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1.301 strip-eof 1.0.0

1.301.1 Available under license

1.302 escape-string-regexp 4.0.0

1.302.1 Available under license

1.303 leven 3.1.0

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1.304 unique-string 1.0.0

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1.305 hoist-non-react-statics 1.2.0

1.305.1 Available under license

1.306 is-directory 0.3.1

- 1.306.1 Available under license
- 1.307 @react-native/polyfills 2.0.0**
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- 1.308 debug 4.3.3**
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- 1.309 os-tmpdir 1.0.2**
 - 1.309.1 Available under license
- 1.310 prompts 2.4.2**
 - 1.310.1 Available under license
- 1.311 error-ex 1.3.2**
 - 1.311.1 Available under license
- 1.312 axios 0.24.0**
 - 1.312.1 Available under license
- 1.313 repeat-element 1.1.4**
 - 1.313.1 Available under license
- 1.314 domelementtype 1.3.1**
 - 1.314.1 Available under license
- 1.315 joi 17.6.0**
 - 1.315.1 Available under license
- 1.316 commander 2.13.0**
 - 1.316.1 Available under license
- 1.317 makeerror 1.0.12**
 - 1.317.1 Available under license
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- 1.319 brace-expansion 1.1.11**
 - 1.319.1 Available under license
- 1.320 destroy 1.0.4**
 - 1.320.1 Available under license
- 1.321 micromatch 3.1.10**
 - 1.321.1 Available under license
- 1.322 @ampproject/remapping 2.1.2**
 - 1.322.1 Available under license
- 1.323 get-value 2.0.6**
 - 1.323.1 Available under license
- 1.324 neo-async 2.6.2**
 - 1.324.1 Available under license
- 1.325 yallist 4.0.0**
 - 1.325.1 Available under license

1.326 @babel/plugin-proposal-private-methods 7.16.11

1.326.1 Available under license

1.327 is-plain-obj 1.1.0

1.327.1 Available under license

1.328 chalk 2.4.2

1.328.1 Available under license

1.329 charcodes 0.2.0

1.329.1 Available under license

1.330 snapdragon-node 2.1.1

1.330.1 Available under license

1.331 shallow-clone 3.0.1

1.331.1 Available under license

1.332 regenerate 1.4.2

1.332.1 Available under license

1.333 metro-hermes-compiler 0.66.2

1.333.1 Available under license

1.334 @babel/helper-annotate-as-pure 7.16.7

1.334.1 Available under license

1.335 shebang-command 1.2.0

1.335.1 Available under license

1.336 compare-versions 3.6.0

1.336.1 Available under license

1.337 ansi-regex 5.0.1

1.337.1 Available under license

1.338 patch-package 6.4.7

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1.339 arr-diff 4.0.0

1.339.1 Available under license

1.340 js-tokens 4.0.0

1.340.1 Available under license

1.341 tmp 0.0.33

1.341.1 Available under license

1.342 reselect 4.1.5

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1.343 path-browserify 1.0.1

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1.344 types-yargs-parser 21.0.0

1.344.1 Available under license

1.345 to-regex-range 2.1.1

- 1.345.1 Available under license
- 1.346 babel-preset-expo 8.5.1**
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- 1.347 @babel/helper-member-expression-to-functions 7.16.7**
 - 1.347.1 Available under license
- 1.348 to-regexp-range 5.0.1**
 - 1.348.1 Available under license
- 1.349 js-yaml 3.14.1**
 - 1.349.1 Available under license
- 1.350 supports-color 7.2.0**
 - 1.350.1 Available under license
- 1.351 send 0.17.2**
 - 1.351.1 Available under license
- 1.352 @react-native/normalize-color 2.0.0**
 - 1.352.1 Available under license
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- 1.356 @react-native-community/cli-platform-ios 6.2.0**
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- 1.358 hyphenate-style-name 1.0.4**
 - 1.358.1 Available under license
- 1.359 cliui 6.0.0**
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- 1.361 @react-navigation/bottom-tabs 5.10.0**
 - 1.361.1 Available under license
- 1.362 kind-of 3.2.2**
 - 1.362.1 Available under license
- 1.363 recast 0.20.5**
 - 1.363.1 Available under license
- 1.364 node-dir 0.1.17**
 - 1.364.1 Available under license

- 1.365 expo-asset 8.4.6**
 - 1.365.1 Available under license
- 1.366 rsvp 4.8.5**
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- 1.368 event-target-shim 5.0.1**
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- 1.376 temp 0.8.3**
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- 1.381 lie 3.3.0**
 - 1.381.1 Available under license
- 1.382 map-cache 0.2.2**
 - 1.382.1 Available under license
- 1.383 caniuse-lite 1.0.30001313**
 - 1.383.1 Available under license
- 1.384 require-directory 2.1.1**

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 - 1.387.1 Available under license
- 1.388 strict-uri-encode 2.0.0**
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- 1.389 @expo/config-types 42.0.0**
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- 1.391 expo-json-utils 0.2.1**
 - 1.391.1 Available under license
- 1.392 any-promise 1.3.0**
 - 1.392.1 Available under license
- 1.393 @babel/plugin-transform-object-assign 7.16.7**
 - 1.393.1 Available under license
- 1.394 @babel/plugin-transform-modules-amd 7.16.7**
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- 1.395 appdirsjs 1.2.6**
 - 1.395.1 Available under license
- 1.396 inherits 2.0.4**
 - 1.396.1 Available under license
- 1.397 sudo-prompt 9.2.1**
 - 1.397.1 Available under license
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- 1.400 decamelize 1.2.0**
 - 1.400.1 Available under license
- 1.401 promise 7.3.1**
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- 1.402 range-parser 1.2.1**
 - 1.402.1 Available under license
- 1.403 pify 4.0.1**
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1.404 run-parallel 1.2.0

1.404.1 Available under license

1.405 @expo/image-utils 0.3.18

1.405.1 Available under license

1.406 has-value 0.3.1

1.406.1 Available under license

1.407 unicode-property-aliases-ecmascript 2.0.0

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1.408 fresh 0.5.2

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1.412.1 Available under license

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1.413.1 Available under license

1.414 jest-worker 26.6.2

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1.415 hermes-parser 0.4.7

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1.416 create-react-class 15.7.0

1.416.1 Available under license

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1.417.1 Available under license

1.418 filter-obj 1.1.0

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1.419 regjsgen 0.6.0

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1.420 @babel/helper-plugin-utils 7.16.7

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1.421 qs 6.10.3

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1.422 fsevents 2.3.2

1.422.1 Available under license

1.423 expo-modules-autolinking 0.3.4

- 1.423.1 Available under license
- 1.424 @babel/plugin-syntax-async-generators 7.8.4**
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- 1.425 expo-splash-screen 0.13.5**
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- 1.426 restore-cursor 2.0.0**
 - 1.426.1 Available under license
- 1.427 is-arrayish 0.3.2**
 - 1.427.1 Available under license
- 1.428 mixin-deep 1.3.2**
 - 1.428.1 Available under license
- 1.429 lodash-omit 4.5.0**
 - 1.429.1 Available under license
- 1.430 @expo/configure-splash-screen 0.6.0**
 - 1.430.1 Available under license
- 1.431 babel-plugin-polyfill-corejs3 0.5.2**
 - 1.431.1 Available under license
- 1.432 unset-value 1.0.0**
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- 1.433 ultron 1.0.2**
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- 1.434 anser 1.4.10**
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- 1.435 get-caller-file 2.0.5**
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- 1.436 jest-validate 26.6.2**
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- 1.438 redux 4.0.1**
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- 1.440 sprintf-js 1.0.3**
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- 1.441 react 17.0.2**
 - 1.441.1 Available under license
- 1.442 @expo/config 5.0.9**
 - 1.442.1 Available under license

1.443 @babel/plugin-transform-modules-systemjs 7.16.7

1.443.1 Available under license

1.444 uglify-es 3.3.9

1.444.1 Available under license

1.445 @babel/plugin-syntax-json-strings 7.8.3

1.445.1 Available under license

1.446 buffer-from 1.1.2

1.446.1 Available under license

1.447 metro-babel-transformer 0.59.0

1.447.1 Available under license

1.448 mylib 0.0.0

1.448.1 Available under license

1.449 process-nextick-args 2.0.1

1.449.1 Available under license

1.450 @babel/helper-simple-access 7.16.7

1.450.1 Available under license

1.451 supports-color 2.0.0

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1.452 get-stream 4.1.0

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1.453 micromatch 4.0.4

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1.454 @babel/plugin-transform-react-jsx-self 7.16.7

1.454.1 Available under license

1.455 metro 0.66.2

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1.456 @babel/plugin-transform-sticky-regex 7.16.7

1.456.1 Available under license

1.457 isomorphic-fetch 2.2.1

1.457.1 Available under license

1.458 p-limit 2.3.0

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1.459 @react-native-community/cli 6.4.0

1.459.1 Available under license

1.460 @expo/json-file 8.2.33

1.460.1 Available under license

1.461 lodash-throttle 4.1.1

1.461.1 Available under license

1.462 @emotion/is-prop-valid 0.8.8

- 1.462.1 Available under license
- 1.463 expand-brackets 2.1.4**
 - 1.463.1 Available under license
- 1.464 @babel/helper-validator-identifier 7.16.7**
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 - 1.465.1 Available under license
- 1.466 metro-babel-transformer 0.66.2**
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- 1.467 @react-native/normalize-color 1.0.0**
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- 1.468 react-dom 17.0.1**
 - 1.468.1 Available under license
- 1.469 promise 8.1.0**
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- 1.470 metro-transform-worker 0.66.2**
 - 1.470.1 Available under license
- 1.471 pump 3.0.0**
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- 1.472 gensync 1.0.0-beta.2**
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- 1.473 metro-react-native-babel-preset 0.66.2**
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- 1.474 encodeurl 1.0.2**
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- 1.475 callsites 2.0.0**
 - 1.475.1 Available under license
- 1.476 requires-port 1.0.0**
 - 1.476.1 Available under license
- 1.477 lodash-template 4.5.0**
 - 1.477.1 Available under license
- 1.478 thenify 3.3.1**
 - 1.478.1 Available under license
- 1.479 @babel/template 7.16.7**
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- 1.480 wrap-ansi 6.2.0**
 - 1.480.1 Available under license
- 1.481 metro-inspector-proxy 0.66.2**
 - 1.481.1 Available under license

1.482 @babel/plugin-proposal-export-default-from 7.16.7

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1.483 @babel/preset-flow 7.16.7

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1.484 lodash.isequal 4.5.0

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1.485 object-assign 4.1.1

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1.486 babel-plugin-transform-typescript 7.16.8

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1.489 entities 2.2.0

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1.490 component-emitter 1.3.0

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1.491 @babel/plugin-transform-classes 7.16.7

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1.492 ee-first 1.1.1

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1.493 react-native-vector-icons 7.1.0

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1.494 copy-descriptor 0.1.1

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1.495 @sideway/pinpoint 2.0.0

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1.496 @babel/plugin-transform-new-target 7.16.7

1.496.1 Available under license

1.497 is-number 7.0.0

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1.498 snapdragon 0.8.2

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1.499 react-native-animatable 1.3.3

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1.500 @expo/plist 0.0.17

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1.501 signal-exit 3.0.7

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- 1.502 @babel/plugin-syntax-export-namespace-from 7.8.3**
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- 1.505 @babel/helper-skip-transparent-expression-wrappers 7.16.0**
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- 1.510 deepmerge 3.3.0**
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- 1.511 is-fullwidth-code-point 2.0.0**
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- 1.514 @emotion/unitless 0.7.5**
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- 1.515 which 1.3.1**
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- 1.516 source-map-support 0.5.21**
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- 1.517 lodash-pick 4.4.0**
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- 1.519 cnakazawa-watch 1.0.4**
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1.521 babel-helper-create-class-features-plugin 7.17.6

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1.522 postcss-value-parser 4.2.0

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1.523 fragment-cache 0.2.1

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1.524 options 0.0.6

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1.526 p-locate 5.0.0

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1.539 css-to-react-native 3.0.0

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1.540 performance-now 2.1.0

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 - 1.551.1 Available under license
- 1.552 serve-static 1.14.2**
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- 1.553 follow-redirects 1.14.9**
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- 1.577 babel-helper-create-regexp-features-plugin 7.17.0**
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- 1.578 base 0.11.2**
 - 1.578.1 Available under license
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- 1.602 image-size 0.6.3**
 - 1.602.1 Available under license
- 1.603 pirates 4.0.5**
 - 1.603.1 Available under license
- 1.604 react-refresh 0.4.3**
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1.905 react-native 0.66.2

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1.1 regjsparser 0.8.4

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1.2 @types/hammerjs 2.0.41

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1.3 path-is-absolute 1.0.1

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1.4 tween-functions 1.2.0

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1.5 fill-range 4.0.0

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1.6 expo-error-recovery 3.0.5

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* /opt/cola/permits/1287718762_1647270875.53/0/expo-error-recovery-3-0-5-

tgz/package/ios/EXErrorRecovery/EXErrorRecoveryModule.m
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* /opt/cola/permits/1287718762_1647270875.53/0/expo-error-recovery-3-0-5-
tgz/package/ios/EXErrorRecovery/EXErrorRecoveryModule.h

1.7 @babel/plugin-transform-object-super

7.16.7

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1.8 accepts 1.3.8

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1.9 stacktrace-parser 0.1.10

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1.10 get-stdin 6.0.0

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1.11 react-native-community-netinfo 6.0.2

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1.12 autobind-decorator 2.1.0

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1.13 lines-and-columns 1.2.4

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1.14 @babel/compat-data 7.17.0

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1.15 universalify 1.0.0

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1.17 chalk 4.1.2

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1.18 define-property 1.0.0

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1.19 types-hoist-non-react-statics 3.3.1

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1.20 unicode-canonical-property-names-ecmascript 2.0.0

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1.21 asap 2.0.6

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1.22 @babel/helper-define-polyfill-provider

0.3.1

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1.23 atob 2.1.2

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1.24 to-fast-properties 2.0.0

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1.26 babel-plugin-proposal-optional-chaining

7.16.7

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1.29 prop-types 15.8.1

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1.30 is-data-descriptor 0.1.4

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1.34 eslint-config-prettier 6.15.0

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1.35 babel-plugin-proposal-decorators 7.17.2

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1.39 imurmurhash 0.1.4

1.39.1 Available under license :

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Found in path(s):

* /opt/cola/permits/1162004726_1620774102.75/0/imurmurhash-0-1-4-6-tgz/package/README.md

1.40 babel-plugin-proposal-dynamic-import

7.16.7

1.40.1 Available under license :

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1.41 find-cache-dir 2.1.0

1.41.1 Available under license :

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1.42 serialize-error 2.1.0

1.42.1 Available under license :

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1.43 @types/node 17.0.21

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1.44 nullthrows 1.1.1

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1.45 pkg-up 3.1.0

1.45.1 Available under license :

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1.46 pkg-dir 3.0.0

1.46.1 Available under license :

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1.47 jimp-compact 0.16.1

1.47.1 Available under license :

MIT

1.48 jsc-android 250230.2.1

1.48.1 Available under license :

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1.49 react-native-localize 1.3.1

1.49.1 Available under license :

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1.50 @babel/plugin-transform-shorthand-properties 7.16.7

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1.51 json5 0.5.1

1.51.1 Available under license :

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1.52 @expo/plist 0.0.14

1.52.1 Available under license :

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Found in path(s):

* /opt/cola/permits/1226616920_1636580055.17/0/plist-0-0-14-tgz/package/build/build.js.map

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IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING\nFROM, OUT OF OR IN CONNECTION
WITH THE SOFTWARE OR THE USE OR\nOTHER DEALINGS IN THE SOFTWARE. */\n\nimport {
DOMParser } from '@xmldom/xmldom';\nimport assert from 'assert';\n\nconst TEXT_NODE = 3;\nconst
CDATA_NODE = 4;\nconst COMMENT_NODE = 8;\n\n/**\n * We ignore raw text (usually whitespace), <!-- xml
comments -->,\n * and raw CDATA nodes.\n * @param {Element} node\n * @returns {Boolean}\n * @api
private\n */\nfunction shouldIgnoreNode(node: { [key: string]: any }): boolean {\n return (\n node.nodeType
=== TEXT_NODE || node.nodeType === COMMENT_NODE || node.nodeType === CDATA_NODE\n
);\n\n/**\n * Check if the node is empty. Some plist file has such node:\n * <key />\n * this node should be
ignored.\n * @see https://github.com/TooTallNate/plist.js/issues/66\n * @param {Element} node\n * @returns
{Boolean}\n * @api private\n */\nfunction isEmptyNode(node: { [key: string]: any }): boolean {\n return
!node.childNodes || node.childNodes.length === 0;\n\n/**\n * Parses a Plist XML string. Returns an Object.\n *
*\n * @param {String} xml - the XML String to decode\n * @returns {Mixed} the decoded value from the Plist
XML\n * @api public\n */\n\nexport function parse(xml: string): any {\n // prevent the parser from logging non-
fatal errors\n const doc = new DOMParser({ errorHandler() {} }).parseFromString(xml);\n assert(\n doc.
documentElement.nodeName === 'plist',\n 'malformed document. First element should be <plist>'\n);\n let
plist = parsePlistXML(doc.documentElement);\n\n // the root <plist> node gets interpreted as an Array,\n // so pull
out the inner data first\n if (plist.length === 1) plist = plist[0];\n\n return plist;\n\n/**\n * Convert an XML based
plist document into a JSON representation.\n * @param {Object} xml_node - current XML node in the plist\n *
*\n * @returns {Mixed} built up JSON object\n * @api private\n */\nfunction parsePlistXML(node: { [key: string]: any

```

}): any {\n let i, new_obj: { [key: string]: any }, key, new_arr: any[], res, counter;\n\n if (!node) return null;\n\n if (node.nodeName === 'plist') {\n new_arr = [];\n if (isEmptyNode(node)) {\n return new_arr;\n }\n for (i = 0; i < node.childNodes.length; i++) {\n if (!shouldIgnoreNode(node.childNodes[i])) {\n new_arr.push(parsePlistXML(node.childNodes[i]));\n }\n }\n return new_arr;\n } else if (node.nodeName === 'dict') {\n new_obj = {};\n key = null;\n counter = 0;\n if (isEmptyNode(node)) {\n return new_obj;\n }\n for (i = 0; i < node.childNodes.length; i++) {\n if (shouldIgnoreNode(node.childNodes[i])) continue;\n if (counter % 2 === 0) {\n assert(node.childNodes[i].nodeName === 'key', 'Missing key while parsing <dict/>.');\n key = parsePlistXML(node.childNodes[i]);\n } else {\n assert(\n node.childNodes[i].nodeName !== 'key',\n 'Unexpected key \'' + parsePlistXML(node.childNodes[i]) + \''n\n while parsing <dict/>.\n );\n new_obj[key] = parsePlistXML(node.childNodes[i]);\n }\n counter += 1;\n }\n if (counter % 2 === 1) {\n throw new Error('Missing value for \'' + key + '\'' while parsing <dict/>');\n }\n return new_obj;\n } else if (node.nodeName === 'array') {\n new_arr = [];\n if (isEmptyNode(node)) {\n return new_arr;\n }\n for (i = 0; i < node.childNodes.length; i++) {\n if (!shouldIgnoreNode(node.childNodes[i])) {\n res = parsePlistXML(node.childNodes[i]);\n if (res !== null) new_arr.push(res);\n }\n }\n return new_arr;\n } else if (node.nodeName === '#text') {\n // TODO: what should we do with text types? (CDATA sections)\n } else if (node.nodeName === 'key') {\n if (isEmptyNode(node)) {\n return ";\n }\n return node.childNodes[0].nodeValue;\n } else if (node.nodeName === 'string') {\n res = ";\n if (isEmptyNode(node)) {\n return res;\n }\n for (i = 0; i < node.childNodes.length; i++) {\n const type = node.childNodes[i].nodeType;\n if (type === TEXT_NODE || type === CDATA_NODE) {\n res += node.childNodes[i].nodeValue;\n }\n }\n return res;\n } else if (node.nodeName === 'integer') {\n assert(!isEmptyNode(node), 'Cannot parse \'' as integer.);\n return parseInt(node.childNodes[0].nodeValue, 10);\n } else if (node.nodeName === 'real') {\n assert(!isEmptyNode(node), 'Cannot parse \'' as real.);\n res = ";\n for (i = 0; i < node.childNodes.length; i++) {\n if (node.childNodes[i].nodeType === TEXT_NODE) {\n res += node.childNodes[i].nodeValue;\n }\n }\n return parseFloat(res);\n } else if (node.nodeName === 'data') {\n res = ";\n if (isEmptyNode(node)) {\n return Buffer.from(res, 'base64');\n }\n for (i = 0; i < node.childNodes.length; i++) {\n if (node.childNodes[i].nodeType === TEXT_NODE) {\n res += node.childNodes[i].nodeValue.replace(/\\s+/g, '');\n }\n }\n }\n return Buffer.from(res, 'base64');\n } else if (node.nodeName === 'date') {\n assert(!isEmptyNode(node), 'Cannot parse \'' as Date.);\n return new Date(node.childNodes[0].nodeValue);\n } else if (node.nodeName === 'true') {\n return true;\n } else if (node.nodeName === 'false') {\n return false;\n }\n}\n}\n"}

```

Found in path(s):

* /opt/cola/permits/1226616920_1636580055.17/0/plist-0-0-14-tgz/package/build/parse.js.map

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Found in path(s):

* /opt/cola/permits/1226616920_1636580055.17/0/plist-0-0-14-tgz/package/build/build.js

* /opt/cola/permits/1226616920_1636580055.17/0/plist-0-0-14-tgz/package/build/parse.js

1.53 xmlbuilder 11.0.1

1.53.1 Available under license :

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1.54 css-what 5.1.0

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1.55 domutils 1.7.0

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1.56 babel-plugin-dynamic-import-node 2.3.3

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1.57 universalify 2.0.0

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1.58 @react-native-community/cli-tools 6.2.0

1.58.1 Available under license :

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1.59 pascalcase 0.1.1

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1.60 kind-of 5.1.0

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1.61 slash 3.0.0

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1.62 metro-core 0.66.2

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 *
 * @flow
 * @format
 */
```

Found in path(s):

* /opt/cola/permits/1235010603_1638334334.54/0/metro-core-0-66-2-tgz/package/src/Logger.js.flow

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 * @flow strict-local
 * @format
 */
```

Found in path(s):

* /opt/cola/permits/1235010603_1638334334.54/0/metro-core-0-66-2-tgz/package/src/errors/PackageResolutionError.js.flow

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*
* @flow
* @format
*/

'use strict';

const readline = require('readline');
const throttle = require('lodash.throttle');
const tty = require('tty');
const util = require('util');

type UnderlyingStream = net$Socket | stream$Writable;

/**
 * Clear some text that was previously printed on an interactive stream,
 * without trailing newline character (so we have to move back to the
 * beginning of the line).
 */
function clearStringBackwards(stream: tty.WriteStream, str: string): void {
  readline.moveCursor(stream, -stream.columns, 0);
  readline.clearLine(stream, 0);
  let lineCount = (str.match(/\n/g) || []).length;
  while (lineCount > 0) {
    readline.moveCursor(stream, 0, -1);
    readline.clearLine(stream, 0);
    --lineCount;
  }
}

/**
 * Cut a string into an array of string of the specific maximum size. A newline
 * ends a chunk immediately (it's not included in the "." RegExp operator), and
 * is not included in the result.
 * When counting we should ignore non-printable characters. In particular the
 * ANSI escape sequences (regex: \x1B\[([0-9]{1,2};[0-9]{1,2})?m)
 * (Not an exhaustive match, intended to match ANSI color escapes)
 * https://en.wikipedia.org/wiki/ANSI_escape_code
 */
function chunkString(str: string, size: number): Array<string> {
  const ANSI_COLOR = '\x1B\[([0-9]{1,2};[0-9]{1,2})?m';
  const SKIP_ANSI = `(?:${ANSI_COLOR})`;
  return str.match(new RegExp(`(?:${SKIP_ANSI}){1,${size}}`, 'g')) || [];
}

```

```

/**
 * Get the stream as a TTY if it effectively looks like a valid TTY.
 */
function getTTYStream(stream: UnderlyingStream): ?tty.WriteStream {
  if (
    stream instanceof tty.WriteStream &&
    stream.isTTY &&
    stream.columns >= 1
  ) {
    return stream;
  }
  return null;
}

/**
 * We don't just print things to the console, sometimes we also want to show
 * and update progress. This utility just ensures the output stays neat: no
 * missing newlines, no mangled log lines.
 *
 * const terminal = Terminal.default;
 * terminal.status('Updating... 38%');
 * terminal.log('warning: Something happened.');
```

The final output:

```

 * warning: Something happened.
 * Updating, done.
```

Without the status feature, we may get a mangled output:

```

 * Updating... 38%warning: Something happened.
 * Updating, done.
```

This is meant to be user-readable and TTY-oriented. We use stdout by default because it's more about status information than diagnostics/errors (stderr).

Do not add any higher-level functionality in this class such as "warning" and "error" printers, as it is not meant for formatting/reporting. It has the single responsibility of handling status messages.

```

*/
class Terminal {
  _logLines: Array<string>;
  _nextStatusStr: string;
  _scheduleUpdate: () => void;
  _statusStr: string;
  _stream: UnderlyingStream;

```

```

constructor(stream: UnderlyingStream) {
  this._logLines = [];
  this._nextStatusStr = "";
  // $FlowFixMe[method-unbinding] added when improving typing for this parameters
  this._scheduleUpdate = throttle(this._update, 33);
  this._statusStr = "";
  this._stream = stream;
}

/**
 * Clear and write the new status, logging in bulk in-between. Doing this in a
 * throttled way (in a different tick than the calls to `log()` and
 * `status()`) prevents us from repeatedly rewriting the status in case
 * `terminal.log()` is called several times.
 */
_update(): void {
  const {_statusStr, _stream} = this;
  const ttyStream = getTTYStream(_stream);
  if (_statusStr === this._nextStatusStr && this._logLines.length === 0) {
    return;
  }
  if (ttyStream != null) {
    clearStringBackwards(ttyStream, _statusStr);
  }
  this._logLines.forEach(line => {
    _stream.write(line);
    _stream.write("\n");
  });
  this._logLines = [];
  if (ttyStream != null) {
    this._nextStatusStr = chunkString(
      this._nextStatusStr,
      ttyStream.columns,
    ).join("\n");
    _stream.write(this._nextStatusStr);
  }
  this._statusStr = this._nextStatusStr;
}

/**
 * Shows some text that is meant to be overridden later. Return the previous
 * status that was shown and is no more. Calling `status()` with no argument
 * removes the status altogether. The status is never shown in a
 * non-interactive terminal: for example, if the output is redirected to a
 * file, then we don't care too much about having a progress bar.
 */
status(format: string, ...args: Array<mixed>): string {

```

```

const { _nextStatusStr } = this;
this._nextStatusStr = util.format(format, ...args);
this._scheduleUpdate();
return _nextStatusStr;
}

/**
 * Similar to `console.log`, except it moves the status/progress text out of
 * the way correctly. In non-interactive terminals this is the same as
 * `console.log`.
 */
log(format: string, ...args: Array<mixed>): void {
  this._logLines.push(util.format(format, ...args));
  this._scheduleUpdate();
}

/**
 * Log the current status and start from scratch. This is useful if the last
 * status was the last one of a series of updates.
 */
persistStatus(): void {
  this.log(this._nextStatusStr);
  this._nextStatusStr = "";
}

flush(): void {
  // Useful if you're going to start calling console.log/console.error directly
  // again; otherwise you could end up with mangled output when the queued
  // update starts writing to stream after a delay.
  /* $FlowFixMe(>=0.99.0 site=react_native_fb) This comment suppresses an
   * error found when Flow v0.99 was deployed. To see the error, delete this
   * comment and run Flow. */
  this._scheduleUpdate.flush();
}
}

```

```
module.exports = Terminal;
```

Found in path(s):

```
* /opt/cola/permits/1235010603_1638334334.54/0/metro-core-0-66-2-tgz/package/src/Terminal.js.flow
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```

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 */

```

```
* @flow strict-local
* @format
*/
```

```
'use strict';
```

```
function canonicalize(key: string, value: mixed): mixed {
  if (
    // eslint-disable-next-line lint/strictly-null
    value === null ||
    typeof value !== 'object' ||
    Array.isArray(value)
  ) {
    return value;
  }
}
```

```
const keys = Object.keys(value).sort();
const length = keys.length;
const object = {};
```

```
for (let i = 0; i < length; i++) {
  object[keys[i]] = value[keys[i]];
}
```

```
return object;
}
```

```
module.exports = canonicalize;
```

Found in path(s):

```
*/opt/cola/permits/1235010603_1638334334.54/0/metro-core-0-66-2-tgz/package/src/canonicalize.js.flow
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```
/**
```

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```
*
```

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```

```
*
```

```
* @flow strict-local
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
const AmbiguousModuleResolutionError = require('./errors/AmbiguousModuleResolutionError');
const PackageResolutionError = require('./errors/PackageResolutionError');
```

```
module.exports = {
  AmbiguousModuleResolutionError,
  PackageResolutionError,
};
```

Found in path(s):

* /opt/cola/permits/1235010603_1638334334.54/0/metro-core-0-66-2-tgz/package/src/errors.js.flow

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```

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```
*
```

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```

```
*
```

```
* @flow
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
const AmbiguousModuleResolutionError = require('./errors/AmbiguousModuleResolutionError');
```

```
const Logger = require('./Logger');
```

```
const PackageResolutionError = require('./errors/PackageResolutionError');
```

```
const Terminal = require('./Terminal');
```

```
module.exports = {
  AmbiguousModuleResolutionError,
  Logger,
  PackageResolutionError,
  Terminal,
};
```

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* /opt/cola/permits/1235010603_1638334334.54/0/metro-core-0-66-2-tgz/package/src/index.js.flow

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```

```
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```

```
*
```

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```

```
*
```

```
*
```

```
* @format
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1235010603_1638334334.54/0/metro-core-0-66-2-tgz/package/src/errors.js
* /opt/cola/permits/1235010603_1638334334.54/0/metro-core-0-66-2-tgz/package/src/canonicalize.js
* /opt/cola/permits/1235010603_1638334334.54/0/metro-core-0-66-2-
tgz/package/src/errors/PackageResolutionError.js
* /opt/cola/permits/1235010603_1638334334.54/0/metro-core-0-66-2-tgz/package/src/Logger.js
* /opt/cola/permits/1235010603_1638334334.54/0/metro-core-0-66-2-tgz/package/src/Terminal.js
* /opt/cola/permits/1235010603_1638334334.54/0/metro-core-0-66-2-
tgz/package/src/errors/AmbiguousModuleResolutionError.js
* /opt/cola/permits/1235010603_1638334334.54/0/metro-core-0-66-2-tgz/package/src/index.js
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```

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Found in path(s):

```
* /opt/cola/permits/1235010603_1638334334.54/0/metro-core-0-66-2-
tgz/package/src/errors/AmbiguousModuleResolutionError.js.flow
```

1.63 source-map 0.7.3

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1.64 babel-register 7.17.0

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1.65 klaw-sync 6.0.0

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1.66 @babel/generator 7.17.3

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1.67 is-windows 1.0.2

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1.68 p-limit 3.1.0

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1.69 json5 2.2.0

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[others]: <https://github.com/json5/json5/contributors>

1.70 immediate 3.0.6

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1.71 d3-color 1.4.1

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1.72 @babel/plugin-transform-template-literals 7.16.7

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1.73 is-extglob 2.1.1

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1.74 object.assign 4.1.2

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1.75 ansi-styles 2.2.1

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1.76 cli-spinners 2.6.1

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1.77 envinfo 7.8.1

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1.78 types-istanbul-reports 3.0.1

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1.79 ast-types 0.14.2

1.79.1 Available under license :

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1.80 sax 1.2.4

1.80.1 Available under license :

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1.81 end-of-stream 1.4.4

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1.82 has 1.0.3

1.82.1 Available under license :

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1.83 @babel/runtime 7.17.2

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1.84 negotiator 0.6.3

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1.85 @expo/metro-config 0.1.84

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1.86 is-buffer 1.1.6

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1.87 define-property 2.0.2

1.87.1 Available under license :

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1.88 json-parse-better-errors 1.0.2

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1.89 symbol-observable 1.2.0

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1.90 core-util-is 1.0.3

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1.91 monorepo-symlink-test 0.0.0

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1.92 braces 3.0.2

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1.93 async-limiter 1.0.1

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1.94 fs-extra 7.0.1

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1.95 @emotion/memoize 0.7.4

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1.96 urix 0.1.0

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1.97 yargs 15.4.1

1.97.1 Available under license :

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1.98 queue-microtask 1.2.3

1.98.1 Available under license :

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1.99 normalize-url 2.0.1

1.99.1 Available under license :

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1.100 metro-symbolicate 0.59.0

1.100.1 Available under license :

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```
// Jest Snapshot v1, https://goo.gl/fbAQLP
```

```
exports[^directory context symbolivating a stack trace 1`] = `  
"/js/react-native-github/Libraries/BatchedBridge/BatchedBridge.js:23:Object  
/js/react-native-github/Libraries/BatchedBridge/MessageQueue.js:89:null  
fileThatDoesntExist.js:10:null  
"  
`;  
  
exports[^symbolivating a hermes stack trace 1`] = `  
Array [  
  Object {  
    "column": 21,  
    "functionName": "columns.forEach$argument_0",  
    "line": 480,  
    "name": "rows",  
    "source": "/js/node_modules/react-native/Libraries/polyfills/console.js",  
  },  
  Object {  
    "column": 8,  
    "functionName": "setEnabled",  
    "line": 101,  
    "name": "_enabled",  
    "source": "/js/react-native-github/Libraries/Performance/Systrace.js",  
  },  
  Object {  
    "column": 2,  
    "functionName": "getValue",  
    "line": 13,  
    "name": null,  
    "source": "/js/RKJSMobile/Apps/HermesModulesTest/HMTLazyFetched.js",  
  },  
  Object {  
    "column": null,  
    "functionName": null,  
    "line": null,  
    "name": null,  
    "source": null,  
  },  
  Object {  
    "column": 2,  
    "functionName": "getValue",
```

```
"line": 13,
"name": null,
"source": "/js/RKJSModules/Apps/HermesModulesTest/HMTLazyFetched.js",
},
Object {
  "NativeCode": true,
},
]
`;
```

```
exports[`symbolicating a hermes stack trace CJS 1`] = `
Array [
  Object {
    "column": 36,
    "functionName": "result.clearExceptTimespans",
    "line": 160,
    "name": null,
    "source": "/js/react-native-github/Libraries/Utilities/createPerformanceLogger.js",
  },
  Object {
    "column": 2,
    "functionName": "getValue",
    "line": 13,
    "name": null,
    "source": "/js/RKJSModules/Apps/HermesModulesTest/HMTLazyFetched.js",
  },
  Object {
    "column": 2,
    "functionName": "getValue",
    "line": 13,
    "name": null,
    "source": "/js/RKJSModules/Apps/HermesModulesTest/HMTLazyFetched.js",
  },
  Object {
    "column": 2,
    "functionName": "getValue",
    "line": 13,
    "name": null,
    "source": "/js/RKJSModules/Apps/HermesModulesTest/HMTLazyFetched.js",
  },
  Object {
    "NativeCode": true,
  },
]
`;
```

```
exports[`symbolicating a profiler map 1`] = `
"JS_0000_XXXXXXXXXXXXXXXXXXXXXXXXX throws0::thrower.js:48:11
`;
```

```
JS_0001_XXXXXXXXXXXXXXXXXXXXX throws6::thrower.js:35:38
JS_0002_XXXXXXXXXXXXXXXXXXXXX name::thrower.js:1:0
JS_0003_XXXXXXXXXXXXXXXXXXXXX (unknown)::thrower.js:1:0"
`;
```

```
exports[symbolicating a stack trace 1`] = `
"thrower.js:18:null
thrower.js:30:arg
null:null:null
thrower.js:30:arguments
thrower.js:35:this
eval code
null:null:null
thrower.js:27:null
thrower.js:39:throws3
thrower.js:44:throws2
thrower.js:49:throws1
thrower.js:53:throws0
global thrower.js:1:null
"
`;
```

```
exports[symbolicating a stack trace ignoring a function map 1`] = `
"/js/RKJSMModules/segmented/biz.js:5:null
/js/RKJSMModules/segmented/glo.js:7:throwSmthInner
/js/RKJSMModules/bar.js:14:throwSmth
/js/RKJSMModules/bar.js:10:makeItThrowInner
/js/RKJSMModules/bar.js:5:makeItThrow
"
`;
```

```
exports[symbolicating a stack trace in Node format 1`] = `
"TypeError: undefined is not a function
  at throws6 (thrower.js:18:null)
  at thrower.js:30:arg
  at forEach (null:null:null)
  at o (thrower.js:30:arguments)
  at throws4 (thrower.js:35:this)
  at eval (eval at thrower.js:30:forEach)
  at t (thrower.js:27:null)
  at throws2 (thrower.js:39:throws3)
  at throws1 (thrower.js:44:throws2)
  at throws0 (thrower.js:49:throws1)
  at thrower.js:53:throws0
  at global code (thrower.js:1:null)
"
`;
```

```

exports[Symbolicating a stack trace with a function map 1`] = `
"/js/RKJSMODULES/segmented/biz.js:5:module.exports.throwSmthInner
/js/RKJSMODULES/segmented/glo.js:7:module.exports.throwSmth
/js/RKJSMODULES/bar.js:14:makeItThrowInner
/js/RKJSMODULES/bar.js:10:makeItThrow
/js/RKJSMODULES/bar.js:5:import.then$argument_0
"
`;

```

```

exports[Symbolicating a stack trace with a segmented RAM bundle map 1`] = `
"/js/RKJSMODULES/segmented/biz.js:5:null
/js/RKJSMODULES/segmented/glo.js:7:throwSmthInner
/js/RKJSMODULES/bar.js:14:throwSmth
/js/RKJSMODULES/bar.js:10:makeItThrowInner
/js/RKJSMODULES/bar.js:5:makeItThrow
"
`;

```

```

exports[Symbolicating an attribution file 1`] = `
{"functionId":1,"location":{"file":"thrower.js","line":4,"column":11},"usage":[]}
{"functionId":2,"location":{"file":"thrower.js","line":14,"column":14},"usage":[]}
"
`;

```

```

exports[Symbolicating an attribution file with 1-based column output 1`] = `
{"functionId":1,"location":{"file":"thrower.js","line":4,"column":12},"usage":[]}
{"functionId":2,"location":{"file":"thrower.js","line":14,"column":15},"usage":[]}
"
`;

```

```

exports[Symbolicating with a cpuprofile 1`] = `
Object {
  "stackFrames": Object {
    "1": Object {
      "category": "JavaScript",
      "funcVirtAddr": "0",
      "name": "<global>(temp/bench.js:2:1)",
      "offset": "0",
    },
    "2": Object {
      "category": "JavaScript",
      "funcVirtAddr": "0",
      "name": "<global>(temp/bench.js:21:11)",
      "offset": "55",
    },
    "3": Object {
      "category": "JavaScript",
      "funcVirtAddr": "67",
    },
  },
}
`;

```



```

    "name": "entryPoint(temp/bench.js:3:9)",
    "offset": "16",
    "parent": 2,
  },
  "4": Object {
    "category": "JavaScript",
    "funcVirtAddr": "89",
    "name": "helper(temp/bench.js:6:19)",
    "offset": "0",
    "parent": 3,
  },
  "5": Object {
    "category": "JavaScript",
    "funcVirtAddr": "89",
    "name": "helper(temp/bench.js:14:20)",
    "offset": "146",
    "parent": 3,
  },
  "6": Object {
    "category": "Native",
    "name": "[Native]4367295792",
    "parent": 5,
  },
},
}
`;

```

exports[Symbolicating with a cpuprofile ignoring a function map 1`] = `

```

Object {
  "stackFrames": Object {
    "1": Object {
      "category": "JavaScript",
      "funcVirtAddr": "0",
      "name": "global+0(temp/bench.js:2:1)",
      "offset": "0",
    },
    "2": Object {
      "category": "JavaScript",
      "funcVirtAddr": "0",
      "name": "global+55(temp/bench.js:21:11)",
      "offset": "55",
    },
    "3": Object {
      "category": "JavaScript",
      "funcVirtAddr": "67",
      "name": "entryPoint+16(temp/bench.js:3:9)",
      "offset": "16",
      "parent": 2,
    },
  },
}

```

```
},
"4": Object {
  "category": "JavaScript",
  "funcVirtAddr": "89",
  "name": "helper+0(temp/bench.js:6:19)",
  "offset": "0",
  "parent": 3,
},
"5": Object {
  "category": "JavaScript",
  "funcVirtAddr": "89",
  "name": "helper+146(temp/bench.js:14:20)",
  "offset": "146",
  "parent": 3,
},
"6": Object {
  "category": "Native",
  "name": "[Native]4367295792",
  "parent": 5,
},
},
}
`;
```

Found in path(s):

```
* /opt/cola/permits/1168299832_1621972687.08/0/metro-symbolicate-0-59-0-
tgz/package/src.real/__tests__/__snapshots__/symbolicate-test.js.snap
No license file was found, but licenses were detected in source scan.
```

```
/**
```

```
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```

```
*
```

```
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```

```
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```

```
*
```

```
*
```

```
* @format
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1168299832_1621972687.08/0/metro-symbolicate-0-59-0-
tgz/package/src/SourceMetadataMapConsumer.js
```

```
* /opt/cola/permits/1168299832_1621972687.08/0/metro-symbolicate-0-59-0-tgz/package/src/Symbolication.js
```

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```
/**
```

```
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```

```
*
```

```
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*
* @flow strict-local
* @format
*/
```

Found in path(s):

```
* /opt/cola/permits/1168299832_1621972687.08/0/metro-symbolicate-0-59-0-tgz/package/src.real/symbolicate.js
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```

```
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*
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* LICENSE file in the root directory of this source tree.
*
* @flow
* @format
*/
```

```
'use strict';
```

```
const vlq = require('vlq');
```

```
const {normalizeSourcePath} = require('metro-source-map');
```

```
import type {
  MixedSourceMap,
  FBSourcesArray,
  FBSourceFunctionMap,
  FBSourceMetadata,
  BasicSourceMap,
  IndexMap,
} from 'metro-source-map';
```

```
const METADATA_FIELD_FUNCTIONS = 0;
```

```
type Position = {
  +line: number,
  +column: number,
  ...
};
type FunctionMapping = {
  +line: number,
  +column: number,
  +name: string,
  ...
}
```

```

};
type SourceNameNormalizer = (string, {+sourceRoot?: ?string, ...}) => string;
type MetadataMap = {[source: string]: ?FBSourceMetadata, ...};

/**
 * Consumes the `x_facebook_sources` metadata field from a source map and
 * exposes various queries on it.
 *
 * By default, source names are normalized using the same logic that the
 * `source-map@0.5.6` package uses internally. This is crucial for keeping the
 * sources list in sync with a `SourceMapConsumer` instance.
 *
 * If you're using this with a different source map reader (e.g. one that
 * doesn't normalize source names at all), you can switch out the normalization
 * function in the constructor, e.g.
 *
 *   new SourceMetadataMapConsumer(map, source => source) // Don't normalize
 */
class SourceMetadataMapConsumer {
  constructor(
    map: MixedSourceMap,
    normalizeSourceFn: SourceNameNormalizer = normalizeSourcePath,
  ) {
    this._sourceMap = map;
    this._decodedFunctionMapCache = new Map();
    this._normalizeSource = normalizeSourceFn;
  }

  _sourceMap: MixedSourceMap;
  _decodedFunctionMapCache: Map<string, ?$ReadOnlyArray<FunctionMapping>>;
  _normalizeSource: SourceNameNormalizer;
  _metadataBySource: ?MetadataMap;

  /**
   * Retrieves a human-readable name for the function enclosing a particular
   * source location.
   *
   * When used with the `source-map` package, you'll first use
   * `SourceMapConsumer#originalPositionFor` to retrieve a source location,
   * then pass that location to `functionNameFor`.
   */
  functionNameFor({
    line,
    column,
    source,
  }: Position & {+source: ?string, ...}): ?string {
    if (source && line != null && column != null) {
      const mappings = this._getFunctionMappings(source);

```

```

    if (mappings) {
        const mapping = findEnclosingMapping(mappings, {line, column});
        if (mapping) {
            return mapping.name;
        }
    }
    return null;
}

/**
 * Returns this map's source metadata as a new array with the same order as
 * `sources`.
 *
 * This array can be used as the `x_facebook_sources` field of a map whose
 * `sources` field is the array that was passed into this method.
 */
toArray(sources: $ReadOnlyArray<string>): FBSourcesArray {
    const metadataBySource = this._getMetadataBySource();
    const encoded = [];
    for (const source of sources) {
        encoded.push(metadataBySource[source] || null);
    }
    return encoded;
}

/**
 * Prepares and caches a lookup table of metadata by source name.
 */
_getMetadataBySource(): MetadataMap {
    if (!this._metadataBySource) {
        this._metadataBySource = this._getMetadataObjectsBySourceNames(
            this._sourceMap,
        );
    }
    return this._metadataBySource;
}

/**
 * Decodes the function name mappings for the given source if needed, and
 * retrieves a sorted, searchable array of mappings.
 */
_getFunctionMappings(source: string): ?$ReadOnlyArray<FunctionMapping> {
    if (this._decodedFunctionMapCache.has(source)) {
        return this._decodedFunctionMapCache.get(source);
    }
    let parsedFunctionMap = null;

```

```

const metadataBySource = this._getMetadataBySource();
if (Object.prototype.hasOwnProperty.call(metadataBySource, source)) {
  const metadata = metadataBySource[source] || [];
  parsedFunctionMap = decodeFunctionMap(metadata[METADATA_FIELD_FUNCTIONS]);
}
this._decodedFunctionMapCache.set(source, parsedFunctionMap);
return parsedFunctionMap;
}

/**
 * Collects source metadata from the given map using the current source name
 * normalization function. Handles both index maps (with sections) and plain
 * maps.
 *
 * NOTE: If any sources are repeated in the map (which shouldn't happen in
 * Metro, but is technically possible because of index maps) we only keep the
 * metadata from the last occurrence of any given source.
 */
_getMetadataObjectsBySourceNames(map: MixedSourceMap): MetadataMap {
  // eslint-disable-next-line lint/strictly-null
  if (map.mappings === undefined) {
    const indexMap: IndexMap = map;
    return Object.assign(
      {},
      ...indexMap.sections.map(section =>
        this._getMetadataObjectsBySourceNames(section.map),
      ),
    );
  }
}

if ('x_facebook_sources' in map) {
  const basicMap: BasicSourceMap = map;
  return (basicMap.x_facebook_sources || []).reduce(
    (acc, metadata, index) => {
      let source = basicMap.sources[index];
      if (source != null) {
        source = this._normalizeSource(source, basicMap);
        acc[source] = metadata;
      }
      return acc;
    },
    {},
  );
}
return {};
}
}

```

```

function decodeFunctionMap(
  functionMap: ?FBSourceFunctionMap,
): $ReadOnlyArray<FunctionMapping> {
  if (!functionMap) {
    return [];
  }
  const parsed = [];
  let line = 1;
  let nameIndex = 0;
  for (const lineMappings of functionMap.mappings.split(';')) {
    let column = 0;
    for (const mapping of lineMappings.split(',')) {
      const [columnDelta, nameDelta, lineDelta = 0] = vlq.decode(mapping);
      line += lineDelta;
      nameIndex += nameDelta;
      column += columnDelta;
      parsed.push({line, column, name: functionMap.names[nameIndex]});
    }
  }
  return parsed;
}

```

```

function findEnclosingMapping(
  mappings: $ReadOnlyArray<FunctionMapping>,
  target: Position,
): ?FunctionMapping {
  let first = 0;
  let it = 0;
  let count = mappings.length;
  let step;
  while (count > 0) {
    it = first;
    step = Math.floor(count / 2);
    it += step;
    if (comparePositions(target, mappings[it]) >= 0) {
      first = ++it;
      count -= step + 1;
    } else {
      count = step;
    }
  }
  return first ? mappings[first - 1] : null;
}

```

```

function comparePositions(a: Position, b: Position): number {
  if (a.line === b.line) {
    return a.column - b.column;
  }
}

```

```
return a.line - b.line;
}
```

```
module.exports = SourceMetadataMapConsumer;
```

Found in path(s):

```
* /opt/cola/permits/1168299832_1621972687.08/0/metro-symbolicate-0-59-0-tgz/package/src/SourceMetadataMapConsumer.js.flow
```

No license file was found, but licenses were detected in source scan.

```
* This source code is licensed under the MIT license found in the
type SizeAttributionMap = Object;
symbolicateAttribution(obj: SizeAttributionMap): SizeAttributionMap {
function symbolicateAttribution<ModuleIdsT>(
obj: SizeAttributionMap,
): SizeAttributionMap {
return context.symbolicateAttribution(obj);
symbolicateAttribution,
```

Found in path(s):

```
* /opt/cola/permits/1168299832_1621972687.08/0/metro-symbolicate-0-59-0-tgz/package/src/Symbolication.js.flow
```

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```

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```
*
```

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```

```
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```

```
*
```

```
* strict-local
```

```
* @format
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1168299832_1621972687.08/0/metro-symbolicate-0-59-0-tgz/package/src/symbolicate.js
```

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```
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```

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```

```
*
```

```
* @emails oncall+js_symbolication
```

```
* @format
```

```
*/
```

Found in path(s):


```
* /opt/cola/permits/1168299832_1621972687.08/0/metro-symbolicate-0-59-0-
tgz/package/src.real/__tests__/Symbolication-test.js
* /opt/cola/permits/1168299832_1621972687.08/0/metro-symbolicate-0-59-0-
tgz/package/src.real/__tests__/SourceMetadataMapConsumer-test.js
* /opt/cola/permits/1168299832_1621972687.08/0/metro-symbolicate-0-59-0-
tgz/package/src.real/__tests__/symbolicate-test.js
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```

```
/**
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 *
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 * LICENSE file in the root directory of this source tree.
 *
 * @flow
 * @format
 */
```

Found in path(s):

```
* /opt/cola/permits/1168299832_1621972687.08/0/metro-symbolicate-0-59-0-tgz/package/src.real/Symbolication.js
* /opt/cola/permits/1168299832_1621972687.08/0/metro-symbolicate-0-59-0-
tgz/package/src.real/SourceMetadataMapConsumer.js
No license file was found, but licenses were detected in source scan.
```

```
#!/usr/bin/env node
```

```
/**
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 *
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 * LICENSE file in the root directory of this source tree.
 *
 * @flow strict-local
 * @format
 */
```

```
// Symbolicates a JavaScript stack trace using a source map.
// In our first form, we read a stack trace from stdin and symbolicate it via
// the provided source map.
// In our second form, we symbolicate using an explicit line number, and
// optionally a column.
// In our third form, we symbolicate using a module ID, a line number, and
// optionally a column.
```

```
'use strict';
```

```
// flowlint-next-line untyped-import:off
const SourceMapConsumer = require('source-map').SourceMapConsumer;
const Symbolication = require('./Symbolication.js');
```

```

const fs = require('fs');
// flowlint-next-line untyped-import:off
const through2 = require('through2');

async function main(
  argvInput: Array<string> = process.argv.slice(2),
  {
    stdin,
    stderr,
    stdout,
  }: {
    stdin: stream$Readable | tty$ReadStream,
    stderr: stream$Writable,
    stdout: stream$Writable,
    ...
  } = process,
): Promise<number> {
  const argv = argvInput.slice();
  function checkAndRemoveArg(arg, valuesPerArg = 0) {
    let values = null;
    for (let idx = argv.indexOf(arg); idx !== -1; idx = argv.indexOf(arg)) {
      argv.splice(idx, 1);
      values = values || [];
      values.push(argv.splice(idx, valuesPerArg));
    }
    return values;
  }

  function checkAndRemoveArgWithValue(arg) {
    const values = checkAndRemoveArg(arg, 1);
    return values ? values[0][0] : null;
  }

  try {
    const noFunctionNames = checkAndRemoveArg('--no-function-names');
    const isHermesCrash = checkAndRemoveArg('--hermes-crash');
    const inputLineStart = Number.parseInt(
      checkAndRemoveArgWithValue('--input-line-start') || '1',
      10,
    );
    const inputColumnStart = Number.parseInt(
      checkAndRemoveArgWithValue('--input-column-start') || '0',
      10,
    );
    const outputLineStart = Number.parseInt(
      checkAndRemoveArgWithValue('--output-line-start') || '1',
      10,
    );
  }
}

```

```

const outputColumnStart = Number.parseInt(
  checkAndRemoveArgWithValue('--output-column-start') || '0',
  10,
);

if (argv.length < 1 || argv.length > 4) {
  /* eslint no-path-concat: "off" */

  const usages = [
    'Usage: ' + __filename + ' <source-map-file>',
    '  ' + __filename + ' <source-map-file> <line> [column]',
    '  ' +
    __filename +
    ' <source-map-file> <moduleId>.js <line> [column]',
    '  ' + __filename + ' <source-map-file> <mapfile>.profmap',
    '  ' +
    __filename +
    ' <source-map-file> --attribution <in.jsonl > out.jsonl',
    '  ' + __filename + ' <source-map-file> <tracefile>.cpuprofile',
    'Optional flags:',
    '--no-function-names',
    '--hermes-crash',
    '--input-line-start <line> (default: 1)',
    '--input-column-start <column> (default: 0)',
    '--output-line-start <line> (default: 1)',
    '--output-column-start <column> (default: 0)',
  ];
  console.error(usages.join("\n"));
  return 1;
}

// Read the source map.
const sourceMapFileName = argv.shift();
const options = {
  nameSource: noFunctionNames ? 'identifier_names' : 'function_names',
  inputLineStart,
  inputColumnStart,
  outputLineStart,
  outputColumnStart,
};
let context;
if (fs.lstatSync(sourceMapFileName).isDirectory()) {
  context = Symbolication.unstable_createDirectoryContext(
    SourceMapConsumer,
    sourceMapFileName,
    options,
  );
} else {

```

```

const content = fs.readFileSync(sourceMapFileName, 'utf8');
context = Symbolication.createContext(
  SourceMapConsumer,
  content,
  options,
);
}
if (argv.length === 0) {
  const stackTrace = await readAll(stdin);
  if (isHermesCrash) {
    const stackTraceJSON = JSON.parse(stackTrace);
    const symbolicatedTrace = context.symbolicateHermesMinidumpTrace(
      stackTraceJSON,
    );
    stdout.write(JSON.stringify(symbolicatedTrace));
  } else {
    stdout.write(context.symbolicate(stackTrace));
  }
} else if (argv[0].endsWith('.profmap')) {
  stdout.write(context.symbolicateProfilerMap(argv[0]));
} else if (argv[0] === '--attribution') {
  let buffer = "";
  await waitForStream(
    stdin
    .pipe(
      through2(function(data, enc, callback) {
        // Take arbitrary strings, output single lines
        buffer += data;
        const lines = buffer.split('\n');
        for (let i = 0, e = lines.length - 1; i < e; i++) {
          this.push(lines[i]);
        }
        buffer = lines[lines.length - 1];
        callback();
      }),
    )
    .pipe(
      through2.obj(function(data, enc, callback) {
        // This is JSONL, so each line is a separate JSON object
        const obj = JSON.parse(data);
        context.symbolicateAttribution(obj);
        this.push(JSON.stringify(obj) + '\n');
        callback();
      }),
    )
    .pipe(stdout),
  );
} else if (argv[0].endsWith('.cpuprofile')) {

```

```

// NOTE: synchronous
context.symbolicateChromeTrace(argv[0], {stdout, stderr});
} else {
// read-from-argv form.
let moduleIds;
if (argv[0].endsWith('.js')) {
moduleIds = context.parseFileName(argv[0]);
argv.shift();
} else {
moduleIds = null;
}
const lineNumber = argv.shift();
const columnNumber = argv.shift() || 0;
const original = context.getOriginalPositionFor(
+lineNumber,
+columnNumber,
// $FlowFixMe context is a union here and so this parameter is a union
moduleIds,
);
stdout.write(
[
original.source ?? 'null',
original.line ?? 'null',
original.name ?? 'null',
].join(':') + '\n',
);
}
} catch (error) {
stderr.write(error + '\n');
return 1;
}
return 0;
}

```

```

function readAll(stream) {
return new Promise(resolve => {
let data = "";
if (stream.isTTY === true) {
resolve(data);
return;
}
}

```

```

stream.setEncoding('utf8');
stream.on('readable', () => {
let chunk;
// flowlint-next-line sketchy-null-string:off
while ((chunk = stream.read())) {
data += chunk.toString();
}
}

```

```
    }
  });
  stream.on('end', () => {
    resolve(data);
  });
});
}

function waitForStream(stream) {
  return new Promise(resolve => {
    stream.on('finish', resolve);
  });
}

if (require.main === module) {
  main().then(code => process.exit(code));
}

module.exports = main;
```

Found in path(s):

* /opt/cola/permits/1168299832_1621972687.08/0/metro-symbolicate-0-59-0-tgz/package/src/symbolicate.js.flow

1.101 json-format 1.0.1

1.101.1 Available under license :

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```
/*
  change for npm modules.
  by Luiz Estácio.

  json-format v.1.1
  http://github.com/phoboslab/json-format

  Released under MIT license:
  http://www.opensource.org/licenses/mit-license.php
*/
```

Found in path(s):

* /opt/cola/permits/1200860228_1631022894.32/0/json-format-1-0-1-tgz/package/index.js

1.102 colorette 1.4.0

1.102.1 Available under license :

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1.103 @babel/highlight 7.16.10

1.103.1 Available under license :

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1.104 use-subscription 1.5.1

1.104.1 Available under license :

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1.105 is-wsl 2.2.0

1.105.1 Available under license :

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1.106 strict-uri-encode 1.1.0

1.106.1 Available under license :

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1.107 @babel/plugin-syntax-numeric-separator 7.10.4

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1.108 png-js 3.4.0

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1.109 escape-string-regexp 1.0.5

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1.110 cache-base 1.0.1

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1.111 npm-run-path 2.0.2

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1.112 util-deprecate 1.0.2

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util-deprecate

=====

The Node.js `util.deprecate()` function with browser support

In Node.js, this module simply re-exports the `util.deprecate()` function.

In the web browser (i.e. via browserify), a browser-specific implementation of the `util.deprecate()` function is used.

API

A `deprecate()` function is the only thing exposed by this module.

```
``` javascript
```

```
// setup:
```

```
exports.foo = deprecate(foo, 'foo() is deprecated, use bar() instead');
```

```
// users see:
```

```
foo();
```

```
// foo() is deprecated, use bar() instead
```

```
foo();
```

```
foo();
```

```
```
```

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Found in path(s):

* /opt/cola/permits/1162001807_1620776304.13/0/fis-components-util-deprecate-1-0-2-0-geb62f48-1-tar-gz/fis-components-util-deprecate-d252d2b/README.md

1.113 setprototypeof 1.2.0

1.113.1 Available under license :

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1.114 escape-html 1.0.3

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1.115 @babel/plugin-bugfix-v8-spread-parameters-in-optional-chaining 7.16.7

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1.116 @react-native-community/masked-view

0.1.11

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 * @flow
 * @format
 */
```

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* /opt/cola/permits/1255330527_1642547376.54/0/masked-view-0-1-11-tgz/package/js/MaskedView.js
```

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```

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* /opt/cola/permits/1255330527_1642547376.54/0/masked-view-0-1-11-tgz/package/ios/RNCMaskedView.h
* /opt/cola/permits/1255330527_1642547376.54/0/masked-view-0-1-11-tgz/package/ios/RNCMaskedView.m
* /opt/cola/permits/1255330527_1642547376.54/0/masked-view-0-1-11-tgz/package/ios/RNCMaskedViewManager.m
* /opt/cola/permits/1255330527_1642547376.54/0/masked-view-0-1-11-tgz/package/ios/RNCMaskedViewManager.h
```

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React Native MaskedView

```
[![Build Status][build-badge]][build]
[![Version][version-badge]][package]
[![MIT License][license-badge]][license]
[![Lean Core Badge][lean-core-badge]][lean-core-issue]
```

React Native MaskedView for iOS and Android.

Platforms Supported

- [x] iOS
- [x] Android

Note: React Native MaskedView is not currently supported by Expo unless you "eject".

Getting Started

```
...
$ yarn add @react-native-community/masked-view
...
```

or

```
...
$ npm install --save @react-native-community/masked-view
...
```

Using React Native >= 0.60

Linking the package manually is not required anymore with [Autolinking](<https://github.com/react-native-community/cli/blob/master/docs/autolinking.md>).

- **iOS Platform:**

```
`$ cd ios && pod install`
```

Using React Native < 0.60

You then need to link the native parts of the library for the platforms you are using. The easiest way to link the library is using the CLI tool by running this command from the root of your project:

```
...
$ react-native link @react-native-community/masked-view
...
```


Usage

Import the `MaskedView` component from `@react-native-community/masked-view` and use it like so:

```
```jsx
import React from 'react';
import { Text, View } from 'react-native';
import MaskedView from '@react-native-community/masked-view';

export default class App extends React.Component {
 render() {
 return (
 <MaskedView
 style={{ flex: 1, flexDirection: 'row', height: '100%' }}
 maskElement={
 <View
 style={{
 // Transparent background because mask is based off alpha channel.
 backgroundColor: 'transparent',
 flex: 1,
 justifyContent: 'center',
 alignItems: 'center'
 }}
 >
 <Text
 style={{
 fontSize: 60,
 color: 'black',
 fontWeight: 'bold'
 }}
 >
 Basic Mask
 </Text>
 </View>
 >
 { /* Shows behind the mask, you can put anything here, such as an image */ }
 <View style={{ flex: 1, height: '100%', backgroundColor: '#324376' }} />
 <View style={{ flex: 1, height: '100%', backgroundColor: '#F5DD90' }} />
 <View style={{ flex: 1, height: '100%', backgroundColor: '#F76C5E' }} />
 <View style={{ flex: 1, height: '100%', backgroundColor: '#e1e1e1' }} />
 </MaskedView>
);
 }
}
```
```

The following image demonstrates that you can put almost anything behind the mask. The three examples shown are

masked ``<View>``, ``<Text>``, and ``<Image>``.

```
<p align="center"></img></p>
```

Props

- [View props...](https://github.com/facebook/react-native-website/blob/master/docs/view.md#props)

* [`maskElement`] (`#maskelement`)

Reference

Props

``maskElement``

Type	Required
-----	-----
element	Yes

<!-- badges -->

[build-badge]: <https://img.shields.io/circleci/project/github/react-native-community/react-native-masked-view/master.svg?style=flat-square>

[build]: <https://circleci.com/gh/react-native-community/react-native-masked-view>

[version-badge]: <https://img.shields.io/npm/v/@react-native-community/masked-view.svg?style=flat-square>

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[lean-core-badge]: <https://img.shields.io/badge/Lean%20Core-Extracted-brightgreen.svg?style=flat-square>

[lean-core-issue]: <https://github.com/facebook/react-native/issues/23313>

Found in path(s):

* `/opt/cola/permits/1255330527_1642547376.54/0/masked-view-0-1-11-tgz/package/README.md`

1.117 side-channel 1.0.4

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1.118 @expo/vector-icons 12.0.5

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1.119 plist 3.0.4

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1.120 jest-haste-map 26.6.2

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1.121 metro-minify-uglify 0.66.2

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 */
```

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```
* /opt/cola/permits/1235010811_1638334309.95/0/metro-minify-uglify-0-66-2-tgz/package/src/index.js
* /opt/cola/permits/1235010811_1638334309.95/0/metro-minify-uglify-0-66-2-tgz/package/src/minifier.js
```

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```

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*

* @flow strict-local

* @format

*/

'use strict';

const minifier = require('./minifier');

module.exports = minifier;

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*

* @flow strict-local

* @format

*/

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* /opt/cola/permits/1235010811_1638334309.95/0/metro-minify-uglify-0-66-2-tgz/package/src/minifier.js.flow

1.122 strip-ansi 5.2.0

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1.123 yargs-parser 21.0.0

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1.124 d3-time-format 2.3.0

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1.125 @babel/plugin-syntax-dynamic-import

7.8.3

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1.127 boolbase 1.0.0

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1.129 simple-swizzle 0.2.2

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1.130 fs-extra 9.0.0

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1.131 @babel/plugin-proposal-optional-catch-binding 7.16.7

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1.132 extend-shallow 3.0.2

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1.133 babel-plugin-styled-components 2.0.6

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1.134 minimatch 3.1.2

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1.135 mime 1.6.0

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1.136 hapi-topo 5.1.0

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1.137 @expo/sdk-runtime-versions 1.0.0

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1.138 babel-plugin-transform-member-expression-literals 7.16.7

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1.139 reusify 1.0.4

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1.140 @babel/helper-get-function-arity 7.16.7

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1.141 babel-plugin-transform-reserved-words 7.16.7

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1.142 is-accessor-descriptor 0.1.6

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1.143 y18n 4.0.3

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1.144 babel-plugin-syntax-typescript 7.16.7

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1.145 raf 3.4.1

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1.146 pako 1.0.11

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1.147 fastq 1.13.0

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1.148 @babel/plugin-transform-duplicate-keys 7.16.7

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1.149 commander 7.2.0

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1.151 react-native-screens 3.8.0

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1.152 @jridgewell/trace-mapping 0.3.4

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1.153 snapdragon-util 3.0.1

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1.154 uuid 7.0.3

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1.155 react-native-splash-screen 3.2.0

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1.156 ansi-styles 4.3.0

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1.157 @babel/plugin-proposal-class-static-block 7.17.6

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1.159 @react-native-community/cli-platform-android 6.3.0

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1.160 loose-envify 1.4.0

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1.162 css-color-keywords 1.0.0

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1.163 @react-navigation/core 5.16.1

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1.164 bplist-creator 0.1.0

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1.165 ws 7.5.7

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1.166 js-base64 2.5.1

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1.167 @expo/config-types 44.0.0

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1.168 browserslist 4.20.0

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1.169 babel-plugin-react-native-web 0.17.7

1.169.1 Available under license :

MIT

1.170 onetime 2.0.1

1.170.1 Available under license :

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1.171 base64-js 1.5.1

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1.172 jpeg-js 0.4.3

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1.173 dayjs 1.10.8

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1.174 Iodash-frompairs 4.0.1

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1.175 fs.realpath 1.0.0

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1.176 depd 1.1.2

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1.177 is-extendable 1.0.1

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1.178 @babel/plugin-syntax-class-static-block 7.14.5

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1.179 is-core-module 2.8.1

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1.180 expo-updates-interface 0.4.0

1.180.1 Available under license :

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Found in path(s):

* /opt/cola/permits/1226617622_1636579957.74/0/expo-updates-interface-0-4-0-tgz/package/ios/EXUpdatesInterface/EXUpdatesExternalInterface.h

1.181 get-intrinsic 1.1.1

1.181.1 Available under license :

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1.182 query-string 6.14.1

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1.183 metro-react-native-babel-preset 0.59.0

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 *
 * @format
 */
```

Found in path(s):

```
* /opt/cola/permits/1168294325_1621972901.48/0/metro-react-native-babel-preset-0-59-0-tgz/package/src/index.js
* /opt/cola/permits/1168294325_1621972901.48/0/metro-react-native-babel-preset-0-59-0-tgz/package/src/passthrough-syntax-plugins.js
* /opt/cola/permits/1168294325_1621972901.48/0/metro-react-native-babel-preset-0-59-0-tgz/package/src/configs/lazy-imports.js
* /opt/cola/permits/1168294325_1621972901.48/0/metro-react-native-babel-preset-0-59-0-tgz/package/src/configs/hmr.js
* /opt/cola/permits/1168294325_1621972901.48/0/metro-react-native-babel-preset-0-59-0-tgz/package/src/configs/main.js
```

1.184 helloworld 0.0.1

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 * directory of this source tree.
 */
```

Found in path(s):

```
* /opt/cola/permits/1172272235_1623266644.66/0/template-66-
zip/template/android/app/src/debug/java/com/helloworld/ReactNativeFlipper.java
```

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```
#!/usr/bin/env sh
```

```
#
```

```

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#

#####
##
## Gradle start up script for UN*X
##
#####

# Attempt to set APP_HOME
# Resolve links: $0 may be a link
PRG="$0"
# Need this for relative symlinks.
while [ -h "$PRG" ] ; do
    ls=`ls -ld "$PRG"`
    link=`expr "$ls" : '.*-> \(.*\)${'`
    if expr "$link" : '/.*' > /dev/null; then
        PRG="$link"
    else
        PRG=`dirname "$PRG"`"/$link"
    fi
done
SAVED=""`pwd`"
cd "`dirname \"$PRG\"`/" >/dev/null
APP_HOME=""`pwd -P`"
cd "$SAVED" >/dev/null

APP_NAME="Gradle"
APP_BASE_NAME=`basename "$0`"

# Add default JVM options here. You can also use JAVA_OPTS and GRADLE_OPTS to pass JVM options to this
script.
DEFAULT_JVM_OPTS=""-Xmx64m" "-Xms64m""

# Use the maximum available, or set MAX_FD != -1 to use that value.
MAX_FD="maximum"

```



```

warn () {
    echo "$*"
}

die () {
    echo
    echo "$*"
    echo
    exit 1
}

# OS specific support (must be 'true' or 'false').
cygwin=false
msys=false
darwin=false
nonstop=false
case "`uname`" in
CYGWIN*)
    cygwin=true
    ;;
Darwin*)
    darwin=true
    ;;
MINGW*)
    msys=true
    ;;
NONSTOP*)
    nonstop=true
    ;;
esac

CLASSPATH=$APP_HOME/gradle/wrapper/gradle-wrapper.jar

# Determine the Java command to use to start the JVM.
if [ -n "$JAVA_HOME" ] ; then
    if [ -x "$JAVA_HOME/jre/sh/java" ] ; then
        # IBM's JDK on AIX uses strange locations for the executables
        JAVACMD="$JAVA_HOME/jre/sh/java"
    else
        JAVACMD="$JAVA_HOME/bin/java"
    fi
    if [ ! -x "$JAVACMD" ] ; then
        die "ERROR: JAVA_HOME is set to an invalid directory: $JAVA_HOME

Please set the JAVA_HOME variable in your environment to match the
location of your Java installation."
    fi

```

```

else
  JAVACMD="java"
  which java >/dev/null 2>&1 || die "ERROR: JAVA_HOME is not set and no 'java' command could be found in
your PATH.

```

Please set the JAVA_HOME variable in your environment to match the location of your Java installation."

```
fi
```

```

# Increase the maximum file descriptors if we can.
if [ "$cygwin" = "false" -a "$darwin" = "false" -a "$nonstop" = "false" ] ; then
  MAX_FD_LIMIT=`ulimit -H -n`
  if [ $? -eq 0 ] ; then
    if [ "$MAX_FD" = "maximum" -o "$MAX_FD" = "max" ] ; then
      MAX_FD="$MAX_FD_LIMIT"
    fi
    ulimit -n $MAX_FD
    if [ $? -ne 0 ] ; then
      warn "Could not set maximum file descriptor limit: $MAX_FD"
    fi
  else
    warn "Could not query maximum file descriptor limit: $MAX_FD_LIMIT"
  fi
fi

```

```

# For Darwin, add options to specify how the application appears in the dock
if $darwin; then
  GRADLE_OPTS="$GRADLE_OPTS \-Xdock:name=$APP_NAME\ \-
Xdock:icon=$APP_HOME/media/gradle.icns\\""
fi

```

```

# For Cygwin or MSYS, switch paths to Windows format before running java
if [ "$cygwin" = "true" -o "$msys" = "true" ] ; then
  APP_HOME=`cygpath --path --mixed "$APP_HOME"`
  CLASSPATH=`cygpath --path --mixed "$CLASSPATH"`
  JAVACMD=`cygpath --unix "$JAVACMD"`

```

```

# We build the pattern for arguments to be converted via cygpath
ROOTDIRSRAW=`find -L / -maxdepth 1 -mindepth 1 -type d 2>/dev/null`
SEP=""
for dir in $ROOTDIRSRAW ; do
  ROOTDIRS="$ROOTDIRS$SEP$dir"
  SEP="|"
done
OURCYGPATTERN="(^($ROOTDIRS))"
# Add a user-defined pattern to the cygpath arguments
if [ "$GRADLE_CYGPATTERN" != "" ] ; then
  OURCYGPATTERN="$OURCYGPATTERN|($GRADLE_CYGPATTERN)"

```

```

fi
# Now convert the arguments - kludge to limit ourselves to /bin/sh
i=0
for arg in "$@" ; do
    CHECK=`echo "$arg"|egrep -c "$SOURCYGPATTERN" -`
    CHECK2=`echo "$arg"|egrep -c "^-"`           ### Determine if an option

    if [ $CHECK -ne 0 ] && [ $CHECK2 -eq 0 ] ; then        ### Added a condition
        eval `echo args$i`=`cygpath --path --ignore --mixed "$arg"`
    else
        eval `echo args$i`="\ "$arg\"
    fi
    i=`expr $i + 1`
done
case $i in
  0) set -- ;;
  1) set -- "$args0" ;;
  2) set -- "$args0" "$args1" ;;
  3) set -- "$args0" "$args1" "$args2" ;;
  4) set -- "$args0" "$args1" "$args2" "$args3" ;;
  5) set -- "$args0" "$args1" "$args2" "$args3" "$args4" ;;
  6) set -- "$args0" "$args1" "$args2" "$args3" "$args4" "$args5" ;;
  7) set -- "$args0" "$args1" "$args2" "$args3" "$args4" "$args5" "$args6" ;;
  8) set -- "$args0" "$args1" "$args2" "$args3" "$args4" "$args5" "$args6" "$args7" ;;
  9) set -- "$args0" "$args1" "$args2" "$args3" "$args4" "$args5" "$args6" "$args7" "$args8" ;;
esac
fi

# Escape application args
save () {
    for i do printf %s\n "$i" | sed "s/'/\\'/g;1s/^/';/$/ \\'/"; done
    echo " "
}
APP_ARGS=`save "$@"`

# Collect all arguments for the java command, following the shell quoting and substitution rules
eval set -- $DEFAULT_JVM_OPTS $JAVA_OPTS $GRADLE_OPTS "\-
Dorg.gradle.appname=$APP_BASE_NAME\" -classpath \"\$CLASSPATH\"
org.gradle.wrapper.GradleWrapperMain \"$APP_ARGS"

exec "$JAVACMD" "$@"

Found in path(s):
* /opt/cola/permits/1172272235_1623266644.66/0/template-66-zip/template/android/gradlew
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* /opt/cola/permits/1172272235_1623266644.66/0/template-66-zip/template/android/gradlew.bat

1.185 require-main-filename 2.0.0

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1.186 jsesc 0.5.0

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1.187 @babel/helper-remap-async-to-generator 7.16.8

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1.188 csstype 3.0.11

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1.189 color-string 1.9.0

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1.190 isobject 3.0.1

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1.191 isexe 2.0.0

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1.192 ms 2.1.3

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1.193 is-wsl 1.1.0

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1.194 jwt-decode 2.2.0

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1.195 query-string 5.1.1

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1.196 babel-plugin-syntax-nullish-coalescing-operator 7.8.3

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1.197 etag 1.8.1

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1.198 p-try 2.2.0

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1.199 caller-callsite 2.0.0

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1.200 inline-style-prefixer 6.0.1

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1.201 import-fresh 2.0.0

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1.202 @babel/plugin-transform-regenerator

7.16.7

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1.203 getenv 1.0.0

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1.204 resolve-url 0.2.1

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1.205 parse-json 4.0.0

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1.206 @codler/react-native-keyboard-aware-scroll-view 1.0.1

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1.207 expo-constants 12.1.3

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```
* /opt/cola/permits/1226617318_1636580024.19/0/expo-constants-12-1-3-  
tgz/package/ios/EXConstants/EXConstantsService.h  
* /opt/cola/permits/1226617318_1636580024.19/0/expo-constants-12-1-3-  
tgz/package/ios/EXConstants/EXConstantsService.m  
* /opt/cola/permits/1226617318_1636580024.19/0/expo-constants-12-1-3-  
tgz/package/ios/EXConstants/EXConstantsInstallationIdProvider.h  
* /opt/cola/permits/1226617318_1636580024.19/0/expo-constants-12-1-3-  
tgz/package/ios/EXConstants/EXConstantsInstallationIdProvider.m  
* /opt/cola/permits/1226617318_1636580024.19/0/expo-constants-12-1-3-  
tgz/package/ios/EXConstants/EXConstants.h  
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tgz/package/android/src/main/java/expo/modules/constants/ConstantsModule.kt  
* /opt/cola/permits/1226617318_1636580024.19/0/expo-constants-12-1-3-  
tgz/package/ios/EXConstants/EXConstants.m
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1.208 regenerator-runtime 0.13.9

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1.209 wrappy 1.0.2

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1.210 expo-updates 0.10.15

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- * /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-tgz/package/ios/Tests/EXUpdatesNewUpdateTests.m
- * /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-tgz/package/ios/Tests/EXUpdatesLegacyUpdateTests.m
- * /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-tgz/package/ios/Tests/Tests.m
- * /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-tgz/package/ios/Tests/EXUpdatesReaperSelectionPolicyFilterAwareTests.m
- * /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-tgz/package/ios/Tests/EXUpdatesUpdateTests.m

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- * /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-tgz/package/ios/EXUpdates/EXUpdatesAppController.m
- * /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-tgz/package/ios/EXUpdates/EXUpdatesAppController.h
- * /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-

tgz/package/ios/EXUpdates/AppLoader/EXUpdatesFileDownloader.m
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/Database/EXUpdatesReaper.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/AppLoader/EXUpdatesFileDownloader.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/Database/EXUpdatesReaper.m
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/EXUpdatesModule.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/AppLoader/EXUpdatesAppLoader.m
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/AppLoader/EXUpdatesCrypto.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/AppLoader/EXUpdatesAppLoader.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/Update/EXUpdatesNewUpdate.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/AppLauncher/EXUpdatesAppLauncher.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/AppLoader/EXUpdatesAppLoader+Private.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/Update/EXUpdatesNewUpdate.m
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/EXUpdatesUtils.m
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/EXUpdatesUtils.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/AppLoader/EXUpdatesAsset.m
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/EXUpdatesConfig.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/AppLoader/EXUpdatesAsset.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/Database/EXUpdatesDatabase.h
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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/AppLauncher/EXUpdatesAppLauncherWithDatabase.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/Update/EXUpdatesUpdate+Private.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/AppLoader/EXUpdatesEmbeddedAppLoader.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/AppLoader/EXUpdatesRemoteAppLoader.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/AppLoader/EXUpdatesRemoteAppLoader.m
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Found in path(s):

* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/AppLoader/EXUpdatesAppLoaderTask.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/AppLoader/EXUpdatesAppLoaderTask.m
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Found in path(s):

* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/SelectionPolicy/EXUpdatesSelectionPolicies.m
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/SelectionPolicy/EXUpdatesSelectionPolicies.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/Database/Migrations/EXUpdatesDatabaseMigration.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/EXUpdatesDevLauncherController.m
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/Database/Migrations/EXUpdatesDatabaseMigration5To6.m
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/Database/Migrations/EXUpdatesDatabaseMigrationRegistry.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-

tgz/package/ios/EXUpdates/Database/Migrations/EXUpdatesDatabaseMigration5To6.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/SelectionPolicy/EXUpdatesReaperSelectionPolicy.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/SelectionPolicy/EXUpdatesLauncherSelectionPolicySingleUpdate.m
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/SelectionPolicy/EXUpdatesReaperSelectionPolicyFilterAware.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/SelectionPolicy/EXUpdatesReaperSelectionPolicyFilterAware.m
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/EXUpdatesDevLauncherController.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
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tgz/package/ios/EXUpdates/EXUpdatesAppController+Internal.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/SelectionPolicy/EXUpdatesLoaderSelectionPolicy.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/Database/Migrations/EXUpdatesDatabaseMigration4To5.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
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tgz/package/ios/EXUpdates/SelectionPolicy/EXUpdatesSelectionPolicyFactory.m
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/SelectionPolicy/EXUpdatesSelectionPolicyFactory.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/SelectionPolicy/EXUpdatesReaperSelectionPolicyDevelopmentClient.h
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-
tgz/package/ios/EXUpdates/SelectionPolicy/EXUpdatesLauncherSelectionPolicyFilterAware.m
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Found in path(s):

* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-tgz/package/ios/EXUpdates/EXUpdatesService.h

* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-tgz/package/ios/EXUpdates/EXUpdatesService.m

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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-tgz/package/ios/EXUpdates/EXUpdatesModule.m

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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-tgz/package/ios/EXUpdates/EXUpdatesAppDelegate.h

* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-tgz/package/ios/EXUpdates/EXUpdatesAppDelegate.m

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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-tgz/package/ios/EXUpdates/AppLoader/EXUpdatesCrypto.m

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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-tgz/package/ios/EXUpdates/AppLauncher/EXUpdatesAppLauncherWithDatabase+Tests.h

* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-tgz/package/ios/EXUpdates/Database/EXUpdatesDatabaseInitialization.h

* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-tgz/package/ios/EXUpdates/Database/EXUpdatesDatabase+Tests.h

* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-tgz/package/ios/EXUpdates/Database/EXUpdatesDatabaseInitialization.m

* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-tgz/package/ios/EXUpdates/Database/EXUpdatesDatabaseIntegrityCheck.h

* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-tgz/package/ios/EXUpdates/Database/EXUpdatesDatabaseUtils.m

* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-tgz/package/ios/EXUpdates/Database/EXUpdatesDatabaseUtils.h

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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-  
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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-  
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Found in path(s):

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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-  
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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-  
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tgz/package/ios/Tests/EXUpdatesDatabaseIntegrityCheckTests.m  
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-  
tgz/package/ios/Tests/EXUpdatesSelectionPolicyFilterAwareTests.m  
* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-  
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* /opt/cola/permits/1235011032_1638334289.88/0/expo-updates-0-10-15-  
tgz/package/ios/Tests/EXUpdatesAppLauncherWithDatabaseTests.m
```

1.211 @types/react 17.0.39

1.211.1 Available under license :

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1.212 exec-sh 0.3.6

1.212.1 Available under license :

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1.213 react-devtools-core 4.23.0

1.213.1 Available under license :

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```
!function(e){var t={};function r(n){if(t[n])return t[n].exports;var i=t[n]={i:n,l:!1,exports:{}};return e[n].call(i.exports,i,i.exports,r),i.l=!0,i.exports}r.m=e,r.c=t,r.d=function(e,t,n){r.o(e,t)||Object.defineProperty(e,t,{enumerable:!0,get:n})},r.r=function(e){"undefined"!==typeof Symbol&&Symbol.toStringTag&&Object.defineProperty(e,Symbol.toStringTag,{value:"Module"}),Object.defineProperty(e,"__esModule",{value:!0})},r.t=function(e,t){if(1&&(e=r(e)),8&&)return e;if(4&&"object"===typeof e&&e.__esModule)return e;var n=Object.create(null);if(r.r(n),Object.defineProperty(n,"default",{enumerable:!0,value:e}),2&&"string"!==typeof e)for(var i in e)r.d(n,i,function(t){return e[t]}.bind(null,i));return n},r.n=function(e){var t=e&&e.__esModule?function(){return e.default}:function(){return e};return r.d(t,"a",t),r.o=function(e,t){return Object.prototype.hasOwnProperty.call(e,t)},r.p="",r.s=375)}([function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0});var n={react:!0,assertNode:!0,createTypeAnnotationBasedOnTypeof:!0,createUnionTypeAnnotation:!0,createFlowUnionType:!0,createTSUnionType:!0,cloneNode:!0,clone:!0,cloneDeep:!0,cloneDeepWithoutLoc:!0,cloneWithoutLoc:!0,addComment:!0,addComments:!0,inheritInnerComments:!0,inheritLeadingComments:!0,inheritsComments:!0,inh
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:!0,removeTypeDuplicates:!0,getBindingIdentifiers:!0,getOuterBindingIdentifiers:!0,truncate:!0,truncateFast:!0,shall
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de.default}}),t.react=void 0;var
i=fe(r(133)),s=fe(r(134)),a=fe(r(135)),o=fe(r(216)),l=r(217);Object.keys(l).forEach((function(e){"default"!==e&&"
__esModule"!==e&&(Object.prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]===l[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return l[e]}})})));var
c=fe(r(218)),p=fe(r(219)),u=fe(r(220)),d=r(4);Object.keys(d).forEach((function(e){"default"!==e&&"__esModule"!
===e&&(Object.prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]===d[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return d[e]}})})));var
h=fe(r(14)),f=fe(r(222)),m=fe(r(223)),y=fe(r(224)),T=fe(r(225)),b=fe(r(226)),g=fe(r(86)),S=fe(r(87)),x=fe(r(88)),E=
fe(r(89)),P=fe(r(90)),v=fe(r(227)),A=r(228);Object.keys(A).forEach((function(e){"default"!==e&&"__esModule"!
===e&&(Object.prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]===A[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return A[e]}})})));var
w=r(13);Object.keys(w).forEach((function(e){"default"!==e&&"__esModule"!==e&&(Object.prototype.hasOwnProperty.Pr
operty.call(n,e))|e in t&&t[e]===w[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return
w[e]}})})));var
O=fe(r(229)),I=fe(r(230)),C=fe(r(91)),N=fe(r(231)),k=fe(r(232)),D=fe(r(92)),_=fe(r(233)),L=fe(r(234)),M=fe(r(236
)),j=fe(r(237)),F=r(5);Object.keys(F).forEach((function(e){"default"!==e&&"__esModule"!==e&&(Object.prototype
.hasOwnProperty.call(n,e))|e in t&&t[e]===F[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return
F[e]}})})));var
R=fe(r(241)),B=fe(r(242)),U=fe(r(243)),V=fe(r(95)),K=fe(r(93)),q=fe(r(85)),Y=fe(r(35)),W=fe(r(244)),X=fe(r(245
)),J=fe(r(94)),H=fe(r(39)),G=fe(r(34)),z=fe(r(246)),S=fe(r(247)),Q=fe(r(248)),Z=fe(r(96)),ee=fe(r(84)),te=fe(r(249)),
re=fe(r(82)),ne=fe(r(250)),ie=fe(r(251)),se=fe(r(252)),ae=fe(r(51)),oe=fe(r(253)),le=fe(r(23)),ce=fe(r(254)),pe=fe(r(
65)),ue=fe(r(52)),de=fe(r(64)),he=r(2);function fe(e){return
e&&e.__esModule?:{default:e}}Object.keys(he).forEach((function(e){"default"!==e&&"__esModule"!==e&&(O
bject.prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]===he[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return he[e]}})})));const
me={isReactComponent:i.default,isCompatTag:s.default,buildChildren:a.default};t.react=me},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.isArrayExpression=function(e,t){if(!e)return!1;if("Array
Expression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isAssignmentExpression=function(e,t){if(!e)return!1;if("AssignmentExpression"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isBinaryExpression=function(e,t){if(!e)return!1;if("BinaryExpression"===e.type
)return void
0===t||(0,n.default)(e,t);return!1},t.isInterpreterDirective=function(e,t){if(!e)return!1;if("InterpreterDirective"===e.t

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ype)return void
0===t||(0,n.default)(e,t);return!1},t.isDirective=function(e,t){if(!e)return!1;if("Directive"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDirectiveLiteral=function(e,t){if(!e)return!1;if("DirectiveLiteral"===e.type)ret
urn void
0===t||(0,n.default)(e,t);return!1},t.isBlockStatement=function(e,t){if(!e)return!1;if("BlockStatement"===e.type)ret
urn void
0===t||(0,n.default)(e,t);return!1},t.isBreakStatement=function(e,t){if(!e)return!1;if("BreakStatement"===e.type)ret
urn void
0===t||(0,n.default)(e,t);return!1},t.isCallExpression=function(e,t){if(!e)return!1;if("CallExpression"===e.type)retur
n void
0===t||(0,n.default)(e,t);return!1},t.isCatchClause=function(e,t){if(!e)return!1;if("CatchClause"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isConditionalExpression=function(e,t){if(!e)return!1;if("ConditionalExpression"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isContinueStatement=function(e,t){if(!e)return!1;if("ContinueStatement"===e.ty
pe)return void
0===t||(0,n.default)(e,t);return!1},t.isDebuggerStatement=function(e,t){if(!e)return!1;if("DebuggerStatement"===e.t
ype)return void
0===t||(0,n.default)(e,t);return!1},t.isDoWhileStatement=function(e,t){if(!e)return!1;if("DoWhileStatement"===e.ty
pe)return void
0===t||(0,n.default)(e,t);return!1},t.isEmptyStatement=function(e,t){if(!e)return!1;if("EmptyStatement"===e.type)re
turn void
0===t||(0,n.default)(e,t);return!1},t.isExpressionStatement=function(e,t){if(!e)return!1;if("ExpressionStatement"===
e.type)return void 0===t||(0,n.default)(e,t);return!1},t.isFile=function(e,t){if(!e)return!1;if("File"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isForInStatement=function(e,t){if(!e)return!1;if("ForInStatement"===e.type)retu
rn void
0===t||(0,n.default)(e,t);return!1},t.isForStatement=function(e,t){if(!e)return!1;if("ForStatement"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isFunctionDeclaration=function(e,t){if(!e)return!1;if("FunctionDeclaration"===e
.type)return void
0===t||(0,n.default)(e,t);return!1},t.isFunctionExpression=function(e,t){if(!e)return!1;if("FunctionExpression"===e.
type)return void
0===t||(0,n.default)(e,t);return!1},t.isIdentifier=function(e,t){if(!e)return!1;if("Identifier"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isIfStatement=function(e,t){if(!e)return!1;if("IfStatement"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isLabeledStatement=function(e,t){if(!e)return!1;if("LabeledStatement"===e.type
)return void
0===t||(0,n.default)(e,t);return!1},t.isStringLiteral=function(e,t){if(!e)return!1;if("StringLiteral"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isNumericLiteral=function(e,t){if(!e)return!1;if("NumericLiteral"===e.type)retu
rn void
0===t||(0,n.default)(e,t);return!1},t.isNullLiteral=function(e,t){if(!e)return!1;if("NullLiteral"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isBooleanLiteral=function(e,t){if(!e)return!1;if("BooleanLiteral"===e.type)retu
rn void
0===t||(0,n.default)(e,t);return!1},t.isRegExpLiteral=function(e,t){if(!e)return!1;if("RegExpLiteral"===e.type)retu
rn void
0===t||(0,n.default)(e,t);return!1},t.isLogicalExpression=function(e,t){if(!e)return!1;if("LogicalExpression"===e.ty
pe)return void

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0===t||(0,n.default)(e,t);return!1},t.isMemberExpression=function(e,t){if(!e)return!1;if("MemberExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isNewExpression=function(e,t){if(!e)return!1;if("NewExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isProgram=function(e,t){if(!e)return!1;if("Program"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectExpression=function(e,t){if(!e)return!1;if("ObjectExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectMethod=function(e,t){if(!e)return!1;if("ObjectMethod"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectProperty=function(e,t){if(!e)return!1;if("ObjectProperty"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isRestElement=function(e,t){if(!e)return!1;if("RestElement"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isReturnStatement=function(e,t){if(!e)return!1;if("ReturnStatement"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isSequenceExpression=function(e,t){if(!e)return!1;if("SequenceExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isParenthesizedExpression=function(e,t){if(!e)return!1;if("ParenthesizedExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isSwitchCase=function(e,t){if(!e)return!1;if("SwitchCase"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isSwitchStatement=function(e,t){if(!e)return!1;if("SwitchStatement"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isThisExpression=function(e,t){if(!e)return!1;if("ThisExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isThrowStatement=function(e,t){if(!e)return!1;if("ThrowStatement"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTryStatement=function(e,t){if(!e)return!1;if("TryStatement"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isUnaryExpression=function(e,t){if(!e)return!1;if("UnaryExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isUpdateExpression=function(e,t){if(!e)return!1;if("UpdateExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isVariableDeclaration=function(e,t){if(!e)return!1;if("VariableDeclaration"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isVariableDeclarator=function(e,t){if(!e)return!1;if("VariableDeclarator"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isWhileStatement=function(e,t){if(!e)return!1;if("WhileStatement"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isWithStatement=function(e,t){if(!e)return!1;if("WithStatement"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isAssignmentPattern=function(e,t){if(!e)return!1;if("AssignmentPattern"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isArrayPattern=function(e,t){if(!e)return!1;if("ArrayPattern"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isArrowFunctionExpression=function(e,t){if(!e)return!1;if("ArrowFunctionExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isClassBody=function(e,t){if(!e)return!1;if("ClassBody"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isClassExpression=function(e,t){if(!e)return!1;if("ClassExpression"===e.type)re

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turn void
0===t||(0,n.default)(e,t);return!1},t.isClassDeclaration=function(e,t){if(!e)return!1;if("ClassDeclaration"===e.type)r
eturn void
0===t||(0,n.default)(e,t);return!1},t.isExportAllDeclaration=function(e,t){if(!e)return!1;if("ExportAllDeclaration"===
=e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isExportDefaultDeclaration=function(e,t){if(!e)return!1;if("ExportDefaultDeclar
ation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isExportNamedDeclaration=function(e,t){if(!e)return!1;if("ExportNamedDeclarat
ion"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isExportSpecifier=function(e,t){if(!e)return!1;if("ExportSpecifier"===e.type)ret
urn void
0===t||(0,n.default)(e,t);return!1},t.isForOfStatement=function(e,t){if(!e)return!1;if("ForOfStatement"===e.type)ret
urn void
0===t||(0,n.default)(e,t);return!1},t.isImportDeclaration=function(e,t){if(!e)return!1;if("ImportDeclaration"===e.typ
e)return void
0===t||(0,n.default)(e,t);return!1},t.isImportDefaultSpecifier=function(e,t){if(!e)return!1;if("ImportDefaultSpecifier
"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isImportNamespaceSpecifier=function(e,t){if(!e)return!1;if("ImportNamespaceS
pecifier"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isImportSpecifier=function(e,t){if(!e)return!1;if("ImportSpecifier"===e.type)ret
urn void
0===t||(0,n.default)(e,t);return!1},t.isMetaProperty=function(e,t){if(!e)return!1;if("MetaProperty"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isClassMethod=function(e,t){if(!e)return!1;if("ClassMethod"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isObjectPattern=function(e,t){if(!e)return!1;if("ObjectPattern"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isSpreadElement=function(e,t){if(!e)return!1;if("SpreadElement"===e.type)retur
n void
0===t||(0,n.default)(e,t);return!1},t.isSuper=function(e,t){if(!e)return!1;if("Super"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTaggedTemplateExpression=function(e,t){if(!e)return!1;if("TaggedTemplateE
xpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTemplateElement=function(e,t){if(!e)return!1;if("TemplateElement"===e.type
)return void
0===t||(0,n.default)(e,t);return!1},t.isTemplateLiteral=function(e,t){if(!e)return!1;if("TemplateLiteral"===e.type)ret
urn void
0===t||(0,n.default)(e,t);return!1},t.isYieldExpression=function(e,t){if(!e)return!1;if("YieldExpression"===e.type)re
turn void
0===t||(0,n.default)(e,t);return!1},t.isAwaitExpression=function(e,t){if(!e)return!1;if("AwaitExpression"===e.type)r
eturn void
0===t||(0,n.default)(e,t);return!1},t.isImport=function(e,t){if(!e)return!1;if("Import"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isBigIntLiteral=function(e,t){if(!e)return!1;if("BigIntLiteral"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isExportNamespaceSpecifier=function(e,t){if(!e)return!1;if("ExportNamespaceS
pecifier"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isOptionalMemberExpression=function(e,t){if(!e)return!1;if("OptionalMemberE
xpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isOptionalCallExpression=function(e,t){if(!e)return!1;if("OptionalCallExpressio
n"===e.type)return void

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0===t||(0,n.default)(e,t);return!1},t.isAnyTypeAnnotation=function(e,t){if(!e)return!1;if("AnyTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isArrayTypeAnnotation=function(e,t){if(!e)return!1;if("ArrayTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isBooleanTypeAnnotation=function(e,t){if(!e)return!1;if("BooleanTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isBooleanLiteralTypeAnnotation=function(e,t){if(!e)return!1;if("BooleanLiteralTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isNullLiteralTypeAnnotation=function(e,t){if(!e)return!1;if("NullLiteralTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isClassImplements=function(e,t){if(!e)return!1;if("ClassImplements"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareClass=function(e,t){if(!e)return!1;if("DeclareClass"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareFunction=function(e,t){if(!e)return!1;if("DeclareFunction"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareInterface=function(e,t){if(!e)return!1;if("DeclareInterface"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareModule=function(e,t){if(!e)return!1;if("DeclareModule"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareModuleExports=function(e,t){if(!e)return!1;if("DeclareModuleExports"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareTypeAlias=function(e,t){if(!e)return!1;if("DeclareTypeAlias"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareOpaqueType=function(e,t){if(!e)return!1;if("DeclareOpaqueType"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareVariable=function(e,t){if(!e)return!1;if("DeclareVariable"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareExportDeclaration=function(e,t){if(!e)return!1;if("DeclareExportDeclaration"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareExportAllDeclaration=function(e,t){if(!e)return!1;if("DeclareExportAllDeclaration"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclaredPredicate=function(e,t){if(!e)return!1;if("DeclaredPredicate"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isExistsTypeAnnotation=function(e,t){if(!e)return!1;if("ExistsTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isFunctionTypeAnnotation=function(e,t){if(!e)return!1;if("FunctionTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isFunctionTypeParam=function(e,t){if(!e)return!1;if("FunctionTypeParam"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isGenericTypeAnnotation=function(e,t){if(!e)return!1;if("GenericTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isInferredPredicate=function(e,t){if(!e)return!1;if("InferredPredicate"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isInterfaceExtends=function(e,t){if(!e)return!1;if("InterfaceExtends"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isInterfaceDeclaration=function(e,t){if(!e)return!1;if("InterfaceDeclaration"===e.type)return void

```

```

0===t||(0,n.default)(e,t);return!1},t.isInterfaceTypeAnnotation=function(e,t){if(!e)return!1;if("InterfaceTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isIntersectionTypeAnnotation=function(e,t){if(!e)return!1;if("IntersectionTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isMixedTypeAnnotation=function(e,t){if(!e)return!1;if("MixedTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isEmptyTypeAnnotation=function(e,t){if(!e)return!1;if("EmptyTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isNullableTypeAnnotation=function(e,t){if(!e)return!1;if("NullableTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isNumberLiteralTypeAnnotation=function(e,t){if(!e)return!1;if("NumberLiteralTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isNumberTypeAnnotation=function(e,t){if(!e)return!1;if("NumberTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectTypeAnnotation=function(e,t){if(!e)return!1;if("ObjectTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectTypeInternalSlot=function(e,t){if(!e)return!1;if("ObjectTypeInternalSlot"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectTypeCallProperty=function(e,t){if(!e)return!1;if("ObjectTypeCallProperty"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectTypeIndexer=function(e,t){if(!e)return!1;if("ObjectTypeIndexer"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectTypeProperty=function(e,t){if(!e)return!1;if("ObjectTypeProperty"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectTypeSpreadProperty=function(e,t){if(!e)return!1;if("ObjectTypeSpreadProperty"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isOpaqueType=function(e,t){if(!e)return!1;if("OpaqueType"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isQualifiedTypeIdentifier=function(e,t){if(!e)return!1;if("QualifiedTypeIdentifier"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isStringLiteralTypeAnnotation=function(e,t){if(!e)return!1;if("StringLiteralTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isStringTypeAnnotation=function(e,t){if(!e)return!1;if("StringTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isSymbolTypeAnnotation=function(e,t){if(!e)return!1;if("SymbolTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isThisTypeAnnotation=function(e,t){if(!e)return!1;if("ThisTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTupleTypeAnnotation=function(e,t){if(!e)return!1;if("TupleTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTypeofTypeAnnotation=function(e,t){if(!e)return!1;if("TypeofTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTypeAlias=function(e,t){if(!e)return!1;if("TypeAlias"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTypeAnnotation=function(e,t){if(!e)return!1;if("TypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTypeCastExpression=function(e,t){if(!e)return!1;if("TypeCastExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTypeParameter=function(e,t){if(!e)return!1;if("TypeParameter"===e.type)retur

```

```

n void
0===t||(0,n.default)(e,t);return!1},t.isTypeParameterDeclaration=function(e,t){if(!e)return!1;if("TypeParameterDecl
aration"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTypeParameterInstantiation=function(e,t){if(!e)return!1;if("TypeParameterInst
antiation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isUnionTypeAnnotation=function(e,t){if(!e)return!1;if("UnionTypeAnnotation"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isVariance=function(e,t){if(!e)return!1;if("Variance"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isVoidTypeAnnotation=function(e,t){if(!e)return!1;if("VoidTypeAnnotation"===
=e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isEnumDeclaration=function(e,t){if(!e)return!1;if("EnumDeclaration"===e.type)
return void
0===t||(0,n.default)(e,t);return!1},t.isEnumBooleanBody=function(e,t){if(!e)return!1;if("EnumBooleanBody"===e.t
ype)return void
0===t||(0,n.default)(e,t);return!1},t.isEnumNumberBody=function(e,t){if(!e)return!1;if("EnumNumberBody"===e.t
ype)return void
0===t||(0,n.default)(e,t);return!1},t.isEnumStringBody=function(e,t){if(!e)return!1;if("EnumStringBody"===e.type)
return void
0===t||(0,n.default)(e,t);return!1},t.isEnumSymbolBody=function(e,t){if(!e)return!1;if("EnumSymbolBody"===e.ty
pe)return void
0===t||(0,n.default)(e,t);return!1},t.isEnumBooleanMember=function(e,t){if(!e)return!1;if("EnumBooleanMember"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isEnumNumberMember=function(e,t){if(!e)return!1;if("EnumNumberMember"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isEnumStringMember=function(e,t){if(!e)return!1;if("EnumStringMember"===e
.type)return void
0===t||(0,n.default)(e,t);return!1},t.isEnumDefaultedMember=function(e,t){if(!e)return!1;if("EnumDefaultedMemb
er"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isIndexedAccessType=function(e,t){if(!e)return!1;if("IndexedAccessType"===e
.type)return void
0===t||(0,n.default)(e,t);return!1},t.isOptionalIndexedAccessType=function(e,t){if(!e)return!1;if("OptionalIndexed
AccessType"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXAttribute=function(e,t){if(!e)return!1;if("JSXAttribute"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isJSXClosingElement=function(e,t){if(!e)return!1;if("JSXClosingElement"===e
.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXElement=function(e,t){if(!e)return!1;if("JSXElement"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isJSXEmptyExpression=function(e,t){if(!e)return!1;if("JSXEmptyExpression"=
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXExpressionContainer=function(e,t){if(!e)return!1;if("JSXExpressionContai
ner"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXSpreadChild=function(e,t){if(!e)return!1;if("JSXSpreadChild"===e.type)re
turn void
0===t||(0,n.default)(e,t);return!1},t.isJSXIdentifier=function(e,t){if(!e)return!1;if("JSXIdentifier"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isJSXMemberExpression=function(e,t){if(!e)return!1;if("JSXMemberExpression
"===e.type)return void

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0===t||(0,n.default)(e,t);return!1},t.isJSXNamespacedName=function(e,t){if(!e)return!1;if("JSXNamespacedName"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXOpeningElement=function(e,t){if(!e)return!1;if("JSXOpeningElement"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXSpreadAttribute=function(e,t){if(!e)return!1;if("JSXSpreadAttribute"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXText=function(e,t){if(!e)return!1;if("JSXText"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXFragment=function(e,t){if(!e)return!1;if("JSXFragment"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXOpeningFragment=function(e,t){if(!e)return!1;if("JSXOpeningFragment"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXClosingFragment=function(e,t){if(!e)return!1;if("JSXClosingFragment"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isNoop=function(e,t){if(!e)return!1;if("Noop"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isPlaceholder=function(e,t){if(!e)return!1;if("Placeholder"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isV8IntrinsicIdentifier=function(e,t){if(!e)return!1;if("V8IntrinsicIdentifier"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isArgumentPlaceholder=function(e,t){if(!e)return!1;if("ArgumentPlaceholder"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isBindExpression=function(e,t){if(!e)return!1;if("BindExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isClassProperty=function(e,t){if(!e)return!1;if("ClassProperty"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isPipelineTopicExpression=function(e,t){if(!e)return!1;if("PipelineTopicExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isPipelineBareFunction=function(e,t){if(!e)return!1;if("PipelineBareFunction"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isPipelinePrimaryTopicReference=function(e,t){if(!e)return!1;if("PipelinePrimaryTopicReference"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isClassPrivateProperty=function(e,t){if(!e)return!1;if("ClassPrivateProperty"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isClassPrivateMethod=function(e,t){if(!e)return!1;if("ClassPrivateMethod"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isImportAttribute=function(e,t){if(!e)return!1;if("ImportAttribute"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDecorator=function(e,t){if(!e)return!1;if("Decorator"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDoExpression=function(e,t){if(!e)return!1;if("DoExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isExportDefaultSpecifier=function(e,t){if(!e)return!1;if("ExportDefaultSpecifier"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isPrivateName=function(e,t){if(!e)return!1;if("PrivateName"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isRecordExpression=function(e,t){if(!e)return!1;if("RecordExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTupleExpression=function(e,t){if(!e)return!1;if("TupleExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDecimalLiteral=function(e,t){if(!e)return!1;if("DecimalLiteral"===e.type)return void

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0===t|(0,n.default)(e,t);return!1},t.isStaticBlock=function(e,t){if(!e)return!1;if("StaticBlock"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isModuleExpression=function(e,t){if(!e)return!1;if("ModuleExpression"===e.type)
return void
0===t|(0,n.default)(e,t);return!1},t.isTSParameterProperty=function(e,t){if(!e)return!1;if("TSParameterProperty"===
e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isTSDDeclareFunction=function(e,t){if(!e)return!1;if("TSDDeclareFunction"===e.t
ype)return void
0===t|(0,n.default)(e,t);return!1},t.isTSDDeclareMethod=function(e,t){if(!e)return!1;if("TSDDeclareMethod"===e.typ
e)return void
0===t|(0,n.default)(e,t);return!1},t.isTSQualifiedName=function(e,t){if(!e)return!1;if("TSQualifiedName"===e.typ
e)return void
0===t|(0,n.default)(e,t);return!1},t.isTSCallSignatureDeclaration=function(e,t){if(!e)return!1;if("TSCallSignatureD
eclaration"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isTSConstructSignatureDeclaration=function(e,t){if(!e)return!1;if("TSConstruct
SignatureDeclaration"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isTSPropertySignature=function(e,t){if(!e)return!1;if("TSPropertySignature"===
e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isTSMethodSignature=function(e,t){if(!e)return!1;if("TSMethodSignature"===e
.type)return void
0===t|(0,n.default)(e,t);return!1},t.isTSIndexSignature=function(e,t){if(!e)return!1;if("TSIndexSignature"===e.typ
e)return void
0===t|(0,n.default)(e,t);return!1},t.isTSAnyKeyword=function(e,t){if(!e)return!1;if("TSAnyKeyword"===e.type)re
turn void
0===t|(0,n.default)(e,t);return!1},t.isTSBooleanKeyword=function(e,t){if(!e)return!1;if("TSBooleanKeyword"===e
.type)return void
0===t|(0,n.default)(e,t);return!1},t.isTSBigIntKeyword=function(e,t){if(!e)return!1;if("TSBigIntKeyword"===e.typ
e)return void
0===t|(0,n.default)(e,t);return!1},t.isTSIntrinsicKeyword=function(e,t){if(!e)return!1;if("TSIntrinsicKeyword"===e
.type)return void
0===t|(0,n.default)(e,t);return!1},t.isTSNeverKeyword=function(e,t){if(!e)return!1;if("TSNeverKeyword"===e.typ
e)return void
0===t|(0,n.default)(e,t);return!1},t.isTSNullKeyword=function(e,t){if(!e)return!1;if("TSNullKeyword"===e.type)re
turn void
0===t|(0,n.default)(e,t);return!1},t.isTSNumberKeyword=function(e,t){if(!e)return!1;if("TSNumberKeyword"===e
.type)return void
0===t|(0,n.default)(e,t);return!1},t.isTSObjectKeyword=function(e,t){if(!e)return!1;if("TSObjectKeyword"===e.typ
e)return void
0===t|(0,n.default)(e,t);return!1},t.isTSStringKeyword=function(e,t){if(!e)return!1;if("TSStringKeyword"===e.typ
e)return void
0===t|(0,n.default)(e,t);return!1},t.isTSSymbolKeyword=function(e,t){if(!e)return!1;if("TSSymbolKeyword"===e.
type)return void
0===t|(0,n.default)(e,t);return!1},t.isTSUndefinedKeyword=function(e,t){if(!e)return!1;if("TSUndefinedKeyword"
===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isTSUnknownKeyword=function(e,t){if(!e)return!1;if("TSUnknownKeyword"=
===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isTSVoidKeyword=function(e,t){if(!e)return!1;if("TSVoidKeyword"===e.type)r
eturn void
0===t|(0,n.default)(e,t);return!1},t.isTSThisType=function(e,t){if(!e)return!1;if("TSThisType"===e.type)return

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void
0===t||(0,n.default)(e,t);return!1},t.isTSFunctionType=function(e,t){if(!e)return!1;if("TSFunctionType"===e.type)r
eturn void
0===t||(0,n.default)(e,t);return!1},t.isTSConstructorType=function(e,t){if(!e)return!1;if("TSConstructorType"===e.t
ype)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeReference=function(e,t){if(!e)return!1;if("TSTypeReference"===e.typ
e)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypePredicate=function(e,t){if(!e)return!1;if("TSTypePredicate"===e.type)
return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeQuery=function(e,t){if(!e)return!1;if("TSTypeQuery"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeLiteral=function(e,t){if(!e)return!1;if("TSTypeLiteral"===e.type)retur
n void
0===t||(0,n.default)(e,t);return!1},t.isTSArrayType=function(e,t){if(!e)return!1;if("TSArrayType"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isTSTupleType=function(e,t){if(!e)return!1;if("TSTupleType"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isTSOptionalType=function(e,t){if(!e)return!1;if("TSOptionalType"===e.type)r
eturn void
0===t||(0,n.default)(e,t);return!1},t.isTSRestType=function(e,t){if(!e)return!1;if("TSRestType"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isTSNamedTupleMember=function(e,t){if(!e)return!1;if("TSNamedTupleMemb
er"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSUnionType=function(e,t){if(!e)return!1;if("TSUnionType"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isTSIntersectionType=function(e,t){if(!e)return!1;if("TSIntersectionType"===e.t
ype)return void
0===t||(0,n.default)(e,t);return!1},t.isTSConditionalType=function(e,t){if(!e)return!1;if("TSConditionalType"===e.t
ype)return void
0===t||(0,n.default)(e,t);return!1},t.isTSInferType=function(e,t){if(!e)return!1;if("TSInferType"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isTSParenthesizedType=function(e,t){if(!e)return!1;if("TSParenthesizedType"=
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeOperator=function(e,t){if(!e)return!1;if("TSTypeOperator"===e.type)r
eturn void
0===t||(0,n.default)(e,t);return!1},t.isTSIndexedAccessType=function(e,t){if(!e)return!1;if("TSIndexedAccessType"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSMappedType=function(e,t){if(!e)return!1;if("TSMappedType"===e.type)ret
urn void
0===t||(0,n.default)(e,t);return!1},t.isTSLiteralType=function(e,t){if(!e)return!1;if("TSLiteralType"===e.type)retur
n void
0===t||(0,n.default)(e,t);return!1},t.isTSExpressionWithTypeArguments=function(e,t){if(!e)return!1;if("TSExpressi
onWithTypeArguments"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSInterfaceDeclaration=function(e,t){if(!e)return!1;if("TSInterfaceDeclaration
"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSInterfaceBody=function(e,t){if(!e)return!1;if("TSInterfaceBody"===e.type)r
eturn void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeAliasDeclaration=function(e,t){if(!e)return!1;if("TSTypeAliasDeclarati

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on"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSAsExpression=function(e,t){if(!e)return!1;if("TSAsExpression"===e.type)r
eturn void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeAssertion=function(e,t){if(!e)return!1;if("TSTypeAssertion"===e.type)
return void
0===t||(0,n.default)(e,t);return!1},t.isTSEnumDeclaration=function(e,t){if(!e)return!1;if("TSEnumDeclaration"===e
.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSEnumMember=function(e,t){if(!e)return!1;if("TSEnumMember"===e.type)
return void
0===t||(0,n.default)(e,t);return!1},t.isTSMModuleDeclaration=function(e,t){if(!e)return!1;if("TSMModuleDeclaration"=
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSMModuleBlock=function(e,t){if(!e)return!1;if("TSMModuleBlock"===e.type)re
turn void
0===t||(0,n.default)(e,t);return!1},t.isTSImportType=function(e,t){if(!e)return!1;if("TSImportType"===e.type)retur
n void
0===t||(0,n.default)(e,t);return!1},t.isTSImportEqualsDeclaration=function(e,t){if(!e)return!1;if("TSImportEqualsD
eclaration"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSExternalModuleReference=function(e,t){if(!e)return!1;if("TSExternalModul
eReference"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSNonNullExpression=function(e,t){if(!e)return!1;if("TSNonNullExpression"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSExportAssignment=function(e,t){if(!e)return!1;if("TSExportAssignment"==
=e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSNamespaceExportDeclaration=function(e,t){if(!e)return!1;if("TSNamespace
ExportDeclaration"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeAnnotation=function(e,t){if(!e)return!1;if("TSTypeAnnotation"===e.t
ype)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeParameterInstantiation=function(e,t){if(!e)return!1;if("TSTypeParamet
erInstantiation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeParameterDeclaration=function(e,t){if(!e)return!1;if("TSTypeParamete
rDeclaration"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeParameter=function(e,t){if(!e)return!1;if("TSTypeParameter"===e.ty
pe)return void
0===t||(0,n.default)(e,t);return!1},t.isExpression=function(e,t){if(!e)return!1;const
r=e.type;if("ArrayExpression"===r||"AssignmentExpression"===r||"BinaryExpression"===r||"CallExpression"===r||
"ConditionalExpression"===r||"FunctionExpression"===r||"Identifier"===r||"StringLiteral"===r||"NumericLiteral"=
===r||"NullLiteral"===r||"BooleanLiteral"===r||"RegExpLiteral"===r||"LogicalExpression"===r||"MemberExpressio
n"===r||"NewExpression"===r||"ObjectExpression"===r||"SequenceExpression"===r||"ParenthesizedExpression"==
=r||"ThisExpression"===r||"UnaryExpression"===r||"UpdateExpression"===r||"ArrowFunctionExpression"===r||"Cl
assExpression"===r||"MetaProperty"===r||"Super"===r||"TaggedTemplateExpression"===r||"TemplateLiteral"===r||
"YieldExpression"===r||"AwaitExpression"===r||"Import"===r||"BigIntLiteral"===r||"OptionalMemberExpression
"===r||"OptionalCallExpression"===r||"TypeCastExpression"===r||"JSXElement"===r||"JSXFragment"===r||"Bind
Expression"===r||"PipelinePrimaryTopicReference"===r||"DoExpression"===r||"RecordExpression"===r||"TupleEx
pression"===r||"DecimalLiteral"===r||"ModuleExpression"===r||"TSAsExpression"===r||"TSTypeAssertion"===r||
"TSNonNullExpression"===r||"Placeholder"===r&&("Expression"===e.expectedNode||"Identifier"===e.expectedN
ode||"StringLiteral"===e.expectedNode))return void
0===t||(0,n.default)(e,t);return!1},t.isBinary=function(e,t){if(!e)return!1;const
r=e.type;if("BinaryExpression"===r||"LogicalExpression"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isScopable=function(e,t){if(!e)return!1;const

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r=e.type;if("BlockStatement"===r||"CatchClause"===r||"DoWhileStatement"===r||"ForInStatement"===r||"ForState
ment"===r||"FunctionDeclaration"===r||"FunctionExpression"===r||"Program"===r||"ObjectMethod"===r||"Switch
Statement"===r||"WhileStatement"===r||"ArrowFunctionExpression"===r||"ClassExpression"===r||"ClassDeclarati
on"===r||"ForOfStatement"===r||"ClassMethod"===r||"ClassPrivateMethod"===r||"StaticBlock"===r||"TSMODULEB
lock"===r||"Placeholder"===r&&"BlockStatement"===e.expectedNode)return void
0===t||(0,n.default)(e,t);return!1},t.isBlockParent=function(e,t){if(!e)return!1;const
r=e.type;if("BlockStatement"===r||"CatchClause"===r||"DoWhileStatement"===r||"ForInStatement"===r||"ForState
ment"===r||"FunctionDeclaration"===r||"FunctionExpression"===r||"Program"===r||"ObjectMethod"===r||"Switch
Statement"===r||"WhileStatement"===r||"ArrowFunctionExpression"===r||"ForOfStatement"===r||"ClassMethod"=
===r||"ClassPrivateMethod"===r||"StaticBlock"===r||"TSMODULEBLOCK"===r||"Placeholder"===r&&"BlockStatemen
t"===e.expectedNode)return void 0===t||(0,n.default)(e,t);return!1},t.isBlock=function(e,t){if(!e)return!1;const
r=e.type;if("BlockStatement"===r||"Program"===r||"TSMODULEBLOCK"===r||"Placeholder"===r&&"BlockStatement
"===e.expectedNode)return void 0===t||(0,n.default)(e,t);return!1},t.isStatement=function(e,t){if(!e)return!1;const
r=e.type;if("BlockStatement"===r||"BreakStatement"===r||"ContinueStatement"===r||"DebuggerStatement"===r||"
DoWhileStatement"===r||"EmptyStatement"===r||"ExpressionStatement"===r||"ForInStatement"===r||"ForStateme
nt"===r||"FunctionDeclaration"===r||"IfStatement"===r||"LabeledStatement"===r||"ReturnStatement"===r||"Switch
Statement"===r||"ThrowStatement"===r||"TryStatement"===r||"VariableDeclaration"===r||"WhileStatement"===r||
"WithStatement"===r||"ClassDeclaration"===r||"ExportAllDeclaration"===r||"ExportDefaultDeclaration"===r||"Ex
portNamedDeclaration"===r||"ForOfStatement"===r||"ImportDeclaration"===r||"DeclareClass"===r||"DeclareFunc
tion"===r||"DeclareInterface"===r||"DeclareModule"===r||"DeclareModuleExports"===r||"DeclareTypeAlias"===r||
"DeclareOpaqueType"===r||"DeclareVariable"===r||"DeclareExportDeclaration"===r||"DeclareExportAllDeclaratio
n"===r||"InterfaceDeclaration"===r||"OpaqueType"===r||"TypeAlias"===r||"EnumDeclaration"===r||"TSDeclareFu
nction"===r||"TSInterfaceDeclaration"===r||"TSTypeAliasDeclaration"===r||"TSEnumDeclaration"===r||"TSModu
leDeclaration"===r||"TSImportEqualsDeclaration"===r||"TSExportAssignment"===r||"TSNamespaceExportDeclara
tion"===r||"Placeholder"===r&&("Statement"===e.expectedNode||"Declaration"===e.expectedNode||"BlockStatem
ent"===e.expectedNode))return void
0===t||(0,n.default)(e,t);return!1},t.isTerminatorless=function(e,t){if(!e)return!1;const
r=e.type;if("BreakStatement"===r||"ContinueStatement"===r||"ReturnStatement"===r||"ThrowStatement"===r||"Yie
ldExpression"===r||"AwaitExpression"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isCompletionStatement=function(e,t){if(!e)return!1;const
r=e.type;if("BreakStatement"===r||"ContinueStatement"===r||"ReturnStatement"===r||"ThrowStatement"===r)retur
n void 0===t||(0,n.default)(e,t);return!1},t.isConditional=function(e,t){if(!e)return!1;const
r=e.type;if("ConditionalExpression"===r||"IfStatement"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isLoop=function(e,t){if(!e)return!1;const
r=e.type;if("DoWhileStatement"===r||"ForInStatement"===r||"ForStatement"===r||"WhileStatement"===r||"ForOfS
tatement"===r)return void 0===t||(0,n.default)(e,t);return!1},t.isWhile=function(e,t){if(!e)return!1;const
r=e.type;if("DoWhileStatement"===r||"WhileStatement"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isExpressionWrapper=function(e,t){if(!e)return!1;const
r=e.type;if("ExpressionStatement"===r||"ParenthesizedExpression"===r||"TypeCastExpression"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isFor=function(e,t){if(!e)return!1;const
r=e.type;if("ForInStatement"===r||"ForStatement"===r||"ForOfStatement"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isForXStatement=function(e,t){if(!e)return!1;const
r=e.type;if("ForInStatement"===r||"ForOfStatement"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isFunction=function(e,t){if(!e)return!1;const
r=e.type;if("FunctionDeclaration"===r||"FunctionExpression"===r||"ObjectMethod"===r||"ArrowFunctionExpressio
n"===r||"ClassMethod"===r||"ClassPrivateMethod"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isFunctionParent=function(e,t){if(!e)return!1;const
r=e.type;if("FunctionDeclaration"===r||"FunctionExpression"===r||"ObjectMethod"===r||"ArrowFunctionExpressio

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n===r||"ClassMethod"===r||"ClassPrivateMethod"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isPureish=function(e,t){if(!e)return!1;const
r=e.type;if("FunctionDeclaration"===r||"FunctionExpression"===r||"StringLiteral"===r||"NumericLiteral"===r||"Nu
llLiteral"===r||"BooleanLiteral"===r||"RegExpLiteral"===r||"ArrowFunctionExpression"===r||"BigIntLiteral"===r||
"DecimalLiteral"===r||"Placeholder"===r&&"StringLiteral"===e.expectedNode)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclaration=function(e,t){if(!e)return!1;const
r=e.type;if("FunctionDeclaration"===r||"VariableDeclaration"===r||"ClassDeclaration"===r||"ExportAllDeclaration
"===r||"ExportDefaultDeclaration"===r||"ExportNamedDeclaration"===r||"ImportDeclaration"===r||"DeclareClass"
===r||"DeclareFunction"===r||"DeclareInterface"===r||"DeclareModule"===r||"DeclareModuleExports"===r||"Decl
areTypeAlias"===r||"DeclareOpaqueType"===r||"DeclareVariable"===r||"DeclareExportDeclaration"===r||"Declare
ExportAllDeclaration"===r||"InterfaceDeclaration"===r||"OpaqueType"===r||"TypeAlias"===r||"EnumDeclaration"
===r||"TSDeclareFunction"===r||"TSInterfaceDeclaration"===r||"TSTypeAliasDeclaration"===r||"TSEnumDeclarat
ion"===r||"TSMODULEDECLARATION"===r||"Placeholder"===r&&"Declaration"===e.expectedNode)return void
0===t||(0,n.default)(e,t);return!1},t.isPatternLike=function(e,t){if(!e)return!1;const
r=e.type;if("Identifier"===r||"RestElement"===r||"AssignmentPattern"===r||"ArrayPattern"===r||"ObjectPattern"===
=r||"Placeholder"===r&&("Pattern"===e.expectedNode||"Identifier"===e.expectedNode))return void
0===t||(0,n.default)(e,t);return!1},t.isLVal=function(e,t){if(!e)return!1;const
r=e.type;if("Identifier"===r||"MemberExpression"===r||"RestElement"===r||"AssignmentPattern"===r||"ArrayPatte
rn"===r||"ObjectPattern"===r||"TSParameterProperty"===r||"Placeholder"===r&&("Pattern"===e.expectedNode||"I
dentifier"===e.expectedNode))return void
0===t||(0,n.default)(e,t);return!1},t.isTSEntityName=function(e,t){if(!e)return!1;const
r=e.type;if("Identifier"===r||"TSQualifiedName"===r||"Placeholder"===r&&"Identifier"===e.expectedNode)return
void 0===t||(0,n.default)(e,t);return!1},t.isLiteral=function(e,t){if(!e)return!1;const
r=e.type;if("StringLiteral"===r||"NumericLiteral"===r||"NullLiteral"===r||"BooleanLiteral"===r||"RegExpLiteral"=
=r||"TemplateLiteral"===r||"BigIntLiteral"===r||"DecimalLiteral"===r||"Placeholder"===r&&"StringLiteral"===e.
expectedNode)return void 0===t||(0,n.default)(e,t);return!1},t.isImmutable=function(e,t){if(!e)return!1;const
r=e.type;if("StringLiteral"===r||"NumericLiteral"===r||"NullLiteral"===r||"BooleanLiteral"===r||"BigIntLiteral"===
=r||"JSXAttribute"===r||"JSXClosingElement"===r||"JSXElement"===r||"JSXExpressionContainer"===r||"JSXSpre
adChild"===r||"JSXOpeningElement"===r||"JSXText"===r||"JSXFragment"===r||"JSXOpeningFragment"===r||"JS
XClosingFragment"===r||"DecimalLiteral"===r||"Placeholder"===r&&"StringLiteral"===e.expectedNode)return
void 0===t||(0,n.default)(e,t);return!1},t.isUserWhitespacable=function(e,t){if(!e)return!1;const
r=e.type;if("ObjectMethod"===r||"ObjectProperty"===r||"ObjectTypeInternalSlot"===r||"ObjectTypeCallProperty"===
=r||"ObjectTypeIndexer"===r||"ObjectTypeProperty"===r||"ObjectTypeSpreadProperty"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isMethod=function(e,t){if(!e)return!1;const
r=e.type;if("ObjectMethod"===r||"ClassMethod"===r||"ClassPrivateMethod"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectMember=function(e,t){if(!e)return!1;const
r=e.type;if("ObjectMethod"===r||"ObjectProperty"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isProperty=function(e,t){if(!e)return!1;const
r=e.type;if("ObjectProperty"===r||"ClassProperty"===r||"ClassPrivateProperty"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isUnaryLike=function(e,t){if(!e)return!1;const
r=e.type;if("UnaryExpression"===r||"SpreadElement"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isPattern=function(e,t){if(!e)return!1;const
r=e.type;if("AssignmentPattern"===r||"ArrayPattern"===r||"ObjectPattern"===r||"Placeholder"===r&&"Pattern"===
=e.expectedNode)return void 0===t||(0,n.default)(e,t);return!1},t.isClass=function(e,t){if(!e)return!1;const
r=e.type;if("ClassExpression"===r||"ClassDeclaration"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isModuleDeclaration=function(e,t){if(!e)return!1;const
r=e.type;if("ExportAllDeclaration"===r||"ExportDefaultDeclaration"===r||"ExportNamedDeclaration"===r||"Import
Declaration"===r)return void

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0===t||(0,n.default)(e,t);return!1},t.isExportDeclaration=function(e,t){if(!e)return!1;const
r=e.type;if("ExportAllDeclaration"===r||"ExportDefaultDeclaration"===r||"ExportNamedDeclaration"===r)return
void 0===t||(0,n.default)(e,t);return!1},t.isModuleSpecifier=function(e,t){if(!e)return!1;const
r=e.type;if("ExportSpecifier"===r||"ImportDefaultSpecifier"===r||"ImportNamespaceSpecifier"===r||"ImportSpecif
ier"===r||"ExportNamespaceSpecifier"===r||"ExportDefaultSpecifier"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isFlow=function(e,t){if(!e)return!1;const
r=e.type;if("AnyTypeAnnotation"===r||"ArrayTypeAnnotation"===r||"BooleanTypeAnnotation"===r||"BooleanLite
ralTypeAnnotation"===r||"NullLiteralTypeAnnotation"===r||"ClassImplements"===r||"DeclareClass"===r||"Declar
eFunction"===r||"DeclareInterface"===r||"DeclareModule"===r||"DeclareModuleExports"===r||"DeclareTypeAlias
"===r||"DeclareOpaqueType"===r||"DeclareVariable"===r||"DeclareExportDeclaration"===r||"DeclareExportAllDe
claration"===r||"DeclaredPredicate"===r||"ExistsTypeAnnotation"===r||"FunctionTypeAnnotation"===r||"Function
TypeParam"===r||"GenericTypeAnnotation"===r||"InferredPredicate"===r||"InterfaceExtends"===r||"InterfaceDecl
aration"===r||"InterfaceTypeAnnotation"===r||"IntersectionTypeAnnotation"===r||"MixedTypeAnnotation"===r||"
EmptyTypeAnnotation"===r||"NullableTypeAnnotation"===r||"NumberLiteralTypeAnnotation"===r||"NumberType
Annotation"===r||"ObjectTypeAnnotation"===r||"ObjectTypeInternalSlot"===r||"ObjectTypeCallProperty"===r||"O
bjectTypeIndexer"===r||"ObjectTypeProperty"===r||"ObjectTypeSpreadProperty"===r||"OpaqueType"===r||"Quali
fiedTypeIdentifier"===r||"StringLiteralTypeAnnotation"===r||"StringTypeAnnotation"===r||"SymbolTypeAnnotati
on"===r||"ThisTypeAnnotation"===r||"TupleTypeAnnotation"===r||"TypeofTypeAnnotation"===r||"TypeAlias"===
=r||"TypeAnnotation"===r||"TypeCastExpression"===r||"TypeParameter"===r||"TypeParameterDeclaration"===r||"
TypeParameterInstantiation"===r||"UnionTypeAnnotation"===r||"Variance"===r||"VoidTypeAnnotation"===r||"Ind
exedAccessType"===r||"OptionalIndexedAccessType"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isFlowType=function(e,t){if(!e)return!1;const
r=e.type;if("AnyTypeAnnotation"===r||"ArrayTypeAnnotation"===r||"BooleanTypeAnnotation"===r||"BooleanLite
ralTypeAnnotation"===r||"NullLiteralTypeAnnotation"===r||"ExistsTypeAnnotation"===r||"FunctionTypeAnnotati
on"===r||"GenericTypeAnnotation"===r||"InterfaceTypeAnnotation"===r||"IntersectionTypeAnnotation"===r||"Mix
edTypeAnnotation"===r||"EmptyTypeAnnotation"===r||"NullableTypeAnnotation"===r||"NumberLiteralTypeAnno
tation"===r||"NumberTypeAnnotation"===r||"ObjectTypeAnnotation"===r||"StringLiteralTypeAnnotation"===r||"St
ringTypeAnnotation"===r||"SymbolTypeAnnotation"===r||"ThisTypeAnnotation"===r||"TupleTypeAnnotation"===
=r||"TypeofTypeAnnotation"===r||"UnionTypeAnnotation"===r||"VoidTypeAnnotation"===r||"IndexedAccessType
"===r||"OptionalIndexedAccessType"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isFlowBaseAnnotation=function(e,t){if(!e)return!1;const
r=e.type;if("AnyTypeAnnotation"===r||"BooleanTypeAnnotation"===r||"NullLiteralTypeAnnotation"===r||"Mixed
TypeAnnotation"===r||"EmptyTypeAnnotation"===r||"NumberTypeAnnotation"===r||"StringTypeAnnotation"===r
||"SymbolTypeAnnotation"===r||"ThisTypeAnnotation"===r||"VoidTypeAnnotation"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isFlowDeclaration=function(e,t){if(!e)return!1;const
r=e.type;if("DeclareClass"===r||"DeclareFunction"===r||"DeclareInterface"===r||"DeclareModule"===r||"DeclareM
oduleExports"===r||"DeclareTypeAlias"===r||"DeclareOpaqueType"===r||"DeclareVariable"===r||"DeclareExport
Declaration"===r||"DeclareExportAllDeclaration"===r||"InterfaceDeclaration"===r||"OpaqueType"===r||"TypeAlia
s"===r)return void 0===t||(0,n.default)(e,t);return!1},t.isFlowPredicate=function(e,t){if(!e)return!1;const
r=e.type;if("DeclaredPredicate"===r||"InferredPredicate"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isEnumBody=function(e,t){if(!e)return!1;const
r=e.type;if("EnumBooleanBody"===r||"EnumNumberBody"===r||"EnumStringBody"===r||"EnumSymbolBody"===
=r)return void 0===t||(0,n.default)(e,t);return!1},t.isEnumMember=function(e,t){if(!e)return!1;const
r=e.type;if("EnumBooleanMember"===r||"EnumNumberMember"===r||"EnumStringMember"===r||"EnumDefault
edMember"===r)return void 0===t||(0,n.default)(e,t);return!1},t.isJSX=function(e,t){if(!e)return!1;const
r=e.type;if("JSXAttribute"===r||"JSXClosingElement"===r||"JSXElement"===r||"JSXEmptyExpression"===r||"JSX
ExpressionContainer"===r||"JSXSpreadChild"===r||"JSXIdentifier"===r||"JSXMemberExpression"===r||"JSXNam
espacedName"===r||"JSXOpeningElement"===r||"JSXSpreadAttribute"===r||"JSXText"===r||"JSXFragment"===r}

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|"JSXOpeningFragment"===r||"JSXClosingFragment"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isPrivate=function(e,t){if(!e)return!1;const
r=e.type;if("ClassPrivateProperty"===r||"ClassPrivateMethod"===r||"PrivateName"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeElement=function(e,t){if(!e)return!1;const
r=e.type;if("TSCallSignatureDeclaration"===r||"TSConstructSignatureDeclaration"===r||"TSPropertySignature"===
r||"TSMethodSignature"===r||"TSIndexSignature"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isTSType=function(e,t){if(!e)return!1;const
r=e.type;if("TSAnyKeyword"===r||"TSBooleanKeyword"===r||"TSBigIntKeyword"===r||"TSIntrinsicKeyword"===
r||"TSNeverKeyword"===r||"TSNullKeyword"===r||"TSNumberKeyword"===r||"TSObjectKeyword"===r||"TSStr
ingKeyword"===r||"TSSymbolKeyword"===r||"TSUndefinedKeyword"===r||"TSUnknownKeyword"===r||"TSVoi
dKeyword"===r||"TSThisType"===r||"TSFunctionType"===r||"TSConstructorType"===r||"TSTypeReference"===r
||"TSTypePredicate"===r||"TSTypeQuery"===r||"TSTypeLiteral"===r||"TSArrayType"===r||"TSTupleType"===r||
TSOptionalType"===r||"TSRestType"===r||"TSUnionType"===r||"TSIntersectionType"===r||"TSConditionalType"
===r||"TSInferType"===r||"TSParenthesizedType"===r||"TSTypeOperator"===r||"TSIndexedAccessType"===r||"T
SMappedType"===r||"TSLiteralType"===r||TSExpressionWithTypeArguments"===r||"TSImportType"===r)return
void 0===t||(0,n.default)(e,t);return!1},t.isTSBaseType=function(e,t){if(!e)return!1;const
r=e.type;if("TSAnyKeyword"===r||"TSBooleanKeyword"===r||"TSBigIntKeyword"===r||"TSIntrinsicKeyword"===
r||"TSNeverKeyword"===r||"TSNullKeyword"===r||"TSNumberKeyword"===r||"TSObjectKeyword"===r||"TSStr
ingKeyword"===r||"TSSymbolKeyword"===r||"TSUndefinedKeyword"===r||"TSUnknownKeyword"===r||"TSVoi
dKeyword"===r||"TSThisType"===r||"TSLiteralType"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isNumberLiteral=function(e,t){if(console.trace("The node type NumberLiteral
has been renamed to NumericLiteral"),!e)return!1;if("NumberLiteral"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isRegexLiteral=function(e,t){if(console.trace("The node type RegexLiteral has
been renamed to RegExpLiteral"),!e)return!1;if("RegexLiteral"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isRestProperty=function(e,t){if(console.trace("The node type RestProperty has
been renamed to RestElement"),!e)return!1;if("RestProperty"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isSpreadProperty=function(e,t){if(console.trace("The node type SpreadProperty
has been renamed to SpreadElement"),!e)return!1;if("SpreadProperty"===e.type)return void
0===t||(0,n.default)(e,t);return!1};var n=r(54)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.isArrayExpression=function(e,t){if(!e)return!1;if("Array
Expression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isAssignmentExpression=function(e,t){if(!e)return!1;if("AssignmentExpression"
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isBinaryExpression=function(e,t){if(!e)return!1;if("BinaryExpression"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isInterpreterDirective=function(e,t){if(!e)return!1;if("InterpreterDirective"===e.t
ype)return void
0===t||(0,i.default)(e,t);return!1},t.isDirective=function(e,t){if(!e)return!1;if("Directive"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isDirectiveLiteral=function(e,t){if(!e)return!1;if("DirectiveLiteral"===e.type)retu
rn void
0===t||(0,i.default)(e,t);return!1},t.isBlockStatement=function(e,t){if(!e)return!1;if("BlockStatement"===e.type)retu
rn void
0===t||(0,i.default)(e,t);return!1},t.isBreakStatement=function(e,t){if(!e)return!1;if("BreakStatement"===e.type)retu
rn void
0===t||(0,i.default)(e,t);return!1},t.isCallExpression=function(e,t){if(!e)return!1;if("CallExpression"===e.type)retur
n void
0===t||(0,i.default)(e,t);return!1},t.isCatchClause=function(e,t){if(!e)return!1;if("CatchClause"===e.type)return
void

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0===t||(0,i.default)(e,t);return!1},t.isConditionalExpression=function(e,t){if(!e)return!1;if("ConditionalExpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isContinueStatement=function(e,t){if(!e)return!1;if("ContinueStatement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isDebuggerStatement=function(e,t){if(!e)return!1;if("DebuggerStatement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isDoWhileStatement=function(e,t){if(!e)return!1;if("DoWhileStatement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEmptyStatement=function(e,t){if(!e)return!1;if("EmptyStatement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isExpressionStatement=function(e,t){if(!e)return!1;if("ExpressionStatement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isFile=function(e,t){if(!e)return!1;if("File"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isForInStatement=function(e,t){if(!e)return!1;if("ForInStatement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isForStatement=function(e,t){if(!e)return!1;if("ForStatement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isFunctionDeclaration=function(e,t){if(!e)return!1;if("FunctionDeclaration"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isFunctionExpression=function(e,t){if(!e)return!1;if("FunctionExpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isIdentifier=function(e,t){if(!e)return!1;if("Identifier"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isIfStatement=function(e,t){if(!e)return!1;if("IfStatement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isLabeledStatement=function(e,t){if(!e)return!1;if("LabeledStatement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isStringLiteral=function(e,t){if(!e)return!1;if("StringLiteral"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isNumericLiteral=function(e,t){if(!e)return!1;if("NumericLiteral"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isNullLiteral=function(e,t){if(!e)return!1;if("NullLiteral"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isBooleanLiteral=function(e,t){if(!e)return!1;if("BooleanLiteral"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isRegExpLiteral=function(e,t){if(!e)return!1;if("RegExpLiteral"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isLogicalExpression=function(e,t){if(!e)return!1;if("LogicalExpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isMemberExpression=function(e,t){if(!e)return!1;if("MemberExpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isNewExpression=function(e,t){if(!e)return!1;if("NewExpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isProgram=function(e,t){if(!e)return!1;if("Program"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectExpression=function(e,t){if(!e)return!1;if("ObjectExpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectMethod=function(e,t){if(!e)return!1;if("ObjectMethod"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectProperty=function(e,t){if(!e)return!1;if("ObjectProperty"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isRestElement=function(e,t){if(!e)return!1;if("RestElement"===e.type)return

```



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void
0===t||(0,i.default)(e,t);return!1},t.isReturnStatement=function(e,t){if(!e)return!1;if("ReturnStatement"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isSequenceExpression=function(e,t){if(!e)return!1;if("SequenceExpression"===e
.type)return void
0===t||(0,i.default)(e,t);return!1},t.isParenthesizedExpression=function(e,t){if(!e)return!1;if("ParenthesizedExpressi
on"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isSwitchCase=function(e,t){if(!e)return!1;if("SwitchCase"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isSwitchStatement=function(e,t){if(!e)return!1;if("SwitchStatement"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isThisExpression=function(e,t){if(!e)return!1;if("ThisExpression"===e.type)retur
n void
0===t||(0,i.default)(e,t);return!1},t.isThrowStatement=function(e,t){if(!e)return!1;if("ThrowStatement"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isTryStatement=function(e,t){if(!e)return!1;if("TryStatement"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isUnaryExpression=function(e,t){if(!e)return!1;if("UnaryExpression"===e.type)r
eturn void
0===t||(0,i.default)(e,t);return!1},t.isUpdateExpression=function(e,t){if(!e)return!1;if("UpdateExpression"===e.type
)return void
0===t||(0,i.default)(e,t);return!1},t.isVariableDeclaration=function(e,t){if(!e)return!1;if("VariableDeclaration"===e.
type)return void
0===t||(0,i.default)(e,t);return!1},t.isVariableDeclarator=function(e,t){if(!e)return!1;if("VariableDeclarator"===e.ty
pe)return void
0===t||(0,i.default)(e,t);return!1},t.isWhileStatement=function(e,t){if(!e)return!1;if("WhileStatement"===e.type)ret
urn void
0===t||(0,i.default)(e,t);return!1},t.isWithStatement=function(e,t){if(!e)return!1;if("WithStatement"===e.type)retur
n void
0===t||(0,i.default)(e,t);return!1},t.isAssignmentPattern=function(e,t){if(!e)return!1;if("AssignmentPattern"===e.ty
pe)return void
0===t||(0,i.default)(e,t);return!1},t.isArrayPattern=function(e,t){if(!e)return!1;if("ArrayPattern"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isArrowFunctionExpression=function(e,t){if(!e)return!1;if("ArrowFunctionExpres
sion"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isClassBody=function(e,t){if(!e)return!1;if("ClassBody"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isClassExpression=function(e,t){if(!e)return!1;if("ClassExpression"===e.type)ret
urn void
0===t||(0,i.default)(e,t);return!1},t.isClassDeclaration=function(e,t){if(!e)return!1;if("ClassDeclaration"===e.type)r
eturn void
0===t||(0,i.default)(e,t);return!1},t.isExportAllDeclaration=function(e,t){if(!e)return!1;if("ExportAllDeclaration"===
=e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isExportDefaultDeclaration=function(e,t){if(!e)return!1;if("ExportDefaultDeclara
tion"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isExportNamedDeclaration=function(e,t){if(!e)return!1;if("ExportNamedDeclara
tion"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isExportSpecifier=function(e,t){if(!e)return!1;if("ExportSpecifier"===e.type)retu
rn void
0===t||(0,i.default)(e,t);return!1},t.isForOfStatement=function(e,t){if(!e)return!1;if("ForOfStatement"===e.type)ret

```

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urn void
0===t||(0,i.default)(e,t);return!1},t.isImportDeclaration=function(e,t){if(!e)return!1;if("ImportDeclaration"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isImportDefaultSpecifier=function(e,t){if(!e)return!1;if("ImportDefaultSpecifier"
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isImportNamespaceSpecifier=function(e,t){if(!e)return!1;if("ImportNamespaceS
pecifier"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isImportSpecifier=function(e,t){if(!e)return!1;if("ImportSpecifier"===e.type)retu
rn void
0===t||(0,i.default)(e,t);return!1},t.isMetaProperty=function(e,t){if(!e)return!1;if("MetaProperty"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isClassMethod=function(e,t){if(!e)return!1;if("ClassMethod"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isObjectPattern=function(e,t){if(!e)return!1;if("ObjectPattern"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isSpreadElement=function(e,t){if(!e)return!1;if("SpreadElement"===e.type)retur
n void
0===t||(0,i.default)(e,t);return!1},t.isSuper=function(e,t){if(!e)return!1;if("Super"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTaggedTemplateExpression=function(e,t){if(!e)return!1;if("TaggedTemplateExp
ression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTemplateElement=function(e,t){if(!e)return!1;if("TemplateElement"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isTemplateLiteral=function(e,t){if(!e)return!1;if("TemplateLiteral"===e.type)ret
urn void
0===t||(0,i.default)(e,t);return!1},t.isYieldExpression=function(e,t){if(!e)return!1;if("YieldExpression"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isAwaitExpression=function(e,t){if(!e)return!1;if("AwaitExpression"===e.type)r
eturn void
0===t||(0,i.default)(e,t);return!1},t.isImport=function(e,t){if(!e)return!1;if("Import"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isBigIntLiteral=function(e,t){if(!e)return!1;if("BigIntLiteral"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isExportNamespaceSpecifier=function(e,t){if(!e)return!1;if("ExportNamespaceS
pecifier"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isOptionalMemberExpression=function(e,t){if(!e)return!1;if("OptionalMemberE
xpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isOptionalCallExpression=function(e,t){if(!e)return!1;if("OptionalCallExpression
"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isAnyTypeAnnotation=function(e,t){if(!e)return!1;if("AnyTypeAnnotation"===e
.type)return void
0===t||(0,i.default)(e,t);return!1},t.isArrayTypeAnnotation=function(e,t){if(!e)return!1;if("ArrayTypeAnnotation"=
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isBooleanTypeAnnotation=function(e,t){if(!e)return!1;if("BooleanTypeAnnotati
on"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isBooleanLiteralTypeAnnotation=function(e,t){if(!e)return!1;if("BooleanLiteralT
ypeAnnotation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isNullLiteralTypeAnnotation=function(e,t){if(!e)return!1;if("NullLiteralTypeAnn
otation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isClassImplements=function(e,t){if(!e)return!1;if("ClassImplements"===e.type)r
eturn void
0===t||(0,i.default)(e,t);return!1},t.isDeclareClass=function(e,t){if(!e)return!1;if("DeclareClass"===e.type)return

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void
0===t||(0,i.default)(e,t);return!1},t.isDeclareFunction=function(e,t){if(!e)return!1;if("DeclareFunction"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isDeclareInterface=function(e,t){if(!e)return!1;if("DeclareInterface"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isDeclareModule=function(e,t){if(!e)return!1;if("DeclareModule"===e.type)retur
n void
0===t||(0,i.default)(e,t);return!1},t.isDeclareModuleExports=function(e,t){if(!e)return!1;if("DeclareModuleExports"
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isDeclareTypeAlias=function(e,t){if(!e)return!1;if("DeclareTypeAlias"===e.type
)return void
0===t||(0,i.default)(e,t);return!1},t.isDeclareOpaqueType=function(e,t){if(!e)return!1;if("DeclareOpaqueType"===e
.type)return void
0===t||(0,i.default)(e,t);return!1},t.isDeclareVariable=function(e,t){if(!e)return!1;if("DeclareVariable"===e.type)ret
urn void
0===t||(0,i.default)(e,t);return!1},t.isDeclareExportDeclaration=function(e,t){if(!e)return!1;if("DeclareExportDeclar
ation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isDeclareExportAllDeclaration=function(e,t){if(!e)return!1;if("DeclareExportAll
Declaration"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isDeclaredPredicate=function(e,t){if(!e)return!1;if("DeclaredPredicate"===e.type
)return void
0===t||(0,i.default)(e,t);return!1},t.isExistsTypeAnnotation=function(e,t){if(!e)return!1;if("ExistsTypeAnnotation"=
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isFunctionTypeAnnotation=function(e,t){if(!e)return!1;if("FunctionTypeAnnotati
on"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isFunctionTypeParam=function(e,t){if(!e)return!1;if("FunctionTypeParam"===e.
type)return void
0===t||(0,i.default)(e,t);return!1},t.isGenericTypeAnnotation=function(e,t){if(!e)return!1;if("GenericTypeAnnotatio
n"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isInferredPredicate=function(e,t){if(!e)return!1;if("InferredPredicate"===e.type)r
eturn void
0===t||(0,i.default)(e,t);return!1},t.isInterfaceExtends=function(e,t){if(!e)return!1;if("InterfaceExtends"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isInterfaceDeclaration=function(e,t){if(!e)return!1;if("InterfaceDeclaration"===e
.type)return void
0===t||(0,i.default)(e,t);return!1},t.isInterfaceTypeAnnotation=function(e,t){if(!e)return!1;if("InterfaceTypeAnnotati
on"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isIntersectionTypeAnnotation=function(e,t){if(!e)return!1;if("IntersectionTypeA
nnotation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isMixedTypeAnnotation=function(e,t){if(!e)return!1;if("MixedTypeAnnotation"
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEmptyTypeAnnotation=function(e,t){if(!e)return!1;if("EmptyTypeAnnotation"
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isNullableTypeAnnotation=function(e,t){if(!e)return!1;if("NullableTypeAnnotati
on"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isNumberLiteralTypeAnnotation=function(e,t){if(!e)return!1;if("NumberLiteralT
ypeAnnotation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isNumberTypeAnnotation=function(e,t){if(!e)return!1;if("NumberTypeAnnotatio

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n"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectTypeAnnotation=function(e,t){if(!e)return!1;if("ObjectTypeAnnotation"
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectTypeInternalSlot=function(e,t){if(!e)return!1;if("ObjectTypeInternalSlot
"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectTypeCallProperty=function(e,t){if(!e)return!1;if("ObjectTypeCallPropert
y"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectTypeIndexer=function(e,t){if(!e)return!1;if("ObjectTypeIndexer"===e.ty
pe)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectTypeProperty=function(e,t){if(!e)return!1;if("ObjectTypeProperty"===e.
type)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectTypeSpreadProperty=function(e,t){if(!e)return!1;if("ObjectTypeSpreadP
roperty"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isOpaqueType=function(e,t){if(!e)return!1;if("OpaqueType"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isQualifiedTypeIdentifier=function(e,t){if(!e)return!1;if("QualifiedTypeIdentifier
"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isStringLiteralTypeAnnotation=function(e,t){if(!e)return!1;if("StringLiteralType
Annotation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isStringTypeAnnotation=function(e,t){if(!e)return!1;if("StringTypeAnnotation"=
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isSymbolTypeAnnotation=function(e,t){if(!e)return!1;if("SymbolTypeAnnotatio
n"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isThisTypeAnnotation=function(e,t){if(!e)return!1;if("ThisTypeAnnotation"===e
.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTupleTypeAnnotation=function(e,t){if(!e)return!1;if("TupleTypeAnnotation"=
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTypeofTypeAnnotation=function(e,t){if(!e)return!1;if("TypeofTypeAnnotation
"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTypeAlias=function(e,t){if(!e)return!1;if("TypeAlias"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTypeAnnotation=function(e,t){if(!e)return!1;if("TypeAnnotation"===e.type)ret
urn void
0===t||(0,i.default)(e,t);return!1},t.isTypeCastExpression=function(e,t){if(!e)return!1;if("TypeCastExpression"===e
.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTypeParameter=function(e,t){if(!e)return!1;if("TypeParameter"===e.type)retur
n void
0===t||(0,i.default)(e,t);return!1},t.isTypeParameterDeclaration=function(e,t){if(!e)return!1;if("TypeParameterDecla
ration"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTypeParameterInstantiation=function(e,t){if(!e)return!1;if("TypeParameterInsta
ntiation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isUnionTypeAnnotation=function(e,t){if(!e)return!1;if("UnionTypeAnnotation"=
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isVariance=function(e,t){if(!e)return!1;if("Variance"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isVoidTypeAnnotation=function(e,t){if(!e)return!1;if("VoidTypeAnnotation"===
e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumDeclaration=function(e,t){if(!e)return!1;if("EnumDeclaration"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isEnumBooleanBody=function(e,t){if(!e)return!1;if("EnumBooleanBody"===e.t

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ype)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumNumberBody=function(e,t){if(!e)return!1;if("EnumNumberBody"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumStringBody=function(e,t){if(!e)return!1;if("EnumStringBody"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumSymbolBody=function(e,t){if(!e)return!1;if("EnumSymbolBody"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumBooleanMember=function(e,t){if(!e)return!1;if("EnumBooleanMember"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumNumberMember=function(e,t){if(!e)return!1;if("EnumNumberMember"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumStringMember=function(e,t){if(!e)return!1;if("EnumStringMember"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumDefaultedMember=function(e,t){if(!e)return!1;if("EnumDefaultedMember"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXAttribute=function(e,t){if(!e)return!1;if("JSXAttribute"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXClosingElement=function(e,t){if(!e)return!1;if("JSXClosingElement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXElement=function(e,t){if(!e)return!1;if("JSXElement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXEmptyExpression=function(e,t){if(!e)return!1;if("JSXEmptyExpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXExpressionContainer=function(e,t){if(!e)return!1;if("JSXExpressionContainer"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXSpreadChild=function(e,t){if(!e)return!1;if("JSXSpreadChild"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXIdentifier=function(e,t){if(!e)return!1;if("JSXIdentifier"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXMemberExpression=function(e,t){if(!e)return!1;if("JSXMemberExpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXNamespacedName=function(e,t){if(!e)return!1;if("JSXNamespacedName"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXOpeningElement=function(e,t){if(!e)return!1;if("JSXOpeningElement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXSpreadAttribute=function(e,t){if(!e)return!1;if("JSXSpreadAttribute"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXText=function(e,t){if(!e)return!1;if("JSXText"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXFragment=function(e,t){if(!e)return!1;if("JSXFragment"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXOpeningFragment=function(e,t){if(!e)return!1;if("JSXOpeningFragment"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXClosingFragment=function(e,t){if(!e)return!1;if("JSXClosingFragment"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isNoop=function(e,t){if(!e)return!1;if("Noop"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isPlaceholder=function(e,t){if(!e)return!1;if("Placeholder"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isV8IntrinsicIdentifier=function(e,t){if(!e)return!1;if("V8IntrinsicIdentifier"===e.type)return void

```

```

0===t||(0,i.default)(e,t);return!1},t.isArgumentPlaceholder=function(e,t){if(!e)return!1;if("ArgumentPlaceholder"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isBindExpression=function(e,t){if(!e)return!1;if("BindExpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isClassProperty=function(e,t){if(!e)return!1;if("ClassProperty"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isPipelineTopicExpression=function(e,t){if(!e)return!1;if("PipelineTopicExpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isPipelineBareFunction=function(e,t){if(!e)return!1;if("PipelineBareFunction"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isPipelinePrimaryTopicReference=function(e,t){if(!e)return!1;if("PipelinePrimaryTopicReference"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isClassPrivateProperty=function(e,t){if(!e)return!1;if("ClassPrivateProperty"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isClassPrivateMethod=function(e,t){if(!e)return!1;if("ClassPrivateMethod"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isImportAttribute=function(e,t){if(!e)return!1;if("ImportAttribute"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isDecorator=function(e,t){if(!e)return!1;if("Decorator"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isDoExpression=function(e,t){if(!e)return!1;if("DoExpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isExportDefaultSpecifier=function(e,t){if(!e)return!1;if("ExportDefaultSpecifier"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isPrivateName=function(e,t){if(!e)return!1;if("PrivateName"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isRecordExpression=function(e,t){if(!e)return!1;if("RecordExpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTupleExpression=function(e,t){if(!e)return!1;if("TupleExpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isDecimalLiteral=function(e,t){if(!e)return!1;if("DecimalLiteral"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isStaticBlock=function(e,t){if(!e)return!1;if("StaticBlock"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSParameterProperty=function(e,t){if(!e)return!1;if("TSParameterProperty"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSDeclareFunction=function(e,t){if(!e)return!1;if("TSDeclareFunction"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSDeclareMethod=function(e,t){if(!e)return!1;if("TSDeclareMethod"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSQualifiedName=function(e,t){if(!e)return!1;if("TSQualifiedName"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSCallSignatureDeclaration=function(e,t){if(!e)return!1;if("TSCallSignatureDeclaration"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSConstructSignatureDeclaration=function(e,t){if(!e)return!1;if("TSConstructSignatureDeclaration"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSPropertySignature=function(e,t){if(!e)return!1;if("TSPropertySignature"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSMethodSignature=function(e,t){if(!e)return!1;if("TSMethodSignature"===e.type)return void

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0===t||(0,i.default)(e,t);return!1},t.isTSIndexSignature=function(e,t){if(!e)return!1;if("TSIndexSignature"===e.type)
)return void
0===t||(0,i.default)(e,t);return!1},t.isTSAnyKeyword=function(e,t){if(!e)return!1;if("TSAnyKeyword"===e.type)ret
urn void
0===t||(0,i.default)(e,t);return!1},t.isTSBooleanKeyword=function(e,t){if(!e)return!1;if("TSBooleanKeyword"===e
.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSBigIntKeyword=function(e,t){if(!e)return!1;if("TSBigIntKeyword"===e.typ
e)return void
0===t||(0,i.default)(e,t);return!1},t.isTSIntrinsicKeyword=function(e,t){if(!e)return!1;if("TSIntrinsicKeyword"===e
.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSNeverKeyword=function(e,t){if(!e)return!1;if("TSNeverKeyword"===e.type)
)return void
0===t||(0,i.default)(e,t);return!1},t.isTSNullKeyword=function(e,t){if(!e)return!1;if("TSNullKeyword"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isTSNumberKeyword=function(e,t){if(!e)return!1;if("TSNumberKeyword"===e.
type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSObjectKeyword=function(e,t){if(!e)return!1;if("TSObjectKeyword"===e.typ
e)return void
0===t||(0,i.default)(e,t);return!1},t.isTSStringKeyword=function(e,t){if(!e)return!1;if("TSStringKeyword"===e.type)
)return void
0===t||(0,i.default)(e,t);return!1},t.isTSSymbolKeyword=function(e,t){if(!e)return!1;if("TSSymbolKeyword"===e.t
ype)return void
0===t||(0,i.default)(e,t);return!1},t.isTSUndefinedKeyword=function(e,t){if(!e)return!1;if("TSUndefinedKeyword"=
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSUnknownKeyword=function(e,t){if(!e)return!1;if("TSUnknownKeyword"===
=e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSVoidKeyword=function(e,t){if(!e)return!1;if("TSVoidKeyword"===e.type)r
eturn void
0===t||(0,i.default)(e,t);return!1},t.isTSThisType=function(e,t){if(!e)return!1;if("TSThisType"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isTSFunctionType=function(e,t){if(!e)return!1;if("TSFunctionType"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isTSConstructorType=function(e,t){if(!e)return!1;if("TSConstructorType"===e.t
ype)return void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeReference=function(e,t){if(!e)return!1;if("TSTypeReference"===e.type)
)return void
0===t||(0,i.default)(e,t);return!1},t.isTSTypePredicate=function(e,t){if(!e)return!1;if("TSTypePredicate"===e.type)r
eturn void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeQuery=function(e,t){if(!e)return!1;if("TSTypeQuery"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeLiteral=function(e,t){if(!e)return!1;if("TSTypeLiteral"===e.type)retu
rn void
0===t||(0,i.default)(e,t);return!1},t.isTSArrayType=function(e,t){if(!e)return!1;if("TSArrayType"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isTSTupleType=function(e,t){if(!e)return!1;if("TSTupleType"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isTSOptionalType=function(e,t){if(!e)return!1;if("TSOptionalType"===e.type)re
turn void

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0===t||(0,i.default)(e,t);return!1},t.isTSRestType=function(e,t){if(!e)return!1;if("TSRestType"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isTSNamedTupleMember=function(e,t){if(!e)return!1;if("TSNamedTupleMembe
r"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSUnionType=function(e,t){if(!e)return!1;if("TSUnionType"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isTSIntersectionType=function(e,t){if(!e)return!1;if("TSIntersectionType"===e.t
ype)return void
0===t||(0,i.default)(e,t);return!1},t.isTSConditionalType=function(e,t){if(!e)return!1;if("TSConditionalType"===e.t
ype)return void
0===t||(0,i.default)(e,t);return!1},t.isTSInferType=function(e,t){if(!e)return!1;if("TSInferType"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isTSParenthesizedType=function(e,t){if(!e)return!1;if("TSParenthesizedType"==
=e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeOperator=function(e,t){if(!e)return!1;if("TSTypeOperator"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isTSIndexedAccessType=function(e,t){if(!e)return!1;if("TSIndexedAccessType"
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSMappedType=function(e,t){if(!e)return!1;if("TSMappedType"===e.type)ret
urn void
0===t||(0,i.default)(e,t);return!1},t.isTSLiteralType=function(e,t){if(!e)return!1;if("TSLiteralType"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isTSExpressionWithTypeArguments=function(e,t){if(!e)return!1;if("TSExpressio
nWithTypeArguments"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSInterfaceDeclaration=function(e,t){if(!e)return!1;if("TSInterfaceDeclaration"
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSInterfaceBody=function(e,t){if(!e)return!1;if("TSInterfaceBody"===e.type)r
eturn void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeAliasDeclaration=function(e,t){if(!e)return!1;if("TSTypeAliasDeclarati
on"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSAsExpression=function(e,t){if(!e)return!1;if("TSAsExpression"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeAssertion=function(e,t){if(!e)return!1;if("TSTypeAssertion"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isTSEnumDeclaration=function(e,t){if(!e)return!1;if("TSEnumDeclaration"===e
.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSEnumMember=function(e,t){if(!e)return!1;if("TSEnumMember"===e.type)r
eturn void
0===t||(0,i.default)(e,t);return!1},t.isTSModuleDeclaration=function(e,t){if(!e)return!1;if("TSModuleDeclaration"=
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSModuleBlock=function(e,t){if(!e)return!1;if("TSModuleBlock"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isTSImportType=function(e,t){if(!e)return!1;if("TSImportType"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isTSImportEqualsDeclaration=function(e,t){if(!e)return!1;if("TSImportEqualsDe
claration"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSExternalModuleReference=function(e,t){if(!e)return!1;if("TSExternalModul
eReference"===e.type)return void

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0===t||(0,i.default)(e,t);return!1},t.isTSNonNullExpression=function(e,t){if(!e)return!1;if("TSNonNullExpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSExportAssignment=function(e,t){if(!e)return!1;if("TSExportAssignment"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSNamespaceExportDeclaration=function(e,t){if(!e)return!1;if("TSNamespaceExportDeclaration"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeAnnotation=function(e,t){if(!e)return!1;if("TSTypeAnnotation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeParameterInstantiation=function(e,t){if(!e)return!1;if("TSTypeParameterInstantiation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeParameterDeclaration=function(e,t){if(!e)return!1;if("TSTypeParameterDeclaration"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeParameter=function(e,t){if(!e)return!1;if("TSTypeParameter"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isExpression=function(e,t){if(!e)return!1;const r=e.type;if("Expression"===r||"ArrayExpression"===r||"AssignmentExpression"===r||"BinaryExpression"===r||"CallExpression"===r||"ConditionalExpression"===r||"FunctionExpression"===r||"Identifier"===r||"StringLiteral"===r||"NumericLiteral"===r||"NullLiteral"===r||"BooleanLiteral"===r||"RegExpLiteral"===r||"LogicalExpression"===r||"MemberExpression"===r||"NewExpression"===r||"ObjectExpression"===r||"SequenceExpression"===r||"ParenthesizedExpression"===r||"ThisExpression"===r||"UnaryExpression"===r||"UpdateExpression"===r||"ArrowFunctionExpression"===r||"ClassExpression"===r||"MetaProperty"===r||"Super"===r||"TaggedTemplateExpression"===r||"TemplateLiteral"===r||"YieldExpression"===r||"AwaitExpression"===r||"Import"===r||"BigIntLiteral"===r||"OptionalMemberExpression"===r||"OptionalCallExpression"===r||"TypeCastExpression"===r||"JSXElement"===r||"JSXFragment"===r||"BindExpression"===r||"PipelinePrimaryTopicReference"===r||"DoExpression"===r||"RecordExpression"===r||"TupleExpression"===r||"DecimalLiteral"===r||"TSAsExpression"===r||"TSTypeAssertion"===r||"TSNonNullExpression"===r||"Placeholder"===r&&("Expression"===e.expectedNode||"Identifier"===e.expectedNode||"StringLiteral"===e.expectedNode))return void
0===t||(0,i.default)(e,t);return!1},t.isBinary=function(e,t){if(!e)return!1;const r=e.type;if("Binary"===r||"BinaryExpression"===r||"LogicalExpression"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isScopable=function(e,t){if(!e)return!1;const r=e.type;if("Scopable"===r||"BlockStatement"===r||"CatchClause"===r||"DoWhileStatement"===r||"ForInStatement"===r||"ForStatement"===r||"FunctionDeclaration"===r||"FunctionExpression"===r||"Program"===r||"ObjectMethod"===r||"SwitchStatement"===r||"WhileStatement"===r||"ArrowFunctionExpression"===r||"ClassExpression"===r||"ClassDeclaration"===r||"ForOfStatement"===r||"ClassMethod"===r||"ClassPrivateMethod"===r||"StaticBlock"===r||"TSMODULEBlock"===r||"Placeholder"===r&&"BlockStatement"===e.expectedNode)return void
0===t||(0,i.default)(e,t);return!1},t.isBlockParent=function(e,t){if(!e)return!1;const r=e.type;if("BlockParent"===r||"BlockStatement"===r||"CatchClause"===r||"DoWhileStatement"===r||"ForInStatement"===r||"ForStatement"===r||"FunctionDeclaration"===r||"FunctionExpression"===r||"Program"===r||"ObjectMethod"===r||"SwitchStatement"===r||"WhileStatement"===r||"ArrowFunctionExpression"===r||"ForOfStatement"===r||"ClassMethod"===r||"ClassPrivateMethod"===r||"StaticBlock"===r||"TSMODULEBlock"===r||"Placeholder"===r&&"BlockStatement"===e.expectedNode)return void
0===t||(0,i.default)(e,t);return!1},t.isBlock=function(e,t){if(!e)return!1;const r=e.type;if("Block"===r||"BlockStatement"===r||"Program"===r||"TSMODULEBlock"===r||"Placeholder"===r&&"BlockStatement"===e.expectedNode)return void
0===t||(0,i.default)(e,t);return!1},t.isStatement=function(e,t){if(!e)return!1;const r=e.type;if("Statement"===r||"BlockStatement"===r||"BreakStatement"===r||"ContinueStatement"===r||"DebuggerStatement"===r||"DoWhileStatement"===r||"EmptyStatement"===r||"ExpressionStatement"===r||"ForInStatement"===r||"ForStatement"===r||"FunctionDeclaration"===r||"IfStatement"===r||"LabeledStatement"===r||"ReturnStatement"===r||"SwitchStatement"===r||"ThrowStatement"===r||"TryStatement"===r||"VariableDeclaration"===r||"Whil

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eStatement"===r||"WithStatement"===r||"ClassDeclaration"===r||"ExportAllDeclaration"===r||"ExportDefaultDecl
aration"===r||"ExportNamedDeclaration"===r||"ForOfStatement"===r||"ImportDeclaration"===r||"DeclareClass"==
=r||"DeclareFunction"===r||"DeclareInterface"===r||"DeclareModule"===r||"DeclareModuleExports"===r||"Declare
TypeAlias"===r||"DeclareOpaqueType"===r||"DeclareVariable"===r||"DeclareExportDeclaration"===r||"DeclareEx
portAllDeclaration"===r||"InterfaceDeclaration"===r||"OpaqueType"===r||"TypeAlias"===r||"EnumDeclaration"==
=r||"TSDeclareFunction"===r||"TSInterfaceDeclaration"===r||"TSTypeAliasDeclaration"===r||"TSEnumDeclaratio
n"===r||"TSMODULEDECLARATION"===r||"TSImportEqualsDeclaration"===r||"TSEXPORTASSIGNMENT"===r||"TSNamespac
eExportDeclaration"===r||"Placeholder"===r&&("Statement"===e.expectedNode||"Declaration"===e.expectedN
ode)||"BlockStatement"===e.expectedNode))return void
0===t||(0,i.default)(e,t);return!1},t.isTerminatorless=function(e,t){if(!e)return!1;const
r=e.type;if("Terminatorless"===r||"BreakStatement"===r||"ContinueStatement"===r||"ReturnStatement"===r||"Thro
wStatement"===r||"YieldExpression"===r||"AwaitExpression"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isCompletionStatement=function(e,t){if(!e)return!1;const
r=e.type;if("CompletionStatement"===r||"BreakStatement"===r||"ContinueStatement"===r||"ReturnStatement"===r|
|"ThrowStatement"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isConditional=function(e,t){if(!e)return!1;const
r=e.type;if("Conditional"===r||"ConditionalExpression"===r||"IfStatement"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isLoop=function(e,t){if(!e)return!1;const
r=e.type;if("Loop"===r||"DoWhileStatement"===r||"ForInStatement"===r||"ForStatement"===r||"WhileStatement"=
===r||"ForOfStatement"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isWhile=function(e,t){if(!e)return!1;const
r=e.type;if("While"===r||"DoWhileStatement"===r||"WhileStatement"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isExpressionWrapper=function(e,t){if(!e)return!1;const
r=e.type;if("ExpressionWrapper"===r||"ExpressionStatement"===r||"ParenthesizedExpression"===r||"TypeCastExp
ression"===r)return void 0===t||(0,i.default)(e,t);return!1},t.isFor=function(e,t){if(!e)return!1;const
r=e.type;if("For"===r||"ForInStatement"===r||"ForStatement"===r||"ForOfStatement"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isForXStatement=function(e,t){if(!e)return!1;const
r=e.type;if("ForXStatement"===r||"ForInStatement"===r||"ForOfStatement"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isFunction=function(e,t){if(!e)return!1;const
r=e.type;if("Function"===r||"FunctionDeclaration"===r||"FunctionExpression"===r||"ObjectMethod"===r||"ArrowF
unctionExpression"===r||"ClassMethod"===r||"ClassPrivateMethod"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isFunctionParent=function(e,t){if(!e)return!1;const
r=e.type;if("FunctionParent"===r||"FunctionDeclaration"===r||"FunctionExpression"===r||"ObjectMethod"===r||"A
rrowFunctionExpression"===r||"ClassMethod"===r||"ClassPrivateMethod"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isPureish=function(e,t){if(!e)return!1;const
r=e.type;if("Pureish"===r||"FunctionDeclaration"===r||"FunctionExpression"===r||"StringLiteral"===r||"NumericLi
teral"===r||"NullLiteral"===r||"BooleanLiteral"===r||"RegExpLiteral"===r||"ArrowFunctionExpression"===r||"BigI
ntLiteral"===r||"DecimalLiteral"===r||"Placeholder"===r&&"StringLiteral"===e.expectedNode)return void
0===t||(0,i.default)(e,t);return!1},t.isDeclaration=function(e,t){if(!e)return!1;const
r=e.type;if("Declaration"===r||"FunctionDeclaration"===r||"VariableDeclaration"===r||"ClassDeclaration"===r||"E
xportAllDeclaration"===r||"ExportDefaultDeclaration"===r||"ExportNamedDeclaration"===r||"ImportDeclaration"=
===r||"DeclareClass"===r||"DeclareFunction"===r||"DeclareInterface"===r||"DeclareModule"===r||"DeclareModule
Exports"===r||"DeclareTypeAlias"===r||"DeclareOpaqueType"===r||"DeclareVariable"===r||"DeclareExportDeclara
tion"===r||"DeclareExportAllDeclaration"===r||"InterfaceDeclaration"===r||"OpaqueType"===r||"TypeAlias"===r
||"EnumDeclaration"===r||"TSDeclareFunction"===r||"TSInterfaceDeclaration"===r||"TSTypeAliasDeclaration"===
=r||"TSEnumDeclaration"===r||"TSMODULEDECLARATION"===r||"Placeholder"===r&&"Declaration"===e.expectedNo
de)return void 0===t||(0,i.default)(e,t);return!1},t.isPatternLike=function(e,t){if(!e)return!1;const
r=e.type;if("PatternLike"===r||"Identifier"===r||"RestElement"===r||"AssignmentPattern"===r||"ArrayPattern"===r

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||"ObjectPattern"===r||"Placeholder"===r&&("Pattern"===e.expectedNode||"Identifier"===e.expectedNode))return
void 0===t||(0,i.default)(e,t);return!1},t.isLVal=function(e,t){if(!e)return!1;const
r=e.type;if("LVal"===r||"Identifier"===r||"MemberExpression"===r||"RestElement"===r||"AssignmentPattern"===r
||"ArrayPattern"===r||"ObjectPattern"===r||"TSPROPERTY"===r||"Placeholder"===r&&("Pattern"===e.exp
ectedNode||"Identifier"===e.expectedNode))return void
0===t||(0,i.default)(e,t);return!1},t.isTSEntityName=function(e,t){if(!e)return!1;const
r=e.type;if("TSEntityName"===r||"Identifier"===r||"TSQualifiedName"===r||"Placeholder"===r&&"Identifier"===
e.expectedNode)return void 0===t||(0,i.default)(e,t);return!1},t.isLiteral=function(e,t){if(!e)return!1;const
r=e.type;if("Literal"===r||"StringLiteral"===r||"NumericLiteral"===r||"NullLiteral"===r||"BooleanLiteral"===r||"Re
gExpLiteral"===r||"TemplateLiteral"===r||"BigIntLiteral"===r||"DecimalLiteral"===r||"Placeholder"===r&&"Strin
gLiteral"===e.expectedNode)return void
0===t||(0,i.default)(e,t);return!1},t.isImmutable=function(e,t){if(!e)return!1;const
r=e.type;if("Immutable"===r||"StringLiteral"===r||"NumericLiteral"===r||"NullLiteral"===r||"BooleanLiteral"===r||
"BigIntLiteral"===r||"JSXAttribute"===r||"JSXClosingElement"===r||"JSXElement"===r||"JSXExpressionContaine
r"===r||"JSXSpreadChild"===r||"JSXOpeningElement"===r||"JSXText"===r||"JSXFragment"===r||"JSXOpeningFr
agment"===r||"JSXClosingFragment"===r||"DecimalLiteral"===r||"Placeholder"===r&&"StringLiteral"===e.expec
tedNode)return void 0===t||(0,i.default)(e,t);return!1},t.isUserWhitespacable=function(e,t){if(!e)return!1;const
r=e.type;if("UserWhitespacable"===r||"ObjectMethod"===r||"ObjectProperty"===r||"ObjectTypeInternalSlot"===r||
"ObjectTypeCallProperty"===r||"ObjectTypeIndexer"===r||"ObjectTypeProperty"===r||"ObjectTypeSpreadPropert
y"===r)return void 0===t||(0,i.default)(e,t);return!1},t.isMethod=function(e,t){if(!e)return!1;const
r=e.type;if("Method"===r||"ObjectMethod"===r||"ClassMethod"===r||"ClassPrivateMethod"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectMember=function(e,t){if(!e)return!1;const
r=e.type;if("ObjectMember"===r||"ObjectMethod"===r||"ObjectProperty"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isProperty=function(e,t){if(!e)return!1;const
r=e.type;if("Property"===r||"ObjectProperty"===r||"ClassProperty"===r||"ClassPrivateProperty"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isUnaryLike=function(e,t){if(!e)return!1;const
r=e.type;if("UnaryLike"===r||"UnaryExpression"===r||"SpreadElement"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isPattern=function(e,t){if(!e)return!1;const
r=e.type;if("Pattern"===r||"AssignmentPattern"===r||"ArrayPattern"===r||"ObjectPattern"===r||"Placeholder"===r
&&"Pattern"===e.expectedNode)return void
0===t||(0,i.default)(e,t);return!1},t.isClass=function(e,t){if(!e)return!1;const
r=e.type;if("Class"===r||"ClassExpression"===r||"ClassDeclaration"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isModuleDeclaration=function(e,t){if(!e)return!1;const
r=e.type;if("ModuleDeclaration"===r||"ExportAllDeclaration"===r||"ExportDefaultDeclaration"===r||"ExportName
dDeclaration"===r||"ImportDeclaration"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isExportDeclaration=function(e,t){if(!e)return!1;const
r=e.type;if("ExportDeclaration"===r||"ExportAllDeclaration"===r||"ExportDefaultDeclaration"===r||"ExportNamed
Declaration"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isModuleSpecifier=function(e,t){if(!e)return!1;const
r=e.type;if("ModuleSpecifier"===r||"ExportSpecifier"===r||"ImportDefaultSpecifier"===r||"ImportNamespaceSpeci
fier"===r||"ImportSpecifier"===r||"ExportNamespaceSpecifier"===r||"ExportDefaultSpecifier"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isFlow=function(e,t){if(!e)return!1;const
r=e.type;if("Flow"===r||"AnyTypeAnnotation"===r||"ArrayTypeAnnotation"===r||"BooleanTypeAnnotation"===r||
"BooleanLiteralTypeAnnotation"===r||"NullLiteralTypeAnnotation"===r||"ClassImplements"===r||"DeclareClass"
===r||"DeclareFunction"===r||"DeclareInterface"===r||"DeclareModule"===r||"DeclareModuleExports"===r||"Decl
areTypeAlias"===r||"DeclareOpaqueType"===r||"DeclareVariable"===r||"DeclareExportDeclaration"===r||"Declare
ExportAllDeclaration"===r||"DeclaredPredicate"===r||"ExistsTypeAnnotation"===r||"FunctionTypeAnnotation"===
r||"FunctionTypeParam"===r||"GenericTypeAnnotation"===r||"InferredPredicate"===r||"InterfaceExtends"===r||"I

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interfaceDeclaration"===r||"InterfaceTypeAnnotation"===r||"IntersectionTypeAnnotation"===r||"MixedTypeAnnotation"===r||"EmptyTypeAnnotation"===r||"NullableTypeAnnotation"===r||"NumberLiteralTypeAnnotation"===r||"NumberTypeAnnotation"===r||"ObjectTypeAnnotation"===r||"ObjectTypeInternalSlot"===r||"ObjectTypeCallProperty"===r||"ObjectTypeIndexer"===r||"ObjectTypeProperty"===r||"ObjectTypeSpreadProperty"===r||"OpaqueType"===r||"QualifiedTypeIdentifier"===r||"StringLiteralTypeAnnotation"===r||"StringTypeAnnotation"===r||"SymbolTypeAnnotation"===r||"ThisTypeAnnotation"===r||"TupleTypeAnnotation"===r||"TypeofTypeAnnotation"===r||"TypeAlias"===r||"TypeAnnotation"===r||"TypeCastExpression"===r||"TypeParameter"===r||"TypeParameterDeclaration"===r||"TypeParameterInstantiation"===r||"UnionTypeAnnotation"===r||"Variance"===r||"VoidTypeAnnotation"===r)return void 0===t||(0,i.default)(e,t);return!1},t.isFlowType=function(e,t){if(!e)return!1;const r=e.type;if("FlowType"===r||"AnyTypeAnnotation"===r||"ArrayTypeAnnotation"===r||"BooleanTypeAnnotation"===r||"BooleanLiteralTypeAnnotation"===r||"NullLiteralTypeAnnotation"===r||"ExistsTypeAnnotation"===r||"FunctionTypeAnnotation"===r||"GenericTypeAnnotation"===r||"InterfaceTypeAnnotation"===r||"IntersectionTypeAnnotation"===r||"MixedTypeAnnotation"===r||"EmptyTypeAnnotation"===r||"NullableTypeAnnotation"===r||"NumberLiteralTypeAnnotation"===r||"NumberTypeAnnotation"===r||"ObjectTypeAnnotation"===r||"StringLiteralTypeAnnotation"===r||"StringTypeAnnotation"===r||"SymbolTypeAnnotation"===r||"ThisTypeAnnotation"===r||"TupleTypeAnnotation"===r||"TypeofTypeAnnotation"===r||"UnionTypeAnnotation"===r||"VoidTypeAnnotation"===r)return void 0===t||(0,i.default)(e,t);return!1},t.isFlowBaseAnnotation=function(e,t){if(!e)return!1;const r=e.type;if("FlowBaseAnnotation"===r||"AnyTypeAnnotation"===r||"BooleanTypeAnnotation"===r||"NullLiteralTypeAnnotation"===r||"MixedTypeAnnotation"===r||"EmptyTypeAnnotation"===r||"NumberTypeAnnotation"===r||"StringTypeAnnotation"===r||"SymbolTypeAnnotation"===r||"ThisTypeAnnotation"===r||"VoidTypeAnnotation"===r)return void 0===t||(0,i.default)(e,t);return!1},t.isFlowDeclaration=function(e,t){if(!e)return!1;const r=e.type;if("FlowDeclaration"===r||"DeclareClass"===r||"DeclareFunction"===r||"DeclareInterface"===r||"DeclareModule"===r||"DeclareModuleExports"===r||"DeclareTypeAlias"===r||"DeclareOpaqueType"===r||"DeclareVariable"===r||"DeclareExportDeclaration"===r||"DeclareExportAllDeclaration"===r||"InterfaceDeclaration"===r||"OpaqueType"===r||"TypeAlias"===r)return void 0===t||(0,i.default)(e,t);return!1},t.isFlowPredicate=function(e,t){if(!e)return!1;const r=e.type;if("FlowPredicate"===r||"DeclaredPredicate"===r||"InferredPredicate"===r)return void 0===t||(0,i.default)(e,t);return!1},t.isEnumBody=function(e,t){if(!e)return!1;const r=e.type;if("EnumBody"===r||"EnumBooleanBody"===r||"EnumNumberBody"===r||"EnumStringBody"===r||"EnumSymbolBody"===r)return void 0===t||(0,i.default)(e,t);return!1},t.isEnumMember=function(e,t){if(!e)return!1;const r=e.type;if("EnumMember"===r||"EnumBooleanMember"===r||"EnumNumberMember"===r||"EnumStringMember"===r||"EnumDefaultedMember"===r)return void 0===t||(0,i.default)(e,t);return!1},t.isJSX=function(e,t){if(!e)return!1;const r=e.type;if("JSX"===r||"JSXAttribute"===r||"JSXClosingElement"===r||"JSXElement"===r||"JSXEmptyExpression"===r||"JSXExpressionContainer"===r||"JSXSpreadChild"===r||"JSXIdentifier"===r||"JSXMemberExpression"===r||"JSXNamespacedName"===r||"JSXOpeningElement"===r||"JSXSpreadAttribute"===r||"JSXText"===r||"JSXFragment"===r||"JSXOpeningFragment"===r||"JSXClosingFragment"===r)return void 0===t||(0,i.default)(e,t);return!1},t.isPrivate=function(e,t){if(!e)return!1;const r=e.type;if("Private"===r||"ClassPrivateProperty"===r||"ClassPrivateMethod"===r||"PrivateName"===r)return void 0===t||(0,i.default)(e,t);return!1},t.isTSTypeElement=function(e,t){if(!e)return!1;const r=e.type;if("TSTypeElement"===r||"TSCallSignatureDeclaration"===r||"TSConstructSignatureDeclaration"===r||"TSPROPERTYSignature"===r||"TSMETHODSignature"===r||"TSINDEXSignature"===r)return void 0===t||(0,i.default)(e,t);return!1},t.isTSType=function(e,t){if(!e)return!1;const r=e.type;if("TSType"===r||"TSAnyKeyword"===r||"TSBooleanKeyword"===r||"TSBigIntKeyword"===r||"TSIntrinsicKeyword"===r||"TSNeverKeyword"===r||"TSNullKeyword"===r||"TSNumberKeyword"===r||"TSObjectKeyword"===r||"TSStringKeyword"===r||"TSSymbolKeyword"===r||"TSUndefinedKeyword"===r||"TSUnknownKeyword"===r||"TSVoidKeyword"===r||"TSThisType"===r||"TSFunctionType"===r||"TSConstructorType"===r||"TSType

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Reference"===r||"TSTypePredicate"===r||"TSTypeQuery"===r||"TSTypeLiteral"===r||"TSArrayType"===r||"TSTupleType"===r||"TSOptionalType"===r||"TSRestType"===r||"TSUnionType"===r||"TSIntersectionType"===r||"TSConditionalType"===r||"TSInferType"===r||"TSParenthesizedType"===r||"TSTypeOperator"===r||"TSIndexedAccessType"===r||"TSMappedType"===r||"TSLiteralType"===r||"TSExpressionWithTypeArguments"===r||"TSImportType"===r)
return void 0===t||(0,i.default)(e,t);return!1},t.isTSBaseType=function(e,t){if(!e)return!1;const r=e.type;if("TSBaseType"===r||"TSAnyKeyword"===r||"TSBooleanKeyword"===r||"TSBigIntKeyword"===r||"TSIntrinsicKeyword"===r||"TSNeverKeyword"===r||"TSNullKeyword"===r||"TSNumberKeyword"===r||"TSObjectKeyword"===r||"TSStringKeyword"===r||"TSSymbolKeyword"===r||"TSUndefinedKeyword"===r||"TSUnknownKeyword"===r||"TSVoidKeyword"===r||"TSThisType"===r||"TSLiteralType"===r)return void 0===t||(0,i.default)(e,t);return!1},t.isNumberLiteral=function(e,t){if(console.trace("The node type NumberLiteral has been renamed to NumericLiteral"),!e)return!1;if("NumberLiteral"===e.type)return void 0===t||(0,i.default)(e,t);return!1},t.isRegexLiteral=function(e,t){if(console.trace("The node type RegexLiteral has been renamed to RegExpLiteral"),!e)return!1;if("RegexLiteral"===e.type)return void 0===t||(0,i.default)(e,t);return!1},t.isRestProperty=function(e,t){if(console.trace("The node type RestProperty has been renamed to RestElement"),!e)return!1;if("RestProperty"===e.type)return void 0===t||(0,i.default)(e,t);return!1},t.isSpreadProperty=function(e,t){if(console.trace("The node type SpreadProperty has been renamed to SpreadElement"),!e)return!1;if("SpreadProperty"===e.type)return void 0===t||(0,i.default)(e,t);return!1};var n,i=(n=r(39))&&n.__esModule?n:{default:n}},function(e,t,r){
"strict";Object.defineProperty(t,"__esModule",{value:!0}),t.arrayExpression=function(e){return(0,n.default)("ArrayExpression",...arguments)},t.assignmentExpression=function(e,t,r){return(0,n.default)("AssignmentExpression",...arguments)},t.binaryExpression=function(e,t,r){return(0,n.default)("BinaryExpression",...arguments)},t.interpreterDirective=function(e){return(0,n.default)("InterpreterDirective",...arguments)},t.directive=function(e){return(0,n.default)("Directive",...arguments)},t.directiveLiteral=function(e){return(0,n.default)("DirectiveLiteral",...arguments)},t.blockStatement=function(e,t){return(0,n.default)("BlockStatement",...arguments)},t.breakStatement=function(e){return(0,n.default)("BreakStatement",...arguments)},t.callExpression=function(e,t){return(0,n.default)("CallExpression",...arguments)},t.catchClause=function(e,t){return(0,n.default)("CatchClause",...arguments)},t.conditionalExpression=function(e,t,r){return(0,n.default)("ConditionalExpression",...arguments)},t.continueStatement=function(e){return(0,n.default)("ContinueStatement",...arguments)},t.debuggerStatement=function(){return(0,n.default)("DebuggerStatement",...arguments)},t.doWhileStatement=function(e,t){return(0,n.default)("DoWhileStatement",...arguments)},t.emptyStatement=function(){return(0,n.default)("EmptyStatement",...arguments)},t.expressionStatement=function(e){return(0,n.default)("ExpressionStatement",...arguments)},t.file=function(e,t,r){return(0,n.default)("File",...arguments)},t.forInStatement=function(e,t,r){return(0,n.default)("ForInStatement",...arguments)},t.forStatement=function(e,t,r,i){return(0,n.default)("ForStatement",...arguments)},t.functionDeclaration=function(e,t,r,i,s){return(0,n.default)("FunctionDeclaration",...arguments)},t.functionExpression=function(e,t,r,i,s){return(0,n.default)("FunctionExpression",...arguments)},t.identifier=function(e){return(0,n.default)("Identifier",...arguments)},t.ifStatement=function(e,t,r){return(0,n.default)("IfStatement",...arguments)},t.labeledStatement=function(e,t){return(0,n.default)("LabeledStatement",...arguments)},t.stringLiteral=function(e){return(0,n.default)("StringLiteral",...arguments)},t.numericLiteral=function(e){return(0,n.default)("NumericLiteral",...arguments)},t.nullLiteral=function(){return(0,n.default)("NullLiteral",...arguments)},t.booleanLiteral=function(e){return(0,n.default)("BooleanLiteral",...arguments)},t.regExpLiteral=function(e,t){return(0,n.default)("RegExpLiteral",...arguments)},t.logicalExpression=function(e,t,r){return(0,n.default)("LogicalExpression",...arguments)},t.memberExpression=function(e,t,r,i){return(0,n.default)("MemberExpression",...arguments)},t.newExpression=function(e,t){return(0,n.default)("NewExpression",...arguments)},t.program=function(e,t,r,i){return(0,n.default)("Program",...arguments)},t.objectExpression=function(e){return(0,n.default)("ObjectExpression",...arguments)},t.objectMethod=function(e,t,r,i,s,a,o){return(0,n.default)("ObjectMethod",...arguments)},t.objectProperty=function(e,t,r,i,s){return(0,n.default)("ObjectProperty",...arguments)},t.restElement=function(e){return(0,n.default)("RestElement",...arguments)},t.returnStatement=function(e){return(0,n.default)("ReturnStatement",...arguments)},t.sequenceExpression=function(e){return(0,n.default)("SequenceExpression",...arguments)},t.parenthesizedExpression=function(e){return(0,n.default)("ParenthesizedExpression",...arguments)},t.switchCase=function

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(e,t){return(0,n.default)("SwitchCase",...arguments)},t.switchStatement=function(e,t){return(0,n.default)("SwitchStatement",...arguments)},t.thisExpression=function(){return(0,n.default)("ThisExpression",...arguments)},t.throwStatement=function(e){return(0,n.default)("ThrowStatement",...arguments)},t.tryStatement=function(e,t,r){return(0,n.default)("TryStatement",...arguments)},t.unaryExpression=function(e,t,r){return(0,n.default)("UnaryExpression",...arguments)},t.updateExpression=function(e,t,r){return(0,n.default)("UpdateExpression",...arguments)},t.variableDeclaration=function(e,t){return(0,n.default)("VariableDeclaration",...arguments)},t.variableDeclarator=function(e,t){return(0,n.default)("VariableDeclarator",...arguments)},t.whileStatement=function(e,t){return(0,n.default)("WhileStatement",...arguments)},t.withStatement=function(e,t){return(0,n.default)("WithStatement",...arguments)},t.assignmentPattern=function(e,t){return(0,n.default)("AssignmentPattern",...arguments)},t.arrayPattern=function(e){return(0,n.default)("ArrayPattern",...arguments)},t.arrowFunctionExpression=function(e,t,r){return(0,n.default)("ArrowFunctionExpression",...arguments)},t.classBody=function(e){return(0,n.default)("ClassBody",...arguments)},t.classExpression=function(e,t,r,i){return(0,n.default)("ClassExpression",...arguments)},t.classDeclaration=function(e,t,r,i){return(0,n.default)("ClassDeclaration",...arguments)},t.exportAllDeclaration=function(e){return(0,n.default)("ExportAllDeclaration",...arguments)},t.exportDefaultDeclaration=function(e){return(0,n.default)("ExportDefaultDeclaration",...arguments)},t.exportNamedDeclaration=function(e,t,r){return(0,n.default)("ExportNamedDeclaration",...arguments)},t.exportSpecifier=function(e,t){return(0,n.default)("ExportSpecifier",...arguments)},t.forOfStatement=function(e,t,r,i){return(0,n.default)("ForOfStatement",...arguments)},t.importDeclaration=function(e,t){return(0,n.default)("ImportDeclaration",...arguments)},t.importDefaultSpecifier=function(e){return(0,n.default)("ImportDefaultSpecifier",...arguments)},t.importNamespaceSpecifier=function(e){return(0,n.default)("ImportNamespaceSpecifier",...arguments)},t.importSpecifier=function(e,t){return(0,n.default)("ImportSpecifier",...arguments)},t.metaProperty=function(e,t){return(0,n.default)("MetaProperty",...arguments)},t.classMethod=function(e,t,r,i,s,a,o,l){return(0,n.default)("ClassMethod",...arguments)},t.objectPattern=function(e){return(0,n.default)("ObjectPattern",...arguments)},t.spreadElement=function(e){return(0,n.default)("SpreadElement",...arguments)},t.super=function(){return(0,n.default)("Super",...arguments)},t.taggedTemplateExpression=function(e,t){return(0,n.default)("TaggedTemplateExpression",...arguments)},t.templateElement=function(e,t){return(0,n.default)("TemplateElement",...arguments)},t.templateLiteral=function(e,t){return(0,n.default)("TemplateLiteral",...arguments)},t.yieldExpression=function(e,t){return(0,n.default)("YieldExpression",...arguments)},t.awaitExpression=function(e){return(0,n.default)("AwaitExpression",...arguments)},t.import=function(){return(0,n.default)("Import",...arguments)},t.bigIntLiteral=function(e){return(0,n.default)("BigIntLiteral",...arguments)},t.exportNamespaceSpecifier=function(e){return(0,n.default)("ExportNamespaceSpecifier",...arguments)},t.optionalMemberExpression=function(e,t,r,i){return(0,n.default)("OptionalMemberExpression",...arguments)},t.optionalCallExpression=function(e,t,r){return(0,n.default)("OptionalCallExpression",...arguments)},t.anyTypeAnnotation=function(){return(0,n.default)("AnyTypeAnnotation",...arguments)},t.arrayTypeAnnotation=function(e){return(0,n.default)("ArrayTypeAnnotation",...arguments)},t.booleanTypeAnnotation=function(){return(0,n.default)("BooleanTypeAnnotation",...arguments)},t.booleanLiteralTypeAnnotation=function(e){return(0,n.default)("BooleanLiteralTypeAnnotation",...arguments)},t.nullLiteralTypeAnnotation=function(){return(0,n.default)("NullLiteralTypeAnnotation",...arguments)},t.classImplements=function(e,t){return(0,n.default)("ClassImplements",...arguments)},t.declareClass=function(e,t,r,i){return(0,n.default)("DeclareClass",...arguments)},t.declareFunction=function(e){return(0,n.default)("DeclareFunction",...arguments)},t.declareInterface=function(e,t,r,i){return(0,n.default)("DeclareInterface",...arguments)},t.declareModule=function(e,t,r){return(0,n.default)("DeclareModule",...arguments)},t.declareModuleExports=function(e){return(0,n.default)("DeclareModuleExports",...arguments)},t.declareTypeAlias=function(e,t,r){return(0,n.default)("DeclareTypeAlias",...arguments)},t.declareOpaqueType=function(e,t,r){return(0,n.default)("DeclareOpaqueType",...arguments)},t.declareVariable=function(e){return(0,n.default)("DeclareVariable",...arguments)},t.declareExportDeclaration=function(e,t,r){return(0,n.default)("DeclareExportDeclaration",...arguments)},t.declareExportAllDeclaration=function(e){return(0,n.default)("DeclareExportAllDeclaration",...arguments)},t.declaredPredicate=function(e){return(0,n.default)("DeclaredPredicate",...arguments)},t.existsTypeAnnotation=function(){return(0,n.default)("ExistsTypeAnnotation",...arguments)},t.functionTypeAnnotation=function(e,t,r,i){return(0,n.default)("FunctionTypeAnnotation",...arguments)},t.functionTypeParam=function(e,t){return(0,n.default)("FunctionTypeParam",...arguments)},t.genericTypeAnnotation=function(e,t){return(0,n.default)("GenericTypeAnnotation

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"...arguments}),t.inferredPredicate=function(){return(0,n.default)("InferredPredicate",...arguments)},t.interfaceExtsnds=function(e,t){return(0,n.default)("InterfaceExtends",...arguments)},t.interfaceDeclaration=function(e,t,r,i){return(0,n.default)("InterfaceDeclaration",...arguments)},t.interfaceTypeAnnotation=function(e,t){return(0,n.default)("InterfaceTypeAnnotation",...arguments)},t.intersectionTypeAnnotation=function(e){return(0,n.default)("IntersectionTypeAnnotation",...arguments)},t.mixedTypeAnnotation=function(){return(0,n.default)("MixedTypeAnnotation",...arguments)},t.emptyTypeAnnotation=function(){return(0,n.default)("EmptyTypeAnnotation",...arguments)},t.nullableTypeAnnotation=function(e){return(0,n.default)("NullableTypeAnnotation",...arguments)},t.numberLiteralTypeAnnotation=function(e){return(0,n.default)("NumberLiteralTypeAnnotation",...arguments)},t.numberTypeAnnotation=function(){return(0,n.default)("NumberTypeAnnotation",...arguments)},t.objectTypeAnnotation=function(e,t,r,i,s){return(0,n.default)("ObjectTypeAnnotation",...arguments)},t.objectTypeInternalSlot=function(e,t,r,i,s){return(0,n.default)("ObjectTypeInternalSlot",...arguments)},t.objectTypeCallProperty=function(e){return(0,n.default)("ObjectTypeCallProperty",...arguments)},t.objectTypeIndexer=function(e,t,r,i){return(0,n.default)("ObjectTypeIndexer",...arguments)},t.objectTypeProperty=function(e,t,r){return(0,n.default)("ObjectTypeProperty",...arguments)},t.objectTypeSpreadProperty=function(e){return(0,n.default)("ObjectTypeSpreadProperty",...arguments)},t.opaqueType=function(e,t,r,i){return(0,n.default)("OpaqueType",...arguments)},t.qualifiedTypeIdentifier=function(e,t){return(0,n.default)("QualifiedTypeIdentifier",...arguments)},t.stringLiteralTypeAnnotation=function(e){return(0,n.default)("StringLiteralTypeAnnotation",...arguments)},t.stringTypeAnnotation=function(){return(0,n.default)("StringTypeAnnotation",...arguments)},t.symbolTypeAnnotation=function(){return(0,n.default)("SymbolTypeAnnotation",...arguments)},t.thisTypeAnnotation=function(){return(0,n.default)("ThisTypeAnnotation",...arguments)},t.tupleTypeAnnotation=function(e){return(0,n.default)("TupleTypeAnnotation",...arguments)},t.typeofTypeAnnotation=function(e){return(0,n.default)("TypeofTypeAnnotation",...arguments)},t.typeAlias=function(e,t,r){return(0,n.default)("TypeAlias",...arguments)},t.typeAnnotation=function(e){return(0,n.default)("TypeAnnotation",...arguments)},t.typeCastExpression=function(e,t){return(0,n.default)("TypeCastExpression",...arguments)},t.typeParameter=function(e,t,r){return(0,n.default)("TypeParameter",...arguments)},t.typeParameterDeclaration=function(e){return(0,n.default)("TypeParameterDeclaration",...arguments)},t.typeParameterInstantiation=function(e){return(0,n.default)("TypeParameterInstantiation",...arguments)},t.unionTypeAnnotation=function(e){return(0,n.default)("UnionTypeAnnotation",...arguments)},t.variance=function(e){return(0,n.default)("Variance",...arguments)},t.voidTypeAnnotation=function(){return(0,n.default)("VoidTypeAnnotation",...arguments)},t.enumDeclaration=function(e,t){return(0,n.default)("EnumDeclaration",...arguments)},t.enumBooleanBody=function(e){return(0,n.default)("EnumBooleanBody",...arguments)},t.enumNumberBody=function(e){return(0,n.default)("EnumNumberBody",...arguments)},t.enumStringBody=function(e){return(0,n.default)("EnumStringBody",...arguments)},t.enumSymbolBody=function(e){return(0,n.default)("EnumSymbolBody",...arguments)},t.enumBooleanMember=function(e){return(0,n.default)("EnumBooleanMember",...arguments)},t.enumNumberMember=function(e,t){return(0,n.default)("EnumNumberMember",...arguments)},t.enumStringMember=function(e,t){return(0,n.default)("EnumStringMember",...arguments)},t.enumDefaultedMember=function(e){return(0,n.default)("EnumDefaultedMember",...arguments)},t.indexedAccessType=function(e,t){return(0,n.default)("IndexedAccessType",...arguments)},t.optionalIndexedAccessType=function(e,t){return(0,n.default)("OptionalIndexedAccessType",...arguments)},t.jsxAttribute=t.jsxAttribute=function(e,t){return(0,n.default)("JSXAttribute",...arguments)},t.jsxClosingElement=t.jsxClosingElement=function(e){return(0,n.default)("JSXClosingElement",...arguments)},t.jsxElement=t.jsxElement=function(e,t,r,i){return(0,n.default)("JSXElement",...arguments)},t.jsxEmptyExpression=t.jsxEmptyExpression=function(){return(0,n.default)("JSXEmptyExpression",...arguments)},t.jsxExpressionContainer=t.jsxExpressionContainer=function(e){return(0,n.default)("JSXExpressionContainer",...arguments)},t.jsxSpreadChild=t.jsxSpreadChild=function(e){return(0,n.default)("JSXSpreadChild",...arguments)},t.jsxIdentifier=t.jsxIdentifier=function(e){return(0,n.default)("JSXIdentifier",...arguments)},t.jsxMemberExpression=t.jsxMemberExpression=function(e,t){return(0,n.default)("JSXMemberExpression",...arguments)},t.jsxNamespacedName=t.jsxNamespacedName=function(e,t){return(0,n.default)("JSXNamespacedName",...arguments)},t.jsxOpeningElement=t.jsxOpeningElement=function(e,t,r){return(0,n.default)("JSXOpeningElement",...arguments)},t.jsxSpreadAttribute=t.jsxSpreadAttribute=function(e){return(0,n.default)("JSXSpreadAttribute",...arguments)},t.jsxText=t.jsxText=function(e){return(0,n.default)("JSXText",...arguments)},t.jsxFragment=t.jsxFragment=function(e,t,r){return(0,n.default

t)("JSXFragment",...arguments)},t.jSXOpeningFragment=t.jsxOpeningFragment=function(){return(0,n.default)("JSXOpeningFragment",...arguments)},t.jSXClosingFragment=t.jsxClosingFragment=function(){return(0,n.default)("JSXClosingFragment",...arguments)},t.noop=function(){return(0,n.default)("Noop",...arguments)},t.placeholder=function(e,t){return(0,n.default)("Placeholder",...arguments)},t.v8IntrinsicIdentifier=function(e){return(0,n.default)("V8IntrinsicIdentifier",...arguments)},t.argumentPlaceholder=function(){return(0,n.default)("ArgumentPlaceholder",...arguments)},t.bindExpression=function(e,t){return(0,n.default)("BindExpression",...arguments)},t.classProperty=function(e,t,r,i,s,a){return(0,n.default)("ClassProperty",...arguments)},t.pipelineTopicExpression=function(e){return(0,n.default)("PipelineTopicExpression",...arguments)},t.pipelineBareFunction=function(e){return(0,n.default)("PipelineBareFunction",...arguments)},t.pipelinePrimaryTopicReference=function(){return(0,n.default)("PipelinePrimaryTopicReference",...arguments)},t.classPrivateProperty=function(e,t,r,i){return(0,n.default)("ClassPrivateProperty",...arguments)},t.classPrivateMethod=function(e,t,r,i,s){return(0,n.default)("ClassPrivateMethod",...arguments)},t.importAttribute=function(e,t){return(0,n.default)("ImportAttribute",...arguments)},t.decorator=function(e){return(0,n.default)("Decorator",...arguments)},t.doExpression=function(e,t){return(0,n.default)("DoExpression",...arguments)},t.exportDefaultSpecifier=function(e){return(0,n.default)("ExportDefaultSpecifier",...arguments)},t.privateName=function(e){return(0,n.default)("PrivateName",...arguments)},t.recordExpression=function(e){return(0,n.default)("RecordExpression",...arguments)},t.tupleExpression=function(e){return(0,n.default)("TupleExpression",...arguments)},t.decimalLiteral=function(e){return(0,n.default)("DecimalLiteral",...arguments)},t.staticBlock=function(e){return(0,n.default)("StaticBlock",...arguments)},t.moduleExpression=function(e){return(0,n.default)("ModuleExpression",...arguments)},t.tsParameterProperty=t.tsParameterProperty=function(e){return(0,n.default)("TSParameterProperty",...arguments)},t.tsDeclareFunction=t.tsDeclareFunction=function(e,t,r,i){return(0,n.default)("TSDeclareFunction",...arguments)},t.tsDeclareMethod=t.tsDeclareMethod=function(e,t,r,i,s){return(0,n.default)("TSDeclareMethod",...arguments)},t.tsQualifiedName=t.tsQualifiedName=function(e,t){return(0,n.default)("TSQualifiedName",...arguments)},t.tsCallSignatureDeclaration=t.tsCallSignatureDeclaration=function(e,t,r){return(0,n.default)("TSCallSignatureDeclaration",...arguments)},t.tsConstructSignatureDeclaration=t.tsConstructSignatureDeclaration=function(e,t,r){return(0,n.default)("TSConstructSignatureDeclaration",...arguments)},t.tsPropertySignature=t.tsPropertySignature=function(e,t,r){return(0,n.default)("TSPropertySignature",...arguments)},t.tsMethodSignature=t.tsMethodSignature=function(e,t,r,i){return(0,n.default)("TSMethodSignature",...arguments)},t.tsIndexSignature=t.tsIndexSignature=function(e,t){return(0,n.default)("TSIndexSignature",...arguments)},t.tsAnyKeyword=t.tsAnyKeyword=function(){return(0,n.default)("TSAnyKeyword",...arguments)},t.tsBooleanKeyword=t.tsBooleanKeyword=function(){return(0,n.default)("TSBooleanKeyword",...arguments)},t.tsBigIntKeyword=t.tsBigIntKeyword=function(){return(0,n.default)("TSBigIntKeyword",...arguments)},t.tsIntrinsicKeyword=t.tsIntrinsicKeyword=function(){return(0,n.default)("TSIntrinsicKeyword",...arguments)},t.tsNeverKeyword=t.tsNeverKeyword=function(){return(0,n.default)("TSNeverKeyword",...arguments)},t.tsNullKeyword=t.tsNullKeyword=function(){return(0,n.default)("TSNullKeyword",...arguments)},t.tsNumberKeyword=t.tsNumberKeyword=function(){return(0,n.default)("TSNumberKeyword",...arguments)},t.tsObjectKeyword=t.tsObjectKeyword=function(){return(0,n.default)("TSObjectKeyword",...arguments)},t.tsStringKeyword=t.tsStringKeyword=function(){return(0,n.default)("TSStringKeyword",...arguments)},t.tsSymbolKeyword=t.tsSymbolKeyword=function(){return(0,n.default)("TSSymbolKeyword",...arguments)},t.tsUndefinedKeyword=t.tsUndefinedKeyword=function(){return(0,n.default)("TSUndefinedKeyword",...arguments)},t.tsUnknownKeyword=t.tsUnknownKeyword=function(){return(0,n.default)("TSUnknownKeyword",...arguments)},t.tsVoidKeyword=t.tsVoidKeyword=function(){return(0,n.default)("TSVoidKeyword",...arguments)},t.tsThisType=t.tsThisType=function(){return(0,n.default)("TSThisType",...arguments)},t.tsFunctionType=t.tsFunctionType=function(e,t,r){return(0,n.default)("TSFunctionType",...arguments)},t.tsConstructorType=t.tsConstructorType=function(e,t,r){return(0,n.default)("TSConstructorType",...arguments)},t.tsTypeReference=t.tsTypeReference=function(e,t){return(0,n.default)("TSTypeReference",...arguments)},t.tsTypePredicate=t.tsTypePredicate=function(e,t,r){return(0,n.default)("TSTypePredicate",...arguments)},t.tsTypeQuery=t.tsTypeQuery=function(e){return(0,n.default)("TSTypeQuery",...arguments)},t.tsTypeLiteral=t.tsTypeLiteral=function(e){return(0,n.default)("TSTypeLiteral",...arguments)},t.tsArrayType=t.tsArrayType=function(e){return(0,n.default)("TSArrayType",...arguments)},t.tsTupleType=t.tsTupleType=function(e){return(0,n.default)("TSTupleType",...arguments)},t.tsOptionalType=t.tsOptionalType=function(e){return(0,n.de


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fault)("TSOptionalType",...arguments)},t.tsRestType=t.tsRestType=function(e){return(0,n.default)("TSRestType",...arguments)},t.tsNamedTupleMember=t.tsNamedTupleMember=function(e,t,r){return(0,n.default)("TSNamedTupleMember",...arguments)},t.tsUnionType=t.tsUnionType=function(e){return(0,n.default)("TSUnionType",...arguments)},t.tsIntersectionType=t.tsIntersectionType=function(e){return(0,n.default)("TSIntersectionType",...arguments)},t.tsConditionalType=t.tsConditionalType=function(e,t,r,i){return(0,n.default)("TSConditionalType",...arguments)},t.tsInferType=t.tsInferType=function(e){return(0,n.default)("TSInferType",...arguments)},t.tsParenthesizedType=t.tsParenthesizedType=function(e){return(0,n.default)("TSParenthesizedType",...arguments)},t.tsTypeOperator=t.tsTypeOperator=function(e){return(0,n.default)("TSTypeOperator",...arguments)},t.tsIndexedAccessType=t.tsIndexedAccessType=function(e,t){return(0,n.default)("TSIndexedAccessType",...arguments)},t.tsMappedType=t.tsMappedType=function(e,t,r){return(0,n.default)("TSMappedType",...arguments)},t.tsLiteralType=t.tsLiteralType=function(e){return(0,n.default)("TSLiteralType",...arguments)},t.tsExpressionWithTypeArguments=t.tsExpressionWithTypeArguments=function(e,t){return(0,n.default)("TSExpressionWithTypeArguments",...arguments)},t.tsInterfaceDeclaration=t.tsInterfaceDeclaration=function(e,t,r,i){return(0,n.default)("TSInterfaceDeclaration",...arguments)},t.tsInterfaceBody=t.tsInterfaceBody=function(e){return(0,n.default)("TSInterfaceBody",...arguments)},t.tsTypeAliasDeclaration=t.tsTypeAliasDeclaration=function(e,t,r){return(0,n.default)("TSTypeAliasDeclaration",...arguments)},t.tsAsExpression=t.tsAsExpression=function(e,t){return(0,n.default)("TSAsExpression",...arguments)},t.tsTypeAssertion=t.tsTypeAssertion=function(e,t){return(0,n.default)("TSTypeAssertion",...arguments)},t.tsEnumDeclaration=t.tsEnumDeclaration=function(e,t){return(0,n.default)("TSEnumDeclaration",...arguments)},t.tsEnumMember=t.tsEnumMember=function(e,t){return(0,n.default)("TSEnumMember",...arguments)},t.tsModuleDeclaration=t.tsModuleDeclaration=function(e,t){return(0,n.default)("TSModuleDeclaration",...arguments)},t.tsModuleBlock=t.tsModuleBlock=function(e){return(0,n.default)("TSModuleBlock",...arguments)},t.tsImportType=t.tsImportType=function(e,t,r){return(0,n.default)("TSImportType",...arguments)},t.tsImportEqualsDeclaration=t.tsImportEqualsDeclaration=function(e,t,r){return(0,n.default)("TSImportEqualsDeclaration",...arguments)},t.tsExternalModuleReference=t.tsExternalModuleReference=function(e){return(0,n.default)("TSExternalModuleReference",...arguments)},t.tsNonNullExpression=t.tsNonNullExpression=function(e){return(0,n.default)("TSNonNullExpression",...arguments)},t.tsExportAssignment=t.tsExportAssignment=function(e){return(0,n.default)("TSExportAssignment",...arguments)},t.tsNamespaceExportDeclaration=t.tsNamespaceExportDeclaration=function(e){return(0,n.default)("TSNamespaceExportDeclaration",...arguments)},t.tsTypeAnnotation=t.tsTypeAnnotation=function(e){return(0,n.default)("TSTypeAnnotation",...arguments)},t.tsTypeParameterInstantiation=t.tsTypeParameterInstantiation=function(e){return(0,n.default)("TSTypeParameterInstantiation",...arguments)},t.tsTypeParameterDeclaration=t.tsTypeParameterDeclaration=function(e,t,r){return(0,n.default)("TSTypeParameterDeclaration",...arguments)},t.tsTypeParameter=t.tsTypeParameter=function(e,t,r){return(0,n.default)("TSTypeParameter",...arguments)},t.numberLiteral=function(...e){return console.trace("The node type NumberLiteral has been renamed to NumericLiteral"),(0,n.default)("NumberLiteral",...e)},t.regexLiteral=function(...e){return console.trace("The node type RegexpLiteral has been renamed to RegExpLiteral"),(0,n.default)("RegexpLiteral",...e)},t.restProperty=function(...e){return console.trace("The node type RestProperty has been renamed to RestElement"),(0,n.default)("RestProperty",...e)},t.spreadProperty=function(...e){return console.trace("The node type SpreadProperty has been renamed to SpreadElement"),(0,n.default)("SpreadProperty",...e)};var n=r(268)},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.ArrayExpression=t.arrayExpression=function(...e){return(0,i.default)("ArrayExpression",...e)},t.AssignmentExpression=t.assignmentExpression=function(...e){return(0,i.default)("AssignmentExpression",...e)},t.BinaryExpression=t.binaryExpression=function(...e){return(0,i.default)("BinaryExpression",...e)},t.InterpreterDirective=t.interpreterDirective=function(...e){return(0,i.default)("InterpreterDirective",...e)},t.Directive=t.directive=function(...e){return(0,i.default)("Directive",...e)},t.DirectiveLiteral=t.directiveLiteral=function(...e){return(0,i.default)("DirectiveLiteral",...e)},t.BlockStatement=t.blockStatement=function(...e){return(0,i.default)("BlockStatement",...e)},t.BreakStatement=t.breakStatement=function(...e){return(0,i.default)("BreakStatement",...e)},t.CallExpression=t.callExpression=function(...e){return(0,i.default)("CallExpression",...e)},t.CatchC

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lause=t.catchClause=function(...e){return(0,i.default)("CatchClause",...e)},t.ConditionalExpression=t.conditionalEx
pression=function(...e){return(0,i.default)("ConditionalExpression",...e)},t.ContinueStatement=t.continueStatement=
function(...e){return(0,i.default)("ContinueStatement",...e)},t.DebuggerStatement=t.debuggerStatement=function(...
e){return(0,i.default)("DebuggerStatement",...e)},t.DoWhileStatement=t.doWhileStatement=function(...e){return(0,i
.default)("DoWhileStatement",...e)},t.EmptyStatement=t.emptyStatement=function(...e){return(0,i.default)("EmptyS
tatement",...e)},t.ExpressionStatement=t.expressionStatement=function(...e){return(0,i.default)("ExpressionState
ment",...e)},t.File=t.file=function(...e){return(0,i.default)("File",...e)},t.ForInStatement=t.forInStatement=functi
on(...e){return(0,i.default)("ForInStatement",...e)},t.ForStatement=t.forStatement=function(...e){return(0,i.defau
lt)("ForStatement",...e)},t.FunctionDeclaration=t.functionDeclaration=function(...e){return(0,i.default)("FunctionDeclaration",...
.e)},t.FunctionExpression=t.functionExpression=function(...e){return(0,i.default)("FunctionExpression",...e)},t.Identifier=t.identifier=function(...e){return(0,i.default)("Identifier",...e)},t.IfStatement=t.ifStatement=function(...e){return
(0,i.default)("IfStatement",...e)},t.LabeledStatement=t.labeledStatement=function(...e){return(0,i.default)("LabeledS
tatement",...e)},t.StringLiteral=t.stringLiteral=function(...e){return(0,i.default)("StringLiteral",...e)},t.NumericLitera
l=t.numericLiteral=function(...e){return(0,i.default)("NumericLiteral",...e)},t.NullLiteral=t.nullLiteral=function(...e)
{return(0,i.default)("NullLiteral",...e)},t.BooleanLiteral=t.booleanLiteral=function(...e){return(0,i.default)("Boolean
Literal",...e)},t.RegExpLiteral=t.regExpLiteral=function(...e){return(0,i.default)("RegExpLiteral",...e)},t.LogicalExp
ression=t.logicalExpression=function(...e){return(0,i.default)("LogicalExpression",...e)},t.MemberExpression=t.me
mberExpression=function(...e){return(0,i.default)("MemberExpression",...e)},t.NewExpression=t.newExpression=functi
on(...e){return(0,i.default)("NewExpression",...e)},t.Program=t.program=function(...e){return(0,i.default)("Progr
am",...e)},t.ObjectExpression=t.objectExpression=function(...e){return(0,i.default)("ObjectExpression",...e)},t.Objec
tMethod=t.objectMethod=function(...e){return(0,i.default)("ObjectMethod",...e)},t.ObjectProperty=t.objectProperty
=function(...e){return(0,i.default)("ObjectProperty",...e)},t.RestElement=t.restElement=function(...e){return(0,i.defa
ult)("RestElement",...e)},t.ReturnStatement=t.returnStatement=function(...e){return(0,i.default)("ReturnStatement",..
.e)},t.SequenceExpression=t.sequenceExpression=function(...e){return(0,i.default)("SequenceExpression",...e)},t.P
arenthesizedExpression=t.parenthesizedExpression=function(...e){return(0,i.default)("ParenthesizedExpression",...e)
},t.SwitchCase=t.switchCase=function(...e){return(0,i.default)("SwitchCase",...e)},t.SwitchStatement=t.switchState
ment=function(...e){return(0,i.default)("SwitchStatement",...e)},t.ThisExpression=t.thisExpression=function(...e){re
turn(0,i.default)("ThisExpression",...e)},t.ThrowStatement=t.throwStatement=function(...e){return(0,i.default)("Thr
owStatement",...e)},t.TryStatement=t.tryStatement=function(...e){return(0,i.default)("TryStatement",...e)},t.UnaryE
xpression=t.unaryExpression=function(...e){return(0,i.default)("UnaryExpression",...e)},t.UpdateExpression=t.updat
eExpression=function(...e){return(0,i.default)("UpdateExpression",...e)},t.VariableDeclaration=t.variableDeclaratio
n=function(...e){return(0,i.default)("VariableDeclaration",...e)},t.VariableDeclarator=t.variableDeclarator=functi
on(...e){return(0,i.default)("VariableDeclarator",...e)},t.WhileStatement=t.whileStatement=function(...e){return(0,i.defa
ult)("WhileStatement",...e)},t.WithStatement=t.withStatement=function(...e){return(0,i.default)("WithStatement",...
e)},t.AssignmentPattern=t.assignmentPattern=function(...e){return(0,i.default)("AssignmentPattern",...e)},t.ArrayPa
ttern=t.arrayPattern=function(...e){return(0,i.default)("ArrayPattern",...e)},t.ArrowFunctionExpression=t.arrowFunc
tionExpression=function(...e){return(0,i.default)("ArrowFunctionExpression",...e)},t.ClassBody=t.classBody=functi
on(...e){return(0,i.default)("ClassBody",...e)},t.ClassExpression=t.classExpression=function(...e){return(0,i.default)
("ClassExpression",...e)},t.ClassDeclaration=t.classDeclaration=function(...e){return(0,i.default)("ClassDeclaration",
...e)},t.ExportAllDeclaration=t.exportAllDeclaration=function(...e){return(0,i.default)("ExportAllDeclaration",...e)},
t.ExportDefaultDeclaration=t.exportDefaultDeclaration=function(...e){return(0,i.default)("ExportDefaultDeclaration",
...e)},t.ExportNamedDeclaration=t.exportNamedDeclaration=function(...e){return(0,i.default)("ExportNamedDecl
aration",...e)},t.ExportSpecifier=t.exportSpecifier=function(...e){return(0,i.default)("ExportSpecifier",...e)},t.ForOfS
tatement=t.forOfStatement=function(...e){return(0,i.default)("ForOfStatement",...e)},t.ImportDeclaration=t.importD
eclaration=function(...e){return(0,i.default)("ImportDeclaration",...e)},t.ImportDefaultSpecifier=t.importDefaultSpe
cifier=function(...e){return(0,i.default)("ImportDefaultSpecifier",...e)},t.ImportNamespaceSpecifier=t.importNames
paceSpecifier=function(...e){return(0,i.default)("ImportNamespaceSpecifier",...e)},t.ImportSpecifier=t.importSpecif
ier=function(...e){return(0,i.default)("ImportSpecifier",...e)},t.MetaProperty=t.metaProperty=function(...e){return(0,

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i.default("MetaProperty",...e)},t.ClassMethod=t.classMethod=function(...e){return(0,i.default)("ClassMethod",...e)}
,t.ObjectPattern=t.objectPattern=function(...e){return(0,i.default)("ObjectPattern",...e)},t.SpreadElement=t.spreadEl
ement=function(...e){return(0,i.default)("SpreadElement",...e)},t.super=t.Super=function(...e){return(0,i.default)("S
uper",...e)},t.TaggedTemplateExpression=t.taggedTemplateExpression=function(...e){return(0,i.default)("TaggedTe
mplateExpression",...e)},t.TemplateElement=t.templateElement=function(...e){return(0,i.default)("TemplateElement
",...e)},t.TemplateLiteral=t.templateLiteral=function(...e){return(0,i.default)("TemplateLiteral",...e)},t.YieldExpressi
on=t.yieldExpression=function(...e){return(0,i.default)("YieldExpression",...e)},t.AwaitExpression=t.awaitExpressi
on=function(...e){return(0,i.default)("AwaitExpression",...e)},t.import=t.Import=function(...e){return(0,i.default)("I
mport",...e)},t.BigIntLiteral=t.bigIntLiteral=function(...e){return(0,i.default)("BigIntLiteral",...e)},t.ExportNamespa
ceSpecifier=t.exportNamespaceSpecifier=function(...e){return(0,i.default)("ExportNamespaceSpecifier",...e)},t.Opti
onalMemberExpression=t.optionalMemberExpression=function(...e){return(0,i.default)("OptionalMemberExpressio
n",...e)},t.OptionalCallExpression=t.optionalCallExpression=function(...e){return(0,i.default)("OptionalCallExpressi
on",...e)},t.AnyTypeAnnotation=t.anyTypeAnnotation=function(...e){return(0,i.default)("AnyTypeAnnotation",...e)
},t.ArrayTypeAnnotation=t.arrayTypeAnnotation=function(...e){return(0,i.default)("ArrayTypeAnnotation",...e)},t.
BooleanTypeAnnotation=t.booleanTypeAnnotation=function(...e){return(0,i.default)("BooleanTypeAnnotation",...e
)},t.BooleanLiteralTypeAnnotation=t.booleanLiteralTypeAnnotation=function(...e){return(0,i.default)("BooleanLite
ralTypeAnnotation",...e)},t.NullLiteralTypeAnnotation=t.nullLiteralTypeAnnotation=function(...e){return(0,i.defaul
t)("NullLiteralTypeAnnotation",...e)},t.ClassImplements=t.classImplements=function(...e){return(0,i.default)("Class
Implements",...e)},t.DeclareClass=t.declareClass=function(...e){return(0,i.default)("DeclareClass",...e)},t.DeclareFu
nction=t.declareFunction=function(...e){return(0,i.default)("DeclareFunction",...e)},t.DeclareInterface=t.declareInter
face=function(...e){return(0,i.default)("DeclareInterface",...e)},t.DeclareModule=t.declareModule=function(...e){ret
urn(0,i.default)("DeclareModule",...e)},t.DeclareModuleExports=t.declareModuleExports=function(...e){return(0,i.d
efault)("DeclareModuleExports",...e)},t.DeclareTypeAlias=t.declareTypeAlias=function(...e){return(0,i.default)("De
clareTypeAlias",...e)},t.DeclareOpaqueType=t.declareOpaqueType=function(...e){return(0,i.default)("DeclareOpaq
ueType",...e)},t.DeclareVariable=t.declareVariable=function(...e){return(0,i.default)("DeclareVariable",...e)},t.Decl
areExportDeclaration=t.declareExportDeclaration=function(...e){return(0,i.default)("DeclareExportDeclaration",...e)
},t.DeclareExportAllDeclaration=t.declareExportAllDeclaration=function(...e){return(0,i.default)("DeclareExportAl
lDeclaration",...e)},t.DeclaredPredicate=t.declaredPredicate=function(...e){return(0,i.default)("DeclaredPredicate",...
e)},t.ExistsTypeAnnotation=t.existsTypeAnnotation=function(...e){return(0,i.default)("ExistsTypeAnnotation",...e)
},t.FunctionTypeAnnotation=t.functionTypeAnnotation=function(...e){return(0,i.default)("FunctionTypeAnnotation",
...e)},t.FunctionTypeParam=t.functionTypeParam=function(...e){return(0,i.default)("FunctionTypeParam",...e)},t.G
enericTypeAnnotation=t.genericTypeAnnotation=function(...e){return(0,i.default)("GenericTypeAnnotation",...e)},t
.InferredPredicate=t.inferredPredicate=function(...e){return(0,i.default)("InferredPredicate",...e)},t.InterfaceExtends
=t.interfaceExtends=function(...e){return(0,i.default)("InterfaceExtends",...e)},t.InterfaceDeclaration=t.interfaceDec
laration=function(...e){return(0,i.default)("InterfaceDeclaration",...e)},t.InterfaceTypeAnnotation=t.interfaceTypeAn
notation=function(...e){return(0,i.default)("InterfaceTypeAnnotation",...e)},t.IntersectionTypeAnnotation=t.intersect
ionTypeAnnotation=function(...e){return(0,i.default)("IntersectionTypeAnnotation",...e)},t.MixedTypeAnnotation=t
.mixedTypeAnnotation=function(...e){return(0,i.default)("MixedTypeAnnotation",...e)},t.EmptyTypeAnnotation=t.e
mptyTypeAnnotation=function(...e){return(0,i.default)("EmptyTypeAnnotation",...e)},t.NullableTypeAnnotation=t.
nullableTypeAnnotation=function(...e){return(0,i.default)("NullableTypeAnnotation",...e)},t.NumberLiteralTypeAn
notation=t.numberLiteralTypeAnnotation=function(...e){return(0,i.default)("NumberLiteralTypeAnnotation",...e)},t.
NumberTypeAnnotation=t.numberTypeAnnotation=function(...e){return(0,i.default)("NumberTypeAnnotation",...e)
},t.ObjectTypeAnnotation=t.objectTypeAnnotation=function(...e){return(0,i.default)("ObjectTypeAnnotation",...e)
},t.ObjectTypeInternalSlot=t.objectTypeInternalSlot=function(...e){return(0,i.default)("ObjectTypeInternalSlot",...e)
},t.ObjectTypeCallProperty=t.objectTypeCallProperty=function(...e){return(0,i.default)("ObjectTypeCallProperty",...
e)},t.ObjectTypeIndexer=t.objectTypeIndexer=function(...e){return(0,i.default)("ObjectTypeIndexer",...e)},t.Object
TypeProperty=t.objectTypeProperty=function(...e){return(0,i.default)("ObjectTypeProperty",...e)},t.ObjectTypeSprea
dProperty=t.objectTypeSpreadProperty=function(...e){return(0,i.default)("ObjectTypeSpreadProperty",...e)},t.Opa

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opaqueType=t.opaqueType=function(...e){return(0,i.default)("OpaqueType",...e)},t.QualifiedTypeIdentifier=t.qualified
TypeIdentifier=function(...e){return(0,i.default)("QualifiedTypeIdentifier",...e)},t.StringLiteralTypeAnnotation=t.str
ingLiteralTypeAnnotation=function(...e){return(0,i.default)("StringLiteralTypeAnnotation",...e)},t.StringTypeAnnot
ation=t.stringTypeAnnotation=function(...e){return(0,i.default)("StringTypeAnnotation",...e)},t.SymbolTypeAnnota
tion=t.symbolTypeAnnotation=function(...e){return(0,i.default)("SymbolTypeAnnotation",...e)},t.ThisTypeAnnotati
on=t.thisTypeAnnotation=function(...e){return(0,i.default)("ThisTypeAnnotation",...e)},t.TupleTypeAnnotation=t.tu
pleTypeAnnotation=function(...e){return(0,i.default)("TupleTypeAnnotation",...e)},t.TypeOfTypeAnnotation=t.type
ofTypeAnnotation=function(...e){return(0,i.default)("TypeofTypeAnnotation",...e)},t.TypeAlias=t.typeAlias=functi
on(...e){return(0,i.default)("TypeAlias",...e)},t.TypeAnnotation=t.typeAnnotation=function(...e){return(0,i.default)("
TypeAnnotation",...e)},t.TypeCastExpression=t.typeCastExpression=function(...e){return(0,i.default)("TypeCastEx
pression",...e)},t.TypeParameter=t.typeParameter=function(...e){return(0,i.default)("TypeParameter",...e)},t.TypePar
ameterDeclaration=t.typeParameterDeclaration=function(...e){return(0,i.default)("TypeParameterDeclaration",...e)},
t.TypeParameterInstantiation=t.typeParameterInstantiation=function(...e){return(0,i.default)("TypeParameterInstanti
ation",...e)},t.UnionTypeAnnotation=t.unionTypeAnnotation=function(...e){return(0,i.default)("UnionTypeAnnotati
on",...e)},t.Variance=t.variance=function(...e){return(0,i.default)("Variance",...e)},t.VoidTypeAnnotation=t.voidTyp
eAnnotation=function(...e){return(0,i.default)("VoidTypeAnnotation",...e)},t.EnumDeclaration=t.enumDeclaration=
function(...e){return(0,i.default)("EnumDeclaration",...e)},t.EnumBooleanBody=t.enumBooleanBody=function(...e)
{return(0,i.default)("EnumBooleanBody",...e)},t.EnumNumberBody=t.enumNumberBody=function(...e){return(0,i.
default)("EnumNumberBody",...e)},t.EnumStringBody=t.enumStringBody=function(...e){return(0,i.default)("Enum
StringBody",...e)},t.EnumSymbolBody=t.enumSymbolBody=function(...e){return(0,i.default)("EnumSymbolBody",
...e)},t.EnumBooleanMember=t.enumBooleanMember=function(...e){return(0,i.default)("EnumBooleanMember",...
e)},t.EnumNumberMember=t.enumNumberMember=function(...e){return(0,i.default)("EnumNumberMember",...e)
},t.EnumStringMember=t.enumStringMember=function(...e){return(0,i.default)("EnumStringMember",...e)},t.Enum
DefaultedMember=t.enumDefaultedMember=function(...e){return(0,i.default)("EnumDefaultedMember",...e)},t.jSX
Attribute=t.JSXAttribute=t.jsxAttribute=function(...e){return(0,i.default)("JSXAttribute",...e)},t.jSXClosingElement
=t.JSXClosingElement=t.jsxClosingElement=function(...e){return(0,i.default)("JSXClosingElement",...e)},t.jSXEle
ment=t.JSXElement=t.jsxElement=function(...e){return(0,i.default)("JSXElement",...e)},t.jSXEmptyExpression=t.J
SXEmptyExpression=t.jsxEmptyExpression=function(...e){return(0,i.default)("JSXEmptyExpression",...e)},t.jSXEx
pressionContainer=t.JSXExpressionContainer=t.jsxExpressionContainer=function(...e){return(0,i.default)("JSXExpr
essionContainer",...e)},t.jSXSpreadChild=t.JSXSpreadChild=t.jsxSpreadChild=function(...e){return(0,i.default)("JS
XSChild",...e)},t.jSXIdentifier=t.JSXIdentifier=t.jsxIdentifier=function(...e){return(0,i.default)("JSXIdentifier"
,...e)},t.jSXMemberExpression=t.JSXMemberExpression=t.jsxMemberExpression=function(...e){return(0,i.default)(
"JSXMemberExpression",...e)},t.jSXNamespacedName=t.JSXNamespacedName=t.jsxNamespacedName=function(
...e){return(0,i.default)("JSXNamespacedName",...e)},t.jSXOpeningElement=t.JSXOpeningElement=t.jsxOpeningE
lement=function(...e){return(0,i.default)("JSXOpeningElement",...e)},t.jSXSpreadAttribute=t.JSXSpreadAttribute=t
.jsxSpreadAttribute=function(...e){return(0,i.default)("JSXSpreadAttribute",...e)},t.jSXText=t.JSXText=t.jsxText=f
unction(...e){return(0,i.default)("JSXText",...e)},t.jSXFragment=t.JSXFragment=t.jsxFragment=function(...e){retu
rn(0,i.default)("JSXFragment",...e)},t.jSXOpeningFragment=t.JSXOpeningFragment=t.jsxOpeningFragment=functio
n(...e){return(0,i.default)("JSXOpeningFragment",...e)},t.jSXClosingFragment=t.JSXClosingFragment=t.jsxClosing
Fragment=function(...e){return(0,i.default)("JSXClosingFragment",...e)},t.Noop=t.noop=function(...e){return(0,i.de
fault)("Noop",...e)},t.Placeholder=t.placeholder=function(...e){return(0,i.default)("Placeholder",...e)},t.V8IntrinsicId
entifier=t.v8IntrinsicIdentifier=function(...e){return(0,i.default)("V8IntrinsicIdentifier",...e)},t.ArgumentPlaceholder
=t.argumentPlaceholder=function(...e){return(0,i.default)("ArgumentPlaceholder",...e)},t.BindExpression=t.bindExp
ression=function(...e){return(0,i.default)("BindExpression",...e)},t.ClassProperty=t.classProperty=function(...e){retu
rn(0,i.default)("ClassProperty",...e)},t.PipelineTopicExpression=t.pipelineTopicExpression=function(...e){return(0,i.
default)("PipelineTopicExpression",...e)},t.PipelineBareFunction=t.pipelineBareFunction=function(...e){return(0,i.d
efault)("PipelineBareFunction",...e)},t.PipelinePrimaryTopicReference=t.pipelinePrimaryTopicReference=function(
...e){return(0,i.default)("PipelinePrimaryTopicReference",...e)},t.ClassPrivateProperty=t.classPrivateProperty=funct

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ion(...e){return(0,i.default)("ClassPrivateProperty",...e)},t.ClassPrivateMethod=t.classPrivateMethod=function(...e){
return(0,i.default)("ClassPrivateMethod",...e)},t.ImportAttribute=t.importAttribute=function(...e){return(0,i.default)(
"ImportAttribute",...e)},t.Decorator=t.decorator=function(...e){return(0,i.default)("Decorator",...e)},t.DoExpression
=t.doExpression=function(...e){return(0,i.default)("DoExpression",...e)},t.ExportDefaultSpecifier=t.exportDefaultSp
ecifier=function(...e){return(0,i.default)("ExportDefaultSpecifier",...e)},t.PrivateName=t.privateName=function(...e)
{return(0,i.default)("PrivateName",...e)},t.RecordExpression=t.recordExpression=function(...e){return(0,i.default)(
"RecordExpression",...e)},t.TupleExpression=t.tupleExpression=function(...e){return(0,i.default)("TupleExpression",
...e)},t.DecimalLiteral=t.decimalLiteral=function(...e){return(0,i.default)("DecimalLiteral",...e)},t.StaticBlock=t.stati
cBlock=function(...e){return(0,i.default)("StaticBlock",...e)},t.tSParameterProperty=t.TSParameterProperty=t.tsPara
meterProperty=function(...e){return(0,i.default)("TSParameterProperty",...e)},t.tSDeclareFunction=t.TSDeclareFunc
tion=t.tsDeclareFunction=function(...e){return(0,i.default)("TSDeclareFunction",...e)},t.tSDeclareMethod=t.TSDecla
reMethod=t.tsDeclareMethod=function(...e){return(0,i.default)("TSDeclareMethod",...e)},t.tSQualifiedName=t.TS
QualifiedName=t.tsQualifiedName=function(...e){return(0,i.default)("TSQualifiedName",...e)},t.tSCallSignatureDe
claration=t.TSCallSignatureDeclaration=t.tsCallSignatureDeclaration=function(...e){return(0,i.default)("TSCallSign
atureDeclaration",...e)},t.tSConstructSignatureDeclaration=t.TSConstructSignatureDeclaration=t.tsConstructSignatu
reDeclaration=function(...e){return(0,i.default)("TSConstructSignatureDeclaration",...e)},t.tSPropertySignature=t.T
SPropertySignature=t.tsPropertySignature=function(...e){return(0,i.default)("TSPropertySignature",...e)},t.tSMethod
Signature=t.TSMethodSignature=t.tsMethodSignature=function(...e){return(0,i.default)("TSMethodSignature",...e)}
,t.tSIndexSignature=t.TSIndexSignature=t.tsIndexSignature=function(...e){return(0,i.default)("TSIndexSignature",...
e)},t.tSAnyKeyword=t.TSAnyKeyword=t.tsAnyKeyword=function(...e){return(0,i.default)("TSAnyKeyword",...e)}
,t.tSBooleanKeyword=t.TSBooleanKeyword=t.tsBooleanKeyword=function(...e){return(0,i.default)("TSBooleanKe
yword",...e)},t.tSBigIntKeyword=t.TSBigIntKeyword=t.tsBigIntKeyword=function(...e){return(0,i.default)("TSBIGI
ntKeyword",...e)},t.tSIntrinsicKeyword=t.TSIntrinsicKeyword=t.tsIntrinsicKeyword=function(...e){return(0,i.defaul
t)("TSIntrinsicKeyword",...e)},t.tSNeverKeyword=t.TSNeverKeyword=t.tsNeverKeyword=function(...e){return(0,i.d
efault)("TSNeverKeyword",...e)},t.tSNullKeyword=t.TSNullKeyword=t.tsNullKeyword=function(...e){return(0,i.d
efault)("TSNullKeyword",...e)},t.tSNumberKeyword=t.TSNumberKeyword=t.tsNumberKeyword=function(...e){ret
urn(0,i.default)("TSNumberKeyword",...e)},t.tSObjectKeyword=t.TSObjectKeyword=t.tsObjectKeyword=function(
...e){return(0,i.default)("TSObjectKeyword",...e)},t.tSStringKeyword=t.TSStringKeyword=t.tsStringKeyword=func
tion(...e){return(0,i.default)("TSStringKeyword",...e)},t.tSSymbolKeyword=t.TSSymbolKeyword=t.tsSymbolKeyw
ord=function(...e){return(0,i.default)("TSSymbolKeyword",...e)},t.tSUndefinedKeyword=t.TSUndefinedKeyword=t
.tsUndefinedKeyword=function(...e){return(0,i.default)("TSUndefinedKeyword",...e)},t.tSUnknownKeyword=t.TS
UnknownKeyword=t.tsUnknownKeyword=function(...e){return(0,i.default)("TSUnknownKeyword",...e)},t.tSVoid
Keyword=t.TSVoidKeyword=t.tsVoidKeyword=function(...e){return(0,i.default)("TSVoidKeyword",...e)},t.tSThis
Type=t.TSThisType=t.tsThisType=function(...e){return(0,i.default)("TSThisType",...e)},t.tSFunctionType=t.TSFun
ctionType=t.tsFunctionType=function(...e){return(0,i.default)("TSFunctionType",...e)},t.tSConstructorType=t.TSCo
nstructorType=t.tsConstructorType=function(...e){return(0,i.default)("TSConstructorType",...e)},t.tSTypeReference
=t.TSTypeReference=t.tsTypeReference=function(...e){return(0,i.default)("TSTypeReference",...e)},t.tSTypePredic
ate=t.TSTypePredicate=t.tsTypePredicate=function(...e){return(0,i.default)("TSTypePredicate",...e)},t.tSTypeQuery
=t.TSTypeQuery=t.tsTypeQuery=function(...e){return(0,i.default)("TSTypeQuery",...e)},t.tSTypeLiteral=t.TSType
Literal=t.tsTypeLiteral=function(...e){return(0,i.default)("TSTypeLiteral",...e)},t.tSArrayType=t.TSArrayType=t.ts
ArrayType=function(...e){return(0,i.default)("TSArrayType",...e)},t.tSTupleType=t.TSTupleType=t.tsTupleType=f
unction(...e){return(0,i.default)("TSTupleType",...e)},t.tSOptionalType=t.TSOptionalType=t.tsOptionalType=func
tion(...e){return(0,i.default)("TSOptionalType",...e)},t.tSRestType=t.TSRestType=t.tsRestType=function(...e){return(
0,i.default)("TSRestType",...e)},t.tSNamedTupleMember=t.TSNamedTupleMember=t.tsNamedTupleMember=func
tion(...e){return(0,i.default)("TSNamedTupleMember",...e)},t.tSUnionType=t.TSUnionType=t.tsUnionType=func
tion(...e){return(0,i.default)("TSUnionType",...e)},t.tSIntersectionType=t.TSIntersectionType=t.tsIntersectionType=f
unction(...e){return(0,i.default)("TSIntersectionType",...e)},t.tSConditionalType=t.TSConditionalType=t.tsConditio
nalType=function(...e){return(0,i.default)("TSConditionalType",...e)},t.tSInferType=t.TSInferType=t.tsInferType=f

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unction(...e){return(0,i.default)("TSInferType",...e)},t.tSParenthesizedType=t.TSParenthesizedType=t.tsParenthesizedType=function(...e){return(0,i.default)("TSParenthesizedType",...e)},t.tSTypeOperator=t.TSTypeOperator=t.tsTypeOperator=function(...e){return(0,i.default)("TSTypeOperator",...e)},t.tSIndexedAccessType=t.TSIndexedAccessType=t.tsIndexedAccessType=function(...e){return(0,i.default)("TSIndexedAccessType",...e)},t.tSMappedType=t.TSMappedType=t.tsMappedType=function(...e){return(0,i.default)("TSMappedType",...e)},t.tSLiteralType=t.TSLiteralType=t.tsLiteralType=function(...e){return(0,i.default)("TSLiteralType",...e)},t.tSExpressionWithTypeArguments=t.TSExpressionWithTypeArguments=t.tsExpressionWithTypeArguments=function(...e){return(0,i.default)("TSExpressionWithTypeArguments",...e)},t.tSInterfaceDeclaration=t.TSInterfaceDeclaration=t.tsInterfaceDeclaration=function(...e){return(0,i.default)("TSInterfaceDeclaration",...e)},t.tSInterfaceBody=t.TSInterfaceBody=t.tsInterfaceBody=function(...e){return(0,i.default)("TSInterfaceBody",...e)},t.tSTypeAliasDeclaration=t.TSTypeAliasDeclaration=t.tsTypeAliasDeclaration=function(...e){return(0,i.default)("TSTypeAliasDeclaration",...e)},t.tSAsExpression=t.TSAsExpression=t.tsAsExpression=function(...e){return(0,i.default)("TSAsExpression",...e)},t.tSTypeAssertion=t.TSTypeAssertion=t.tsTypeAssertion=function(...e){return(0,i.default)("TSTypeAssertion",...e)},t.tSEnumDeclaration=t.TSEnumDeclaration=t.tsEnumDeclaration=function(...e){return(0,i.default)("TSEnumDeclaration",...e)},t.tSEnumMember=t.TSEnumMember=t.tsEnumMember=function(...e){return(0,i.default)("TSEnumMember",...e)},t.tSModuleDeclaration=t.TSModuleDeclaration=t.tsModuleDeclaration=function(...e){return(0,i.default)("TSModuleDeclaration",...e)},t.tSModuleBlock=t.TSModuleBlock=t.tsModuleBlock=function(...e){return(0,i.default)("TSModuleBlock",...e)},t.tSImportType=t.TSImportType=t.tsImportType=function(...e){return(0,i.default)("TSImportType",...e)},t.tSImportEqualsDeclaration=t.TSImportEqualsDeclaration=t.tsImportEqualsDeclaration=function(...e){return(0,i.default)("TSImportEqualsDeclaration",...e)},t.tSExternalModuleReference=t.TSExternalModuleReference=t.tsExternalModuleReference=function(...e){return(0,i.default)("TSExternalModuleReference",...e)},t.tSNonNullExpression=t.TSNonNullExpression=t.tsNonNullExpression=function(...e){return(0,i.default)("TSNonNullExpression",...e)},t.tSExportAssignment=t.TSExportAssignment=t.tsExportAssignment=function(...e){return(0,i.default)("TSExportAssignment",...e)},t.tSNamespaceExportDeclaration=t.TSNamespaceExportDeclaration=t.tsNamespaceExportDeclaration=function(...e){return(0,i.default)("TSNamespaceExportDeclaration",...e)},t.tSTypeAnnotation=t.TSTypeAnnotation=t.tsTypeAnnotation=function(...e){return(0,i.default)("TSTypeAnnotation",...e)},t.tSTypeParameterInstantiation=t.TSTypeParameterInstantiation=t.tsTypeParameterInstantiation=function(...e){return(0,i.default)("TSTypeParameterInstantiation",...e)},t.tSTypeParameterDeclaration=t.TSTypeParameterDeclaration=t.tsTypeParameterDeclaration=function(...e){return(0,i.default)("TSTypeParameterDeclaration",...e)},t.tSTypeParameter=t.TSTypeParameter=t.tsTypeParameter=function(...e){return(0,i.default)("TSTypeParameter",...e)},t.numberLiteral=t.NumberLiteral=function(...e){return console.trace("The node type NumberLiteral has been renamed to NumericLiteral"),(0,i.default)("NumberLiteral",...e)},t.regexLiteral=t.RegexLiteral=function(...e){return console.trace("The node type RegexLiteral has been renamed to RegExpLiteral"),(0,i.default)("RegexLiteral",...e)},t.restProperty=t.RestProperty=function(...e){return console.trace("The node type RestProperty has been renamed to RestElement"),(0,i.default)("RestProperty",...e)},t.spreadProperty=t.SpreadProperty=function(...e){return console.trace("The node type SpreadProperty has been renamed to SpreadElement"),(0,i.default)("SpreadProperty",...e)};var n,i=(n=r(137))&&n.__esModule?n:{default:n}},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),Object.defineProperty(t,"VISITOR_KEYS",{enumerable:!0,get:function(){return s.VISITOR_KEYS}}),Object.defineProperty(t,"ALIAS_KEYS",{enumerable:!0,get:function(){return s.ALIAS_KEYS}}),Object.defineProperty(t,"FLIPPED_ALIAS_KEYS",{enumerable:!0,get:function(){return s.FLIPPED_ALIAS_KEYS}}),Object.defineProperty(t,"NODE_FIELDS",{enumerable:!0,get:function(){return s.NODE_FIELDS}}),Object.defineProperty(t,"BUILDER_KEYS",{enumerable:!0,get:function(){return s.BUILDER_KEYS}}),Object.defineProperty(t,"DEPRECATED_KEYS",{enumerable:!0,get:function(){return s.DEPRECATED_KEYS}}),Object.defineProperty(t,"NODE_PARENT_VALIDATIONS",{enumerable:!0,get:function(){return

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s.NODE_PARENT_VALIDATIONS })),Object.defineProperty(t,"PLACEHOLDERS",{enumerable:!0,get:function
(){return
a.PLACEHOLDERS })),Object.defineProperty(t,"PLACEHOLDERS_ALIAS",{enumerable:!0,get:function(){retur
n
a.PLACEHOLDERS_ALIAS })),Object.defineProperty(t,"PLACEHOLDERS_FLIPPED_ALIAS",{enumerable:!0,
get:function(){return a.PLACEHOLDERS_FLIPPED_ALIAS })),t.TYPES=void 0;var
n,i=(n=r(81))&&n.__esModule?n:{default:n};r(50),r(211),r(212),r(213),r(214),r(215);var
s=r(9),a=r(83);(0,i.default)(s.VISITOR_KEYS),(0,i.default)(s.ALIAS_KEYS),(0,i.default)(s.FLIPPED_ALIAS_KE
YS),(0,i.default)(s.NODE_FIELDS),(0,i.default)(s.BUILDER_KEYS),(0,i.default)(s.DEPRECATED_KEYS),(0,i.d
efault)(a.PLACEHOLDERS_ALIAS),(0,i.default)(a.PLACEHOLDERS_FLIPPED_ALIAS);const
o=Object.keys(s.VISITOR_KEYS).concat(Object.keys(s.FLIPPED_ALIAS_KEYS)).concat(Object.keys(s.DEPRE
CATED_KEYS));t.TYPES=o,function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),Object.defineProperty(t,"VISITOR_KEYS",{enumerable:
!0,get:function(){return
i.VISITOR_KEYS })),Object.defineProperty(t,"ALIAS_KEYS",{enumerable:!0,get:function(){return
i.ALIAS_KEYS })),Object.defineProperty(t,"FLIPPED_ALIAS_KEYS",{enumerable:!0,get:function(){return
i.FLIPPED_ALIAS_KEYS })),Object.defineProperty(t,"NODE_FIELDS",{enumerable:!0,get:function(){return
i.NODE_FIELDS })),Object.defineProperty(t,"BUILDER_KEYS",{enumerable:!0,get:function(){return
i.BUILDER_KEYS })),Object.defineProperty(t,"DEPRECATED_KEYS",{enumerable:!0,get:function(){return
i.DEPRECATED_KEYS })),Object.defineProperty(t,"NODE_PARENT_VALIDATIONS",{enumerable:!0,get:func
tion(){return
i.NODE_PARENT_VALIDATIONS })),Object.defineProperty(t,"PLACEHOLDERS",{enumerable:!0,get:function(
){return
s.PLACEHOLDERS })),Object.defineProperty(t,"PLACEHOLDERS_ALIAS",{enumerable:!0,get:function(){retur
n
s.PLACEHOLDERS_ALIAS })),Object.defineProperty(t,"PLACEHOLDERS_FLIPPED_ALIAS",{enumerable:!0,
get:function(){return s.PLACEHOLDERS_FLIPPED_ALIAS })),t.TYPES=void 0;var
n=r(81);r(55),r(269),r(270),r(271),r(272),r(273);var
i=r(10),s=r(105);n(i.VISITOR_KEYS),n(i.ALIAS_KEYS),n(i.FLIPPED_ALIAS_KEYS),n(i.NODE_FIELDS),n(i.
BUILDER_KEYS),n(i.DEPRECATED_KEYS),n(s.PLACEHOLDERS_ALIAS),n(s.PLACEHOLDERS_FLIPPED
_ALIAS);const
a=Object.keys(i.VISITOR_KEYS).concat(Object.keys(i.FLIPPED_ALIAS_KEYS)).concat(Object.keys(i.DEPREC
ATED_KEYS));t.TYPES=a,function(e,t,r){var n=r(68),i="object"===typeof
self&&self&&self.Object===Object&&self,s=n||i||Function("return this")();e.exports=s},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=t.SHOULD_SKIP=t.SHOULD_STOP=t.REMO
VED=void 0;var
n=P(r(63)),i=x(r(255)),s=x(r(17)),a=x(r(100)),o=P(r(0)),l=r(38),c=x(r(314)),p=P(r(338)),u=P(r(339)),d=P(r(342)),h
=P(r(354)),f=P(r(355)),m=P(r(364)),y=P(r(365)),T=P(r(366)),b=P(r(368)),g=P(r(370)),S=P(r(371));function
x(e){return e&&e.__esModule?e:{default:e}}function E(){if("function"!==typeof WeakMap)return null;var e=new
WeakMap;return E=function(){return e},e}function P(e){if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=E();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get|s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}return
r.default=e,t&&t.set(e,r),r}const
v=(0,i.default)("babel");t.REMOVED=1;t.SHOULD_STOP=2;t.SHOULD_SKIP=4;class
A{constructor(e,t){this.contexts=[],this.state=null,this.opts=null,this._traverseFlags=0,this.skipKeys=null,this.parent
Path=null,this.container=null,this.listKey=null,this.key=null,this.node=null,this.type=null,this.parent=t,this.hub=e,th

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is.data=null,this.context=null,this.scope=null}static
get({hub:e,parentPath:t,parent:r,container:n,listKey:i,key:s}){if(!e&&t&&(e=t.hub),!r)throw new Error("To get a
node path the parent needs to exist");const a=n[s],o=l.path.get(r)||[];let c;l.path.has(r)||l.path.set(r,o);for(let
e=0;e<o.length;e++){const t=o[e];if(t.node===a){c=t;break}}return c||(c=new
A(e,r),o.push(c),c.setup(t,n,i,s),c)getScope(e){return this.isScope()?new a.default(this):e}setData(e,t){return
null===this.data&&(this.data=Object.create(null)),this.data[e]=t}getData(e,t){null===this.data&&(this.data=Object.cr
eate(null));let r=this.data[e];return void 0===r&&void
0!==t&&(r=this.data[e]=t),r}buildCodeFrameError(e,t=SyntaxError){return
this.hub.buildError(this.node,e,t)}traverse(e,t){(0,s.default)(this.node,e,this.scope,t,this)}set(e,t){o.validate(this.node
,e,t),this.node[e]=t}getPathLocation(){const e=[];let t=this;do{let
r=t.key;t.inList&&(r=`${t.listKey}[${r}]`,e.unshift(r))while(t=t.parentPath);return
e.join(".")}debug(e){v.enabled&&v`${this.getPathLocation()} ${this.type}:
${e}`)}toString(){return(0,c.default)(this.node).code}get inList(){return!!this.listKey}set
inList(e){e||(this.listKey=null)}get parentKey(){return this.listKey||this.key}get
shouldSkip(){return!!(4&this._traverseFlags)}set shouldSkip(e){e?this._traverseFlags|=4:this._traverseFlags&=-
5}get shouldStop(){return!!(2&this._traverseFlags)}set
shouldStop(e){e?this._traverseFlags|=2:this._traverseFlags&=-3}get removed(){return!!(1&this._traverseFlags)}set
removed(e){e?this._traverseFlags|=1:this._traverseFlags&=-
2}}t.default=A,Object.assign(A.prototype,p,u,d,h,f,m,y,T,b,g,S);for(const e of o.TYPES){const
t="is"+e,r=o[t];A.prototype[t]=function(e){return
r(this.node,e)},A.prototype["assert"+e]=function(t){if(!r(this.node,t))throw new TypeError("Expected node path of
type "+e)}}for(const e of
Object.keys(n)){if("__"===e[0])continue;o.TYPES.indexOf(e)<0&&o.TYPES.push(e);const
t=n[e];A.prototype["is"+e]=function(e){return t.checkPath(this,e)}}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.validate=f,t.typeIs=m,t.validateType=function(e){return
f(m(e))},t.validateOptional=function(e){return {validate:e,optional:!0}},t.validateOptionalType=function(e){return
validate:m(e),optional:!0}},t.arrayOf=y,t.arrayOfType=T,t.validateArrayOfType=function(e){return
f(T(e))},t.assertEach=b,t.assertOneOf=function(...e){function t(t,r,n){if(e.indexOf(n)<0)throw new
TypeError(`Property ${r} expected value to be one of ${JSON.stringify(e)} but got ${JSON.stringify(n)}`)}return
t.oneOf=e,t},t.assertNodeType=g,t.assertNodeOrValueType=function(...e){function t(t,r,n){for(const a of
e)if(h(n)===a||(0,i.default)(a,n))return void(0,s.validateChild)(t,r,n);throw new TypeError(`Property ${r} of
${t.type} expected node to be of a type ${JSON.stringify(e)} but instead got ${JSON.stringify(null===n?void
0:n.type)`)}}return t.oneOfNodeOrValueTypes=e,t},t.assertValueType=S,t.assertShape=function(e){function
t(t,r,n){const i=[];for(const r of Object.keys(e))try{(0,s.validateField)(t,r,n[r],e[r])}catch(e){if(e instanceof
TypeError){i.push(e.message);continue}throw e}if(i.length)throw new TypeError(`Property ${r} of ${t.type}
expected to have the following:\n${i.join("\n")}`)}return
t.shapeOf=e,t},t.assertOptionalChainStart=function(){return function(e){var t;let
r=e;for(;e;){const{type:e}=r;if("OptionalCallExpression"!==e){if("OptionalMemberExpression"!==e)break;if(r.opti
onal)return;r=r.object}else{if(r.optional)return;r=r.callee}}throw new TypeError(`Non-optional ${e.type} must
chain from an optional OptionalMemberExpression or OptionalCallExpression. Found chain from
${null===t?r:void 0:t.type}`)}}},t.chain=x,t.default=function(e,t={}){const r=t.inherits&&v[t.inherits]||[];let
n=t.fields;if(!n&&(n={},r.fields)){const e=Object.getOwnPropertyNames(r.fields);for(const t of e){const
e=r.fields[t];n[t]={default:e.default,optional:e.optional,validate:e.validate}}}const
i=t.visitor||r.visitor||[],s=t.aliases||r.aliases||[],f=t.builder||r.builder||t.visitor||[];for(const r of Object.keys(t))if(-
1===E.indexOf(r))throw new Error(`Unknown type option "${r}" on
${e}`);t.deprecatedAlias&&(u[t.deprecatedAlias]=e);for(const e of i.concat(f))n[e]=n[e]||{};for(const t of
Object.keys(n)){const r=n[t];void 0!==(r.default&&-1===f.indexOf(t)&&(r.optional=!0),void
0===r.default?r.default=null:r.validate||null===r.default||(r.validate=S(h(r.default))))};for(const n of Object.keys(r))if(-

```



```

1===P.indexOf(n))throw new Error(`Unknown field key "${n}" on
${e}.${t}`)a[e]=t.visitor=i,p[e]=t.builder=f,c[e]=t.fields=n,o[e]=t.aliases=s,s.forEach(t=>{l[t]=l[t]||[],l[t].push(e)}),
t.validate&&(d[e]=t.validate);v[e]=t},t.NODE_PARENT_VALIDATIONS=t.DEPRECATED_KEYS=t.BUILDER
_KEYS=t.NODE_FIELDS=t.FLIPPED_ALIAS_KEYS=t.ALIAS_KEYS=t.VISITOR_KEYS=void 0;var
n,i=(n=r(34))&&n.__esModule?n:{default:n},s=r(52);const a={};t.VISITOR_KEYS=a;const
o={};t.ALIAS_KEYS=o;const l={};t.FLIPPED_ALIAS_KEYS=l;const c={};t.NODE_FIELDS=c;const
p={};t.BUILDER_KEYS=p;const u={};t.DEPRECATED_KEYS=u;const d={};function h(e){return
Array.isArray(e)?"array":null===e?"null":typeof e}function f(e){return{validate:e}}function
m(e){return"string"===typeof e?g(e):g(...e)}function y(e){return x(S("array"),b(e))}function T(e){return
y(m(e))}function b(e){function t(t,r,n){if(Array.isArray(n))for(let i=0;i<n.length;i++){const
a=`${r}[${i}]`,o=n[i];e(t,a,o),process.env.BABEL_TYPES_8_BREAKING&&(0,s.validateChild)(t,a,o)}}return
t.each=e,t}function g(...e){function t(t,r,n){for(const a of e)if((0,i.default)(a,n))return
void(0,s.validateChild)(t,r,n);throw new TypeError(`Property ${r} of ${t.type} expected node to be of a type
${JSON.stringify(e)} but instead got ${JSON.stringify(null===n?void 0:n.type)`)}}return
t.oneOfNodeTypes=e,t}function S(e){function t(t,r,n){if(!(h(n)===e))throw new TypeError(`Property ${r} expected
type of ${e} but got ${h(n)`)}}return t.type=e,t}function x(...e){function t(...t){for(const r of e)r(...t)}return
t.chainOf=e,t},t.NODE_PARENT_VALIDATIONS=d;const
E=["aliases","builder","deprecatedAlias","fields","inherits","visitor","validate"],P=["default","optional","validate"];
const v={},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.validate=h,t.typeIs=f,t.validateType=function(e){return
h(f(e))},t.validateOptional=function(e){return{validate:e,optional:!0}},t.validateOptionalType=function(e){return{v
alidate:f(e),optional:!0}},t.arrayOf=m,t.arrayOfType=y,t.validateArrayOfType=function(e){return
h(y(e))},t.assertEach=T,t.assertOneOf=function(...e){function t(t,r,n){if(e.indexOf(n)<0)throw new
TypeError(`Property ${r} expected value to be one of ${JSON.stringify(e)} but got ${JSON.stringify(n)`)}}return
t.oneOf=e,t},t.assertNodeType=b,t.assertNodeOrValueType=function(...e){function t(t,r,s){for(const a of
e)if(d(s)===a||((0,n.default)(a,s))return void(0,i.validateChild)(t,r,s);throw new TypeError(`Property ${r} of
${t.type} expected node to be of a type ${JSON.stringify(e)} but instead got ${JSON.stringify(null===s?void
0:s.type)`)}}return t.oneOfNodeOrValueTypes=e,t},t.assertValueType=g,t.assertShape=function(e){function
t(t,r,n){const s=[];for(const r of Object.keys(e))try{(0,i.validateField)(t,r,n[r],e[r])}catch(e){if(e instanceof
TypeError){s.push(e.message);continue}throw e}if(s.length)throw new TypeError(`Property ${r} of ${t.type}
expected to have the following:\n${s.join("\n")`)}}return
t.shapeOf=e,t},t.assertOptionalChainStart=function(){return function(e){var t;let
r=e;for(;e;){const{type:e}=r;if("OptionalCallExpression"!==e){if("OptionalMemberExpression"!==e)break;if(r.opti
onal)return;r=r.object}else{if(r.optional)return;r=r.callee}}throw new TypeError(`Non-optional ${e.type} must
chain from an optional OptionalMemberExpression or OptionalCallExpression. Found chain from
${null==(t=r)?void 0:t.type}`)},t.chain=S,t.default=function(e,t={}){const r=t.inherits&&P[t.inherits]||{};let
n=t.fields;if(!n&&(n={},r.fields)){const e=Object.getOwnPropertyNames(r.fields);for(const t of e){const
e=r.fields[t],i=e.default;if(Array.isArray(i)?i.length>0:i&&"object"===typeof i)throw new Error("field defaults can
only be primitives or empty arrays
currently");n[t]={default:Array.isArray(i)?[]:i,optional:e.optional,validate:e.validate}}}const
i=t.visitor||r.visitor||[],h=t.aliases||r.aliases||[],f=t.builder||r.builder||t.visitor||[];for(const r of Object.keys(t))if(-
1===x.indexOf(r))throw new Error(`Unknown type option "${r}" on
${e}`);t.deprecatedAlias&&(p[t.deprecatedAlias]=e);for(const e of i.concat(f))n[e]=n[e]||{};for(const t of
Object.keys(n)){const r=n[t];void 0!==(r.default&&-1===f.indexOf(t)&&(r.optional=!0),void
0===r.default?r.default=null:r.validate||null===r.default||(r.validate=g(d(r.default)));for(const n of Object.keys(r))if(-
1===E.indexOf(n))throw new Error(`Unknown field key "${n}" on
${e}.${t}`)}s[e]=t.visitor=i,c[e]=t.builder=f,l[e]=t.fields=n,a[e]=t.aliases=h,h.forEach(t=>{o[t]=o[t]||[],o[t].push(e)
}),t.validate&&(u[e]=t.validate);P[e]=t},t.NODE_PARENT_VALIDATIONS=t.DEPRECATED_KEYS=t.BUILDE

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R_KEYS=t.NODE_FIELDS=t.FLIPPED_ALIAS_KEYS=t.ALIAS_KEYS=t.VISITOR_KEYS=void 0;var
n=r(36),i=r(57);const s={};t.VISITOR_KEYS=s;const a={};t.ALIAS_KEYS=a;const
o={};t.FLIPPED_ALIAS_KEYS=o;const l={};t.NODE_FIELDS=l;const c={};t.BUILDER_KEYS=c;const
p={};t.DEPRECATED_KEYS=p;const u={};function d(e){return Array.isArray(e)?"array":null===e?"null":typeof
e}function h(e){return{validate:e}}function f(e){return"string"===typeof e?b(e):b(...e)}function m(e){return
S(g("array"),T(e))}function y(e){return m(f(e))}function T(e){function t(t,r,n){if(Array.isArray(n))for(let
s=0;s<n.length;s++){const
a=`${r}[${s}]`,o=n[s];e(t,a,o),process.env.BABEL_TYPES_8_BREAKING&&(0,i.validateChild)(t,a,o)}}return
t.each=e,t}function b(...e){function t(t,r,s){for(const a of e)if(!((0,n.default)(a,s))return
void(0,i.validateChild)(t,r,s);throw new TypeError(`Property ${r} of ${t.type} expected node to be of a type
${JSON.stringify(e)} but instead got ${JSON.stringify(null===s?void 0:s.type)}`)}return
t.oneOfNodeTypes=e,t}function g(e){function t(t,r,n){if(!(d(n)===e))throw new TypeError(`Property ${r} expected
type of ${e} but got ${d(n)}`)}return t.type=e,t}function S(...e){function t(...t){for(const r of
e)r(...t)if(t.chainOf=e,e.length>=2&&"type" in e[0]&&"array"===e[0].type&&!("each" in e[1]))throw new
Error(`An assertValueType("array") validator can only be followed by an assertEach(...) validator.`);return
t}t.NODE_PARENT_VALIDATIONS=u;const
x=["aliases","builder","deprecatedAlias","fields","inherits","visitor","validate"],E=["default","optional","validate"];
const P={},function(e,t,r){var n=r(151),i=r(156);e.exports=function(e,t){var r=i(e,t);return n(r)?r:void
0}},function(e,t){e.exports=function(e){return null!=e&&"object"===typeof e}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.NOT_LOCAL_BINDING=t.BLOCK_SCOPED_SYMB
OL=t.INHERIT_KEYS=t.UNARY_OPERATORS=t.STRING_UNARY_OPERATORS=t.NUMBER_UNARY_O
PERATORS=t.BOOLEAN_UNARY_OPERATORS=t.ASSIGNMENT_OPERATORS=t.BINARY_OPERATORS
=t.NUMBER_BINARY_OPERATORS=t.BOOLEAN_BINARY_OPERATORS=t.COMPARISON_BINARY_OP
ERATORS=t.EQUALITY_BINARY_OPERATORS=t.BOOLEAN_NUMBER_BINARY_OPERATORS=t.UPDA
TE_OPERATORS=t.LOGICAL_OPERATORS=t.COMMENT_KEYS=t.FOR_INIT_KEYS=t.FLATTENABLE_K
EYS=t.STATEMENT_OR_BLOCK_KEYS=void
0;t.STATEMENT_OR_BLOCK_KEYS=["consequent","body","alternate"];t.FLATTENABLE_KEYS=["body","ex
pressions"];t.FOR_INIT_KEYS=["left","init"];t.COMMENT_KEYS=["leadingComments","trailingComments","in
nerComments"];const n=["||","&&","??"];t.LOGICAL_OPERATORS=n;t.UPDATE_OPERATORS=["++","--
"];const i=[">","<",">=","<="];t.BOOLEAN_NUMBER_BINARY_OPERATORS=i;const
s=["==","===","!=","!=="];t.EQUALITY_BINARY_OPERATORS=s;const
a=["...s","in","instanceof"];t.COMPARISON_BINARY_OPERATORS=a;const
o=["...a,...i"];t.BOOLEAN_BINARY_OPERATORS=o;const l=["-
","/","%","*","**","&","|",">>",">>>","<<","^"];t.NUMBER_BINARY_OPERATORS=l;const
c=["+","...l,...o"];t.BINARY_OPERATORS=c;const
p=["=","+=",...l.map(e=>e+"="),...n.map(e=>e+"=")];t.ASSIGNMENT_OPERATORS=p;const
u=["delete","!"];t.BOOLEAN_UNARY_OPERATORS=u;const d=["+","-
","~"];t.NUMBER_UNARY_OPERATORS=d;const h=["typeof"];t.STRING_UNARY_OPERATORS=h;const
f=["void","throw",...u,...d,...h];t.UNARY_OPERATORS=f;t.INHERIT_KEYS={optional:["typeAnnotation","typeP
arameters","returnType"],force:["start","loc","end"]};const m=Symbol.for("var used to be block
scoped");t.BLOCK_SCOPED_SYMBOL=m;const y=Symbol.for("should not be considered a local
binding");t.NOT_LOCAL_BINDING=y},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=o;var n=r(5);const
i=Function.call.bind(Object.prototype.hasOwnProperty);function s(e,t,r){return e&&"string"===typeof
e.type?o(e,t,r):e}function a(e,t,r){return Array.isArray(e)?e.map(e=>s(e,t,r)):s(e,t,r)}function
o(e,t=!0,r=!1){if(!e)return
e;const{type:s}=e,o={type:s};if("Identifier"===s)o.name=e.name,i(e,"optional")&&"boolean"===typeof
e.optional&&(o.optional=e.optional),i(e,"typeAnnotation")&&(o.typeAnnotation=t?a(e.typeAnnotation,!0,r):e.type

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Annotation);else{if(!i(n.NODE_FIELDS,s))throw new Error(`Unknown node type: "${s}"`);for(const c of
Object.keys(n.NODE_FIELDS[s]))i(e,c)&&({o[c]=t?"File"===s&&"comments"===c?l(e.comments,t,r):a(e[c],!0,r):e
[c]})return
i(e,"loc")&&(o.loc=r?null:e.loc),i(e,"leadingComments")&&(o.leadingComments=l(e.leadingComments,t,r)),i(e,"in
nerComments")&&(o.innerComments=l(e.innerComments,t,r)),i(e,"trailingComments")&&(o.trailingComments=l(
e.trailingComments,t,r)),i(e,"extra")&&(o.extra=Object.assign({},e.extra),o)}function l(e,t,r){return
t&&r?function(e){return e.map(({type:e,value:t})=>({type:e,value:t,loc:null}))}(e):e},function(e,t,r){use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.NOT_LOCAL_BINDING=t.BLOCK_SCOPED_SYMB
OL=t.INHERIT_KEYS=t.UNARY_OPERATORS=t.STRING_UNARY_OPERATORS=t.NUMBER_UNARY_O
PERATORS=t.BOOLEAN_UNARY_OPERATORS=t.ASSIGNMENT_OPERATORS=t.BINARY_OPERATORS
=t.NUMBER_BINARY_OPERATORS=t.BOOLEAN_BINARY_OPERATORS=t.COMPARISON_BINARY_OP
ERATORS=t.EQUALITY_BINARY_OPERATORS=t.BOOLEAN_NUMBER_BINARY_OPERATORS=t.UPDA
TE_OPERATORS=t.LOGICAL_OPERATORS=t.COMMENT_KEYS=t.FOR_INIT_KEYS=t.FLATTENABLE_K
EYS=t.STATEMENT_OR_BLOCK_KEYS=void
0;t.STATEMENT_OR_BLOCK_KEYS=["consequent","body","alternate"];t.FLATTENABLE_KEYS=["body","ex
pressions"];t.FOR_INIT_KEYS=["left","init"];t.COMMENT_KEYS=["leadingComments","trailingComments","in
nerComments"];const n=["||","&&","??"];t.LOGICAL_OPERATORS=n;t.UPDATE_OPERATORS=["++","--
"];const i=[">","<",">=","<="];t.BOOLEAN_NUMBER_BINARY_OPERATORS=i;const
s["==","===","!=","!=="];t.EQUALITY_BINARY_OPERATORS=s;const
a["...s","in","instanceof"];t.COMPARISON_BINARY_OPERATORS=a;const
o["...a,...i"];t.BOOLEAN_BINARY_OPERATORS=o;const l["-
","/","%","*","**","&","|",">>",">>>","<<","^"];t.NUMBER_BINARY_OPERATORS=l;const
c["+","...l,...o"];t.BINARY_OPERATORS=c;const
p["=","+=",...l.map(e=>e+"="),...n.map(e=>e+"=")];t.ASSIGNMENT_OPERATORS=p;const
u["delete","!"];t.BOOLEAN_UNARY_OPERATORS=u;const d["+","-
","~"];t.NUMBER_UNARY_OPERATORS=d;const h=["typeof"];t.STRING_UNARY_OPERATORS=h;const
f["void","throw",...u,...d,...h];t.UNARY_OPERATORS=f;t.INHERIT_KEYS={optional:["typeAnnotation","typeP
arameters","returnType"],force:["start","loc","end"]};const m=Symbol.for("var used to be block
scoped");t.BLOCK_SCOPED_SYMBOL=m;const y=Symbol.for("should not be considered a local
binding");t.NOT_LOCAL_BINDING=y},function(e,t,r){use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=l;var n=r(6),i=r(1);const
s=Function.call.bind(Object.prototype.hasOwnProperty);function a(e,t,r){return e&&"string"===typeof
e.type?l(e,t,r):e}function o(e,t,r){return Array.isArray(e)?e.map(e=>a(e,t,r)):a(e,t,r)}function
l(e,t,!0,r=!1){if(!e)return
e;const{type:a}=e,l={type:e.type};if((0,i.isIdentifier)(e))l.name=e.name,s(e,"optional")&&"boolean"===typeof
e.optional&&(l.optional=e.optional),s(e,"typeAnnotation")&&(l.typeAnnotation=t?o(e.typeAnnotation,!0,r):e.typeA
nnotation);else{if(!s(n.NODE_FIELDS,a))throw new Error(`Unknown node type: "${a}"`);for(const p of
Object.keys(n.NODE_FIELDS[a]))s(e,p)&&(l[p]=t?(0,i.isFile)(e)&&"comments"===p?c(e.comments,t,r):o(e[p],!0,
r):e[p])}return
s(e,"loc")&&(l.loc=r?null:e.loc),s(e,"leadingComments")&&(l.leadingComments=c(e.leadingComments,t,r)),s(e,"in
nerComments")&&(l.innerComments=c(e.innerComments,t,r)),s(e,"trailingComments")&&(l.trailingComments=c(
e.trailingComments,t,r)),s(e,"extra")&&(l.extra=Object.assign({},e.extra),l)}function c(e,t,r){return
e&&t?e.map(({type:e,value:t,loc:n})=>r?{type:e,value:t,loc:null}:{type:e,value:t,loc:n}):e},function(e,t,r){use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=h,Object.defineProperty(t,"NodePath",{enumera
ble:!0,get:function(){return o.default}}),Object.defineProperty(t,"Scope",{enumerable:!0,get:function(){return
l.default}}),Object.defineProperty(t,"Hub",{enumerable:!0,get:function(){return c.default}}),t.visitors=void 0;var
n=d(r(132)),i=u(r(372));t.visitors=i;var s=u(r(0)),a=u(r(38)),o=d(r(8)),l=d(r(100)),c=d(r(373));function
p(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return p=function(){return e},e}function

```

```

u(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var
t=p();if(t&&t.has(e))return t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i
in e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}return
r.default=e,t&&t.set(e,r,r)function d(e){return e&&e.__esModule?e:{default:e}}function
h(e,t,r,n,a){if(e){if(t||(t={}),!t.noScope&&!r&&"Program"!==e.type&&"File"!==e.type)throw new Error("You must
pass a scope and parentPath unless traversing a Program/File. Instead of that you tried to traverse a ${e.type} node
without passing scope and parentPath.`);s.VISITOR_KEYS[e.type]&&(i.explode(t),h.node(e,t,r,n,a))}}function
f(e,t){e.node.type===t.type&&(t.has=!0,e.stop())}h.visitors=i,h.verify=i.verify,h.explode=i.explode,h.cheap=functio
n(e,t){return s.traverseFast(e,t),h.node=function(e,t,r,i,a,o){const l=s.VISITOR_KEYS[e.type];if(!l)return;const
c=new n.default(r,t,i,a);for(const t of
l)if(!o||o[t])&&c.visit(e,t)return},h.clearNode=function(e,t){s.removeProperties(e,t),a.path.delete(e)},h.removePro
perties=function(e,t){return s.traverseFast(e,h.clearNode,t),e},h.hasType=function(e,t,r){if(null==r?void
0:r.includes(e.type))return!1;if(e.type===t)return!0;const n={has:!1,type:t};return
h(e,{noScope:!0,denylist:r,enter:f},null,n),n.has},h.cache=a},function(e,t,r){var
n=r(41),i=r(152),s=r(153),a=n?n.toStringTag:void 0;e.exports=function(e){return null===e?void 0===e?"[object
Undefined]":"[object Null]":a&&a in Object(e)?i(e):s(e)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),Object.defineProperty(t,"isIdentifierName",{enumerable:!
0,get:function(){return
n.isIdentifierName}}),Object.defineProperty(t,"isIdentifierChar",{enumerable:!0,get:function(){return
n.isIdentifierChar}}),Object.defineProperty(t,"isIdentifierStart",{enumerable:!0,get:function(){return
n.isIdentifierStart}}),Object.defineProperty(t,"isReservedWord",{enumerable:!0,get:function(){return
i.isReservedWord}}),Object.defineProperty(t,"isStrictBindOnlyReservedWord",{enumerable:!0,get:function(){retur
n
i.isStrictBindOnlyReservedWord}}),Object.defineProperty(t,"isStrictBindReservedWord",{enumerable:!0,get:functi
on(){return
i.isStrictBindReservedWord}}),Object.defineProperty(t,"isStrictReservedWord",{enumerable:!0,get:function(){retu
rn i.isStrictReservedWord}}),Object.defineProperty(t,"isKeyword",{enumerable:!0,get:function(){return
i.isKeyword}});var n=r(209),i=r(210)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0});var
n={react:!0,assertNode:!0,createTypeAnnotationBasedOnTypeof:!0,createUnionTypeAnnotation:!0,createFlowUnio
nType:!0,createTSUnionType:!0,cloneNode:!0,clone:!0,cloneDeep:!0,cloneDeepWithoutLoc:!0,cloneWithoutLoc:!
0,addComment:!0,addComments:!0,inheritInnerComments:!0,inheritLeadingComments:!0,inheritsComments:!0,inh
eritTrailingComments:!0,removeComments:!0,ensureBlock:!0,toBindingIdentifierName:!0,toBlock:!0,toComputed
Key:!0,toExpression:!0,toIdentifier:!0,toKeyAlias:!0,toSequenceExpression:!0,toStatement:!0,valueToNode:!0,appe
ndToMemberExpression:!0,inherits:!0,prependToMemberExpression:!0,removeProperties:!0,removePropertiesDeep
:!0,removeTypeDuplicates:!0,getBindingIdentifiers:!0,getOuterBindingIdentifiers:!0,traverse:!0,traverseFast:!0,shall
owEqual:!0,is:!0,isBinding:!0,isBlockScoped:!0,isImmutable:!0,isLet:!0,isNode:!0,isNodesEquivalent:!0,isPlacehol
derType:!0,isReferenced:!0,isScope:!0,isSpecifierDefault:!0,isType:!0,isValidES3Identifier:!0,isValidIdentifier:!0,is
Var:!0,matchesPattern:!0,validate:!0,buildMatchMemberExpression:!0};Object.defineProperty(t,"assertNode",{enu
merable:!0,get:function(){return
o.default}}),Object.defineProperty(t,"createTypeAnnotationBasedOnTypeof",{enumerable:!0,get:function(){return
c.default}}),Object.defineProperty(t,"createUnionTypeAnnotation",{enumerable:!0,get:function(){return
p.default}}),Object.defineProperty(t,"createFlowUnionType",{enumerable:!0,get:function(){return
p.default}}),Object.defineProperty(t,"createTSUnionType",{enumerable:!0,get:function(){return
u.default}}),Object.defineProperty(t,"cloneNode",{enumerable:!0,get:function(){return
f.default}}),Object.defineProperty(t,"clone",{enumerable:!0,get:function(){return
m.default}}),Object.defineProperty(t,"cloneDeep",{enumerable:!0,get:function(){return

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y.default})),Object.defineProperty(t,"cloneDeepWithoutLoc",{enumerable:!0,get:function(){return
T.default}}),Object.defineProperty(t,"cloneWithoutLoc",{enumerable:!0,get:function(){return
b.default}}),Object.defineProperty(t,"addComment",{enumerable:!0,get:function(){return
g.default}}),Object.defineProperty(t,"addComments",{enumerable:!0,get:function(){return
S.default}}),Object.defineProperty(t,"inheritInnerComments",{enumerable:!0,get:function(){return
x.default}}),Object.defineProperty(t,"inheritLeadingComments",{enumerable:!0,get:function(){return
E.default}}),Object.defineProperty(t,"inheritsComments",{enumerable:!0,get:function(){return
P.default}}),Object.defineProperty(t,"inheritTrailingComments",{enumerable:!0,get:function(){return
v.default}}),Object.defineProperty(t,"removeComments",{enumerable:!0,get:function(){return
A.default}}),Object.defineProperty(t,"ensureBlock",{enumerable:!0,get:function(){return
I.default}}),Object.defineProperty(t,"toBindingIdentifierName",{enumerable:!0,get:function(){return
C.default}}),Object.defineProperty(t,"toBlock",{enumerable:!0,get:function(){return
N.default}}),Object.defineProperty(t,"toComputedKey",{enumerable:!0,get:function(){return
k.default}}),Object.defineProperty(t,"toExpression",{enumerable:!0,get:function(){return
D.default}}),Object.defineProperty(t,"toIdentifier",{enumerable:!0,get:function(){return
_.default}}),Object.defineProperty(t,"toKeyAlias",{enumerable:!0,get:function(){return
L.default}}),Object.defineProperty(t,"toSequenceExpression",{enumerable:!0,get:function(){return
M.default}}),Object.defineProperty(t,"toStatement",{enumerable:!0,get:function(){return
j.default}}),Object.defineProperty(t,"valueToNode",{enumerable:!0,get:function(){return
F.default}}),Object.defineProperty(t,"appendToMemberExpression",{enumerable:!0,get:function(){return
B.default}}),Object.defineProperty(t,"inherits",{enumerable:!0,get:function(){return
U.default}}),Object.defineProperty(t,"prependToMemberExpression",{enumerable:!0,get:function(){return
V.default}}),Object.defineProperty(t,"removeProperties",{enumerable:!0,get:function(){return
K.default}}),Object.defineProperty(t,"removePropertiesDeep",{enumerable:!0,get:function(){return
q.default}}),Object.defineProperty(t,"removeTypeDuplicates",{enumerable:!0,get:function(){return
Y.default}}),Object.defineProperty(t,"getBindingIdentifiers",{enumerable:!0,get:function(){return
W.default}}),Object.defineProperty(t,"getOuterBindingIdentifiers",{enumerable:!0,get:function(){return
X.default}}),Object.defineProperty(t,"traverse",{enumerable:!0,get:function(){return
J.default}}),Object.defineProperty(t,"traverseFast",{enumerable:!0,get:function(){return
H.default}}),Object.defineProperty(t,"shallowEqual",{enumerable:!0,get:function(){return
G.default}}),Object.defineProperty(t,"is",{enumerable:!0,get:function(){return
z.default}}),Object.defineProperty(t,"isBinding",{enumerable:!0,get:function(){return
$.default}}),Object.defineProperty(t,"isBlockScoped",{enumerable:!0,get:function(){return
Q.default}}),Object.defineProperty(t,"isImmutable",{enumerable:!0,get:function(){return
Z.default}}),Object.defineProperty(t,"isLet",{enumerable:!0,get:function(){return
ee.default}}),Object.defineProperty(t,"isNode",{enumerable:!0,get:function(){return
te.default}}),Object.defineProperty(t,"isNodesEquivalent",{enumerable:!0,get:function(){return
re.default}}),Object.defineProperty(t,"isPlaceholderType",{enumerable:!0,get:function(){return
ne.default}}),Object.defineProperty(t,"isReferenced",{enumerable:!0,get:function(){return
ie.default}}),Object.defineProperty(t,"isScope",{enumerable:!0,get:function(){return
se.default}}),Object.defineProperty(t,"isSpecifierDefault",{enumerable:!0,get:function(){return
ae.default}}),Object.defineProperty(t,"isType",{enumerable:!0,get:function(){return
oe.default}}),Object.defineProperty(t,"isValidES3Identifier",{enumerable:!0,get:function(){return
le.default}}),Object.defineProperty(t,"isValidIdentifier",{enumerable:!0,get:function(){return
ce.default}}),Object.defineProperty(t,"isVar",{enumerable:!0,get:function(){return
pe.default}}),Object.defineProperty(t,"matchesPattern",{enumerable:!0,get:function(){return
ue.default}}),Object.defineProperty(t,"validate",{enumerable:!0,get:function(){return
de.default}}),Object.defineProperty(t,"buildMatchMemberExpression",{enumerable:!0,get:function(){return

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he.default }},t.react=void 0;var
i=r(264),s=r(265),a=r(266),o=r(274),l=r(275);Object.keys(l).forEach((function(e){"default"!==e&&"__esModule"!
==e&&(Object.prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]==l[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return l[e]}})}));var
c=r(276),p=r(277),u=r(278),d=r(3);Object.keys(d).forEach((function(e){"default"!==e&&"__esModule"!==e&&(O
bject.prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]==d[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return d[e]}})}));var
h=r(280);Object.keys(h).forEach((function(e){"default"!==e&&"__esModule"!==e&&(Object.prototype.hasOwnPr
operty.call(n,e))|e in t&&t[e]==h[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return h[e]}})}));var
f=r(16),m=r(281),y=r(282),T=r(283),b=r(284),g=r(285),S=r(108),x=r(109),E=r(110),P=r(111),v=r(112),A=r(286),w
=r(287);Object.keys(w).forEach((function(e){"default"!==e&&"__esModule"!==e&&(Object.prototype.hasOwnPr
operty.call(n,e))|e in t&&t[e]==w[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return w[e]}})}));var
O=r(15);Object.keys(O).forEach((function(e){"default"!==e&&"__esModule"!==e&&(Object.prototype.hasOwnPr
operty.call(n,e))|e in t&&t[e]==O[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return
O[e]}})}));var
I=r(288),C=r(289),N=r(113),k=r(290),D=r(291),_=r(114),L=r(292),M=r(293),j=r(295),F=r(296),R=r(6);Object.keys
(R).forEach((function(e){"default"!==e&&"__esModule"!==e&&(Object.prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]==R[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return R[e]}})}));var
B=r(297),U=r(298),V=r(299),K=r(117),q=r(115),Y=r(107),W=r(37),X=r(300),J=r(301);Object.keys(J).forEach((fun
ction(e){"default"!==e&&"__esModule"!==e&&(Object.prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]==J[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return J[e]}})}));var
H=r(116),G=r(54),z=r(36),$_r(302),Q=r(303),Z=r(304),ee=r(118),te=r(106),re=r(305),ne=r(104),ie=r(306),se=r(307
),ae=r(308),oe=r(56),le=r(309),ce=r(24),pe=r(310),ue=r(103),de=r(57),he=r(102),fe=r(1);Object.keys(fe).forEach((f
unction(e){"default"!==e&&"__esModule"!==e&&(Object.prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]==fe[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return fe[e]}})}));var
me=r(311);Object.keys(me).forEach((function(e){"default"!==e&&"__esModule"!==e&&(Object.prototype.hasOw
nProperty.call(n,e))|e in t&&t[e]==me[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return
me[e]}})}));const
ye={isReactComponent:i.default,isCompatTag:s.default,buildChildren:a.default};t.react=ye,function(e,t){t.getArg
=function(e,t,r){if(t in e)return e[t];if(3===arguments.length)return r;throw new Error("'+t+' is a required
argument.");var r=/(?:(\w+|-|.)+)?\^\/(?:(\w+|\w+@)?([\w.-]*)(?:(\d+)?(\.)*$)/,n=/^data:.+,\.$/;function i(e){var
t=e.match(r);return t?{scheme:t[1],auth:t[2],host:t[3],port:t[4],path:t[5]}:null}function s(e){var t="";return
e.scheme&&(t+=e.scheme+":"),t+="/",e.auth&&(t+=e.auth+"@"),e.host&&(t+=e.host),e.port&&(t+=":"+e.port),e.
path&&(t+=e.path),t.t.urlParse=i,t.urlGenerate=s;var a,o,l=(a=function(e){var r=e,n=i(e);if(n){if(!n.path)return
e;r=n.path}for(var a=t.isAbsolute(r),o=[],l=0,c=0;){if(l=c,-
l===c=r.indexOf("/",l)){o.push(r.slice(l));break}for(o.push(r.slice(l,c));c<r.length&&"/"===r[c];)c++;}var
p,u=0;for(c=o.length-1;c>=0;c--
)"/"===p?o.splice(c,1):"/"===p?u++:u>0&&("/"===p?(o.splice(c+1,u),u=0):(o.splice(c,2),u--
));return"/"===r?o.join("/")&&(r=a?"":"."),n?(n.path=r,s(n)):r,o=[],function(e){for(var
t=0;t<o.length;t++)if(o[t].input===e){var r=o[0];return o[0]=o[t],o[t]=r,o[0].result}var n=a(e);return
o.unshift({input:e,result:n}),o.length>32&&o.pop(),n);function c(e,t){"/"===e&&(e="."),"/"===t&&(t=".");var
r=i(t),a=i(e);if(a&&(e=a.path||"/"),r&&!r.scheme)return a&&(r.scheme=a.scheme),s(r);if(r||t.match(n))return
t;if(a&&!a.host&&!a.path)return a.host=t,s(a);var o="/"===t.charAt(0)?t:(e.replace(/\$/,"")+"/"+t);return
a?(a.path=o,s(a)):o.t.normalize=l,t.join=c,t.isAbsolute=function(e){return"/"===e.charAt(0)||r.test(e)},t.relative=function(e,t){"/"===e&&(e="."),e=e.replace(/\$/,"");for(var r=0;0!==t.indexOf(e+"/");){var
n=e.lastIndexOf("/");if(n<0)return t;if((e=e.slice(0,n)).match(/^(^|+|\+)?\v*$/))return t;+r}return
Array(r+1).join("../")+t.substr(e.length+1)};var p!(__proto__ in Object.create(null));function u(e){return
e}function d(e){if(!e)return!1;var t=e.length;if(t<9)return!1;if(95!==e.charCodeAt(t-1)||95!==e.charCodeAt(t-

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2)||111!===e.charCodeAtAt(t-3)||116!===e.charCodeAtAt(t-4)||111!===e.charCodeAtAt(t-5)||114!===e.charCodeAtAt(t-
6)||112!===e.charCodeAtAt(t-7)||95!===e.charCodeAtAt(t-8)||95!===e.charCodeAtAt(t-9))return!1;for(var r=t-10;r>=0;r--
)if(36!===e.charCodeAtAt(r))return!1;return!0}function h(e,t){return e===t?0:null===e?1:null===t?-1:e>t?1:-
1}t.toSetString=p?u:function(e){return d(e)?"$"+e:e},t.fromSetString=p?u:function(e){return
d(e)?e.slice(1):e},t.compareByOriginalPositions=function(e,t,r){var n=h(e.source,t.source);return
0!==(n-e.originalLine-t.originalLine)||0!==(n-e.originalColumn-
t.originalColumn)||r||0!==(n-e.generatedColumn-t.generatedColumn)||0!==(n-e.generatedLine-
t.generatedLine)?n:h(e.name,t.name)},t.compareByOriginalPositionsNoSource=function(e,t,r){var n;return
0!==(n-e.originalLine-t.originalLine)||0!==(n-e.originalColumn-t.originalColumn)||r||0!==(n-e.generatedColumn-
t.generatedColumn)||0!==(n-e.generatedLine-
t.generatedLine)?n:h(e.name,t.name)},t.compareByGeneratedPositionsDeflated=function(e,t,r){var
n=e.generatedLine-t.generatedLine;return 0!==(n-e.generatedColumn-
t.generatedColumn)||r||0!==(n=h(e.source,t.source))||0!==(n-e.originalLine-
t.originalLine)||0!==(n-e.originalColumn-
t.originalColumn)?n:h(e.name,t.name)},t.compareByGeneratedPositionsDeflatedNoLine=function(e,t,r){var
n=e.generatedColumn-t.generatedColumn;return 0!==(n-e.originalLine-
t.originalLine)||0!==(n-e.originalColumn-
t.originalColumn)?n:h(e.name,t.name)},t.compareByGeneratedPositionsInflated=function(e,t,r){var
r=e.generatedLine-t.generatedLine;return 0!==(r-e.generatedColumn-
t.generatedColumn)||0!==(r=h(e.source,t.source))||0!==(r-e.originalLine-t.originalLine)||0!==(r-e.originalColumn-
t.originalColumn)?r:h(e.name,t.name)},t.parseSourceMapInput=function(e){return
JSON.parse(e.replace(/\\)/g)[^\\n]*\\n,")}t.computeSourceURL=function(e,t,r){if(t=t||""e&&(/^!===e.length-
1)&&e["!"]===t[0]&&(e+=""/),t=e+t,r){var n=i(r);if(!n)throw new Error("sourceMapURL could not be
parsed");if(n.path){var a=n.path.lastIndexOf("/");a>=0&&(n.path=n.path.substring(0,a+1))}t=c(s(n),t)}return
l(t)},function(e,t){e.exports=function(e){var t=typeof e;return
null!=e&&("object"===t||"function"===t)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t=!0){if("string"!==typeof
e)return!1;if(t){if((0,n.isKeyword)(e)||((0,n.isStrictReservedWord)(e)))return!1;if("await"===e)return!1}return(0,n.isI
dentifierName)(e)};var n=r(19)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t=!0){if("string"!==typeof
e)return!1;if(t&&((0,n.isKeyword)(e)||((0,n.isStrictReservedWord)(e,!0)))return!1;return(0,n.isIdentifierName)(e)};v
ar n=r(19)},function(e,t){t.getArg=function(e,t,r){if(t in e)return e[t];if(3===arguments.length)return r;throw new
Error(""+t+" is a required argument.");var r=/^(?:([\w+-
.]+):)?\/(?:([\w+:\w+@])?([\w.]*)?(?:((d+))?(S*$),n=/^data:.+\.+$/;function i(e){var t=e.match(r);return
t?[scheme:t[1],auth:t[2],host:t[3],port:t[4],path:t[5]]:null}function s(e){var t="";return
e.scheme&&(t+=e.scheme+":"),t+=""/,e.auth&&(t+=e.auth+"@"),e.host&&(t+=e.host),e.port&&(t+=":"+e.port),e.
path&&(t+=e.path),t}function a(e){var r=e,n=i(e);if(!n.path)return e;r=n.path}for(var
a,o=t.isAbsolute(r),l=r.split(/\/+/),c=0,p=l.length-1;p>=0;p--
)l[""]=(a=l[p])?l.splice(p,1):".."===a?c++:c>0&&(""]===a?(l.splice(p+1,c),c=0):(l.splice(p,2),c--
));return""===r?l.join("/")&&(r=o?"":"."),n?(n.path=r,s(n)):r}t.urlParse=i,t.urlGenerate=s,t.normalize=a,t.join=fu
nction(e,t){""===e&&(e="."),""===t&&(t="");var r=i(t),o=i(e);if(o&&(e.o.path||"/"),r&&!r.scheme)return
o&&(r.scheme=o.scheme),s(r);if(r||t.match(n))return t;if(o&&!o.host&&!o.path)return o.host=t,s(o);var
l=""]===t.charAt(0)?t:a(e.replace(/\/+$/, "")+""/+t);return
o?(o.path=l,s(o)):l},t.isAbsolute=function(e){return"/"]===e.charAt(0)||!e.match(r)},t.relative=function(e,t){""===e
&&(e="."),e=e.replace(/\/$/, "");for(var r=0;0!==(t.indexOf(e+"/"));){var n=e.lastIndexOf("/");if(n<0)return
t;if((e=e.slice(0,n)).match(/^[^\/]+:\.\/)?/*$/)return t;+r}return Array(r+1).join("../")+t.substr(e.length+1)};var
o!={"__proto__" in Object.create(null)};function l(e){return e}function c(e){if(!e)return!1;var
t=e.length;if(t<9)return!1;if(95!===e.charCodeAt(t-1)||95!===e.charCodeAt(t-2)||111!===e.charCodeAt(t-

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3)||116!==(e.charCodeAt(t-4)||111!==(e.charCodeAt(t-5)||114!==(e.charCodeAt(t-6)||112!==(e.charCodeAt(t-
7)||95!==(e.charCodeAt(t-8)||95!==(e.charCodeAt(t-9)))return!1;for(var r=t-10;r>=0;r--
)if(36!==(e.charCodeAt(r))return!1;return!0}function p(e,t){return e===t?0:e>t?1:-
1}.toSetString=o?!:function(e){return c(e)?"$"+e},t.fromSetString=o?!:function(e){return
c(e)?e.slice(1):e},t.compareByOriginalPositions=function(e,t,r){var n=e.source-t.source;return
0!==(n||0!==(n=e.originalLine-t.originalLine)||0!==(n=e.originalColumn-
t.originalColumn)||r||0!==(n=e.generatedColumn-t.generatedColumn)||0!==(n=e.generatedLine-
t.generatedLine)?n:e.name-t.name},t.compareByGeneratedPositionsDeflated=function(e,t,r){var n=e.generatedLine-
t.generatedLine;return 0!==(n||0!==(n=e.generatedColumn-t.generatedColumn)||r||0!==(n=e.source-
t.source)||0!==(n=e.originalLine-t.originalLine)||0!==(n=e.originalColumn-t.originalColumn)?n:e.name-
t.name},t.compareByGeneratedPositionsInflated=function(e,t){var r=e.generatedLine-t.generatedLine;return
0!==(r||0!==(r=e.generatedColumn-t.generatedColumn)||0!==(r=p(e.source,t.source)||0!==(r=e.originalLine-
t.originalLine)||0!==(r=e.originalColumn-t.originalColumn)?r:p(e.name,t.name)}},function(e,t,r){var
n=r(141),i=r(142),s=r(143),a=r(144),o=r(145);function l(e){var t=
1,r=null==e?0:e.length;for(this.clear();++t<r;){var
n=e[t];this.set(n[0],n[1])}}l.prototype.clear=n,l.prototype.delete=i,l.prototype.get=s,l.prototype.has=a,l.prototype.set
=o,e.exports=l},function(e,t,r){var n=r(66);e.exports=function(e,t){for(var r=e.length;r--;)if(n(e[r][0],t))return
r;return-1}},function(e,t,r){var n=r(11)(Object,"create");e.exports=n},function(e,t,r){var
n=r(166);e.exports=function(e,t){var r=e.__data__;return n(t)?r["string"]===typeof
t?"string":"hash":r.map}},function(e,t,r){var n=r(70),i=r(71);e.exports=function(e,t,r,s){var a=!r;||r={};for(var
o=-1,l=t.length;++o<l;){var c=t[o],p=s?s(r[c],e[c],c,r,e):void 0;void 0===p&&(p=e[c]),a?!i(r,c,p):n(r,c,p)}return
r}},function(e,t){e.exports=function(e){return
e.webpackPolyfill||(e.deprecate=function(){},e.paths=[],e.children||(e.children=[]),Object.defineProperty(e,"loaded",
{enumerable:!0,get:function(){return e.l}}),Object.defineProperty(e,"id",{enumerable:!0,get:function(){return
e.i}}),e.webpackPolyfill=1),e}},function(e,t){e.exports=function(e){return function(t){return
e(t)}}},function(e,t,r){(function(e){var n=r(68),i=t&&!t.nodeType&&t.s=i&&"object"===typeof
e&&e&&!e.nodeType&&e.a=s&&s.exports===i&&n.process,o=function(){try{var
e=s&&s.require&&s.require("util").types;return
e||a&&a.binding&&a.binding("util")}catch(e){}});e.exports=o}).call(this,r(31)(e)),function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){if(!t)return!1;if(!t,i.default)(t.type
e,e))return!r&&"Placeholder"===t.type&&e in
a.FLIPPED_ALIAS_KEYS&&(0,s.default)(t.expectedNode,e);return void 0===r||(0,n.default)(t,r);var
n=o(r(39)),i=o(r(51)),s=o(r(82)),a=r(5);function o(e){return e&&e.__esModule?e:{default:e}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=i;var n=r(2);function i(e,t,r){let
s=[],concat(e);const a=Object.create(null);for(;s.length;){const e=s.shift();if(!e)continue;const
o=i.keys[e.type];if(!o,n.isIdentifier)(e))if(t){(a[e.name]=a[e.name]||[]).push(e)}else a[e.name]=e;else
if(!o,n.isExportDeclaration)(e)(0,n.isDeclaration)(e.declaration)&&s.push(e.declaration);else if(r){if(!o,n.isFunction
Declaration)(e){s.push(e.id);continue}if(!o,n.isFunctionExpression)(e))continue}if(o)for(let
t=0;t<o.length;t++){const r=o[t];e[r]&&(s=s.concat(e[r]))}}return
a}i.keys={DeclareClass:["id"],DeclareFunction:["id"],DeclareModule:["id"],DeclareVariable:["id"],DeclareInterfac
e:["id"],DeclareTypeAlias:["id"],DeclareOpaqueType:["id"],InterfaceDeclaration:["id"],TypeAlias:["id"],OpaqueTy
pe:["id"],CatchClause:["param"],LabeledStatement:["label"],UnaryExpression:["argument"],AssignmentExpression:
["left"],ImportSpecifier:["local"],ImportNamespaceSpecifier:["local"],ImportDefaultSpecifier:["local"],ImportDecla
ration:["specifiers"],ExportSpecifier:["exported"],ExportNamespaceSpecifier:["exported"],ExportDefaultSpecifier:[
"exported"],FunctionDeclaration:["id","params"],FunctionExpression:["id","params"],ArrowFunctionExpression:["p
arams"],ObjectMethod:["params"],ClassMethod:["params"],ForInStatement:["left"],ForOfStatement:["left"],ClassD
eclaration:["id"],ClassExpression:["id"],RestElement:["argument"],UpdateExpression:["argument"],ObjectProperty:
["value"],AssignmentPattern:["left"],ArrayPattern:["elements"],ObjectPattern:["properties"],VariableDeclaration:["d

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eclarations"],VariableDeclarator:["id"]}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){if(!t)return!1;if(!0,i.default)(t.typ
e,e)return!r&&"Placeholder"===t.type&&e in
a.FLIPPED_ALIAS_KEYS&&(0,s.default)(t.expectedNode,e);return void 0===r||(0,n.default)(t,r)};var
n=r(54),i=r(56),s=r(104),a=r(6)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=i;var n=r(1);function i(e,t,r){let
s=i.concat(e);const a=Object.create(null);for(;s.length;){const e=s.shift();if(!e)continue;const
o=i.keys[e.type];if((0,n.isIdentifier)(e))if(t){(a[e.name]=a[e.name]||[]).push(e)}else a[e.name]=e;else
if(!(0,n.isExportDeclaration)(e)||(0,n.isExportAllDeclaration)(e)){if(r){if((0,n.isFunctionDeclaration)(e)){s.push(e.id
);continue}if((0,n.isFunctionExpression)(e))continue}if(o)for(let t=0;t<o.length;t++){const
r=o[t];e[r]&&(s=s.concat(e[r]))}else(0,n.isDeclaration)(e.declaration)&&s.push(e.declaration)}return
a}i.keys={DeclareClass:["id"],DeclareFunction:["id"],DeclareModule:["id"],DeclareVariable:["id"],DeclareInterfac
e:["id"],DeclareTypeAlias:["id"],DeclareOpaqueType:["id"],InterfaceDeclaration:["id"],TypeAlias:["id"],OpaqueTy
pe:["id"],CatchClause:["param"],LabeledStatement:["label"],UnaryExpression:["argument"],AssignmentExpression:
["left"],ImportSpecifier:["local"],ImportNamespaceSpecifier:["local"],ImportDefaultSpecifier:["local"],ImportDecla
ration:["specifiers"],ExportSpecifier:["exported"],ExportNamespaceSpecifier:["exported"],ExportDefaultSpecifier:[
"exported"],FunctionDeclaration:["id","params"],FunctionExpression:["id","params"],ArrowFunctionExpression:["p
arams"],ObjectMethod:["params"],ClassMethod:["params"],ForInStatement:["left"],ForOfStatement:["left"],ClassD
eclaration:["id"],ClassExpression:["id"],RestElement:["argument"],UpdateExpression:["argument"],ObjectProperty:
["value"],AssignmentPattern:["left"],ArrayPattern:["elements"],ObjectPattern:["properties"],VariableDeclaration:["d
eclarations"],VariableDeclarator:["id"]}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.clear=function(){s(),a()},t.clearPath=s,t.clearScope=a,t.s
cope=t.path=void 0;let n=new WeakMap;t.path=n;let i=new WeakMap;function s(){t.path=n=new
WeakMap}function a(){t.scope=i=new WeakMap}t.scope=i},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){const r=Object.keys(t);for(const n
of r)if(e[n]!==t[n])return!1;return!0}},function(e,t,r){var n=r(11)(r(7),"Map");e.exports=n},function(e,t,r){var
n=r(7).Symbol;e.exports=n},function(e,t,r){var n=r(72),i=r(180),s=r(76);e.exports=function(e){return
s(e)?n(e):i(e)},function(e,t){var r=Array.isArray;e.exports=r},function(e,t){var
r=Object.prototype;e.exports=function(e){var t=e&&e.constructor;return e===("function"===typeof
t&&t.prototype|r)},function(e,t,r){var n=r(72),i=r(183),s=r(76);e.exports=function(e){return
s(e)?n(e,!0):i(e)},function(e,t,r){var
n=r(188),i=r(77),s=Object.prototype.propertyIsEnumerable,a=Object.getOwnPropertySymbols,o=a?function(e){retu
rn null===e?[]:(e=Object(e),n(a(e),(function(t){return s.call(e,t)})))};i.e.exports=o},function(e,t,r){var
n=r(75)(Object.getPrototypeOf,Object);e.exports=n},function(e,t,r){var
n=r(192),i=r(40),s=r(193),a=r(194),o=r(195),l=r(18),c=r(69),p=c(n),u=c(i),d=c(s),h=c(a),f=c(o),m=l;(n&&"[object
DataView]"!=m(new n(new ArrayBuffer(1)))||i&&"[object Map]"!=m(new i)||s&&"[object
Promise]"!=m(s.resolve())||a&&"[object Set]"!=m(new a)||o&&"[object WeakMap]"!=m(new
o))&&(m=function(e){var t=l(e),r="[object Object]"===t?e.constructor:void 0,n=r?c(r):"";if(n)switch(n){case
p:return"[object DataView]";case u:return"[object Map]";case d:return"[object Promise]";case h:return"[object
Set]";case f:return"[object WeakMap]"}return t}),e.exports=m},function(e,t,r){var
n=r(198);e.exports=function(e){var t=new e.constructor(e.byteLength);return new n(t).set(new
n(e),t)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.classMethodOrDeclareMethodCommon=t.classMethodO
rPropertyCommon=t.patternLikeCommon=t.functionDeclarationCommon=t.functionTypeAnnotationCommon=t.fun
ctionCommon=void 0;var n=c(r(34)),i=c(r(23)),s=r(19),a=r(13),o=function(e){if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return {default:e};var t=l();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var

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s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get|s.set)?Object.defineProperty(r,i,s):r[i]=e[i]r.default=e,t
&&t.set(e,r);return r}(r(9));function l(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
l=function(){return e},e}function c(e){return
e&&e.__esModule?e:{default:e}}(0,o.default)("ArrayExpression",{fields:{elements:{validate:(0,o.chain)((0,o.asser
tValueType)("array"),(0,o.assertEach)((0,o.assertNodeOrValueType)("null","Expression","SpreadElement"))},defau
lt:process.env.BABEL_TYPES_8_BREAKING?void
0:[]}},visitor:["elements"],aliases:["Expression"]}),0,o.default)("AssignmentExpression",{fields:{operator:{validat
e:function(){if(!process.env.BABEL_TYPES_8_BREAKING)return(0,o.assertValueType)("string");const
e=(0,o.assertOneOf)(...a.ASSIGNMENT_OPERATORS),t=(0,o.assertOneOf)("=");return
function(r,i,s){((0,n.default)("Pattern",r.left)?t:e)(r,i,s)}(}),left:{validate:process.env.BABEL_TYPES_8_BREAKI
NG?(0,o.assertNodeType)("Identifier","MemberExpression","ArrayPattern","ObjectPattern):(0,o.assertNodeType)("
LVal")},right:{validate:(0,o.assertNodeType)("Expression")}},builder:["operator","left","right"],visitor:["left","rig
ht"],aliases:["Expression"]}),0,o.default)("BinaryExpression",{builder:["operator","left","right"],fields:{operator:{v
alidate:(0,o.assertOneOf)(...a.BINARY_OPERATORS)},left:{validate:function(){const
e=(0,o.assertNodeType)("Expression"),t=(0,o.assertNodeType)("Expression","PrivateName"),r=function(r,n,i){("in"
===r.operator?t:e)(r,n,i);return
r.oneOfNodeTypes=["Expression","PrivateName"],r}(),right:{validate:(0,o.assertNodeType)("Expression")}},visit
or:["left","right"],aliases:["Binary","Expression"]}),0,o.default)("InterpreterDirective",{builder:["value"],fields:{va
lue:{validate:(0,o.assertValueType)("string")}}}),0,o.default)("Directive",{visitor:["value"],fields:{value:{validat
e:(0,o.assertNodeType)("DirectiveLiteral")}}}),0,o.default)("DirectiveLiteral",{builder:["value"],fields:{value:{valid
ate:(0,o.assertValueType)("string")}}}),0,o.default)("BlockStatement",{builder:["body","directives"],visitor:["direc
tives","body"],fields:{directives:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.asser
tNodeType)("Directive"))},default:[]},body:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.a
ssertNodeType)("Statement"))}},aliases:["Scopable","BlockParent","Block","Statement"]}),0,o.default)("BreakSta
tement",{visitor:["label"],fields:{label:{validate:(0,o.assertNodeType)("Identifier"),optional:!0}},aliases:["Statemen
t","Terminatorless","CompletionStatement"]}),0,o.default)("CallExpression",{visitor:["callee","arguments","typePa
rameters","typeArguments"],builder:["callee","arguments"],aliases:["Expression"],fields:Object.assign({callee:{vali
date:(0,o.assertNodeType)("Expression","V8IntrinsicIdentifier")},arguments:{validate:(0,o.chain)((0,o.assertValueT
ype)("array"),(0,o.assertEach)((0,o.assertNodeType)("Expression","SpreadElement","JSXNamespacedName","Argu
mentPlaceholder"))}},process.env.BABEL_TYPES_8_BREAKING?{}:{optional:{validate:(0,o.assertOneOf)(!0,!
1),optional:!0},{typeArguments:{validate:(0,o.assertNodeType)("TypeParameterInstantiation"),optional:!0},typeP
arameters:{validate:(0,o.assertNodeType)("TSTypeParameterInstantiation"),optional:!0}}}),0,o.default)("CatchCl
ause",{visitor:["param","body"],fields:{param:{validate:(0,o.assertNodeType)("Identifier","ArrayPattern","ObjectP
attern"),optional:!0},body:{validate:(0,o.assertNodeType)("BlockStatement")}},aliases:["Scopable","BlockParent"]
}),0,o.default)("ConditionalExpression",{visitor:["test","consequent","alternate"],fields:{test:{validate:(0,o.assertN
odeType)("Expression"),consequent:{validate:(0,o.assertNodeType)("Expression"),alternate:{validate:(0,o.assert
NodeType)("Expression")}},aliases:["Expression","Conditional"]}),0,o.default)("ContinueStatement",{visitor:["lab
el"],fields:{label:{validate:(0,o.assertNodeType)("Identifier"),optional:!0}},aliases:["Statement","Terminatorless","
CompletionStatement"]}),0,o.default)("DebuggerStatement",{aliases:["Statement"]}),0,o.default)("DoWhileState
ment",{visitor:["test","body"],fields:{test:{validate:(0,o.assertNodeType)("Expression"),body:{validate:(0,o.assert
NodeType)("Statement")}},aliases:["Statement","BlockParent","Loop","While","Scopable"]}),0,o.default)("Empty
Statement",{aliases:["Statement"]}),0,o.default)("ExpressionStatement",{visitor:["expression"],fields:{expression:{
validate:(0,o.assertNodeType)("Expression")}},aliases:["Statement","ExpressionWrapper"]}),0,o.default)("File",{b
uilder:["program","comments","tokens"],visitor:["program"],fields:{program:{validate:(0,o.assertNodeType)("Progr
am")},comments:{validate:process.env.BABEL_TYPES_8_BREAKING?(0,o.assertEach)((0,o.assertNodeType)("C
ommentBlock","CommentLine")):Object.assign(=>{}},{each:{oneOfNodeTypes:["CommentBlock","CommentLin
e"]}},optional:!0},tokens:{validate:(0,o.assertEach)(Object.assign(=>{}},{type:"any"})),optional:!0}}}),0,o.defau
lt)("ForInStatement",{visitor:["left","right","body"],aliases:["Scopable","Statement","For","BlockParent","Loop","F

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orXStatement"],fields:{left:{validate:process.env.BABEL_TYPES_8_BREAKING?(0,o.assertNodeType)("Variable
Declaration","Identifier","MemberExpression","ArrayPattern","ObjectPattern):(0,o.assertNodeType)("VariableDec
laration","LVal"),right:{validate:(0,o.assertNodeType)("Expression")},body:{validate:(0,o.assertNodeType)("State
ment")}}),(0,o.default)("ForStatement",{visitor:["init","test","update","body"],aliases:["Scopable","Statement","Fo
r","BlockParent","Loop"],fields:{init:{validate:(0,o.assertNodeType)("VariableDeclaration","Expression"),optional:
!0},test:{validate:(0,o.assertNodeType)("Expression"),optional:!0},update:{validate:(0,o.assertNodeType)("Express
ion"),optional:!0},body:{validate:(0,o.assertNodeType)("Statement")}}});const
p={params:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Identifier",
"Pattern","RestElement","TSPParameterProperty"))},generator:{default:!1},async:{default:!1}};t.functionCommon=
p;const
u={returnType:{validate:(0,o.assertNodeType)("TypeAnnotation","TSTypeAnnotation","Noop"),optional:!0},typeP
arameters:{validate:(0,o.assertNodeType)("TypeParameterDeclaration","TSTypeParameterDeclaration","Noop"),op
tional:!0}};t.functionTypeAnnotationCommon=u;const
d=Object.assign({},p,{declare:{validate:(0,o.assertValueType)("boolean"),optional:!0},id:{validate:(0,o.assertNode
Type)("Identifier"),optional:!0}});t.functionDeclarationCommon=d,(0,o.default)("FunctionDeclaration",{builder:["i
d","params","body","generator","async"],visitor:["id","params","body","returnType","typeParameters"],fields:Objec
t.assign({},d,u,{body:{validate:(0,o.assertNodeType)("BlockStatement")}}),aliases:["Scopable","Function","Block
Parent","FunctionParent","Statement","Pureish","Declaration"],validate:function(){if(!process.env.BABEL_TYPES
_8_BREAKING)return()=>{};const e=(0,o.assertNodeType)("Identifier");return
function(t,r,i){(0,n.default)("ExportDefaultDeclaration",t)||e(i,"id",i.id)}(0)},(0,o.default)("FunctionExpression",{in
herits:"FunctionDeclaration",aliases:["Scopable","Function","BlockParent","FunctionParent","Expression","Pureish
"],fields:Object.assign({},p,u,{id:{validate:(0,o.assertNodeType)("Identifier"),optional:!0},body:{validate:(0,o.asse
rtNodeType)("BlockStatement")}}));const
h={typeAnnotation:{validate:(0,o.assertNodeType)("TypeAnnotation","TSTypeAnnotation","Noop"),optional:!0},d
ecorators:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Decorator"))
}};t.patternLikeCommon=h,(0,o.default)("Identifier",{builder:["name"],visitor:["typeAnnotation","decorators"],alia
ses:["Expression","PatternLike","LVal","TSEntityName"],fields:Object.assign({},h,{name:{validate:(0,o.chain)((0,
o.assertValueType)("string"),Object.assign((function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&!0,i
.default)(r,!1))throw new TypeError(`"${r}" is not a valid identifier
name`)}),{type:"string"}))},optional:{validate:(0,o.assertValueType)("boolean"),optional:!0}},validate(e,t,r){if(!pr
ocess.env.BABEL_TYPES_8_BREAKING)return;const
i=^\\.\\(w+)$\\.exec(t);if(!i)return;const[,a]=i,o={computed:!1};if("property"===a){if((0,n.default)("MemberExpressio
n",e,o))return;if((0,n.default)("OptionalMemberExpression",e,o))return}else
if("key"===a){if((0,n.default)("Property",e,o))return;if((0,n.default)("Method",e,o))return}else
if("exported"===a){if((0,n.default)("ExportSpecifier",e))return}else
if("imported"===a){if((0,n.default)("ImportSpecifier",e,{imported:r}))return}else
if("meta"===a&&(0,n.default)("MetaProperty",e,{meta:r}))return;if(((0,s.isKeyword)(r.name)||0,s.isReservedWord
)(r.name))&&"this"!==r.name)throw new TypeError(`"${r.name}" is not a valid
identifier`)}),(0,o.default)("IfStatement",{visitor:["test","consequent","alternate"],aliases:["Statement","Conditiona
l"],fields:{test:{validate:(0,o.assertNodeType)("Expression")},consequent:{validate:(0,o.assertNodeType)("Stateme
nt")},alternate:{optional:!0,validate:(0,o.assertNodeType)("Statement")}}),(0,o.default)("LabeledStatement",{visit
or:["label","body"],aliases:["Statement"],fields:{label:{validate:(0,o.assertNodeType)("Identifier")},body:{validate:(
0,o.assertNodeType)("Statement")}}),(0,o.default)("StringLiteral",{builder:["value"],fields:{value:{validate:(0,o.as
sertValueType)("string")}},aliases:["Expression","Pureish","Literal","Immutable"]}),0,o.default)("NumericLiteral"
,{builder:["value"],deprecatedAlias:"NumberLiteral",fields:{value:{validate:(0,o.assertValueType)("number")}},ali
ases:["Expression","Pureish","Literal","Immutable"]}),0,o.default)("NullLiteral",{aliases:["Expression","Pureish","
Literal","Immutable"]}),0,o.default)("BooleanLiteral",{builder:["value"],fields:{value:{validate:(0,o.assertValueTy
pe)("boolean")}},aliases:["Expression","Pureish","Literal","Immutable"]}),0,o.default)("RegExpLiteral",{builder:[

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"pattern", "flags"], deprecatedAlias: "RegexLiteral", aliases: ["Expression", "Pureish", "Literal"], fields: { pattern: { validate
:(0,o.o.assertValueType)("string")), flags: { validate:(0,o.o.chain)((0,o.o.assertValueType)("string"), Object.assign((function
(e,t,r){if(!process.env.BABEL_TYPES_8_BREAKING)return;const n=/^[^gimsuy]/.exec(r);if(n)throw new
TypeError(`${n[0]} is not a valid RegExp
flag`))}, { type:"string"})), default:""})), (0,o.o.default)("LogicalExpression", { builder:["operator", "left", "right"], visitor
:["left", "right"], aliases:["Binary", "Expression"], fields: { operator: { validate:(0,o.o.assertOneOf)(...a.LOGICAL_OPER
ATORS)}, left: { validate:(0,o.o.assertNodeType)("Expression")}, right: { validate:(0,o.o.assertNodeType)("Expression")
}}), (0,o.o.default)("MemberExpression", { builder:["object", "property", "computed", "optional"], visitor:["object", "prope
rty"], aliases:["Expression", "LVal"], fields: Object.assign({ object: { validate:(0,o.o.assertNodeType)("Expression")}, pro
perty: { validate:function(){ const
e=(0,o.o.assertNodeType)("Identifier", "PrivateName"), t=(0,o.o.assertNodeType)("Expression"), r=function(r,n,i){(r.com
puted?t:e)(r,n,i)};return
r.oneOfNodeTypes=["Expression", "Identifier", "PrivateName"], r()}), computed: { default:!1}}, process.env.BABEL_
TYPES_8_BREAKING?{}: { optional: { validate:(0,o.o.assertOneOf)(!0,!1), optional:!0}})), (0,o.o.default)("NewExpres
sion", { inherits:"CallExpression"}), (0,o.o.default)("Program", { visitor:["directives", "body"], builder:["body", "directives
", "sourceType", "interpreter"], fields: { sourceFile: { validate:(0,o.o.assertValueType)("string")}, sourceType: { validate:(0,
o.o.assertOneOf)("script", "module"), default:"script"}, interpreter: { validate:(0,o.o.assertNodeType)("InterpreterDirective
"), default:null, optional:!0}, directives: { validate:(0,o.o.chain)((0,o.o.assertValueType)("array"), (0,o.o.assertEach)((0,o.o.asse
rtNodeType)("Directive"))), default:[]}, body: { validate:(0,o.o.chain)((0,o.o.assertValueType)("array"), (0,o.o.assertEach)((
0,o.o.assertNodeType)("Statement"))}}, aliases:["Scopable", "BlockParent", "Block"]}), (0,o.o.default)("ObjectExpressio
n", { visitor:["properties"], aliases:["Expression"], fields: { properties: { validate:(0,o.o.chain)((0,o.o.assertValueType)("arra
y"), (0,o.o.assertEach)((0,o.o.assertNodeType)("ObjectMethod", "ObjectProperty", "SpreadElement"))}}, (0,o.o.default)(
"ObjectMethod", { builder:["kind", "key", "params", "body", "computed", "generator", "async"], fields: Object.assign({ p
,u, { kind: Object.assign({ validate:(0,o.o.assertOneOf)("method", "get", "set")), process.env.BABEL_TYPES_8_BREAK
ING?{}: { default:"method"}), computed: { default:!1}, key: { validate:function(){ const
e=(0,o.o.assertNodeType)("Identifier", "StringLiteral", "NumericLiteral"), t=(0,o.o.assertNodeType)("Expression"), r=fun
ction(r,n,i){(r.computed?t:e)(r,n,i)};return
r.oneOfNodeTypes=["Expression", "Identifier", "StringLiteral", "NumericLiteral"], r()}), decorators: { validate:(0,o.chai
n)((0,o.o.assertValueType)("array"), (0,o.o.assertEach)((0,o.o.assertNodeType)("Decorator"))), optional:!0}, body: { validate
:(0,o.o.assertNodeType)("BlockStatement")}}, visitor:["key", "params", "body", "decorators", "returnType", "typeParam
eters"], aliases:["UserWhitespacable", "Function", "Scopable", "BlockParent", "FunctionParent", "Method", "ObjectMe
mber"]}), (0,o.o.default)("ObjectProperty", { builder:["key", "value", "computed", "shorthand", "...process.env.BABEL_T
YPES_8_BREAKING?[]: ["decorators"]], fields: { computed: { default:!1}, key: { validate:function(){ const
e=(0,o.o.assertNodeType)("Identifier", "StringLiteral", "NumericLiteral"), t=(0,o.o.assertNodeType)("Expression"), r=fun
ction(r,n,i){(r.computed?t:e)(r,n,i)};return
r.oneOfNodeTypes=["Expression", "Identifier", "StringLiteral", "NumericLiteral"], r()}), value: { validate:(0,o.o.assertNo
deType)("Expression", "PatternLike")}, shorthand: { validate:(0,o.o.chain)((0,o.o.assertValueType)("boolean"), Object.assi
gn((function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&r&&e.computed)throw new
TypeError("Property shorthand of ObjectProperty cannot be true if computed is
true"))}, { type:"boolean"}), (function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&r&&!0,n.default)("I
dentifier", e.key))throw new TypeError("Property shorthand of ObjectProperty cannot be true if key is not an
Identifier"))}, default:!1}, decorators: { validate:(0,o.o.chain)((0,o.o.assertValueType)("array"), (0,o.o.assertEach)((0,o.o.asse
rtNodeType)("Decorator"))), optional:!0}, visitor:["key", "value", "decorators"], aliases:["UserWhitespacable", "Propert
y", "ObjectMember"], validate:function(){ const
e=(0,o.o.assertNodeType)("Identifier", "Pattern"), t=(0,o.o.assertNodeType)("Expression");return
function(r,i,s){if(!process.env.BABEL_TYPES_8_BREAKING)return;((0,n.default)("ObjectPattern", r)?e:t)(s, "valu
e", s.value)}()), (0,o.o.default)("RestElement", { visitor:["argument", "typeAnnotation"], builder:["argument"], aliases:["
LVal", "PatternLike"], deprecatedAlias:"RestProperty", fields: Object.assign({ }, h, { argument: { validate:process.env.BA

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BEL_TYPES_8_BREAKING?(0,o.assertNodeType)("Identifier","Pattern","MemberExpression):(0,o.assertNodeType)("LVal"))},validate(e,t){if(!process.env.BABEL_TYPES_8_BREAKING)return;const r=/(\w+)\[(\d+)\]/.exec(t);if(!r)throw new Error("Internal Babel error: malformed key.");const[n,i]=r;if(e[n].length>i+1)throw new TypeError("RestElement must be last element of "+n)}},(0,o.default)("ReturnStatement",{visitor:["argument"],aliases:["Statement","Terminatorless","CompletionStatement"],fields:{argument:{validate:(0,o.assertNodeType)("Expression"),optional:!0}}},(0,o.default)("SequenceExpression",{visitor:["expressions"],fields:{expressions:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Expression"))}},aliases:["Expression"]}),0,o.default)("ParenthesizedExpression",{visitor:["expression"],aliases:["Expression","ExpressionWrapper"],fields:{expression:{validate:(0,o.assertNodeType)("Expression")}}},(0,o.default)("SwitchCase",{visitor:["test","consequent"],fields:{test:{validate:(0,o.assertNodeType)("Expression"),optional:!0},consequent:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Statement"))}}},(0,o.default)("SwitchStatement",{visitor:["discriminant","cases"],aliases:["Statement","BlockParent","Scopable"],fields:{discriminant:{validate:(0,o.assertNodeType)("Expression")},cases:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("SwitchCase"))}}},(0,o.default)("ThisExpression",{aliases:["Expression"]}),0,o.default)("ThrowStatement",{visitor:["argument"],aliases:["Statement","Terminatorless","CompletionStatement"],fields:{argument:{validate:(0,o.assertNodeType)("Expression")}}},(0,o.default)("TryStatement",{visitor:["block","handler","finalizer"],aliases:["Statement"],fields:{block:{validate:(0,o.chain)((0,o.assertNodeType)("BlockStatement"),Object.assign((function(e){if(process.env.BABEL_TYPES_8_BREAKING&&!e.handler&&!e.finalizer)throw new TypeError("TryStatement expects either a handler or finalizer, or both"))},{oneOfNodeTypes:["BlockStatement"]}}),handler:{optional:!0,validate:(0,o.assertNodeType)("CatchClause")},finalizer:{optional:!0,validate:(0,o.assertNodeType)("BlockStatement")}}},(0,o.default)("UnaryExpression",{builder:["operator","argument","prefix"],fields:{prefix:{default:!0},argument:{validate:(0,o.assertNodeType)("Expression")},operator:{validate:(0,o.assertOneOf(...a.UNARY_OPERATORS))},visitor:["argument"],aliases:["UnaryLike","Expression"]}),0,o.default)("UpdateExpression",{builder:["operator","argument","prefix"],fields:{prefix:{default:1},argument:{validate:process.env.BABEL_TYPES_8_BREAKING?(0,o.assertNodeType)("Identifier","MemberExpression):(0,o.assertNodeType)("Expression")},operator:{validate:(0,o.assertOneOf(...a.UPDATE_OPERATORS))},visitor:["argument"],aliases:["Expression"]}),0,o.default)("VariableDeclaration",{builder:["kind","declarations"],visitor:["declarations"],aliases:["Statement","Declaration"],fields:{declare:{validate:(0,o.assertValueType)("boolean"),optional:!0},kind:{validate:(0,o.assertOneOf("var","let","const"))},declarations:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("VariableDeclarator"))}},validate(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&(0,n.default)("ForXStatement",e,{left:r})&&!r.declarations.length)throw new TypeError("Exactly one VariableDeclarator is required in the VariableDeclaration of a "+e.type)}},(0,o.default)("VariableDeclarator",{visitor:["id","init"],fields:{id:{validate:function(){if(!process.env.BABEL_TYPES_8_BREAKING)return(0,o.assertNodeType)("LVal");const e=(0,o.assertNodeType)("Identifier","ArrayPattern","ObjectPattern"),t=(0,o.assertNodeType)("Identifier");return function(r,n,i){(r.init?t(r,n,i))}(),definite:{optional:!0,validate:(0,o.assertValueType)("boolean")},init:{optional:!0,validate:(0,o.assertNodeType)("Expression")}}},(0,o.default)("WhileStatement",{visitor:["test","body"],aliases:["Statement","BlockParent","Loop","While","Scopable"],fields:{test:{validate:(0,o.assertNodeType)("Expression")},body:{validate:(0,o.assertNodeType)("Statement")}}},(0,o.default)("WithStatement",{visitor:["object","body"],aliases:["Statement"],fields:{object:{validate:(0,o.assertNodeType)("Expression")},body:{validate:(0,o.assertNodeType)("Statement")}}},(0,o.default)("AssignmentPattern",{visitor:["left","right","decorators"],builder:["left","right"],aliases:["Pattern","PatternLike","LVal"],fields:Object.assign({h:{left:{validate:(0,o.assertNodeType)("Identifier","ObjectPattern","ArrayPattern","MemberExpression")},right:{validate:(0,o.assertNodeType)("Expression")},decorators:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Decorator"))},optional:!0}}},(0,o.default)("ArrayPattern",{visitor:["elements","typeAnnotation"],builder:["elements"],aliases:["Pattern","PatternLike","LVal"],fields:Object.assign({h,{elements:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeOrValueType)("null","PatternLike"))},decorators:{validate:(0,o.chain)((0,o.assertValu

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eType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Decorator"))),optional:!0})),(0,o.default)("ArrowFunctionExpression",{builder:["params","body","async"],visitor:["params","body","returnType","typeParameters"],aliases:["Scopable","Function","BlockParent","FunctionParent","Expression","Pureish"],fields:Object.assign({},p,u,{expression:{validate:(0,o.assertValueType)("boolean")},body:{validate:(0,o.assertNodeType)("BlockStatement","Expression")}})),(0,o.default)("ClassBody",{visitor:["body"],fields:{body:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("ClassMethod","ClassPrivateMethod","ClassProperty","ClassPrivateProperty","TSDeclareMethod","TSIndexSignature"))}})),(0,o.default)("ClassExpression",{builder:["id","superClass","body","decorators"],visitor:["id","body","superClass","mixins","typeParameters","superTypeParameters","implements","decorators"],aliases:["Scopable","Class","Expression"],fields:{id:{validate:(0,o.assertNodeType)("Identifier"),optional:!0},typeParameters:{validate:(0,o.assertNodeType)("TypeParameterDeclaration","TSTypeParameterDeclaration","Noop"),optional:!0},body:{validate:(0,o.assertNodeType)("ClassBody")},superClass:{optional:!0,validate:(0,o.assertNodeType)("Expression")},superTypeParameters:{validate:(0,o.assertNodeType)("TypeParameterInstantiation","TSTypeParameterInstantiation"),optional:!0},implements:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("TSExpressionWithTypeArguments","ClassImplements"))),optional:!0},decorators:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Decorator"))),optional:!0},mixins:{validate:(0,o.assertNodeType)("InterfaceExtends"),optional:!0}})),(0,o.default)("ClassDeclaration",{inherits:"ClassExpression",aliases:["Scopable","Class","Statement","Declaration"],fields:{id:{validate:(0,o.assertNodeType)("Identifier")},typeParameters:{validate:(0,o.assertNodeType)("TypeParameterDeclaration","TSTypeParameterDeclaration","Noop"),optional:!0},body:{validate:(0,o.assertNodeType)("ClassBody")},superClass:{optional:!0,validate:(0,o.assertNodeType)("Expression")},superTypeParameters:{validate:(0,o.assertNodeType)("TypeParameterInstantiation","TSTypeParameterInstantiation"),optional:!0},implements:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("TSExpressionWithTypeArguments","ClassImplements"))),optional:!0},decorators:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Decorator"))),optional:!0},mixins:{validate:(0,o.assertNodeType)("InterfaceExtends"),optional:!0},declare:{validate:(0,o.assertValueType)("boolean"),optional:!0},abstract:{validate:(0,o.assertValueType)("boolean"),optional:!0},validate:function(){const e=(0,o.assertNodeType)("Identifier");return function(t,r,i){process.env.BABEL_TYPES_8_BREAKING&&((0,n.default)("ExportDefaultDeclaration",t)||e(i,"id",i.id))}})),(0,o.default)("ExportAllDeclaration",{visitor:["source"],aliases:["Statement","Declaration","ModuleDeclaration","ExportDeclaration"],fields:{source:{validate:(0,o.assertNodeType)("StringLiteral")},assertions:{optional:!0,validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertNodeType)("ImportAttribute"))}})),(0,o.default)("ExportDefaultDeclaration",{visitor:["declaration"],aliases:["Statement","Declaration","ModuleDeclaration","ExportDeclaration"],fields:{declaration:{validate:(0,o.assertNodeType)("FunctionDeclaration","TSDeclareFunction","ClassDeclaration","Expression")}})),(0,o.default)("ExportNamedDeclaration",{visitor:["declaration","specifiers","source"],aliases:["Statement","Declaration","ModuleDeclaration","ExportDeclaration"],fields:{declaration:{optional:!0,validate:(0,o.chain)((0,o.assertNodeType)("Declaration"),Object.assign((function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&r&&e.specifiers.length)throw new TypeError("Only declaration or specifiers is allowed on ExportNamedDeclaration"))},{oneOfNodeTypes:["Declaration"]}),function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&r&&e.source)throw new TypeError("Cannot export a declaration from a source")}})),assertions:{optional:!0,validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertNodeType)("ImportAttribute"))},specifiers:{default:[],validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)(function(){const e=(0,o.assertNodeType)("ExportSpecifier","ExportDefaultSpecifier","ExportNamespaceSpecifier"),t=(0,o.assertNodeType)("ExportSpecifier");return process.env.BABEL_TYPES_8_BREAKING?function(r,n,i){(r.source?e:t)(r,n,i)}:e}})),source:{validate:(0,o.assertNodeType)("StringLiteral"),optional:!0},exportKind:(0,o.validateOptional)((0,o.assertOneOf)("type","value"))}},(0,o.default)("ExportSpecifier",{visitor:["local","exported"],aliases:["ModuleSpecifier"],fields:{local:{validate:(0,o.assertNodeType)("Identifier")},exported:{validate:(0,o.assertNodeType)("Identifier","StringLiteral")}})),(0,o.default)("ForOfStatement",{visitor:["left","right","body"],builder:["left","right","body","await"],aliases:["Scopable","Stat

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ement", "For", "BlockParent", "Loop", "ForXStatement"], fields: { left: { validate: function() { if (!process.env.BABEL_TY
PES_8_BREAKING) return (0, o.assertNodeType)("VariableDeclaration", "LVal"); const
e=(0, o.assertNodeType)("VariableDeclaration"), t=(0, o.assertNodeType)("Identifier", "MemberExpression", "ArrayPa
ttern", "ObjectPattern"); return
function(r, i, s) { (0, n.default)("VariableDeclaration", s)?e(r, i, s):t(r, i, s) } }, right: { validate: (0, o.assertNodeType)("Expr
ession") }, body: { validate: (0, o.assertNodeType)("Statement") }, await: { default: !1 } } }, (0, o.default)("ImportDeclaratio
n", { visitor: ["specifiers", "source"], aliases: ["Statement", "Declaration", "ModuleDeclaration"], fields: { assertions: { optio
nal: !0, validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertNodeType)("ImportAttribute")) }, specifiers: { val
idate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)((0, o.assertNodeType)("ImportSpecifier", "ImportD
efaultSpecifier", "ImportNamespaceSpecifier")) }, source: { validate: (0, o.assertNodeType)("StringLiteral") }, importKi
nd: { validate: (0, o.assertOneOf)("type", "typeof", "value"), optional: !0 } } }, (0, o.default)("ImportDefaultSpecifier", { visi
tor: ["local"], aliases: ["ModuleSpecifier"], fields: { local: { validate: (0, o.assertNodeType)("Identifier") } } }, (0, o.default)(
"ImportNamespaceSpecifier", { visitor: ["local"], aliases: ["ModuleSpecifier"], fields: { local: { validate: (0, o.assertNodeT
ype)("Identifier") } } }, (0, o.default)("ImportSpecifier", { visitor: ["local", "imported"], aliases: ["ModuleSpecifier"], field
s: { local: { validate: (0, o.assertNodeType)("Identifier") }, imported: { validate: (0, o.assertNodeType)("Identifier", "String
Literal") }, importKind: { validate: (0, o.assertOneOf)("type", "typeof"), optional: !0 } } }, (0, o.default)("MetaProperty", { vi
sitor: ["meta", "property"], aliases: ["Expression"], fields: { meta: { validate: (0, o.chain)((0, o.assertNodeType)("Identifier"
), Object.assign((function(e, t, r) { if (!process.env.BABEL_TYPES_8_BREAKING) return; let
i; switch(r.name) { case "function": i="sent"; break; case "new": i="target"; break; case "import": i="meta" } if (!(0, n.default)(
"Identifier", e.property, { name: i })) throw new TypeError("Unrecognised
MetaProperty") }, { oneOfNodeTypes: ["Identifier"] } } ), property: { validate: (0, o.assertNodeType)("Identifier") } } }); co
nst
f={ abstract: { validate: (0, o.assertValueType)("boolean"), optional: !0 }, accessibility: { validate: (0, o.assertOneOf)("publi
c", "private", "protected"), optional: !0 }, static: { default: !1 }, computed: { default: !1 }, optional: { validate: (0, o.assertValueT
ype)("boolean"), optional: !0 }, key: { validate: (0, o.chain)(function() { const
e=(0, o.assertNodeType)("Identifier", "StringLiteral", "NumericLiteral"), t=(0, o.assertNodeType)("Expression"); return
function(r, n, i) { (r.computed?t:e)(r, n, i) } }, (0, o.assertNodeType)("Identifier", "StringLiteral", "NumericLiteral", "Expr
ession")) } }; t.classMethodOrPropertyCommon=f; const
m=Object.assign({ }, p, f, { kind: { validate: (0, o.assertOneOf)("get", "set", "method", "constructor"), default: "method" }, ac
cess: { validate: (0, o.chain)((0, o.assertValueType)("string"), (0, o.assertOneOf)("public", "private", "protected")), optiona
l: !0 }, decorators: { validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)((0, o.assertNodeType)("Decor
ator")) }, optional: !0 } }); t.classMethodOrDeclareMethodCommon=m, (0, o.default)("ClassMethod", { aliases: ["Function
", "Scopable", "BlockParent", "FunctionParent", "Method"], builder: ["kind", "key", "params", "body", "computed", "static
", "generator", "async"], visitor: ["key", "params", "body", "decorators", "returnType", "typeParameters"], fields: Object.as
sign({ }, m, u, { body: { validate: (0, o.assertNodeType)("BlockStatement") } } } ), (0, o.default)("ObjectPattern", { visitor: ["
properties", "typeAnnotation", "decorators"], builder: ["properties"], aliases: ["Pattern", "PatternLike", "LVal"], fields: Obj
ect.assign({ }, h, { properties: { validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)((0, o.assertNodeT
ype)("RestElement", "ObjectProperty")) } } } ), (0, o.default)("SpreadElement", { visitor: ["argument"], aliases: ["UnaryLi
ke"], deprecatedAlias: "SpreadProperty", fields: { argument: { validate: (0, o.assertNodeType)("Expression") } } } ), (0, o.def
ault)("Super", { aliases: ["Expression"] }, (0, o.default)("TaggedTemplateExpression", { visitor: ["tag", "quasi"], aliases: ["
Expression"], fields: { tag: { validate: (0, o.assertNodeType)("Expression") }, quasi: { validate: (0, o.assertNodeType)("Tem
plateLiteral") }, typeParameters: { validate: (0, o.assertNodeType)("TypeParameterInstantiation", "TSTypeParameterIns
tantiation"), optional: !0 } } }, (0, o.default)("TemplateElement", { builder: ["value", "tail"], fields: { value: { validate: (0, o.as
sertShape)({ raw: { validate: (0, o.assertValueType)("string") }, cooked: { validate: (0, o.assertValueType)("string"), option
al: !0 } } }, tail: { default: !1 } } }, (0, o.default)("TemplateLiteral", { visitor: ["quasis", "expressions"], aliases: ["Expression",
"Literal"], fields: { quasis: { validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)((0, o.assertNodeT
ype)("TemplateElement")) }, expressions: { validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)((0, o.asse
rtNodeType)("Expression", "TSType")), (function(e, t, r) { if (e.quasis.length!==r.length+1) throw new

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TypeError( Number of ${e.type} quasirs should be exactly one more than the number of expressions.\nExpected
${r.length+1} quasirs but got
${e.quasirs.length}`))})),(0,o.default)("YieldExpression",{builder:["argument","delegate"],visitor:["argument"],a
liases:["Expression","Terminatorless"],fields:{delegate:{validate:(0,o.chain)((0,o.assertValueType)("boolean"),Objec
t.assign((function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&r&&!e.argument)throw new
TypeError("Property delegate of YieldExpression cannot be true if there is no
argument"))},{type:"boolean"})),default:!1},argument:{optional:!0,validate:(0,o.assertNodeType)("Expression")}}
),(0,o.default)("AwaitExpression",{builder:["argument"],visitor:["argument"],aliases:["Expression","Terminatorless
"],fields:{argument:{validate:(0,o.assertNodeType)("Expression")}}),(0,o.default)("Import",{aliases:["Expression"
]}),(0,o.default)("BigIntLiteral",{builder:["value"],fields:{value:{validate:(0,o.assertValueType)("string")}},aliases:
["Expression","Pureish","Literal","Immutable"]),(0,o.default)("ExportNamespaceSpecifier",{visitor:["exported"],al
iases:["ModuleSpecifier"],fields:{exported:{validate:(0,o.assertNodeType)("Identifier")}}),(0,o.default)("Optional
MemberExpression",{builder:["object","property","computed","optional"],visitor:["object","property"],aliases:["Ex
pression"],fields:{object:{validate:(0,o.assertNodeType)("Expression")},property:{validate:function(){const
e=(0,o.assertNodeType)("Identifier"),t=(0,o.assertNodeType)("Expression"),r=function(r,n,i){(r.computed?t:e)(r,n,i
)};return
r.oneOfNodeTypes=["Expression","Identifier"],r()}),computed:{default:!1},optional:{validate:process.env.BABEL
_TYPES_8_BREAKING?(0,o.chain)((0,o.assertValueType)("boolean"),(0,o.assertOptionalChainStart)):()::(0,o.assert
ValueType)("boolean")}}),(0,o.default)("OptionalCallExpression",{visitor:["callee","arguments","typeParameters"
,"typeArguments"],builder:["callee","arguments","optional"],aliases:["Expression"],fields:{callee:{validate:(0,o.asse
rtNodeType)("Expression")},arguments:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.a
ssertNodeType)("Expression","SpreadElement","JSXNamespacedName"))},optional:{validate:process.env.BABE
L_TYPES_8_BREAKING?(0,o.chain)((0,o.assertValueType)("boolean"),(0,o.assertOptionalChainStart)):()::(0,o.asse
rtValueType)("boolean")},typeArguments:{validate:(0,o.assertNodeType)("TypeParameterInstantiation"),optional:!
0},typeParameters:{validate:(0,o.assertNodeType)("TSTypeParameterInstantiation"),optional:!0}}}),function(e,t,r)
{"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){if(e===t)return!0;if(n.ALIAS_KE
YS[t])return!1;const r=n.FLIPPED_ALIAS_KEYS[t];if(r){if(r[0]===e)return!0;for(const t of
r)if(e===t)return!0}return!1};var n=r(5),function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){if(!e)return;const
a=n.NODE_FIELDS[e.type];if(!a)return;const o=a[t];i(e,t,r,o),s(e,t,r)},t.validateField=i,t.validateChild=s;var
n=r(5);function i(e,t,r,n){(null===n?void 0:n.validate)&&(n.optional&&null===r||n.validate(e,t,r))}function
s(e,t,r){if(null===r)return;const i=n.NODE_PARENT_VALIDATIONS[r.type];i&&i(e,t,r)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){t&&r&&(t[e]=Array.from(new
Set([],concat(t[e],r[e])).filter(Boolean))}),function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){const r=Object.keys(t);for(const n
of r)if(e[n]!==t[n])return!1;return!0}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.classMethodOrDeclareMethodCommon=t.classMethodO
rPropertyCommon=t.patternLikeCommon=t.functionDeclarationCommon=t.functionTypeAnnotationCommon=t.fu
nctionCommon=void 0;var
n=r(36),i=r(24),s=r(19),a=r(15),o=r(10);(0,o.default)("ArrayExpression",{fields:{elements:{validate:(0,o.chain)((0,o
.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeOrValueType)("null","Expression","SpreadElement"))),
default:process.env.BABEL_TYPES_8_BREAKING?void
0:[]}},visitor:["elements"],aliases:["Expression"]),(0,o.default)("AssignmentExpression",{fields:{operator:{validat
e:function(){if(!process.env.BABEL_TYPES_8_BREAKING)return(0,o.assertValueType)("string");const
e=(0,o.assertOneOf)(...a.ASSIGNMENT_OPERATORS),t=(0,o.assertOneOf)("=");return
function(r,i,s){((0,n.default)("Pattern",r.left)?t:e)(r,i,s)}(),left:{validate:process.env.BABEL_TYPES_8_BREAKI
NG?(0,o.assertNodeType)("Identifier","MemberExpression","ArrayPattern","ObjectPattern")::(0,o.assertNodeType)

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"LVal")),right:{validate:(0,o.assertNodeType)("Expression")}},builder:["operator","left","right"],visitor:["left","right"],aliases:["Expression"]}), (0,o.default)("BinaryExpression",{builder:["operator","left","right"],fields:{operator:{validate:(0,o.assertOneOf(...a.BINARY_OPERATORS))},left:{validate:function(){const e=(0,o.assertNodeType)("Expression"),t=(0,o.assertNodeType)("Expression","PrivateName"),r=function(r,n,i){("in"===r.operator?t:e)(r,n,i)};return r.oneOfNodeTypes=["Expression","PrivateName"],r()}},right:{validate:(0,o.assertNodeType)("Expression")}},visitor:["left","right"],aliases:["Binary","Expression"]}), (0,o.default)("InterpreterDirective",{builder:["value"],fields:{value:{validate:(0,o.assertValueType)("string")}}}), (0,o.default)("Directive",{visitor:["value"],fields:{value:{validate:(0,o.assertNodeType)("DirectiveLiteral")}}}), (0,o.default)("DirectiveLiteral",{builder:["value"],fields:{value:{validate:(0,o.assertValueType)("string")}}}), (0,o.default)("BlockStatement",{builder:["body","directives"],visitor:["directives","body"],fields:{directives:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Directive"))},default:[]},body:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Statement"))}}},aliases:["Scopable","BlockParent","Block","Statement"]}), (0,o.default)("BreakStatement",{visitor:["label"],fields:{label:{validate:(0,o.assertNodeType)("Identifier"),optional:!0}},aliases:["Statement","Terminatorless","CompletionStatement"]}), (0,o.default)("CallExpression",{visitor:["callee","arguments","typeParameters","typeArguments"],builder:["callee","arguments"],aliases:["Expression"],fields:Object.assign({callee:{validate:(0,o.assertNodeType)("Expression","V8IntrinsicIdentifier")},arguments:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Expression","SpreadElement","JSXNamespacedName","ArgumentPlaceholder"))}},process.env.BABEL_TYPES_8_BREAKING?{optional:{validate:(0,o.assertOneOf)(!0,!1),optional:!0}},{typeArguments:{validate:(0,o.assertNodeType)("TypeParameterInstantiation"),optional:!0},typeParameters:{validate:(0,o.assertNodeType)("TSTypeParameterInstantiation"),optional:!0}}}), (0,o.default)("CatchClause",{visitor:["param","body"],fields:{param:{validate:(0,o.assertNodeType)("Identifier","ArrayPattern","ObjectPattern"),optional:!0},body:{validate:(0,o.assertNodeType)("BlockStatement")}}},aliases:["Scopable","BlockParent"]}), (0,o.default)("ConditionalExpression",{visitor:["test","consequent","alternate"],fields:{test:{validate:(0,o.assertNodeType)("Expression")},consequent:{validate:(0,o.assertNodeType)("Expression")},alternate:{validate:(0,o.assertNodeType)("Expression")}}},aliases:["Expression","Conditional"]}), (0,o.default)("ContinueStatement",{visitor:["label"],fields:{label:{validate:(0,o.assertNodeType)("Identifier"),optional:!0}},aliases:["Statement","Terminatorless","CompletionStatement"]}), (0,o.default)("DebuggerStatement",{aliases:["Statement"]}), (0,o.default)("DoWhileStatement",{visitor:["test","body"],fields:{test:{validate:(0,o.assertNodeType)("Expression")},body:{validate:(0,o.assertNodeType)("Statement")}}},aliases:["Statement","BlockParent","Loop","While","Scopable"]}), (0,o.default)("EmptyStatement",{aliases:["Statement"]}), (0,o.default)("ExpressionStatement",{visitor:["expression"],fields:{expression:{validate:(0,o.assertNodeType)("Expression")}}},aliases:["Statement","ExpressionWrapper"]}), (0,o.default)("File",{builder:["program","comments","tokens"],visitor:["program"],fields:{program:{validate:(0,o.assertNodeType)("Program")},comments:{validate:process.env.BABEL_TYPES_8_BREAKING?(0,o.assertEach)((0,o.assertNodeType)("CommentBlock","CommentLine")):Object.assign(=>{},{each:{oneOfNodeTypes:["CommentBlock","CommentLine"]}}),optional:!0},tokens:{validate:(0,o.assertEach)(Object.assign(=>{},{type:"any"})),optional:!0}}}), (0,o.default)("ForInStatement",{visitor:["left","right","body"],aliases:["Scopable","Statement","For","BlockParent","Loop","ForXStatement"],fields:{left:{validate:process.env.BABEL_TYPES_8_BREAKING?(0,o.assertNodeType)("VariableDeclaration","Identifier","MemberExpression","ArrayPattern","ObjectPattern"):(0,o.assertNodeType)("VariableDeclaration","LVal")},right:{validate:(0,o.assertNodeType)("Expression")},body:{validate:(0,o.assertNodeType)("Statement")}}}), (0,o.default)("ForStatement",{visitor:["init","test","update","body"],aliases:["Scopable","Statement","For","BlockParent","Loop"],fields:{init:{validate:(0,o.assertNodeType)("VariableDeclaration","Expression"),optional:!0},test:{validate:(0,o.assertNodeType)("Expression"),optional:!0},update:{validate:(0,o.assertNodeType)("Expression"),optional:!0},body:{validate:(0,o.assertNodeType)("Statement")}}});const l={params:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Identifier","Pattern","RestElement","TSPParameterProperty"))},generator:{default:!1},async:{default:!1}};t.functionCommon=l;const c={returnType:{validate:(0,o.assertNodeType)("TypeAnnotation","TSTypeAnnotation","Noop"),optional:!0},typeP

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arameters: { validate: (0, o.assertNodeType)("TypeParameterDeclaration", "TSTypeParameterDeclaration", "Noop"), optional: !0 }; t.functionTypeAnnotationCommon = c; const
p = Object.assign({ }, l, { declare: { validate: (0, o.assertValueType)("boolean"), optional: !0 }, id: { validate: (0, o.assertNodeType)("Identifier"), optional: !0 } }); t.functionDeclarationCommon = p, (0, o.default)("FunctionDeclaration", { builder: ["id", "params", "body", "generator", "async"], visitor: ["id", "params", "body", "returnType", "typeParameters"], fields: Object.assign({ }, p, c, { body: { validate: (0, o.assertNodeType)("BlockStatement") } }), aliases: ["Scopable", "Function", "BlockParent", "FunctionParent", "Statement", "Pureish", "Declaration"], validate: function() { if (!process.env.BABEL_TYPES_8_BREAKING) return () => {} }; const e = (0, o.assertNodeType)("Identifier"); return
function(t, r, i) { (0, n.default)("ExportDefaultDeclaration", t) || e(i, "id", i.id) } {} }, (0, o.default)("FunctionExpression", { inherits: "FunctionDeclaration", aliases: ["Scopable", "Function", "BlockParent", "FunctionParent", "Expression", "Pureish"], fields: Object.assign({ }, l, c, { id: { validate: (0, o.assertNodeType)("Identifier"), optional: !0 }, body: { validate: (0, o.assertNodeType)("BlockStatement") } })); const
u = { typeAnnotation: { validate: (0, o.assertNodeType)("TypeAnnotation", "TSTypeAnnotation", "Noop"), optional: !0 }, decorators: { validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)((0, o.assertNodeType)("Decorator"))) } }; t.patternLikeCommon = u, (0, o.default)("Identifier", { builder: ["name"], visitor: ["typeAnnotation", "decorators"], aliases: ["Expression", "PatternLike", "LVal", "TSEntityName"], fields: Object.assign({ }, u, { name: { validate: (0, o.chain)((0, o.assertValueType)("string"), Object.assign((function(e, t, r) { if (process.env.BABEL_TYPES_8_BREAKING && !(0, i.default)(r, !1)) throw new TypeError(`"${r}" is not a valid identifier name`) }, { type: "string" })), optional: { validate: (0, o.assertValueType)("boolean"), optional: !0 }, validate(e, t, r) { if (!process.env.BABEL_TYPES_8_BREAKING) return; const
i = /\.(\w+)\$/ .exec(t); if (!i) return; const [a] = i, o = { computed: !1 }; if ("property" === a) { if ((0, n.default)("MemberExpression", e, o)) return; if ((0, n.default)("OptionalMemberExpression", e, o)) return } else
if ("key" === a) { if ((0, n.default)("Property", e, o)) return; if ((0, n.default)("Method", e, o)) return } else
if ("exported" === a) { if ((0, n.default)("ExportSpecifier", e)) return } else
if ("imported" === a) { if ((0, n.default)("ImportSpecifier", e, { imported: r })) return } else
if ("meta" === a && (0, n.default)("MetaProperty", e, { meta: r })) return; if (((0, s.isKeyword)(r.name) || (0, s.isReservedWord)(r.name, !1)) && "this" !== r.name) throw new TypeError(`"${r.name}" is not a valid identifier`) } }, (0, o.default)("IfStatement", { visitor: ["test", "consequent", "alternate"], aliases: ["Statement", "Conditional"], fields: { test: { validate: (0, o.assertNodeType)("Expression"), consequent: { validate: (0, o.assertNodeType)("Statement"), alternate: { optional: !0, validate: (0, o.assertNodeType)("Statement") } } }, (0, o.default)("LabeledStatement", { visitor: ["label", "body"], aliases: ["Statement"], fields: { label: { validate: (0, o.assertNodeType)("Identifier"), body: { validate: (0, o.assertNodeType)("Statement") } } }, (0, o.default)("StringLiteral", { builder: ["value"], fields: { value: { validate: (0, o.assertValueType)("string") } }, aliases: ["Expression", "Pureish", "Literal", "Immutable"] }, (0, o.default)("NumericLiteral", { builder: ["value"], deprecatedAlias: "NumberLiteral", fields: { value: { validate: (0, o.assertValueType)("number") } }, aliases: ["Expression", "Pureish", "Literal", "Immutable"] }, (0, o.default)("NullLiteral", { aliases: ["Expression", "Pureish", "Literal", "Immutable"] }, (0, o.default)("BooleanLiteral", { builder: ["value"], fields: { value: { validate: (0, o.assertValueType)("boolean") } }, aliases: ["Expression", "Pureish", "Literal", "Immutable"] }, (0, o.default)("RegExpLiteral", { builder: ["pattern", "flags"], deprecatedAlias: "RegexLiteral", aliases: ["Expression", "Pureish", "Literal"], fields: { pattern: { validate: (0, o.assertValueType)("string"), flags: { validate: (0, o.chain)((0, o.assertValueType)("string"), Object.assign((function(e, t, r) { if (!process.env.BABEL_TYPES_8_BREAKING) return; const n = /^[gimsuy]/.exec(r); if (n) throw new
TypeError(`"${n[0]}" is not a valid RegExp flag`) }, { type: "string" })), default: "" } } }, (0, o.default)("LogicalExpression", { builder: ["operator", "left", "right"], visitor: ["left", "right"], aliases: ["Binary", "Expression"], fields: { operator: { validate: (0, o.assertOneOf)(...a.LOGICAL_OPERATORS)}, left: { validate: (0, o.assertNodeType)("Expression"), right: { validate: (0, o.assertNodeType)("Expression") } }, (0, o.default)("MemberExpression", { builder: ["object", "property", "computed", "optional"], visitor: ["object", "property"], aliases: ["Expression", "LVal"], fields: Object.assign({ object: { validate: (0, o.assertNodeType)("Expression") }, property: { validate: function() { const
e = (0, o.assertNodeType)("Identifier", "PrivateName"), t = (0, o.assertNodeType)("Expression"), r = function(r, n, i) { (r.com

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puted?t:e)(r,n,i)};return
r.oneOfNodeTypes=["Expression","Identifier","PrivateName",r](),computed:{default:!1}},process.env.BABEL_
TYPES_8_BREAKING?{}:{optional:{validate:(0,o.assertOneOf)(!0,!1),optional:!0}}},(0,o.default)("NewExpres
sion",{inherits:"CallExpression"}),(0,o.default)("Program",{visitor:["directives","body"],builder:["body","directives
","sourceType","interpreter"],fields:{sourceFile:{validate:(0,o.assertValueType)("string")},sourceType:{validate:(0,
o.assertOneOf)("script","module"),default:"script"},interpreter:{validate:(0,o.assertNodeType)("InterpreterDirective
"),default:null,optional:!0},directives:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.asse
rtNodeType)("Directive"))},default:[],body:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((
0,o.assertNodeType)("Statement"))}},aliases:["Scopable","BlockParent","Block"]}),0,o.default)("ObjectExpressio
n",{visitor:["properties"],aliases:["Expression"],fields:{properties:{validate:(0,o.chain)((0,o.assertValueType)("arra
y"),(0,o.assertEach)((0,o.assertNodeType)("ObjectMethod","ObjectProperty","SpreadElement"))}}}),0,o.default)(
"ObjectMethod",{builder:["kind","key","params","body","computed","generator","async"],fields:Object.assign({},l,
c,{kind:Object.assign({validate:(0,o.assertOneOf)("method","get","set")},process.env.BABEL_TYPES_8_BREAKI
NG?{}:{default:"method"}),computed:{default:!1},key:{validate:function(){const
e=(0,o.assertNodeType)("Identifier","StringLiteral","NumericLiteral"),t=(0,o.assertNodeType)("Expression"),r=fun
ction(r,n,i){(r.computed?t:e)(r,n,i)};return
r.oneOfNodeTypes=["Expression","Identifier","StringLiteral","NumericLiteral",r](),decorators:{validate:(0,o.chai
n)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Decorator"))},optional:!0},body:{validate
:(0,o.assertNodeType)("BlockStatement")}},visitor:["key","params","body","decorators","returnType","typeParam
eters"],aliases:["UserWhitespacable","Function","Scopable","BlockParent","FunctionParent","Method","ObjectMe
mber"]}),0,o.default)("ObjectProperty",{builder:["key","value","computed","shorthand",...process.env.BABEL_T
YPES_8_BREAKING?["decorators"]],fields:{computed:{default:!1},key:{validate:function(){const
e=(0,o.assertNodeType)("Identifier","StringLiteral","NumericLiteral"),t=(0,o.assertNodeType)("Expression"),r=fun
ction(r,n,i){(r.computed?t:e)(r,n,i)};return
r.oneOfNodeTypes=["Expression","Identifier","StringLiteral","NumericLiteral",r](),value:{validate:(0,o.assertNo
deType)("Expression","PatternLike")},shorthand:{validate:(0,o.chain)((0,o.assertValueType)("boolean"),Object.assi
gn((function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&r&&e.computed)throw new
TypeError("Property shorthand of ObjectProperty cannot be true if computed is
true"))},{type:"boolean"}),(function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&!(0,n.default)("I
dentifier",e.key))throw new TypeError("Property shorthand of ObjectProperty cannot be true if key is not an
Identifier"))},default:!1},decorators:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.asse
rtNodeType)("Decorator"))},optional:!0},visitor:["key","value","decorators"],aliases:["UserWhitespacable","Propert
y","ObjectMember"],validate:function(){const
e=(0,o.assertNodeType)("Identifier","Pattern"),t=(0,o.assertNodeType)("Expression");return
function(r,i,s){if(!process.env.BABEL_TYPES_8_BREAKING)return;(0,n.default)("ObjectPattern",r)?e:t(s,"valu
e",s.value)}},(0,o.default)("RestElement",{visitor:["argument","typeAnnotation"],builder:["argument"],aliases:["
LVal","PatternLike"],deprecatedAlias:"RestProperty",fields:Object.assign({},u,{argument:{validate:process.env.BA
BEL_TYPES_8_BREAKING?(0,o.assertNodeType)("Identifier","Pattern","MemberExpression):(0,o.assertNodeT
ype)("LVal")}},validate(e,t){if(!process.env.BABEL_TYPES_8_BREAKING)return;const
r=/(\w+)\[(\d+)\]/.exec(t);if(!r)throw new Error("Internal Babel error: malformed
key.");const[,n,i]=r;if(e[n].length>i+1)throw new TypeError("RestElement must be last element of
"+n)}},(0,o.default)("ReturnStatement",{visitor:["argument"],aliases:["Statement","Terminatorless","CompletionSt
atement"],fields:{argument:{validate:(0,o.assertNodeType)("Expression"),optional:!0}}}),0,o.default)("SequenceE
xpression",{visitor:["expressions"],fields:{expressions:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.asse
rtEach)((0,o.assertNodeType)("Expression"))}},aliases:["Expression"]}),0,o.default)("ParenthesizedExpression",
{visitor:["expression"],aliases:["Expression","ExpressionWrapper"],fields:{expression:{validate:(0,o.assertNodeTyp
e)("Expression")}}}),0,o.default)("SwitchCase",{visitor:["test","consequent"],fields:{test:{validate:(0,o.assertNode
Type)("Expression"),optional:!0},consequent:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)(

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(0,o.assertNodeType)("Statement"))} } } } },(0,o.default)("SwitchStatement",{visitor:["discriminant","cases"],aliases:["Statement","BlockParent","Scopable"],fields:{discriminant:{validate:(0,o.assertNodeType)("Expression")},cases:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("SwitchCase"))} } } } },(0,o.default)("ThisExpression",{aliases:["Expression"]}),0,o.default)("ThrowStatement",{visitor:["argument"],aliases:["Statement","Terminatorless","CompletionStatement"],fields:{argument:{validate:(0,o.assertNodeType)("Expression")} } } } },(0,o.default)("TryStatement",{visitor:["block","handler","finalizer"],aliases:["Statement"],fields:{block:{validate:(0,o.chain)((0,o.assertNodeType)("BlockStatement"),Object.assign((function(e){if(process.env.BABEL_TYPES_8_BREAKING&&!e.handler&&!e.finalizer)throw new TypeError("TryStatement expects either a handler or finalizer, or both"))},{oneOfNodeTypes:["BlockStatement"]})),handler:{optional:!0,validate:(0,o.assertNodeType)("CatchClause")},finalizer:{optional:!0,validate:(0,o.assertNodeType)("BlockStatement")} } } } },(0,o.default)("UnaryExpression",{builder:["operator","argument","prefix"],fields:{prefix:{default:!0},argument:{validate:(0,o.assertNodeType)("Expression")},operator:{validate:(0,o.assertOneOf(...a.UNARY_OPERATORS))},visitor:["argument"],aliases:["UnaryLike","Expression"]}),0,o.default)("UpdateExpression",{builder:["operator","argument","prefix"],fields:{prefix:{default:!1},argument:{validate:process.env.BABEL_TYPES_8_BREAKING?(0,o.assertNodeType)("Identifier","MemberExpression):(0,o.assertNodeType)("Expression")},operator:{validate:(0,o.assertOneOf(...a.UPDATE_OPERATORS))},visitor:["argument"],aliases:["Expression"]}),0,o.default)("VariableDeclaration",{builder:["kind","declarations"],visitor:["declarations"],aliases:["Statement","Declaration"],fields:{declare:{validate:(0,o.assertValueType)("boolean"),optional:!0},kind:{validate:(0,o.assertOneOf("var","let","const"))},declarations:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("VariableDeclarator"))} } },validate(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&(0,n.default)("ForXStatement",e,{left:r})&&1!==r.declarations.length)throw new TypeError("Exactly one VariableDeclarator is required in the VariableDeclaration of a "+e.type)} } },(0,o.default)("VariableDeclarator",{visitor:["id","init"],fields:{id:{validate:function(){if(!process.env.BABEL_TYPES_8_BREAKING)return(0,o.assertNodeType)("LVal");const e=(0,o.assertNodeType)("Identifier","ArrayPattern","ObjectPattern"),t=(0,o.assertNodeType)("Identifier");return function(r,n,i){(r.init?e:t)(r,n,i)} } } } },definite:{optional:!0,validate:(0,o.assertValueType)("boolean")},init:{optional:!0,validate:(0,o.assertNodeType)("Expression")} } } },(0,o.default)("WhileStatement",{visitor:["test","body"],aliases:["Statement","BlockParent","Loop","While","Scopable"],fields:{test:{validate:(0,o.assertNodeType)("Expression")},body:{validate:(0,o.assertNodeType)("Statement")} } } },(0,o.default)("WithStatement",{visitor:["object","body"],aliases:["Statement"],fields:{object:{validate:(0,o.assertNodeType)("Expression")},body:{validate:(0,o.assertNodeType)("Statement")} } } } },(0,o.default)("AssignmentPattern",{visitor:["left","right","decorators"],builder:["left","right"],aliases:["Pattern","PatternLike","LVal"],fields:Object.assign({},u,{left:{validate:(0,o.assertNodeType)("Identifier","ObjectPattern","ArrayPattern","MemberExpression")},right:{validate:(0,o.assertNodeType)("Expression")},decorators:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Decorator"))},optional:!0} } } },(0,o.default)("ArrayPattern",{visitor:["elements","typeAnnotation"],builder:["elements"],aliases:["Pattern","PatternLike","LVal"],fields:Object.assign({},u,{elements:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeOrValueType)("null","PatternLike"))},decorators:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Decorator"))},optional:!0} } } },(0,o.default)("ArrowFunctionExpression",{builder:["params","body","async"],visitor:["params","body","returnType","typeParameters"],aliases:["Scopable","Function","BlockParent","FunctionParent","Expression","Pureish"],fields:Object.assign({},l,c,{expression:{validate:(0,o.assertValueType)("boolean")},body:{validate:(0,o.assertNodeType)("BlockStatement","Expression")} } } } },(0,o.default)("ClassBody",{visitor:["body"],fields:{body:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("ClassMethod","ClassPrivateMethod","ClassProperty","ClassPrivateProperty","TSDeclareMethod","TSIndexSignature"))} } } } },(0,o.default)("ClassExpression",{builder:["id","superClass","body","decorators"],visitor:["id","body","superClass","mixins","typeParameters","superTypeParameters","implements","decorators"],aliases:["Scopable","Class","Expression"],fields:{id:{validate:(0,o.assertNodeType)("Identifier"),optional:!0},typeParameters:{validate:(0,o.assertNodeType)("TypeParameterDeclaration","TSTypeParameterDeclaration","Noop"),optional:!0},body:{validate:(0,o.assertNodeType)("ClassBody")},superClass:{optional:!0,validate:(

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0,o.assertNodeType)("Expression")),superTypeParameters:{ validate:(0,o.assertNodeType)("TypeParameterInstantiation","TSTypeParameterInstantiation"),optional:!0},implements:{ validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("TSExpressionWithTypeArguments","ClassImplements"))),optional:!0},decorators:{ validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Decorator"))),optional:!0},mixins:{ validate:(0,o.assertNodeType)("InterfaceExtends"),optional:!0}},(0,o.default)("ClassDeclaration",{ inherits:"ClassExpression",aliases:["Scopable","Class","Statement","Declaration"],fields:{ id:{ validate:(0,o.assertNodeType)("Identifier")},typeParameters:{ validate:(0,o.assertNodeType)("TypeParameterDeclaration","TSTypeParameterDeclaration","Noop"),optional:!0},body:{ validate:(0,o.assertNodeType)("ClassBody")},superClass:{ optional:!0,validate:(0,o.assertNodeType)("Expression")},superTypeParameters:{ validate:(0,o.assertNodeType)("TypeParameterInstantiation","TSTypeParameterInstantiation"),optional:!0},implements:{ validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("TSExpressionWithTypeArguments","ClassImplements"))),optional:!0},decorators:{ validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Decorator"))),optional:!0},mixins:{ validate:(0,o.assertNodeType)("InterfaceExtends"),optional:!0},declare:{ validate:(0,o.assertValueType)("boolean"),optional:!0},abstract:{ validate:(0,o.assertValueType)("boolean"),optional:!0}},validate:function(){const e=(0,o.assertNodeType)("Identifier");return function(t,r,i){process.env.BABEL_TYPES_8_BREAKING&&((0,n.default)("ExportDefaultDeclaration",t)||e(i,"id",i.id))}()}),(0,o.default)("ExportAllDeclaration",{ visitor:["source"],aliases:["Statement","Declaration","ModuleDeclaration","ExportDeclaration"],fields:{ source:{ validate:(0,o.assertNodeType)("StringLiteral")},exportKind:(0,o.validateOptional)((0,o.assertOneOf)("type","value")),assertions:{ optional:!0,validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("ImportAttribute"))}},(0,o.default)("ExportDefaultDeclaration",{ visitor:["declaration"],aliases:["Statement","Declaration","ModuleDeclaration","ExportDeclaration"],fields:{ declaration:{ validate:(0,o.assertNodeType)("FunctionDeclaration","TSDeclareFunction","ClassDeclaration","Expression"))}},(0,o.default)("ExportNamedDeclaration",{ visitor:["declaration","specifiers","source"],aliases:["Statement","Declaration","ModuleDeclaration","ExportDeclaration"],fields:{ declaration:{ optional:!0,validate:(0,o.chain)((0,o.assertNodeType)("Declaration"),Object.assign((function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&r&&e.specifiers.length)throw new TypeError("Only declaration or specifiers is allowed on ExportNamedDeclaration"))},{ oneOfNodeTypes:["Declaration"]})},(function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&r&&e.source)throw new TypeError("Cannot export a declaration from a source"))}},assertions:{ optional:!0,validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("ImportAttribute"))}},specifiers:{ default:[],validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)(function(){const e=(0,o.assertNodeType)("ExportSpecifier","ExportDefaultSpecifier","ExportNamespaceSpecifier"),t=(0,o.assertNodeType)("ExportSpecifier");return process.env.BABEL_TYPES_8_BREAKING?function(r,n,i){(r.source?t(r,n,i):e}()}),source:{ validate:(0,o.assertNodeType)("StringLiteral"),optional:!0},exportKind:(0,o.validateOptional)((0,o.assertOneOf)("type","value"))}},(0,o.default)("ExportSpecifier",{ visitor:["local","exported"],aliases:["ModuleSpecifier"],fields:{ local:{ validate:(0,o.assertNodeType)("Identifier")},exported:{ validate:(0,o.assertNodeType)("Identifier","StringLiteral")}}),(0,o.default)("ForOfStatement",{ visitor:["left","right","body"],builder:["left","right","body","await"],aliases:["Scopable","Statement","For","BlockParent","Loop","ForXStatement"],fields:{ left:{ validate:function(){if(!process.env.BABEL_TYPES_8_BREAKING)return(0,o.assertNodeType)("VariableDeclaration","LVal");const e=(0,o.assertNodeType)("VariableDeclaration"),t=(0,o.assertNodeType)("Identifier","MemberExpression","ArrayPattern","ObjectPattern");return function(r,i,s){(0,n.default)("VariableDeclaration",s)?e(r,i,s):t(r,i,s)}()}},right:{ validate:(0,o.assertNodeType)("Expression")},body:{ validate:(0,o.assertNodeType)("Statement")},await:{ default:!1}}),(0,o.default)("ImportDeclaration",{ visitor:["specifiers","source"],aliases:["Statement","Declaration","ModuleDeclaration"],fields:{ assertions:{ optional:!0,validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("ImportAttribute"))}},specifiers:{ validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("ImportSpecifier","ImportDefaultSpecifier","ImportNamespaceSpecifier"))},source:{ validate:(0,o.assertNodeType)("StringLi

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teral"))},importKind:{ validate:(0,o.assertOneOf)("type","typeof","value"),optional:!0}}),(0,o.default)("ImportDefaultSpecifier",{ visitor:["local"],aliases:["ModuleSpecifier"],fields:{local:{ validate:(0,o.assertNodeType)("Identifier")}}}),
(0,o.default)("ImportNamespaceSpecifier",{ visitor:["local"],aliases:["ModuleSpecifier"],fields:{local:{ validate:(0,o.assertNodeType)("Identifier")}}}),
(0,o.default)("ImportSpecifier",{ visitor:["local","imported"],aliases:["ModuleSpecifier"],fields:{local:{ validate:(0,o.assertNodeType)("Identifier")},imported:{ validate:(0,o.assertNodeType)("Identifier","StringLiteral")},importKind:{ validate:(0,o.assertOneOf)("type","typeof"),optional:!0}}}),
(0,o.default)("MetaProperty",{ visitor:["meta","property"],aliases:["Expression"],fields:{meta:{ validate:(0,o.chain)((0,o.assertNodeType)("Identifier"),Object.assign((function(e,t,r){if(!process.env.BABEL_TYPES_8_BREAKING)return;let i;switch(r.name){case"function":i="sent";break;case"new":i="target";break;case"import":i="meta"}if(!(0,n.default)("Identifier",e.property,{ name:i}))throw new TypeError("Unrecognised MetaProperty"))}),{ oneOfNodeTypes:["Identifier"]}}}),property:{ validate:(0,o.assertNodeType)("Identifier")}}});const
d={ abstract:{ validate:(0,o.assertValueType)("boolean"),optional:!0},accessibility:{ validate:(0,o.assertOneOf)("public","private","protected"),optional:!0},static:{ default:!1},override:{ default:!1},computed:{ default:!1},optional:{ validate:(0,o.assertValueType)("boolean"),optional:!0},key:{ validate:(0,o.chain)(function(){const e=(0,o.assertNodeType)("Identifier","StringLiteral","NumericLiteral"),t=(0,o.assertNodeType)("Expression");return function(r,n,i){(r.computed?t:e)(r,n,i)}(0,o.assertNodeType)("Identifier","StringLiteral","NumericLiteral","Expression"))}};t.classMethodOrPropertyCommon=d;const
h=Object.assign({,l,d,{ kind:{ validate:(0,o.assertOneOf)("get","set","method","constructor"),default:"method"},access:{ validate:(0,o.chain)((0,o.assertValueType)("string"),(0,o.assertOneOf)("public","private","protected")),optional:!0},decorators:{ validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Decorator"))},optional:!0});t.classMethodOrDeclareMethodCommon=h,(0,o.default)("ClassMethod",{ aliases:["Function","Scopable","BlockParent","FunctionParent","Method"],builder:["kind","key","params","body","computed","static","generator","async"],visitor:["key","params","body","decorators","return Type","typeParameters"],fields:Object.assign({,h,c,{ body:{ validate:(0,o.assertNodeType)("BlockStatement")}}}),
(0,o.default)("ObjectPattern",{ visitor:["properties","typeAnnotation","decorators"],builder:["properties"],aliases:["Pattern","PatternLike","LVal"],fields:Object.assign({,u,{ properties:{ validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("RestElement","ObjectProperty"))}}}),
(0,o.default)("SpreadElement",{ visitor:["argument"],aliases:["UnaryLike"],deprecatedAlias:"SpreadProperty",fields:{ argument:{ validate:(0,o.assertNodeType)("Expression")}}}),
(0,o.default)("Super",{ aliases:["Expression"]}),
(0,o.default)("TaggedTemplateExpression",{ visitor:["tag","quasi"],aliases:["Expression"],fields:{ tag:{ validate:(0,o.assertNodeType)("Expression"),quasi:{ validate:(0,o.assertNodeType)("TemplateLiteral")},typeParameters:{ validate:(0,o.assertNodeType)("TypeParameterInstantiation","TSTypeParameterInstantiation"),optional:!0}}}),
(0,o.default)("TemplateElement",{ builder:["value","tail"],fields:{ value:{ validate:(0,o.assertShaped)}(raw:{ validate:(0,o.assertValueType)("string")},cooked:{ validate:(0,o.assertValueType)("string"),optional:!0}}),tail:{ default:!1}}}),
(0,o.default)("TemplateLiteral",{ visitor:["quasis","expressions"],aliases:["Expression","Literal"],fields:{ quasis:{ validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("TemplateElement"))},expressions:{ validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Expression","TSType")),(function(e,t,r){if(e.quasis.length!==r.length+1)throw new TypeError("Number of ${e.type} quasis should be exactly one more than the number of expressions.\nExpected ${r.length+1} quasis but got ${e.quasis.length}"))}}}),
(0,o.default)("YieldExpression",{ builder:["argument","delegate"],visitor:["argument"],aliases:["Expression","Terminatorless"],fields:{ delegate:{ validate:(0,o.chain)((0,o.assertValueType)("boolean"),Object.assign((function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&&!e.argument)throw new TypeError("Property delegate of YieldExpression cannot be true if there is no argument"))},{ type:"boolean"}),default:!1},argument:{ optional:!0,validate:(0,o.assertNodeType)("Expression")}}}),
(0,o.default)("AwaitExpression",{ builder:["argument"],visitor:["argument"],aliases:["Expression","Terminatorless"],fields:{ argument:{ validate:(0,o.assertNodeType)("Expression")}}}),
(0,o.default)("Import",{ aliases:["Expression"]}),
(0,o.default)("BigIntLiteral",{ builder:["value"],fields:{ value:{ validate:(0,o.assertValueType)("string")}}},aliases:

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["Expression", "Pureish", "Literal", "Immutable"])),(0,o.default)("ExportNamespaceSpecifier",{visitor:["exported"],aliases:["ModuleSpecifier"],fields:{exported:{validate:(0,o.assertNodeType)("Identifier")}}}), (0,o.default)("OptionalMemberExpression",{builder:["object","property","computed","optional"],visitor:["object","property"],aliases:["Expression"],fields:{object:{validate:(0,o.assertNodeType)("Expression")},property:{validate:function(){const e=(0,o.assertNodeType)("Identifier"),t=(0,o.assertNodeType)("Expression"),r=function(r,n,i){(r.computed?t:e)(r,n,i)};return r.oneOfNodeTypes=["Expression","Identifier"],r()}}},computed:{default:!1},optional:{validate:process.env.BABEL_TYPERES_8_BREAKING?(0,o.chain)((0,o.assertValueType)("boolean"),(0,o.assertOptionalChainStart)): (0,o.assertValueType)("boolean")}}}), (0,o.default)("OptionalCallExpression",{visitor:["callee","arguments","typeParameters","typeArguments"],builder:["callee","arguments","optional"],aliases:["Expression"],fields:{callee:{validate:(0,o.assertNodeType)("Expression")},arguments:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Expression","SpreadElement","JSXNamespacedName","ArgumentPlaceholder"))},optional:{validate:process.env.BABEL_TYPERES_8_BREAKING?(0,o.chain)((0,o.assertValueType)("boolean"),(0,o.assertOptionalChainStart)): (0,o.assertValueType)("boolean")},typeArguments:{validate:(0,o.assertNodeType)("TypeParameterInstantiation"),optional:!0},typeParameters:{validate:(0,o.assertNodeType)("TSTypeParameterInstantiation"),optional:!0}}}),function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){if(e===t)return!0;if(n.ALIAS_KEYS[t])return!1;const r=n.FLIPPED_ALIAS_KEYS[t];if(r){if(r[0]===e)return!0;for(const t of r)if(e===t)return!0}return!1};var n=r(6),function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){if(!e)return;const a=n.NODE_FIELDS[e.type];if(!a)return;const o=a[t];i(e,t,r,o),s(e,t,r),t.validateField=i,t.validateChild=s;var n=r(6);function i(e,t,r,n){null!=n&&n.validate&&(n.optional&&null==r||n.validate(e,t,r))}function s(e,t,r){if(null==r)return;const i=n.NODE_PARENT_VALIDATIONS[r.type];i&&i(e,t,r)}},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){t&&r&&(t[e]=Array.from(new Set([].concat(t[e],r[e]).filter(Boolean))))},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.merge=function(e,t){const{placeholderWhitelist:r=e.placeholderWhitelist,placeholderPattern:n=e.placeholderPattern,preserveComments:i=e.preserveComments,syntacticPlaceholders:s=e.syntacticPlaceholders}=t;return{parser:Object.assign({},e.parser,t.parser),placeholderWhitelist:r,placeholderPattern:n,preserveComments:i,syntacticPlaceholders:s}},t.validate=function(e){if(null!=e&&"object"!=typeof e)throw new Error("Unknown template options.");const t=e||{},{placeholderWhitelist:r,placeholderPattern:n,preserveComments:i,syntacticPlaceholders:s}=t,a=function(e,t){if(null===e)return{};var r,n,i={},s=Object.keys(e);for(n=0;n<s.length;n++)r=s[n],t.indexOf(r)>=0||i[r]=e[r];return i}(t,["placeholderWhitelist","placeholderPattern","preserveComments","syntacticPlaceholders"]);if(null!=r&&!(r instanceof Set))throw new Error("'placeholderWhitelist' must be a Set, null, or undefined");if(null!=n&&!(n instanceof RegExp)&&!1!==n)throw new Error("'placeholderPattern' must be a RegExp, false, null, or undefined");if(null!=i&&"boolean"!=typeof i)throw new Error("'preserveComments' must be a boolean, null, or undefined");if(null!=s&&"boolean"!=typeof s)throw new Error("'syntacticPlaceholders' must be a boolean, null, or undefined");if(!0===s&&(null!=r||null!=n))throw new Error("'placeholderWhitelist' and 'placeholderPattern' aren't compatible with 'syntacticPlaceholders: true'");return{parser:a,placeholderWhitelist:r||void 0,placeholderPattern:n||void 0,preserveComments:i||void 0,syntacticPlaceholders:s||void 0:s}},t.normalizeReplacements=function(e){if(Array.isArray(e))return e.reduce((e,t,r)=>([e["$"+r]=t,e],{}),{});if("object"===typeof e||null===e)return e||void 0;throw new Error("Template replacements must be an array, object, null, or undefined")}},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0});class n{constructor(e,t={}){this.label=void 0,this.keyword=void 0,this.beforeExpr=void 0,this.startsExpr=void 0,this.rightAssociative=void 0,this.isLoop=void 0,this.isAssign=void 0,this.prefix=void 0,this.postfix=void 0,this.binop=void 0,this.updateContext=void 0,this.label=e,this.keyword=t.keyword,this.beforeExpr=!t.beforeExpr,this.startsExpr=!t.startsExpr,this.rightAssociative=!t.rightAssociative,this.isLoop=!t.isLoop,this.isAssign=!t.isAssign,this.prefix=!t.prefix,this.postfix=!t.post

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fix,this.binop=null!=t.binop?t.binop:null,this.updateContext=null} }const i=new Map;function
s(e,t={}){t.keyword=e;const r=new n(e,t);return i.set(e,r),r}function a(e,t){return new
n(e,{beforeExpr:!0,binop:t})}const o={num:new n("num",{startsExpr:!0}),bigint:new
n("bigint",{startsExpr:!0}),decimal:new n("decimal",{startsExpr:!0}),regexp:new
n("regexp",{startsExpr:!0}),string:new n("string",{startsExpr:!0}),name:new n("name",{startsExpr:!0}),eof:new
n("eof"),bracketL:new n("[",{beforeExpr:!0,startsExpr:!0}),bracketHashL:new
n("#[",{beforeExpr:!0,startsExpr:!0}),bracketBarL:new n("[",{beforeExpr:!0,startsExpr:!0}),bracketR:new
n("]"),bracketBarR:new n("]"),braceL:new n("{",{beforeExpr:!0,startsExpr:!0}),braceBarL:new
n("{",{beforeExpr:!0,startsExpr:!0}),braceHashL:new n("#",{beforeExpr:!0,startsExpr:!0}),braceR:new
n("}"),braceBarR:new n("}"),parenL:new n("({beforeExpr:!0,startsExpr:!0}),parenR:new n(")"),comma:new
n(",",{beforeExpr:!0}),semi:new n(";",{beforeExpr:!0}),colon:new n(":",{beforeExpr:!0}),doubleColon:new
n("::",{beforeExpr:!0}),dot:new n(".",question:new n("?",{beforeExpr:!0}),questionDot:new n("?."),arrow:new
n("=>",{beforeExpr:!0}),template:new n("template"),ellipsis:new n("...",{beforeExpr:!0}),backQuote:new
n("`",{startsExpr:!0}),dollarBraceL:new n("${",{beforeExpr:!0,startsExpr:!0}),at:new n("@"),hash:new
n("#",{startsExpr:!0}),interpreterDirective:new n("#!...",eq:new n("=",{beforeExpr:!0,isAssign:!0}),assign:new
n("_=",{beforeExpr:!0,isAssign:!0}),incDec:new n("++/--",{prefix:!0,postfix:!0,startsExpr:!0}),bang:new
n("!",{beforeExpr:!0,prefix:!0,startsExpr:!0}),tilde:new
n("~",{beforeExpr:!0,prefix:!0,startsExpr:!0}),pipeline:a(">",0),nullishCoalescing:a("??",1),logicalOR:a("||",1),logi
calAND:a("&&",2),bitwiseOR:a("|",3),bitwiseXOR:a("^",4),bitwiseAND:a("&",5),equality:a("===/!/=//===/!===",6),re
lational:a("</<=>",7),bitShift:a("<</>>",8),plusMin:new n("+/-
",{beforeExpr:!0,binop:9,prefix:!0,startsExpr:!0}),modulo:new
n("%",{beforeExpr:!0,binop:10,startsExpr:!0}),star:new n("*",{binop:10}),slash:a("/",10),exponent:new
n("**",{beforeExpr:!0,binop:11,rightAssociative:!0}),_break:s("break"),_case:s("case",{beforeExpr:!0}),_catch:s("c
atch"),_continue:s("continue"),_debugger:s("debugger"),_default:s("default",{beforeExpr:!0}),_do:s("do",{isLoop:!
0,beforeExpr:!0}),_else:s("else",{beforeExpr:!0}),_finally:s("finally"),_for:s("for",{isLoop:!0}),_function:s("functio
n",{startsExpr:!0}),_if:s("if"),_return:s("return",{beforeExpr:!0}),_switch:s("switch"),_throw:s("throw",{beforeExp
r:!0,prefix:!0,startsExpr:!0}),_try:s("try"),_var:s("var"),_const:s("const"),_while:s("while",{isLoop:!0}),_with:s("wit
h"),_new:s("new",{beforeExpr:!0,startsExpr:!0}),_this:s("this",{startsExpr:!0}),_super:s("super",{startsExpr:!0}),_c
lass:s("class",{startsExpr:!0}),_extends:s("extends",{beforeExpr:!0}),_export:s("export"),_import:s("import",{starts
Expr:!0}),_null:s("null",{startsExpr:!0}),_true:s("true",{startsExpr:!0}),_false:s("false",{startsExpr:!0}),_in:s("in",{
beforeExpr:!0,binop:7}),_instanceof:s("instanceof",{beforeExpr:!0,binop:7}),_typeof:s("typeof",{beforeExpr:!0,pre
fix:!0,startsExpr:!0}),_void:s("void",{beforeExpr:!0,prefix:!0,startsExpr:!0}),_delete:s("delete",{beforeExpr:!0,prefi
x:!0,startsExpr:!0}),l=/\r\n?[\n\u2028\u2029]/,c=new RegExp(l.source,"g");function p(e){switch(e){case 10:case
13:case 8232:case 8233:return!0;default:return!1}}const u=/(?:\s|\\\.|\[\^\*\?\*\?\/\*\/g);function d(e){switch(e){case
9:case 11:case 12:case 32:case 160:case 5760:case 8192:case 8193:case 8194:case 8195:case 8196:case 8197:case
8198:case 8199:case 8200:case 8201:case 8202:case 8239:case 8287:case 12288:case
65279:return!0;default:return!1}}class h{constructor(e,t){this.line=void 0,this.column=void
0,this.line=e,this.column=t}}class f{constructor(e,t){this.start=void 0,this.end=void 0,this.filename=void
0,this.identifierName=void 0,this.start=e,this.end=t}}function m(e){return e[e.length-1]}const
y=Object.freeze({AccessorIsGenerator:"A %0ter cannot be a generator",ArgumentsInClass:"arguments' is only
allowed in functions and class methods",AsyncFunctionInSingleStatementContext:"Async functions can only be
declared at the top level or inside a block",AwaitBindingIdentifier:"Can not use 'await' as identifier inside an async
function",AwaitExpressionFormalParameter:"await is not allowed in async function
parameters",AwaitNotInAsyncContext:"await' is only allowed within async functions and at the top levels of
modules",AwaitNotInAsyncFunction:"await' is only allowed within async functions",BadGetterArity:"getter must
not have any formal parameters",BadSetterArity:"setter must have exactly one formal
parameter",BadSetterRestParameter:"setter function argument must not be a rest
parameter",ConstructorClassField:"Classes may not have a field named
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'constructor'",ConstructorClassPrivateField:"Classes may not have a private field named '#constructor'",ConstructorIsAccessor:"Class constructor may not be an accessor",ConstructorIsAsync:"Constructor can't be an async function",ConstructorIsGenerator:"Constructor can't be a generator",DeclarationMissingInitializer:"%0 require an initialization value",DecoratorBeforeExport:"Decorators must be placed *before* the 'export' keyword. You can set the 'decoratorsBeforeExport' option to false to use the 'export @decorator class {}' syntax",DecoratorConstructor:"Decorators can't be used with a constructor. Did you mean '@dec class { ... }'?",DecoratorExportClass:"Using the export keyword between a decorator and a class is not allowed. Please use `export @dec class` instead.",DecoratorSemicolon:"Decorators must not be followed by a semicolon",DecoratorStaticBlock:"Decorators can't be used with a static block",DeletePrivateField:"Deleting a private field is not allowed",DestructureNamedImport:"ES2015 named imports do not destructure. Use another statement for destructuring after the import.",DuplicateConstructor:"Duplicate constructor in the same class",DuplicateDefaultExport:"Only one default export allowed per module.",DuplicateExport:"`%0` has already been exported. Exported identifiers must be unique.",DuplicateProto:"Redefinition of __proto__ property",DuplicateRegExpFlags:"Duplicate regular expression flag",DuplicateStaticBlock:"Duplicate static block in the same class",ElementAfterRest:"Rest element must be last element",EscapedCharNotAnIdentifier:"Invalid Unicode escape",ExportBindingIsString:"A string literal cannot be used as an exported binding without `from`. \n- Did you mean `export { %0 as '%1' } from 'some-module`?",ExportDefaultFromAsIdentifier:"'from' is not allowed as an identifier after 'export default'",ForInOfLoopInitializer:"%0 loop variable declaration may not have an initializer",GeneratorInSingleStatementContext:"Generators can only be declared at the top level or inside a block",IllegalBreakContinue:"Unsyntactic %0",IllegalLanguageModeDirective:"Illegal 'use strict' directive in function with non-simple parameter list",IllegalReturn:"'return' outside of function",ImportBindingIsString:'A string literal cannot be used as an imported binding.\n- Did you mean `import { "%0" as foo }`?',ImportCallArgumentTrailingComma:"Trailing comma is disallowed inside import(...) arguments",ImportCallArity:"import() requires exactly %0",ImportCallNotNewExpression:"Cannot use new with import(...)",ImportCallSpreadArgument:"... is not allowed in import()",ImportMetaOutsideModule:"import.meta may appear only with 'sourceType: `module`'",ImportOutsideModule:"'import' and 'export' may appear only with 'sourceType: `module`'",InvalidBigIntLiteral:"Invalid BigIntLiteral",InvalidCodePoint:"Code point out of bounds",InvalidDecimal:"Invalid decimal",InvalidDigit:"Expected number in radix %0",InvalidEscapeSequence:"Bad character escape sequence",InvalidEscapeSequenceTemplate:"Invalid escape sequence in template",InvalidEscapedReservedWord:"Escape sequence in keyword %0",InvalidIdentifier:"Invalid identifier %0",InvalidLhs:"Invalid left-hand side in %0",InvalidLhsBinding:"Binding invalid left-hand side in %0",InvalidNumber:"Invalid number",InvalidOrMissingExponent:"Floating-point numbers require a valid exponent after the 'e'",InvalidOrUnexpectedToken:"Unexpected character '%0'",InvalidParenthesizedAssignment:"Invalid parenthesized assignment pattern",InvalidPrivateFieldResolution:"Private name #%0 is not defined",InvalidPropertyBindingPattern:"Binding member expression",InvalidRecordProperty:"Only properties and spread elements are allowed in record definitions",InvalidRestAssignmentPattern:"Invalid rest operator's argument",LabelRedeclaration:"Label '%0' is already declared",LetInLexicalBinding:"'let' is not allowed to be used as a name in 'let' or 'const' declarations.",LineTerminatorBeforeArrow:"No line break is allowed before '=>",MalformedRegExpFlags:"Invalid regular expression flag",MissingClassName:"A class name is required",MissingEqInAssignment:"Only '=' operator can be used for specifying default value.",MissingUnicodeEscape:"Expecting Unicode escape sequence \\uXXXX",MixingCoalesceWithLogical:"Nullish coalescing operator(??) requires parens when mixing with logical operators",ModuleAttributeDifferentFromType:"The only accepted module attribute is `type`",ModuleAttributeInvalidValue:"Only string literals are allowed as module attribute values",ModuleAttributesWithDuplicateKeys:'Duplicate key "%0" is not allowed in module attributes',ModuleExportNameHasLoneSurrogate:"An export name cannot include a lone surrogate, found \\u%0'",ModuleExportUndefined:"Export '%0' is not defined",MultipleDefaultsInSwitch:"Multiple default clauses",NewlineAfterThrow:"Illegal newline after throw",NoCatchOrFinally:"Missing catch or finally

clause",NumberIdentifier:"Identifier directly after number",NumericSeparatorInEscapeSequence:"Numeric separators are not allowed inside unicode escape sequences or hex escape sequences",ObsoleteAwaitStar:"await* has been removed from the async functions proposal. Use Promise.all() instead.",OptionalChainingNoNew:"constructors in/after an Optional Chain are not allowed",OptionalChainingNoTemplate:"Tagged Template Literals are not allowed in optionalChain",ParamDupe:"Argument name clash",PatternHasAccessor:"Object pattern can't contain getter or setter",PatternHasMethod:"Object pattern can't contain methods",PipelineBodyNoArrow:"Unexpected arrow "=>" after pipeline body; arrow function in pipeline body must be parenthesized",PipelineBodySequenceExpression:"Pipeline body may not be a comma-separated sequence expression",PipelineHeadSequenceExpression:"Pipeline head should not be a comma-separated sequence expression",PipelineTopicUnused:"Pipeline is in topic style but does not use topic reference",PrimaryTopicNotAllowed:"Topic reference was used in a lexical context without topic binding",PrimaryTopicRequiresSmartPipeline:"Primary Topic Reference found but pipelineOperator not passed 'smart' for 'proposal' option.",PrivateInExpectedIn:"Private names are only allowed in property accesses (obj.#%0) or in `in` expressions (obj.#%0)",PrivateNameRedeclaration:"Duplicate private name #%0",RecordExpressionBarIncorrectEndSyntaxType:"Record expressions ending with '}' are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'bar'",RecordExpressionBarIncorrectStartSyntaxType:"Record expressions starting with '{' are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'bar'",RecordExpressionHashIncorrectStartSyntaxType:"Record expressions starting with '#{' are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'hash'",RecordNoProto:"__proto__ is not allowed in Record expressions",RestTrailingComma:"Unexpected trailing comma after rest element",SloppyFunction:"In non-strict mode code, functions can only be declared at top level, inside a block, or as the body of an if statement",StaticPrototype:"Classes may not have static property named prototype",StrictDelete:"Deleting local variable in strict mode",StrictEvalArguments:"Assigning to '%0' in strict mode",StrictEvalArgumentsBinding:"Binding '%0' in strict mode",StrictFunction:"In strict mode code, functions can only be declared at top level or inside a block",StrictNumericEscape:"The only valid numeric escape in strict mode is '\\0'",StrictOctalLiteral:"Legacy octal literals are not allowed in strict mode",StrictWith:"with in strict mode",SuperNotAllowed:"super() is only valid inside a class constructor of a subclass. Maybe a typo in the method name ('constructor') or not extending another class?",SuperPrivateField:"Private fields can't be accessed on super",TrailingDecorator:"Decorators must be attached to a class element",TupleExpressionBarIncorrectEndSyntaxType:"Tuple expressions ending with ']' are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'bar'",TupleExpressionBarIncorrectStartSyntaxType:"Tuple expressions starting with '[' are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'bar'",TupleExpressionHashIncorrectStartSyntaxType:"Tuple expressions starting with '#[' are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'hash'",UnexpectedArgumentPlaceholder:"Unexpected argument placeholder",UnexpectedAwaitAfterPipelineBody:"Unexpected 'await' after pipeline body; await must have parentheses in minimal proposal",UnexpectedDigitAfterHash:"Unexpected digit after hash token",UnexpectedImportExport:"import and export may only appear at the top level",UnexpectedKeyword:"Unexpected keyword '%0'",UnexpectedLeadingDecorator:"Leading decorators must be attached to a class declaration",UnexpectedLexicalDeclaration:"Lexical declaration cannot appear in a single-statement context",UnexpectedNewTarget:"new.target can only be used in functions",UnexpectedNumericSeparator:"A numeric separator is only allowed between two digits",UnexpectedPrivateField:"Private names can only be used as the name of a class element (i.e. class C { #p = 42; #m() {} }) or a property of member expression (i.e. this.#p).",UnexpectedReservedWord:"Unexpected reserved word '%0'",UnexpectedSuper:"super is only allowed in object methods and

classes",UnexpectedToken:"Unexpected token '%0'",UnexpectedTokenUnaryExponentiation:"Illegal expression. Wrap left hand side or entire exponentiation in parentheses.",UnsupportedBind:"Binding should be performed on object property.",UnsupportedDecoratorExport:"A decorated export must export a class declaration",UnsupportedDefaultExport:"Only expressions, functions or classes are allowed as the `default` export.",UnsupportedImport:"import can only be used in import() or import.meta",UnsupportedMetaProperty:"The only valid meta property for %0 is %0.%1",UnsupportedParameterDecorator:"Decorators cannot be used to decorate parameters",UnsupportedPropertyDecorator:"Decorators cannot be used to decorate object literal properties",UnsupportedSuper:"super can only be used with function calls (i.e. super()) or in property accesses (i.e. super.prop or super[prop])",UnterminatedComment:"Unterminated comment",UnterminatedRegExp:"Unterminated regular expression",UnterminatedString:"Unterminated string constant",UnterminatedTemplate:"Unterminated template",VarRedeclaration:"Identifier '%0' has already been declared",YieldBindingIdentifier:"Can not use 'yield' as identifier inside a generator",YieldInParameter:"Yield expression is not allowed in formal parameters",ZeroDigitNumericSeparator:"Numeric separator can not be used after leading 0");function T(e){return null!=e&&"Property"===e.type&&"init"===e.kind&&!1===e.method}class b{constructor(e,t,r,n){this.token=void 0,this.isExpr=void 0,this.preserveSpace=void 0,this.override=void 0,this.token=e,this.isExpr=!t,this.preserveSpace=!r,this.override=n}const g={braceStatement:new b("{",!1),braceExpression:new b("{",!0),recordExpression:new b("#",!0),templateQuasi:new b("\${",!1),parenStatement:new b("(",!1),parenExpression:new b("(",!0),template:new b("",!0,!0,e=>e.readTmpToken()),functionExpression:new b("function",!0),functionStatement:new b("function",!1)};o.parenR.updateContext=o.braceR.updateContext=function(){if(1===this.state.context.length)return void(this.state.exprAllowed=!0);let e=this.state.context.pop();e===g.braceStatement&&"function"===this.curContext().token&&(e=this.state.context.pop()),this.state.exprAllowed=!e.isExpr},o.name.updateContext=function(e){let t=!1;e!==o.dot&&("of"!==this.state.value||this.state.exprAllowed||e===o._function||e===o._class||(t=!0)),this.state.exprAllowed=t,this.state.isIterator&&(this.state.isIterator=!1)},o.braceL.updateContext=function(e){this.state.context.push(this.braceIsBlock(e)?g.braceStatement:g.braceExpression),this.state.exprAllowed=!0},o.dollarBraceL.updateContext=function(){this.state.context.push(g.templateQuasi),this.state.exprAllowed=!0},o.parenL.updateContext=function(e){const t=e===o._if||e===o._for||e===o._with||e===o._while;this.state.context.push(t?g.parenStatement:g.parenExpression),this.state.exprAllowed=!0},o.incDec.updateContext=function(){},o._function.updateContext=o._class.updateContext=function(e){!e.beforeExpr||e===o.semi||e===o._else||e===o._return&&this.hasPrecedingLineBreak()|(e===o.colon||e===o.braceL)&&this.curContext()===g.b_stat?this.state.context.push(g.functionStatement):this.state.context.push(g.functionExpression),this.state.exprAllowed=!1},o.backQuote.updateContext=function(){this.curContext()===g.template?this.state.context.pop():this.state.context.push(g.template),this.state.exprAllowed=!1},o.braceHashL.updateContext=function(){this.state.context.push(g.recordExpression),this.state.exprAllowed=!0};let S="µ°À-ÖØ-öø-~-----",x="-----";const E=new RegExp("[+S+]"),P=new RegExp("[+S+x+]");S=x=null;const v=[0,11,2,25,2,18,2,1,2,14,3,13,35,122,70,52,268,28,4,48,48,31,14,29,6,37,11,29,3,35,5,7,2,4,43,157,19,35,5,35,5,3,9,9,51,157,310,10,21,11,7,153,5,3,0,2,43,2,1,4,0,3,22,11,22,10,30,66,18,2,1,11,21,11,25,71,55,7,1,65,0,16,3,2,2,2,2,8,43,28,4,28,36,7,2,27,28,53,11,21,11,18,14,17,111,72,56,50,14,50,14,35,349,41,7,1,79,28,11,0,9,21,107,20,28,22,1,3,52,76,44,33,24,27,35,30,0,3,0,9,34,4,0,13,47,15,3,22,0,2,0,36,17,2,24,85,6,2,0,2,3,2,14,2,9,8,46,39,7,3,1,3,21,2,6,2,1,2,4,4,0,19,0,13,4,159,52,19,3,21,2,31,47,21,1,2,0,185,46,42,3,37,47,21,0,60,42,14,0,72,26,230,43,117,63,32,7,3,0,3,7,2,1,2,23,16,0,2,0,95,7,3,38,17,0,2,0,29,0,11,39,8,0,22,0,12,45,20,0,35,56,264,8,2,36,18,0,50,29,113,6,2,1,2,37,22,0,26,5,2,1,2,31,15,0,328,18,190,0,80,921,103,110,18,195,2749,1070,4050,582,8634,568,8,30,114,29,19,47,17,3,32,20,6,18,689,63,129,74,6,0,67,12,65,1,2,0,29,6135,9,1237,43,8,8952,286,50,2,18,3,9,395,2309,106,6,12,4,8,8,9,5,991,84,2,70,2,1,3,0,3,1,3,3,2,11,2,0,2,6,2,64,2,3,3,7,2,6,2,27,2,3,2,4,2,0,4,6,2,339,3,24,2,24,2,30,2,24,2,30,2,24,2,30

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,2,24,2,30,2,24,2,7,2357,44,11,6,17,0,370,43,1301,196,60,67,8,0,1205,3,2,26,2,1,2,0,3,0,2,9,2,3,2,0,2,0,7,0,5,0,2,0,2
,0,2,2,2,1,2,0,3,0,2,0,2,0,2,0,2,1,2,0,3,3,2,6,2,3,2,3,2,0,2,9,2,16,6,2,2,4,2,16,4421,42717,35,4148,12,221,3,5761,
15,7472,3104,541,1507,4938],A=[509,0,227,0,150,4,294,9,1368,2,2,1,6,3,41,2,5,0,166,1,574,3,9,9,370,1,154,10,17
6,2,54,14,32,9,16,3,46,10,54,9,7,2,37,13,2,9,6,1,45,0,13,2,49,13,9,3,2,11,83,11,7,0,161,11,6,9,7,3,56,1,2,6,3,1,3,2,1
0,0,11,1,3,6,4,4,193,17,10,9,5,0,82,19,13,9,214,6,3,8,28,1,83,16,16,9,82,12,9,9,84,14,5,9,243,14,166,9,71,5,2,1,3,3,
2,0,2,1,13,9,120,6,3,6,4,0,29,9,41,6,2,3,9,0,10,10,47,15,406,7,2,7,17,9,57,21,2,13,123,5,4,0,2,1,2,6,2,0,9,9,49,4,2,1,
2,4,9,9,330,3,19306,9,135,4,60,6,26,9,1014,0,2,54,8,3,82,0,12,1,19628,1,5319,4,4,5,9,7,3,6,31,3,149,2,1418,49,513,
54,5,49,9,0,15,0,23,4,2,14,1361,6,2,16,3,6,2,1,2,4,262,6,10,9,419,13,1495,6,110,6,6,9,4759,9,787719,239];function
w(e,t){let r=65536;for(let
n=0,i=t.length;n<i;n+=2){if(r+=t[n],r>e)return!1;if(r+=t[n+1],r>=e)return!0}return!1}function O(e){return
e<65?36===e:e<=90||(e<97?95===e:e<=122||(e<=65535?e>=170&&E.test(String.fromCharCode(e)):w(e,v)))}funct
ion I(e){return
e<48?36===e:e<58!|(e<65)&&(e<=90||(e<97?95===e:e<=122||(e<=65535?e>=170&&P.test(String.fromCharCode
(e)):w(e,v)||w(e,A)))))}const
C=["implements","interface","let","package","private","protected","public","static","yield"],N=["eval","arguments"]
,k=new
Set(["break","case","catch","continue","debugger","default","do","else","finally","for","function","if","return","swit
ch","throw","try","var","const","while","with","new","this","super","class","extends","export","import","null","true"
,"false","in","instanceof","typeof","void","delete"]),D=new Set(C),_=new Set(N);function L(e,t){return
t&&"await"===e||"enum"===e}function M(e,t){return L(e,t)||D.has(e)}function j(e){return _.has(e)}function
F(e,t){return M(e,t)||j(e)}function R(e){return k.has(e)}const B=/^in(stanceof)?$/;const U=new
Set(["_","any","bool","boolean","empty","extends","false","interface","mixed","null","number","static","string","tru
e","typeof","void"]),V=Object.freeze({AmbiguousConditionalArrow:"Ambiguous expression: wrap the arrow
functions in parentheses to disambiguate.",AmbiguousDeclareModuleKind:"Found both `declare module.exports`
and `declare export` in the same module. Modules can only have 1 since they are either an ES module or they are a
CommonJS module",AssignReservedType:"Cannot overwrite reserved type %0",DeclareClassElement:"The
`declare` modifier can only appear on class fields.",DeclareClassFieldInitializer:"Initializers are not allowed in fields
with the `declare` modifier.",DuplicateDeclareModuleExports:"Duplicate `declare module.exports`
statement",EnumBooleanMemberNotInitialized:"Boolean enum members need to be initialized. Use either `%0 =
true,` or `%0 = false,` in enum `%1`.",EnumDuplicateMemberName:"Enum member names need to be unique, but
the name `%0` has already been used before in enum `%1`.",EnumInconsistentMemberValues:"Enum `%0` has
inconsistent member initializers. Either use no initializers, or consistently use literals (either booleans, numbers, or
strings) for all member initializers.",EnumInvalidExplicitType:"Enum type `%1` is not valid. Use one of `boolean`,
`number`, `string`, or `symbol` in enum `%0`.",EnumInvalidExplicitTypeUnknownSupplied:"Supplied enum type is
not valid. Use one of `boolean`, `number`, `string`, or `symbol` in enum
`%0`.",EnumInvalidMemberInitializerPrimaryType:"Enum `%0` has type `%2`, so the initializer of `%1` needs to
be a %2 literal.",EnumInvalidMemberInitializerSymbolType:"Symbol enum members cannot be initialized. Use
`%1,` in enum `%0`.",EnumInvalidMemberInitializerUnknownType:"The enum member initializer for `%1` needs
to be a literal (either a boolean, number, or string) in enum `%0`.",EnumInvalidMemberName:"Enum member
names cannot start with lowercase 'a' through 'z'. Instead of using `%0`, consider using `%1`, in enum
`%2`.",EnumNumberMemberNotInitialized:"Number enum members need to be initialized, e.g. `%1 = 1` in enum
`%0`.",EnumStringMemberInconsistentlyInitailized:"String enum members need to consistently either all use
initializers, or use no initializers, in enum `%0`.",ImportTypeShorthandOnlyInPureImport:"The `type` and `typeof`
keywords on named imports can only be used on regular `import` statements. It cannot be used with `import type` or
`import typeof` statements",InexactInsideExact:"Explicit inexact syntax cannot appear inside an explicit exact object
type",InexactInsideNonObject:"Explicit inexact syntax cannot appear in class or interface
definitions",InexactVariance:"Explicit inexact syntax cannot have
variance",InvalidNonTypeImportInDeclareModule:"Imports within a `declare module` body must always be `import

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type` or `import typeof`,MissingTypeParamDefault:"Type parameter declaration needs a default, since a preceding
type parameter declaration has a default.",NestedDeclareModule:"`declare module` cannot be used inside another
`declare module`",NestedFlowComment:"Cannot have a flow comment inside another flow
comment",OptionalBindingPattern:"A binding pattern parameter cannot be optional in an implementation
signature.",SpreadVariance:"Spread properties cannot have variance",TypeBeforeInitializer:"Type annotations must
come before default assignments, e.g. instead of `age = 25: number` use `age: number =
25`",TypeCastInPattern:"The type cast expression is expected to be wrapped with
parenthesis",UnexpectedExplicitInexactInObject:"Explicit inexact syntax must appear at the end of an inexact
object",UnexpectedReservedType:"Unexpected reserved type %0",UnexpectedReservedUnderscore:"`_` is only
allowed as a type argument to call or new",UnexpectedSpaceBetweenModuloChecks:"Spaces between `%` and
`checks` are not allowed here.",UnexpectedSpreadType:"Spread operator cannot appear in class or interface
definitions",UnexpectedSubtractionOperand:Unexpected token, expected "number" or
"bigint",UnexpectedTokenAfterTypeParameter:"Expected an arrow function after this type parameter
declaration",UnexpectedTypeParameterBeforeAsyncArrowFunction:"Type parameters must come after the async
keyword, e.g. instead of `

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```

z(e){return!!e&&("JSXOpeningFragment"===e.type||"JSXClosingFragment"===e.type)}function
$(e){if("JSXIdentifier"===e.type)return e.name;if("JSXNamespacedName"===e.type)return
e.namespace.name+"."+e.name.name;if("JSXMemberExpression"===e.type)return
$(e.object)+"."+$(e.property);throw new Error("Node had unexpected type: "+e.type)}g.j_oTag=new
b("<tag",!1),g.j_cTag=new b("</tag",!1),g.j_expr=new b("<tag>...</tag>",!0,!0),o.jsxName=new
n("jsxName"),o.jsxText=new n("jsxText",{beforeExpr:!0}),o.jsxTagStart=new
n("jsxTagStart",{startsExpr:!0}),o.jsxTagEnd=new
n("jsxTagEnd"),o.jsxTagStart.updateContext=function(){this.state.context.push(g.j_expr),this.state.context.push(g.j_oTag),this.state.exprAllowed=!1},o.jsxTagEnd.updateContext=function(e){const
t=this.state.context.pop();t===g.j_oTag&&e===o.slash||t===g.j_cTag?(this.state.context.pop(),this.state.exprAllowed=this.curContext()===g.j_expr):this.state.exprAllowed=!0};class Q{constructor(e){this.flags=void
0,this.var=[],this.lexical=[],this.functions=[],this.flags=e}class
Z{constructor(e,t){this.scopeStack=[],this.undefinedExports=new Map,this.undefinedPrivateNames=new
Map,this.raise=e,this.inModule=t}get inFunction(){return(2&this.currentVarScope().flags)>0}get
allowSuper(){return(16&this.currentThisScope().flags)>0}get
allowDirectSuper(){return(32&this.currentThisScope().flags)>0}get
inClass(){return(64&this.currentThisScope().flags)>0}get
inNonArrowFunction(){return(2&this.currentThisScope().flags)>0}get treatFunctionsAsVar(){return
this.treatFunctionsAsVarInScope(this.currentScope())}createScope(e){return new
Q(e)}enter(e){this.scopeStack.push(this.createScope(e))}exit(){this.scopeStack.pop()}treatFunctionsAsVarInScope(
e){return!!(2&e.flags||!this.inModule&&1&e.flags)}declareName(e,t,r){let
n=this.currentScope();if(8&t||16&t)this.checkRedeclarationInScope(n,e,t,r),16&t?n.functions.push(e):n.lexical.push(
e),8&t&&this.maybeExportDefined(n,e);else if(4&t)for(let i=this.scopeStack.length-
1;i>=0&&(n=this.scopeStack[i],this.checkRedeclarationInScope(n,e,t,r),n.var.push(e),this.maybeExportDefined(n,e)
,!!(131&n.flags));--
i);this.inModule&&1&n.flags&&this.undefinedExports.delete(e)}maybeExportDefined(e,t){this.inModule&&1&e.f
lags&&this.undefinedExports.delete(t)}checkRedeclarationInScope(e,t,r,n){this.isRedeclaredInScope(e,t,r)&&this.r
aise(n,y.VarRedeclaration,t)}isRedeclaredInScope(e,t,r){return!!(1&r)&&(8&r?e.lexical.indexOf(t)>-
1||e.functions.indexOf(t)>-1||e.var.indexOf(t)>-1:16&r?e.lexical.indexOf(t)>-
1||!this.treatFunctionsAsVarInScope(e)&&e.var.indexOf(t)>-1:e.lexical.indexOf(t)>-
1&&!(8&e.flags&&e.lexical[0]===t)||!this.treatFunctionsAsVarInScope(e)&&e.functions.indexOf(t)>-
1)}checkLocalExport(e){-1===this.scopeStack[0].lexical.indexOf(e.name)&&-
1===this.scopeStack[0].var.indexOf(e.name)&&-
1===this.scopeStack[0].functions.indexOf(e.name)&&this.undefinedExports.set(e.name,e.start)}currentScope(){ret
urn this.scopeStack[this.scopeStack.length-1]}currentVarScope(){for(let e=this.scopeStack.length-1;;e--){const
t=this.scopeStack[e];if(131&t.flags)return t}}currentThisScope(){for(let e=this.scopeStack.length-1;;e--){const
t=this.scopeStack[e];if((131&t.flags||64&t.flags)&&!(4&t.flags))return t}}class ee extends
Q{constructor(...e){super(...e),this.types=[],this.enums=[],this.constEnums=[],this.classes=[],this.exportOnlyBindin
gs=[]}class te extends Z{createScope(e){return new ee(e)}declareName(e,t,r){const
n=this.currentScope();if(1024&t)return this.maybeExportDefined(n,e),void
n.exportOnlyBindings.push(e);super.declareName(...arguments),2&t&&(1&t||!(this.checkRedeclarationInScope(n,e,t
,r),this.maybeExportDefined(n,e)),n.types.push(e)),256&t&&n.enums.push(e),512&t&&n.constEnums.push(e),128
&t&&n.classes.push(e)}isRedeclaredInScope(e,t,r){if(e.enums.indexOf(t)>-
1){if(256&r){return!!(512&r)!==e.constEnums.indexOf(t)>-1}return!0}return 128&r&&e.classes.indexOf(t)>-
1?e.lexical.indexOf(t)>-1&&!(1&r):!(2&r&&e.types.indexOf(t)>-
1)||super.isRedeclaredInScope(...arguments)}checkLocalExport(e){-
1===this.scopeStack[0].types.indexOf(e.name)&&-
1===this.scopeStack[0].exportOnlyBindings.indexOf(e.name)&&super.checkLocalExport(e)}class

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re{ constructor(){ this.stacks=[] }enter(e){ this.stacks.push(e) }exit(){ this.stacks.pop() }currentFlags(){ return
this.stacks[this.stacks.length-1] }get hasAwait(){ return(2&this.currentFlags())>0 }get
hasYield(){ return(1&this.currentFlags())>0 }get hasReturn(){ return(4&this.currentFlags())>0 }get
hasIn(){ return(8&this.currentFlags())>0 } }function ne(e,t){ return(e?2:0)|(t?1:0) }function ie(e){ if(null===e)throw new
Error(` Unexpected ${e} value.`);return e }function se(e){ if(!e)throw new Error("Assert fail") }const
ae=Object.freeze({ ClassMethodHasDeclare:"Class methods cannot have the 'declare'
modifier",ClassMethodHasReadOnly:"Class methods cannot have the 'readonly'
modifier",ConstructorHasTypeParameters:"Type parameters cannot appear on a constructor
declaration.",DeclareClassFieldHasInitializer:"Initializers are not allowed in ambient
contexts.",DeclareFunctionHasImplementation:"An implementation cannot be declared in ambient
contexts.",DuplicateModifier:"Duplicate modifier: '%0'",EmptyHeritageClauseType:"'%0' list cannot be
empty.",EmptyTypeArguments:"Type argument list cannot be empty.",EmptyTypeParameters:"Type parameter list
cannot be empty.",IndexSignatureHasAbstract:"Index signatures cannot have the 'abstract'
modifier",IndexSignatureHasAccessibility:"Index signatures cannot have an accessibility modifier
('%0')",IndexSignatureHasStatic:"Index signatures cannot have the 'static'
modifier",IndexSignatureHasDeclare:"Index signatures cannot have the 'declare'
modifier",InvalidTupleMemberLabel:"Tuple members must be labeled with a simple
identifier.",MixedLabeledAndUnlabeledElements:"Tuple members must all have names or all not have
names.",OptionalTypeBeforeRequired:"A required element cannot follow an optional
element.",PatternIsOptional:"A binding pattern parameter cannot be optional in an implementation
signature.",PrivateElementHasAbstract:"Private elements cannot have the 'abstract'
modifier.",PrivateElementHasAccessibility:"Private elements cannot have an accessibility modifier
('%0')",TypeAnnotationAfterAssign:"Type annotations must come before default assignments, e.g. instead of `age =
25: number` use `age: number = 25`",UnexpectedParameterModifier:"A parameter property is only allowed in a
constructor implementation.",UnexpectedReadOnly:"readonly' type modifier is only permitted on array and tuple
literal types.",UnexpectedTypeAnnotation:"Did not expect a type annotation
here.",UnexpectedTypeCastInParameter:"Unexpected type cast in parameter
position.",UnsupportedImportTypeArgument:"Argument in a type import must be a string
literal",UnsupportedParameterPropertyKind:"A parameter property may not be declared using a binding
pattern.",UnsupportedSignatureParameterKind:"Name in a signature must be an Identifier, ObjectPattern or
ArrayPattern, instead got %0"});o.placeholder=new n("%%",{ startsExpr:!0});function oe(e,t){ return
e.some(e=>Array.isArray(e)?e[0]===t:e===t) }function le(e,t,r){ const
n=e.find(e=>Array.isArray(e)?e[0]===t:e===t);return n&&Array.isArray(n)?n[1][r]:null }const
ce=["minimal","smart","fsharp"],pe=["hash","bar"];const ue={ estree:e=>class extends
e{ estreeParseRegExpLiteral({ pattern:e,flags:t}{ let r=null;try{ r=new RegExp(e,t) }catch(e){ const
n=this.estreeParseLiteral(r);return n.regex={ pattern:e,flags:t },n }estreeParseBigIntLiteral(e){ const
t="undefined"!==typeof BigInt?BigInt(e):null,r=this.estreeParseLiteral(t);return
r.bigint=String(r.value|e),r }estreeParseDecimalLiteral(e){ const t=this.estreeParseLiteral(null);return
t.decimal=String(t.value|e),t }estreeParseLiteral(e){ return this.parseLiteral(e,"Literal") }directiveToStmt(e){ const
t=e.value,r=this.startNodeAt(e.start,e.loc.start),n=this.startNodeAt(t.start,t.loc.start);return
n.value=t.value,n.raw=t.extra.raw,r.expression=this.finishNodeAt(n,"Literal",t.end,t.loc.end),r.directive=t.extra.raw.
slice(1,-
1),this.finishNodeAt(r,"ExpressionStatement",e.end,e.loc.end) }initFunction(e,t){ super.initFunction(e,t),e.expression
=!1 }checkDeclaration(e){ T(e)?this.checkDeclaration(e.value):super.checkDeclaration(e) }getObjectOrClassMethod
Params(e){ return
e.value.params }checkLVal(e,t=64,r,n,i){ switch(e.type){ case"ObjectPattern":e.properties.forEach(e=>{ this.checkLVal
("Property"===e.type?e.value:e,t,r,"object destructuring
pattern",i)});break;default:super.checkLVal(e,t,r,n,i) } }checkProto(e,t,r,n){ e.method||super.checkProto(e,t,r,n) }isVali

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dDirective(e){ var t;return"ExpressionStatement"===e.type&&"Literal"===e.expression.type&&"string"===typeof
e.expression.value&&!(null==(t=e.expression.extra)?void 0:t.parenthesized)}stmtToDirective(e){const
t=super.stmtToDirective(e),r=e.expression.value;return
t.value.value=r,t}parseBlockBody(e,t,r,n){super.parseBlockBody(e,t,r,n);const
i=e.directives.map(e=>this.directiveToStmnt(e));e.body=i.concat(e.body),delete
e.directives}pushClassMethod(e,t,r,n,i,s){this.parseMethod(t,r,n,i,s,"ClassMethod",!0),t.typeParameters&&(t.value.t
ypeParameters=t.typeParameters,delete
t.typeParameters),e.body.push(t)}parseExprAtom(e){switch(this.state.type){case o.num:case o.string:return
this.estreeParseLiteral(this.state.value);case o.regex:return this.estreeParseRegExpLiteral(this.state.value);case
o.bigint:return this.estreeParseBigIntLiteral(this.state.value);case o.decimal:return
this.estreeParseDecimalLiteral(this.state.value);case o._null:return this.estreeParseLiteral(null);case o._true:return
this.estreeParseLiteral(!0);case o._false:return this.estreeParseLiteral(!1);default:return
super.parseExprAtom(e)}parseLiteral(e,t,r,n){const i=super.parseLiteral(e,t,r,n);return i.raw=i.extra.raw,delete
i.extra,i}parseFunctionBody(e,t,r=!1){super.parseFunctionBody(e,t,r),e.expression="BlockStatement"!==e.body.typ
e}parseMethod(e,t,r,n,i,s,a=!1){let o=this.startNode();return
o.kind=e.kind,o=super.parseMethod(o,t,r,n,i,s,a),o.type="FunctionExpression",delete
o.kind,e.value=o,s="ClassMethod"===s?"MethodDefinition":s,this.finishNode(e,s)}parseObjectMethod(e,t,r,n,i){co
nst s=super.parseObjectMethod(e,t,r,n,i);return
s&&(s.type="Property","method"===s.kind&&(s.kind="init"),s.shorthand=!1),s}parseObjectProperty(e,t,r,n,i){cons
t s=super.parseObjectProperty(e,t,r,n,i);return s&&(s.kind="init",s.type="Property"),s}toAssignable(e){return
T(e)?(this.toAssignable(e.value),e):super.toAssignable(e)}toAssignableObjectExpressionProp(e,t){if("get"===e.kin
d||"set"===e.kind)throw this.raise(e.key.start,y.PatternHasAccessor);if(e.method)throw
this.raise(e.key.start,y.PatternHasMethod);super.toAssignableObjectExpressionProp(e,t)}finishCallExpression(e,t){r
eturn
super.finishCallExpression(e,t),"Import"===e.callee.type&&(e.type="ImportExpression",e.source=e.arguments[0],d
elete e.arguments,delete
e.callee,e)}toReferencedArguments(e){"ImportExpression"!==e.type&&super.toReferencedArguments(e)}parseEx
port(e){switch(super.parseExport(e),e.type){case"ExportAllDeclaration":e.exported=null;break;case"ExportNamed
Declaration":1===e.specifiers.length&&"ExportNamespaceSpecifier"===e.specifiers[0].type&&(e.type="ExportAll
Declaration",e.exported=e.specifiers[0].exported,delete e.specifiers)}return e}parseSubscript(e,t,r,n,i){const
s=super.parseSubscript(e,t,r,n,i);if(i.optionalChainMember){if("OptionalMemberExpression"!==s.type&&"Optional
CallExpression"!==s.type||s.type=s.type.substring(8),i.stop){const e=this.startNodeAtNode(s);return
e.expression=s,this.finishNode(e,"ChainExpression")}else"MemberExpression"!==s.type&&"CallExpression"!==s
.type||s.optional=!1;return s}},jsx:e=>class extends e{jsxReadToken(){let
e="",t=this.state.pos;for(;;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,G.UnterminatedJsxCContent);const r=this.input.charCodeAtAt(this.state.pos);switch(r){case
60:case 123:return
this.state.pos===this.state.start?60===r&&this.state.exprAllowed?(++this.state.pos,this.finishToken(o.jsxTagStart))
:super.getTokenFromCode(r):(e+=this.input.slice(t,this.state.pos),this.finishToken(o.jsxText,e));case
38:e+=this.input.slice(t,this.state.pos),e+=this.jsxReadEntity(),t=this.state.pos;break;default:p(r)?(e+=this.input.slice
(t,this.state.pos),e+=this.jsxReadNewLine(!0),t=this.state.pos):++this.state.pos}}jsxReadNewLine(e){const
t=this.input.charCodeAtAt(this.state.pos);let
r;return++this.state.pos,13===t&&10===this.input.charCodeAtAt(this.state.pos)?(++this.state.pos,r=e?"\n":"\r\n"):r=S
tring.fromCharCode(t),++this.state.curLine,this.state.lineStart=this.state.pos,r}jsxReadString(e){let
t="",r=++this.state.pos;for(;;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,y.UnterminatedString);const
n=this.input.charCodeAtAt(this.state.pos);if(n===e)break;38===n?(t+=this.input.slice(r,this.state.pos),t+=this.jsxRead
Entity(),r=this.state.pos):p(n)?(t+=this.input.slice(r,this.state.pos),t+=this.jsxReadNewLine(!1),r=this.state.pos):++th

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is.state.pos }return t+=this.input.slice(r,this.state.pos++),this.finishToken(o.string,t)}jsxReadEntity(){let
e,t="",r=0,n=this.input[this.state.pos];const
i=++this.state.pos;for(;this.state.pos<this.length&&r++<10;){if(n=this.input[this.state.pos++],;"===n){#"===t[0]?
"x"===t[1]?(t=t.substr(2),J.test(t)&&(e=String.fromCharCode(parseInt(t,16)))):(t=t.substr(1),H.test(t)&&(e=String.
fromCharCode(parseInt(t,10)))):e=X[t];break }t+=n }return e||(this.state.pos=i,"&")}jsxReadWord(){let e;const
t=this.state.pos;do{e=this.input.charCodeAt(++this.state.pos)}while(I(e)||45===e);return
this.finishToken(o.jsxName,this.input.slice(t,this.state.pos))}jsxParseIdentifier(){const e=this.startNode();return
this.match(o.jsxName)?e.name=this.state.value:this.state.type.keyword?e.name=this.state.type.keyword:this.unexpe
cted(),this.next(),this.finishNode(e,"JSXIdentifier")}jsxParseNamespacedName(){const
e=this.state.start,t=this.state.startLoc,r=this.jsxParseIdentifier();if(!this.eat(o.colon))return r;const
n=this.startNodeAt(e,t);return
n.namespace=r,n.name=this.jsxParseIdentifier(),this.finishNode(n,"JSXNamespacedName")}jsxParseElementName
(){const e=this.state.start,t=this.state.startLoc;let
r=this.jsxParseNamespacedName();if("JSXNamespacedName"===r.type)return r;for(;this.eat(o.dot);){const
n=this.startNodeAt(e,t);n.object=r,n.property=this.jsxParseIdentifier(),r=this.finishNode(n,"JSXMemberExpression"
)}return r}jsxParseAttributeValue(){let e;switch(this.state.type){case o.braceL:return
e=this.startNode(),this.next(),e=this.jsxParseExpressionContainer(e),"JSXEmptyExpression"===e.expression.type&
&this.raise(e.start,G.AttributeIsEmpty),e;case o.jsxTagStart:case o.string:return this.parseExprAtom();default:throw
this.raise(this.state.start,G.UnsupportedJsxValue)} }jsxParseEmptyExpression(){const
e=this.startNodeAt(this.state.lastTokEnd,this.state.lastTokEndLoc);return
this.finishNodeAt(e,"JSXEmptyExpression",this.state.start,this.state.startLoc)}jsxParseSpreadChild(e){return
this.next(),e.expression=this.parseExpression(),this.expect(o.braceR),this.finishNode(e,"JSXSpreadChild")}jsxParse
ExpressionContainer(e){return
this.match(o.braceR)?e.expression=this.jsxParseEmptyExpression():e.expression=this.parseExpression(),this.expect(
o.braceR),this.finishNode(e,"JSXExpressionContainer")}jsxParseAttribute(){const e=this.startNode();return
this.eat(o.braceL)?(this.expect(o.ellipsis),e.argument=this.parseMaybeAssignAllowIn(),this.expect(o.braceR),this.fi
nishNode(e,"JSXSpreadAttribute")):(e.name=this.jsxParseNamespacedName(),e.value=this.eat(o.eq)?this.jsxParseA
ttributeValue():null,this.finishNode(e,"JSXAttribute"))}jsxParseOpeningElementAt(e,t){const
r=this.startNodeAt(e,t);return
this.match(o.jsxTagEnd)?(this.expect(o.jsxTagEnd),this.finishNode(r,"JSXOpeningFragment")):(r.name=this.jsxPar
seElementName(),this.jsxParseOpeningElementAfterName(r))}jsxParseOpeningElementAfterName(e){const
t=[];for(;!this.match(o.slash)&&!this.match(o.jsxTagEnd);)t.push(this.jsxParseAttribute());return
e.attributes=t,e.selfClosing=this.eat(o.slash),this.expect(o.jsxTagEnd),this.finishNode(e,"JSXOpeningElement")}jsx
ParseClosingElementAt(e,t){const r=this.startNodeAt(e,t);return
this.match(o.jsxTagEnd)?(this.expect(o.jsxTagEnd),this.finishNode(r,"JSXClosingFragment")):(r.name=this.jsxPar
seElementName(),this.expect(o.jsxTagEnd),this.finishNode(r,"JSXClosingElement"))}jsxParseElementAt(e,t){const
r=this.startNodeAt(e,t),n=[],i=this.jsxParseOpeningElementAt(e,t);let
s=null;if(!i.selfClosing){e:for(;;)switch(this.state.type){case
o.jsxTagStart:if(e=this.state.start,t=this.state.startLoc,this.next(),this.eat(o.slash)){s=this.jsxParseClosingElementAt(
e,t);break e }n.push(this.jsxParseElementAt(e,t));break;case o.jsxText:n.push(this.parseExprAtom());break;case
o.braceL:{const
e=this.startNode();this.next(),this.match(o.ellipsis)?n.push(this.jsxParseSpreadChild(e)):n.push(this.jsxParseExpress
ionContainer(e));break }default:throw
this.unexpected()}z(i)&&!z(s)?this.raise(s.start,G.MissingClosingTagFragment):!z(i)&&z(s)?this.raise(s.start,G.Mis
singClosingTagElement,$(i.name)):z(i)||z(s)||$(s.name)!==$(i.name)&&this.raise(s.start,G.MissingClosingTagElem
ent,$(i.name))}if(z(i)?(r.openingFragment=i,r.closingFragment=s):(r.openingElement=i,r.closingElement=s),r.childr
en=n,this.isRelational("<"))throw this.raise(this.state.start,G.UnwrappedAdjacentJSXElements);return
z(i)?this.finishNode(r,"JSXFragment"):this.finishNode(r,"JSXElement")}jsxParseElement(){const

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e=this.state.start,t=this.state.startLoc;return this.next(),this.jsxParseElementAt(e,t)}parseExprAtom(e){return
this.match(o.jsxText)?this.parseLiteral(this.state.value,"JSXText"):this.match(o.jsxTagStart)?this.jsxParseElement
:this.isRelational("<")&&33!==(this.input.charCodeAtAt(this.state.pos)?(this.finishToken(o.jsxTagStart),this.jsxParseE
lement()):super.parseExprAtom(e)}getTokenFromCode(e){if(this.state.inPropertyName)return
super.getTokenFromCode(e);const t=this.curContext();if(t===g.j_expr)return
this.jsxReadToken();if(t===g.j_oTag||t===g.j_cTag){if(O(e))return
this.jsxReadWord();if(62===e)return++this.state.pos,this.finishToken(o.jsxTagEnd);if((34===e||39===e)&&t===g.
j_oTag)return this.jsxReadString(e)}return
60===e&&this.state.exprAllowed&&33!==(this.input.charCodeAtAt(this.state.pos+1)?(++this.state.pos,this.finishToker
n(o.jsxTagStart)):super.getTokenFromCode(e)}updateContext(e){if(this.match(o.braceL)){const
t=this.curContext();t===g.j_oTag?this.state.context.push(g.braceExpression):t===g.j_expr?this.state.context.push(g.
templateQuasi):super.updateContext(e),this.state.exprAllowed=!0}else{if(!this.match(o.slash)||e!==o.jsxTagStart)ret
urn super.updateContext(e);this.state.context.length-
=2,this.state.context.push(g.j_cTag),this.state.exprAllowed=!1}}},flow:e=>class extends
e{constructor(e,t){super(e,t),this.flowPragma=void 0,this.flowPragma=void 0}shouldParseTypes(){return
this.getPluginOption("flow","all")||"flow"===this.flowPragma}shouldParseEnums(){return!!this.getPluginOption("f
low","enums")}finishToken(e,t){return e!==o.string&&e!==o.semi&&e!==o.interpreterDirective&&void
0===this.flowPragma&&(this.flowPragma=null),super.finishToken(e,t)}addComment(e){if(void
0===this.flowPragma){const
t=W.exec(e.value);if(t)if("flow"===t[1])this.flowPragma="flow";else{if("noflow"!==t[1])throw new
Error("Unexpected flow pragma");this.flowPragma="noflow"}else;}return
super.addComment(e)}flowParseTypeInitialiser(e){const
t=this.state.inType;this.state.inType=!0,this.expect(e||o.colon);const r=this.flowParseType();return
this.state.inType=t,r}flowParsePredicate(){const
e=this.startNode(),t=this.state.startLoc,r=this.state.start;this.expect(o.modulo);const n=this.state.startLoc;return
this.expectContextual("checks"),t.line===n.line&&t.column===n.column-
1||this.raise(r,V.UnexpectedSpaceBetweenModuloChecks),this.eat(o.parenL)?(e.value=this.parseExpression(),this.e
xpect(o.parenR),this.finishNode(e,"DeclaredPredicate")):this.finishNode(e,"InferredPredicate")}flowParseTypeAnd
PredicateInitialiser(){const e=this.state.inType;this.state.inType=!0,this.expect(o.colon);let t=null,r=null;return
this.match(o.modulo)?(this.state.inType=e,r=this.flowParsePredicate()):t=this.flowParseType(),this.state.inType=e,
this.match(o.modulo)&&(r=this.flowParsePredicate()),[t,r]}flowParseDeclareClass(e){return
this.next(),this.flowParseInterfaceish(e,!0),this.finishNode(e,"DeclareClass")}flowParseDeclareFunction(e){this.nex
t();const
t=e.id=this.parseIdentifier(),r=this.startNode(),n=this.startNode();this.isRelational("<")?r.typeParameters=this.flowP
arseTypeParameterDeclaration():r.typeParameters=null,this.expect(o.parenL);const
i=this.flowParseFunctionTypeParams();return
r.params=i.params,r.rest=i.rest,this.expect(o.parenR),[r.returnType,e.predicate]=this.flowParseTypeAndPredicateIni
tialiser(),n.typeAnnotation=this.finishNode(r,"FunctionTypeAnnotation"),t.typeAnnotation=this.finishNode(n,"Type
Annotation"),this.resetEndLocation(t),this.semicolon(),this.finishNode(e,"DeclareFunction")}flowParseDeclare(e,t)
{if(this.match(o._class))return this.flowParseDeclareClass(e);if(this.match(o._function))return
this.flowParseDeclareFunction(e);if(this.match(o._var))return
this.flowParseDeclareVariable(e);if(this.eatContextual("module"))return
this.match(o.dot)?this.flowParseDeclareModuleExports(e):(t&&this.raise(this.state.lastTokStart,V.NestedDeclareM
odule),this.flowParseDeclareModule(e));if(this.isContextual("type"))return
this.flowParseDeclareTypeAlias(e);if(this.isContextual("opaque"))return
this.flowParseDeclareOpaqueType(e);if(this.isContextual("interface"))return
this.flowParseDeclareInterface(e);if(this.match(o._export))return this.flowParseDeclareExportDeclaration(e,t);throw
this.unexpected()}flowParseDeclareVariable(e){return

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this.next(),e.id=this.flowParseTypeAnnotatableIdentifier(!0),this.scope.declareName(e.id.name,5,e.id.start),this.semicolon(),this.finishNode(e,"DeclareVariable")}flowParseDeclareModule(e){this.scope.enter(0),this.match(o.string)?e.id=this.parseExprAtom():e.id=this.parseIdentifier();const t=e.body=this.startNode(),r=t.body=[];for(this.expect(o.braceL);!this.match(o.braceR);){let e=this.startNode();this.match(o._import)?(this.next(),this.isContextual("type"))||this.match(o._typeof)||this.raise(this.state.lastTokStart,V.InvalidNonTypeImportInDeclareModule),this.parseImport(e):(this.expectContextual("declare",V.UnsupportedStatementInDeclareModule),e=this.flowParseDeclare(e,!0)),r.push(e)}this.scope.exit(),this.expect(o.braceR),this.finishNode(t,"BlockStatement");let n=null,i=!1;return r.forEach(e=>{!function(e){return"DeclareExportAllDeclaration"===e.type||"DeclareExportDeclaration"===e.type&&(!e.declaration||"TypeAlias"!==e.declaration.type&&"InterfaceDeclaration"!==e.declaration.type)}(e)?"DeclareModuleExports"===e.type&&(i&&this.raise(e.start,V.DuplicateDeclareModuleExports),"ES"===n&&this.raise(e.start,V.AmbiguousDeclareModuleKind),n="CommonJS",i=!0):("CommonJS"===n&&this.raise(e.start,V.AmbiguousDeclareModuleKind),n="ES")},e.kind=n||"CommonJS",this.finishNode(e,"DeclareModule")}flowParseDeclareExportDeclaration(e,t){if(this.expect(o._export),this.eat(o._default))return this.match(o._function)||this.match(o._class)?e.declaration=this.flowParseDeclare(this.startNode()):e.declaration=this.flowParseType(),this.semicolon(),e.default=!0,this.finishNode(e,"DeclareExportDeclaration");if(this.match(o._const)||this.isLet()||this.isContextual("type")||this.isContextual("interface"))&&!t){const e=this.state.value,t=Y[e];throw this.raise(this.state.start,V.UnsupportedDeclareExportKind,e,t)}if(this.match(o._var)||this.match(o._function)||this.match(o._class)||this.isContextual("opaque"))return e.declaration=this.flowParseDeclare(this.startNode()),e.default=!1,this.finishNode(e,"DeclareExportDeclaration");if(this.match(o._star)||this.match(o.braceL)||this.isContextual("interface")||this.isContextual("type")||this.isContextual("opaque"))return"ExportNamedDeclaration"===e.type&&(e.type="ExportDeclaration",e.default=!1,delete e.exportKind),e.type="Declare"+e.type,e;throw this.unexpected()}flowParseDeclareModuleExports(e){return this.next(),this.expectContextual("exports"),e.typeAnnotation=this.flowParseTypeAnnotation(),this.semicolon(),this.finishNode(e,"DeclareModuleExports")}flowParseDeclareTypeAlias(e){return this.next(),this.flowParseTypeAlias(e),e.type="DeclareTypeAlias",e}flowParseDeclareOpaqueType(e){return this.next(),this.flowParseOpaqueType(e,!0),e.type="DeclareOpaqueType",e}flowParseDeclareInterface(e){return this.next(),this.flowParseInterfaceish(e),this.finishNode(e,"DeclareInterface")}flowParseInterfaceish(e,t=!1){if(e.id=this.flowParseRestrictedIdentifier(!t,!0),this.scope.declareName(e.id.name,t?17:9,e.id.start),this.isRelational("<")?e.typeParameters=this.flowParseTypeParameterDeclaration():e.typeParameters=null,e.extends=[],e.implements=[],e.mixins=[],this.eat(o._extends))do{e.extends.push(this.flowParseInterfaceExtends())}while(!t&&this.eat(o.comma));if(this.isContextual("mixins")){this.next();do{e.mixins.push(this.flowParseInterfaceExtends())}while(this.eat(o.comma))}if(this.isContextual("implements")){this.next();do{e.implements.push(this.flowParseInterfaceExtends())}while(this.eat(o.comma))}e.body=this.flowParseObjectType({allowStatic:t,allowExact:!1,allowSpread:!1,allowProto:t,allowInexact:!1})}flowParseInterfaceExtends(){const e=this.startNode();return e.id=this.flowParseQualifiedTypeIdentifier(),this.isRelational("<")?e.typeParameters=this.flowParseTypeParameterInstantiation():e.typeParameters=null,this.finishNode(e,"InterfaceExtends")}flowParseInterface(e){return this.flowParseInterfaceish(e),this.finishNode(e,"InterfaceDeclaration")}checkNotUnderscore(e){"_ "===e&&this.raise(this.state.start,V.UnexpectedReservedUnderscore)}checkReservedType(e,t,r){U.has(e)&&this.raise(t,r?V.AssignReservedType:V.UnexpectedReservedType,e)}flowParseRestrictedIdentifier(e,t){return this.checkReservedType(this.state.value,this.state.start,t),this.parseIdentifier(e)}flowParseTypeAlias(e){return e.id=this.flowParseRestrictedIdentifier(!1,!0),this.scope.declareName(e.id.name,9,e.id.start),this.isRelational("<")?e.typeParameters=this.flowParseTypeParameterDeclaration():e.typeParameters=null,e.right=this.flowParseTypeInitializer(o.eq),this.semicolon(),this.finishNode(e,"TypeAlias")}flowParseOpaqueType(e,t){return this.expectContextual("type"),e.id=this.flowParseRestrictedIdentifier(!0,!0),this.scope.declareName(e.id.name,9,e.id.start),this.isRelational("<")?e.typeParameters=this.flowParseTypeParameterDeclaration():e.typeParameters=null,e.s

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upertype=null,this.match(o.colon)&&(e.supertype=this.flowParseTypeInitialiser(o.colon)),e.impltype=null,t|(e.impl
type=this.flowParseTypeInitialiser(o.eq)),this.semicolon(),this.finishNode(e,"OpaqueType")}flowParseTypeParame
ter(e=!1){const
t=this.state.start,r=this.startNode(),n=this.flowParseVariance(),i=this.flowParseTypeAnnotatableIdentifier();return
r.name=i.name,r.variance=n,r.bound=i.typeAnnotation,this.match(o.eq)?(this.eat(o.eq),r.default=this.flowParseType
()):e&&this.raise(t,V.MissingTypeParamDefault),this.finishNode(r,"TypeParameter")}flowParseTypeParameterDec
laration(){const
e=this.state.inType,t=this.startNode();t.params=[],this.state.inType=!0,this.isRelational("<")||this.match(o.jsxTagSta
rt)?this.next():this.unexpected();let r=!1;do{const
e=this.flowParseTypeParameter(r);t.params.push(e),e.default&&(r=!0),this.isRelational(">")||this.expect(o.comma)}
while(!this.isRelational(">"));return
this.expectRelational(">"),this.state.inType=e,this.finishNode(t,"TypeParameterDeclaration")}flowParseTypeParam
eterInstantiation(){const
e=this.startNode(),t=this.state.inType;e.params=[],this.state.inType=!0,this.expectRelational("<");const
r=this.state.noAnonFunctionType;for(this.state.noAnonFunctionType=!1;!this.isRelational(">");)e.params.push(this.
flowParseType()),this.isRelational(">")||this.expect(o.comma);return
this.state.noAnonFunctionType=r,this.expectRelational(">"),this.state.inType=t,this.finishNode(e,"TypeParameterIn
stantiation")}flowParseTypeParameterInstantiationCallOrNew(){const
e=this.startNode(),t=this.state.inType;for(e.params=[],this.state.inType=!0,this.expectRelational("<");!this.isRelatio
nal(">");)e.params.push(this.flowParseTypeOrImplicitInstantiation()),this.isRelational(">")||this.expect(o.comma);re
turn
this.expectRelational(">"),this.state.inType=t,this.finishNode(e,"TypeParameterInstantiation")}flowParseInterfaceT
ype(){const
e=this.startNode();if(this.expectContextual("interface"),e.extends=[],this.eat(o._extends))do{e.extends.push(this.flo
wParseInterfaceExtends())}while(this.eat(o.comma));return
e.body=this.flowParseObjectType({allowStatic:!1,allowExact:!1,allowSpread:!1,allowProto:!1,allowInexact:!1}),thi
s.finishNode(e,"InterfaceTypeAnnotation")}flowParseObjectPropertyKey(){return
this.match(o.num)||this.match(o.string)?this.parseExprAtom():this.parseIdentifier(!0)}flowParseObjectTypeIndexer(
e,t,r){return
e.static=t,this.lookahead().type===o.colon?(e.id=this.flowParseObjectPropertyKey(),e.key=this.flowParseTypeInitia
liser()):e.id=null,e.key=this.flowParseType(),this.expect(o.bracketR),e.value=this.flowParseTypeInitialiser(),e.vari
ance=r,this.finishNode(e,"ObjectTypeIndexer")}flowParseObjectTypeInternalSlot(e,t){return
e.static=t,e.id=this.flowParseObjectPropertyKey(),this.expect(o.bracketR),this.expect(o.bracketR),this.isRelational("
<")||this.match(o.parenL)?(e.method=!0,e.optional=!1,e.value=this.flowParseObjectTypeMethodish(this.startNodeA
t(e.start,e.loc.start))):(e.method=!1,this.eat(o.question)&&(e.optional=!0),e.value=this.flowParseTypeInitialiser()),th
is.finishNode(e,"ObjectTypeInternalSlot")}flowParseObjectTypeMethodish(e){for(e.params=[],e.rest=null,e.typePa
rameters=null,this.isRelational("<")&&(e.typeParameters=this.flowParseTypeParameterDeclaration()),this.expect(o.
parenL);!this.match(o.parenR)&&!this.match(o.ellipsis);)e.params.push(this.flowParseFunctionTypeParam()),this.m
atch(o.parenR)||this.expect(o.comma);return
this.eat(o.ellipsis)&&(e.rest=this.flowParseFunctionTypeParam()),this.expect(o.parenR),e.returnType=this.flowPars
eTypeInitialiser(),this.finishNode(e,"FunctionTypeAnnotation")}flowParseObjectTypeCallProperty(e,t){const
r=this.startNode();return
e.static=t,e.value=this.flowParseObjectTypeMethodish(r),this.finishNode(e,"ObjectTypeCallProperty")}flowParseO
bjectType({allowStatic:e,allowExact:t,allowSpread:r,allowProto:n,allowInexact:i}){const
s=this.state.inType;this.state.inType=!0;const a=this.startNode();let
l,c;a.callProperties=[],a.properties=[],a.indexers=[],a.internalSlots=[];let
p=!1;for(t&&this.match(o.braceBarL)?(this.expect(o.braceBarL),l=o.braceBarR,c=!0):(this.expect(o.braceL),l=o.bra
ceR,c=!1),a.exact=c;!this.match(l);){let t=!1,s=null,l=null;const

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```

u=this.startNode();if(n&&this.isContextual("proto")){const
t=this.lookahead();t.type!==(o.colon&&t.type!==(o.question&&(this.next(),s=this.state.start,e=!1))if(e&&this.isCont
extual("static")){const e=this.lookahead();e.type!==(o.colon&&t.type!==(o.question&&(this.next(),t=!0))const
d=this.flowParseVariance();if(this.eat(o.bracketL))null!=s&&this.unexpected(s),this.eat(o.bracketL)?(d&&this.unex
pected(d.start),a.internalSlots.push(this.flowParseObjectTypeInternalSlot(u,t)):a.indexers.push(this.flowParseObjec
tTypeIndexer(u,t,d));else
if(this.match(o.parenL)||this.isRelational("<"))null!=s&&this.unexpected(s),d&&this.unexpected(d.start),a.callPrope
rties.push(this.flowParseObjectTypeCallProperty(u,t));else{let
e="init";if(this.isContextual("get")||this.isContextual("set")){const
t=this.lookahead();t.type!==(o.name&&t.type!==(o.string&&t.type!==(o.num||(e=this.state.value,this.next()))const
n=this.flowParseObjectTypeProperty(u,t,s,d,e,r,null!=i?:i!c);null===n?(p=!0,l=this.state.lastTokStart):a.properties.p
ush(n)}this.flowObjectTypeSemicolon(),!||this.match(o.braceR)||this.match(o.braceBarR)||this.raise(l,V.Unexpected
ExplicitInexactInObject)}this.expect(l,r&&(a.inexact=p));const
u=this.finishNode(a,"ObjectTypeAnnotation");return
this.state.inType=s,u}flowParseObjectTypeProperty(e,t,r,n,i,s,a){if(this.eat(o.ellipsis)){return
this.match(o.comma)||this.match(o.semi)||this.match(o.braceR)||this.match(o.braceBarR)?(s?a||this.raise(this.state.las
tTokStart,V.InexactInsideExact):this.raise(this.state.lastTokStart,V.InexactInsideNonObject),n&&this.raise(n.start,
V.InexactVariance),null):(s||this.raise(this.state.lastTokStart,V.UnexpectedSpreadType),null!=r&&this.unexpected(r
),n&&this.raise(n.start,V.SpreadVariance),e.argument=this.flowParseType(),this.finishNode(e,"ObjectTypeSpreadP
roperty"))}{e.key=this.flowParseObjectPropertyKey(),e.static=t,e.proto=null!=r,e.kind=i;let s=!1;return
this.isRelational("<")||this.match(o.parenL)?(e.method=!0,null!=r&&this.unexpected(r),n&&this.unexpected(n.start
),e.value=this.flowParseObjectTypeMethodish(this.startNodeAt(e.start,e.loc.start)),"get"!==i&&"set"!==i||this.flowC
heckGetterSetterParams(e)):(("init"!==i&&this.unexpected(),e.method=!1,this.eat(o.question)&&(s=!0),e.value=this.
flowParseTypeInitialiser(),e.variance=n),e.optional=s,this.finishNode(e,"ObjectTypeProperty"))}flowCheckGetterS
etterParams(e){const
t="get"===e.kind?0:1,r=e.start;e.value.params.length+(e.value.rest?1:0)!==t&&("get"===e.kind?this.raise(r,y.BadG
etterArity):this.raise(r,y.BadSetterArity)),"set"===e.kind&&e.value.rest&&this.raise(r,y.BadSetterRestParameter)}f
lowObjectTypeSemicolon(){this.eat(o.semi)||this.eat(o.comma)||this.match(o.braceR)||this.match(o.braceBarR)||this.
unexpected()}flowParseQualifiedTypeIdentifier(e,t,r){e=e||this.state.start,t=t||this.state.startLoc;let
n=r||this.flowParseRestrictedIdentifier(!0);for(;this.eat(o.dot);){const
r=this.startNodeAt(e,t);r.qualification=n,r.id=this.flowParseRestrictedIdentifier(!0),n=this.finishNode(r,"QualifiedT
ypeIdentifier")}return n}flowParseGenericType(e,t,r){const n=this.startNodeAt(e,t);return
n.typeParameters=null,n.id=this.flowParseQualifiedTypeIdentifier(e,t,r),this.isRelational("<")&&(n.typeParameters
=this.flowParseTypeParameterInstantiation()),this.finishNode(n,"GenericTypeAnnotation")}flowParseTypeofType()
{const e=this.startNode();return
this.expect(o._typeof),e.argument=this.flowParsePrimaryType(),this.finishNode(e,"TypeofTypeAnnotation")}flowP
arseTupleType(){const
e=this.startNode();for(e.types=[],this.expect(o.bracketL);this.state.pos<this.length&&!this.match(o.bracketR)&&(e.t
ypes.push(this.flowParseType()),!this.match(o.bracketR));)this.expect(o.comma);return
this.expect(o.bracketR),this.finishNode(e,"TupleTypeAnnotation")}flowParseFunctionTypeParam(){let
e=null,t=!1,r=null;const n=this.startNode(),i=this.lookahead();return
i.type===o.colon|i.type===o.question?(e=this.parseIdentifier(),this.eat(o.question)&&(t=!0),r=this.flowParseTypeI
nitialiser()):r=this.flowParseType(),n.name=e,n.optional=t,n.typeAnnotation=r,this.finishNode(n,"FunctionTypePara
m")}reinterpretTypeAsFunctionTypeParam(e){const t=this.startNodeAt(e.start,e.loc.start);return
t.name=null,t.optional=!1,t.typeAnnotation=e,this.finishNode(t,"FunctionTypeParam")}flowParseFunctionTypePara
ms(e=[]){let
t=null;for(;!this.match(o.parenR)&&!this.match(o.ellipsis);)e.push(this.flowParseFunctionTypeParam()),this.match(
o.parenR)||this.expect(o.comma);return

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this.eat(o.ellipsis)&&(t=this.flowParseFunctionTypeParam()),{params:e,rest:t}}flowIdentToTypeAnnotation(e,t,r,n)
{switch(n.name){case"any":return this.finishNode(r,"AnyTypeAnnotation");case"bool":case"boolean":return
this.finishNode(r,"BooleanTypeAnnotation");case"mixed":return
this.finishNode(r,"MixedTypeAnnotation");case"empty":return
this.finishNode(r,"EmptyTypeAnnotation");case"number":return
this.finishNode(r,"NumberTypeAnnotation");case"string":return
this.finishNode(r,"StringTypeAnnotation");case"symbol":return
this.finishNode(r,"SymbolTypeAnnotation");default:return
this.checkNotUnderscore(n.name),this.flowParseGenericType(e,t,n)}}flowParsePrimaryType(){const
e=this.state.start,t=this.state.startLoc,r=this.startNode();let n,i,s=!1;const
a=this.state.noAnonFunctionType;switch(this.state.type){case o.name:return
this.isContextual("interface"?this.flowParseInterfaceType():this.flowIdentToTypeAnnotation(e,t,r,this.parseIdentifi
er()));case o.braceL:return
this.flowParseObjectType({allowStatic:!1,allowExact:!1,allowSpread:!0,allowProto:!1,allowInexact:!0});case
o.braceBarL:return
this.flowParseObjectType({allowStatic:!1,allowExact:!0,allowSpread:!0,allowProto:!1,allowInexact:!1});case
o.bracketL:return
this.state.noAnonFunctionType=!1,i=this.flowParseTupleType(),this.state.noAnonFunctionType=a,i;case
o.relational:if("<"===this.state.value)return
r.typeParameters=this.flowParseTypeParameterDeclaration(),this.expect(o.parenL),n=this.flowParseFunctionTypeP
arams(),r.params=n.params,r.rest=n.rest,this.expect(o.parenR),this.expect(o.arrow),r.returnType=this.flowParseType
(),this.finishNode(r,"FunctionTypeAnnotation");break;case
o.parenL:if(this.next(),!this.match(o.parenR)&&!this.match(o.ellipsis))if(this.match(o.name)){const
e=this.lookahead().type;s=e!==o.question&&e===o.colon}else
s=!0;if(s){if(this.state.noAnonFunctionType=!1,i=this.flowParseType(),this.state.noAnonFunctionType=a,this.state.
noAnonFunctionType||!(this.match(o.comma)||this.match(o.parenR)&&this.lookahead().type===o.arrow))return
this.expect(o.parenR),i;this.eat(o.comma)}return
n=i?this.flowParseFunctionTypeParams([this.reinterpretTypeAsFunctionTypeParam(i)]:this.flowParseFunctionTyp
eParams(),r.params=n.params,r.rest=n.rest,this.expect(o.parenR),this.expect(o.arrow),r.returnType=this.flowParseT
ype(),r.typeParameters=null,this.finishNode(r,"FunctionTypeAnnotation");case o.string:return
this.parseLiteral(this.state.value,"StringLiteralTypeAnnotation");case o._true:case o._false:return
r.value=this.match(o._true),this.next(),this.finishNode(r,"BooleanLiteralTypeAnnotation");case o.plusMin:if("-
"===this.state.value){if(this.next(),this.match(o.num))return this.parseLiteral(-
this.state.value,"NumberLiteralTypeAnnotation",r.start,r.loc.start);if(this.match(o.bigint))return this.parseLiteral(-
this.state.value,"BigIntLiteralTypeAnnotation",r.start,r.loc.start);throw
this.raise(this.state.start,V.UnexpectedSubtractionOperand)}throw this.unexpected();case o.num:return
this.parseLiteral(this.state.value,"NumberLiteralTypeAnnotation");case o.bigint:return
this.parseLiteral(this.state.value,"BigIntLiteralTypeAnnotation");case o._void:return
this.next(),this.finishNode(r,"VoidTypeAnnotation");case o._null:return
this.next(),this.finishNode(r,"NullLiteralTypeAnnotation");case o._this:return
this.next(),this.finishNode(r,"ThisTypeAnnotation");case o.star:return
this.next(),this.finishNode(r,"ExistsTypeAnnotation");default:if("typeof"===this.state.type.keyword)return
this.flowParseTypeofType();if(this.state.type.keyword){const e=this.state.type.label;return
this.next(),super.createIdentifier(r,e)}}throw this.unexpected()}flowParsePostfixType(){const
e=this.state.start,t=this.state.startLoc;let
r=this.flowParsePrimaryType();for(;this.match(o.bracketL)&&!this.canInsertSemicolon());{const
n=this.startNodeAt(e,t),n.elementType=r,this.expect(o.bracketL),this.expect(o.bracketR),r=this.finishNode(n,"Array
TypeAnnotation")}return r}flowParsePrefixType(){const e=this.startNode();return

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this.eat(o.question)?(e.typeAnnotation=this.flowParsePrefixType(),this.finishNode(e,"NullableTypeAnnotation")):th
is.flowParsePostfixType()flowParseAnonFunctionWithoutParens(){const
e=this.flowParsePrefixType();if(!this.state.noAnonFunctionType&&this.eat(o.arrow)){const
t=this.startNodeAt(e.start,e.loc.start);return
t.params=[this.reinterpretTypeAsFunctionTypeParam(e),t.rest=null,t.returnType=this.flowParseType(),t.typeParam
eters=null,this.finishNode(t,"FunctionTypeAnnotation")}return e}flowParseIntersectionType(){const
e=this.startNode();this.eat(o.bitwiseAND);const
t=this.flowParseAnonFunctionWithoutParens();for(e.types=[t];this.eat(o.bitwiseAND);)e.types.push(this.flowParse
AnonFunctionWithoutParens());return
1===e.types.length?t:this.finishNode(e,"IntersectionTypeAnnotation")}flowParseUnionType(){const
e=this.startNode();this.eat(o.bitwiseOR);const
t=this.flowParseIntersectionType();for(e.types=[t];this.eat(o.bitwiseOR);)e.types.push(this.flowParseIntersectionTy
pe());return 1===e.types.length?t:this.finishNode(e,"UnionTypeAnnotation")}flowParseType(){const
e=this.state.inType;this.state.inType=!0;const t=this.flowParseUnionType();return
this.state.inType=e,this.state.exprAllowed=this.state.exprAllowed||this.state.noAnonFunctionType,t}flowParseType
OrImplicitInstantiation(){if(this.state.type===o.name&&"_"===this.state.value){const
e=this.state.start,t=this.state.startLoc,r=this.parseIdentifier();return this.flowParseGenericType(e,t,r)}return
this.flowParseType()flowParseTypeAnnotation(){const e=this.startNode();return
e.typeAnnotation=this.flowParseTypeInitialiser(),this.finishNode(e,"TypeAnnotation")}flowParseTypeAnnotatableI
dentifier(e){const t=e?this.parseIdentifier():this.flowParseRestrictedIdentifier();return
this.match(o.colon)&&(t.typeAnnotation=this.flowParseTypeAnnotation(),this.resetEndLocation(t),t)}typeCastToPa
rameter(e){return
e.expression.typeAnnotation=e.typeAnnotation,this.resetEndLocation(e.expression,e.typeAnnotation.end,e.typeAnn
otation.loc.end),e.expression}flowParseVariance(){let e=null;return
this.match(o.plusMin)&&(e=this.startNode(),"+"===this.state.value?e.kind="plus":e.kind="minus",this.next(),this.fi
nishNode(e,"Variance")),e}parseFunctionBody(e,t,r=!1){return
t?this.forwardNoArrowParamsConversionAt(e,()=>super.parseFunctionBody(e,!0,r)):super.parseFunctionBody(e,!1,
r)}parseFunctionBodyAndFinish(e,t,r=!1){if(this.match(o.colon)){const
t=this.startNode();[t.typeAnnotation,e.predicate]=this.flowParseTypeAndPredicateInitialiser(),e.returnType=t.typeA
nnotation?this.finishNode(t,"TypeAnnotation"):null}super.parseFunctionBodyAndFinish(e,t,r)}parseStatement(e,t){
if(this.state.strict&&this.match(o.name)&&"interface"===this.state.value){const
e=this.lookahead();if(e.type===o.name||R(e.value)){const e=this.startNode();return
this.next(),this.flowParseInterface(e)}else if(this.shouldParseEnums()&&this.isContextual("enum")){const
e=this.startNode();return this.next(),this.flowParseEnumDeclaration(e)}const r=super.parseStatement(e,t);return
void
0!==(this.flowPragma||this.isValidDirective(r)||this.flowPragma=null),r}parseExpressionStatement(e,t){if("Identifie
r"===t.type)if("declare"===t.name){if(this.match(o._class)||this.match(o.name)||this.match(o._function)||this.match(
o._var)||this.match(o._export))return this.flowParseDeclare(e)}else
if(this.match(o.name)){if("interface"===t.name)return this.flowParseInterface(e);if("type"===t.name)return
this.flowParseTypeAlias(e);if("opaque"===t.name)return this.flowParseOpaqueType(e,!1)}return
super.parseExpressionStatement(e,t)}shouldParseExportDeclaration(){return
this.isContextual("type")||this.isContextual("interface")||this.isContextual("opaque")||this.shouldParseEnums()&&thi
s.isContextual("enum")||super.shouldParseExportDeclaration()}isExportDefaultSpecifier(){return(!this.match(o.nam
e)||("type"===this.state.value||"interface"===this.state.value||"opaque"===this.state.value||this.shouldParseEnums()
&&"enum"===this.state.value))&&super.isExportDefaultSpecifier()}parseExportDefaultExpression(){if(this.should
ParseEnums()&&this.isContextual("enum")){const e=this.startNode();return
this.next(),this.flowParseEnumDeclaration(e)}return
super.parseExportDefaultExpression()}parseConditional(e,t,r,n){if(!this.match(o.question))return e;if(n){const

```

```

i=this.tryParse(=>super.parseConditional(e,t,r));return
i.node?(i.error&&(this.state=i.failState),i.node):(n.start=i.error.pos||this.state.start,e)}this.expect(o.question);const
i=this.state.clone(),s=this.state.noArrowAt,a=this.startNodeAt(t,r);let { consequent:l,failed:c }=this.tryParseCondition
alConsequent(),[p,u]=this.getArrowLikeExpressions(l);if(c||u.length>0){ const
e=[...s];if(u.length>0){ this.state=i,this.state.noArrowAt=e;for(let
t=0;t<u.length;t++)e.push(u[t].start);({ consequent:l,failed:c }=this.tryParseConditionalConsequent(),[p,u]=this.getA
rrowLikeExpressions(l) )c&&p.length>1&&this.raise(i.start,V.AmbiguousConditionalArrow),c&&1===p.length&
&(this.state=i,this.state.noArrowAt=e.concat(p[0].start),({ consequent:l,failed:c }=this.tryParseConditionalConseque
nt()))}return
this.getArrowLikeExpressions(l,!0),this.state.noArrowAt=s,this.expect(o.colon),a.test=e,a.consequent=l,a.alternate=
this.forwardNoArrowParamsConversionAt(a,(=>this.parseMaybeAssign(void 0,void 0,void
0)),this.finishNode(a,"ConditionalExpression"))tryParseConditionalConsequent(){ this.state.noArrowParamsConver
sionAt.push(this.state.start);const e=this.parseMaybeAssignAllowIn(),t=!this.match(o.colon);return
this.state.noArrowParamsConversionAt.pop(),{ consequent:e,failed:t } }getArrowLikeExpressions(e,t){ const
r=[e],n=[];for(;0!==r.length;){ const
e=r.pop();"ArrowFunctionExpression"===e.type?(e.typeParameters||!e.returnType?this.finishArrowValidation(e):n.
push(e),r.push(e.body)):"ConditionalExpression"===e.type&&(r.push(e.consequent),r.push(e.alternate))}return
t?(n.forEach(e=>this.finishArrowValidation(e)),[n,[]]):function(e,t){ const r=[],n=[];for(let
i=0;i<e.length;i++)(t(e[i],i,e)?r:n).push(e[i]);return[r,n]}(n,e=>e.params.every(e=>this.isAssignable(e,!0)))}finishAr
rowValidation(e){ var t;this.toAssignableList(e.params,null==(t=e.extra)?void
0:t.trailingComma),this.scope.enter(6),super.checkParams(e,!1,!0),this.scope.exit()}forwardNoArrowParamsConver
sionAt(e,t){ let r;return-
1!==this.state.noArrowParamsConversionAt.indexOf(e.start)?(this.state.noArrowParamsConversionAt.push(this.stat
e.start),r=t(),this.state.noArrowParamsConversionAt.pop()):r=t(),r}parseParenItem(e,t,r){ if(e=super.parseParenItem
(e,t,r),this.eat(o.question)&&(e.optional=!0,this.resetEndLocation(e)),this.match(o.colon)){ const
n=this.startNodeAt(t,r);return
n.expression=e,n.typeAnnotation=this.flowParseTypeAnnotation(),this.finishNode(n,"TypeCastExpression")}return
e}assertModuleNodeAllowed(e){ "ImportDeclaration"===e.type&&("type"===e.importKind||"typeof"===e.import
Kind)||"ExportNamedDeclaration"===e.type&&"type"===e.exportKind||"ExportAllDeclaration"===e.type&&"type
"===e.exportKind||super.assertModuleNodeAllowed(e)}parseExport(e){ const
t=super.parseExport(e);return"ExportNamedDeclaration"!==t.type&&"ExportAllDeclaration"!==t.type||(t.exportKin
d=t.exportKind||"value"),t}parseExportDeclaration(e){ if(this.isContextual("type")){e.exportKind="type";const
t=this.startNode();return
this.next(),this.match(o.braceL)?(e.specifiers=this.parseExportSpecifiers(),this.parseExportFrom(e),null):this.flowPa
rseTypeAlias(t)}if(this.isContextual("opaque")){e.exportKind="type";const t=this.startNode();return
this.next(),this.flowParseOpaqueType(t,!1)}if(this.isContextual("interface")){e.exportKind="type";const
t=this.startNode();return
this.next(),this.flowParseInterface(t)}if(this.shouldParseEnums())&&this.isContextual("enum")){e.exportKind="valu
e";const t=this.startNode();return this.next(),this.flowParseEnumDeclaration(t)}return
super.parseExportDeclaration(e)}eatExportStar(e){ return!!super.eatExportStar(...arguments)||(!this.isContextual("t
ype")||this.lookahead().type!==o.star)&&(e.exportKind="type",this.next(),this.next(),!0)}maybeParseExportNamesp
aceSpecifier(e){ const t=this.state.start,r=super.maybeParseExportNamespaceSpecifier(e);return
r&&"type"===e.exportKind&&this.unexpected(t,r)}parseClassId(e,t,r){ super.parseClassId(e,t,r),this.isRelational("<
")&&(e.typeParameters=this.flowParseTypeParameterDeclaration())}parseClassMember(e,t,r){ const
n=this.state.start;if(this.isContextual("declare")){ if(this.parseClassMemberFromModifier(e,t))return;t.declare=!0}su
per.parseClassMember(e,t,r),t.declare&&("ClassProperty"!==t.type&&"ClassPrivateProperty"!==t.type?this.raise(n,
V.DeclareClassElement):t.value&&this.raise(t.value.start,V.DeclareClassFieldInitializer))}getTokenFromCode(e){c
onst t=this.input.charCodeAt(this.state.pos+1);return

```



```

123===e&&124===t?this.finishOp(o.braceBarL,2):!this.state.inType||62!===e&&60!===e?this.state.inType&&63===e?this.finishOp(o.question,1):function(e,t){return
64===e&&64===t}(e,t)?(this.state.isIterator=!0,super.readWord()):super.getTokenFromCode(e):this.finishOp(o.rela
tional,1)}isAssignable(e,t){switch(e.type){case"Identifier":case"ObjectPattern":case"ArrayPattern":case"Assignme
ntPattern":return!0;case"ObjectExpression":{const t=e.properties.length-1;return
e.properties.every((e,r)=>"ObjectMethod"!==e.type&&(r===t||"SpreadElement"===e.type)&&this.isAssignable(e))
}case"ObjectProperty":return this.isAssignable(e.value);case"SpreadElement":return
this.isAssignable(e.argument);case"ArrayExpression":return
e.elements.every(e=>this.isAssignable(e));case"AssignmentExpression":return"="===e.operator;case"Parenthesized
Expression":case"TypeCastExpression":return
this.isAssignable(e.expression);case"MemberExpression":case"OptionalMemberExpression":return!t;default:return!
1}}toAssignable(e){return"TypeCastExpression"===e.type?super.toAssignable(this.typeCastToParameter(e)):super.
toAssignable(e)}toAssignableList(e,t){for(let t=0;t<e.length;t++){const
r=e[t];"TypeCastExpression"===e.type?(null===r?void 0:r.type)&&(e[t]=this.typeCastToParameter(r))return
super.toAssignableList(e,t)}toReferencedList(e,t){for(let n=0;n<e.length;n++){var r;const
i=e[n];i&&"TypeCastExpression"===i.type&&!(null==(r=i.extra)?void
0:r.parenthesized)&&(e.length>1||!t)&&this.raise(i.typeAnnotation.start,V.TypeCastInParameter)}return
e}parseArrayLike(e,t,r,n){const i=super.parseArrayLike(e,t,r,n);return
t&&!this.state.maybeInArrowParameters&&this.toReferencedList(i.elements,i)}checkLVal(e,t=64,r,n){if("TypeCas
tExpression"!==e.type)return super.checkLVal(e,t,r,n)}parseClassProperty(e){return
this.match(o.colon)&&(e.typeAnnotation=this.flowParseTypeAnnotation()),super.parseClassProperty(e)}parseClass
PrivateProperty(e){return
this.match(o.colon)&&(e.typeAnnotation=this.flowParseTypeAnnotation()),super.parseClassPrivateProperty(e)}isC
lassMethod(){return this.isRelational("<")||super.isClassMethod()}isClassProperty(){return
this.match(o.colon)||super.isClassProperty()}isNonstaticConstructor(e){return!this.match(o.colon)&&super.isNonsta
ticConstructor(e)}pushClassMethod(e,t,r,n,i,s){t.variance&&this.unexpected(t.variance.start),delete
t.variance,this.isRelational("<")&&(t.typeParameters=this.flowParseTypeParameterDeclaration()),super.pushClass
Method(e,t,r,n,i,s)}pushClassPrivateMethod(e,t,r,n){t.variance&&this.unexpected(t.variance.start),delete
t.variance,this.isRelational("<")&&(t.typeParameters=this.flowParseTypeParameterDeclaration()),super.pushClassP
rivateMethod(e,t,r,n)}parseClassSuper(e){if(super.parseClassSuper(e),e.superClass&&this.isRelational("<")&&(e.s
uperTypeParameters=this.flowParseTypeParameterInstantiation()),this.isContextual("implements")){this.next();cons
t t=e.implements=[];do{const
e=this.startNode();e.id=this.flowParseRestrictedIdentifier(!0),this.isRelational("<")?e.typeParameters=this.flowPars
eTypeParameterInstantiation():e.typeParameters=null,t.push(this.finishNode(e,"ClassImplements"))}while(this.eat(o
.comma))}parsePropertyName(e,t){const r=this.flowParseVariance(),n=super.parsePropertyName(e,t);return
e.variance=r,n}parseObjPropValue(e,t,r,n,i,s,a,l){let c;e.variance&&this.unexpected(e.variance.start),delete
e.variance,this.isRelational("<")&&!a&&(c=this.flowParseTypeParameterDeclaration(),this.match(o.parenL)||this.u
nexpected()),super.parseObjPropValue(e,t,r,n,i,s,a,l),c&&((e.value||e).typeParameters=c)}parseAssignableListItemT
ypes(e){return
this.eat(o.question)&&("Identifier"!==e.type&&this.raise(e.start,V.OptionalBindingPattern),e.optional=!0),this.mat
ch(o.colon)&&(e.typeAnnotation=this.flowParseTypeAnnotation()),this.resetEndLocation(e),e}parseMaybeDefault(
e,t,r){const
n=super.parseMaybeDefault(e,t,r);return"AssignmentPattern"===n.type&&n.typeAnnotation&&n.right.start<n.type
Annotation.start&&this.raise(n.typeAnnotation.start,V.TypeBeforeInitializer),n}shouldParseDefaultImport(e){retur
n
K(e)?q(this.state):super.shouldParseDefaultImport(e)}parseImportSpecifierLocal(e,t,r,n){t.local=K(e)?this.flowPars
eRestrictedIdentifier(!0,!0):this.parseIdentifier(),this.checkLVal(t.local,9,void
0,n),e.specifiers.push(this.finishNode(t,r))}maybeParseDefaultImportSpecifier(e){e.importKind="value";let

```

```

t=null;if(this.match(o._typeof)?t="typeof":this.isContextual("type")&&(t="type"),t){ const
r=this.lookahead();"type"===t&&r.type===o.star&&this.unexpected(r.start),(q(r)||r.type===o.braceL||r.type===o.st
ar)&&(this.next(),e.importKind=t)}return
super.maybeParseDefaultImportSpecifier(e)}parseImportSpecifier(e){ const
t=this.startNode(),r=this.state.start,n=this.parseModuleExportName();let
i=null;"Identifier"===n.type&&("type"===n.name?i="type":"typeof"===n.name&&(i="typeof"));let
s=!1;if(this.isContextual("as")&&!this.isLookaheadContextual("as")){ const
e=this.parseIdentifier(!0);null===i||this.match(o.name)||this.state.type.keyword?(t.imported=n,t.importKind=null,t.lo
cal=this.parseIdentifier():(t.imported=e,t.importKind=i,t.local=e.__clone()))}else
if(null!==i&&(this.match(o.name)||this.state.type.keyword))t.imported=this.parseIdentifier(!0),t.importKind=i,this.e
atContextual("as"?t.local=this.parseIdentifier():(s=!0,t.local=t.imported.__clone());else{"StringLiteral"===n.type
})throw
this.raise(t.start,y.ImportBindingIsString,n.value);s=!0,t.imported=n,t.importKind=null,t.local=t.imported.__clone()
}const
a=K(e),l=K(t);a&&l&&this.raise(r,V.ImportTypeShorthandOnlyInPureImport),(a||l)&&this.checkReservedType(t.l
ocal.name,t.local.start,!0),!s||a||l||this.checkReservedWord(t.local.name,t.start,!0,!0),this.checkLVal(t.local,9,void
0,"import specifier"),e.specifiers.push(this.finishNode(t,"ImportSpecifier"))}parseFunctionParams(e,t){ const
r=e.kind;"get"!==r&&"set"!==r&&this.isRelational("<")&&(e.typeParameters=this.flowParseTypeParameterDeclar
ation()),super.parseFunctionParams(e,t)}parseVarId(e,t){ super.parseVarId(e,t),this.match(o.colon)&&(e.id.typeAnn
otation=this.flowParseTypeAnnotation(),this.resetEndLocation(e.id))}parseAsyncArrowFromCallExpression(e,t){ if
(this.match(o.colon)){ const
t=this.state.noAnonFunctionType;this.state.noAnonFunctionType=!0,e.returnType=this.flowParseTypeAnnotation()
,this.state.noAnonFunctionType=t}return
super.parseAsyncArrowFromCallExpression(e,t)}shouldParseAsyncArrow(){ return
this.match(o.colon)||super.shouldParseAsyncArrow()}parseMaybeAssign(e,t,r){ var n;let
i,s=null;if(this.hasPlugin("jsx")&&(this.match(o.jsxTagStart)||this.isRelational("<"))){ if(s=this.state.clone(),i=this.tr
yParse(=>super.parseMaybeAssign(e,t,r),s),!i.error)return i.node;const{ context:n}=this.state;n[n.length-
1]===g.j_oTag?n.length-=2:n[n.length-1]===g.j_expr&&(n.length-=1)}if((null==(n=i)?void
0:n.error)||this.isRelational("<")){ var a,l;let n;s=s||this.state.clone();const o=this.tryParse(i=>{ var
s;n=this.flowParseTypeParameterDeclaration();const a=this.forwardNoArrowParamsConversionAt(n,())=>{ const
i=super.parseMaybeAssign(e,t,r);return
this.resetStartLocationFromNode(i,n,i)};"ArrowFunctionExpression"!==a.type&&(null==(s=a.extra)?void
0:s.parenthesized)&&i);const o=this.maybeUnwrapTypeCastExpression(a);return
o.typeParameters=n,this.resetStartLocationFromNode(o,n,a},s);let
c=null;if(o.node&&"ArrowFunctionExpression"===this.maybeUnwrapTypeCastExpression(o.node).type){ if(!o.erro
r&&!o.aborted)return
o.node.async&&this.raise(n.start,V.UnexpectedTypeParameterBeforeAsyncArrowFunction),o.node;c=o.node}if(nul
l==(a=i)?void 0:a.node)return this.state=i.failState,i.node;if(c)return this.state=o.failState,c;if(null==(l=i)?void
0:l.thrown)throw i.error;if(o.thrown)throw o.error;throw
this.raise(n.start,V.UnexpectedTokenAfterTypeParameter)}return
super.parseMaybeAssign(e,t,r)}parseArrow(e){ if(this.match(o.colon)){ const t=this.tryParse(=>{ const
t=this.state.noAnonFunctionType;this.state.noAnonFunctionType=!0;const
r=this.startNode();return[r.typeAnnotation,e.predicate]=this.flowParseTypeAndPredicateInitialiser(),this.state.noAn
onFunctionType=t,this.canInsertSemicolon())&&this.unexpected(),this.match(o.arrow)||this.unexpected(),r});if(t.thro
wn)return
null;t.error&&(this.state=t.failState),e.returnType=t.node.typeAnnotation?this.finishNode(t.node,"TypeAnnotation")
:null}return super.parseArrow(e)}shouldParseArrow(){ return
this.match(o.colon)||super.shouldParseArrow()}setArrowFunctionParameters(e,t){ -

```

```

1 !==this.state.noArrowParamsConversionAt.indexOf(e.start)?e.params=t.super.setArrowFunctionParameters(e,t)}c
heckParams(e,t,r){if(!r|-1===this.state.noArrowParamsConversionAt.indexOf(e.start))return
super.checkParams(...arguments)}parseParenAndDistinguishExpression(e){return
super.parseParenAndDistinguishExpression(e&&-
1===this.state.noArrowAt.indexOf(this.state.start))}parseSubscripts(e,t,r,n){if("Identifier"===e.type&&"async"===
e.name&&-1!==this.state.noArrowAt.indexOf(t)){this.next();const
n=this.startNodeAt(t,r);n.callee=e,n.arguments=this.parseCallExpressionArguments(o.parenR,!1),e=this.finishNode(
n,"CallExpression")}else if("Identifier"===e.type&&"async"===e.name&&this.isRelational("<")){const
i=this.state.clone(),s=this.tryParse(e=>this.parseAsyncArrowWithTypeParameters(t,r)||e(),i);if(!s.error&&!s.aborted
)return s.node;const a=this.tryParse(()=>super.parseSubscripts(e,t,r,n),i);if(a.node&&!a.error)return
a.node;if(s.node)return this.state=s.failState,s.node;if(a.node)return this.state=a.failState,a.node;throw
s.error||a.error}return
super.parseSubscripts(e,t,r,n)}parseSubscript(e,t,r,n,i){if(this.match(o.questionDot)&&this.isLookaheadToken_It())
{if(i.optionalChainMember=!0,n)return i.stop=!0,e,this.next();const s=this.startNodeAt(t,r);return
s.callee=e,s.typeArguments=this.flowParseTypeParameterInstantiation(),this.expect(o.parenL),s.arguments=this.par
seCallExpressionArguments(o.parenR,!1),s.optional=!0,this.finishCallExpression(s,!0)}if(!n&&this.shouldParseTyp
es())&&this.isRelational("<")){const n=this.startNodeAt(t,r);n.callee=e;const
s=this.tryParse(()=>(n.typeArguments=this.flowParseTypeParameterInstantiationCallOrNew(),this.expect(o.parenL)
,n.arguments=this.parseCallExpressionArguments(o.parenR,!1),i.optionalChainMember&&(n.optional=!1),this.finis
hCallExpression(n,i.optionalChainMember)));if(s.node)return s.error&&(this.state=s.failState),s.node}return
super.parseSubscript(e,t,r,n,i)}parseNewArguments(e){let
t=null;this.shouldParseTypes()&&this.isRelational("<")&&(t=this.tryParse(()=>this.flowParseTypeParameterInstan
tiationCallOrNew()).node),e.typeArguments=t,super.parseNewArguments(e)}parseAsyncArrowWithTypeParameter
s(e,t){const r=this.startNodeAt(e,t);if(this.parseFunctionParams(r),this.parseArrow(r))return
this.parseArrowExpression(r,void 0,!0)}readToken_mult_modulo(e){const
t=this.input.charCodeAt(this.state.pos+1);if(42===e&&47===t&&this.state.hasFlowComment)return
this.state.hasFlowComment=!1,this.state.pos+=2,void
this.nextToken();super.readToken_mult_modulo(e)}readToken_pipe_amp(e){const
t=this.input.charCodeAt(this.state.pos+1);124!==(e||125!==(t?super.readToken_pipe_amp(e):this.finishOp(o.braceBar
R,2))}parseTopLevel(e,t){const r=super.parseTopLevel(e,t);return
this.state.hasFlowComment&&this.raise(this.state.pos,V.UnterminatedFlowComment),r}skipBlockComment(){if(th
is.hasPlugin("flowComments")&&this.skipFlowComment())return
this.state.hasFlowComment&&this.unexpected(null,V.NestedFlowComment),this.hasFlowCommentCompletion(),t
his.state.pos+=this.skipFlowComment(),void(this.state.hasFlowComment=!0);if(this.state.hasFlowComment){const
e=this.input.indexOf("*/",this.state.pos+=2);if(-1===e)throw this.raise(this.state.pos-
2,y.UnterminatedComment);this.state.pos=e+3}else
super.skipBlockComment()}skipFlowComment(){const{pos:e}=this.state;let
t=2;for(;[32,9].includes(this.input.charCodeAt(e+t));t++);const
r=this.input.charCodeAt(t+e),n=this.input.charCodeAt(t+e+1);return 58===r&&58===n?t+2:"flow-
include"===this.input.slice(t+e,t+e+12)?t+12:58===r&&58!==(n&&t)}hasFlowCommentCompletion(){if(-
1===this.input.indexOf("*/",this.state.pos))throw
this.raise(this.state.pos,y.UnterminatedComment)}flowEnumErrorBooleanMemberNotInitialized(e,{enumName:t,m
emberName:r}){this.raise(e,V.EnumBooleanMemberNotInitialized,r,t)}flowEnumErrorInvalidMemberName(e,{en
umName:t,memberName:r}){const
n=r[0].toUpperCase()+r.slice(1);this.raise(e,V.EnumInvalidMemberName,r,n,t)}flowEnumErrorDuplicateMemberN
ame(e,{enumName:t,memberName:r}){this.raise(e,V.EnumDuplicateMemberName,r,t)}flowEnumErrorInconsisten
tMemberValues(e,{enumName:t}){this.raise(e,V.EnumInconsistentMemberValues,t)}flowEnumErrorInvalidExplici
tType(e,{enumName:t,suppliedType:r}){return

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this.raise(e,null===r?V.EnumInvalidExplicitTypeUnknownSupplied:V.EnumInvalidExplicitType,t,r)}flowEnumErr
orInvalidMemberInitializer(e,{enumName:t,explicitType:r,memberName:n}){let
i=null;switch(r){case"boolean":case"number":case"string":i=V.EnumInvalidMemberInitializerPrimaryType;break;ca
se"symbol":i=V.EnumInvalidMemberInitializerSymbolType;break;default:i=V.EnumInvalidMemberInitializerUnk
nownType}return
this.raise(e,i,t,n,r)}flowEnumErrorNumberMemberNotInitialized(e,{enumName:t,memberName:r}){this.raise(e,V.E
numNumberMemberNotInitialized,t,r)}flowEnumErrorStringMemberInconsistentlyInitailized(e,{enumName:t}){thi
s.raise(e,V.EnumStringMemberInconsistentlyInitailized,t)}flowEnumMemberInit(){const
e=this.state.start,t=(()=>this.match(o.comma)||this.match(o.braceR));switch(this.state.type){case o.num:{const
r=this.parseLiteral(this.state.value,"NumericLiteral");return
t(){type:"number",pos:r.start,value:r}:{type:"invalid",pos:e}}case o.string:{const
r=this.parseLiteral(this.state.value,"StringLiteral");return
t(){type:"string",pos:r.start,value:r}:{type:"invalid",pos:e}}case o._true:case o._false:{const
r=this.parseBooleanLiteral();return
t(){type:"boolean",pos:r.start,value:r}:{type:"invalid",pos:e}}default:return{type:"invalid",pos:e}}flowEnumMe
mberRaw(){const
e=this.state.start;return{id:this.parseIdentifier(!),init:this.eat(o.eq)?this.flowEnumMemberInit():{type:"none",pos:e
}}}flowEnumCheckExplicitTypeMismatch(e,t,r){const{explicitType:n}=t,null!==(n&&e)!==(r&&this.flowEnumError
InvalidMemberInitializer(e,t))}flowEnumMembers({enumName:e,explicitType:t}){const r=new
Set,n={booleanMembers:[],numberMembers:[],stringMembers:[],defaultedMembers:[]};for(;!this.match(o.braceR);)
{const i=this.startNode(),{id:s,init:a}=this.flowEnumMemberRaw(),l=s.name;if(""===l)continue;/^[a-
z]/.test(l)&&this.flowEnumErrorInvalidMemberName(s.start,{enumName:e,memberName:l}),r.has(l)&&this.flowE
numErrorDuplicateMemberName(s.start,{enumName:e,memberName:l}),r.add(l);const
c={enumName:e,explicitType:t,memberName:l};switch(i.id=s,a.type){case"boolean":this.flowEnumCheckExplicit
TypeMismatch(a.pos,c,"boolean"),i.init=a.value,n.booleanMembers.push(this.finishNode(i,"EnumBooleanMember"
));break;case"number":this.flowEnumCheckExplicitTypeMismatch(a.pos,c,"number"),i.init=a.value,n.numberMemb
ers.push(this.finishNode(i,"EnumNumberMember"));break;case"string":this.flowEnumCheckExplicitTypeMismatch
(a.pos,c,"string"),i.init=a.value,n.stringMembers.push(this.finishNode(i,"EnumStringMember"));break;case"invalid"
:throw
this.flowEnumErrorInvalidMemberInitializer(a.pos,c);case"none":switch(t){case"boolean":this.flowEnumErrorBoo
leanMemberNotInitialized(a.pos,c);break;case"number":this.flowEnumErrorNumberMemberNotInitialized(a.pos,c);
break;default:n.defaultedMembers.push(this.finishNode(i,"EnumDefaultedMember"))}}this.match(o.braceR)||this.e
xpect(o.comma)}return n}flowEnumStringMembers(e,t,{enumName:r}){if(0===e.length)return
t;if(0===t.length)return e;if(t.length>e.length){for(let t=0;t<e.length;t++){const
n=e[t];this.flowEnumErrorStringMemberInconsistentlyInitailized(n.start,{enumName:r})}return t}for(let
e=0;e<t.length;e++){const
n=t[e];this.flowEnumErrorStringMemberInconsistentlyInitailized(n.start,{enumName:r})}return
e}flowEnumParseExplicitType({enumName:e}){if(this.eatContextual("of")){if(!this.match(o.name))throw
this.flowEnumErrorInvalidExplicitType(this.state.start,{enumName:e,suppliedType:null});const{value:t}=this.state;
return
this.next(),"boolean"!==t&&"number"!==t&&"string"!==t&&"symbol"!==t&&this.flowEnumErrorInvalidExplicit
Type(this.state.start,{enumName:e,suppliedType:t}),t}return
null}flowEnumBody(e,{enumName:t,nameLoc:r}){const
n=this.flowEnumParseExplicitType({enumName:t});this.expect(o.braceL);const
i=this.flowEnumMembers({enumName:t,explicitType:n});switch(n){case"boolean":return
e.explicitType=!0,e.members=i.booleanMembers,this.expect(o.braceR),this.finishNode(e,"EnumBooleanBody");cas
e"number":return
e.explicitType=!0,e.members=i.numberMembers,this.expect(o.braceR),this.finishNode(e,"EnumNumberBody");cas

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e"string":return
e.explicitType=!0,e.members=this.flowEnumStringMembers(i.stringMembers,i.defaultedMembers,{enumName:t}),
this.expect(o.braceR),this.finishNode(e,"EnumStringBody");case"symbol":return
e.members=i.defaultedMembers,this.expect(o.braceR),this.finishNode(e,"EnumSymbolBody");default:{const
n=(e=>(e.members=[],this.expect(o.braceR),this.finishNode(e,"EnumStringBody")));e.explicitType=!1;const
s=i.booleanMembers.length,a=i.numberMembers.length,l=i.stringMembers.length,c=i.defaultedMembers.length;if(s
||a||l||c){if(s||a){if(!a&&!l&&s>=c){for(let e=0,r=i.defaultedMembers;e<r.length;e++){const
n=r[e];this.flowEnumErrorBooleanMemberNotInitialized(n.start,{enumName:t,memberName:n.id.name})}return
e.members=i.booleanMembers,this.expect(o.braceR),this.finishNode(e,"EnumBooleanBody")}if(!s&&!l&&a>=c){f
or(let e=0,r=i.defaultedMembers;e<r.length;e++){const
n=r[e];this.flowEnumErrorNumberMemberNotInitialized(n.start,{enumName:t,memberName:n.id.name})}return
e.members=i.numberMembers,this.expect(o.braceR),this.finishNode(e,"EnumNumberBody")}return
this.flowEnumErrorInconsistentMemberValues(r,{enumName:t}),n()}return
e.members=this.flowEnumStringMembers(i.stringMembers,i.defaultedMembers,{enumName:t}),this.expect(o.brace
R),this.finishNode(e,"EnumStringBody")}return n()}}flowParseEnumDeclaration(e){const
t=this.parseIdentifier();return
e.id=t,e.body=this.flowEnumBody(this.startNode(),{enumName:t.name,nameLoc:t.start}),this.finishNode(e,"Enum
Declaration")}updateContext(e){this.match(o.name)&&"of"===this.state.value&&e===o.name&&"interface"===t
his.input.slice(this.state.lastTokStart,this.state.lastTokEnd)?this.state.exprAllowed=!1:super.updateContext(e)}isLoo
kaheadToken_lt(){const e=this.nextTokenStart();if(60===this.input.charCodeAt(e)){const
t=this.input.charCodeAt(e+1);return
60!==t&&61!==t}return!1}maybeUnwrapTypeCastExpression(e){return"TypeCastExpression"===e.type?e.express
ion:e}},typescript:e=>class extends e{getScopeHandler(){return te}tsIsIdentifier(){return
this.match(o.name)}tsNextTokenCanFollowModifier(){return
this.next(),!(this.hasPrecedingLineBreak()||this.match(o.parenL)||this.match(o.parenR)||this.match(o.colon)||this.matc
h(o.eq)||this.match(o.question)||this.match(o.bang))}tsParseModifier(e){if(!this.match(o.name))return;const
t=this.state.value;return-1!==e.indexOf(t)&&this.tsTryParse(this.tsNextTokenCanFollowModifier.bind(this))?t:void
0}tsParseModifiers(e,t){for(;;){const
r=this.state.start,n=this.tsParseModifier(t);if(!n)break;Object.hasOwnProperty.call(e,n)&&this.raise(r,ae.DuplicateM
odifier,n),e[n]=!0}tsIsListTerminator(e){switch(e){case"EnumMembers":case"TypeMembers":return
this.match(o.braceR);case"HeritageClauseElement":return this.match(o.braceL);case"TupleElementTypes":return
this.match(o.bracketR);case"TypeParametersOrArguments":return this.isRelational(">")}throw new
Error("Unreachable")}tsParseList(e,t){const r=[];for(;!this.tsIsListTerminator(e);)r.push(t());return
r}tsParseDelimitedList(e,t){return
ie(this.tsParseDelimitedListWorker(e,t,!0))}tsParseDelimitedListWorker(e,t,r){const
n=[];for(;!this.tsIsListTerminator(e);){const
i=t();if(null===i)return;if(n.push(i),!this.eat(o.comma)){if(this.tsIsListTerminator(e))break;return
void(r&&this.expect(o.comma))}}return
n}tsParseBracketedList(e,t,r,n){n||(r?this.expect(o.bracketL):this.expectRelational("<"));const
i=this.tsParseDelimitedList(e,t);return
r?this.expect(o.bracketR):this.expectRelational(">"),i}tsParseImportType(){const e=this.startNode();return
this.expect(o._import),this.expect(o.parenL),this.match(o.string)||this.raise(this.state.start,ae.UnsupportedImportTyp
eArgument),e.argument=this.parseExprAtom(),this.expect(o.parenR),this.eat(o.dot)&&(e.qualifier=this.tsParseEntit
yName(!0)),this.isRelational("<")&&(e.typeParameters=this.tsParseTypeArguments()),this.finishNode(e,"TSImport
Type")}tsParseEntityName(e){let t=this.parseIdentifier();for(;this.eat(o.dot);){const
r=this.startNodeAtNode(t);r.left=t,r.right=this.parseIdentifier(e),t=this.finishNode(r,"TSQualifiedName")}return
t}tsParseTypeReference(){const e=this.startNode();return
e.typeName=this.tsParseEntityName(!1),!this.hasPrecedingLineBreak()&&this.isRelational("<")&&(e.typeParamet

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ers=this.tsParseTypeArguments(),this.finishNode(e,"TSTypeReference")}tsParseThisTypePredicate(e){this.next();
const t=this.startNodeAtNode(e);return
t.parameterName=e,t.typeAnnotation=this.tsParseTypeAnnotation(!1),this.finishNode(t,"TSTypePredicate")}tsParse
ThisTypeNode(){const e=this.startNode();return
this.next(),this.finishNode(e,"TSThisType")}tsParseTypeQuery(){const e=this.startNode();return
this.expect(o._typeof),this.match(o._import)?e.exprName=this.tsParseImportType():e.exprName=this.tsParseEntity
Name(!0),this.finishNode(e,"TSTypeQuery")}tsParseTypeParameter(){const e=this.startNode();return
e.name=this.parseIdentifierName(e.start),e.constraint=this.tsEatThenParseType(o._extends),e.default=this.tsEatThe
nParseType(o.eq),this.finishNode(e,"TSTypeParameter")}tsTryParseTypeParameters(){if(this.isRelational("<"))retu
rn this.tsParseTypeParameters()}tsParseTypeParameters(){const e=this.startNode();return
this.isRelational("<")||this.match(o.jsxTagStart)?this.next():this.unexpected(),e.params=this.tsParseBracketedList("T
ypeParametersOrArguments",this.tsParseTypeParameter.bind(this),!1,!0),0===e.params.length&&this.raise(e.start,a
e.EmptyTypeParameters),this.finishNode(e,"TSTypeParameterDeclaration")}tsTryNextParseConstantContext(){ret
urn this.lookahead().type===o._const?(this.next(),this.tsParseTypeReference()):null}tsFillSignature(e,t){const
r=e===o.arrow;t.typeParameters=this.tsTryParseTypeParameters(),this.expect(o.parenL),t.parameters=this.tsParseBi
ndingListForSignature(),(r||this.match(e))&&(t.typeAnnotation=this.tsParseTypeOrTypePredicateAnnotation(e))}ts
ParseBindingListForSignature(){return
this.parseBindingList(o.parenR,41).map(e=>("Identifier"!==e.type&&"RestElement"!==e.type&&"ObjectPattern"
===e.type&&"ArrayPattern"!==e.type&&this.raise(e.start,ae.UnsupportedSignatureParameterKind,e.type),e))}tsPars
eTypeMemberSemicolon(){this.eat(o.comma)||this.semicolon()}tsParseSignatureMember(e,t){return
this.tsFillSignature(o.colon,t),this.tsParseTypeMemberSemicolon(),this.finishNode(t,e)}tsIsUnambiguouslyIndexSi
gnature(){return
this.next(),this.eat(o.name)&&this.match(o.colon)}tsTryParseIndexSignature(e){if(!this.match(o.bracketL)||!this.tsL
ookAhead(this.tsIsUnambiguouslyIndexSignature.bind(this)))return;this.expect(o.bracketL);const
t=this.parseIdentifier();t.typeAnnotation=this.tsParseTypeAnnotation(),this.resetEndLocation(t),this.expect(o.bracke
tR),e.parameters=[t];const r=this.tsTryParseTypeAnnotation();return
r&&(e.typeAnnotation=r),this.tsParseTypeMemberSemicolon(),this.finishNode(e,"TSIndexSignature")}tsParseProp
ertyOrMethodSignature(e,t){this.eat(o.question)&&(e.optional=!0);const
r=e;if(t||!this.match(o.parenL)&&!this.isRelational("<")){const e=r;t&&(e.readonly=!0);const
n=this.tsTryParseTypeAnnotation();return
n&&(e.typeAnnotation=n),this.tsParseTypeMemberSemicolon(),this.finishNode(e,"TSPropertySignature")}const
e=r;return
this.tsFillSignature(o.colon,e),this.tsParseTypeMemberSemicolon(),this.finishNode(e,"TSMethodSignature")}tsPar
seTypeMember(){const e=this.startNode();if(this.match(o.parenL)||this.isRelational("<"))return
this.tsParseSignatureMember("TSCallSignatureDeclaration",e);if(this.match(o._new)){const
t=this.startNode();return
this.next(),this.match(o.parenL)||this.isRelational("<")?this.tsParseSignatureMember("TSConstructSignatureDeclara
tion",e):(e.key=this.createIdentifier(t,"new"),this.tsParsePropertyOrMethodSignature(e,!1))}const
t=!this.tsParseModifier(["readonly"]),r=this.tsTryParseIndexSignature(e);return
r?(t&&(e.readonly=!0),r):(this.parsePropertyName(e,!1),this.tsParsePropertyOrMethodSignature(e,t))}tsParseTypeL
iteral(){const e=this.startNode();return
e.members=this.tsParseObjectTypeMembers(),this.finishNode(e,"TSTypeLiteral")}tsParseObjectTypeMembers(){t
his.expect(o.braceL);const e=this.tsParseList("TypeMembers",this.tsParseTypeMember.bind(this));return
this.expect(o.braceR),e}tsIsStartOfMappedType(){return
this.next(),this.eat(o.plusMin)?this.isContextual("readonly):(this.isContextual("readonly")&&this.next(),!!this.matc
h(o.bracketL)&&(this.next(),!!this.tsIsIdentifier())&&(this.next(),this.match(o._in))))}tsParseMappedTypeParameter
(){const e=this.startNode();return
e.name=this.parseIdentifierName(e.start),e.constraint=this.tsExpectThenParseType(o._in),this.finishNode(e,"TSTyp

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eParameter") } tsParseMappedType() { const e=this.startNode();return
this.expect(o.braceL),this.match(o.plusMin)?(e.readonly=this.state.value,this.next(),this.expectContextual("readonly
"));this.eatContextual("readonly")&&(e.readonly=!0),this.expect(o.bracketL),e.typeParameter=this.tsParseMappedT
ypeParameter(),e.nameType=this.eatContextual("as")?this.tsParseType():null,this.expect(o.bracketR),this.match(o.p
lusMin)?(e.optional=this.state.value,this.next(),this.expect(o.question)):this.eat(o.question)&&(e.optional=!0),e.type
Annotation=this.tsTryParseType(),this.semicolon(),this.expect(o.braceR),this.finishNode(e,"TSMappedType")} tsPa
rseTupleType() { const
e=this.startNode();e.elementTypes=this.tsParseBracketedList("TupleElementTypes",this.tsParseTupleElementType.
bind(this),!0,!1);let t=!1,r=null;return e.elementTypes.forEach(e=>{ var
n;let { type:i }=e;!t||"TSRestType"===i||"TSOptionalType"===i||"TSNamedTupleMember"===i&&e.optional||this.rai
se(e.start,ae.OptionalTypeBeforeRequired),t=t||"TSNamedTupleMember"===i&&e.optional||"TSOptionalType"===
i,"TSRestType"===i&&(i=(e=e.typeAnnotation).type);const
s="TSNamedTupleMember"===i;r=null!==(n=r)?n:s,r!==(s&&this.raise(e.start,ae.MixedLabeledAndUnlabeledEleme
nts)),this.finishNode(e,"TSTupleType")} tsParseTupleElementType() { const { start:e,startLoc:t }=this.state,r=this.eat(
o.ellipsis);let n=this.tsParseType();const i=this.eat(o.question);if(this.eat(o.colon)) { const
e=this.startNodeAtNode(n);e.optional=i,"TSTypeReference"!==n.type||n.typeParameters||"Identifier"!==n.typeNam
e.type?(this.raise(n.start,ae.InvalidTupleMemberLabel),e.label=n):e.label=n.typeName,e.elementType=this.tsParseT
ype(),n=this.finishNode(e,"TSNamedTupleMember")} else if(i) { const
e=this.startNodeAtNode(n);e.typeAnnotation=n,n=this.finishNode(e,"TSOptionalType")} if(r) { const
r=this.startNodeAt(e,t);r.typeAnnotation=n,n=this.finishNode(r,"TSRestType")} return
n } tsParseParenthesizedType() { const e=this.startNode();return
this.expect(o.parenL),e.typeAnnotation=this.tsParseType(),this.expect(o.parenR),this.finishNode(e,"TSParenthesize
dType")} tsParseFunctionOrConstructorType(e) { const
t=this.startNode();return "TSConstructorType"===e&&this.expect(o._new),this.tsFillSignature(o.arrow,t),this.finish
Node(t,e) } tsParseLiteralTypeNode() { const e=this.startNode();return e.literal=(()=>=>{ switch(this.state.type){ case
o.num:case o.bigint:case o.string:case o._true:case o._false:return this.parseExprAtom();default:throw
this.unexpected() })(),this.finishNode(e,"TSLiteralType")} tsParseTemplateLiteralType() { const
e=this.startNode();return
e.literal=this.parseTemplate(!1),this.finishNode(e,"TSLiteralType")} parseTemplateSubstitution() { return
this.state.inType?this.tsParseType():super.parseTemplateSubstitution() } tsParseThisTypeOrThisTypePredicate() { con
st e=this.tsParseThisTypeNode();return
this.isContextual("is")&&!this.hasPrecedingLineBreak()?this.tsParseThisTypePredicate(e):e } tsParseNonArrayType
() { switch(this.state.type){ case o.name:case o._void:case o._null: { const
e=this.match(o._void)?"TSVoidKeyword":this.match(o._null)?"TSNullKeyword":function(e){ switch(e){ case"any":r
eturn"TSAnyKeyword";case"boolean":return"TSBooleanKeyword";case"bigint":return"TSBigIntKeyword";case"ne
ver":return"TSNeverKeyword";case"number":return"TSNumberKeyword";case"object":return"TSObjectKeyword";
case"string":return"TSStringKeyword";case"symbol":return"TSSymbolKeyword";case"undefined":return"TSUndefi
nedKeyword";case"unknown":return"TSUnknownKeyword";default:return }}(this.state.value);if(void
0!==(e&&46)===this.lookaheadCharCode()) { const t=this.startNode();return this.next(),this.finishNode(t,e) } return
this.tsParseTypeReference() } case o.string:case o.num:case o.bigint:case o._true:case o._false:return
this.tsParseLiteralTypeNode();case o.plusMin:if("-"===this.state.value) { const
e=this.startNode(),t=this.lookahead();if(t.type!==o.num&&t.type!==o.bigint)throw this.unexpected();return
e.literal=this.parseMaybeUnary(),this.finishNode(e,"TSLiteralType")} break;case o._this:return
this.tsParseThisTypeOrThisTypePredicate();case o._typeof:return this.tsParseTypeQuery();case o._import:return
this.tsParseImportType();case o.braceL:return
this.tsLookAhead(this.tsIsStartOfMappedType.bind(this))?this.tsParseMappedType():this.tsParseTypeLiteral();case
o.bracketL:return this.tsParseTupleType();case o.parenL:return this.tsParseParenthesizedType();case
o.backQuote:return this.tsParseTemplateLiteralType() } throw this.unexpected() } tsParseArrayTypeOrHigher() { let

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e=this.tsParseNonArrayType();for(;!this.hasPrecedingLineBreak()&&this.eat(o.bracketL));if(this.match(o.bracketR)
){const
t=this.startNodeAtNode(e);t.elementType=e,this.expect(o.bracketR),e=this.finishNode(t,"TSArrayType")}else{cons
t
t=this.startNodeAtNode(e);t.objectType=e,t.indexType=this.tsParseType(),this.expect(o.bracketR),e=this.finishNode
e(t,"TSIndexedAccessType")}return e}tsParseTypeOperator(e){const t=this.startNode();return
this.expectContextual(e),t.operator=e,t.typeAnnotation=this.tsParseTypeOperatorOrHigher(),"readonly"===e&&thi
s.tsCheckTypeAnnotationForReadOnly(t),this.finishNode(t,"TSTypeOperator")}tsCheckTypeAnnotationForReadOnly
only(e){switch(e.typeAnnotation.type){case"TSTupleType":case"TSArrayType":return;default:this.raise(e.start,ae.U
nexpectedReadOnly)}tsParseInferType(){const e=this.startNode();this.expectContextual("infer");const
t=this.startNode();return
t.name=this.parseIdentifierName(t.start),e.typeParameter=this.finishNode(t,"TSTypeParameter"),this.finishNode(e,"
TSInferType")}tsParseTypeOperatorOrHigher(){const
e=["keyof","unique","readonly"].find(e=>this.isContextual(e));return
e?this.tsParseTypeOperator(e):this.isContextual("infer")?this.tsParseInferType():this.tsParseArrayTypeOrHigher()}t
sParseUnionOrIntersectionType(e,t,r){this.eat(r);let n=t();if(this.match(r)){const
i=[n];for(;this.eat(r);)i.push(t());const s=this.startNodeAtNode(n);s.types=i,n=this.finishNode(s,e)}return
n}tsParseIntersectionTypeOrHigher(){return
this.tsParseUnionOrIntersectionType("TSIntersectionType",this.tsParseTypeOperatorOrHigher.bind(this),o.bitwise
AND)}tsParseUnionTypeOrHigher(){return
this.tsParseUnionOrIntersectionType("TSUnionType",this.tsParseIntersectionTypeOrHigher.bind(this),o.bitwiseOR
)}tsIsStartOfFunctionType(){return!this.isRelational("<")||this.match(o.parenL)&&this.tsLookAhead(this.tsIsUnam
biguouslyStartOfFunctionType.bind(this))}tsSkipParameterStart(){if(this.match(o.name)||this.match(o._this))return
this.next(),!0;if(this.match(o.braceL)){let
e=1;for(this.next();e>0;)this.match(o.braceL)?++e:this.match(o.braceR)&&--
e,this.next();return!0}if(this.match(o.bracketL)){let
e=1;for(this.next();e>0;)this.match(o.bracketL)?++e:this.match(o.bracketR)&&--
e,this.next();return!0}return!1}tsIsUnambiguouslyStartOfFunctionType(){if(this.next(),this.match(o.parenR)||this.m
atch(o.ellipsis))return!0;if(this.tsSkipParameterStart()){if(this.match(o.colon)||this.match(o.comma)||this.match(o.qu
estion)||this.match(o.eq))return!0;if(this.match(o.parenR)&&(this.next(),this.match(o.arrow)))return!0}return!1}tsPa
rseTypeOrTypePredicateAnnotation(e){return this.tsInType(=>{const t=this.startNode();this.expect(e);const
r=!this.tsTryParse(this.tsParseTypePredicateAsserts.bind(this));if(r&&this.match(o._this)){let
e=this.tsParseThisTypeOrThisTypePredicate();if("TSThisType"===e.type){const
r=this.startNodeAtNode(t);r.parameterName=e,r.asserts=!0,e=this.finishNode(r,"TSTypePredicate")}else
e.asserts=!0;return t.typeAnnotation=e,this.finishNode(t,"TSTypeAnnotation")}const
n=this.tsIsIdentifier()&&this.tsTryParse(this.tsParseTypePredicatePrefix.bind(this));if(!n){if(!r)return
this.tsParseTypeAnnotation(!1,t);const e=this.startNodeAtNode(t);return
e.parameterName=this.parseIdentifier(),e.asserts=r,t.typeAnnotation=this.finishNode(e,"TSTypePredicate"),this.fini
shNode(t,"TSTypeAnnotation")}const i=this.tsParseTypeAnnotation(!1),s=this.startNodeAtNode(t);return
s.parameterName=n,s.typeAnnotation=i,s.asserts=r,t.typeAnnotation=this.finishNode(s,"TSTypePredicate"),this.fini
shNode(t,"TSTypeAnnotation"))}tsTryParseTypeOrTypePredicateAnnotation(){return
this.match(o.colon)?this.tsParseTypeOrTypePredicateAnnotation(o.colon):void
0}tsTryParseTypeAnnotation(){return this.match(o.colon)?this.tsParseTypeAnnotation():void
0}tsTryParseType(){return this.tsEatThenParseType(o.colon)}tsParseTypePredicatePrefix(){const
e=this.parseIdentifier();if(this.isContextual("is")&&!this.hasPrecedingLineBreak())return
this.next(),e}tsParseTypePredicateAsserts(){if(!this.match(o.name)||"asserts"!==this.state.value||this.hasPrecedingLi
neBreak())return!1;const e=this.state.containsEsc;return
this.next(),!(this.match(o.name)&&!this.match(o._this))&&(e&&this.raise(this.state.lastTokStart,y.InvalidEscaped

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ReservedWord,"asserts"),!0)}tsParseTypeAnnotation(e=!0,t=this.startNode()){return
this.tsInType(()=>{e&&this.expect(o.colon),t.typeAnnotation=this.tsParseType()}),this.finishNode(t,"TSTypeAnno
tation")}tsParseType(){se(this.state.inType);const
e=this.tsParseNonConditionalType();if(this.hasPrecedingLineBreak()||!this.eat(o._extends))return e;const
t=this.startNodeAtNode(e);return
t.checkType=e,t.extendsType=this.tsParseNonConditionalType(),this.expect(o.question),t.trueType=this.tsParseTyp
e(),this.expect(o.colon),t.falseType=this.tsParseType(),this.finishNode(t,"TSConditionalType")}tsParseNonConditio
nalType(){return
this.tsIsStartOfFunctionType()?this.tsParseFunctionOrConstructorType("TSFunctionType"):this.match(o._new)?thi
s.tsParseFunctionOrConstructorType("TSConstructorType"):this.tsParseUnionTypeOrHigher()}tsParseTypeAsserti
on(){const e=this.startNode(),t=this.tsTryNextParseConstantContext();return
e.typeAnnotation=t||this.tsNextThenParseType(),this.expectRelational(">"),e.expression=this.parseMaybeUnary(),th
is.finishNode(e,"TSTypeAssertion")}tsParseHeritageClause(e){const
t=this.state.start,r=this.tsParseDelimitedList("HeritageClauseElement",this.tsParseExpressionWithTypeArguments.b
ind(this));return
r.length||this.raise(t,ae.EmptyHeritageClauseType,e),r}tsParseExpressionWithTypeArguments(){const
e=this.startNode();return
e.expression=this.tsParseEntityName(!1),this.isRelational("<")&&(e.typeParameters=this.tsParseTypeArguments()),
this.finishNode(e,"TSExpressionWithTypeArguments")}tsParseInterfaceDeclaration(e){e.id=this.parseIdentifier(),t
his.checkLVal(e.id,130,void 0,"typescript interface
declaration"),e.typeParameters=this.tsTryParseTypeParameters(),this.eat(o._extends)&&(e.extends=this.tsParseHeri
tageClause("extends"));const t=this.startNode();return
t.body=this.tsInType(this.tsParseObjectTypeMembers.bind(this)),e.body=this.finishNode(t,"TSInterfaceBody"),this.
finishNode(e,"TSInterfaceDeclaration")}tsParseTypeAliasDeclaration(e){return
e.id=this.parseIdentifier(),this.checkLVal(e.id,2,void 0,"typescript type
alias"),e.typeParameters=this.tsTryParseTypeParameters(),e.typeAnnotation=this.tsInType(()=>{if(this.expect(o.eq)
,this.isContextual("intrinsic")&&this.lookahead().type!==o.dot){const e=this.startNode();return
this.next(),this.finishNode(e,"TSIntrinsicKeyword")}return
this.tsParseType()}),this.semicolon(),this.finishNode(e,"TSTypeAliasDeclaration")}tsInNoContext(e){const
t=this.state.context;this.state.context=[t[0]];try{return e()}finally{this.state.context=t}}tsInType(e){const
t=this.state.inType;this.state.inType=!0;try{return e()}finally{this.state.inType=t}}tsEatThenParseType(e){return
this.match(e)?this.tsNextThenParseType():void 0}tsExpectThenParseType(e){return
this.tsDoThenParseType(()=>this.expect(e))}tsNextThenParseType(){return
this.tsDoThenParseType(()=>this.next())}tsDoThenParseType(e){return
this.tsInType(()=>(e(),this.tsParseType()))}tsParseEnumMember(){const e=this.startNode();return
e.id=this.match(o.string)?this.parseExprAtom():this.parseIdentifier(!0),this.eat(o.eq)&&(e.initializer=this.parseMay
beAssignAllowIn()),this.finishNode(e,"TSEnumMember")}tsParseEnumDeclaration(e,t){return
t&&(e.const=!0),e.id=this.parseIdentifier(),this.checkLVal(e.id,t?779:267,void 0,"typescript enum
declaration"),this.expect(o.braceL),e.members=this.tsParseDelimitedList("EnumMembers",this.tsParseEnumMembe
r.bind(this)),this.expect(o.braceR),this.finishNode(e,"TSEnumDeclaration")}tsParseModuleBlock(){const
e=this.startNode();return
this.scope.enter(0),this.expect(o.braceL),this.parseBlockOrModuleBlockBody(e.body=[],void
0,!0,o.braceR),this.scope.exit(),this.finishNode(e,"TSModuleBlock")}tsParseModuleOrNamespaceDeclaration(e,t=!
1){if(e.id=this.parseIdentifier(),t||this.checkLVal(e.id,1024,null,"module or namespace
declaration"),this.eat(o.dot)){const
t=this.startNode();this.tsParseModuleOrNamespaceDeclaration(t,!0),e.body=t}else
this.scope.enter(128),this.prodParam.enter(0),e.body=this.tsParseModuleBlock(),this.prodParam.exit(),this.scope.exi
t();return this.finishNode(e,"TSModuleDeclaration")}tsParseAmbientExternalModuleDeclaration(e){return

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this.isContextual("global")?(e.global=!0,e.id=this.parseIdentifier():this.match(o.string)?e.id=this.parseExprAtom():this.unexpected(),this.match(o.braceL)?(this.scope.enter(128),this.prodParam.enter(0),e.body=this.tsParseModuleBlock(),this.prodParam.exit(),this.scope.exit()):this.semicolon(),this.finishNode(e,"TSMODULEDECLARATION"))}tsParseImportEqualsDeclaration(e,t){return e.isExport=t?!1,e.id=this.parseIdentifier(),this.checkLVal(e.id,9,void 0,"import equals declaration"),this.expect(o.eq),e.moduleReference=this.tsParseModuleReference(),this.semicolon(),this.finishNode(e,"TSImportEqualsDeclaration")}tsIsExternalModuleReference(){return this.isContextual("require")&&40===this.lookaheadCharCode()}tsParseModuleReference(){return this.tsIsExternalModuleReference()?this.tsParseExternalModuleReference():this.tsParseEntityName(!1)}tsParseExternalModuleReference(){const e=this.startNode();if(this.expectContextual("require"),this.expect(o.parenL,!this.match(o.string)))throw this.unexpected();return e.expression=this.parseExprAtom(),this.expect(o.parenR),this.finishNode(e,"TSEXTERNALMODULEREFERENCE")}tsLookAhead(e){const t=this.state.clone(),r=e();return this.state=t,r}tsTryParseAndCatch(e){const t=this.tryParse(t=>e)||t();if(!t.aborted&&t.node)return t.error&&(this.state=t.failState),t.node}tsTryParse(e){const t=this.state.clone(),r=e();return void 0!==(r&&!1!==(r?r:void(this.state=t)))}tsTryParseDeclare(e){if(this.isLineTerminator())return;let t,r=this.state.type;return this.isContextual("let")&&(r=o._var,t="let"),this.tsInDeclareContext(=>{switch(r){case o._function:return e.declare=!0,this.parseFunctionStatement(e,!1,!0);case o._class:return e.declare=!0,this.parseClass(e,!0,!1);case o._const:if(this.match(o._const)&&this.isLookaheadContextual("enum"))return this.expect(o._const),this.expectContextual("enum"),this.tsParseEnumDeclaration(e,!0);case o._var:return t=t||this.state.value,this.parseVarStatement(e,t);case o.name:{const t=this.state.value;return"global"===t?this.tsParseAmbientExternalModuleDeclaration(e):this.tsParseDeclaration(e,t,!0)}})}tsTryParseExportDeclaration(){return this.tsParseDeclaration(this.startNode(),this.state.value,!0)}tsParseExpressionStatement(e,t){switch(t.name){case"declare":{const t=this.tsTryParseDeclare(e);if(t)return t.declare=!0,t;break}case"global":if(this.match(o.braceL)){this.scope.enter(128),this.prodParam.enter(0);const r=e;return r.global=!0,r.id=t,r.body=this.tsParseModuleBlock(),this.scope.exit(),this.prodParam.exit(),this.finishNode(r,"TSMODULEDECLARATION")}break;default:return this.tsParseDeclaration(e,t.name,!1)}tsParseDeclaration(e,t,r){switch(t){case"abstract":if(this.tsCheckLineTerminatorAndMatch(o._class,r)){const t=e;return t.abstract=!0,r&&(this.next(),this.match(o._class)||this.unexpected(null,o._class)),this.parseClass(t,!0,!1)}break;case"enum":if(r||this.match(o.name))return r&&this.next(),this.tsParseEnumDeclaration(e,!1);break;case"interface":if(this.tsCheckLineTerminatorAndMatch(o.name,r))return r&&this.next(),this.tsParseInterfaceDeclaration(e);break;case"module":if(r&&this.next(),this.match(o.string))return this.tsParseAmbientExternalModuleDeclaration(e);if(this.tsCheckLineTerminatorAndMatch(o.name,r))return this.tsParseModuleOrNamespaceDeclaration(e);break;case"namespace":if(this.tsCheckLineTerminatorAndMatch(o.name,r))return r&&this.next(),this.tsParseModuleOrNamespaceDeclaration(e);break;case"type":if(this.tsCheckLineTerminatorAndMatch(o.name,r))return r&&this.next(),this.tsParseTypeAliasDeclaration(e)}tsCheckLineTerminatorAndMatch(e,t){return(t||this.match(e))&&!this.isLineTerminator()}tsTryParseGenericAsyncArrowFunction(e,t){if(!this.isRelational("<"))return;const r=this.state.maybeInArrowParameters;this.state.maybeInArrowParameters=!0;const n=this.tsTryParseAndCatch(=>{const r=this.startNodeAt(e,t);return r.typeParameters=this.tsParseTypeParameters(),super.parseFunctionParams(r),r.returnType=this.tsTryParseTypeOr

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TypePredicateAnnotation(),this.expect(o.arrow,r));return
this.state.maybeInArrowParameters=r,n?this.parseArrowExpression(n,null,!0):void
0}tsParseTypeArguments(){const e=this.startNode();return
e.params=this.tsInType(=>this.tsInNoContext(=>(this.expectRelational("<"),this.tsParseDelimitedList("TypePar
ametersOrArguments",this.tsParseType.bind(this))))),0===e.params.length&&this.raise(e.start,ae.EmptyTypeArgu
ments),this.state.exprAllowed=!1,this.expectRelational(">"),this.finishNode(e,"TSTypeParameterInstantiation")}tsIs
DeclarationStart(){if(this.match(o.name))switch(this.state.value){case"abstract":case"declare":case"enum":case"inte
rface":case"module":case"namespace":case"type":return!0}return!1}isExportDefaultSpecifier(){return!this.tsIsDecl
arationStart()&&super.isExportDefaultSpecifier()}parseAssignableListItem(e,t){const
r=this.state.start,n=this.state.startLoc;let i,s=!1;void
0!|=e&&(i=this.parseAccessModifier(),s=!this.tsParseModifier(["readonly"]),!1===e&&(i||s)&&this.raise(r,ae.Un
expectedParameterModifier));const a=this.parseMaybeDefault();this.parseAssignableListItemTypes(a);const
o=this.parseMaybeDefault(a.start,a.loc.start,a);if(i||s){const e=this.startNodeAt(r,n);return
t.length&&(e.decorators=t),i&&(e.accessibility=i),s&&(e.readonly=s),"Identifier"!==o.type&&"AssignmentPattern
"!==o.type&&this.raise(e.start,ae.UnsupportedParameterPropertyKind),e.parameter=o,this.finishNode(e,"TSParame
terProperty")}return
t.length&&(a.decorators=t),o}parseFunctionBodyAndFinish(e,t,r=!1){this.match(o.colon)&&(e.returnType=this.tsP
arseTypeOrTypePredicateAnnotation(o.colon));const
n="FunctionDeclaration"===t?"TSDeclareFunction":"ClassMethod"===t?"TSDeclareMethod":void
0;n&&!this.match(o.braceL)&&this.isLineTerminator()?this.finishNode(e,n):"TSDeclareFunction"===n&&this.stat
e.isDeclareContext&&(this.raise(e.start,ae.DeclareFunctionHasImplementation),e.declare)?super.parseFunctionBod
yAndFinish(e,n,r):super.parseFunctionBodyAndFinish(e,t,r)}registerFunctionStatementId(e){!e.body&&e.id?this.ch
eckLVal(e.id,1024,null,"function
name"):super.registerFunctionStatementId(...arguments)}tsCheckForInvalidTypeCasts(e){e.forEach(e=>{"TSType
CastExpression"===e?void
0:e.type}&&this.raise(e.typeAnnotation.start,ae.UnexpectedTypeAnnotation))}toReferencedList(e,t){return
this.tsCheckForInvalidTypeCasts(e),e}parseArrayLike(...e){const
t=super.parseArrayLike(...e);return"ArrayExpression"===t.type&&this.tsCheckForInvalidTypeCasts(t.elements),t}p
arseSubscript(e,t,r,n,i){if(!this.hasPrecedingLineBreak()&&this.match(o.bang)){this.state.exprAllowed=!1,this.next
();const n=this.startNodeAt(t,r);return
n.expression=e,this.finishNode(n,"TSNonNullExpression")}if(this.isRelational("<")){const
s=this.tsTryParseAndCatch(=>{if(!n&&this.atPossibleAsyncArrow(e)){const
e=this.tsTryParseGenericAsyncArrowFunction(t,r);if(e)return e}const s=this.startNodeAt(t,r);s.callee=e;const
a=this.tsParseTypeArguments();if(a){if(!n&&this.eat(o.parenL))return
s.arguments=this.parseCallExpressionArguments(o.parenR,!1),this.tsCheckForInvalidTypeCasts(s.arguments),s.typ
eParameters=a,this.finishCallExpression(s,i.optionalChainMember);if(this.match(o.backQuote)){const
n=this.parseTaggedTemplateExpression(e,t,r,i);return n.typeParameters=a,n}}this.unexpected());if(s)return
s}return super.parseSubscript(e,t,r,n,i)}parseNewArguments(e){if(this.isRelational("<")){const
t=this.tsTryParseAndCatch(=>{const e=this.tsParseTypeArguments();return
this.match(o.parenL)||this.unexpected(),e});t&&(e.typeParameters=t)}super.parseNewArguments(e)}parseExprOp(e
,t,r,n){if(ie(o._.binop)>n&&!this.hasPrecedingLineBreak()&&this.isContextual("as")){const
i=this.startNodeAt(t,r);i.expression=e;const s=this.tsTryNextParseConstantContext();return
i.typeAnnotation=s||this.tsNextThenParseType(),this.finishNode(i,"TSAsExpression"),this.reScan_It_gt(),this.parse
ExprOp(i,t,r,n)}return
super.parseExprOp(e,t,r,n)}checkReservedWord(e,t,r,n){}checkDuplicateExports(){}parseImport(e){if(this.match(o
.name)||this.match(o.star)||this.match(o.braceL)){const
t=this.lookahead();if(this.match(o.name)&&t.type===o.eq)return
this.tsParseImportEqualsDeclaration(e);!this.isContextual("type")||t.type===o.comma||t.type===o.name&&"from"=

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==t.value||(e.importKind="type",this.next())}e.importKind||(e.importKind="value");const
t=super.parseImport(e);return"type"===t.importKind&& t.specifiers.length>1&&"ImportDefaultSpecifier"===t.spec
ifiers[0].type&&this.raise(t.start,"A type-only import can specify a default import or named bindings, but not
both."),t)parseExport(e){if(this.match(o._import))return
this.expect(o._import),this.tsParseImportEqualsDeclaration(e,!0);if(this.eat(o.eq)){const t=e;return
t.expression=this.parseExpression(),this.semicolon(),this.finishNode(t,"TSExportAssignment")}if(this.eatContextual
("as")){const t=e;return
this.expectContextual("namespace"),t.id=this.parseIdentifier(),this.semicolon(),this.finishNode(t,"TSNamespaceExp
ortDeclaration")}return
this.isContextual("type")&&this.lookahead().type===o.braceL?(this.next(),e.exportKind="type"):e.exportKind="val
ue",super.parseExport(e)}isAbstractClass(){return
this.isContextual("abstract")&&this.lookahead().type===o._class}parseExportDefaultExpression(){if(this.isAbstrac
tClass()){const e=this.startNode();return
this.next(),this.parseClass(e,!0,!0),e.abstract=!0,e}if("interface"===this.state.value){const
e=this.tsParseDeclaration(this.startNode(),this.state.value,!0);if(e)return e}return
super.parseExportDefaultExpression()}parseStatementContent(e,t){if(this.state.type===o._const){const
e=this.lookahead();if(e.type===o.name&&"enum"===e.value){const e=this.startNode();return
this.expect(o._const),this.expectContextual("enum"),this.tsParseEnumDeclaration(e,!0)}return
super.parseStatementContent(e,t)}parseAccessModifier(){return
this.tsParseModifier(["public","protected","private"])}parseClassMember(e,t,r){this.tsParseModifiers(t,["declare"]);
const n=this.parseAccessModifier();n&&(t.accessibility=n),this.tsParseModifiers(t,["declare"]);const
i=(=>{super.parseClassMember(e,t,r)};t.declare?this.tsInDeclareContext(i):i)}parseClassMemberWithIsStatic(e,t,r
,n){this.tsParseModifiers(t,["abstract","readonly","declare"]);const i=this.tsTryParseIndexSignature(t);if(i)return
e.body.push(i),t.abstract&&this.raise(t.start,ae.IndexSignatureHasAbstract),n&&this.raise(t.start,ae.IndexSignature
HasStatic),t.accessibility&&this.raise(t.start,ae.IndexSignatureHasAccessibility,t.accessibility),void(t.declare&&this
.raise(t.start,ae.IndexSignatureHasDeclare));super.parseClassMemberWithIsStatic(e,t,r,n)}parsePostMemberName
Modifiers(e){this.eat(o.question)&&(e.optional=!0),e.readonly&&this.match(o.parenL)&&this.raise(e.start,ae.Class
MethodHasReadonly),e.declare&&this.match(o.parenL)&&this.raise(e.start,ae.ClassMethodHasDeclare)}parseExpr
essionStatement(e,t){return("Identifier"===t.type?this.tsParseExpressionStatement(e,t):void
0)||super.parseExpressionStatement(e,t)}shouldParseExportDeclaration(){return!!this.tsIsDeclarationStart()||super.sh
ouldParseExportDeclaration()}parseConditional(e,t,r,n){if(!n||!this.match(o.question))return
super.parseConditional(e,t,r,n);const i=this.tryParse(=>super.parseConditional(e,t,r));return
i.node?(i.error&&(this.state=i.failState),i.node):(n.start=i.error.pos||this.state.start,e)}parseParenItem(e,t,r){if(e=sup
er.parseParenItem(e,t,r),this.eat(o.question)&&(e.optional=!0,this.resetEndLocation(e)),this.match(o.colon)){const
n=this.startNodeAt(t,r);return
n.expression=e,n.typeAnnotation=this.tsParseTypeAnnotation(),this.finishNode(n,"TSTypeCastExpression")}return
e}parseExportDeclaration(e){const t=this.state.start,r=this.state.startLoc,n=this.eatContextual("declare");let i;return
this.match(o.name)&&(i=this.tsTryParseExportDeclaration()),i||(i=super.parseExportDeclaration(e)),i&&("TSInterf
aceDeclaration"===i.type||"TSTypeAliasDeclaration"===i.type||n)&&(e.exportKind="type"),i&&n&&(this.resetSta
rtLocation(i,t,r),i.declare=!0,i)}parseClassId(e,t,r){if(!t||r)&&this.isContextual("implements")}return;super.parseCla
ssId(e,t,r,e.declare?1024:139);const
n=this.tsTryParseTypeParameters();n&&(e.typeParameters=n)}parseClassPropertyAnnotation(e){!e.optional&&this
.eat(o.bang)&&(e.definite=!0);const
t=this.tsTryParseTypeAnnotation();t&&(e.typeAnnotation=t)}parseClassProperty(e){return
this.parseClassPropertyAnnotation(e),this.state.isDeclareContext&&this.match(o.eq)&&this.raise(this.state.start,ae.
DeclareClassFieldHasInitializer),super.parseClassProperty(e)}parseClassPrivateProperty(e){return
e.abstract&&this.raise(e.start,ae.PrivateElementHasAbstract),e.accessibility&&this.raise(e.start,ae.PrivateElementH
asAccessibility,e.accessibility),this.parseClassPropertyAnnotation(e),super.parseClassPrivateProperty(e)}pushClass

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Method(e,t,r,n,i,s){const
a=this.tsTryParseTypeParameters();a&&i&&this.raise(a.start,ae.ConstructorHasTypeParameters),a&&(t.typeParameters=a),super.pushClassMethod(e,t,r,n,i,s)}pushClassPrivateMethod(e,t,r,n){const
i=this.tsTryParseTypeParameters();i&&(t.typeParameters=i),super.pushClassPrivateMethod(e,t,r,n)}parseClassSuper(e){super.parseClassSuper(e),e.superClass&&this.isRelational("<")&&(e.superTypeParameters=this.tsParseTypeArguments()),this.eatContextual("implements")&&(e.implements=this.tsParseHeritageClause("implements"))}parseObjPropValue(e,...t){const
r=this.tsTryParseTypeParameters();r&&(e.typeParameters=r),super.parseObjPropValue(e,...t)}parseFunctionParams(e,t){const
r=this.tsTryParseTypeParameters();r&&(e.typeParameters=r),super.parseFunctionParams(e,t)}parseVarId(e,t){super.parseVarId(e,t),"Identifier"===e.id.type&&this.eat(o.bang)&&(e.definite=!0);const
r=this.tsTryParseTypeAnnotation();r&&(e.id.typeAnnotation=r,this.resetEndLocation(e.id))}parseAsyncArrowFromCallExpression(e,t){return
this.match(o.colon)&&(e.returnType=this.tsParseTypeAnnotation()),super.parseAsyncArrowFromCallExpression(e,t)}parseMaybeAssign(...e){var t,r,n,i,s,a,l;let
c,p,u,d;if(this.match(o.jsxTagStart)){if(c=this.state.clone(),p=this.tryParse(=>super.parseMaybeAssign(...e),c),!p.error)return p.node;const{context:t}=this.state;t[t.length-1]===g.j_oTag?t.length-=2:t[t.length-1]===g.j_expr&&(t.length=1)}if(!(null==(t=p)?void 0:t.error)&&!this.isRelational("<"))return
super.parseMaybeAssign(...e);c=c||this.state.clone();const h=this.tryParse(t=>{var
r;d=this.tsParseTypeParameters();const
n=super.parseMaybeAssign(...e);return("ArrowFunctionExpression"!==n.type||n.extra&&n.extra.parenthesized)&&t(),0!==(null==(r=d)?void
0:r.params.length)&&this.resetStartLocationFromNode(n,d),n.typeParameters=d,n},c);if(!h.error&&!h.aborted)return
n.h.node;if(!p&&(se(!this.hasPlugin("jsx")),u=this.tryParse(=>super.parseMaybeAssign(...e),c),!u.error))return
u.node;if(null==(r=p)?void 0:r.node)return this.state=p.failState,p.node;if(h.node)return
this.state=h.failState,h.node;if(null==(n=u)?void 0:n.node)return this.state=u.failState,u.node;if(null==(i=p)?void
0:i.thrown)throw p.error;if(h.thrown)throw h.error;if(null==(s=u)?void 0:s.thrown)throw
u.error;throw(null==(a=p)?void 0:a.error)||h.error||(null==(l=u)?void
0:l.error)}parseMaybeUnary(e){return!this.hasPlugin("jsx")&&this.isRelational("<")?this.tsParseTypeAssertion():super.parseMaybeUnary(e)}parseArrow(e){if(this.match(o.colon)){const t=this.tryParse(e=>{const
t=this.tsParseTypeOrTypePredicateAnnotation(o.colon);return!this.canInsertSemicolon()&&this.match(o.arrow)||e(),t});if(t.aborted)return;t.throw||(t.error&&(this.state=t.failState),e.returnType=t.node)}return
super.parseArrow(e)}parseAssignableListItemTypes(e){this.eat(o.question)&&("Identifier"===e.type||this.state.isDeclareContext||this.state.inType||this.raise(e.start,ae.PatternIsOptional),e.optional=!0);const
t=this.tsTryParseTypeAnnotation();return
t&&(e.typeAnnotation=t),this.resetEndLocation(e,e)}toAssignable(e){switch(e.type){case"TSTypeCastExpression":return
super.toAssignable(this.typeCastToParameter(e));case"TSParameterProperty":return
super.toAssignable(e);case"TSAsExpression":case"TSNonNullExpression":case"TSTypeAssertion":return
e.expression=this.toAssignable(e.expression),e;default:return
super.toAssignable(e)}checkLVal(e,t=64,r,n){switch(e.type){case"TSTypeCastExpression":return;case"TSParameterProperty":return
void this.checkLVal(e.parameter,t,r,"parameter
property");case"TSAsExpression":case"TSNonNullExpression":case"TSTypeAssertion":return
void this.checkLVal(e.expression,t,r,n);default:return
void super.checkLVal(e,t,r,n)}parseBindingAtom(){switch(this.state.type){case o._this:return
this.parseIdentifier(!0);default:return
super.parseBindingAtom()}}parseMaybeDecoratorArguments(e){if(this.isRelational("<")){const
t=this.tsParseTypeArguments();if(this.match(o.parenL)){const r=super.parseMaybeDecoratorArguments(e);return
r.typeParameters=t,r}this.unexpected(this.state.start,o.parenL)}return

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super.parseMaybeDecoratorArguments(e)}isClassMethod(){return
this.isRelational("<")||super.isClassMethod()}isClassProperty(){return
this.match(o.bang)||this.match(o.colon)||super.isClassProperty()}parseMaybeDefault(...e){const
t=super.parseMaybeDefault(...e);return"AssignmentPattern"===t.type&&t.typeAnnotation&&t.right.start<t.typeAn
notation.start&&this.raise(t.typeAnnotation.start,ae.TypeAnnotationAfterAssign,t)getTokenFromCode(e){return!th
is.state.inType||62!==e&&60!==e?super.getTokenFromCode(e):this.finishOp(o.relational,1)}reScan_lt_gt(){if(this.
match(o.relational)){const e=this.input.charCodeAt(this.state.start);60!==e&&62!==e||(this.state.pos-
=1,this.readToken_lt_gt(e))}toAssignableList(e){for(let t=0;t<e.length;t++){const
r=e[t];if(r)switch(r.type){case"TSTypeCastExpression":e[t]=this.typeCastToParameter(r);break;case"TSAsExpressi
on":case"TSTypeAssertion":this.state.maybeInArrowParameters?this.raise(r.start,ae.UnexpectedTypeCastInParameter):e[t]=this.typeCastToParameter(r)}}return super.toAssignableList(...arguments)}typeCastToParameter(e){return
e.expression.typeAnnotation=e.typeAnnotation,this.resetEndLocation(e.expression,e.typeAnnotation.end,e.typeAnn
otation.loc.end),e.expression}shouldParseArrow(){return
this.match(o.colon)||super.shouldParseArrow()}shouldParseAsyncArrow(){return
this.match(o.colon)||super.shouldParseAsyncArrow()}canHaveLeadingDecorator(){return
super.canHaveLeadingDecorator()}this.isAbstractClass(){jsxParseOpeningElementAfterName(e){if(this.isRelational("<")){const t=this.tsTryParseAndCatch(=>this.tsParseTypeArguments());t&&(e.typeParameters=t)}return
super.jsxParseOpeningElementAfterName(e)}getGetterSetterExpectedParamCount(e){const
t=super.getGetterSetterExpectedParamCount(e),r=e.params[0];return
r&&"Identifier"===r.type&&"this"===r.name?t+1:t}parseCatchClauseParam(){const
e=super.parseCatchClauseParam(),t=this.tsTryParseTypeAnnotation();return
t&&(e.typeAnnotation=t,this.resetEndLocation(e)),e}tsInDeclareContext(e){const
t=this.state.isDeclareContext;this.state.isDeclareContext=!0;try{return
e()}finally{this.state.isDeclareContext=t}},v8intrinsic:e=>class extends
e{parseV8Intrinsic(){if(this.match(o.modulo)){const
e=this.state.start,t=this.startNode();if(this.eat(o.modulo),this.match(o.name)){const
e=this.parseIdentifierName(this.state.start),r=this.createIdentifier(t,e);if(r.type="V8IntrinsicIdentifier",this.match(o.
parenL))return r}this.unexpected(e)}parseExprAtom(){return
this.parseV8Intrinsic()}super.parseExprAtom(...arguments)},placeholders:e=>class extends
e{parsePlaceholder(e){if(this.match(o.placeholder)){const t=this.startNode();return
this.next(),this.assertNoSpace("Unexpected space in
placeholder."),t.name=super.parseIdentifier(!0),this.assertNoSpace("Unexpected space in
placeholder."),this.expect(o.placeholder),this.finishPlaceholder(t,e)}finishPlaceholder(e,t){const
r=!(!e.expectedNode||"Placeholder"!==e.type);return
e.expectedNode=t,r?e:this.finishNode(e,"Placeholder")}getTokenFromCode(e){return
37===e&&37===this.input.charCodeAt(this.state.pos+1)?this.finishOp(o.placeholder,2):super.getTokenFromCode(
...arguments)}parseExprAtom(){return
this.parsePlaceholder("Expression")||super.parseExprAtom(...arguments)}parseIdentifier(){return
this.parsePlaceholder("Identifier")||super.parseIdentifier(...arguments)}checkReservedWord(e){void
0!==e&&super.checkReservedWord(...arguments)}parseBindingAtom(){return
this.parsePlaceholder("Pattern")||super.parseBindingAtom(...arguments)}checkLVal(e){"Placeholder"!==e.type&&super.checkLVal(...arguments)}toAssignable(e){return
e&&"Placeholder"===e.type&&"Expression"===e.expectedNode?(e.expectedNode="Pattern",e):super.toAssignabl
e(...arguments)}verifyBreakContinue(e){e.label&&"Placeholder"===e.label.type||super.verifyBreakContinue(...argu
ments)}parseExpressionStatement(e,t){if("Placeholder"!==t.type||t.extra&&t.extra.parenthesized)return
super.parseExpressionStatement(...arguments);if(this.match(o.colon)){const r=e;return
r.label=this.finishPlaceholder(t,"Identifier"),this.next(),r.body=this.parseStatement("label"),this.finishNode(r,"Label
edStatement")}return this.semicolon(),e.name=t.name,this.finishPlaceholder(e,"Statement")}parseBlock(){return

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this.parsePlaceholder("BlockStatement")||super.parseBlock(...arguments)}parseFunctionId(){return
this.parsePlaceholder("Identifier")||super.parseFunctionId(...arguments)}parseClass(e,t,r){const
n=t?"ClassDeclaration":"ClassExpression";this.next(),this.takeDecorators(e);const
i=this.state.strict,s=this.parsePlaceholder("Identifier");if(s){if(this.match(o._extends)||this.match(o.placeholder)||this.
match(o.braceL))e.id=s;else{if(r||!t)return
e.id=null,e.body=this.finishPlaceholder(s,"ClassBody"),this.finishNode(e,n);this.unexpected(null,"A class name is
required")}}else this.parseClassId(e,t,r);return
this.parseClassSuper(e),e.body=this.parsePlaceholder("ClassBody")||this.parseClassBody(!e.superClass,i),this.finis
hNode(e,n)}parseExport(e){const t=this.parsePlaceholder("Identifier");if(!t)return
super.parseExport(...arguments);if(!this.isContextual("from")&&!this.match(o.comma))return
e.specifiers=[],e.source=null,e.declaration=this.finishPlaceholder(t,"Declaration"),this.finishNode(e,"ExportNamed
Declaration");this.expectPlugin("exportDefaultFrom");const r=this.startNode();return
r.exported=t,e.specifiers=[this.finishNode(r,"ExportDefaultSpecifier")],super.parseExport(e)}isExportDefaultSpecifi
er(){if(this.match(o._default)){const
e=this.nextTokenStart();if(this.isUnparsedContextual(e,"from")&&this.input.startsWith(o.placeholder.label,this.next
TokenStartSince(e+4)))return!0}return
super.isExportDefaultSpecifier()}maybeParseExportDefaultSpecifier(e){return!(e.specifiers&&e.specifiers.length>
0)||super.maybeParseExportDefaultSpecifier(...arguments)}checkExport(e){const{specifiers:t}=e;(null===t?void
0:t.length)&&(e.specifiers=t.filter(e=>"Placeholder"===e.exported.type)),super.checkExport(e),e.specifiers=t}parse
Import(e){const t=this.parsePlaceholder("Identifier");if(!t)return
super.parseImport(...arguments);if(e.specifiers=[],!this.isContextual("from")&&!this.match(o.comma))return
e.source=this.finishPlaceholder(t,"StringLiteral"),this.semicolon(),this.finishNode(e,"ImportDeclaration");const
r=this.startNodeAtNode(t);if(r.local=t,this.finishNode(r,"ImportDefaultSpecifier"),e.specifiers.push(r),this.eat(o.com
ma)){this.maybeParseStarImportSpecifier(e)||this.parseNamedImportSpecifiers(e)}return
this.expectContextual("from"),e.source=this.parseImportSource(),this.semicolon(),this.finishNode(e,"ImportDeclara
tion")}parseImportSource(){return
this.parsePlaceholder("StringLiteral")||super.parseImportSource(...arguments)}}},de=Object.keys(ue),he={sourceType:
"script",sourceFilename:void
0,startLine:1,allowAwaitOutsideFunction:!1,allowReturnOutsideFunction:!1,allowImportExportEverywhere:!1,allo
wSuperOutsideMethod:!1,allowUndeclaredExports:!1,plugins:[],strictMode:null,ranges:!1,tokens:!1,createParenthes
izedExpressions:!1,errorRecovery:!1};class fe{constructor(){this.strict=void 0,this.curLine=void
0,this.startLoc=void 0,this.endLoc=void 0,this.errors=[],this.potentialArrowAt=-
1,this.noArrowAt=[],this.noArrowParamsConversionAt=[],this.maybeInArrowParameters=!1,this.inPipeline=!1,this.
inType=!1,this.noAnonFunctionType=!1,this.inPropertyName=!1,this.hasFlowComment=!1,this.isIterator=!1,this.i
sDeclareContext=!1,this.topicContext={maxNumOfResolvableTopics:0,maxTopicIndex:null},this.soloAwait=!1,this.
inFSharpPipelineDirectBody=!1,this.labels=[],this.decoratorStack=[[]],this.comments=[],this.trailingComments=[]
,this.leadingComments=[],this.commentStack=[],this.commentPreviousNode=null,this.pos=0,this.lineStart=0,this.ty
pe=o.eof,this.value=null,this.start=0,this.end=0,this.lastTokEndLoc=null,this.lastTokStartLoc=null,this.lastTokStart
=0,this.lastTokEnd=0,this.context=[g.braceStatement],this.exprAllowed=!0,this.containsEsc=!1,this.octalPositions=
[],this.exportedIdentifiers=[],this.tokensLength=0}init(e){this.strict=!1!==e.strictMode&&"module"===e.sourceType
,this.curLine=e.startLine,this.startLoc=this.endLoc=this.curPosition()}curPosition(){return new
h(this.curLine,this.pos-this.lineStart)}clone(e){const t=new fe,r=Object.keys(this);for(let
n=0,i=r.length;n<i;n++){const i=r[n];let s=this[i];!e&&Array.isArray(s)&&(s=s.slice()),t[i]=s}return t}}var
me=function(e){return e>=48&&e<=57};const ye=new
Set(["g","m","s","i","y","u"]),Te={decBinOct:[46,66,69,79,95,98,101,111],hex:[46,88,95,120]},be={bin:[48,49];b
e.oct=[...be.bin,50,51,52,53,54,55],be.dec=[...be.oct,56,57],be.hex=[...be.dec,65,66,67,68,69,70,97,98,99,100,101,10
2];class ge{constructor(e){this.type=e.type,this.value=e.value,this.start=e.start,this.end=e.end,this.loc=new
f(e.startLoc,e.endLoc)}}class Se{constructor(){this.shorthandAssign=-1,this.doubleProto=-1}}class

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xe{ constructor(e,t,r){ this.type=void 0,this.start=void 0,this.end=void 0,this.loc=void 0,this.range=void
0,this.leadingComments=void 0,this.trailingComments=void 0,this.innerComments=void 0,this.extra=void
0,this.type="",this.start=t,this.end=0,this.loc=new f(r),(null===e?void
0:e.options.ranges)&&(this.range=[t,0]),(null===e?void
0:e.filename)&&(this.loc.filename=e.filename)} __clone(){ const e=new xe,t=Object.keys(this);for(let
r=0,n=t.length;r<n;r++){ const
n=t[r];"leadingComments"!==n&&"trailingComments"!==n&&"innerComments"!==n&&(e[n]=this[n])}return
e } }const Ee=e=>"ParenthesizedExpression"===e.type?Ee(e.expression):e;class Pe{ constructor(e=0){ this.type=void
0,this.type=e }canBeArrowParameterDeclaration(){ return
2===this.type||1===this.type }isCertainlyParameterDeclaration(){ return 3===this.type } }class ve extends
Pe{ constructor(e){ super(e),this.errors=new
Map }recordDeclarationError(e,t){ this.errors.set(e,t)}clearDeclarationError(e){ this.errors.delete(e)}iterateErrors(e){ t
his.errors.forEach(e) } }class Ae{ constructor(e){ this.stack=[new
Pe],this.raise=e }enter(e){ this.stack.push(e)}exit(){ this.stack.pop()}recordParameterInitializerError(e,t){ const { stack:
r }=this;let n=r.length-
1,i=r[n];for(;!i.isCertainlyParameterDeclaration();){ if(!i.canBeArrowParameterDeclaration())return;i.recordDeclarat
ionError(e,t),i=r[--n]}this.raise(e,t)}recordAsyncArrowParametersError(e,t){ const { stack:r }=this;let n=r.length-
1,i=r[n];for(;i.canBeArrowParameterDeclaration();){ 2===i.type&&i.recordDeclarationError(e,t),i=r[
n]}validateAsPattern(){ const { stack:e }=this,t=e[e.length-
1];t.canBeArrowParameterDeclaration()&&t.iterateErrors((t,r)=>{ this.raise(r,t);let n=e.length-
2,i=e[n];for(;i.canBeArrowParameterDeclaration();i.clearDeclarationError(r),i=e[--n])} } }function we(){ return new
Pe }const Oe={ kind:"loop" },Ie={ kind:"switch" },Ce=/[\uD800-\uFFFF]/u;class
Ne{ constructor(){ this.privateNames=new Set,this.loneAccessors=new Map,this.undefinedPrivateNames=new
Map } }class ke{ constructor(e){ this.stack=[],this.undefinedPrivateNames=new Map,this.raise=e }current(){ return
this.stack[this.stack.length-1]}enter(){ this.stack.push(new Ne)}exit(){ const e=this.stack.pop(),t=this.current();for(let
r=0,n=Array.from(e.undefinedPrivateNames);r<n.length;r++){ const [e,i]=n[r];t?t.undefinedPrivateNames.has(e)||t.un
definedPrivateNames.set(e,i):this.raise(i,y.InvalidPrivateFieldResolution,e) } }declarePrivateName(e,t,r){ const
n=this.current();let i=n.privateNames.has(e);if(3&t){ const r=i&&n.loneAccessors.get(e);if(r){ const
s=4&r,a=4&t;i=(3&r)===(3&t)||s!==a,i||n.loneAccessors.delete(e)}else
i||n.loneAccessors.set(e,t)}i&&this.raise(r,y.PrivateNameRedeclaration,e),n.privateNames.add(e),n.undefinedPrivate
Names.delete(e)}usePrivateName(e,t){ let r;for(let
t=0,n=this.stack;t<n.length;t++)if(r=n[t],r.privateNames.has(e))return;r?r.undefinedPrivateNames.set(e,t):this.raise(t
,y.InvalidPrivateFieldResolution,e) } }class De extends class extends class extends class extends class extends class
extends class extends class extends class extends class extends class extends class extends class extends class
class{ constructor(){ this.sawUnambiguousESM=!1,this.ambiguousScriptDifferentAst=!1 }hasPlugin(e){ return
this.plugins.has(e) }getPluginOption(e,t){ if(this.hasPlugin(e))return
this.plugins.get(e)[t] } } { addComment(e){ this.filename&&(e.loc.filename=this.filename),this.state.trailingComments
.push(e),this.state.leadingComments.push(e)}adjustCommentsAfterTrailingComma(e,t,r){ if(0===this.state.leadingC
omments.length)return;let n=null,i=t.length;for(;null===n&&i>0;n=t[--i];if(null===n)return;for(let
e=0;e<this.state.leadingComments.length;e++)this.state.leadingComments[e].end<this.state.commentPreviousNode.
end&&(this.state.leadingComments.splice(e,1),e--);const s=[];for(let
t=0;t<this.state.leadingComments.length;t++){ const
n=this.state.leadingComments[t];n.end<e.end?(s.push(n),r||(this.state.leadingComments.splice(t,1),t--):(void
0===e.trailingComments&&(e.trailingComments=[]),e.trailingComments.push(n))}r&&(this.state.leadingComment
s=[]),s.length>0?n.trailingComments=s:void
0)!==n.trailingComments&&(n.trailingComments=[])}processComment(e){ if("Program"===e.type&&e.body.length
>0)return;const t=this.state.commentStack;let
r,n,i,s,a;if(this.state.trailingComments.length>0)this.state.trailingComments[0].start>=e.end?(i=this.state.trailingCo

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mments,this.state.trailingComments=[]):this.state.trailingComments.length=0;else if(t.length>0){ const
r=m(t);r.trailingComments&&r.trailingComments[0].start>=e.end&&(i=r.trailingComments,delete
r.trailingComments)}for(t.length>0&&m(t).start>=e.start&&(r=t.pop());t.length>0&&m(t).start>=e.start;n=t.pop();
if(!n&&(n=r),r)switch(e.type){ case"ObjectExpression":this.adjustCommentsAfterTrailingComma(e,e.properties);break;case"ObjectPattern":this.adjustCommentsAfterTrailingComma(e,e.properties,!0);break;case"CallExpression":this.adjustCommentsAfterTrailingComma(e,e.arguments);break;case"ArrayExpression":this.adjustCommentsAfterTrailingComma(e,e.elements);break;case"ArrayPattern":this.adjustCommentsAfterTrailingComma(e,e.elements,!0)}else
this.state.commentPreviousNode&&("ImportSpecifier"===this.state.commentPreviousNode.type&&"ImportSpecifier"!==e.type||"ExportSpecifier"===this.state.commentPreviousNode.type&&"ExportSpecifier"!==e.type)&&this.adjustCommentsAfterTrailingComma(e,[this.state.commentPreviousNode]);if(n){if(n.leadingComments)if(n!==e&&n.leadingComments.length>0&&m(n.leadingComments).end<=e.start)e.leadingComments=n.leadingComments,delete n.leadingComments;else for(s=n.leadingComments.length-2;s>=0;--s)if(n.leadingComments[s].end<=e.start){e.leadingComments=n.leadingComments.splice(0,s+1);break}}else
if(this.state.leadingComments.length>0)if(m(this.state.leadingComments).end<=e.start){if(this.state.commentPreviousNode)for(a=0;a<this.state.leadingComments.length;a++)this.state.leadingComments[a].end<this.state.commentPreviousNode.end&&(this.state.leadingComments.splice(a,1),a--);this.state.leadingComments.length>0&&(e.leadingComments=this.state.leadingComments,this.state.leadingComments=[])}else{for(s=0;s<this.state.leadingComments.length&&!(this.state.leadingComments[s].end>e.start);s++);const
t=this.state.leadingComments.slice(0,s);t.length&&(e.leadingComments=t),i=this.state.leadingComments.slice(s),0===i.length&&(i=null)}if(this.state.commentPreviousNode=e,i)if(i.length&&i[0].start>=e.start&&m(i).end<=e.end)e.innerComments=i;else{const
t=i.findIndex(t=>t.end>=e.end);t>0?(e.innerComments=i.slice(0,t),e.trailingComments=i.slice(t)):e.trailingComments=i;t.push(e)}getLocationForPosition(e){let t;return
t=e===this.state.start?this.state.startLoc:e===this.state.lastTokStart?this.state.lastTokStartLoc:e===this.state.end?this.state.endLoc:e===this.state.lastTokEnd?this.state.lastTokEndLoc:function(e,t){let
r,n=1,i=0;for(c.lastIndex=0;(r=c.exec(e))&&r.index<t;)n++,i=c.lastIndex;return new h(n,t-i)}(this.input,e),t)raise(e,t,...r){return this.raiseWithData(e,void 0,t,...r)}raiseWithData(e,t,r,...n){const
i=this.getLocationForPosition(e),s=r.replace(/%(\d+)/g,(e,t)=>n[t]+` (${i.line} : ${i.column})`);return
this._raise(Object.assign({loc:i,pos:e},t),s)}_raise(e,t){const r=new
SyntaxError(t);if(Object.assign(r,e),this.options.errorRecovery)return
this.isLookahead||this.state.errors.push(r,r,throw r)}constructor(e,t){super(),this.isLookahead=void 0,this.tokens=[],this.state=new
fe,this.state.init(e),this.input=t,this.length=t.length,this.isLookahead=!1}pushToken(e){this.tokens.length=this.state.tokensLength,this.tokens.push(e),++this.state.tokensLength}next(){this.isLookahead||(this.checkKeywordEscapes(),this.options.tokens&&this.pushToken(new
ge(this.state))),this.state.lastTokEnd=this.state.end,this.state.lastTokStart=this.state.start,this.state.lastTokEndLoc=this.state.endLoc,this.state.lastTokStartLoc=this.state.startLoc,this.nextToken()}eat(e){return!!this.match(e)&&(this.next(),!0)}match(e){return this.state.type===e}lookahead(){const
e=this.state;this.state=e.clone(!0),this.isLookahead=!0,this.next(),this.isLookahead=!1;const t=this.state;return
this.state=e,t}nextTokenStart(){return this.nextTokenStartSince(this.state.pos)}nextTokenStartSince(e){return
u.lastIndex=e,e+u.exec(this.input)[0].length}lookaheadCharCode(){return
this.input.charCodeAtAt(this.nextTokenStart())}setStrict(e){if(this.state.strict=e,this.match(o.num)||this.match(o.string))for(this.state.pos=this.state.start;this.state.pos<this.state.lineStart;)this.state.lineStart=this.input.lastIndexOf("\n",this.state.lineStart-2)+1,--this.state.curLine;this.nextToken()}curContext(){return
this.state.context[this.state.context.length-1]}nextToken(){const e=this.curContext();if((null===e?void 0:e.preserveSpace)||this.skipSpace(),this.state.octalPositions=[],this.state.start=this.state.pos,this.state.startLoc=this.s

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tate.curPosition(),this.state.pos>=this.length)return void this.finishToken(o.eof);const t=null===e?void
0:e.override;t?(this):this.getTokenFromCode(this.input.codePointAt(this.state.pos))}pushComment(e,t,r,n,i,s){const
a={type:e?"CommentBlock":"CommentLine",value:t,start:r,end:n,loc:new
f(i,s)};this.options.tokens&&this.pushToken(a),this.state.comments.push(a),this.addComment(a)}skipBlockComme
nt(){const e=this.state.curPosition(),t=this.state.pos,r=this.input.indexOf("*/",this.state.pos+2);if(-1===r)throw
this.raise(t,y.UnterminatedComment);let
n;for(this.state.pos=r+2,c.lastIndex=t;(n=c.exec(this.input))&&n.index<this.state.pos;)+this.state.curLine,this.state.
lineStart=n.index+n[0].length;this.isLookahead||this.pushComment(!0,this.input.slice(t+2,r),t,this.state.pos,e,this.stat
e.curPosition())}skipLineComment(e){const t=this.state.pos,r=this.state.curPosition();let
n=this.input.charCodeAtAt(this.state.pos+=e);if(this.state.pos<this.length)for(;!p(n)&&+this.state.pos<this.length;)n
=this.input.charCodeAtAt(this.state.pos);this.isLookahead||this.pushComment(!1,this.input.slice(t+e,this.state.pos),t,thi
s.state.pos,r,this.state.curPosition())}skipSpace(){e:for(;this.state.pos<this.length;){const
e=this.input.charCodeAtAt(this.state.pos);switch(e){case 32:case 160:case 9:++this.state.pos;break;case
13:10===this.input.charCodeAtAt(this.state.pos+1)&&+this.state.pos;case 10:case 8232:case
8233:++this.state.pos,++this.state.curLine,this.state.lineStart=this.state.pos;break;case
47:switch(this.input.charCodeAtAt(this.state.pos+1)){case 42:this.skipBlockComment();break;case
47:this.skipLineComment(2);break;default:break e}break;default:if(!d(e))break
e;+this.state.pos}}finishToken(e,t){this.state.end=this.state.pos,this.state.endLoc=this.state.curPosition();const
r=this.state.type;this.state.type=e,this.state.value=t,this.isLookahead||this.updateContext(r)}readToken_numberSign(
){if(0===this.state.pos&&this.readToken_interpreter())return;const
e=this.state.pos+1,t=this.input.charCodeAtAt(e);if(t>=48&&t<=57)throw
this.raise(this.state.pos,y.UnexpectedDigitAfterHash);if(123===t||91===t&&this.hasPlugin("recordAndTuple")){if(t
his.expectPlugin("recordAndTuple"),"hash"!==this.getPluginOption("recordAndTuple","syntaxType"))throw
this.raise(this.state.pos,123===t?y.RecordExpressionHashIncorrectStartSyntaxType:y.TupleExpressionHashIncorre
ctStartSyntaxType);123===t?this.finishToken(o.braceHashL):this.finishToken(o.bracketHashL),this.state.pos+=2}e
lse this.finishOp(o.hash,1)}readToken_dot(){const
e=this.input.charCodeAtAt(this.state.pos+1);e>=48&&e<=57?this.readNumber(!0):46===e&&46===this.input.charC
odeAt(this.state.pos+2)?(this.state.pos+=3,this.finishToken(o.ellipsis)):(+this.state.pos,this.finishToken(o.dot))}rea
dToken_slash(){if(this.state.exprAllowed&&!this.state.inType)return++this.state.pos,void
this.readRegexp();61===this.input.charCodeAtAt(this.state.pos+1)?this.finishOp(o.assign,2):this.finishOp(o.slash,1)}r
eadToken_interpreter(){if(0!==this.state.pos||this.length<2)return!1;let
e=this.input.charCodeAtAt(this.state.pos+1);if(33!==e)return!1;const
t=this.state.pos;for(this.state.pos+=1;!p(e)&&+this.state.pos<this.length;)e=this.input.charCodeAtAt(this.state.pos);c
onst r=this.input.slice(t+2,this.state.pos);return
this.finishToken(o.interpreterDirective,r,!0)}readToken_mult_modulo(e){let
t=42===e?o.star:o.modulo,r=1,n=this.input.charCodeAtAt(this.state.pos+1);const
i=this.state.exprAllowed;42===e&&42===n&&(r++,n=this.input.charCodeAtAt(this.state.pos+2),t=o.exponent),61!=
=n||i||(r++,t=o.assign),this.finishOp(t,r)}readToken_pipe_amp(e){const
t=this.input.charCodeAtAt(this.state.pos+1);if(t!==e){if(124===e){if(62===t)return void
this.finishOp(o.pipeline,2);if(this.hasPlugin("recordAndTuple")&&125===t){if("bar"!==this.getPluginOption("reco
rdAndTuple","syntaxType"))throw this.raise(this.state.pos,y.RecordExpressionBarIncorrectEndSyntaxType);return
void
this.finishOp(o.braceBarR,2)}if(this.hasPlugin("recordAndTuple")&&93===t){if("bar"!==this.getPluginOption("re
cordAndTuple","syntaxType"))throw this.raise(this.state.pos,y.TupleExpressionBarIncorrectEndSyntaxType);return
void
this.finishOp(o.bracketBarR,2)}}61!==t?this.finishOp(124===e?o.bitwiseOR:o.bitwiseAND,1):this.finishOp(o.assi
gn,2)}else
61===this.input.charCodeAtAt(this.state.pos+2)?this.finishOp(o.assign,3):this.finishOp(124===e?o.logicalOR:o.logic

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alAND,2)}readToken_caret(){61===this.input.charCodeAt(this.state.pos+1)?this.finishOp(o.assign,2):this.finishOp
(o.bitwiseXOR,1)}readToken_plus_min(e){const t=this.input.charCodeAt(this.state.pos+1);if(t===e)return
45!==t||this.inModule||62!==this.input.charCodeAt(this.state.pos+2)||0!==this.state.lastTokEnd&&!this.hasPrecedin
gLineBreak()?void this.finishOp(o.incDec,2):(this.skipLineComment(3),this.skipSpace(),void
this.nextToken());61===t?this.finishOp(o.assign,2):this.finishOp(o.plusMin,1)}readToken_lt_gt(e){const
t=this.input.charCodeAt(this.state.pos+1);let r=1;return
t===e?(r=62===e&&62===this.input.charCodeAt(this.state.pos+2)?3:2,61===this.input.charCodeAt(this.state.pos+
r)?void this.finishOp(o.assign,r+1):void
this.finishOp(o.bitShift,r)):33!==t||60!==e||this.inModule||45!==this.input.charCodeAt(this.state.pos+2)||45!==this.in
put.charCodeAt(this.state.pos+3)?(61===t&&(r=2),void
this.finishOp(o.relational,r):(this.skipLineComment(4),this.skipSpace(),void
this.nextToken()))readToken_eq_excl(e){const t=this.input.charCodeAt(this.state.pos+1);if(61!==t)return
61===e&&62===t?(this.state.pos+=2,void this.finishToken(o.arrow)):void
this.finishOp(61===e?o.eq:o.bang,1);this.finishOp(o.equality,61===this.input.charCodeAt(this.state.pos+2)?3:2)}re
adToken_question(){const
e=this.input.charCodeAt(this.state.pos+1),t=this.input.charCodeAt(this.state.pos+2);63===e?61===t?this.finishOp(
o.assign,3):this.finishOp(o.nullishCoalescing,2):46!==e||t>=48&&t<=57?(++this.state.pos,this.finishToken(o.questi
on)):this.state.pos+=2,this.finishToken(o.questionDot)}getTokenFromCode(e){switch(e){case 46:return void
this.readToken_dot();case 40:return++this.state.pos,void this.finishToken(o.parenL);case
41:return++this.state.pos,void this.finishToken(o.parenR);case 59:return++this.state.pos,void
this.finishToken(o.semi);case 44:return++this.state.pos,void this.finishToken(o.comma);case
91:if(this.hasPlugin("recordAndTuple")&&124===this.input.charCodeAt(this.state.pos+1)){if("bar"!==this.getPlugi
nOption("recordAndTuple","syntaxType"))throw
this.raise(this.state.pos,y.TupleExpressionBarIncorrectStartSyntaxType);this.finishToken(o.bracketBarL),this.state.p
os+=2}else++this.state.pos,this.finishToken(o.bracketL);return;case 93:return++this.state.pos,void
this.finishToken(o.bracketR);case
123:if(this.hasPlugin("recordAndTuple")&&124===this.input.charCodeAt(this.state.pos+1)){if("bar"!==this.getPlugi
nOption("recordAndTuple","syntaxType"))throw
this.raise(this.state.pos,y.RecordExpressionBarIncorrectStartSyntaxType);this.finishToken(o.braceBarL),this.state.p
os+=2}else++this.state.pos,this.finishToken(o.braceL);return;case 125:return++this.state.pos,void
this.finishToken(o.braceR);case 58:return
void(this.hasPlugin("functionBind")&&58===this.input.charCodeAt(this.state.pos+1)?this.finishOp(o.doubleColon,
2):(++this.state.pos,this.finishToken(o.colon));case 63:return void this.readToken_question();case
96:return++this.state.pos,void this.finishToken(o.backQuote);case 48:{const
e=this.input.charCodeAt(this.state.pos+1);if(120===e||88===e)return void
this.readRadixNumber(16);if(111===e||79===e)return void this.readRadixNumber(8);if(98===e||66===e)return
void this.readRadixNumber(2)}case 49:case 50:case 51:case 52:case 53:case 54:case 55:case 56:case 57:return void
this.readNumber(!1);case 34:case 39:return void this.readString(e);case 47:return void this.readToken_slash();case
37:case 42:return void this.readToken_mult_modulo(e);case 124:case 38:return void
this.readToken_pipe_amp(e);case 94:return void this.readToken_caret();case 43:case 45:return void
this.readToken_plus_min(e);case 60:case 62:return void this.readToken_lt_gt(e);case 61:case 33:return void
this.readToken_eq_excl(e);case 126:return void this.finishOp(o.tilde,1);case 64:return++this.state.pos,void
this.finishToken(o.at);case 35:return void this.readToken_numberSign();case 92:return void
this.readWord();default:if(O(e))return void this.readWord()}throw
this.raise(this.state.pos,y.InvalidOrUnexpectedToken,String.fromCodePoint(e))}finishOp(e,t){const
r=this.input.slice(this.state.pos,this.state.pos+t);this.state.pos+=t,this.finishToken(e,r)}readRegexp(){const
e=this.state.pos;let t,r;for(;;){if(this.state.pos>=this.length)throw this.raise(e,y.UnterminatedRegExp);const
n=this.input.charAt(this.state.pos);if(l.test(n))throw

```

```

this.raise(e,y.UnterminatedRegExp);if(t)!1;else{if("[====n)r=!0;else if("]====n&&r)!1;else
if("/"====n&&lr)break;t=="\\"====n}++this.state.pos}const n=this.input.slice(e,this.state.pos);++this.state.pos;let
i="";for(;this.state.pos<this.length;){const
e=this.input[this.state.pos],t=this.input.codePointAt(this.state.pos);if(ye.has(e))i.indexOf(e)>-
1&&this.raise(this.state.pos+1,y.DuplicateRegExpFlags);else{if(!t)&&92!==(t)break;this.raise(this.state.pos+1,y.
MalformedRegExpFlags)}++this.state.pos,i+=e}this.finishToken(o.regex, {pattern:n,flags:i})readInt(e,t,r,n=!0){c
onst i=this.state.pos,s=16===e?Te.hex:Te.decBinOct,a=16===e?be.hex:10===e?be.dec:8===e?be.oct:be.bin;let
o=!1,l=0;for(let i=0,c=null==t?1/0:t;i<c;++i){const t=this.input.charCodeAtAt(this.state.pos);let
c;if(95!==(t){if(c>t>=97?t-97+10:t>=65?t-65+10:me(t)?t-
48:1/0,c>=e)if(this.options.errorRecovery&&c<=9)c=0,this.raise(this.state.start+i+2,y.InvalidDigit,e);else{if(!r)bre
ak;c=0,o=!0}++this.state.pos,l=1*e+c}const e=this.input.charCodeAtAt(this.state.pos-
1),t=this.input.charCodeAtAt(this.state.pos+1);(-1===a.indexOf(t)||s.indexOf(e)>-1||s.indexOf(t)>-
1||Number.isNaN(t))&&this.raise(this.state.pos,y.UnexpectedNumericSeparator,n)||this.raise(this.state.pos,y.Numeri
cSeparatorInEscapeSequence),++this.state.pos}return this.state.pos===i||null!=t&&this.state.pos-
i!==(t||o?null:l)readRadixNumber(e){const t=this.state.pos;let r=!1,this.state.pos+=2;const
n=this.readInt(e);null==n&&this.raise(this.state.start+2,y.InvalidDigit,e);const
i=this.input.charCodeAtAt(this.state.pos);if(110===i)++this.state.pos,r=!0;else if(109===i)throw
this.raise(t,y.InvalidDecimal);if(O(this.input.codePointAt(this.state.pos)))throw
this.raise(this.state.pos,y.NumberIdentifier);if(r){const
e=this.input.slice(t,this.state.pos).replace(/[_n]/g,"");this.finishToken(o.bigint,e)}else
this.finishToken(o.num,n)}readNumber(e){const t=this.state.pos;let
r=!1,n=!1,i=!1,s=!1,a=!1,e||null!==(this.readInt(10)||this.raise(t,y.InvalidNumber));const l=this.state.pos-
t>=2&&48===this.input.charCodeAtAt(t);if(l){const
e=this.input.slice(t,this.state.pos);if(this.state.strict)this.raise(t,y.StrictOctalLiteral);else{const
r=e.indexOf("_");r>0&&this.raise(r+t,y.ZeroDigitNumericSeparator)}a=l&&!/[/89]/.test(e)}let
c=this.input.charCodeAtAt(this.state.pos);if(46!==(c||a)(++this.state.pos,this.readInt(10),r=!0,c=this.input.charCodeAtAt(
his.state.pos)),69!==(c&&101!==(c||a)(c=this.input.charCodeAtAt(++this.state.pos),43!==(c&&45!==(c||++this.state.pos,
null===this.readInt(10))&&this.raise(t,y.InvalidOrMissingExponent),r=!0,s=!0,c=this.input.charCodeAtAt(this.state.po
s)),110===c&&((r||l)&&this.raise(t,y.InvalidBigIntLiteral),++this.state.pos,n=!0),109===c&&(this.expectPlugin("d
ecimal",this.state.pos),(s||l)&&this.raise(t,y.InvalidDecimal),++this.state.pos,i=!0),O(this.input.codePointAt(this.stat
e.pos)))throw this.raise(this.state.pos,y.NumberIdentifier);const
p=this.input.slice(t,this.state.pos).replace(/[_mn]/g,"");if(n)return void this.finishToken(o.bigint,p);if(i)return void
this.finishToken(o.decimal,p);const
u=a?parseInt(p,8):parseFloat(p);this.finishToken(o.num,u)}readCodePoint(e){let
t;if(123===this.input.charCodeAtAt(this.state.pos)){const
r=++this.state.pos;if(t=this.readHexChar(this.input.indexOf(")",this.state.pos)-
this.state.pos,!0,e),++this.state.pos,null!==(t&&t>1114111){if(!e)return null;this.raise(r,y.InvalidCodePoint)}}else
t=this.readHexChar(4,!1,e);return t}readString(e){let
t="",r=++this.state.pos;for(;;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,y.UnterminatedString);const
n=this.input.charCodeAtAt(this.state.pos);if(n===e)break;if(92===n)t+=this.input.slice(r,this.state.pos),t+=this.readEs
capedChar(!1),r=this.state.pos;else
if(8232===n||8233===n)++this.state.pos,++this.state.curLine,this.state.lineStart=this.state.pos;else{if(p(n))throw
this.raise(this.state.start,y.UnterminatedString);++this.state.pos}}t+=this.input.slice(r,this.state.pos++),this.finishTo
ken(o.string,t)}readTplToken(){let e="",t=this.state.pos,r=!1;for(;;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,y.UnterminatedTemplate);const
n=this.input.charCodeAtAt(this.state.pos);if(96===n||36===n&&123===this.input.charCodeAtAt(this.state.pos+1))retur
n this.state.pos===this.state.start&&this.match(o.template)?36===n?(this.state.pos+=2,void

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```

this.finishToken(o.dollarBraceL):(++this.state.pos,void
this.finishToken(o.backQuote):(e+=this.input.slice(t,this.state.pos),void
this.finishToken(o.template,r?null:e);if(92===n){e+=this.input.slice(t,this.state.pos);const
n=this.readEscapedChar(!0);null===n?r=!0:e+=n,t=this.state.pos}else
if(p(n)){switch(e+=this.input.slice(t,this.state.pos),++this.state.pos,n){case
13:10===this.input.charCodeAt(this.state.pos)&&++this.state.pos;case
10:e+="\n";break;default:e+=String.fromCharCode(n)}++this.state.curLine,this.state.lineStart=this.state.pos,t=this.s
tate.pos}else++this.state.pos}}readEscapedChar(e){const
t=e,r=this.input.charCodeAt(++this.state.pos);switch(++this.state.pos,r){case 110:return"\n";case
114:return"r";case 120:{const e=this.readHexChar(2,1,t);return null===e?null:String.fromCharCode(e)}case
117:{const e=this.readCodePoint(t);return null===e?null:String.fromCodePoint(e)}case 116:return"t";case
98:return"b";case 118:return"v";case 102:return"f";case
13:10===this.input.charCodeAt(this.state.pos)&&++this.state.pos;case
10:this.state.lineStart=this.state.pos,++this.state.curLine;case 8232:case 8233:return"";case 56:case 57:if(e)return
null;this.state.strict&&this.raise(this.state.pos-1,y.StrictNumericEscape);default:if(r>=48&&r<=55){const
t=this.state.pos-1;let r=this.input.substr(this.state.pos-1,3).match(/^[0-
7]+/)[0],n=parseInt(r,8);n>255&&(r=r.slice(0,-1),n=parseInt(r,8)),this.state.pos+=r.length-1;const
i=this.input.charCodeAt(this.state.pos);if("0"!==r||56===i||57===i){if(e)return
null;this.state.strict?this.raise(t,y.StrictNumericEscape):this.state.octalPositions.push(t)}return
String.fromCharCode(n)}return String.fromCharCode(r)}}readHexChar(e,t,r){const
n=this.state.pos,i=this.readInt(16,e,t,!1);return
null===i&&(r?this.raise(n,y.InvalidEscapeSequence):this.state.pos=n-1,i)}readWord1(){let
e="";this.state.containsEsc=!1;const t=this.state.pos;let r=this.state.pos;for(;this.state.pos<this.length;){const
n=this.input.codePointAt(this.state.pos);if(I(n))this.state.pos+=n<=65535?1:2;else
if(this.state.isIterator&&64===n)++this.state.pos;else{if(92!==(n))break;{this.state.containsEsc=!0,e+=this.input.slic
e(r,this.state.pos);const
n=this.state.pos,i=this.state.pos===t?O:I;if(117!==(this.input.charCodeAt(++this.state.pos))){this.raise(this.state.pos,
y.MissingUnicodeEscape);continue}}++this.state.pos;const
s=this.readCodePoint(!0);null!==s&&(i(s)||this.raise(n,y.EscapedCharNotAnIdentifier),e+=String.fromCodePoint(s)
),r=this.state.pos}}return
e+this.input.slice(r,this.state.pos)}isIterator(e){return"@ @iterator"===e||"@ @asyncIterator"===e}readWord(){con
st
e=this.readWord1(),t=i.get(e)||o.name;!this.state.isIterator||this.isIterator(e)&&this.state.inType||this.raise(this.state.p
os,y.InvalidIdentifier,e),this.finishToken(t,e)}checkKeywordEscapes(){const
e=this.state.type.keyword;e&&this.state.containsEsc&&this.raise(this.state.start,y.InvalidEscapedReservedWord,e)}
braceIsBlock(e){const t=this.curContext();return
t===g.functionExpression||t===g.functionStatement||(e!==(o.colon)||t===g.braceStatement&&t!==(g.braceExpression?
e===o._return||e===o.name&&this.state.exprAllowed?this.hasPrecedingLineBreak():e===o._else||e===o.semi||e===
=o.eof||e===o.parenR||e===o.arrow||(e===o.braceL?t===g.braceStatement:e!==(o._var&&e!==(o._const&&e!==(o.name&&
(e===o.relational||!this.state.exprAllowed)):!t.isExpr)}updateContext(e){const t=this.state.type;let
r;!t.keyword||e!==(o.dot&&e!==(o.questionDot?(r=t.updateContext)?r.call(this,e):this.state.exprAllowed=t.beforeExp
r:this.state.exprAllowed=!1)}}addExtra(e,t,r){if(!e)return;(e.extra=e.extra||{})[t]=r}isRelational(e){return
this.match(o.relational)&&this.state.value===e}expectRelational(e){this.isRelational(e)?this.next():this.unexpected(
null,o.relational)}isContextual(e){return
this.match(o.name)&&this.state.value===e&&!this.state.containsEsc}isUnparsedContextual(e,t){const
r=e+t.length;return
this.input.slice(e,r)===t&&(r===this.input.length||!I(this.input.charCodeAt(r)))}isLookaheadContextual(e){const
t=this.nextTokenStart();return this.isUnparsedContextual(t,e)}eatContextual(e){return

```

```

this.isContextual(e)&&this.eat(o.name)}expectContextual(e,t){this.eatContextual(e)||this.unexpected(null,t)}canInsertSemicolon(){return
this.match(o.eof)||this.match(o.braceR)||this.hasPrecedingLineBreak()}hasPrecedingLineBreak(){return
l.test(this.input.slice(this.state.lastTokEnd,this.state.start))}isLineTerminator(){return
this.eat(o.semi)||this.canInsertSemicolon()}semicolon(){this.isLineTerminator()}||this.unexpected(null,o.semi)}expect(e,t){this.eat(e)||this.unexpected(t,e)}assertNoSpace(e="Unexpected
space."){this.state.start>this.state.lastTokEnd&&this.raise(this.state.lastTokEnd,e)}unexpected(e,t="Unexpected
token"){throw"string"!=typeof t&&(t=`Unexpected token, expected
"${t.label}"`),this.raise(null!=e?e:this.state.start,t)}expectPlugin(e,t){if(!this.hasPlugin(e))throw
this.raiseWithData(null!=t?t:this.state.start,{missingPlugin:[e]},`This experimental syntax requires enabling the
parser plugin: '${e}'`);return!0}expectOnePlugin(e,t){if(!e.some(e=>this.hasPlugin(e)))throw
this.raiseWithData(null!=t?t:this.state.start,{missingPlugin:e},`This experimental syntax requires enabling one of the
following parser plugin(s): '${e.join(", ")}'`)}tryParse(e,t=this.state.clone()){const r={node:null};try{const
n=e((e=null)=>{throw r.node=e,r});if(this.state.errors.length>t.errors.length){const e=this.state;return
this.state=t,{node:n,error:e.errors[t.errors.length],thrown:!1,aborted:!1,failState:e}}return{node:n,error:null,thrown:
!1,aborted:!1,failState:null}}catch(e){const n=this.state;if(this.state=t,e instanceof
SyntaxError)return{node:null,error:e,thrown:!0,aborted:!1,failState:n};if(e===r)return{node:r.node,error:null,throw
n:!1,aborted:!0,failState:n};throw
e}}checkExpressionErrors(e,t){if(!e)return!1;const{shorthandAssign:r,doubleProto:n}=e;if(!t)return
r>=0||n>=0;r>=0&&this.unexpected(r,n>=0&&this.raise(n,y.DuplicateProto)}isLiteralPropertyName(){return
this.match(o.name)||!this.state.type.keyword||this.match(o.string)||this.match(o.num)||this.match(o.bigint)||this.matc
h(o.decimal)}}startNode(){return new xe(this,this.state.start,this.state.startLoc)}startNodeAt(e,t){return new
xe(this,e,t)}startNodeAtNode(e){return this.startNodeAt(e.start,e.loc.start)}finishNode(e,t){return
this.finishNodeAt(e,t,this.state.lastTokEnd,this.state.lastTokEndLoc)}finishNodeAt(e,t,r,n){return
e.type=t,e.end=r,e.loc.end=n,this.options.ranges&&(e.range[1]=r),this.processComment(e,e)resetStartLocation(e,t,
r){e.start=t,e.loc.start=r,this.options.ranges&&(e.range[0]=t)}resetEndLocation(e,t=this.state.lastTokEnd,r=this.stat
e.lastTokEndLoc){e.end=t,e.loc.end=r,this.options.ranges&&(e.range[1]=t)}resetStartLocationFromNode(e,t){this.r
esetStartLocation(e,t.start,t.loc.start)}}toAssignable(e){var t,r;let n=void
0;switch(("ParenthesizedExpression"===e.type||(null==(t=e.extra)?void
0:t.parenthesized))&&(n=Ee(e),"Identifier"!==n.type&&"MemberExpression"!==n.type&&this.raise(e.start,y.Invalid
ParenthesizedAssignment)),e.type){case"Identifier":case"ObjectPattern":case"ArrayPattern":case"AssignmentPatte
rn":break;case"ObjectExpression":e.type="ObjectPattern";for(let t=0,r=e.properties.length,n=r-1;t<r;t++){var
i;const
r=e.properties[t],s=t===n;this.toAssignableObjectExpressionProp(r,s)&&"RestElement"===r.type&&(null==(i=e.
extra)?void
0:i.trailingComma)&&this.raiseRestNotLast(e.extra.trailingComma)}break;case"ObjectProperty":this.toAssignable(
e.value);break;case"SpreadElement":{this.checkToRestConversion(e),e.type="RestElement";const
t=e.argument;this.toAssignable(t);break}case"ArrayExpression":e.type="ArrayPattern",this.toAssignableList(e.elem
ents,null==(r=e.extra)?void
0:r.trailingComma);break;case"AssignmentExpression":e.type="AssignmentPattern",delete
e.operator,this.toAssignable(e.left);break;case"ParenthesizedExpression":this.toAssignable(n)}return
e}toAssignableObjectExpressionProp(e,t){if("ObjectMethod"===e.type){const
t="get"===e.kind||"set"===e.kind?y.PatternHasAccessor:y.PatternHasMethod;this.raise(e.key.start,t)}else"SpreadEl
ement"===e.type||t?this.toAssignable(e):this.raiseRestNotLast(e.start)}toAssignableList(e,t){let
r=e.length;if(r){const n=e[r-1];if("RestElement"===(null==n?void 0:n.type))--r;else
if("SpreadElement"===(null==n?void 0:n.type)){n.type="RestElement";const
e=n.argument;this.toAssignable(e),"Identifier"!==e.type&&"MemberExpression"!==e.type&&"ArrayPattern"!==e.t

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```

ype&&"ObjectPattern"!==e.type&&this.unexpected(e.start),t&&this.raiseTrailingCommaAfterRest(t,--r)}for(let
t=0;t<r;t++){const
r=e[t];r&&(this.toAssignable(r),"RestElement"===r.type&&this.raiseRestNotLast(r.start))}return
e}toReferencedList(e,t){return e}toReferencedListDeep(e,t){this.toReferencedList(e,t);for(let
t=0;t<e.length;t++){const r=e[t];"ArrayExpression"===r?(null===r?void
0:r.type)&&this.toReferencedListDeep(r.elements)}}parseSpread(e,t){const r=this.startNode();return
this.next(),r.argument=this.parseMaybeAssignAllowIn(e,void
0,t),this.finishNode(r,"SpreadElement")}parseRestBinding(){const e=this.startNode();return
this.next(),e.argument=this.parseBindingAtom(),this.finishNode(e,"RestElement")}parseBindingAtom(){switch(this
.state.type){case o.bracketL:{const e=this.startNode();return
this.next(),e.elements=this.parseBindingList(o.bracketR,93,!0),this.finishNode(e,"ArrayPattern")}case
o.braceL:return this.parseObjectLike(o.braceR,!0)}return this.parseIdentifier()}parseBindingList(e,t,r,n){const
i=[];let
s=!0;for(;!this.eat(e);if(s?s=!1:this.expect(o.comma),r&&this.match(o.comma))i.push(null);else{if(this.eat(e))break
;if(this.match(o.ellipsis)){i.push(this.parseAssignableListItemTypes(this.parseRestBinding()),this.checkCommaAft
erRest(t),this.expect(e));break}}const
e=[];for(this.match(o.at)&&this.hasPlugin("decorators")&&this.raise(this.state.start,y.UnsupportedParameterDecora
tor);this.match(o.at);)e.push(this.parseDecorator());i.push(this.parseAssignableListItem(n,e))}return
i}parseAssignableListItem(e,t){const r=this.parseMaybeDefault();this.parseAssignableListItemTypes(r);const
n=this.parseMaybeDefault(r.start,r.loc.start,r);return
t.length&&(r.decorators=t),n}parseAssignableListItemTypes(e){return e}parseMaybeDefault(e,t,r){var
n,i,s;if(t=null!=(n=t)?n:this.state.startLoc,e=null!=(i=e)?i:this.state.start,r=null!=(s=r)?s:this.parseBindingAtom(),!th
is.eat(o.eq))return r;const a=this.startNodeAt(e,t);return
a.left=r,a.right=this.parseMaybeAssignAllowIn(),this.finishNode(a,"AssignmentPattern")}checkLVal(e,t=64,r,n,i,s=
!1){switch(e.type){case"Identifier":if(this.state.strict&&(s?F(e.name,this.inModule):j(e.name))&&this.raise(e.start,6
4===t?y.StrictEvalArguments:y.StrictEvalArgumentsBinding,e.name),r){const
t="_"+e.name;r[t]?this.raise(e.start,y.ParamDupe):r[t]=!0;i&&"let"===e.name&&this.raise(e.start,y.LetInLexicalBi
nding),64&t||this.scope.declareName(e.name,t,e.start);break;case"MemberExpression":64!==t&&this.raise(e.start,y
.InvalidPropertyBindingPattern);break;case"ObjectPattern":for(let n=0,s=e.properties;n<s.length;n++){let
e=s[n];if("ObjectProperty"===e.type)e=e.value;else
if("ObjectMethod"===e.type)continue;this.checkLVal(e,t,r,"object destructuring
pattern",i)}break;case"ArrayPattern":for(let n=0,s=e.elements;n<s.length;n++){const
e=s[n];e&&this.checkLVal(e,t,r,"array destructuring
pattern",i)}break;case"AssignmentPattern":this.checkLVal(e.left,t,r,"assignment
pattern");break;case"RestElement":this.checkLVal(e.argument,t,r,"rest
element");break;case"ParenthesizedExpression":this.checkLVal(e.expression,t,r,"parenthesized
expression");break;default:this.raise(e.start,64===t?y.InvalidLhs:y.InvalidLhsBinding,n)}}checkToRestConversion(
e){"Identifier"!==e.argument.type&&"MemberExpression"!==e.argument.type&&this.raise(e.argument.start,y.Invalid
RestAssignmentPattern)}checkCommaAfterRest(e){this.match(o.comma)&&(this.lookaheadCharCode()===e?thi
s.raiseTrailingCommaAfterRest(this.state.start):this.raiseRestNotLast(this.state.start))}raiseRestNotLast(e){throw
this.raise(e,y.ElementAfterRest)}raiseTrailingCommaAfterRest(e){this.raise(e,y.RestTrailingComma)}}{checkProt
o(e,t,r,n){if("SpreadElement"===e.type||"ObjectMethod"===e.type||e.computed||e.shorthand)return;const
i=e.key;if("__proto__"===("Identifier"===i.type?i.name:i.value)){if(t)return void
this.raise(i.start,y.RecordNoProto);r.used&&(n?-
1===n.doubleProto&&(n.doubleProto=i.start):this.raise(i.start,y.DuplicateProto)),r.used=!0}}shouldExitDescending
(e,t){return"ArrowFunctionExpression"===e.type&&e.start===t}getExpression(){let
e=0;this.hasPlugin("topLevelAwait")&&this.inModule&&(e|=2),this.scope.enter(1),this.prodParam.enter(e),this.nex
tToken();const t=this.parseExpression();return

```

```

this.match(o.eof)||this.unexpected(),t.comments=this.state.comments,t.errors=this.state.errors,t)parseExpression(e,t)
{return
e?this.disallowInAnd(=>this.parseExpressionBase(t)):this.allowInAnd(=>this.parseExpressionBase(t))}parseExp
ressionBase(e){const
t=this.state.start,r=this.state.startLoc,n=this.parseMaybeAssign(e);if(this.match(o.comma)){const
i=this.startNodeAt(t,r);for(i.expressions=[n];this.eat(o.comma);i.expressions.push(this.parseMaybeAssign(e));retur
n this.toReferencedList(i.expressions),this.finishNode(i,"SequenceExpression"))}return
n}parseMaybeAssignDisallowIn(e,t,r){return
this.disallowInAnd(=>this.parseMaybeAssign(e,t,r))}parseMaybeAssignAllowIn(e,t,r){return
this.allowInAnd(=>this.parseMaybeAssign(e,t,r))}parseMaybeAssign(e,t,r){const
n=this.state.start,i=this.state.startLoc;if(this.isContextual("yield")&&this.prodParam.hasYield){this.state.exprAllow
ed=!0;let e=this.parseYield();return t&&(e=t.call(this,e,n,i)),e}let s;e?s=!1:(e=new
Se,s=!0),(this.match(o.parenL)||this.match(o.name))&&(this.state.potentialArrowAt=this.state.start);let
a=this.parseMaybeConditional(e,r);if(t&&(a=t.call(this,a,n,i)),this.state.type.isAssign){const
t=this.startNodeAt(n,i),r=this.state.value;return
t.operator=r,this.match(o.eq)?(t.left=this.toAssignable(a),e.doubleProto=-
1):t.left=a,e.shorthandAssign>=t.left.start&&(e.shorthandAssign=-1),this.checkLVal(a,void 0,void 0,"assignment
expression"),this.next(),t.right=this.parseMaybeAssign(),this.finishNode(t,"AssignmentExpression")}return
s&&this.checkExpressionErrors(e,!0),a}parseMaybeConditional(e,t){const
r=this.state.start,n=this.state.startLoc,i=this.state.potentialArrowAt,s=this.parseExprOps(e);return
this.shouldExitDescending(s,i)?s:this.parseConditional(s,r,n,t)}parseConditional(e,t,r,n){if(this.eat(o.question)){con
st n=this.startNodeAt(t,r);return
n.test=e,n.consequent=this.parseMaybeAssignAllowIn(),this.expect(o.colon),n.alternate=this.parseMaybeAssign(),t
his.finishNode(n,"ConditionalExpression")}return e}parseExprOps(e){const
t=this.state.start,r=this.state.startLoc,n=this.state.potentialArrowAt,i=this.parseMaybeUnary(e);return
this.shouldExitDescending(i,n)?i:this.parseExprOp(i,t,r,-1)}parseExprOp(e,t,r,n){let
i=this.state.type.binop;if(null!=i&&(this.prodParam.hasIn||!this.match(o._in))&&i>n){const
s=this.state.type;if(s===o.pipeline){if(this.expectPlugin("pipelineOperator"),this.state.inFSharpPipelineDirectBody)
return e;this.state.inPipeline=!0,this.checkPipelineAtInfixOperator(e,t)}const
a=this.startNodeAt(t,r);a.left=e,a.operator=this.state.value,s!===o.exponent||"UnaryExpression"!==e.type||!this.option
s.createParenthesizedExpressions&&e.extra&&e.extra.parenthesized||this.raise(e.argument.start,y.UnexpectedToken
UnaryExponentiation);const
l=s===o.logicalOR||s===o.logicalAND,c=s===o.nullishCoalescing;if(c&&(i=o.logicalAND.binop),this.next(),s===
o.pipeline&&"minimal"===this.getPluginOption("pipelineOperator","proposal")&&this.match(o.name)&&"await"
===this.state.value&&this.prodParam.hasAwait)throw
this.raise(this.state.start,y.UnexpectedAwaitAfterPipelineBody);a.right=this.parseExprOpRightExpr(s,i),this.finishN
ode(a,l|c?"LogicalExpression":"BinaryExpression");const
p=this.state.type;if(c&&(p===o.logicalOR||p===o.logicalAND)||l&&p===o.nullishCoalescing)throw
this.raise(this.state.start,y.MixingCoalesceWithLogical);return this.parseExprOp(a,t,r,n)}return
e}parseExprOpRightExpr(e,t){const r=this.state.start,n=this.state.startLoc;switch(e){case
o.pipeline:switch(this.getPluginOption("pipelineOperator","proposal")){case"smart":return
this.withTopicPermittingContext(=>this.parseSmartPipelineBody(this.parseExprOpBaseRightExpr(e,t),r,n));case"f
sharp":return this.withSoloAwaitPermittingContext(=>this.parseFSharpPipelineBody(t))}default:return
this.parseExprOpBaseRightExpr(e,t)}parseExprOpBaseRightExpr(e,t){const
r=this.state.start,n=this.state.startLoc;return this.parseExprOp(this.parseMaybeUnary(),r,n,e.rightAssociative?t-
1:t)}parseMaybeUnary(e){if(this.isContextual("await")&&this.isAwaitAllowed())return this.parseAwait();const
t=this.match(o.incDec),r=this.startNode();if(this.state.type.prefix){r.operator=this.state.value,r.prefix=!0,this.match(
o._throw)&&this.expectPlugin("throwExpressions");const

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n=this.match(o._delete);if(this.next(),r.argument=this.parseMaybeUnary(),this.checkExpressionErrors(e,!0),this.stat
e.strict&&n){const
e=r.argument;"Identifier"===e.type?this.raise(r.start,y.StrictDelete):"MemberExpression"!==e.type&&"OptionalMe
mberExpression"!==e.type||"PrivateName"!==e.property.type||this.raise(r.start,y.DeletePrivateField)}if(!t)return
this.finishNode(r,"UnaryExpression")}return this.parseUpdate(r,t,e)}parseUpdate(e,t,r){if(t)return
this.checkLVal(e.argument,void 0,void 0,"prefix operation"),this.finishNode(e,"UpdateExpression");const
n=this.state.start,i=this.state.startLoc;let s=this.parseExprSubscripts(r);if(this.checkExpressionErrors(r,!1))return
s;for(;this.state.type.postfix&&!this.canInsertSemicolon();){const
e=this.startNodeAt(n,i);e.operator=this.state.value,e.prefix=!1,e.argument=s,this.checkLVal(s,void 0,void 0,"postfix
operation"),this.next(),s=this.finishNode(e,"UpdateExpression")}return s}parseExprSubscripts(e){const
t=this.state.start,r=this.state.startLoc,n=this.state.potentialArrowAt,i=this.parseExprAtom(e);return
this.shouldExitDescending(i,n)?i:this.parseSubscripts(i,t,r)}parseSubscripts(e,t,r,n){const
i={optionalChainMember:!1,maybeAsyncArrow:this.atPossibleAsyncArrow(e),stop:!1};do{e=this.parseSubscript(e,
t,r,n,i),i.maybeAsyncArrow=!1}while(!i.stop);return
e}parseSubscript(e,t,r,n,i){if(!n&&this.eat(o.doubleColon))return
this.parseBind(e,t,r,n,i);if(this.match(o.backQuote))return this.parseTaggedTemplateExpression(e,t,r,i);let
s=!1;if(this.match(o.questionDot)){if(i.optionalChainMember=s=!0,n&&40===this.lookaheadCharCode())return
i.stop=!0,e;this.next()}return!n&&this.match(o.parenL)?this.parseCoverCallAndAsyncArrowHead(e,t,r,i,s):s||this.m
atch(o.bracketL)||this.eat(o.dot)?this.parseMember(e,t,r,i,s):(i.stop=!0,e)}parseMember(e,t,r,n,i){const
s=this.startNodeAt(t,r),a=this.eat(o.bracketL);s.object=e,s.computed=a;const
l=a?this.parseExpression():this.parseMaybePrivateName(!0);return"PrivateName"===l.type&&("Super"===s.object
.type&&this.raise(t,y.SuperPrivateField),this.classScope.usePrivateName(l.id.name,l.start)),s.property=l,a&&this.ex
pect(o.bracketR),n.optionalChainMember?(s.optional=i,this.finishNode(s,"OptionalMemberExpression")):this.finish
Node(s,"MemberExpression")}parseBind(e,t,r,n,i){const s=this.startNodeAt(t,r);return
s.object=e,s.callee=this.parseNoCallExpr(),i.stop=!0,this.parseSubscripts(this.finishNode(s,"BindExpression"),t,r,n)
}parseCoverCallAndAsyncArrowHead(e,t,r,n,i){const
s=this.state.maybeInArrowParameters;this.state.maybeInArrowParameters=!0,this.next();let
a=this.startNodeAt(t,r);return a.callee=e,n.maybeAsyncArrow&&this.expressionScope.enter(new
ve(2)),n.optionalChainMember&&(a.optional=i),a.arguments=i?this.parseCallExpressionArguments(o.parenR,!1):th
is.parseCallExpressionArguments(o.parenR,n.maybeAsyncArrow,"Import"===e.type,"Super"!==e.type,a),this.finis
hCallExpression(a,n.optionalChainMember),n.maybeAsyncArrow&&this.shouldParseAsyncArrow()&&!i?(n.stop=!
0,this.expressionScope.validateAsPattern(),this.expressionScope.exit(),a=this.parseAsyncArrowFromCallExpression
(this.startNodeAt(t,r),a):(n.maybeAsyncArrow&&this.expressionScope.exit(),this.toReferencedArguments(a),this.
state.maybeInArrowParameters=s,a)}toReferencedArguments(e,t){this.toReferencedListDeep(e.arguments,t)}parseT
aggedTemplateExpression(e,t,r,n){const i=this.startNodeAt(t,r);return
i.tag=e,i.quasi=this.parseTemplate(!0),n.optionalChainMember&&this.raise(t,y.OptionalChainingNoTemplate),this.
finishNode(i,"TaggedTemplateExpression")}atPossibleAsyncArrow(e){return"Identifier"===e.type&&"async"===e
.name&&this.state.lastTokEnd===e.end&&!this.canInsertSemicolon()&&e.end-
e.start===5&&e.start===this.state.potentialArrowAt}finishCallExpression(e,t){if("Import"===e.callee.type)if(2===e
.arguments.length&&(this.hasPlugin("moduleAttributes")||this.expectPlugin("importAssertions")),0===e.arguments.
length||e.arguments.length>2)this.raise(e.start,y.ImportCallArity,this.hasPlugin("importAssertions")||this.hasPlugin("
moduleAttributes")?"one or two arguments":"one argument");else for(let t=0,r=e.arguments;t<r.length;t++){const
e=r[t];"SpreadElement"===e.type&&this.raise(e.start,y.ImportCallSpreadArgument)}return
this.finishNode(e,t?"OptionalCallExpression":"CallExpression")}parseCallExpressionArguments(e,t,r,n,i){const
s=[];let a,l=!0;const
c=this.state.inFSharpPipelineDirectBody;for(this.state.inFSharpPipelineDirectBody=!1;!this.eat(e);){if(l)=!1;else
if(this.expect(o.comma),this.match(e)){!r||this.hasPlugin("importAssertions")||this.hasPlugin("moduleAttributes")||th
is.raise(this.state.lastTokStart,y.ImportCallArgumentTrailingComma),i&&this.addExtra(i,"trailingComma",this.stat

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e.lastTokStart),this.next();break}this.match(o.parenL)&&!a&&(a=this.state.start),s.push(this.parseExprListItem(!1,t
?new Se:void 0,t){start:0}:void 0,n))}return
t&&a&&this.shouldParseAsyncArrow()&&this.unexpected(),this.state.inFSharpPipelineDirectBody=c,s}shouldPar
seAsyncArrow(){return
this.match(o.arrow)&&!this.canInsertSemicolon()}parseAsyncArrowFromCallExpression(e,t){var r;return
this.expect(o.arrow),this.parseArrowExpression(e,t.arguments,!0,null==(r=t.extra)?void
0:r.trailingComma,e)}parseNoCallExpr(){const e=this.state.start,t=this.state.startLoc;return
this.parseSubscripts(this.parseExprAtom(),e,t,!0)}parseExprAtom(e){this.state.type===o.slash&&this.readRegexp()
;const t=this.state.potentialArrowAt===this.state.start;let r;switch(this.state.type){case o._super:return
this.parseSuper();case o._import:return
r=this.startNode(),this.next(),this.match(o.dot)?this.parseImportMetaProperty(r):(this.match(o.parenL)||this.raise(this
.state.lastTokStart,y.UnsupportedImport),this.finishNode(r,"Import"));case o._this:return
r=this.startNode(),this.next(),this.finishNode(r,"ThisExpression");case o.name:{const
e=this.state.containsEsc,r=this.parseIdentifier();if(!e&&"async"===r.name&&!this.canInsertSemicolon()){if(this.m
atch(o._function)){const e=this.state.context.length-1;if(this.state.context[e]!==g.functionStatement)throw new
Error("Internal error");return
this.state.context[e]=g.functionExpression,this.next(),this.parseFunction(this.startNodeAtNode(r),void
0,!0)}if(this.match(o.name))return this.parseAsyncArrowUnaryFunction(r)}return
t&&this.match(o.arrow)&&!this.canInsertSemicolon()?(this.next(),this.parseArrowExpression(this.startNodeAtNod
e(r),[r,!1]):r)}case o._do:return this.parseDo();case o.regexp:{const e=this.state.value;return
r=this.parseLiteral(e.value,"RegExpLiteral"),r.pattern=e.pattern,r.flags=e.flags,r}case o.num:return
this.parseLiteral(this.state.value,"NumericLiteral");case o.bigint:return
this.parseLiteral(this.state.value,"BigIntLiteral");case o.decimal:return
this.parseLiteral(this.state.value,"DecimalLiteral");case o.string:return
this.parseLiteral(this.state.value,"StringLiteral");case o._null:return
r=this.startNode(),this.next(),this.finishNode(r,"NullLiteral");case o._true:case o._false:return
this.parseBooleanLiteral();case o.parenL:return this.parseParenAndDistinguishExpression(t);case
o.bracketBarL:case o.bracketHashL:return
this.parseArrayLike(this.state.type===o.bracketBarL?o.bracketBarR:o.bracketR,!1,!0,e);case o.bracketL:return
this.parseArrayLike(o.bracketR,!0,!1,e);case o.braceBarL:case o.braceHashL:return
this.parseObjectLike(this.state.type===o.braceBarL?o.braceBarR:o.braceR,!1,!0,e);case o.braceL:return
this.parseObjectLike(o.braceR,!1,!1,e);case o._function:return this.parseFunctionOrFunctionSent();case
o.at:this.parseDecorators();case o._class:return r=this.startNode(),this.takeDecorators(r),this.parseClass(r,!1);case
o._new:return this.parseNewOrNewTarget();case o.backQuote:return this.parseTemplate(!1);case
o.doubleColon:{r=this.startNode(),this.next(),r.object=null;const
e=r.callee=this.parseNoCallExpr();if("MemberExpression"===e.type)return
this.finishNode(r,"BindExpression");throw this.raise(e.start,y.UnsupportedBind)}case
o.hash:{if(this.state.inPipeline)return
r=this.startNode(),"smart"!==this.getPluginOption("pipelineOperator","proposal")&&this.raise(r.start,y.PrimaryTop
icRequiresSmartPipeline),this.next(),this.primaryTopicReferenceIsAllowedInCurrentTopicContext()||this.raise(r.star
t,y.PrimaryTopicNotAllowed),this.registerTopicReference(),this.finishNode(r,"PipelinePrimaryTopicReference");co
nst e=this.input.codePointAt(this.state.end);if(O(e)||92===e){const
e=this.state.start;if(r=this.parseMaybePrivateName(!0),this.match(o._in))this.expectPlugin("privateIn"),this.classSco
pe.usePrivateName(r.id.name,r.start);else{if(!this.hasPlugin("privateIn"))throw
this.unexpected(e);this.raise(this.state.start,y.PrivateInExpectedIn,r.id.name)}return r}}case
o.relational:if("<"===this.state.value){const
e=this.input.codePointAt(this.nextTokenStart());(O(e)||62===e)&&this.expectOnePlugin(["jsx","flow","typescript"]
)}default:throw this.unexpected()}}parseAsyncArrowUnaryFunction(e){const

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t=this.startNodeAtNode(e);this.prodParam.enter(ne(!0,this.prodParam.hasYield));const
r=[this.parseIdentifier()];return
this.prodParam.exit(),this.hasPrecedingLineBreak()&&this.raise(this.state.pos,y.LineTerminatorBeforeArrow),this.e
xpect(o.arrow),this.parseArrowExpression(t,r,!0),t}parseDo(){this.expectPlugin("doExpressions");const
e=this.startNode();this.next();const t=this.state.labels;return
this.state.labels=[],e.body=this.parseBlock(),this.state.labels=t,this.finishNode(e,"DoExpression")}parseSuper(){con
st e=this.startNode();return
this.next(),!this.match(o.parenL)||this.scope.allowDirectSuper||this.options.allowSuperOutsideMethod?this.scope.all
owSuper||this.options.allowSuperOutsideMethod||this.raise(e.start,y.UnexpectedSuper):this.raise(e.start,y.SuperNot
Allowed),this.match(o.parenL)||this.match(o.bracketL)||this.match(o.dot)||this.raise(e.start,y.UnsupportedSuper),this.
finishNode(e,"Super")}parseBooleanLiteral(){const e=this.startNode();return
e.value=this.match(o._true),this.next(),this.finishNode(e,"BooleanLiteral")}parseMaybePrivateName(e){if(this.matc
h(o.hash)){this.expectOnePlugin(["classPrivateProperties","classPrivateMethods"]),e||this.raise(this.state.pos,y.Unex
pectedPrivateField);const t=this.startNode();return this.next(),this.assertNoSpace("Unexpected space between #
and identifier"),t.id=this.parseIdentifier(!0),this.finishNode(t,"PrivateName")}return
this.parseIdentifier(!0)}parseFunctionOrFunctionSent(){const
e=this.startNode();if(this.next(),this.prodParam.hasYield&&this.match(o.dot)){const
t=this.createIdentifier(this.startNodeAtNode(e),"function");return
this.next(),this.parseMetaProperty(e,t,"sent")}return
this.parseFunction(e)}parseMetaProperty(e,t,r){e.meta=t,"function"===t.name&&"sent"===r&&(this.isContextual(
r)?this.expectPlugin("functionSent"):this.hasPlugin("functionSent"))||this.unexpected();const
n=this.state.containsEsc;return
e.property=this.parseIdentifier(!0),(e.property.name!==r||n)&&this.raise(e.property.start,y.UnsupportedMetaPropert
y,t.name,r),this.finishNode(e,"MetaProperty")}parseImportMetaProperty(e){const
t=this.createIdentifier(this.startNodeAtNode(e),"import");return
this.next(),this.isContextual("meta")&&(this.inModule||this.raiseWithData(t.start,{code:"BABEL_PARSER_SOUR
CETYPE_MODULE_REQUIRED"},y.ImportMetaOutsideModule),this.sawUnambiguousESM=!0),this.parseMeta
Property(e,t,"meta")}parseLiteral(e,t,r,n){r=r||this.state.start,n=n||this.state.startLoc;const
i=this.startNodeAt(r,n);return
this.addExtra(i,"rawValue",e),this.addExtra(i,"raw",this.input.slice(r,this.state.end)),i.value=e,this.next(),this.finishN
ode(i,t)}parseParenAndDistinguishExpression(e){const t=this.state.start,r=this.state.startLoc;let
n;this.next(),this.expressionScope.enter(new ve(1));const
i=this.state.maybeInArrowParameters,s=this.state.inFSharpPipelineDirectBody;this.state.maybeInArrowParameters
=!0,this.state.inFSharpPipelineDirectBody=!1;const a=this.state.start,l=this.state.startLoc,c=[],p=new
Se,u={start:0};let d,h,f=!0;for(;!this.match(o.parenR);){if(f)f=!1;else
if(this.expect(o.comma,u.start||null),this.match(o.parenR)){h=this.state.start;break}if(this.match(o.ellipsis)){const
e=this.state.start,t=this.state.startLoc;d=this.state.start,c.push(this.parseParenItem(this.parseRestBinding(),e,t)),this.c
heckCommaAfterRest(41);break}c.push(this.parseMaybeAssignAllowIn(p,this.parseParenItem,u))}const
m=this.state.lastTokEnd,y=this.state.lastTokEndLoc;this.expect(o.parenR),this.state.maybeInArrowParameters=i,thi
s.state.inFSharpPipelineDirectBody=s;let
T=this.startNodeAt(t,r);if(e&&this.shouldParseArrow()&&(T=this.parseArrow(T))){this.expressionScope.validateA
sPattern(),this.expressionScope.exit();for(let e=0;e<c.length;e++){const
t=c[e];t.extra&&t.extra.parenthesized&&this.unexpected(t.extra.parenStart)}return
this.parseArrowExpression(T,c,!1),T}if(this.expressionScope.exit(),c.length||this.unexpected(this.state.lastTokStart),
h&&this.unexpected(h),d&&this.unexpected(d),this.checkExpressionErrors(p,!0),u.start&&this.unexpected(u.start),
this.toReferencedListDeep(c,!0),c.length>1?(n=this.startNodeAt(a,l),n.expressions=c,this.finishNodeAt(n,"Sequenc
eExpression",m,y)):n=c[0],this.options.createParenthesizedExpressions)return
this.addExtra(n,"parenthesized",!0),this.addExtra(n,"parenStart",t),n;const b=this.startNodeAt(t,r);return

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b.expression=n,this.finishNode(b,"ParenthesizedExpression"),b}shouldParseArrow(){return!this.canInsertSemicolon()}parseArrow(e){if(this.eat(o.arrow))return e}parseParenItem(e,t,r){return e}parseNewOrNewTarget(){const e=this.startNode();if(this.next(),this.match(o.dot)){const t=this.createIdentifier(this.startNodeAtNode(e),"new");this.next();const r=this.parseMetaProperty(e,t,"target");if(!this.scope.inNonArrowFunction&&!this.scope.inClass){let e=y.UnexpectedNewTarget;this.hasPlugin("classProperties")&&(e+=" or class properties"),this.raise(r.start,e)}return r}return this.parseNew(e)}parseNew(e){return e.callee=this.parseNoCallExpr(),"Import"===e.callee.type?this.raise(e.callee.start,y.ImportCallNotNewExpression):"OptionalMemberExpression"===e.callee.type||"OptionalCallExpression"===e.callee.type?this.raise(this.state.lastTokEnd,y.OptionalChainingNoNew):this.eat(o.questionDot)&&this.raise(this.state.start,y.OptionalChainingNoNew),this.parseNewArguments(e),this.finishNode(e,"NewExpression")}parseNewArguments(e){if(this.eat(o.parenL)){const t=this.parseExprList(o.parenR);this.toReferencedList(t),e.arguments=t}else e.arguments=[]}parseTemplateElement(e){const t=this.startNode();return null===this.state.value&&(e||this.raise(this.state.start+1,y.InvalidEscapeSequenceTemplate)),t.value={raw:this.input.slice(this.state.start,this.state.end).replace(/r\n?/g,"\\n"),cooked:this.state.value},this.next(),t.tail=this.match(o.backQuote),this.finishNode(t,"TemplateElement")}parseTemplate(e){const t=this.startNode();this.next(),t.expressions=[];let r=this.parseTemplateElement(e);for(t.quasis=[r];!r.tail;)this.expect(o.dollarBraceL),t.expressions.push(this.parseTemplateSubstitution()),this.expect(o.braceR),t.quasis.push(r=this.parseTemplateElement(e));return this.next(),this.finishNode(t,"TemplateLiteral")}parseTemplateSubstitution(){return this.parseExpression()}parseObjectLike(e,t,r,n){r&&this.expectPlugin("recordAndTuple");const i=this.state.inFSharpPipelineDirectBody;this.state.inFSharpPipelineDirectBody=!1;const s=Object.create(null);let a=!0;const l=this.startNode();for(l.properties=[],this.next();!this.match(e);){if(a)a=!1;else if(this.expect(o.comma),this.match(e)){this.addExtra(l,"trailingComma",this.state.lastTokStart);break}const i=this.parsePropertyDefinition(t,n);t||this.checkProto(i,r,s,n),r&&"ObjectProperty"!==i.type&&"SpreadElement"!==i.type&&this.raise(i.start,y.InvalidRecordProperty),i.shorthand&&this.addExtra(i,"shorthand",!0),l.properties.push(i)}this.state.exprAllowed=!1,this.next(),this.state.inFSharpPipelineDirectBody=i;let c="ObjectExpression";return t?c="ObjectPattern":r&&(c="RecordExpression"),this.finishNode(l,c)}maybeAsyncOrAccessorProp(e){return!e.computed&&"Identifier"===e.key.type&&(this.isLiteralPropertyName()||this.match(o.bracketL)||this.match(o.star))}parsePropertyDefinition(e,t){let r=[];if(this.match(o.at))for(this.hasPlugin("decorators")&&this.raise(this.state.start,y.UnsupportedPropertyDecorator);this.match(o.at);)r.push(this.parseDecorator());const n=this.startNode();let i,s,a=!1,l=!1,c=!1;if(this.match(o.ellipsis))return r.length&&this.unexpected(),e?(this.next(),n.argument=this.parseIdentifier(),this.checkCommaAfterRest(125),this.finishNode(n,"RestElement")):this.parseSpread();r.length&&(n.decorators=r,r=[]),n.method=!1,(e||t)&&(i=this.state.start,s=this.state.startLoc),e||(a=this.eat(o.star));const p=this.state.containsEsc,u=this.parsePropertyName(n,!1);if(!e&&!a&&!p&&this.maybeAsyncOrAccessorProp(n)){const e=u.name;"async"!==e||this.hasPrecedingLineBreak()||(l=!0,a=this.eat(o.star),this.parsePropertyName(n,!1)),"get"!==e&&"set"!==e||(c=!0,n.kind=e,this.match(o.star)&&(a=!0,this.raise(this.state.pos,y.AccessorIsGenerator,e),this.next()),this.parsePropertyName(n,!1))}return this.parseObjPropValue(n,i,s,a,l,e,c,t),n}getGetterSetterExpectedParamCount(e){return"get"===e.kind?0:1}getObjectOrClassMethodParams(e){return e.params}checkGetterSetterParams(e){var t;const r=this.getGetterSetterExpectedParamCount(e),n=this.getObjectOrClassMethodParams(e),i=e.start;n.length!==r&&("get"===e.kind?this.raise(i,y.BadGetterArity):this.raise(i,y.BadSetterArity)),"set"===e.kind&&"RestElement"===e&&(null==(t=n[n.length-1])?void 0:t.type)&&this.raise(i,y.BadSetterRestParameter)}parseObjectMethod(e,t,r,n,i){return i?(this.parseMethod(e,t,!1,!1,!1,"ObjectMethod"),this.checkGetterSetterParams(e),e):r||t||this.match(o.parenL)?(n&&

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this.unexpected(),e.kind="method",e.method=!0,this.parseMethod(e,t,r,!1,!1,"ObjectMethod")):void
0}parseObjectProperty(e,t,r,n,i){return
e.shorthand=!1,this.eat(o.colon)?(e.value=n?this.parseMaybeDefault(this.state.start,this.state.startLoc):this.parseMa
ybeAssignAllowIn(i),this.finishNode(e,"ObjectProperty")):e.computed||"Identifier"!==e.key.type?void
0:(this.checkReservedWord(e.key.name,e.key.start,!0,!1),n?e.value=this.parseMaybeDefault(t,r,e.key.__clone()):thi
s.match(o.eq)&&i?(-
1===i.shorthandAssign&&(i.shorthandAssign=this.state.start),e.value=this.parseMaybeDefault(t,r,e.key.__clone()))
:e.value=e.key.__clone(),e.shorthand=!0,this.finishNode(e,"ObjectProperty"))}parseObjPropValue(e,t,r,n,i,s,a,o){co
nst l=this.parseObjectMethod(e,n,i,s,a)||this.parseObjectProperty(e,t,r,s,o);return
l||this.unexpected(),l}parsePropertyName(e,t){if(this.eat(o.bracketL))e.computed=!0,e.key=this.parseMaybeAssign
AllowIn(),this.expect(o.bracketR);else{const
r=this.state.inPropertyName;this.state.inPropertyName=!0,e.key=this.match(o.num)||this.match(o.string)||this.match(
o.bigint)||this.match(o.decimal)?this.parseExprAtom():this.parseMaybePrivateName(t,"PrivateName"!==e.key.type
&&(e.computed=!1),this.state.inPropertyName=r)}return
e.key}initFunction(e,t){e.id=null,e.generator=!1,e.async=!1}parseMethod(e,t,r,n,i,s,a=!1){this.initFunction(e,r),e.ge
nerator=!1;t;const o=n;return
this.scope.enter(18(a?64:0)(i?32:0)),this.prodParam.enter(ne(r,e.generator)),this.parseFunctionParams(e,o),this.pars
eFunctionBodyAndFinish(e,s,!0),this.prodParam.exit(),this.scope.exit(),e}parseArrayLike(e,t,r,n){r&&this.expectPl
ugin("recordAndTuple");const
i=this.state.inFSharpPipelineDirectBody;this.state.inFSharpPipelineDirectBody=!1;const s=this.startNode();return
this.next(),s.elements=this.parseExprList(e,!r,n,s),this.state.inFSharpPipelineDirectBody=i,this.finishNode(s,r?"Tupl
eExpression":"ArrayExpression")}parseArrowExpression(e,t,r,n){this.scope.enter(6);let
i=ne(r,!1);!this.match(o.bracketL)&&this.prodParam.hasIn&&(i=8),this.prodParam.enter(i),this.initFunction(e,r);co
nst s=this.state.maybeInArrowParameters;return
t&&(this.state.maybeInArrowParameters=!0,this.setArrowFunctionParameters(e,t,n)),this.state.maybeInArrowPara
meters=!1,this.parseFunctionBody(e,!0),this.prodParam.exit(),this.scope.exit(),this.state.maybeInArrowParameters=
s,this.finishNode(e,"ArrowFunctionExpression")}setArrowFunctionParameters(e,t,r){e.params=this.toAssignableLi
st(t,r)}parseFunctionBodyAndFinish(e,t,r=!1){this.parseFunctionBody(e,!1,r),this.finishNode(e,t)}parseFunctionBo
dy(e,t,r=!1){const
n=t&&!this.match(o.braceL);if(this.expressionScope.enter(we()),n)e.body=this.parseMaybeAssign(),this.checkPara
ms(e,!1,t,!1);else{const
n=this.state.strict,i=this.state.labels;this.state.labels=[],this.prodParam.enter(4|this.prodParam.currentFlags()),e.body
=this.parseBlock(!0,!1,i=>{const s=!this.isSimpleParamList(e.params);if(i&&s){const
t="method"!==e.kind&&"constructor"!==e.kind||e.key?e.start:e.key.end;this.raise(t,y.IllegalLanguageModeDirecti
ve)}const
a=!n&&this.state.strict;this.checkParams(e,(this.state.strict||t||r|s),t,a),this.state.strict&&e.id&&this.checkLVal(e.id,
65,void 0,"function name",void
0,a)},this.prodParam.exit(),this.expressionScope.exit(),this.state.labels=i)}isSimpleParamList(e){for(let
t=0,r=e.length;t<r;t++)if("Identifier"!==e[t].type)return!1;return!0}checkParams(e,t,r,n=!0){const
i=Object.create(null);for(let r=0;r<e.params.length;r++)this.checkLVal(e.params[r],5,t?null:i,"function parameter
list",void 0,n)}parseExprList(e,t,r,n){const i=[];let s=!0;for(;!this.eat(e);){if(s)s=!1;else
if(this.expect(o.comma),this.match(e)){n&&this.addExtra(n,"trailingComma",this.state.lastTokStart),this.next();bre
ak}i.push(this.parseExprListItem(t,r))}return i}parseExprListItem(e,t,r,n){let
i;if(this.match(o.comma)e||this.raise(this.state.pos,y.UnexpectedToken,","),i=null;else
if(this.match(o.ellipsis)){const
e=this.state.start,n=this.state.startLoc;i=this.parseParenItem(this.parseSpread(t,r),e,n)}else
if(this.match(o.question)){this.expectPlugin("partialApplication"),n||this.raise(this.state.start,y.UnexpectedArgument
Placeholder);const e=this.startNode();this.next(),i=this.finishNode(e,"ArgumentPlaceholder")}else

```

```

i=this.parseMaybeAssignAllowIn(t,this.parseParenItem,r);return i }parseIdentifier(e){ const
t=this.startNode(),r=this.parseIdentifierName(t.start,e);return this.createIdentifier(t,r)}createIdentifier(e,t){ return
e.name=t,e.loc.identifierName=t,this.finishNode(e,"Identifier")}parseIdentifierName(e,t){ let
r;const{ start:n,type:i}=this.state;if(i===o.name)r=this.state.value;else{ if(!i.keyword)throw
this.unexpected();{r=i.keyword;const
e=this.curContext();i!==(o._class&&i!==(o._function||e!==(g.functionStatement&&e!==(g.functionExpression||this.stat
e.context.pop()))}return
t?this.state.type=o.name:this.checkReservedWord(r,n,!i.keyword,!1),this.next(),r}checkReservedWord(e,t,r,n){ if(th
is.prodParam.hasYield&&"yield"===e)return void
this.raise(t,y.YieldBindingIdentifier);if("await"===e){ if(this.prodParam.hasAwait)return void
this.raise(t,y.AwaitBindingIdentifier);this.expressionScope.recordAsyncArrowParametersError(t,y.AwaitBindingIde
ntifier)}if(this.scope.inClass&&!this.scope.inNonArrowFunction&&"arguments"===e)return void
this.raise(t,y.ArgumentsInClass);if(r&&R(e))return void
this.raise(t,y.UnexpectedKeyword,e);(this.state.strict?n?F:M:L)(e,this.inModule)&&(this.prodParam.hasAwait||"aw
ait"===e?this.raise(t,y.UnexpectedReservedWord,e):this.raise(t,this.hasPlugin("topLevelAwait")?y.AwaitNotInAsyn
cContext:y.AwaitNotInAsyncFunction))}isAwaitAllowed(){ return
this.scope.inFunction?this.prodParam.hasAwait:!!this.options.allowAwaitOutsideFunction||!this.hasPlugin("topLev
elAwait")&&(this.inModule&&this.prodParam.hasAwait)}parseAwait(){ const e=this.startNode();return
this.next(),this.expressionScope.recordParameterInitializerError(e.start,y.AwaitExpressionFormalParameter),this.eat
(o.star)&&this.raise(e.start,y.ObsoleteAwaitStar),this.scope.inFunction||this.options.allowAwaitOutsideFunction||(th
is.hasPrecedingLineBreak()||this.match(o.plusMin)||this.match(o.parenL)||this.match(o.bracketL)||this.match(o.back
Quote)||this.match(o.regexp)||this.match(o.slash)||this.hasPlugin("v8intrinsic")&&this.match(o.modulo)?this.ambigu
ousScriptDifferentAst=!0:this.sawUnambiguousESM=!0),this.state.soloAwait||(e.argument=this.parseMaybeUnary(
)),this.finishNode(e,"AwaitExpression")}parseYield(){ const e=this.startNode();return
this.expressionScope.recordParameterInitializerError(e.start,y.YieldInParameter),this.next(),this.match(o.semi)||!this
.match(o.star)&&!this.state.type.startsExpr||this.hasPrecedingLineBreak()?e.delegate=!1,e.argument=null):(e.deleg
ate=this.eat(o.star),e.argument=this.parseMaybeAssign(),this.finishNode(e,"YieldExpression")}checkPipelineAtInf
ixOperator(e,t){ "smart"===this.getPluginOption("pipelineOperator","proposal")&&"SequenceExpression"===e.type
&&this.raise(t,y.PipelineHeadSequenceExpression)}parseSmartPipelineBody(e,t,r){ return
this.checkSmartPipelineBodyEarlyErrors(e,t),this.parseSmartPipelineBodyInStyle(e,t,r)}checkSmartPipelineBodyE
arlyErrors(e,t){ if(this.match(o.arrow))throw
this.raise(this.state.start,y.PipelineBodyNoArrow);"SequenceExpression"===e.type&&this.raise(t,y.PipelineBodySe
quenceExpression)}parseSmartPipelineBodyInStyle(e,t,r){ const
n=this.startNodeAt(t,r),i=this.isSimpleReference(e);return
i?n.callee=(this.topicReferenceWasUsedInCurrentTopicContext()||this.raise(t,y.PipelineTopicUnused),n.expressio
n=e),this.finishNode(n,i?"PipelineBareFunction":"PipelineTopicExpression")}isSimpleReference(e){ switch(e.type)
{ case"MemberExpression":return!e.computed&&this.isSimpleReference(e.object);case"Identifier":return!0;default:r
eturn!1}}withTopicPermittingContext(e){ const
t=this.state.topicContext;this.state.topicContext={ maxNumOfResolvableTopics:1,maxTopicIndex:null};try{ return
e()}finally{ this.state.topicContext=t}}withTopicForbiddingContext(e){ const
t=this.state.topicContext;this.state.topicContext={ maxNumOfResolvableTopics:0,maxTopicIndex:null};try{ return
e()}finally{ this.state.topicContext=t}}withSoloAwaitPermittingContext(e){ const
t=this.state.soloAwait;this.state.soloAwait=!0;try{ return e()}finally{ this.state.soloAwait=t}}allowInAnd(e){ const
t=this.prodParam.currentFlags();if(8&~t){ this.prodParam.enter(8|t);try{ return
e()}finally{ this.prodParam.exit()} }return e()}disallowInAnd(e){ const
t=this.prodParam.currentFlags();if(8&t){ this.prodParam.enter(-9&t);try{ return
e()}finally{ this.prodParam.exit()} }return
e()}registerTopicReference(){ this.state.topicContext.maxTopicIndex=0}primaryTopicReferenceIsAllowedInCurrent

```

```

TopicContext(){return
this.state.topicContext.maxNumOfResolvableTopics>=1 }topicReferenceWasUsedInCurrentTopicContext(){return
null!=this.state.topicContext.maxTopicIndex&&this.state.topicContext.maxTopicIndex>=0}parseFSharpPipelineBo
dy(e){const t=this.state.start,r=this.state.startLoc;this.state.potentialArrowAt=this.state.start;const
n=this.state.inFSharpPipelineDirectBody;this.state.inFSharpPipelineDirectBody=!0;const
i=this.parseExprOp(this.parseMaybeUnary(),t,r,e);return
this.state.inFSharpPipelineDirectBody=n,i } { parseTopLevel(e,t){if(t.sourceType=this.options.sourceType,t.interpre
ter=this.parseInterpreterDirective(),this.parseBlockBody(t,!0,!0,o.eof),this.inModule&&!this.options.allowUndeclar
edExports&&this.scope.undefinedExports.size>0)for(let
e=0,t=Array.from(this.scope.undefinedExports);e<t.length;e++){const[r]=t[e],n=this.scope.undefinedExports.get(r);
this.raise(n,y.ModuleExportUndefined,r)}return
e.program=this.finishNode(t,"Program"),e.comments=this.state.comments,this.options.tokens&&(e.tokens=this.tok
ns),this.finishNode(e,"File")}stmtToDirective(e){const
t=e.expression,r=this.startNodeAt(t.start,t.loc.start),n=this.startNodeAt(e.start,e.loc.start),i=this.input.slice(t.start,t.en
d),s=r.value=i.slice(1,-1);return
this.addExtra(r,"raw",i),this.addExtra(r,"rawValue",s),n.value=this.finishNodeAt(r,"DirectiveLiteral",t.end,t.loc.end)
,this.finishNodeAt(n,"Directive",e.end,e.loc.end)}parseInterpreterDirective(){if(!this.match(o.interpreterDirective))r
eturn null;const e=this.startNode();return
e.value=this.state.value,this.next(),this.finishNode(e,"InterpreterDirective")}isLet(e){if(!this.isContextual("let"))retu
rn!1;const
t=this.nextTokenStart(),r=this.input.charCodeAt(t);if(91===r)return!0;if(e)return!1;if(123===r)return!0;if(O(r)){let
e=t+1;for(;I(this.input.charCodeAt(e));)++e;const
r=this.input.slice(t,e);if(!B.test(r))return!0}return!1}parseStatement(e,t){return
this.match(o.at)&&this.parseDecorators(!0),this.parseStatementContent(e,t)}parseStatementContent(e,t){let
r=this.state.type;const n=this.startNode();let i;switch(this.isLet(e)&&(r=o._var,i="let"),r){case o._break:case
o._continue:return this.parseBreakContinueStatement(n,r.keyword);case o._debugger:return
this.parseDebuggerStatement(n);case o._do:return this.parseDoStatement(n);case o._for:return
this.parseForStatement(n);case o._function:if(46===this.lookaheadCharCode())break;return
e&&(this.state.strict?this.raise(this.state.start,y.StrictFunction):"if"!==e&&"label"!==e&&this.raise(this.state.start,y
.SloppyFunction)),this.parseFunctionStatement(n,!1,!e);case o._class:return
e&&this.unexpected(),this.parseClass(n,!0);case o._if:return this.parseIfStatement(n);case o._return:return
this.parseReturnStatement(n);case o._switch:return this.parseSwitchStatement(n);case o._throw:return
this.parseThrowStatement(n);case o._try:return this.parseTryStatement(n);case o._const:case o._var:return
i=i||this.state.value,e&&"var"!==i&&this.raise(this.state.start,y.UnexpectedLexicalDeclaration),this.parseVarStatem
ent(n,i);case o._while:return this.parseWhileStatement(n);case o._with:return this.parseWithStatement(n);case
o.braceL:return this.parseBlock();case o.semi:return this.parseEmptyStatement(n);case o._import: { const
e=this.lookaheadCharCode();if(40===e||46===e)break }case o._export: { let e;return
this.options.allowImportExportEverywhere||t||this.raise(this.state.start,y.UnexpectedImportExport),this.next(),r===o
._import?(e=this.parseImport(n),"ImportDeclaration"!==e.type||e.importKind&&"value"!==e.importKind||(this.saw
UnambiguousESM=!0)):(e=this.parseExport(n),"ExportNamedDeclaration"!==e.type||e.exportKind&&"value"!==e
.exportKind&&("ExportAllDeclaration"!==e.type||e.exportKind&&"value"!==e.exportKind)&&"ExportDefaultDe
claration"!==e.type||(this.sawUnambiguousESM=!0)),this.assertModuleNodeAllowed(n,e)}default:if(this.isAsyncFu
nction())return
e&&this.raise(this.state.start,y.AsyncFunctionInSingleStatementContext),this.next(),this.parseFunctionStatement(n,!
0,!e)}const s=this.state.value,a=this.parseExpression();return
r===o.name&&"Identifier"===a.type&&this.eat(o.colon)?this.parseLabeledStatement(n,s,a,e):this.parseExpression
Statement(n,a)}assertModuleNodeAllowed(e){this.options.allowImportExportEverywhere||this.inModule||this.raise
WithData(e.start,{code:"BABEL_PARSER_SOURCETYPE_MODULE_REQUIRED"},y.ImportOutsideModule)}t

```

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akeDecorators(e){const t=this.state.decoratorStack[this.state.decoratorStack.length-
1];t.length&&(e.decorators=t,this.resetStartLocationFromNode(e,t[0]),this.state.decoratorStack[this.state.decoratorS
tack.length-1]=[])canHaveLeadingDecorator(){return this.match(o._class)}parseDecorators(e){const
t=this.state.decoratorStack[this.state.decoratorStack.length-1];for(;this.match(o.at);){const
e=this.parseDecorator();t.push(e)if(this.match(o._export)e||this.unexpected(),this.hasPlugin("decorators")&&!this.
getPluginOption("decorators","decoratorsBeforeExport")&&this.raise(this.state.start,y.DecoratorExportClass);else
if(!this.canHaveLeadingDecorator())throw
this.raise(this.state.start,y.UnexpectedLeadingDecorator)}parseDecorator(){this.expectOnePlugin(["decorators-
legacy","decorators"]);const
e=this.startNode();if(this.next(),this.hasPlugin("decorators")){this.state.decoratorStack.push([]);const
t=this.state.start,r=this.state.startLoc;let n;if(this.eat(o.parenL))n=this.parseExpression(),this.expect(o.parenR);else
for(n=this.parseIdentifier(!1);this.eat(o.dot);){const
e=this.startNodeAt(t,r);e.object=n,e.property=this.parseIdentifier(!0),e.computed=!1,n=this.finishNode(e,"MemberE
xpression")}e.expression=this.parseMaybeDecoratorArguments(n),this.state.decoratorStack.pop()}else
e.expression=this.parseExprSubscripts();return
this.finishNode(e,"Decorator")}parseMaybeDecoratorArguments(e){if(this.eat(o.parenL)){const
t=this.startNodeAtNode(e);return
t.callee=e,t.arguments=this.parseCallExpressionArguments(o.parenR,!1),this.toReferencedList(t.arguments),this.fini
shNode(t,"CallExpression")}return e}parseBreakContinueStatement(e,t){const r="break"===t;return
this.next(),this.isLineTerminator()?e.label=null:(e.label=this.parseIdentifier(),this.semicolon(),this.verifyBreakCont
inue(e,t),this.finishNode(e,r?"BreakStatement":"ContinueStatement"))verifyBreakContinue(e,t){const
r="break"===t;let n;for(n=0;n<this.state.labels.length;++n){const
t=this.state.labels[n];if(null==e.label||t.name===e.label.name){if(null!=t.kind&&(r||"loop"===t.kind))break;if(e.labe
l&&r)break}}n===this.state.labels.length&&this.raise(e.start,y.IllegalBreakContinue,t)}parseDebuggerStatement(e)
{return
this.next(),this.semicolon(),this.finishNode(e,"DebuggerStatement")}parseHeaderExpression(){this.expect(o.parenL
);const e=this.parseExpression();return this.expect(o.parenR),e}parseDoStatement(e){return
this.next(),this.state.labels.push(Oe),e.body=this.withTopicForbiddingContext(=>this.parseStatement("do")),this.st
ate.labels.pop(),this.expect(o._while),e.test=this.parseHeaderExpression(),this.eat(o.semi),this.finishNode(e,"DoWhi
leStatement")}parseForStatement(e){this.next(),this.state.labels.push(Oe);let t=-
1;if(this.isAwaitAllowed())&&this.eatContextual("await")&&(t=this.state.lastTokStart),this.scope.enter(0),this.expec
t(o.parenL),this.match(o.semi)return t>-1&&this.unexpected(t),this.parseFor(e,null);const
r=this.isLet();if(this.match(o._var)||this.match(o._const)||r){const n=this.startNode(),i=r?"let":this.state.value;return
this.next(),this.parseVar(n,!0,i),this.finishNode(n,"VariableDeclaration"),(this.match(o._in)||this.isContextual("of"))
&&1===n.declarations.length?this.parseForIn(e,n,t):(t>-1&&this.unexpected(t),this.parseFor(e,n))}const n=new
Se,i=this.parseExpression(!0,n);if(this.match(o._in)||this.isContextual("of")){this.toAssignable(i);const
r=this.isContextual("of")?"for-of statement":"for-in statement";return this.checkLVal(i,void 0,void
0,r),this.parseForIn(e,i,t)}return this.checkExpressionErrors(n,!0),t>-
1&&this.unexpected(t),this.parseFor(e,i)}parseFunctionStatement(e,t,r){return
this.next(),this.parseFunction(e,1|(r?0:2),t)}parseIfStatement(e){return
this.next(),e.test=this.parseHeaderExpression(),e.consequent=this.parseStatement("if"),e.alternate=this.eat(o._else)?t
his.parseStatement("if"):null,this.finishNode(e,"IfStatement")}parseReturnStatement(e){return
this.prodParam.hasReturn||this.options.allowReturnOutsideFunction||this.raise(this.state.start,y.IllegalReturn),this.ne
xt(),this.isLineTerminator()?e.argument=null:(e.argument=this.parseExpression(),this.semicolon(),this.finishNode(
e,"ReturnStatement"))parseSwitchStatement(e){this.next(),e.discriminant=this.parseHeaderExpression();const
t=e.cases=[];let
r,n;for(this.expect(o.braceL),this.state.labels.push(Ie),this.scope.enter(0);!this.match(o.braceR);if(this.match(o._cas
e)||this.match(o._default)){const

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e=this.match(o._case);r&&this.finishNode(r,"SwitchCase"),t.push(r=this.startNode()),r.consequent=[],this.next(),e?r
.test=this.parseExpression():n&&this.raise(this.state.lastTokStart,y.MultipleDefaultsInSwitch),n=!0,r.test=null,this
.expect(o.colon)}else r?r.consequent.push(this.parseStatement(null)):this.unexpected();return
this.scope.exit(),r&&this.finishNode(r,"SwitchCase"),this.next(),this.state.labels.pop(),this.finishNode(e,"SwitchStat
ement")}parseThrowStatement(e){return
this.next(),this.hasPrecedingLineBreak()&&this.raise(this.state.lastTokEnd,y.NewlineAfterThrow),e.argument=this.
parseExpression(),this.semicolon(),this.finishNode(e,"ThrowStatement")}parseCatchClauseParam(){const
e=this.parseBindingAtom(),t="Identifier"===e.type;return this.scope.enter(t?8:0),this.checkLVal(e,9,null,"catch
clause"),e}parseTryStatement(e){if(this.next(),e.block=this.parseBlock(),e.handler=null,this.match(o._catch)){const
t=this.startNode();this.next(),this.match(o.parenL)?(this.expect(o.parenL),t.param=this.parseCatchClauseParam(),thi
s.expect(o.parenR)):(t.param=null,this.scope.enter(0)),t.body=this.withTopicForbiddingContext(=>this.parseBlock
(!1,!1)),this.scope.exit(),e.handler=this.finishNode(t,"CatchClause")}return
e.finalizer=this.eat(o._finally)?this.parseBlock():null,e.handler||e.finalizer||this.raise(e.start,y.NoCatchOrFinally),this
.finishNode(e,"TryStatement")}parseVarStatement(e,t){return
this.next(),this.parseVar(e,!1,t),this.semicolon(),this.finishNode(e,"VariableDeclaration")}parseWhileStatement(e){r
eturn
this.next(),e.test=this.parseHeaderExpression(),this.state.labels.push(Oe),e.body=this.withTopicForbiddingContext((
=>this.parseStatement("while")),this.state.labels.pop(),this.finishNode(e,"WhileStatement")}parseWithStatement(e)
{return
this.state.strict&&this.raise(this.state.start,y.StrictWith),this.next(),e.object=this.parseHeaderExpression(),e.body=th
is.withTopicForbiddingContext(=>this.parseStatement("with")),this.finishNode(e,"WithStatement")}parseEmptyS
tatement(e){return this.next(),this.finishNode(e,"EmptyStatement")}parseLabeledStatement(e,t,r,n){for(let
e=0,n=this.state.labels;e<n.length;e++){n[e].name===t&&this.raise(r.start,y.LabelRedeclaration,t)}const
i=this.state.type.isLoop?"loop":this.match(o._switch)?"switch":null;for(let t=this.state.labels.length-1;t>=0;t--
){const r=this.state.labels[t];if(r.statementStart!==e.start)break;r.statementStart=this.state.start,r.kind=i}return
this.state.labels.push({name:t,kind:i,statementStart:this.state.start}),e.body=this.parseStatement(n?-
1===n.indexOf("label"?n+"label":n:"label"),this.state.labels.pop(),e.label=r,this.finishNode(e,"LabeledStatement")
}parseExpressionStatement(e,t){return
e.expression=t,this.semicolon(),this.finishNode(e,"ExpressionStatement")}parseBlock(e=!1,t=!0,r){const
n=this.startNode();return
this.expect(o.braceL),t&&this.scope.enter(0),this.parseBlockBody(n,e,!1,o.braceR,r),t&&this.scope.exit(),this.finish
Node(n,"BlockStatement")}isValidDirective(e){return"ExpressionStatement"===e.type&&"StringLiteral"===e.ex
pression.type&&!e.expression.extra.parenthesized}parseBlockBody(e,t,r,n,i){const
s=e.body=[],a=e.directives=[];this.parseBlockOrModuleBlockBody(s,t?a:void
0,r,n,i)}parseBlockOrModuleBlockBody(e,t,r,n,i){const s=[],a=this.state.strict;let
o=!1,l=!1;for(;;!this.match(n);){!l&&this.state.octalPositions.length&&s.push(...this.state.octalPositions);const
n=this.parseStatement(null,r);if(t&&!l&&this.isValidDirective(n)){const e=this.stmtToDirective(n);t.push(e),o||"use
strict"!==e.value.value||(o=!0,this.setStrict(!0))}else l=!0,e.push(n)}if(this.state.strict&&s.length)for(let
e=0;e<s.length;e++){const
t=s[e];this.raise(t.y.StrictOctalLiteral)}i&&i.call(this,o),a||this.setStrict(!1),this.next()}parseFor(e,t){return
e.init=t,this.expect(o.semi),e.test=this.match(o.semi)?null:this.parseExpression(),this.expect(o.semi),e.update=this.m
atch(o.parenR)?null:this.parseExpression(),this.expect(o.parenR),e.body=this.withTopicForbiddingContext(=>this.
parseStatement("for")),this.scope.exit(),this.state.labels.pop(),this.finishNode(e,"ForStatement")}parseForIn(e,t,r){c
onst n=this.match(o._in);return this.next(),n?r>-1&&this.unexpected(r):e.await=r>-
1,"VariableDeclaration"!==t.type||null===t.declarations[0].init||n&&!this.state.strict&&"var"===t.kind&&"Identifier
"===t.declarations[0].id.type?"AssignmentPattern"===t.type&&this.raise(t.start,y.InvalidLhs,"for-
loop"):this.raise(t.start,y.ForInOfLoopInitializer,n?"for-in":"for-
of"),e.left=t,e.right=n?this.parseExpression():this.parseMaybeAssignAllowIn(),this.expect(o.parenR),e.body=this.wi

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thTopicForbiddingContext(=>this.parseStatement("for")),this.scope.exit(),this.state.labels.pop(),this.finishNode(e,
n?"ForInStatement":"ForOfStatement"))parseVar(e,t,r){const
n=e.declarations=[],i=this.hasPlugin("typescript");for(e.kind=r;){const
e=this.startNode();if(this.parseVarId(e,r),this.eat(o.eq)?e.init=t?this.parseMaybeAssignDisallowIn():this.parseMayb
eAssignAllowIn>("const"!==r||this.match(o._in)||this.isContextual("of")?"Identifier"===e.id.type||t&&(this.match(
o._in)||this.isContextual("of"))||this.raise(this.state.lastTokEnd,y.DeclarationMissingInitializer,"Complex binding
patterns"):i||this.raise(this.state.lastTokEnd,y.DeclarationMissingInitializer,"Const
declarations"),e.init=null),n.push(this.finishNode(e,"VariableDeclarator")),!this.eat(o.comma))break}return
e}parseVarId(e,t){e.id=this.parseBindingAtom(),this.checkLVal(e.id,"var"===t?5:9,void 0,"variable
declaration","var"!==t)}parseFunction(e,t=0,r=!1){const
n=1&t,i=2&t,s=!(n||4&t);this.initFunction(e,r),this.match(o.star)&&i&&this.raise(this.state.start,y.GeneratorInSing
leStatementContext),e.generator=this.eat(o.star),n&&(e.id=this.parseFunctionId(s));const
a=this.state.maybeInArrowParameters;return
this.state.maybeInArrowParameters=!1,this.scope.enter(2),this.prodParam.enter(ne(r,e.generator)),n||(e.id=this.parse
FunctionId()),this.parseFunctionParams(e,!1),this.withTopicForbiddingContext(=>{this.parseFunctionBodyAndFi
nish(e,n?"FunctionDeclaration":"FunctionExpression"))},this.prodParam.exit(),this.scope.exit(),n&&!i&&this.regist
erFunctionStatementId(e),this.state.maybeInArrowParameters=a,e}parseFunctionId(e){return
e||this.match(o.name)?this.parseIdentifier():null}parseFunctionParams(e,t){this.expect(o.parenL),this.expressionSco
pe.enter(new
Pe(3)),e.params=this.parseBindingList(o.parenR,41,!1,t),this.expressionScope.exit()}registerFunctionStatementId(e)
{e.id&&this.scope.declareName(e.id.name,this.state.strict||e.generator||e.async?this.scope.treatFunctionsAsVar?5:9:
17,e.id.start)}parseClass(e,t,r){this.next(),this.takeDecorators(e);const n=this.state.strict;return
this.state.strict=!0,this.parseClassId(e,t,r),this.parseClassSuper(e),e.body=this.parseClassBody(!e.superClass,n),this
.finishNode(e,t?"ClassDeclaration":"ClassExpression")}isClassProperty(){return
this.match(o.eq)||this.match(o.semi)||this.match(o.braceR)}isClassMethod(){return
this.match(o.parenL)}isNonstaticConstructor(e){return!(e.computed||e.static||"constructor"!==e.key.name&&"constr
uctor"!==e.key.value)}parseClassBody(e,t){this.classScope.enter();const
r={constructorAllowsSuper:e,hadConstructor:!1,hadStaticBlock:!1};let n=[];const
i=this.startNode();if(i.body=[],this.expect(o.braceL),this.withTopicForbiddingContext(=>{for(;!this.match(o.brace
R);){if(this.eat(o.semi)){if(n.length>0)throw
this.raise(this.state.lastTokEnd,y.DecoratorSemicolon);continue}if(this.match(o.at)){n.push(this.parseDecorator());c
ontinue}const
e=this.startNode();n.length&&(e.decorators=n,this.resetStartLocationFromNode(e,n[0]),n=[]),this.parseClassMemb
er(i,e,r),"constructor"===e.kind&&e.decorators&&e.decorators.length>0&&this.raise(e.start,y.DecoratorConstructo
r)}),this.state.strict=t,this.next(),n.length)throw this.raise(this.state.start,y.TrailingDecorator);return
this.classScope.exit(),this.finishNode(i,"ClassBody")}parseClassMemberFromModifier(e,t){const
r=this.parseIdentifier(!0);if(this.isClassMethod()){const n=t;return
n.kind="method",n.computed=!1,n.key=r,n.static=!1,this.pushClassMethod(e,n,!1,!1,!1,!1,!1)}if(this.isClassPropert
y()){const n=t;return
n.computed=!1,n.key=r,n.static=!1,e.body.push(this.parseClassProperty(n)),!0}return!1}parseClassMember(e,t,r){c
onst
n=this.isContextual("static");if(n){if(this.parseClassMemberFromModifier(e,t))return;if(this.eat(o.braceL))return
void
this.parseClassStaticBlock(e,t,r)}this.parseClassMemberWithIsStatic(e,t,r,n)}parseClassMemberWithIsStatic(e,t,r,n)
{const i=t,s=t,a=t,l=t,c=i,p=i;if(t.static=n,this.eat(o.star))return
c.kind="method",this.parseClassElementName(c),"PrivateName"===c.key.type?void
this.pushClassPrivateMethod(e,s,!0,!1):(this.isNonstaticConstructor(i)&&this.raise(i.key.start,y.ConstructorIsGener
ator),void this.pushClassMethod(e,i,!0,!1,!1,!1));const

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u=this.state.containsEsc,d=this.parseClassElementName(t),h="PrivateName"===d.type,f="Identifier"===d.type,m=
this.state.start;if(this.parsePostMemberNameModifiers(p),this.isClassMethod()){if(c.kind="method",h)return void
this.pushClassPrivateMethod(e,s,!1,!1);const t=this.isNonstaticConstructor(i);let
n=!1;t&&(i.kind="constructor",r.hadConstructor&&!this.hasPlugin("typescript")&&this.raise(d.start,y.DuplicateCo
nstructor),r.hadConstructor=!0,n=r.constructorAllowsSuper),this.pushClassMethod(e,i,!1,!1,t,n)}else
if(this.isClassProperty())h?this.pushClassPrivateProperty(e,l):this.pushClassProperty(e,a);else
if(!f||"async"!==d.name||u||this.isLineTerminator())!f||"get"!==d.name&&"set"!==d.name||u||this.match(o.star)&&thi
s.isLineTerminator()?this.isLineTerminator()?h?this.pushClassPrivateProperty(e,l):this.pushClassProperty(e,a):this.
unexpected():(c.kind=d.name,this.parseClassElementName(i),"PrivateName"===c.key.type?this.pushClassPrivateM
ethod(e,s,!1,!1):(this.isNonstaticConstructor(i)&&this.raise(i.key.start,y.ConstructorIsAccessor),this.pushClassMeth
od(e,i,!1,!1,!1,!1)),this.checkGetterSetterParams(i));else{const
t=this.eat(o.star);p.optional&&this.unexpected(m),c.kind="method",this.parseClassElementName(c),this.parsePost
MemberNameModifiers(p),"PrivateName"===c.key.type?this.pushClassPrivateMethod(e,s,t,!0):(this.isNonstaticCo
nstructor(i)&&this.raise(i.key.start,y.ConstructorIsAsync),this.pushClassMethod(e,i,t,!0,!1,!1))}parseClassElement
Name(e){const t=this.parsePropertyName(e,!0);return
e.computed||e.static||"prototype"!==t.name&&"prototype"!==t.value||this.raise(t.start,y.StaticPrototype),"PrivateNa
me"===t.type&&"constructor"===t.id.name&&this.raise(t.start,y.ConstructorClassPrivateField),t}parseClassStatic
Block(e,t,r){var
n;this.expectPlugin("classStaticBlock",t.start),this.scope.enter(80),this.expressionScope.enter(we());const
i=this.state.labels;this.state.labels=[],this.prodParam.enter(0);const
s=t.body=[];this.parseBlockOrModuleBlockBody(s,void
0,!1,o.braceR),this.prodParam.exit(),this.expressionScope.exit(),this.scope.exit(),this.state.labels=i,e.body.push(this.
finishNode(t,"StaticBlock")),r.hadStaticBlock&&this.raise(t.start,y.DuplicateStaticBlock),(null==(n=t.decorators)?v
oid
0:n.length)&&this.raise(t.start,y.DecoratorStaticBlock),r.hadStaticBlock=!0}pushClassProperty(e,t){t.computed||"co
nstructor"!==t.key.name&&"constructor"!==t.key.value||this.raise(t.key.start,y.ConstructorClassField),e.body.push(t
his.parseClassProperty(t))}pushClassPrivateProperty(e,t){this.expectPlugin("classPrivateProperties",t.key.start);con
st
r=this.parseClassPrivateProperty(t);e.body.push(r),this.classScope.declarePrivateName(r.key.id.name,0,r.key.start)}
pushClassMethod(e,t,r,n,i,s){e.body.push(this.parseMethod(t,r,n,i,s,"ClassMethod",!0))}pushClassPrivateMethod(e,
t,r,n){this.expectPlugin("classPrivateMethods",t.key.start);const
i=this.parseMethod(t,r,n,!1,!1,"ClassPrivateMethod",!0);e.body.push(i);const
s="get"===i.kind?i.static?6:2:"set"===i.kind?i.static?5:1:0;this.classScope.declarePrivateName(i.key.id.name,s,i.ke
y.start)}parsePostMemberNameModifiers(e){}parseClassPrivateProperty(e){return
this.parseInitializer(e),this.semicolon(),this.finishNode(e,"ClassPrivateProperty")}parseClassProperty(e){return
e.typeAnnotation&&this.match(o.eq)||this.expectPlugin("classProperties"),this.parseInitializer(e),this.semicolon(),t
his.finishNode(e,"ClassProperty")}parseInitializer(e){this.scope.enter(80),this.expressionScope.enter(we()),this.prod
Param.enter(0),e.value=this.eat(o.eq)?this.parseMaybeAssignAllowIn():null,this.expressionScope.exit(),this.prodPar
am.exit(),this.scope.exit()}parseClassId(e,t,r,n=139){this.match(o.name)?(e.id=this.parseIdentifier(),t&&this.check
LVal(e.id,n,void 0,"class
name")):r||t?e.id=null:this.unexpected(null,y.MissingClassName)}parseClassSuper(e){e.superClass=this.eat(o._ext
ends)?this.parseExprSubscripts():null}parseExport(e){const
t=this.maybeParseExportDefaultSpecifier(e),r=!t||this.eat(o.comma),n=r&&this.eatExportStar(e),i=n&&this.maybeP
arseExportNamespaceSpecifier(e),s=r&&(!i||this.eat(o.comma)),a=t||n;if(n&&!i)return
t&&this.unexpected(),this.parseExportFrom(e,!0),this.finishNode(e,"ExportAllDeclaration");const
l=this.maybeParseExportNamedSpecifiers(e);if(t&&r&&!n&&!i||i&&s&&!l)throw
this.unexpected(null,o.braceL);let
c;if(a||l?(c=!1,this.parseExportFrom(e,a)):c=this.maybeParseExportDeclaration(e,a)||l)return

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this.checkExport(e,!0,!1,!e.source),this.finishNode(e,"ExportNamedDeclaration");if(this.eat(o._default))return
e.declaration=this.parseExportDefaultExpression(),this.checkExport(e,!0,!0),this.finishNode(e,"ExportDefaultDecla
ration");throw this.unexpected(null,o.braceL)}eatExportStar(e){return
this.eat(o.star)}maybeParseExportDefaultSpecifier(e){if(this.isExportDefaultSpecifier()){this.expectPlugin("export
DefaultFrom");const t=this.startNode();return
t.exported=this.parseIdentifier(!0),e.specifiers=[this.finishNode(t,"ExportDefaultSpecifier"),!0]return!1}maybePars
eExportNamespaceSpecifier(e){if(this.isContextual("as")){e.specifiers||(e.specifiers=[]);const
t=this.startNodeAt(this.state.lastTokStart,this.state.lastTokStartLoc);return
this.next(),t.exported=this.parseModuleExportName(),e.specifiers.push(this.finishNode(t,"ExportNamespaceSpecifi
er")),!0}return!1}maybeParseExportNamedSpecifiers(e){return!!this.match(o.braceL)&&(e.specifiers||(e.specifiers=
[]),e.specifiers.push(...this.parseExportSpecifiers()),e.source=null,e.declaration=null,!0)}maybeParseExportDeclarat
ion(e){return!!this.shouldParseExportDeclaration()&&(e.specifiers=[],e.source=null,e.declaration=this.parseExport
Declaration(e,!0))isAsyncFunction(){if(!this.isContextual("async"))return!1;const
e=this.nextTokenStart();return!l.test(this.input.slice(this.state.pos,e))&&this.isUnparsedContextual(e,"function")}pa
rseExportDefaultExpression(){const e=this.startNode(),t=this.isAsyncFunction();if(this.match(o._function)||t)return
this.next(),t&&this.next(),this.parseFunction(e,5,t);if(this.match(o._class))return
this.parseClass(e,!0,!0);if(this.match(o.at))return
this.hasPlugin("decorators")&&this.getPluginOption("decorators","decoratorsBeforeExport")&&this.raise(this.state.
start,y.DecoratorBeforeExport),this.parseDecorators(!1),this.parseClass(e,!0,!0);if(this.match(o._const)||this.match(o
._var)||this.isLet())throw this.raise(this.state.start,y.UnsupportedDefaultExport);{const
e=this.parseMaybeAssignAllowIn();return this.semicolon(),e}}parseExportDeclaration(e){return
this.parseStatement(null)}isExportDefaultSpecifier(){if(this.match(o.name)){const
e=this.state.value;if("async"===e&&!this.state.containsEsc||"let"===e)return!1;if(("type"===e||"interface"===e)&&
!this.state.containsEsc){const
e=this.lookahead();if(e.type===o.name&&"from"!==e.value||e.type===o.braceL)return
this.expectOnePlugin(["flow","typescript"],!1)}else if(!this.match(o._default))return!1;const
e=this.nextTokenStart(),t=this.isUnparsedContextual(e,"from");if(44===this.input.charCodeAtAt(e)||this.match(o.nam
e)&&t)return!0;if(this.match(o._default)&&t){const t=this.input.charCodeAtAt(this.nextTokenStartSince(e+4));return
34===t||39===t}return!1}parseExportFrom(e,t){if(this.eatContextual("from")){e.source=this.parseImportSource(),t
his.checkExport(e);const t=this.maybeParseImportAssertions();t&&(e.assertions=t)}else
t?this.unexpected():e.source=null;this.semicolon()}shouldParseExportDeclaration(){if(this.match(o.at)&&(this.expe
ctOnePlugin(["decorators","decorators-
legacy"]),this.hasPlugin("decorators"))){if(!this.getPluginOption("decorators","decoratorsBeforeExport"))return!0;t
his.unexpected(this.state.start,y.DecoratorBeforeExport)}return"var"===this.state.type.keyword||"const"===this.stat
e.type.keyword||"function"===this.state.type.keyword||"class"===this.state.type.keyword||this.isLet()||this.isAsyncF
unction()}checkExport(e,t,r,n){if(t)if(r){if(this.checkDuplicateExports(e,"default"),this.hasPlugin("exportDefaultFro
m")){var i;const t=e.declaration;"Identifier"!==t.type||"from"!==t.name||t.end-t.start!4||(null==(i=t.extra)?void
0:i.parentthesized)||this.raise(t.start,y.ExportDefaultFromAsIdentifier)}}else
if(e.specifiers&&e.specifiers.length)for(let t=0,r=e.specifiers;t<r.length;t++){const
e=r[t],{exported:i}=e,s="Identifier"===i.type?i.name:i.value;if(this.checkDuplicateExports(e,s),!n&&e.local){const
{local:t}=e;"StringLiteral"===t.type?this.raise(e.start,y.ExportBindingIsString,t.extra.raw,s):(this.checkReservedW
ord(t.name,t.start,!0,!1),this.scope.checkLocalExport(t))}else
if(e.declaration)if("FunctionDeclaration"===e.declaration.type||"ClassDeclaration"===e.declaration.type){const
t=e.declaration.id;if(!t)throw new Error("Assertion failure");this.checkDuplicateExports(e,t.name)}else
if("VariableDeclaration"===e.declaration.type)for(let t=0,r=e.declaration.declarations;t<r.length;t++){const
e=r[t];this.checkDeclaration(e.id)}if(this.state.decoratorStack[this.state.decoratorStack.length-1].length)throw
this.raise(e.start,y.UnsupportedDecoratorExport)}checkDeclaration(e){if("Identifier"===e.type)this.checkDuplicate
Exports(e,e.name);else if("ObjectPattern"===e.type)for(let t=0,r=e.properties;t<r.length;t++){const

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e=r[t];this.checkDeclaration(e)}else if("ArrayPattern"===e.type)for(let t=0,r=e.elements;t<r.length;t++){const
e=r[t];e&&this.checkDeclaration(e)}else"ObjectProperty"===e.type?this.checkDeclaration(e.value):"RestElement"
===e.type?this.checkDeclaration(e.argument):"AssignmentPattern"===e.type&&this.checkDeclaration(e.left)}che
kDuplicateExports(e,t){this.state.exportedIdentifiers.indexOf(t)>
1&&this.raise(e.start,"default"===t?y.DuplicateDefaultExport:y.DuplicateExport,t),this.state.exportedIdentifiers.pus
h(t)}parseExportSpecifiers(){const e=[];let t=!0;for(this.expect(o.braceL);!this.eat(o.braceR);){if(t=!1;else
if(this.expect(o.comma),this.eat(o.braceR))break;const
r=this.startNode();r.local=this.parseModuleExportName(),r.exported=this.eatContextual("as"?this.parseModuleExp
ortName():r.local.__clone(),e.push(this.finishNode(r,"ExportSpecifier"))}return
e}parseModuleExportName(){if(this.match(o.string)){this.expectPlugin("moduleStringNames");const
e=this.parseLiteral(this.state.value,"StringLiteral"),t=e.value.match(Ce);return
t&&this.raise(e.start,y.ModuleExportNameHasLoneSurrogate,t[0].charCodeAt(0).toString(16)),e}return
this.parseIdentifier(!0)}parseImport(e){if(e.specifiers=[],!this.match(o.string)){const
t=!this.maybeParseDefaultImportSpecifier(e)||this.eat(o.comma),r=t&&this.maybeParseStarImportSpecifier(e);t&&!
r&&this.parseNamedImportSpecifiers(e),this.expectContextual("from")}e.source=this.parseImportSource();const
t=this.maybeParseImportAssertions();if(t)e.assertions=t;else{const
t=this.maybeParseModuleAttributes();t&&(e.attributes=t)}return
this.semicolon(),this.finishNode(e,"ImportDeclaration")}parseImportSource(){return
this.match(o.string)||this.unexpected(),this.parseExprAtom()}shouldParseDefaultImport(e){return
this.match(o.name)}parseImportSpecifierLocal(e,t,r,n){t.local=this.parseIdentifier(),this.checkLVal(t.local,9,void
0,n),e.specifiers.push(this.finishNode(t,r))}parseAssertEntries(){const e=[],t=new
Set;do{if(this.match(o.braceR))break;const
r=this.startNode(),n=this.state.value;if(this.match(o.string)?r.key=this.parseLiteral(n,"StringLiteral"):r.key=this.pars
eIdentifier(!0),this.expect(o.colon),"type"!==n&&this.raise(r.key.start,y.ModuleAttributeDifferentFromType,n),t.ha
s(n)&&this.raise(r.key.start,y.ModuleAttributesWithDuplicateKeys,n),t.add(n,!this.match(o.string))throw
this.unexpected(this.state.start,y.ModuleAttributeInvalidValue);r.value=this.parseLiteral(this.state.value,"StringLiter
al"),this.finishNode(r,"ImportAttribute"),e.push(r)}while(this.eat(o.comma));return
e}maybeParseModuleAttributes(){if(!this.match(o._with)||this.hasPrecedingLineBreak())return
this.hasPlugin("moduleAttributes")?[]:null;this.expectPlugin("moduleAttributes"),this.next();const e=[],t=new
Set;do{const
r=this.startNode();if(r.key=this.parseIdentifier(!0),"type"!==r.key.name&&this.raise(r.key.start,y.ModuleAttributeD
ifferentFromType,r.key.name),t.has(r.key.name)&&this.raise(r.key.start,y.ModuleAttributesWithDuplicateKeys,r.ke
y.name),t.add(r.key.name),this.expect(o.colon),!this.match(o.string))throw
this.unexpected(this.state.start,y.ModuleAttributeInvalidValue);r.value=this.parseLiteral(this.state.value,"StringLiter
al"),this.finishNode(r,"ImportAttribute"),e.push(r)}while(this.eat(o.comma));return
e}maybeParseImportAssertions(){if(!this.isContextual("assert")||this.hasPrecedingLineBreak())return
this.hasPlugin("importAssertions")?[]:null;this.expectPlugin("importAssertions"),this.next(),this.eat(o.braceL);const
e=this.parseAssertEntries();return
this.eat(o.braceR),e}maybeParseDefaultImportSpecifier(e){return!this.shouldParseDefaultImport(e)&&(this.parseI
mportSpecifierLocal(e,this.startNode(),"ImportDefaultSpecifier","default import
specifier"),!0)}maybeParseStarImportSpecifier(e){if(this.match(o.star)){const t=this.startNode();return
this.next(),this.expectContextual("as"),this.parseImportSpecifierLocal(e,t,"ImportNamespaceSpecifier","import
namespace specifier"),!0}return!1}parseNamedImportSpecifiers(e){let
t=!0;for(this.expect(o.braceL);!this.eat(o.braceR);){if(t=!1;else{if(this.eat(o.colon))throw
this.raise(this.state.start,y.DestructureNamedImport);if(this.expect(o.comma),this.eat(o.braceR))break}this.parseImp
ortSpecifier(e)}parseImportSpecifier(e){const
t=this.startNode();if(t.imported=this.parseModuleExportName(),this.eatContextual("as"))t.local=this.parseIdentifier(
);else{const{imported:e}=t;if("StringLiteral"===e.type)throw

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this.raise(t.start,y.ImportBindingIsString,e.value);this.checkReservedWord(e.name,t.start,!0,!0),t.local=e.__clone())t
his.checkLVal(t.local,9,void 0,"import
specifier"),e.specifiers.push(this.finishNode(t,"ImportSpecifier"))}}constructor(e,t){super(e=function(e){const
t={};for(let r=0,n=Object.keys(he);r<n.length;r++){const i=n[r];t[i]=e&&null!=e[i]?e[i]:he[i]}return t}(e),t);const
r=this.getScopeHandler();this.options=e,this.inModule="module"===this.options.sourceType,this.scope=new
r(this.raise.bind(this),this.inModule),this.prodParam=new re,this.classScope=new
ke(this.raise.bind(this)),this.expressionScope=new Ae(this.raise.bind(this)),this.plugins=function(e){const t=new
Map;for(let r=0;r<e.length;r++){const n=e[r],[i,s]=Array.isArray(n)?n:[n,{}];t.has(i)||t.set(i,s||{ })}return
t}(this.options.plugins),this.filename=e.sourceFilename}getScopeHandler(){return Z}parse(){let
e=0;this.hasPlugin("topLevelAwait")&&this.inModule&&(e|=2),this.scope.enter(1),this.prodParam.enter(e);const
t=this.startNode(),r=this.startNode();return
this.nextToken(),t.errors=null,this.parseTopLevel(t,r),t.errors=this.state.errors,t}function _e(e,t){let
r=De;return(null===e?void 0:e.plugins)&&(!function(e){if(oe(e,"decorators")){if(oe(e,"decorators-legacy"))throw
new Error("Cannot use the decorators and decorators-legacy plugin together");const
t=le(e,"decorators","decoratorsBeforeExport");if(null===t)throw new Error("The 'decorators' plugin requires a
'decoratorsBeforeExport' option, whose value must be a boolean. If you are migrating from Babylon/Babel 6 or want
to use the old decorators proposal, you should use the 'decorators-legacy' plugin instead of
'decorators.'");if("boolean"!==typeof t)throw new Error("'decoratorsBeforeExport' must be a
boolean.")}if(oe(e,"flow")&&oe(e,"typescript"))throw new Error("Cannot combine flow and typescript
plugins.");if(oe(e,"placeholders")&&oe(e,"v8intrinsic"))throw new Error("Cannot combine placeholders and
v8intrinsic plugins.");if(oe(e,"pipelineOperator")&&!ce.includes(le(e,"pipelineOperator","proposal"))throw new
Error("'pipelineOperator' requires 'proposal' option whose value should be one of: "+ce.map(e=>`${e}`).join(",
"));if(oe(e,"moduleAttributes")){if(oe(e,"importAssertions"))throw new Error("Cannot combine importAssertions
and moduleAttributes plugins.");if("may-2020"!==le(e,"moduleAttributes","version"))throw new Error("The
'moduleAttributes' plugin requires a 'version' option, representing the last proposal update. Currently, the only
supported value is 'may-
2020'.")}}if(oe(e,"recordAndTuple")&&!pe.includes(le(e,"recordAndTuple","syntaxType"))throw new
Error("'recordAndTuple' requires 'syntaxType' option whose value should be one of: "+pe.map(e=>`${e}`).join(",
"))}(e.plugins),r=function(e){const t=de.filter(t=>oe(e,t)),r=t.join("/");let n=Le[r];if(!n){n=De;for(let
e=0;e<t.length;e++){const r=t[e];n=ue[r](n)}Le[r]=n}return n}(e.plugins),new r(e,t)}const
Le={};t.parse=function(e,t){var r;if("unambiguous"!==null==(r=t)?void 0:r.sourceType)}return
_e(t,e).parse();t=Object.assign({},t);try{t.sourceType="module";const
r=_e(t,e),n=r.parse();if(r.sawUnambiguousESM)return n;if(r.ambiguousScriptDifferentAst)try{return
t.sourceType="script",_e(t,e).parse()}catch(e){}else n.program.sourceType="script";return n}catch(r){try{return
t.sourceType="script",_e(t,e).parse()}catch(e){}throw r}},t.parseExpression=function(e,t){const r=_e(t,e);return
r.options.strictMode&&(r.state.strict!=0),r.getExpression(),t.tokTypes=o,function(e,t,r){ "use strict";const
n=r(130),i=Symbol("max"),s=Symbol("length"),a=Symbol("lengthCalculator"),o=Symbol("allowStale"),l=Symbol(
"maxAge"),c=Symbol("dispose"),p=Symbol("noDisposeOnSet"),u=Symbol("lruList"),d=Symbol("cache"),h=Symbo
l("updateAgeOnGet"),f(=)=>1;const m=(e,t,r)=>{const n=e[d].get(t);if(n){const
t=n.value;if(y(e,t)){if(b(e,n),!e[o])return}else r&&(e[h]&&(n.value.now=Date.now()),e[u].unshiftNode(n));return
t.value}},y=(e,t)=>{if(!t||!t.maxAge&&!e[l])return!1;const r=Date.now()-t.now;return
t.maxAge?r>t.maxAge:e[l]&&r>e[l]},T=e=>{if(e[s]>e[i])for(let t=e[u].tail;e[s]>e[i]&&null!==(t);){const
r=t.prev;b(e,t),t=r}},b=(e,t)=>{if(t){const r=t.value;e[c]&&e[c](r.key,r.value),e[s]-
=r.length,e[d].delete(r.key),e[u].removeNode(t)};class
g{constructor(e,t,r,n,i){this.key=e,this.value=t,this.length=r,this.now=n,this.maxAge=i||0}}const S=(e,t,r,n)=>{let
i=r.value;y(e,i)&&(b(e,r),e[o])||i=void
0)},i&&t.call(n,i.value,i.key,e)};e.exports=class{constructor(e){if("number"===typeof
e&&(e={max:e}),e||(e={}),e.max&&("number"!==typeof e.max||e.max<0))throw new TypeError("max must be a

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non-negative number");this[i]=e.max||1/0;const t=e.length||f;if(this[a]="function"!==typeof
t?f:t,this[o]=e.stale||!1,e.maxAge&&"number"!==typeof e.maxAge)throw new TypeError("maxAge must be a
number");this[l]=e.maxAge||0,this[c]=e.dispose,this[p]=e.noDisposeOnSet||!1,this[h]=e.updateAgeOnGet||!1,this.res
et())set max(e){if("number"!==typeof e||e<0)throw new TypeError("max must be a non-negative
number");this[i]=e||1/0,T(this)}get max(){return this[i]}set allowStale(e){this[o]=!e}get allowStale(){return
this[o]}set maxAge(e){if("number"!==typeof e)throw new TypeError("maxAge must be a non-negative
number");this[l]=e,T(this)}get maxAge(){return this[l]}set lengthCalculator(e){"function"!==typeof
e&&(e=f),e!==(this[a]&&(this[a]=e,this[s]=0,this[u].forEach(e=>{e.length=this[a](e.value,e.key),this[s]+=e.length)
}),T(this)}get lengthCalculator(){return this[a]}get length(){return this[s]}get itemCount(){return
this[u].length}forEach(e,t){t=t||this;for(let r=this[u].tail,null!==(r;){const
n=r.prev;S(this,e,r,t),r=n}}forEach(e,t){t=t||this;for(let r=this[u].head,null!==(r;){const
n=r.next;S(this,e,r,t),r=n}}keys(){return this[u].toArray().map(e=>e.key)}values(){return
this[u].toArray().map(e=>e.value)}reset(){this[c]&&this[u]&&this[u].length&&this[u].forEach(e=>this[c](e.key,e
.value)),this[d]=new Map,this[u]=new n,this[s]=0}dump(){return
this[u].map(e=>!y(this,e)&&{k:e.key,v:e.value,e:e.now+(e.maxAge||0)}).toArray().filter(e=>e)}dumpLru(){return
this[u]}set(e,t,r){if((r=r||this[l])&&"number"!==typeof r)throw new TypeError("maxAge must be a number");const
n=r?Date.now():0,o=this[a](t,e);if(this[d].has(e)){if(o>this[i])return b(this,this[d].get(e),!1);const
a=this[d].get(e).value;return this[c]&&(this[p]||this[c])(e,a.value),a.now=n,a.maxAge=r,a.value=t,this[s]+=o-
a.length,a.length=0,this.get(e),T(this),!0}const h=new g(e,t,o,n,r);return
h.length>this[i]?(this[c]&&this[c](e,t,!1):(this[s]+=h.length,this[u].unshift(h),this[d].set(e,this[u].head),T(this),!0)
has(e){if(!this[d].has(e))return!1;const t=this[d].get(e).value;return!y(this,t)}get(e){return
m(this,e,!0)}peek(e){return m(this,e,!1)}pop(){const e=this[u].tail;return
e?(b(this,e),e.value):null}del(e){b(this,this[d].get(e))}load(e){this.reset();const t=Date.now();for(let r=e.length-
1;r>=0;r--){const n=e[r],i=n.e||0;if(0===i)this.set(n.k,n.v);else{const e=i-
t;e>0&&this.set(n.k,n.v,e)}}}prune(){this[d].forEach((e,t)=>m(this,t,!1))}}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(){throw Error("Test Error
stack")},t.SOURCE_STACK_FRAME_LINE_NUMBER=void
0;t.SOURCE_STACK_FRAME_LINE_NUMBER=12},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.ForAwaitStatement=t.NumericLiteralTypeAnnotation=t.
ExistentialTypeParam=t.SpreadProperty=t.RestProperty=t.Flow=t.Pure=t.Generated=t.User=t.Var=t.BlockScoped=t
.Referenced=t.Scope=t.Expression=t.Statement=t.BindingIdentifier=t.ReferencedMemberExpression=t.ReferencedI
dentifier=void 0;var n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof
e&&"function"!==typeof e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e}const
s={types:["Identifier","JSXIdentifier"],checkPath(e,t){const{node:r,parent:i}=e;if(!n.isIdentifier(r,t)&&!n.isJSXM
emberExpression(i,t)){if(!n.isJSXIdentifier(r,t))return!1;if(n.react.isCompatTag(r.name))return!1}return
n.isReferenced(r,i,e.parentPath.parent)};t.ReferencedIdentifier=s;const
a={types:["MemberExpression"],checkPath:({node:e,parent:t})=>n.isMemberExpression(e)&&n.isReferenced(e,t)
;t.ReferencedMemberExpression=a;const
o={types:["Identifier"],checkPath(e){const{node:t,parent:r}=e,i=e.parentPath.parent;return
n.isIdentifier(t)&&n.isBinding(t,r,i)};t.BindingIdentifier=o;const
l={types:["Statement"],checkPath({node:e,parent:t}){if(n.isStatement(e)){if(n.isVariableDeclaration(e)){if(n.isForX
Statement(t,{left:e}))return!1;if(n.isForStatement(t,{init:e}))return!1}return!0}return!1}};t.Statement=l;const
c={types:["Expression"],checkPath:e=>e.isIdentifier()?e.isReferencedIdentifier():n.isExpression(e.node)};t.Expressi

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on=c;const p={ types:["Scopable","Pattern"],checkPath:e=>n.isScope(e.node,e.parent)};t.Scope=p;const
u={ checkPath:e=>n.isReferenced(e.node,e.parent)};t.Referenced=u;const
d={ checkPath:e=>n.isBlockScoped(e.node)};t.BlockScoped=d;const
h={ types:["VariableDeclaration"],checkPath:e=>n.isVar(e.node)};t.Var=h;const
f={ checkPath:e=>e.node&&!e.node.loc};t.User=f;const m={ checkPath:e=>!e.isUser()};t.Generated=m;const
y={ checkPath:(e,t)=>e.scope.isPure(e.node,t)};t.Pure=y;const
T={ types:["Flow","ImportDeclaration","ExportDeclaration","ImportSpecifier"],checkPath:({ node:e})=>!n.isFlow(
e)||n.isImportDeclaration(e)?"type"===e.importKind||"typeof"===e.importKind:n.isExportDeclaration(e)?"type"===
e.exportKind:!!n.isImportSpecifier(e)&&("type"===e.importKind||"typeof"===e.importKind)};t.Flow=T;const
b={ types:["RestElement"],checkPath:e=>e.parentPath&&e.parentPath.isObjectPattern()};t.RestProperty=b;const
g={ types:["RestElement"],checkPath:e=>e.parentPath&&e.parentPath.isObjectExpression()};t.SpreadProperty=g;t.
ExistentialTypeParam={ types:["ExistsTypeAnnotation"]};t.NumericLiteralTypeAnnotation={ types:["NumberLitera
lTypeAnnotation"]};const
S={ types:["ForOfStatement"],checkPath:({ node:e})=>!0===e.await};t.ForAwaitStatement=S,function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t){ const r=e.split(".");return
e=>(0,i.default)(e,r,t)};var n,i=(n=r(65))&&n.__esModule?n:{ default:n },function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t,r){ if(!0,n.isMemberExpression)(e)
return!1;const i=Array.isArray(t)?t.split("."),s=[];let
a;for(a=e;(0,n.isMemberExpression)(a);a=a.object)s.push(a.property);if(s.push(a),s.length<i.length)return!1;if(!r&&
s.length>i.length)return!1;for(let e=0,t=s.length-1,e<i.length;e++,t--){ const r=s[t];let
a;if((0,n.isIdentifier)(r))a=r.name;else{ if(!(0,n.isStringLiteral)(r))return!1;a=r.value }if(i[e]!==a)return!1 }return!0};v
ar n=r(2),function(e,t){ e.exports=function(e,t){ return e===t||e!=e&&t!=t },function(e,t,r){ var
n=r(18),i=r(22);e.exports=function(e){ if(!i(e))return!1;var t=n(e);return"[object Function]"===t||"[object
GeneratorFunction]"===t||"[object AsyncFunction]"===t||"[object Proxy]"===t },function(e,t){ var r="object"===typeof
global&&global&&global.Object===Object&&global&&global&&e.exports=r},function(e,t){ var
r=Function.prototype.toString;e.exports=function(e){ if(null!==(e)){ try{return r.call(e)} catch(e){ } try{return
e+"" } catch(e){ } } return"" },function(e,t,r){ var
n=r(71),i=r(66),s=Object.prototype.hasOwnProperty;e.exports=function(e,t,r){ var a=e[t];s.call(e,t)&&i(a,r)&&(void
0!==r||t in e)||n(e,t,r)},function(e,t,r){ var
n=r(171);e.exports=function(e,t,r){ "__proto__"===t&&n?n(e,t,{ configurable:!0,enumerable:!0,value:r,writable:!0}):
e[t]=r },function(e,t,r){ var
n=r(173),i=r(174),s=r(43),a=r(73),o=r(177),l=r(178),c=Object.prototype.hasOwnProperty;e.exports=function(e,t){ v
ar
r=s(e),p=!r&&i(e),u=!r&&!p&&a(e),d=!r&&!p&&!u&&l(e),h=r||p||u||d,f=h?n(e.length,String):[],m=f.length;for(var
y in
e)!t&&!c.call(e,y)||h&&("length"===y||u&&("offset"===y||parent"===y)||d&&("buffer"===y||"byteLength"===y||"byteO
ffset"===y)||o(y,m)||f.push(y);return f },function(e,t,r){ (function(e){ var
n=r(7),i=r(176),s=t&&!t.nodeType&&t,a=s&&"object"===typeof
e&&e&&!e.nodeType&&e.o=a&&a.exports===s?n.Buffer:void 0,l=(o?o.isBuffer:void
0)||i;e.exports=l}).call(this,r(31)(e)),function(e,t){ e.exports=function(e){ return"number"===typeof e&&e>-
1&&e%1===0&&e<=9007199254740991 },function(e,t){ e.exports=function(e,t){ return function(r){ return
e(t(r)) },function(e,t,r){ var n=r(67),i=r(74);e.exports=function(e){ return
null!=e&&i(e.length)&&!n(e) },function(e,t){ e.exports=function(){ return[] },function(e,t,r){ var
n=r(79),i=r(47),s=r(46),a=r(77),o=Object.getOwnPropertySymbols?function(e){ for(var t=[];e;n(t,s(e)),e=i(e);return
t ):a;e.exports=o },function(e,t){ e.exports=function(e,t){ for(var r=-1,n=t.length,i=e.length;++r<n;)e[i+r]=t[r];return
e },function(e,t,r){ var n=r(79),i=r(43);e.exports=function(e,t,r){ var s=t(e);return
i(e)?s:n(s,r(e)) },function(e,t,r){ "use strict";let n=null;function i(e){ if(null!==(n&&(n.property,1)){ const e=n;return
n=i.prototype=null,e }return n=i.prototype=null===e?Object.create(null):e,new i }i().e.exports=function(e){ return

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i(e)}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t){ if(e===t)return!0;const
r=n.PLACEHOLDERS_ALIAS[e];if(r)for(const e of r)if(t===e)return!0;return!1};var n=r(5)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.PLACEHOLDERS_FLIPPED_ALIAS=t.PLACEHOLD
ERS_ALIAS=t.PLACEHOLDERS=void 0;var n=r(9);const
i=["Identifier","StringLiteral","Expression","Statement","Declaration","BlockStatement","ClassBody","Pattern"];t.P
LACEHOLDERS=i;const
s={Declaration:["Statement"],Pattern:["PatternLike","LVal"]};t.PLACEHOLDERS_ALIAS=s;for(const e of
i){const t=n.ALIAS_KEYS[e];(null===t?void 0:t.length)&&(s[e]=t)}const
a={};t.PLACEHOLDERS_FLIPPED_ALIAS=a,Object.keys(s).forEach(e=>{s[e].forEach(t=>{ Object.hasOwnProp
erty.call(a,t)||a[t]=[],a[t].push(e)}))}),function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e){ return!(!e||!n.VISITOR_KEYS[e.typ
e]);var n=r(5)},function(e,t,r){ "use strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function
e(t){const r={},i={},s=[],a=[];for(let o=0;o<t.length;o++){const
l=t[o];if(l&&!a.indexOf(l)>=0){if((0,n.isAnyTypeAnnotation)(l))return l;if((0,n.isFlowBaseAnnotation)(l))i[l.typ
e]=l;else if((0,n.isUnionTypeAnnotation)(l))s.indexOf(l.types)<0&&(t=t.concat(l.types),s.push(l.types));else
if((0,n.isGenericTypeAnnotation)(l)){const t=l.id.name;if(r[t]){let
n=r[t];n.typeParameters?l.typeParameters&&(n.typeParameters.params=e(n.typeParameters.params.concat(l.typePar
ameters.params)):n=l.typeParameters}else r[t]=l}else a.push(l)}for(const e of Object.keys(i))a.push(i[e]);for(const
e of Object.keys(r))a.push(r[e]);return a};var n=r(2)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t,r){if(!r||!e)return e;const
n=t+"Comments";e[n]?e[n]="leading"===t?r.concat(e[n]):e[n].concat(r):e[n]=r;return e}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t){(0,i.default)("innerComments",e,t
);var n,i=(n=r(53))&&n.__esModule?n:{ default:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t){(0,i.default)("leadingComments",e
,t);var n,i=(n=r(53))&&n.__esModule?n:{ default:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t){return(0,n.default)(e,t),(0,i.default
)(e,t),(0,s.default)(e,t),e};var n=a(r(90)),i=a(r(88)),s=a(r(87));function a(e){ return
e&&e.__esModule?e:{ default:e}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t){(0,i.default)("trailingComments",e
,t);var n,i=(n=r(53))&&n.__esModule?n:{ default:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t){if((0,n.isBlockStatement)(e))return
e;let
r=[];(0,n.isEmptyStatement)(e)?r=[]:((0,n.isStatement)(e)||e=(0,n.isFunction)(t)?(0,i.returnStatement)(e):(0,i.expres
sionStatement)(e)),r=[e];return(0,i.blockStatement)(r)};var n=r(2),i=r(4)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e){e=e(e=(e="+").replace(/^[a-zA-
Z0-9$_]/g,"-")).replace(/^-0-9]+/, "").replace(/[-\s]+(.)?/g,(function(e,t){ return
t?t.toUpperCase():""})),(0,i.default)(e)||e="_"+e;return e||"_";var
n,i=(n=r(23))&&n.__esModule?n:{ default:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t){return(0,n.default)(e,i.default,t),e};
var n=s(r(94)),i=s(r(95));function s(e){ return e&&e.__esModule?e:{ default:e}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function e(t,r,i){ if(!t)return;const
s=n.VISITOR_KEYS[t.type];if(!s)return;r(t,i=i||{});for(const n of s){const s=t[n];if(Array.isArray(s))for(const t of
s)e(t,r,i);else e(s,r,i)};var n=r(5)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t={}){const
r=t.preserveComments?i:s;for(const t of r)null!=e[t]&&(e[t]=void 0);for(const t of
Object.keys(e))"_===t[0]&&null!=e[t]&&(e[t]=void 0);const n=Object.getOwnPropertySymbols(e);for(const t of
n)e[t]=null};var n=r(13);const

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i=["tokens","start","end","loc","raw","rawValue"],s=n.COMMENT_KEYS.concat(["comments"]).concat(i)},function(e,t,r){
use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,n.isVariableDeclaration)(e)
&&("var"!==e.kind||e[i.BLOCK_SCOPED_SYMBOL])};var
n=r(2),i=r(13)},function(e,t,r){e.exports=function(e){function t(e){let t=0;for(let r=0;r<e.length;r++)t=(t<<5)-
t+e.charCodeAt(r),t|=0;return n.colors[Math.abs(t)%n.colors.length]}function n(e){let r;function
a(...e){if(!a.enabled)return;const t=a,i=Number(new Date),s=i-
(r||i),t.diff=s,t.prev=r,t.curr=i,r=i,e[0]=n.coerce(e[0]),"string"!==typeof e[0]&&e.unshift("%O");let
o=0;e[0]=e[0].replace(/%([a-zA-Z%])/g,(r,i)=>{if("%"===r)return r;o++;const
s=n.formatters[i];if("function"===typeof s){const n=e[o];r=s.call(t,n),e.splice(o,1),o--}return
r}),n.formatArgs.call(t,e),(t.log||n.log).apply(t,e)}return
a.namespace=e,a.enabled=n.enabled(e),a.useColors=n.useColors(),a.color=t(e),a.destroy=i,a.extend=s,"function"===t
ypeof n.init&&n.init(a),n.instances.push(a),a}function i(){const e=n.instances.indexOf(this);return-
1!==e&&(n.instances.splice(e,1),!0)}function s(e,t){const r=n(this.namespace+(void 0===t?"":t)+e);return
r.log=this.log,r}function a(e){return e.toString().substring(2,e.toString().length-2).replace(/\.*\?$/,"*")}return
n.debug=n,n.default=n,n.coerce=function(e){if(e instanceof Error)return e.stack||e.message;return
e},n.disable=function(){const e=[...n.names.map(a),...n.skips.map(a).map(e=>"-"+e)].join(",");return
n.enable(""),e},n.enable=function(e){let t;n.save(e),n.names=[],n.skips=[];const r=("string"===typeof
e?"").split(/[/\s,]+/),i=r.length;for(t=0;t<i;t++)r[t]&&("-"===e=r[t].replace(/\*/g,".*?"))[0]?n.skips.push(new
RegExp("^"+e.substr(1)+"$")):n.names.push(new RegExp("^"+e+"$"));for(t=0;t<n.instances.length;t++){const
e=n.instances[t];e.enabled=n.enabled(e.namespace)},n.enabled=function(e){if("*"===e[e.length-1])return!0;let
t,r;for(t=0,r=n.skips.length;t<r;t++)if(n.skips[t].test(e))return!1;for(t=0,r=n.names.length;t<r;t++)if(n.names[t].test(e
))return!0;return!1},n.humanize=r(257),Object.keys(e).forEach(t=>{n[t]=e[t]}),n.instances=[],n.names=[],n.skips=[
],n.formatters={},n.selectColor=t,n.enable(n.load()),n)},function(e,t){e.exports=require("tty")},function(e,t){e.expor
ts=require("os")},function(e,t,r){
use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;var
n=p(r(262)),i=p(r(17)),s=p(r(101)),a=p(r(312)),o=function(e){if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=c();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0)),l=r(38);function c(){if("function"!==typeof WeakMap)return null;var e=new
WeakMap;return c=function(){return e},e}function p(e){return e&&e.__esModule?e:{default:e}}const
u={For(e){for(const t of o.FOR_INIT_KEYS){const
r=e.get(t);if(r.isVar()){(e.scope.getFunctionParent()||e.scope.getProgramParent()).registerBinding("var",r)}},Declar
ation(e){if(e.isBlockScoped())return;if(e.isExportDeclaration())&&e.get("declaration").isDeclaration()return;(e.scop
e.getFunctionParent()||e.scope.getProgramParent()).registerDeclaration(e)},ReferencedIdentifier(e,t){t.references.pu
sh(e)},ForXStatement(e,t){const
r=e.get("left");(r.isPattern()||r.isIdentifier())&&t.constantViolations.push(e)},ExportDeclaration:{exit(e){const{node
:t,scope:r}=e,n=t.declaration;if(o.isClassDeclaration(n)||o.isFunctionDeclaration(n)){const t=n.id;if(!t)return;const
i=r.getBinding(t.name);i&&i.reference(e)}else if(o.isVariableDeclaration(n))for(const t of n.declarations)for(const n
of Object.keys(o.getBindingIdentifiers(t))){const
t=r.getBinding(n);t&&t.reference(e)}},LabeledStatement(e){e.scope.getProgramParent().addGlobal(e.node),e.scop
e.getBlockParent().registerDeclaration(e)},AssignmentExpression(e,t){t.assignments.push(e)},UpdateExpression(e,t
){t.constantViolations.push(e)},UnaryExpression(e,t){"delete"===e.node.operator&&t.constantViolations.push(e)},
BlockScoped(e){let
t=e.scope;if(t.path===e&&(t=t.parent),t.getBlockParent().registerDeclaration(e),e.isClassDeclaration()&&e.node.id
){const t=e.node.id.name;e.scope.bindings[t]=e.scope.parent.getBinding(t)},Block(e){const
t=e.get("body");for(const r of

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t).isFunctionDeclaration()&&e.scope.getBlockParent().registerDeclaration(r)},CatchClause(e){e.scope.registerBinding("let",e)},Function(e){e.isFunctionExpression()&&e.has("id")&&!e.get("id").node[o.NOT_LOCAL_BINDING]&&e.scope.registerBinding("local",e.get("id"),e);const t=e.get("params");for(const r of t)e.scope.registerBinding("param",r)},ClassExpression(e){e.has("id")&&!e.get("id").node[o.NOT_LOCAL_BINDING]&&e.scope.registerBinding("local",e)}};let d=0;class
h{constructor(e){const{node:t}=e,r=l.scope.get(t);if((null==r?void 0:r.path)===e)return
r;l.scope.set(t,this),this.uid=d++,this.block=t,this.path=e,this.labels=new Map,this.inited=!1}get parent(){const
e=this.path.findParent(e=>e.isScope());return null==e?void 0:e.scope}get parentBlock(){return this.path.parent}get
hub(){return this.path.hub}traverse(e,t,r){(0,i.default)(e,t,this,r,this.path)}generateDeclaredUidIdentifier(e){const
t=this.generateUidIdentifier(e);return this.push({id:t}),o.cloneNode(t)}generateUidIdentifier(e){return
o.identifier(this.generateUid(e))}generateUid(e="temp"){let t;e=o.toIdentifier(e).replace(/^\_+/, "").replace(/[0-
9]+$/g, "");let
r=1;do{t=this._generateUid(e,r,r++)}while(this.hasLabel(t)||this.hasBinding(t)||this.hasGlobal(t)||this.hasReference(t
));const n=this.getProgramParent();return n.references[t]=!0,n.uids[t]=!0,t._generateUid(e,t){let r=e;return
t>1&&(r+=t),"_" +r}generateUidBasedOnNode(e,t){const r=[];!function e(t,r){switch(null==t?void
0:t.type){default:if(o.isModuleDeclaration(t))if(t.source)e(t.source,r);else
if(t.specifiers&&t.specifiers.length)for(const n of t.specifiers)e(n,r);else t.declaration&&e(t.declaration,r);else
o.isModuleSpecifier(t)?e(t.local,r):o.isLiteral(t)&&r.push(t.value);break;case"MemberExpression":case"OptionalMe
mberExpression":case"JSXMemberExpression":e(t.object,r),e(t.property,r);break;case"Identifier":case"JSXIdentifie
r":r.push(t.name);break;case"CallExpression":case"OptionalCallExpression":case"NewExpression":e(t.callee,r);brea
k;case"ObjectExpression":case"ObjectPattern":for(const n of
t.properties)e(n,r);break;case"SpreadElement":case"RestElement":e(t.argument,r);break;case"ObjectProperty":case"
ObjectMethod":case"ClassProperty":case"ClassMethod":case"ClassPrivateProperty":case"ClassPrivateMethod":e(t.
key,r);break;case"ThisExpression":r.push("this");break;case"Super":r.push("super");break;case"Import":r.push("imp
ort");break;case"DoExpression":r.push("do");break;case"YieldExpression":r.push("yield"),e(t.argument,r);break;cas
e"AwaitExpression":r.push("await"),e(t.argument,r);break;case"AssignmentExpression":e(t.left,r);break;case"Variab
leDeclarator":e(t.id,r);break;case"FunctionExpression":case"FunctionDeclaration":case"ClassExpression":case"Clas
sDeclaration":case"PrivateName":e(t.id,r);break;case"ParenthesizedExpression":e(t.expression,r);break;case"Unary
Expression":case"UpdateExpression":e(t.argument,r);break;case"MetaProperty":e(t.meta,r),e(t.property,r);break;cas
e"JSXElement":e(t.openingElement,r);break;case"JSXOpeningElement":r.push(t.name);break;case"JSXFragment":e
(t.openingFragment,r);break;case"JSXOpeningFragment":r.push("Fragment");break;case"JSXNamespacedName":e(
t.namespace,r),e(t.name,r)}(e,r);let n=r.join("$");return
n=n.replace(/^\_+/, "")||t||"ref",this.generateUid(n.slice(0,20))}generateUidIdentifierBasedOnNode(e,t){return
o.identifier(this.generateUidBasedOnNode(e,t))}isStatic(e){if(o.isThisExpression(e)||o.isSuper(e))return!0;if(o.isIde
ntifier(e)){const t=this.getBinding(e.name);return
t?t.constant:this.hasBinding(e.name)}return!1}maybeGenerateMemoised(e,t){if(this.isStatic(e))return null;{const
r=this.generateUidIdentifierBasedOnNode(e);return
t?:r:(this.push({id:r}),o.cloneNode(r))}checkBlockScopedCollisions(e,t,r,n){if("param"===t)return;if("local"===e.
kind)return;if("let"===t||"let"===e.kind||"const"===e.kind||"module"===e.kind||"param"===e.kind&&("let"===t||"c
onst"===t))throw this.hub.buildError(n,`Duplicate declaration "${r}"`,TypeError)}rename(e,t,r){const
i=this.getBinding(e);if(i)return t||this.generateUidIdentifier(e).name,new
n.default(i,e,t).rename(r)}_renameFromMap(e,t,r,n){e[t]&&(e[r]=n,e[t]=null)}dump(){const e="-
.repeat(60);console.log(e);let t=this;do{console.log("#",t.block.type);for(const e of Object.keys(t.bindings)){const
r=t.bindings[e];console.log(" -
",e,{constant:r.constant,references:r.references,violations:r.constantViolations.length,kind:r.kind})}}while(t=t.paren
t);console.log(e)}toArray(e,t,r){if(o.isIdentifier(e)){const t=this.getBinding(e.name);if((null==t?void
0:t.constant)&&t.path.isGenericType("Array"))return e}if(o.isArrayExpression(e))return
e;if(o.isIdentifier(e,{name:"arguments"}))return

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o.callExpression(o.memberExpression(o.memberExpression(o.memberExpression(o.identifier("Array"),o.identifier(
"prototype")),o.identifier("slice")),o.identifier("call")),[e]);let n;const
i=[e];return!0===t?n="toConsumableArray":t?(i.push(o.numericLiteral(t)),n="slicedToArray"):n="toArray",r&&(i.
unshift(this.hub.addHelper(n)),n="maybeArrayLike"),o.callExpression(this.hub.addHelper(n),i)}hasLabel(e){return!
!this.getLabel(e)}getLabel(e){return
this.labels.get(e)}registerLabel(e){this.labels.set(e.node.label.name,e)}registerDeclaration(e){if(e.isLabeledStateme
nt())this.registerLabel(e);else if(e.isFunctionDeclaration())this.registerBinding("hoisted",e.get("id"),e);else
if(e.isVariableDeclaration()){const t=e.get("declarations");for(const r of t)this.registerBinding(e.node.kind,r)}else
if(e.isClassDeclaration())this.registerBinding("let",e);else if(e.isImportDeclaration()){const
t=e.get("specifiers");for(const e of t)this.registerBinding("module",e)}else if(e.isExportDeclaration()){const
t=e.get("declaration");(t.isClassDeclaration()||t.isFunctionDeclaration()||t.isVariableDeclaration())&&this.registerDe
claration(t)}else this.registerBinding("unknown",e)}buildUndefinedNode(){return
o.unaryExpression("void",o.numericLiteral(0),!0)}registerConstantViolation(e){const
t=e.getBindingIdentifiers();for(const r of Object.keys(t)){const
t=this.getBinding(r);t&&t.reassign(e)}registerBinding(e,t,r=t){if(!e)throw new ReferenceError("no
`kind`");if(t.isVariableDeclaration()){const r=t.get("declarations");for(const t of
r)this.registerBinding(e,t);return}const n=this.getProgramParent(),i=t.getOuterBindingIdentifiers(!0);for(const t of
Object.keys(i)){n.references[t]=!0;for(const n of i[t]){const
i=this.getOwnBinding(t);if(i){if(i.identifier===n)continue;this.checkBlockScopedCollisions(i,e,t,n)}i?this.registerC
onstantViolation(r):this.bindings[t]=new
s.default({identifier:n,scope:this,path:r,kind:e})}}addGlobal(e){this.globals[e.name]=e}hasUid(e){let
t=this;do{if(t.uids[e])return!0}while(t=t.parent);return!1}hasGlobal(e){let
t=this;do{if(t.globals[e])return!0}while(t=t.parent);return!1}hasReference(e){return!!this.getProgramParent().refere
nces[e]}isPure(e,t){if(o.isIdentifier(e)){const
r=this.getBinding(e.name);return!r&&(t||r.constant)}if(o.isClass(e))return!(e.superClass&&!this.isPure(e.superCla
ss,t))&&this.isPure(e.body,t);if(o.isClassBody(e)){for(const r of
e.body)if(!this.isPure(r,t))return!1;return!0}if(o.isBinary(e))return
this.isPure(e.left,t)&&this.isPure(e.right,t);if(o.isArrayExpression(e)){for(const r of
e.elements)if(!this.isPure(r,t))return!1;return!0}if(o.isObjectExpression(e)){for(const r of
e.properties)if(!this.isPure(r,t))return!1;return!0}if(o.isMethod(e))return!(e.computed&&!this.isPure(e.key,t))&&("g
et"!==e.kind&&"set"===e.kind);if(o.isProperty(e))return!(e.computed&&!this.isPure(e.key,t))&&this.isPure(e.value
,t);if(o.isUnaryExpression(e))return this.isPure(e.argument,t);if(o.isTaggedTemplateExpression(e))return
o.matchesPattern(e.tag,"String.raw")&&!this.hasBinding("String",!0)&&this.isPure(e.quasi,t);if(o.isTemplateLiteral
(e)){for(const r of e.expressions)if(!this.isPure(r,t))return!1;return!0}return o.isPureish(e)}setData(e,t){return
this.data[e]=t}getData(e){let t=this;do{const r=t.data[e];if(null!=r)return r}while(t=t.parent)}removeData(e){let
t=this;do{null!=t.data[e]&&(t.data[e]=null)}while(t=t.parent)}init(){this.initied||(this.initied=!0,this.crawl())}crawl(){
const
e=this.path;if(this.references=Object.create(null),this.bindings=Object.create(null),this.globals=Object.create(null),t
his.uids=Object.create(null),this.data=Object.create(null),e.isFunction()){e.isFunctionExpression()&&e.has("id")&
&!e.get("id").node[o.NOT_LOCAL_BINDING]&&this.registerBinding("local",e.get("id"),e);const
t=e.get("params");for(const e of t)this.registerBinding("param",e)}const
t=this.getProgramParent();if(t.crawling)return;const
r={references:[],constantViolations:[],assignments:[]};this.crawling=!0,e.traverse(u,r),this.crawling=!1;for(const e
of r.assignments){const r=e.getBindingIdentifiers();for(const n of
Object.keys(r))e.scope.getBinding(n)||t.addGlobal(r[n]);e.scope.registerConstantViolation(e)}for(const e of
r.references){const r=e.scope.getBinding(e.node.name);r?r.reference(e):t.addGlobal(e.node)}for(const e of
r.constantViolations)e.scope.registerConstantViolation(e)}push(e){let
t=this.path;t.isBlockStatement()||t.isProgram()||(t=this.getBlockParent().path),t.isSwitchStatement()&&(t=this.getF

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unctionParent()||this.getProgramParent()).path),(t.isLoop()||t.isCatchClause()||t.isFunction())&&(t.ensureBlock(),t=t.get("body"));const r=e.unique,n=e.kind||"var",i=null===e._blockHoist?2:e._blockHoist,s=`declaration:${n}:${i}`;let a=!r&&t.getData(s);if(!a){const e=o.variableDeclaration(n,[]);e._blockHoist=i,[a]=t.unshiftContainer("body",[e]),r||t.setData(s,a)}const l=o.variableDeclarator(e.id,e.init);a.node.declarations.push(l),this.registerBinding(n,a.get("declarations").pop())}getProgramParent(){let e=this;do{if(e.path.isProgram())return e}while(e=e.parent);throw new Error("Couldn't find a Program")}getFunctionParent(){let e=this;do{if(e.path.isFunctionParent())return e}while(e=e.parent);return null}getBlockParent(){let e=this;do{if(e.path.isBlockParent())return e}while(e=e.parent);throw new Error("We couldn't find a BlockStatement, For, Switch, Function, Loop or Program...")}getAllBindings(){const e=Object.create(null);let t=this;do{for(const r of Object.keys(t.bindings))r in e===!1&&(e[r]=t.bindings[r]);t=t.parent}while(t);return e}getAllBindingsOfKind(){const e=Object.create(null);for(const t of arguments){let r=this;do{for(const n of Object.keys(r.bindings)){const i=r.bindings[n];i.kind===t&&(e[n]=i)}r=r.parent}while(r)}return e}bindingIdentifierEquals(e,t){return this.getBindingIdentifier(e)===t}getBinding(e){let t,r=this;do{const i=r.getOwnBinding(e);var n;if(i)if(!(null==(n=t)?void 0:n.isPattern())||"param"===i.kind)return i;t=r.path}while(r=r.parent)}getOwnBinding(e){return this.bindings[e]}getBindingIdentifier(e){var t;return null==(t=this.getBinding(e)?void 0:t.identifier)}getOwnBindingIdentifier(e){const t=this.bindings[e];return null==t?void 0:t.identifier}hasOwnBinding(e){return!!this.getOwnBinding(e)}hasBinding(e,t){return!!e&&(!!this.hasOwnBinding(e)||(!this.parentHasBinding(e,t)||(!this.hasUid(e)||(!t||!h.globals.includes(e)||!t||!h.contextVariables.includes(e)))))}parentHasBinding(e,t){var r;return null==(r=this.parent)?void 0:r.hasBinding(e,t)}moveBindingTo(e,t){const r=this.getBinding(e);r&&(r.scope.removeOwnBinding(e),r.scope=t,t.bindings[e]=r)}removeOwnBinding(e){delete this.bindings[e]}removeBinding(e){var t;null==(t=this.getBinding(e))||t.scope.removeOwnBinding(e);let r=this;do{r.uids[e]&&(r.uids[e]=1)}while(r=r.parent)}t.default=h,h.globals=Object.keys(a.default.builtin),h.contextVariables=["arguments","undefined","Infinity","NaN"],function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;0;t.default=class{constructor({identifier:e,scope:t,path:r,kind:n}){this.constantViolations=[],this.constant=!0,this.referencePaths=[],this.referenced=!1,this.references=0,this.identifier=e,this.scope=t,this.path=r,this.kind=n,this.clearValue()}deoptValue(){this.clearValue(),this.hasDeoptedValue=!0}setValue(e){this.hasDeoptedValue||(this.hasValue=!0,this.value=e)}clearValue(){this.hasDeoptedValue=!1,this.hasValue=!1,this.value=null}reassign(e){this.constant=!1,-1===this.constantViolations.indexOf(e)&&this.constantViolations.push(e)}reference(e){-1===this.referencePaths.indexOf(e)&&(this.referenced=!0,this.references++,this.referencePaths.push(e))}dereference(){this.references--,this.referenced=!this.references}}},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){const r=e.split(".");return e=>(0,n.default)(e,r,t)};var n=r(103)},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){if(!(0,n.isMemberExpression)(e))return!1;const i=Array.isArray(t)?t.split("."),s=[];let a;for(a=e;(0,n.isMemberExpression)(a);a=a.object)s.push(a.property);if(s.push(a),s.length<i.length)return!1;if(!r&&s.length>i.length)return!1;for(let e=0,t=s.length-1;e<i.length;e++,t--){const r=s[t];let a;if((0,n.isIdentifier)(r))a=r.name;else if((0,n.isStringLiteral)(r))a=r.value;else{if(!(0,n.isThisExpression)(r))return!1;a="this"}if(i[e]!==a)return!1}return!0};var n=r(1)},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){if(e===t)return!0;const r=n.PLACEHOLDERS_ALIAS[e];if(r)for(const e of r)if(t===e)return!0;return!1};var n=r(6)},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.PLACEHOLDERS_FLIPPED_ALIAS=t.PLACEHOLDERS_ALIAS=t.PLACEHOLDERS=void 0;var n=r(10);const i=["Identifier","StringLiteral","Expression","Statement","Declaration","BlockStatement","ClassBody","Pattern"];t.PLACEHOLDERS=i;const

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s={Declaration:["Statement"],Pattern:["PatternLike","LVal"]};t.PLACEHOLDERS_ALIAS=s;for(const e of
i){const t=n.ALIAS_KEYS[e];null!=t&&t.length&&(s[e]=t)}const
a={};t.PLACEHOLDERS_FLIPPED_ALIAS=a,Object.keys(s).forEach(e=>{s[e].forEach(t=>{Object.hasOwnProp
erty.call(a,t)||a[t]=[],a[t].push(e)}))},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return!(e||!n.VISITOR_KEYS[e.typ
e]);var n=r(6),function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function
e(t){const r={},s={},a=[],o=[];for(let l=0;l<t.length;l++){const
c=t[l];if(c&&!(o.indexOf(c)>=0)){if((0,n.isAnyTypeAnnotation)(c))return[c];if((0,n.isFlowBaseAnnotation)(c))s[c.t
ype]=c;else if((0,n.isUnionTypeAnnotation)(c))a.indexOf(c.types)<0&&(t=t.concat(c.types),a.push(c.types));else
if((0,n.isGenericTypeAnnotation)(c)){const t=i(c.id);if(r[t]){let
n=r[t];n.typeParameters?c.typeParameters&&(n.typeParameters.params=e(n.typeParameters.params.concat(c.typePa
rameters.params))):n=c.typeParameters}else r[t]=c}else o.push(c)}}for(const e of
Object.keys(s))o.push(s[e]);for(const e of Object.keys(r))o.push(r[e]);return o};var n=r(1);function
i(e){return(0,n.isIdentifier)(e)?e.name:`${e.id.name}.${i(e.qualification)}`},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){if(!r||e)return e;const
n=t+"Comments";e[n]?e[n]="leading"===t?r.concat(e[n]):e[n].concat(r):e[n]=r;return e}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){(0,n.default)("innerComments",e,t
)};var n=r(58)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){(0,n.default)("leadingComments",e
,t)};var n=r(58)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){return(0,n.default)(e,t),(0,i.default
)(e,t),(0,s.default)(e,t),e};var n=r(112),i=r(110),s=r(109)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){(0,n.default)("trailingComments",e
,t)};var n=r(58)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){if((0,n.isBlockStatement)(e))return
e;let
r=[];(0,n.isEmptyStatement)(e)?r=[]:((0,n.isStatement)(e)||e=(0,n.isFunction)(t)?(0,i.returnStatement)(e):(0,i.expres
sionStatement)(e)),r=[e];return(0,i.blockStatement)(r)};var n=r(1),i=r(3)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){e+="";let t="";for(const r of
e)t+=(0,i.isIdentifierChar)(r.codePointAt(0))?r:"-";t=t.replace(/^-0-9+/, ""),t=t.replace(/[-
\s]+(\.)?/g,(function(e,t){return t?t.toUpperCase():""})),(0,n.default)(t)||t="_"+t;return t||"_";var
n=r(24),i=r(19)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){return(0,n.default)(e,i.default,t),e};
var n=r(116),i=r(117)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function e(t,r,i){if(!t)return;const
s=n.VISITOR_KEYS[t.type];if(!s)return;r(t,i=||{});for(const n of s){const s=t[n];if(Array.isArray(s))for(const t of
s)e(t,r,i);else e(s,r,i)};var n=r(6)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t={}){const
r=t.preserveComments?i:s;for(const t of r)null!=e[t]&&(e[t]=void 0);for(const t of
Object.keys(e))"_===t[0]&&null!=e[t]&&(e[t]=void 0);const n=Object.getOwnPropertySymbols(e);for(const t of
n)e[t]=null};var n=r(15);const
i=["tokens","start","end","loc","raw","rawValue"],s=n.COMMENT_KEYS.concat(["comments"]).concat(i),functio
n(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,n.isVariableDeclaration)(e)
&&("var"!==e.kind||e[i.BLOCK_SCOPED_SYMBOL])};var n=r(1),i=r(15)},function(e,t,r){var
n=r(120),i=r(25),s=r(121).ArraySet,a=r(318).MappingList;function
o(e){e||e={},this._file=i.getArg(e,"file",null),this._sourceRoot=i.getArg(e,"sourceRoot",null),this._skipValidation
=i.getArg(e,"skipValidation",!1),this._sources=new s,this._names=new s,this._mappings=new

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a,this._sourcesContents=null}o.prototype._version=3,o.fromSourceMap=function(e){var t=e.sourceRoot,r=new
o({file:e.file,sourceRoot:t});return e.eachMapping((function(e){var
n={generated:{line:e.generatedLine,column:e.generatedColumn}};null!=e.source&&(n.source=e.source,null!=t&&(
n.source=i.relative(t,n.source)),n.original={line:e.originalLine,column:e.originalColumn},null!=e.name&&(n.name
=e.name)),r.addMapping(n)})),e.sources.forEach((function(t){var
n=e.sourceContentFor(t);null!=n&&r.setSourceContent(t,n)}),r),o.prototype.addMapping=function(e){var
t=i.getArg(e,"generated"),r=i.getArg(e,"original",null),n=i.getArg(e,"source",null),s=i.getArg(e,"name",null);this._s
kipValidation||this._validateMapping(t,r,n,s),null!=n&&(n=String(n),this._sources.has(n)||this._sources.add(n)),null!
=s&&(s=String(s),this._names.has(s)||this._names.add(s)),this._mappings.add({generatedLine:t.line,generatedColu
mn:t.column,originalLine:null!=r&&r.line,originalColumn:null!=r&&r.column,source:n,name:s}),o.prototype.setS
ourceContent=function(e,t){var
r=e;null!=this._sourceRoot&&(r=i.relative(this._sourceRoot,r)),null!=t?(this._sourcesContents||(this._sourcesConten
ts=Object.create(null)),this._sourcesContents[i.toSetString(r)]=t):this._sourcesContents&&(delete
this._sourcesContents[i.toSetString(r)],0===Object.keys(this._sourcesContents).length&&(this._sourcesContents=null)),o.prototype.applySourceMap=function(e,t,r){var n=t;if(null==t){if(null==e.file)throw new
Error('SourceMapGenerator.prototype.applySourceMap requires either an explicit source file, or the source map\'s
"file" property. Both were omitted.')}n=e.file}var a=this._sourceRoot;null!=a&&(n=i.relative(a,n));var o=new
s,l=new s;this._mappings.unsortedForEach((function(t){if(t.source===n&&null!=t.originalLine){var
s=e.originalPositionFor({line:t.originalLine,column:t.originalColumn});null!=s.source&&(t.source=s.source,null!=r
&&(t.source=i.join(r,t.source)),null!=a&&(t.source=i.relative(a,t.source)),t.originalLine=s.line,t.originalColumn=s.c
olumn,null!=s.name&&(t.name=s.name))}var c=t.source;null==c||o.has(c)||o.add(c);var
p=t.name;null==p||l.has(p)||l.add(p)}),this),this._sources=o,this._names=l,e.sources.forEach((function(t){var
n=e.sourceContentFor(t);null!=n&&(null!=r&&(t=i.join(r,t)),null!=a&&(t=i.relative(a,t)),this.setSourceContent(t,n
)}),this)},o.prototype._validateMapping=function(e,t,r,n){if(t&&"number"!=typeof t.line&&"number"!=typeof
t.column)throw new Error("original.line and original.column are not numbers -- you probably meant to omit the
original mapping entirely and only map the generated position. If so, pass null for the original mapping instead of an
object with empty or null values.");if(!(e&&"line" in e&&"column" in
e&&e.line>0&&e.column>=0)||t||r||n)&&!(e&&"line" in e&&"column" in e&&t&&"line" in t&&"column" in
t&&e.line>0&&e.column>=0&&t.line>0&&t.column>=0&&r))throw new Error("Invalid mapping:
"+JSON.stringify({generated:e,source:r,original:t,name:n})),o.prototype._serializeMappings=function(){for(var
e,t,r,s,a=0,o=1,l=0,c=0,p=0,u=0,d="",h=this._mappings.toArray(),f=0,m=h.length;f<m;f++){if(e="",(t=h[f]).generat
edLine!==o)for(a=0;t.generatedLine!==o;e+=";",o++);else if(f>0){if(!i.compareByGeneratedPositionsInflated(t,h[f-
1]))continue;e+=", " }e+=n.encode(t.generatedColumn-
a),a=t.generatedColumn,null!=t.source&&(s=this._sources.indexOf(t.source),e+=n.encode(s-
u),u=s,e+=n.encode(t.originalLine-1-c),c=t.originalLine-1,e+=n.encode(t.originalColumn-
l),l=t.originalColumn,null!=t.name&&(r=this._names.indexOf(t.name),e+=n.encode(r-p),p=r)),d+=e}return
d},o.prototype._generateSourcesContent=function(e,t){return e.map((function(e){if(!this._sourcesContents)return
null;null!=t&&(e=i.relative(t,e));var r=i.toSetString(e);return
Object.prototype.hasOwnProperty.call(this._sourcesContents,r)?this._sourcesContents[r]:null}),this)},o.prototype.to
JSON=function(){var
e={version:this._version,sources:this._sources.toArray(),names:this._names.toArray(),mappings:this._serializeMapp
ings()};return
null!=this._file&&(e.file=this._file),null!=this._sourceRoot&&(e.sourceRoot=this._sourceRoot),this._sourcesConte
nts&&(e.sourcesContent=this._generateSourcesContent(e.sources,e.sourceRoot)),e},o.prototype.toString=function()
{return JSON.stringify(this.toJSON()),t.SourceMapGenerator=o,function(e,t,r){var
n=r(317);t.encode=function(e){var t,r="",i=function(e){return e<0?1+(-
e<<1):0+(e<<1)}(e);do{t=31&i,(i>>=5)>0&&(t|=32),r+=n.encode(t)}while(i>0);return
r},t.decode=function(e,t,r){var i,s,a,o,l=e.length,c=0,p=0;do{if(t>=l)throw new Error("Expected more digits in base

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64 VLQ value.");if(-1===(s=n.decode(e.charCodeAt(t++)))throw new Error("Invalid base64 digit: "+e.charAt(t-
1));i=!(32&s),c+=(s&=31)<<p,p+=5}while(i);r.value=(o=(a=c)>>1,1==(1&a)?-o:o),r.rest=t}},function(e,t,r){var
n=r(25),i=Object.prototype.hasOwnProperty,s="undefined"!==typeof Map;function
a(){this._array=[],this._set=s?new Map:Object.create(null)}a.fromArray=function(e,t){for(var r=new
a,n=0,i=e.length;n<i;n++)r.add(e[n],t);return r},a.prototype.size=function(){return
s?this._set.size:Object.getOwnPropertyNames(this._set).length},a.prototype.add=function(e,t){var
r=s?e.n.toSetString(e),a=s?this.has(e):i.call(this._set,r),o=this._array.length;a&&!t||this._array.push(e),a||
(s?this._set.set(e,o):this._set[r]=o)},a.prototype.has=function(e){if(s)return this._set.has(e);var t=n.toSetString(e);return
i.call(this._set,t)},a.prototype.indexOf=function(e){if(s){var t=this._set.get(e);if(t>=0)return t}else{var
r=n.toSetString(e);if(i.call(this._set,r))return this._set[r]}throw new Error("'+e+' is not in the
set.")},a.prototype.at=function(e){if(e>=0&&e<this._array.length)return this._array[e];throw new Error("No element
indexed by "+e)},a.prototype.toArray=function(){return this._array.slice()},t.ArraySet=a},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.needsWhitespace=h,t.needsWhitespaceBefore=function(
e,t){return h(e,t,"before")},t.needsWhitespaceAfter=function(e,t){return
h(e,t,"after")},t.needsParens=function(e,t,r){if(!t)return!1;if(s.isNewExpression(t)&&t.callee===e&&function
e(t){if(s.isCallExpression(t))return!0;return s.isMemberExpression(t)&&e(t.object)}(e))return!0;return
d(c,e,t,r)};var n=o(r(325)),i=o(r(326)),s=o(r(0));function a(){if("function"!==typeof WeakMap)return null;var e=new
WeakMap;return a=function(){return e},e}function o(e){if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=a();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}return
r.default=e,t&&t.set(e,r,r)}function l(e){const t={};function r(e,r){const n=t[e];t[e]=n?function(e,t,i){const
s=n(e,t,i);return null===s?r(e,t,i):s}:r}for(const t of Object.keys(e)){const
n=s.FLIPPED_ALIAS_KEYS[t];if(n)for(const i of n)r(i,e[t]);else r(t,e[t])}return t}const
c=l(i),p=l(n.nodes),u=l(n.list);function d(e,t,r,n){const i=e[t.type];return i?i(t,r,n):null}function h(e,t,r){if(!e)return
0;s.isExpressionStatement(e)&&(e=e.expression);let n=d(p,e,t);if(!n){const i=d(u,e,t);if(i)for(let
t=0;t<i.length&&(n=h(i[t],e,r),!n);t++);}return"object"===typeof n&&null!==n&&n[r]||0}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.ImportSpecifier=function(e){ "type"!==e.importKind&&
"typeof"!==e.importKind||!(this.word(e.importKind),this.space());this.print(e.imported,e),e.local&&e.local.name!==e
.imported.name&&(this.space(),this.word("as"),this.space(),this.print(e.local,e))},t.ImportDefaultSpecifier=function
(e){this.print(e.local,e)},t.ExportDefaultSpecifier=function(e){this.print(e.exported,e)},t.ExportSpecifier=function(e
){this.print(e.local,e),e.exported&&e.local.name!==e.exported.name&&(this.space(),this.word("as"),this.space(),thi
s.print(e.exported,e))},t.ExportNamespaceSpecifier=function(e){this.token("*"),this.space(),this.word("as"),this.spa
ce(),this.print(e.exported,e)},t.ExportAllDeclaration=function(e){this.word("export"),this.space(),"type"===e.export
Kind&&(this.word("type"),this.space());this.token("*"),this.space(),this.word("from"),this.space(),this.print(e.source
,e),this.printAssertions(e),this.semicolon(),t.ExportNamedDeclaration=function(e){this.format.decoratorsBeforeEx
port&&n.isClassDeclaration(e.declaration)&&this.printJoin(e.declaration.decorators,e);this.word("export"),this.spac
e(),s.apply(this,arguments)},t.ExportDefaultDeclaration=function(e){this.format.decoratorsBeforeExport&&n.isCla
ssDeclaration(e.declaration)&&this.printJoin(e.declaration.decorators,e);this.word("export"),this.space(),this.word("
default"),this.space(),s.apply(this,arguments)},t.ImportDeclaration=function(e){var
t;this.word("import"),this.space(),"type"===e.importKind||"typeof"===e.importKind&&(this.word(e.importKind),
this.space());const r=e.specifiers.slice(0);if(null===r?void 0:r.length){for(;;){const
t=r[0];if(!n.isImportDefaultSpecifier(t)&&!n.isImportNamespaceSpecifier(t))break;this.print(r.shift(),e),r.length&&
(this.token(","),this.space())}r.length&&(this.token("{"),this.space(),this.printList(r,e),this.space(),this.token("}"),thi
s.space(),this.word("from"),this.space())}this.print(e.source,e),this.printAssertions(e),(null==(t=e.attributes)?void
0:t.length)&&(this.space(),this.word("with"),this.space(),this.printList(e.attributes,e));this.semicolon(),t.ImportAttr
ibute=function(e){this.print(e.key),this.token(":"),this.space(),this.print(e.value)},t.ImportNamespaceSpecifier=func

```



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tion(e){this.token("*"),this.space(),this.word("as"),this.space(),this.print(e.local,e)};var
n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e}function s(e){if(e.declaration){const
t=e.declaration;this.print(t,e),n.isStatement(t)||this.semicolon()}else{"type"===e.exportKind&&(this.word("type"),t
his.space());const t=e.specifiers.slice(0);let r=!1;for(;;){const
i=t[0];if(!n.isExportDefaultSpecifier(i)&&!n.isExportNamespaceSpecifier(i))break;r=!0,this.print(t.shift(),e),t.length
&&(this.token(", "),this.space())(t.length||t.length&&r)&&(this.token("{ "),t.length&&(this.space(),this.printList(t,
e),this.space()),this.token("}")),e.source&&(this.space(),this.word("from"),this.space(),this.print(e.source,e),this.prin
tAssertions(e)),this.semicolon()}}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.Identifier=function(e){this.exactSource(e.loc,()=>>{this.w
ord(e.name)}}),t.ArgumentPlaceholder=function(){this.token("?")},t.SpreadElement=t.RestElement=function(e){thi
s.token("..."),this.print(e.argument,e)},t.ObjectPattern=t.ObjectExpression=function(e){const
t=e.properties;this.token("{ "),this.printInnerComments(e),t.length&&(this.space(),this.printList(t,e,{indent:!0,statem
ent:!0}),this.space());this.token("}"),t.ObjectMethod=function(e){this.printJoin(e.decorators,e),this._methodHead(e
),this.space(),this.print(e.body,e)},t.ObjectProperty=function(e){if(this.printJoin(e.decorators,e),e.computed)this.tok
en("[ "),this.print(e.key,e),this.token("]");else{if(i.isAssignmentPattern(e.value)&&i.isIdentifier(e.key)&&e.key.name
===e.value.left.name)return void
this.print(e.value,e);if(this.print(e.key,e),e.shorthand&&i.isIdentifier(e.key)&&i.isIdentifier(e.value)&&e.key.name
===e.value.name)return this.token(":"),this.space(),this.print(e.value,e)},t.ArrayPattern=t.ArrayExpression=functio
n(e){const t=e.elements,r=t.length;this.token("[ "),this.printInnerComments(e);for(let n=0;n<t.length;n++){const
i=t[n];i?(n>0&&this.space(),this.print(i,e),n<r-
1&&this.token(", "))this.token(",")}this.token("]"),t.RecordExpression=function(e){const t=e.properties;let
r,n;if("bar"===this.format.recordAndTupleSyntaxType)r="{"",n="}";else{if("hash"!==this.format.recordAndTuple
SyntaxType)throw new Error("The \"recordAndTupleSyntaxType\" generator option must be \"bar\" or \"hash\"
($ {JSON.stringify(this.format.recordAndTupleSyntaxType)}
received).");r="#{"",n="}"}this.token(r),this.printInnerComments(e),t.length&&(this.space(),this.printList(t,e,{indent
:!0,statement:!0}),this.space());this.token(n)},t.TupleExpression=function(e){const t=e.elements,r=t.length;let
n,i;if("bar"===this.format.recordAndTupleSyntaxType)n="["",i="]";else{if("hash"!==this.format.recordAndTupleS
yntaxType)throw new Error(this.format.recordAndTupleSyntaxType+" is not a valid recordAndTuple syntax
type");n="#["",i="]"}this.token(n),this.printInnerComments(e);for(let n=0;n<t.length;n++){const
i=t[n];i&&(n>0&&this.space(),this.print(i,e),n<r-
1&&this.token(", "))this.token(i)},t.RegExpLiteral=function(e){this.word(`/ ${e.pattern} / ${e.flags}`)},t.BooleanLit
eral=function(e){this.word(e.value?"true":"false")},t.NullLiteral=function(){this.word("null")},t.NumericLiteral=fun
ction(e){const
t=this.getPossibleRaw(e),r=this.format.jscOption,n=e.value+"";r.numbers?this.number((0,s.default)(e.value,r)):nul
l===t?this.number(n):this.format.minified?this.number(t.length<n.length?t.n):this.number(t)},t.StringLiteral=function
(e){const t=this.getPossibleRaw(e);if(!this.format.minified&&null!=t)return void this.token(t);const
r=this.format.jscOption;this.format.jsonCompatibleStrings&&(r.json=!0);const n=(0,s.default)(e.value,r);return
this.token(n)},t.BigIntLiteral=function(e){const t=this.getPossibleRaw(e);if(!this.format.minified&&null!=t)return
void this.token(t);this.token(e.value+"n")},t.DecimalLiteral=function(e){const
t=this.getPossibleRaw(e);if(!this.format.minified&&null!=t)return void
this.token(t);this.token(e.value+"m")},t.PipelineTopicExpression=function(e){this.print(e.expression,e)},t.PipelineB
areFunction=function(e){this.print(e.callee,e)},t.PipelinePrimaryTopicReference=function(){this.token("#")};var

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n,i=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=a();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0)),s=(n=r(333))&&n.__esModule?n:{default:n};function a(){if("function"!==typeof
WeakMap)return null;var e=new WeakMap;return a=function(){return e},e},function(e,t,r){if(!
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.codeFrameColumns=o,t.default=function(e,t,r,n={}){if(!
s){s=!0;const e="Passing lineNumber and colNumber is deprecated to @babel/code-frame. Please use
`codeFrameColumns`.";if(process.emitWarning)process.emitWarning(e,"DeprecationWarning");else{new
Error(e).name="DeprecationWarning",console.warn(new Error(e))}}return
r=Math.max(r,0),o(e,{start:{column:r,line:t}},n)};var n=function(e){if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=i();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(343));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e}let s=!1;const a=/\r\n|[\n\r\u2028\u2029]/;function o(e,t,r={}){const
i=(r.highlightCode||r.forceColor)&&(0,n.shouldHighlight)(r),s=(0,n.getChalk)(r),o=function(e){return{gutter:e.grey,
marker:e.red.bold,message:e.red.bold}}(s),l=(e,t)=>i?e(t):t,c=e.split(a),{start:p,end:u,markerLines:d}=function(e,t,r)
{const n=Object.assign({column:0,line:-
1},e.start),i=Object.assign({n,e.end},{linesAbove:s=2,linesBelow:a=3}=r||{}),o=n.line,l=n.column,c=i.line,p=i.colu
mn;let u=Math.max(o-(s+1),0),d=Math.min(t.length,c+a),-1===o&&(u=0),-1===c&&(d=t.length);const h=c-
o,f={};if(h)for(let e=0;e<=h;e++){const r=e+o;if(1)if(0===e){const e=t[r-1].length;f[r]=[l,e-1+1]}else
if(e===h)f[r]=[0,p];else{const n=t[r-e].length;f[r]=[0,n]}else f[r]=!0}else f[o]=l===p?!l||[l,0]:[l,p-
l];return{start:u,end:d,markerLines:f}}(t,c,r),h=t.start&&"number"===typeof t.start.column,f=String(u).length;let
m=(i?(0,n.default)(e,r):e).split(a).slice(p,u).map((e,t)=>{const n=p+1+t,i=` ${(" "+n).slice(-f)}
`,s=d[n],a=!d[n+1];if(s){let t="";if(Array.isArray(s)){const n=e.slice(0,Math.max(s[0]-1,0)).replace(/[\^t]/g,"
"),c=s[1]||1;t=["\n",l(o.gutter,i.replace(/\d/g," ")),",",n,l(o.marker,"^").repeat(c)].join(""),a&&r.message&&(t+="
"+l(o.message,r.message))}return[l(o.marker,">"),l(o.gutter,i),e.length>0?" "+e:""].join("")}return
`${l(o.gutter,i)}${e.length>0?" "+e:""}`}).join("\n");return r.message&&!h&&(m=` $ {
".repeat(f+1)}${r.message}\n${m}`),i?s.reset(m):m}},function(e,t,r){var n=r(349),i={};for(var s in
n)n.hasOwnProperty(s)&&(i[n[s]]=s);var
a=e.exports={rgb:{channels:3,labels:"rgb"},hsl:{channels:3,labels:"hsl"},hsv:{channels:3,labels:"hsv"},hwb:{chann
els:3,labels:"hwb"},cmyk:{channels:4,labels:"cmyk"},xyz:{channels:3,labels:"xyz"},lab:{channels:3,labels:"lab"},l
ch:{channels:3,labels:"lch"},hex:{channels:1,labels:["hex"]},keyword:{channels:1,labels:["keyword"]},ansi16:{cha
nnels:1,labels:["ansi16"]},ansi256:{channels:1,labels:["ansi256"]},hcg:{channels:3,labels:["h","c","g"]},apple:{cha
nnels:3,labels:["r16","g16","b16"]},gray:{channels:1,labels:["gray"]}};for(var o in
a)if(a.hasOwnProperty(o)){if(!("channels"in a[o]))throw new Error("missing channels property: "+o);if(!("labels"in
a[o]))throw new Error("missing channel labels property: "+o);if(a[o].labels.length!==a[o].channels)throw new
Error("channel and label counts mismatch: "+o);var l=a[o].channels,c=a[o].labels;delete a[o].channels,delete
a[o].labels,Object.defineProperty(a[o],"channels",{value:l}),Object.defineProperty(a[o],"labels",{value:c})}a.rgb.hs
l=function(e){var t,r,n=e[0]/255,i=e[1]/255,s=e[2]/255,a=Math.min(n,i,s),o=Math.max(n,i,s),l=o-a;return
o===a?t=0:n===o?t=(i-s)/l:i===o?t=2+(s-n)/l:s===o&&(t=4+(n-
i)/l),(t=Math.min(60*t,360))<0&&(t+=360),r=(a+o)/2,[t,100*(o===a?0:r<=.5?l/(o+a):l/(2-o-
a)),100*r]},a.rgb.hsv=function(e){var t,r,n,i,s,a=e[0]/255,o=e[1]/255,l=e[2]/255,c=Math.max(a,o,l),p=c-
Math.min(a,o,l),u=function(e){return(c-e)/6/p+.5};return 0===p?i=s=0:(s=p/c,t=u(a),r=u(o),n=u(l),a===c?i=n-
r:o===c?i=1/3+t-n:l===c&&(i=2/3+r-t),i<0?i+=1:i>1&&(i=1)),[360*i,100*s,100*c]},a.rgb.hwb=function(e){var

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t=e[0],r=e[1],n=e[2];return[a.rgb.hsl(e)[0],100*(1/255*Math.min(t,Math.min(r,n))),100*(n=1-
1/255*Math.max(t,Math.max(r,n)))]},a.rgb.cmyk=function(e){var
t,r=e[0]/255,n=e[1]/255,i=e[2]/255;return[100*((1-r-(t=Math.min(1-r,1-n,1-i)))/(1-t)||0),100*((1-n-t)/(1-
t)||0),100*((1-i-t)/(1-t)||0),100*t]},a.rgb.keyword=function(e){var t=i[e];if(t)return t;var r,s,a,o=1/0;for(var l in
n)if(n.hasOwnProperty(l)){var c=n[l],p=(s=e,a=c,Math.pow(s[0]-a[0],2)+Math.pow(s[1]-a[1],2)+Math.pow(s[2]-
a[2],2));p<o&&(o=p,r=l)}return r},a.keyword.rgb=function(e){return n[e]},a.rgb.xyz=function(e){var
t=e[0]/255,r=e[1]/255,n=e[2]/255;return[100*(.4124*(t>.04045?Math.pow((t+.055)/1.055,2.4):t/12.92)+.3576*(r=
r>.04045?Math.pow((r+.055)/1.055,2.4):r/12.92)+.1805*(n>.04045?Math.pow((n+.055)/1.055,2.4):n/12.92)),100
*(.2126*t+.7152*r+.0722*n),100*(.0193*t+.1192*r+.9505*n)]},a.rgb.lab=function(e){var
t=a.rgb.xyz(e),r=t[0],n=t[1],i=t[2];return
n/=100,i/=108.883,r=(r/=95.047)>.008856?Math.pow(r,1/3):7.787*r+16/116,[116*(n>.008856?Math.pow(n,1/3):
7.787*n+16/116)-16,500*(r-n),200*(n-(i>.008856?Math.pow(i,1/3):7.787*i+16/116))]},a.hsl.rgb=function(e){var
t,r,n,i,s,a=e[0]/360,o=e[1]/100,l=e[2]/100;if(0===o)return[s=255*1,s,s];t=2*1-(r=1<.5?1*(1+o):1+o-
l*o),i=[0,0,0];for(var c=0;c<3;c++){n=a+1/3*(c-1)<0&&n++,n>1&&n--,s=6*n<1?t+6*(r-
t)*n:2*n<1?r:3*n<2?t+(r-t)*(2/3-n)*6:t,i[c]=255*s;return i},a.hsl.hsv=function(e){var
t=e[0],r=e[1]/100,n=e[2]/100,i=r,s=Math.max(n,.01);return r*(n*=2)<=1?n:2-n,i*=s<=1?s:2-
s,[t,100*(0===n?2*i/(s+i):2*r/(n+r)),100*((n+r)/2)]},a.hsv.rgb=function(e){var
t=e[0]/60,r=e[1]/100,n=e[2]/100,i=Math.floor(t)%6,s=t-Math.floor(t),a=255*n*(1-r),o=255*n*(1-r*s),l=255*n*(1-
r*(1-s));switch(n*=255,i){case 0:return[n,l,a];case 1:return[o,n,a];case 2:return[a,n,l];case 3:return[a,o,n];case
4:return[l,a,n];case 5:return[n,a,o]}},a.hsv.hsl=function(e){var
t,r,n,i,e[0],s=e[1]/100,a=e[2]/100,o=Math.max(a,.01);return n=(2-s)*a,r=s*o,[i,100*(r=(r/(t=(2-s)*o)<=1?2-
t)||0),100*(n/=2)]},a.hwb.rgb=function(e){var
t,r,n,i,s,a,o,l=e[0]/360,c=e[1]/100,p=e[2]/100,u=c+p;switch(u>1&&(c/=u,p/=u),n=6*1-
(t=Math.floor(6*t)),0!=(1&t)&&(n=1-n),i=c+n*((r=1-p)-c),t){default:case 6:case 0:s=r,a=i,o=c;break;case
1:s=i,a=r,o=c;break;case 2:s=c,a=r,o=i;break;case 3:s=c,a=i,o=r;break;case 4:s=i,a=c,o=r;break;case
5:s=r,a=c,o=i}return[255*s,255*a,255*o]},a.cmyk.rgb=function(e){var
t=e[0]/100,r=e[1]/100,n=e[2]/100,i=e[3]/100;return[255*(1-Math.min(1,t*(1-i)+i)),255*(1-Math.min(1,r*(1-
i)+i)),255*(1-Math.min(1,n*(1-i)+i))]},a.xyz.rgb=function(e){var t,r,n,i=e[0]/100,s=e[1]/100,a=e[2]/100;return r=-
.9689*i+1.8758*s+.0415*a,n=.0557*i+-.204*s+1.057*a,t=(t=3.2406*i+-1.5372*s+-
.4986*a)>.0031308?1.055*Math.pow(t,1/2.4)-.055:12.92*t,r=r>.0031308?1.055*Math.pow(r,1/2.4)-
.055:12.92*r,n=n>.0031308?1.055*Math.pow(n,1/2.4)-
.055:12.92*n,[255*(t=Math.min(Math.max(0,t),1)),255*(r=Math.min(Math.max(0,r),1)),255*(n=Math.min(Math.m
ax(0,n),1))]},a.xyz.lab=function(e){var t=e[0],r=e[1],n=e[2];return
r/=100,n/=108.883,t=(t/=95.047)>.008856?Math.pow(t,1/3):7.787*t+16/116,[116*(r>.008856?Math.pow(r,1/3):7.
787*r+16/116)-16,500*(t-r),200*(r-(n>.008856?Math.pow(n,1/3):7.787*n+16/116))]},a.lab.xyz=function(e){var
t,r,n,i=e[0];t=e[1]/500+(r=(i+16)/116),n=r-e[2]/200;var s=Math.pow(r,3),a=Math.pow(t,3),o=Math.pow(n,3);return
r=s>.008856?s:(r-16/116)/7.787,t=a>.008856?a:(t-16/116)/7.787,n=o>.008856?o:(n-
16/116)/7.787,[t*=95.047,r*=100,n*=108.883]},a.lab.lch=function(e){var
t,r=e[0],n=e[1],i=e[2];return(t=360*Math.atan2(i,n)/2/Math.PI)<0&&(t+=360),[r,Math.sqrt(n*n+i*i),t]},a.lch.lab=fun
ction(e){var t,r=e[0],n=e[1];return
t=e[2]/360*2*Math.PI,[r,n*Math.cos(t),n*Math.sin(t)]},a.rgb.ansi16=function(e){var t=e[0],r=e[1],n=e[2],i=1 in
arguments?arguments[1]:a.rgb.hsv(e)[2];if(0===i=Math.round(i/50))return 30;var
s=30+(Math.round(n/255)<<2|Math.round(r/255)<<1|Math.round(t/255));return
2===i&&(s+=60),s},a.hsv.ansi16=function(e){return a.rgb.ansi16(a.hsv.rgb(e),e[2])},a.rgb.ansi256=function(e){var
t=e[0],r=e[1],n=e[2];return t===r&&r===n?t<8?t>248?231:Math.round((t-
8)/247*24)+232:16+36*Math.round(t/255*5)+6*Math.round(r/255*5)+Math.round(n/255*5)},a.ansi16.rgb=functio
n(e){var t=e%10;if(0===t||7===t)return e>50&&(t+=3.5),[t=t/10.5*255,t,t];var
r=.5*(1+~~(e>50));return[(1&t)*r*255,(t>>1&1)*r*255,(t>>2&1)*r*255]},a.ansi256.rgb=function(e){if(e>=232){

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var t=10*(e-232)+8;return[t,t,t]}var r;return e-
=16,[Math.floor(e/36)/5*255,Math.floor((r=e%36)/6)/5*255,r%6/5*255]],a.rgb.hex=function(e){var
t=(((255&Math.round(e[0]))<<16)+((255&Math.round(e[1]))<<8)+(255&Math.round(e[2]))).toString(16).toUpperCase
ase();return"000000".substring(t.length)+t},a.hex.rgb=function(e){var t=e.toString(16).match(/([a-f0-9]{6}|[a-f0-
9]{3})/i);if(!t)return[0,0,0];var r=t[0];3===t[0].length&&(r=r.split("").map((function(e){return e+e})).join(""));var
n=parseInt(r,16);return[n>>16&255,n>>8&255,255&n]},a.rgb.hcg=function(e){var
t,r=e[0]/255,n=e[1]/255,i=e[2]/255,s=Math.max(Math.max(r,n),i),a=Math.min(Math.min(r,n),i),o=s-a;return
t=o<=0?0:s===r?(n-i)/o%6:s===n?2+(i-r)/o:4+(r-n)/o+4,t/=6,[360*(t%=1),100*o,100*(o<1?a/(1-
o):0)]},a.hsl.hcg=function(e){var t=e[1]/100,r=e[2]/100,n=1,i=0;return(n=r<.5?2*t*r:2*t*(1-r))<1&&(i=(r-.5*n)/(1-
n)),[e[0],100*n,100*i]},a.hsv.hcg=function(e){var t=e[1]/100,r=e[2]/100,n=t*r,i=0;return n<1&&(i=(r-n)/(1-
n)),[e[0],100*n,100*i]},a.hcg.rgb=function(e){var
t=e[0]/360,r=e[1]/100,n=e[2]/100;if(0===r)return[255*n,255*n,255*n];var i,s=[0,0,0],a=t%1*6,o=a%1,l=1-
o;switch(Math.floor(a)){case 0:s[0]=1,s[1]=o,s[2]=0;break;case 1:s[0]=1,s[1]=1,s[2]=0;break;case
2:s[0]=0,s[1]=1,s[2]=o;break;case 3:s[0]=0,s[1]=1,s[2]=1;break;case
4:s[0]=o,s[1]=0,s[2]=1;break;default:s[0]=1,s[1]=0,s[2]=1}return i=(1-
r)*n,[255*(r*s[0]+i),255*(r*s[1]+i),255*(r*s[2]+i)]},a.hcg.hsv=function(e){var t=e[1]/100,r=t+e[2]/100*(1-
t),n=0;return r>0&&(n=t/r),[e[0],100*n,100*r]},a.hcg.hsl=function(e){var t=e[1]/100,r=e[2]/100*(1-
t)+.5*t,n=0;return r>0&&r<.5?n=t/(2*r):r>=.5&&r<1&&(n=t/(2*(1-
r))),[e[0],100*n,100*r]},a.hcg.hwb=function(e){var t=e[1]/100,r=t+e[2]/100*(1-t);return[e[0],100*(r-t),100*(1-
r)]},a.hwb.hcg=function(e){var t=e[1]/100,r=1-e[2]/100,n=r-t,i=0;return n<1&&(i=(r-n)/(1-
n)),[e[0],100*n,100*i]},a.apple.rgb=function(e){return[e[0]/65535*255,e[1]/65535*255,e[2]/65535*255]},a.rgb.app
le=function(e){return[e[0]/255*65535,e[1]/255*65535,e[2]/255*65535]},a.gray.rgb=function(e){return[e[0]/100*2
55,e[0]/100*255,e[0]/100*255]},a.gray.hsl=a.gray.hsv=function(e){return[0,0,e[0]]},a.gray.hwb=function(e){return
[0,100,e[0]]},a.gray.cmyk=function(e){return[0,0,0,e[0]]},a.gray.lab=function(e){return[e[0],0,0]},a.gray.hex=funct
ion(e){var
t=255&Math.round(e[0]/100*255),r=(((t<<16)+(t<<8)+t).toString(16).toUpperCase();return"000000".substring(r.len
gth)+r},a.rgb.gray=function(e){return[(e[0]+e[1]+e[2])/3/255*100]}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){const{placeholderWhitelist:a,plac
eholderPattern:o,preserveComments:c,syntacticPlaceholders:p}=r,u=function(e,t,r){const
n=(t.plugins||[]).slice();!1!==r&&n.push("placeholders");t=Object.assign({allowReturnOutsideFunction:!0,allowSup
erOutsideMethod:!0,sourceType:"module"},t,{plugins:n});try{return(0,i.parse)(e,t)}catch(t){const r=t.loc;throw
r&&(t.message+="\n"+(0,s.codeFrameColumns)(e,{start:r})),t.code="BABEL_TEMPLATE_PARSE_ERROR"},t)}(t,r.parser,p);n.removePropertiesDeep(u,{preserveComments:c}),e.validate(u);const
d={placeholders:[],placeholderNames:new Set},h={placeholders:[],placeholderNames:new Set},f={value:void
0};return
n.traverse(u,l,{syntactic:d,legacy:h,isLegacyRef:f,placeholderWhitelist:a,placeholderPattern:o,syntacticPlaceholders
:p}),Object.assign({ast:u},f.value?h:d);var n=function(e){if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=a();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(20)),i=r(362),s=r(125);function a(){if("function"!==typeof WeakMap)return null;var e=new
WeakMap;return a=function(){return e},e}const o=/^[_$A-Z0-9]+$/;function l(e,t,r){var i;let
s;if(n.isPlaceholder(e)){if(!1===r.syntacticPlaceholders)throw new Error("%foo%-style placeholders can't be
used when '.syntacticPlaceholders' is
false.");s=e.name.name,r.isLegacyRef.value=!1}else{if(!1===r.isLegacyRef.value||r.syntacticPlaceholders)return;if(
n.isIdentifier(e)||n.isJSXIdentifier(e))s=e.name,r.isLegacyRef.value=!0}else{if(!n.isStringLiteral(e))return;s=e.value,
r.isLegacyRef.value=!0}}if(!r.isLegacyRef.value&&(null!=r.placeholderPattern||null!=r.placeholderWhitelist))thro

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w new Error("'placeholderWhitelist' and 'placeholderPattern' aren't compatible with 'syntacticPlaceholders:
true");if(r.isLegacyRef.value&&(!1===r.placeholderPattern||!(r.placeholderPattern||o).test(s))&&!(null==(i=r.place
holderWhitelist)?void 0:i.has(s)))return;t=t.slice();const{node:a,key:l}=t[t.length-1];let
c;n.isStringLiteral(e)||n.isPlaceholder(e,{expectedNode:"StringLiteral"})?c="string":n.isNewExpression(a)&&"argu
ments"===l||n.isCallExpression(a)&&"arguments"===l||n.isFunction(a)&&"params"===l?c="param":n.isExpressio
nStatement(a)&&!n.isPlaceholder(e)?(c="statement",t=t.slice(0,-
1)):c=n.isStatement(e)&&n.isPlaceholder(e)?"statement":"other";const{placeholders:p,placeholderNames:u}=r.isLe
gacyRef.value?r.legacy:r.syntactic;p.push({name:s,type:c,resolve:e=>function(e,t){let r=e;for(let e=0;e<t.length-
1;e++){const{key:n,index:i}=t[e];r=void 0===i?r[n]:r[n][i]}const{key:n,index:i}=t[t.length-
1];return{parent:r,key:n,index:i}}(e,t),isDuplicate:u.has(s)),u.add(s)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){const
r=n.cloneNode(e.ast);t&&(e.placeholders.forEach(e=>{if(!Object.prototype.hasOwnProperty.call(t,e.name)){const
t=e.name;throw new Error(`Error: No substitution given for "${t}". If this is not meant to be a placeholder
you may want to consider passing one of the following options to @babel/template:\n      - { placeholderPattern:
false, placeholderWhitelist: new Set(["${t}"])})\n      - { placeholderPattern: /^${t}$/
})})),Object.keys(t).forEach(t=>{if(!e.placeholderNames.has(t))throw new Error(`Unknown substitution "${t}"
given`)}));return
e.placeholders.slice().reverse().forEach(e=>{try{!function(e,t,r){e.isDuplicate&&(Array.isArray(r)?r=r.map(e=>n.cl
oneNode(e)):"object"===typeof
r&&(r=n.cloneNode(r)));const{parent:i,key:s,index:a}=e.resolve(t);if("string"===e.type){if("string"===typeof
r&&(r=n.stringLiteral(r)),!r||!n.isStringLiteral(r))throw new Error("Expected string substitution")}else
if("statement"===e.type)void 0===a?r?Array.isArray(r)?r=n.blockStatement(r):"string"===typeof
r?r=n.expressionStatement(n.identifier(r)):n.isStatement(r)||r=n.expressionStatement(r):r=n.emptyStatement():r&&
!Array.isArray(r)&&("string"===typeof r&&(r=n.identifier(r)),n.isStatement(r)||r=n.expressionStatement(r));else
if("param"===e.type){if("string"===typeof r&&(r=n.identifier(r)),void 0===a)throw new Error("Assertion
failure.")}else if("string"===typeof r&&(r=n.identifier(r)),Array.isArray(r))throw new Error("Cannot replace single
expression with an array.");if(void 0===a)n.validate(i,s,r),i[s]=r;else{const
t=i[s].slice();"statement"===e.type||"param"===e.type?null==r?t.splice(a,1):Array.isArray(r)?t.splice(a,1,...r):t[a]=r;
t[a]=r,n.validate(i,s,t),i[s]=t}}(e,r,t&&t[e.name]||null)}catch(t){throw t.message=`@babel/template placeholder
"${e.name}": ${t.message}`,t}},r);var n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof
e&&"function"!==typeof e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(20));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e},function(e,t,r){var n,i,s;!function(a,o){"use strict";i=[r(374)],void
0===(s="function"===typeof(n=function(e){var t=/^(^|@)\$+:\d+/,r=/^\$*at
.*(\$+:\d+|(native))/m,n=/^(eval@)?(\[native code])?$/;return{parse:function(e){if(void 0!==(e.stacktrace||void
0!==(e["opera#sourceloc"]))return this.parseOpera(e);if(e.stack&&e.stack.match(r))return
this.parseV8OrIE(e);if(e.stack)return this.parseFFOrSafari(e);throw new Error("Cannot parse given Error
object")},extractLocation:function(e){if(-1===e.indexOf(":"))return[e];var
t=/(\.+)?(?:\(\d+\))??:\(\d+\)?$/$.exec(e.replace(/[/]/g,""));return[t[1],t[2]]||void 0,t[3]]||void
0}},parseV8OrIE:function(t){return
t.stack.split("\n").filter((function(e){return!e.match(r)}),this).map((function(t){t.indexOf("eval ")>-
1&&(t=t.replace(/eval code/g,"eval").replace(/(\(eval at [^()*)|(\.,*\$)/g,""));var r=t.replace(/^\$+/, "").replace(/(eval
code/g,""),n=r.match(/
\((.+):\(\d+):\(\d+)\)$/),i=(r=n?r.replace(n[0],""):r).split(/\$+/.slice(1),s=this.extractLocation(n?n[1]:i.pop()),a=i.join
(" ")||void 0,o=["eval","<anonymous>"].indexOf(s[0])>-1?void 0:s[0];return new

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e({ functionName:a,fileName:o,lineNumber:s[1],columnNumber:s[2],source:t})),this)},parseFFOrSafari:function(t)
{return t.stack.split("\n").filter((function(e){return!e.match(n)}),this).map((function(t){if(t.indexOf(" > eval")>-
1&&(t=t.replace(/ line \d+(?: > eval line \d+)* > eval:\d+:\d+\/g,":$1")), -1===t.indexOf("@")&&-
1===t.indexOf(":"))return new e({ functionName:t});var
r=/((.*).+[^@]*)?[^@]*?(?:@)/,n=t.match(r),i=n&&n[1]?n[1]:void 0,s=this.extractLocation(t.replace(r,""));return
new
e({ functionName:i,fileName:s[0],lineNumber:s[1],columnNumber:s[2],source:t})),this)},parseOpera:function(e){r
eturn!e.stacktrace||e.message.indexOf("\n")>-
1&&e.message.split("\n").length>e.stacktrace.split("\n").length?this.parseOpera9(e):e.stack?this.parseOpera11(e):th
is.parseOpera10(e)},parseOpera9:function(t){for(var r=/Line \d+.*script(?:in
)?(\S+)/i,n=t.message.split("\n"),i=[],s=2,a=n.length;s<a;s+=2){var o=r.exec(n[s]);o&&i.push(new
e({ fileName:o[2],lineNumber:o[1],source:n[s]}))}return i},parseOpera10:function(t){for(var r=/Line \d+.*script
(?:in)?(\S+)(?: In function (\S+))?\$/i,n=t.stacktrace.split("\n"),i=[],s=0,a=n.length;s<a;s+=2){var
o=r.exec(n[s]);o&&i.push(new e({ functionName:o[3]||void 0,fileName:o[2],lineNumber:o[1],source:n[s]}))}return
i},parseOpera11:function(r){return r.stack.split("\n").filter((function(e){return!e.match(t)&&!e.match(/^Error
created at/)}),this).map((function(t){var
r,n=t.split("@"),i=this.extractLocation(n.pop()),s=n.shift()||"",a=s.replace(/<anonymous function(:
(\w+)?>:,$2).replace(/^[^]*\)/g,"")||void 0;s.match(/^[^]*\)/)&&(r=s.replace(/^[^]+\(((^)*\)/,$1));var
o=void 0===r||"arguments not available"===r?void 0:r.split(",");return new
e({ functionName:a,args:o,fileName:i[0],lineNumber:i[1],columnNumber:i[2],source:t})),this)}))}?n.apply(t,i):n)(
e.exports=s)}(),function(e,t,r){ "use strict";function n(e){ var t=this;if(t instanceof n||(t=new
n),t.tail=null,t.head=null,t.length=0,e&&"function"===typeof e.forEach)e.forEach((function(e){ t.push(e)}));else
if(arguments.length>0)for(var r=0,i=arguments.length;r<i;r++)t.push(arguments[r]);return t}function i(e,t,r){ var
n=t===e.head?new o(r,null,t,e):new o(r,t,t.next,e);return
null===n.next&&(e.tail=n),null===n.prev&&(e.head=n),e.length++,n}function s(e,t){ e.tail=new
o(t,e.tail,null,e),e.head||(e.head=e.tail),e.length++}function a(e,t){ e.head=new
o(t,null,e.head,e),e.tail||(e.tail=e.head),e.length++}function o(e,t,r,n){ if(!(this instanceof o))return new
o(e,t,r,n);this.list=n,this.value=e,t?(t.next=this,this.prev=t):this.prev=null,r?(r.prev=this,this.next=r):this.next=null}e.
exports=n,n.Node=o,n.create=n,n.prototype.removeNode=function(e){ if(e.list!==this)throw new Error("removing
node which does not belong to this list");var t=e.next,r=e.prev;return
t&&(t.prev=r),r&&(r.next=t),e===this.head&&(this.head=t),e===this.tail&&(this.tail=r),e.list.length--
,e.next=null,e.prev=null,e.list=null,t},n.prototype.unshiftNode=function(e){ if(e!==this.head){ e.list&&e.list.remove
Node(e);var
t=this.head;e.list=this,e.next=t,t&&(t.prev=e),this.head=e,this.tail||(this.tail=e),this.length++},n.prototype.pushNod
e=function(e){ if(e!==this.tail){ e.list&&e.list.removeNode(e);var
t=this.tail;e.list=this,e.prev=t,t&&(t.next=e),this.tail=e,this.head||(this.head=e),this.length++},n.prototype.push=fun
ction(){ for(var e=0,t=arguments.length;e<t;e++)s(this,arguments[e]);return
this.length},n.prototype.unshift=function(){ for(var e=0,t=arguments.length;e<t;e++)a(this,arguments[e]);return
this.length},n.prototype.pop=function(){ if(this.tail){ var e=this.tail.value;return
this.tail=this.tail.prev,this.tail?this.tail.next=null:this.head=null,this.length--
,e},n.prototype.shift=function(){ if(this.head){ var e=this.head.value;return
this.head=this.head.next,this.head?this.head.prev=null:this.tail=null,this.length--
,e},n.prototype.forEach=function(e,t){ t=t||this;for(var
r=this.head,n=0,null!==(r=n++)e.call(t,r.value,n,this),r=r.next},n.prototype.forEachReverse=function(e,t){ t=t||this;for
(var r=this.tail,n=this.length-1,null!==(r=n--)e.call(t,r.value,n,this),r=r.prev},n.prototype.get=function(e){ for(var
t=0,r=this.head;null!==(r&&t<e;t++)r=r.next;if(t===e&&null!==(r))return
r.value},n.prototype.getReverse=function(e){ for(var
t=0,r=this.tail;null!==(r&&t<e;t++)r=r.prev;if(t===e&&null!==(r))return

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r.value},n.prototype.map=function(e,t){t=t||this;for(var r=new
n,i=this.head,null!==(i);r.push(e.call(t,i.value,this)),i=i.next;return
r},n.prototype.mapReverse=function(e,t){t=t||this;for(var r=new
n,i=this.tail,null!==(i);r.push(e.call(t,i.value,this)),i=i.prev;return r},n.prototype.reduce=function(e,t){var
r,n=this.head;if(arguments.length>1)r=t;else{if(!this.head)throw new TypeError("Reduce of empty list with no
initial value");n=this.head.next,r=this.head.value}for(var i=0,null!==(n;i++)r=e(r,n.value,i),n=n.next;return
r},n.prototype.reduceReverse=function(e,t){var r,n=this.tail;if(arguments.length>1)r=t;else{if(!this.tail)throw new
TypeError("Reduce of empty list with no initial value");n=this.tail.prev,r=this.tail.value}for(var i=this.length-
1,null!==(n;i--)r=e(r,n.value,i),n=n.prev;return r},n.prototype.toArray=function(){for(var e=new
Array(this.length),t=0,r=this.head,null!==(r;t++)e[t]=r.value,r=r.next;return
e},n.prototype.toArrayReverse=function(){for(var e=new
Array(this.length),t=0,r=this.tail,null!==(r;t++)e[t]=r.value,r=r.prev;return
e},n.prototype.slice=function(e,t){(t=t||this.length)<0&&(t+=this.length),(e=e||0)<0&&(e+=this.length);var r=new
n;if(t<e||t<0)return r;e<0&&(e=0),t>this.length&&(t=this.length);for(var
i=0,s=this.head,null!==(s&&i<e;i++)s=s.next;for(;null!==(s&&i<t;i++)s=s.next)r.push(s.value);return
r},n.prototype.sliceReverse=function(e,t){(t=t||this.length)<0&&(t+=this.length),(e=e||0)<0&&(e+=this.length);var
r=new n;if(t<e||t<0)return r;e<0&&(e=0),t>this.length&&(t=this.length);for(var
i=this.length,s=this.tail,null!==(s&&i>t;i--)s=s.prev;for(;null!==(s&&i>e;i--)s=s.prev)r.push(s.value);return
r},n.prototype.splice=function(e,t){e>this.length&&(e=this.length-1),e<0&&(e=this.length+e);for(var
r=0,n=this.head,null!==(n&&r<e;r++)n=n.next;var
s=[];for(r=0;n&&r<t;r++)s.push(n.value),n=this.removeNode(n);null!==(n&&(n=this.tail),n!==(this.head&&n!==(this
s.tail&&(n=n.prev));for(r=2;r<arguments.length;r++)n=i(this,n,arguments[r]);return
s},n.prototype.reverse=function(){for(var e=this.head,t=this.tail,r=e,null!==(r;r=r.prev){var
n=r.prev;r.prev=r.next,r.next=n}return this.head=t,this.tail=e,this};try{r(131)(n)}catch(e){},function(e,t,r){"use
strict";e.exports=function(e){e.prototype[Symbol.iterator]=function*(){for(let e=this.head;e=e.next)yield
e.value}}},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;var
n,i=(n=r(8))&&n.__esModule?n:{default:n},s=function(e){if(e&&e.__esModule)return
e;if(null===e||"object"!=typeof e&&"function"!=typeof e)return{default:e};var t=a();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,
&&t.set(e,r);return r}(r(0));function a(){if("function"!=typeof WeakMap)return null;var e=new WeakMap;return
a=function(){return
e,e}.t.default=class{constructor(e,t,r,n){this.queue=null,this.parentPath=n,this.scope=e,this.state=r,this.opts=t}shou
ldVisit(e){const t=this.opts;if(t.enter||t.exit)return!0;if(t[e.type])return!0;const
r=s.VISITOR_KEYS[e.type];if(!(null==r?void 0:r.length))return!1;for(const t of
r)if(e[t])return!0;return!1}create(e,t,r,n){return
i.default.get({parentPath:this.parentPath,parent:e,container:t,key:r,listKey:n})}maybeQueue(e,t){if(this.trap)throw
new Error("Infinite cycle
detected");this.queue&&(t?this.queue.push(e):this.priorityQueue.push(e))}visitMultiple(e,t,r){if(0===e.length)retur
n!1;const n=[];for(let i=0;i<e.length;i++){const s=e[i];s&&this.shouldVisit(s)&&n.push(this.create(t,e,i,r))}return
this.visitQueue(n)}visitSingle(e,t){return!!this.shouldVisit(e[t])&&this.visitQueue([this.create(e,e,t)])}visitQueue(e)
{this.queue=e,this.priorityQueue=[];const t=[];let r=!1;for(const n of
e)if(n.resync(),0!==(n.contexts.length&&n.contexts[n.contexts.length-
1])===this||n.pushContext(this),null!==(n.key&&(t.indexOf(n.node)>=0))){if(t.push(n.node),n.visit()){r=!0;break}if(t
his.priorityQueue.length&&(r=this.visitQueue(this.priorityQueue),this.priorityQueue=[],this.queue=e,r))break}for(c
onst t of e)t.popContext();return this.queue=null,r}visit(e,t){const
r=e[t];return!!r&&(Array.isArray(r)?this.visitMultiple(r,e,t):this.visitSingle(e,t))}}},function(e,t,r){"use strict";var

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n;Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;var
i=(0,((n=r(64))&&n.__esModule?n:{default:n}).default)("React.Component");t.default=i},function(e,t,r){
"strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return!!e&&/^[a-
z]/.test(e)},function(e,t,r){
"strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){const t=[];for(let
r=0;r<e.children.length;r++){let
n=e.children[r];(0,i.isJSXText)(n)?(0,s.default)(n,t):((0,i.isJSXExpressionContainer)(n)&&(n=n.expression),(0,i.isJS
XEmptyExpression)(n)|t.push(n))return t};var
n,i=r(2),s=(n=r(136))&&n.__esModule?n:{default:n}},function(e,t,r){
"strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){const r=e.value.split(/
\n|\\n|\\r/);let
i=0;for(let e=0;e<r.length;e++)r[e].match(/^[^\\t/]&&(i=e);let s="";for(let e=0;e<r.length;e++){const
t=r[e],n=0===e,a=e===r.length-1,o=e===i;let l=t.replace(/\\t/g," ");n||(l=l.replace(/^[ ]+/, ""),a||l=l.replace(/
]+$/, "")),l&&(o||l+= " ")s&&t.push((0,n.stringLiteral)(s));var n=r(4)},function(e,t,r){
"strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,...t){const
r=i.BUILDER_KEYS[e],a=t.length;if(a>r.length)throw new Error(`$ {e}: Too many arguments passed. Received
$ {a} but can receive no more than $ {r.length}`);const o={type:e};let l=0;r.forEach(r=>{const
s=i.NODE_FIELDS[e][r];let c;l<a&&(c=t[l]),void 0===c&&(c=(0,n.default)(s.default)),o[r]=c,l++});for(const e of
Object.keys(o))(0,s.default)(o,e,o[e]);return o};var n=a(r(138)),i=r(5),s=a(r(52));function a(e){return
e&&e.__esModule?e:{default:e}},function(e,t,r){var n=r(139);e.exports=function(e){return
n(e,4)},function(e,t,r){var
n=r(140),i=r(170),s=r(70),a=r(172),o=r(182),l=r(185),c=r(186),p=r(187),u=r(189),d=r(190),h=r(191),f=r(48),m=r(1
96),y=r(197),T=r(203),b=r(43),g=r(73),S=r(205),x=r(22),E=r(207),P=r(42),v=r(45),A={};A["object
Arguments"]=A["object Array"]=A["object ArrayBuffer"]=A["object DataView"]=A["object
Boolean"]=A["object Date"]=A["object Float32Array"]=A["object Float64Array"]=A["object
Int8Array"]=A["object Int16Array"]=A["object Int32Array"]=A["object Map"]=A["object
Number"]=A["object Object"]=A["object RegExp"]=A["object Set"]=A["object String"]=A["object
Symbol"]=A["object Uint8Array"]=A["object Uint8ClampedArray"]=A["object Uint16Array"]=A["object
Uint32Array"]=!0,A["object Error"]=A["object Function"]=A["object WeakMap"]=!1,e.exports=function
e(t,r,w,O,I,C){var N,k=1&r,D=2&r,_=4&r;if(w&&(N=I?w(t,O,I,C):w(t)),void 0!==(N))return N;if(!x(t))return t;var
L=b(t);if(L){if(N=m(t,!k))return c(t,N)}else{var M=f(t),j="object Function"==M||"object
GeneratorFunction"==M;if(g(t))return l(t,k);if("object Object"==M||"object
Arguments"==M||j&&!I){if(N=D||j){?:T(t,!k))return D?u(t,o(N,t)):p(t,a(N,t))}else{if(!A[M])return
I?t:{};N=y(t,M,k)}C||(C=new n);var F=C.get(t);if(F)return
F;C.set(t,N),E(t)?t.forEach((function(n){N.add(e(n,r,w,n,t,C))})):S(t)&&t.forEach((function(n,i){N.set(i,e(n,r,w,i,t,
C))}));var R=L?void 0:(?D?h:d:D?v:P)(t);return
i(R||t,(function(n,i){R&&(n=t[i=n]),s(N,i,e(n,r,w,i,t,C))})),N}},function(e,t,r){var
n=r(26),i=r(146),s=r(147),a=r(148),o=r(149),l=r(150);function c(e){var t=this.__data__=new
n(e);this.size=t.size}c.prototype.clear=i,c.prototype.delete=s,c.prototype.get=a,c.prototype.has=o,c.prototype.set=l,e
.exports=c},function(e,t){e.exports=function(){this.__data__=[],this.size=0}},function(e,t,r){var
n=r(27),i=Array.prototype.splice;e.exports=function(e){var t=this.__data__,r=n(t,e);return!(r<0)&&(r==t.length-
1?t.pop():i.call(t,r,1),--this.size,!0)},function(e,t,r){var n=r(27);e.exports=function(e){var
t=this.__data__,r=n(t,e);return r<0?void 0:t[r][1]},function(e,t,r){var n=r(27);e.exports=function(e){return
n(this.__data__,e)>-1}},function(e,t,r){var n=r(27);e.exports=function(e,t){var r=this.__data__,i=n(r,e);return
i<0?(++this.size,r.push([e,t]):r[i][1]=t,this)},function(e,t,r){var n=r(26);e.exports=function(){this.__data__=new
n,this.size=0}},function(e,t){e.exports=function(e){var t=this.__data__,r=t.delete(e);return
this.size=t.size,r}},function(e,t){e.exports=function(e){return
this.__data__.get(e)},function(e,t){e.exports=function(e){return
this.__data__.has(e)},function(e,t,r){var
n=r(26),i=r(40),s=r(157);e.exports=function(e,t){var r=this.__data__;if(r instanceof n){var

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a=r.__data__;if(!i||a.length<199)return a.push([e,t]),this.size+=+r.size,this;r=this.__data__=new s(a)}return
r.set(e,t),this.size=r.size,this}},function(e,t,r){var n=r(67),i=r(154),s=r(22),a=r(69),o=/^\[object
.+?Constructor\]$/,l=Function.prototype,c=Object.prototype,p=l.toString,u=c.hasOwnProperty,d=RegExp("^(?=[p.cal
l(u).replace(/[\^$. *+?(){}|]/g,"\\$&").replace(/hasOwnProperty|(function).*?(?=\\\()| for
.+?(?=\\])/g,"$1.*?")+"$");e.exports=function(e){return!(!s(e)||i(e))&&(n(e)?d:o).test(a(e))}},function(e,t,r){var
n=r(41),i=Object.prototype,s=i.hasOwnProperty,a=i.toString,o=n?n.toStringTag:void 0;e.exports=function(e){var
t=s.call(e,o),r=e[o];try{e[o]=void 0;var n=!0}catch(e){}var i=a.call(e);return n&&(t?e[o]=r:delete
e[o]),i}},function(e,t){var r=Object.prototype.toString;e.exports=function(e){return r.call(e)},function(e,t,r){var
n,i=r(155),s=(n=/^[^.$].exec(i&&i.keys&&i.keys.IE_PROTO||""))?"Symbol(src)_1."+n:"";e.exports=function(e){r
eturn!!s&&s in e}},function(e,t,r){var n=r(7)["_core-
js_shared_"];e.exports=n},function(e,t){e.exports=function(e,t){return null===e?void 0:e[t]},function(e,t,r){var
n=r(158),i=r(165),s=r(167),a=r(168),o=r(169);function l(e){var t=-
1,r=null===e?0:e.length;for(this.clear();++t<r;){var
n=e[t];this.set(n[0],n[1])}l.prototype.clear=n,l.prototype.delete=i,l.prototype.get=s,l.prototype.has=a,l.prototype.set
=o,e.exports=l},function(e,t,r){var
n=r(159),i=r(26),s=r(40);e.exports=function(){this.size=0,this.__data__={hash:new n,map:new(s||i),string:new
n}},function(e,t,r){var n=r(160),i=r(161),s=r(162),a=r(163),o=r(164);function l(e){var t=-
1,r=null===e?0:e.length;for(this.clear();++t<r;){var
n=e[t];this.set(n[0],n[1])}l.prototype.clear=n,l.prototype.delete=i,l.prototype.get=s,l.prototype.has=a,l.prototype.set
=o,e.exports=l},function(e,t,r){var
n=r(28);e.exports=function(){this.__data__=n?n(null):{ },this.size=0}},function(e,t){e.exports=function(e){var
t=this.has(e)&&delete this.__data__[e];return this.size-=t?1:0,t}},function(e,t,r){var
n=r(28),i=Object.prototype.hasOwnProperty;e.exports=function(e){var t=this.__data__;if(n){var
r=t[e];return"__lodash_hash_undefined__"===r?void 0:r}return i.call(t,e)?t[e]:void 0}},function(e,t,r){var
n=r(28),i=Object.prototype.hasOwnProperty;e.exports=function(e){var t=this.__data__;return n?void
0!==t[e]:i.call(t,e)},function(e,t,r){var n=r(28);e.exports=function(e,t){var r=this.__data__;return
this.size+=this.has(e)?0:1,r[e]=n&&void 0===t?"__lodash_hash_undefined__":t,this}},function(e,t,r){var
n=r(29);e.exports=function(e){var t=n(this,e).delete(e);return this.size-
=t?1:0,t}},function(e,t){e.exports=function(e){var t=typeof
e;return"string"===t||"number"===t||"symbol"===t||"boolean"===t?"__proto__"!==e:null===e}},function(e,t,r){var
n=r(29);e.exports=function(e){return n(this,e).get(e)},function(e,t,r){var n=r(29);e.exports=function(e){return
n(this,e).has(e)},function(e,t,r){var n=r(29);e.exports=function(e,t){var r=n(this,e),i=r.size;return
r.set(e,t),this.size+=r.size===i?0:1,this}},function(e,t){e.exports=function(e,t){for(var r=-
1,n=null===e?0:e.length;++r<n&&!1!==t(e[r],r,e));return e}},function(e,t,r){var n=r(11),i=function(){try{var
e=n(Object,"defineProperty");return e({ }, "", { }),e}catch(e){}();e.exports=i},function(e,t,r){var
n=r(30),i=r(42);e.exports=function(e,t){return e&&n(t,i(t),e)},function(e,t){e.exports=function(e,t){for(var r=-
1,n=Array(e);++r<e;)n[r]=t(r);return n}},function(e,t,r){var
n=r(175),i=r(12),s=Object.prototype,a=s.hasOwnProperty,o=s.propertyIsEnumerable,l=n(function(){return
arguments})();n=function(e){return i(e)&&a.call(e,"callee")&&!o.call(e,"callee")};e.exports=l},function(e,t,r){var
n=r(18),i=r(12);e.exports=function(e){return i(e)&&"[object
Arguments]"===n(e)},function(e,t){e.exports=function(){return!1}},function(e,t){var r=/^(?:0|[1-
9])d*$)/;e.exports=function(e,t){var n=typeof
e;return!(t=null===t?9007199254740991:t)&&("number"===n||"symbol"!==n&&r.test(e))&&e>-
1&&e%1===0&&e<t}},function(e,t,r){var
n=r(179),i=r(32),s=r(33),a=s&&s.isTypedArray,o=a?i(a):n;e.exports=o},function(e,t,r){var
n=r(18),i=r(74),s=r(12),a={};a["[object Float32Array]"]=a["[object Float64Array]"]=a["[object
Int8Array]"]=a["[object Int16Array]"]=a["[object Int32Array]"]=a["[object Uint8Array]"]=a["[object
Uint8ClampedArray]"]=a["[object Uint16Array]"]=a["[object Uint32Array]"]=!0,a["[object

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Arguments"]=a["[object Array]"]=a["[object ArrayBuffer]"]=a["[object Boolean]"]=a["[object
DataView]"]=a["[object Date]"]=a["[object Error]"]=a["[object Function]"]=a["[object Map]"]=a["[object
Number]"]=a["[object Object]"]=a["[object RegExp]"]=a["[object Set]"]=a["[object String]"]=a["[object
WeakMap]"]=!1,e.exports=function(e){return s(e)&&!(e.length)&&!!a[n(e)]},function(e,t,r){var
n=r(44),i=r(181),s=Object.prototype.hasOwnProperty,e.exports=function(e){if(!n(e))return i(e);var t=[];for(var r in
Object(e))s.call(e,r)&&"constructor"!=r&&t.push(r);return t}},function(e,t,r){var
n=r(75)(Object.keys,Object);e.exports=n},function(e,t,r){var n=r(30),i=r(45);e.exports=function(e,t){return
e&&n(t,i(t),e)},function(e,t,r){var
n=r(22),i=r(44),s=r(184),a=Object.prototype.hasOwnProperty,e.exports=function(e){if(!n(e))return s(e);var
t=i(e),r=[];for(var o in e)("constructor"!=o||t&&a.call(e,o))&&r.push(o);return
r}},function(e,t){e.exports=function(e){var t=[];if(null!=e)for(var r in Object(e))t.push(r);return
t}},function(e,t,r){(function(e){var n=r(7),i=t&&!t.nodeType&&t.s=i&&"object"===typeof
e&&e&&!e.nodeType&&e.a=s&&s.exports===i?n.Buffer:void 0,o=a?a.allocUnsafe:void
0;e.exports=function(e,t){if(t)return e.slice();var r=e.length,n=o?o(r):new e.constructor(r);return
e.copy(n,n)}.call(this,r(31)(e)),function(e,t){e.exports=function(e,t){var r=-
1,n=e.length;for(t||(t=Array(n));++r<n;)t[r]=e[r];return t}},function(e,t,r){var
n=r(30),i=r(46);e.exports=function(e,t){return n(e,i(e),t)},function(e,t){e.exports=function(e,t){for(var r=-
1,n=null==e?0:e.length,i=0,s=[];++r<n;){var a=e[r];t(a,r,e)&&(s[i++]=a)}return s}},function(e,t,r){var
n=r(30),i=r(78);e.exports=function(e,t){return n(e,i(e),t)},function(e,t,r){var
n=r(80),i=r(46),s=r(42);e.exports=function(e){return n(e,s,i)},function(e,t,r){var
n=r(80),i=r(78),s=r(45);e.exports=function(e){return n(e,s,i)},function(e,t,r){var
n=r(11)(r(7),"DataView");e.exports=n},function(e,t,r){var n=r(11)(r(7),"Promise");e.exports=n},function(e,t,r){var
n=r(11)(r(7),"Set");e.exports=n},function(e,t,r){var n=r(11)(r(7),"WeakMap");e.exports=n},function(e,t){var
r=Object.prototype.hasOwnProperty,e.exports=function(e){var t=e.length,n=new e.constructor(t);return
t&&"string"===typeof e[0]&&r.call(e,"index")&&(n.index=e.index,n.input=e.input),n}},function(e,t,r){var
n=r(49),i=r(199),s=r(200),a=r(201),o=r(202);e.exports=function(e,t,r){var l=e.constructor;switch(t){case"[object
ArrayBuffer]":return n(e);case"[object Boolean]":case"[object Date]":return new l(+e);case"[object
DataView]":return i(e,r);case"[object Float32Array]":case"[object Float64Array]":case"[object
Int8Array]":case"[object Int16Array]":case"[object Int32Array]":case"[object Uint8Array]":case"[object
Uint8ClampedArray]":case"[object Uint16Array]":case"[object Uint32Array]":return o(e,r);case"[object
Map]":return new l;case"[object Number]":case"[object String]":return new l(e);case"[object RegExp]":return
s(e);case"[object Set]":return new l;case"[object Symbol]":return a(e)}}},function(e,t,r){var
n=r(7).Uint8Array;e.exports=n},function(e,t,r){var n=r(49);e.exports=function(e,t){var
r=t?n(e.buffer):e.buffer;return new e.constructor(r,e.byteOffset,e.length)},function(e,t){var
r=/\w*$/;e.exports=function(e){var t=new e.constructor(e.source,r.exec(e));return
t.lastIndex=e.lastIndex,t}},function(e,t,r){var n=r(41),i=n?n.prototype:void 0,s=i?i.valueOf:void
0;e.exports=function(e){return s?Object(s.call(e)):{}},function(e,t,r){var n=r(49);e.exports=function(e,t){var
r=t?n(e.buffer):e.buffer;return new e.constructor(r,e.byteOffset,e.length)},function(e,t,r){var
n=r(204),i=r(47),s=r(44);e.exports=function(e){return"function"!==typeof
e.constructor||s(e)?{ :n(i(e))}},function(e,t,r){var n=r(22),i=Object.create,s=function(){function e(){return
function(t){if(!n(t))return{};if(i)return i(t);e.prototype=t;var r=new e;return e.prototype=void
0,r}}();e.exports=s},function(e,t,r){var
n=r(206),i=r(32),s=r(33),a=s&&s.isMap,o=a?i(a):n;e.exports=o},function(e,t,r){var
n=r(48),i=r(12);e.exports=function(e){return i(e)&&"[object Map]"===n(e)},function(e,t,r){var
n=r(208),i=r(32),s=r(33),a=s&&s.isSet,o=a?i(a):n;e.exports=o},function(e,t,r){var
n=r(48),i=r(12);e.exports=function(e){return i(e)&&"[object Set]"===n(e)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.isIdentifierStart=p,t.isIdentifierChar=u,t.isIdentifierNam
e=function(e){let t=!0;for(let r=0;r<e.length;r++){let

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n=e.charCodeAtAt(r);if(55296==(64512&n)&&r+1<e.length){const
t=e.charCodeAtAt(++r);56320==(64512&t)&&(n=65536+((1023&n)<<10)+(1023&t))}if(t){if(t=1,!p(n))return!1}else
e if(!u(n))return!1 }return!t};let n="µ°À-ÖØ-öø-^-----
-----
-----",i="-----";const s=new RegExp("[+n+]"),a=new
RegExp("[+n+i+]");n=i=null;const
o=[0,11,2,25,2,18,2,1,2,14,3,13,35,122,70,52,268,28,4,48,48,31,14,29,6,37,11,29,3,35,5,7,2,4,43,157,19,35,5,35,5,3
9,9,51,157,310,10,21,11,7,153,5,3,0,2,43,2,1,4,0,3,22,11,22,10,30,66,18,2,1,11,21,11,25,71,55,7,1,65,0,16,3,2,2,2,2
8,43,28,4,28,36,7,2,27,28,53,11,21,11,18,14,17,111,72,56,50,14,50,14,35,349,41,7,1,79,28,11,0,9,21,107,20,28,22,1
3,52,76,44,33,24,27,35,30,0,3,0,9,34,4,0,13,47,15,3,22,0,2,0,36,17,2,24,85,6,2,0,2,3,2,14,2,9,8,46,39,7,3,1,3,21,2,6,
2,1,2,4,4,0,19,0,13,4,159,52,19,3,21,2,31,47,21,1,2,0,185,46,42,3,37,47,21,0,60,42,14,0,72,26,230,43,117,63,32,7,3,
0,3,7,2,1,2,23,16,0,2,0,95,7,3,38,17,0,2,0,29,0,11,39,8,0,22,0,12,45,20,0,35,56,264,8,2,36,18,0,50,29,113,6,2,1,2,37,
22,0,26,5,2,1,2,31,15,0,328,18,190,0,80,921,103,110,18,195,2749,1070,4050,582,8634,568,8,30,114,29,19,47,17,3,
32,20,6,18,689,63,129,74,6,0,67,12,65,1,2,0,29,6135,9,1237,43,8,8952,286,50,2,18,3,9,395,2309,106,6,12,4,8,8,9,5
991,84,2,70,2,1,3,0,3,1,3,3,2,11,2,0,2,6,2,64,2,3,3,7,2,6,2,27,2,3,2,4,2,0,4,6,2,339,3,24,2,24,2,30,2,24,2,30,2,24,2,30
,2,24,2,30,2,24,2,7,2357,44,11,6,17,0,370,43,1301,196,60,67,8,0,1205,3,2,26,2,1,2,0,3,0,2,9,2,3,2,0,2,0,7,0,5,0,2,0,2
,0,2,2,2,1,2,0,3,0,2,0,2,0,2,0,2,1,2,0,3,3,2,6,2,3,2,3,2,0,2,9,2,16,6,2,2,4,2,16,4421,42717,35,4148,12,221,3,5761,
15,7472,3104,541,1507,4938],l=[509,0,227,0,150,4,294,9,1368,2,2,1,6,3,41,2,5,0,166,1,574,3,9,9,370,1,154,10,176,
2,54,14,32,9,16,3,46,10,54,9,7,2,37,13,2,9,6,1,45,0,13,2,49,13,9,3,2,11,83,11,7,0,161,11,6,9,7,3,56,1,2,6,3,1,3,2,10,
0,11,1,3,6,4,4,193,17,10,9,5,0,82,19,13,9,214,6,3,8,28,1,83,16,16,9,82,12,9,9,84,14,5,9,243,14,166,9,71,5,2,1,3,3,2,
0,2,1,13,9,120,6,3,6,4,0,29,9,41,6,2,3,9,0,10,10,47,15,406,7,2,7,17,9,57,21,2,13,123,5,4,0,2,1,2,6,2,0,9,9,49,4,2,1,2,
4,9,9,330,3,19306,9,135,4,60,6,26,9,1014,0,2,54,8,3,82,0,12,1,19628,1,5319,4,4,5,9,7,3,6,31,3,149,2,1418,49,513,5
4,5,49,9,0,15,0,23,4,2,14,1361,6,2,16,3,6,2,1,2,4,262,6,10,9,419,13,1495,6,110,6,6,9,4759,9,787719,239];function
c(e,t){let r=65536;for(let
n=0,i=t.length;n<i;n+=2){if(r+=t[n],r>e)return!1;if(r+=t[n+1],r>=e)return!0}return!1}function p(e){return
e<65?36===e:e<=90||(e<97?95===e:e<=122||(e<=65535?e>=170&&s.test(String.fromCharCode(e)):c(e,o)))}functi
on u(e){return
e<48?36===e:e<58!|(e<65)&&(e<=90||(e<97?95===e:e<=122||(e<=65535?e>=170&&a.test(String.fromCharCode(
e)):c(e,o)||c(e,l))))},function(e,t,r){ "use
strict";Object.defineProperty(t, "__esModule", { value: !0 }); t.isReservedWord = l, t.isStrictReservedWord = c, t.isStrictBi
ndOnlyReservedWord = p, t.isStrictBindReservedWord = function(e, t) { return
c(e, t) || p(e) }, t.isKeyword = function(e) { return s.has(e) }; const
n = ["implements", "interface", "let", "package", "private", "protected", "public", "static", "yield"], i = ["eval", "arguments"], s
= new
Set(["break", "case", "catch", "continue", "debugger", "default", "do", "else", "finally", "for", "function", "if", "return", "swit
ch", "throw", "try", "var", "const", "while", "with", "new", "this", "super", "class", "extends", "export", "import", "null", "true"
, "false", "in", "instanceof", "typeof", "void", "delete"]), a = new Set(n), o = new Set(i); function l(e, t) { return
t && "await" === e || "enum" === e } function c(e, t) { return l(e, t) || a.has(e) } function p(e) { return
o.has(e) }, function(e, t, r) { "use strict"; var n = function(e) { if (e && e.__esModule) return e; if (null === e || "object" !== typeof
e && "function" !== typeof e) return { default: e }; var t = i(); if (t && t.has(e)) return t.get(e); var
r = { }, n = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var s in
e) if (Object.prototype.hasOwnProperty.call(e, s)) { var
a = n ? Object.getOwnPropertyDescriptor(e, s) : null; a && (a.get || a.set) ? Object.defineProperty(r, s, a) : r[s] = e[s] } r.default = e
, t && t.set(e, r); return r } (r(9)); function i() { if ("function" !== typeof WeakMap) return null; var e = new WeakMap; return
i = function() { return e }, e } const
s = (e, t = "TypeParameterDeclaration") => { (0, n.default)(e, { builder: ["id", "typeParameters", "extends", "body"], visitor: ["i
d", "typeParameters", "extends", "mixins", "implements", "body"], aliases: ["Flow", "FlowDeclaration", "Statement", "Dec

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laration"],fields: {id:(0,n.validateType)("Identifier"),typeParameters:(0,n.validateOptionalType)(t),extends:(0,n.validateOptional)((0,n.arrayOfType)("InterfaceExtends")),mixins:(0,n.validateOptional)((0,n.arrayOfType)("InterfaceExtends")),implements:(0,n.validateOptional)((0,n.arrayOfType)("ClassImplements")),body:(0,n.validateType)("ObjectTypeAnnotation")});(0,n.default)("AnyTypeAnnotation",{aliases:["Flow","FlowType","FlowBaseAnnotation"]}), (0,n.default)("ArrayTypeAnnotation",{visitor:["elementType"],aliases:["Flow","FlowType"],fields: {elementType:(0,n.validateType)("FlowType")}}),(0,n.default)("BooleanTypeAnnotation",{aliases:["Flow","FlowType","FlowBaseAnnotation"]}), (0,n.default)("BooleanLiteralTypeAnnotation",{builder:["value"],aliases:["Flow","FlowType"],fields: {value:(0,n.validate)((0,n.assertValueType)("boolean"))}}),(0,n.default)("NullLiteralTypeAnnotation",{aliases:["Flow","FlowType","FlowBaseAnnotation"]}), (0,n.default)("ClassImplements",{visitor:["id","typeParameters"],aliases:["Flow"],fields: {id:(0,n.validateType)("Identifier"),typeParameters:(0,n.validateOptionalType)("TypeParameterInstantiation")}}),s("DeclareClass"),(0,n.default)("DeclareFunction",{visitor:["id"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields: {id:(0,n.validateType)("Identifier"),predicate:(0,n.validateOptionalType)("DeclaredPredicate")}}),s("DeclareInterface"),(0,n.default)("DeclareModule",{builder:["id","body","kind"],visitor:["id","body"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields: {id:(0,n.validateType)("Identifier","StringLiteral"),body:(0,n.validateType)("BlockStatement"),kind:(0,n.validateOptional)((0,n.assertOneOf)("CommonJS","ES"))}}),(0,n.default)("DeclareModuleExports",{visitor:["typeAnnotation"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields: {typeAnnotation:(0,n.validateType)("TypeAnnotation")}}),(0,n.default)("DeclareTypeAlias",{visitor:["id","typeParameters","right"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields: {id:(0,n.validateType)("Identifier"),typeParameters:(0,n.validateOptionalType)("TypeParameterDeclaration"),right:(0,n.validateType)("FlowType")}}),(0,n.default)("DeclareOpaqueType",{visitor:["id","typeParameters","supertype"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields: {id:(0,n.validateType)("Identifier"),typeParameters:(0,n.validateOptionalType)("TypeParameterDeclaration"),supertype:(0,n.validateOptionalType)("FlowType")}}),(0,n.default)("DeclareVariable",{visitor:["id"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields: {id:(0,n.validateType)("Identifier")}}),(0,n.default)("DeclareExportDeclaration",{visitor:["declaration","specifiers","source"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields: {declaration:(0,n.validateOptionalType)("Flow"),specifiers:(0,n.validateOptional)((0,n.arrayOfType)("ExportSpecifier","ExportNamespaceSpecifier"))},source:(0,n.validateOptionalType)("StringLiteral"),default:(0,n.validateOptional)((0,n.assertValueType)("boolean"))}}),(0,n.default)("DeclareExportAllDeclaration",{visitor:["source"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields: {source:(0,n.validateType)("StringLiteral"),exportKind:(0,n.validateOptional)((0,n.assertOneOf)("type","value"))}}),(0,n.default)("DeclaredPredicate",{visitor:["value"],aliases:["Flow","FlowPredicate"],fields: {value:(0,n.validateType)("Flow")}}),(0,n.default)("ExistsTypeAnnotation",{aliases:["Flow","FlowType"]}), (0,n.default)("FunctionTypeAnnotation",{visitor:["typeParameters","params","rest","returnType"],aliases:["Flow","FlowType"],fields: {typeParameters:(0,n.validateOptionalType)("TypeParameterDeclaration"),params:(0,n.validate)((0,n.arrayOfType)("FunctionTypeParam")),rest:(0,n.validateOptionalType)("FunctionTypeParam"),returnType:(0,n.validateType)("FlowType")}}),(0,n.default)("FunctionTypeParam",{visitor:["name","typeAnnotation"],aliases:["Flow"],fields: {name:(0,n.validateOptionalType)("Identifier"),typeAnnotation:(0,n.validateType)("FlowType"),optional:(0,n.validateOptional)((0,n.assertValueType)("boolean"))}}),(0,n.default)("GenericTypeAnnotation",{visitor:["id","typeParameters"],aliases:["Flow","FlowType"],fields: {id:(0,n.validateType)("Identifier","QualifiedTypeIdentifier"),typeParameters:(0,n.validateOptionalType)("TypeParameterInstantiation")}}),(0,n.default)("InferredPredicate",{aliases:["Flow","FlowPredicate"]}), (0,n.default)("InterfaceExtends",{visitor:["id","typeParameters"],aliases:["Flow"],fields: {id:(0,n.validateType)("Identifier","QualifiedTypeIdentifier"),typeParameters:(0,n.validateOptionalType)("TypeParameterInstantiation")}}),s("InterfaceDeclaration"),(0,n.default)("InterfaceTypeAnnotation",{visitor:["extends","body"],aliases:["Flow","FlowType"],fields: {extends:(0,n.validateOptional)((0,n.arrayOfType)("InterfaceExtends")),body:(0,n.validateType)("ObjectTypeAnnotation")}}),(0,n.default)("IntersectionTypeAnnotation",{visitor:["types"],aliases:["Flow","FlowType"],fields: {types:(0,n.validate)((0,n.arrayOfType)("FlowType"))}}),(0,n.default)("MixedTypeAnnotation",{aliases:["Flow","FlowType","FlowBaseAnnotation"]}), (0,n.default)("EmptyTypeAnnotation",{aliases:["Flow","FlowType","FlowBaseAnnotation"]}), (0,n.default)("NullableTypeAnnotation",{visitor:["typeAnnotation"],aliases:["Flow","FlowType"],fields: {typeAnnotation:(0,n.validateType)("FlowType")}}),(0,n.default)("Numb

erLiteralTypeAnnotation", {builder: ["value"], aliases: ["Flow", "FlowType"], fields: { value: (0, n.validate)((0, n.assertValueType)("number")) } }}, (0, n.default)("NumberTypeAnnotation", {aliases: ["Flow", "FlowType", "FlowBaseAnnotation"]}), (0, n.default)("ObjectTypeAnnotation", {visitor: ["properties", "indexers", "callProperties", "internalSlots"], aliases: ["Flow", "FlowType"], builder: ["properties", "indexers", "callProperties", "internalSlots", "exact"], fields: {properties: (0, n.validate)((0, n.arrayOfType)("ObjectTypeProperty", "ObjectTypeSpreadProperty")), indexers: (0, n.validateOptional)((0, n.arrayOfType)("ObjectTypeIndexer")), callProperties: (0, n.validateOptional)((0, n.arrayOfType)("ObjectTypeCallProperty")), internalSlots: (0, n.validateOptional)((0, n.arrayOfType)("ObjectTypeInternalSlot")), exact: { validate: (0, n.assertValueType)("boolean"), default: !1 }, inexact: (0, n.validateOptional)((0, n.assertValueType)("boolean")) } }}, (0, n.default)("ObjectTypeInternalSlot", {visitor: ["id", "value", "optional", "static", "method"], aliases: ["Flow", "UserWhitespacable"], fields: {id: (0, n.validateType)("Identifier"), value: (0, n.validateType)("FlowType"), optional: (0, n.validate)((0, n.assertValueType)("boolean")), static: (0, n.validate)((0, n.assertValueType)("boolean")), method: (0, n.validate)((0, n.assertValueType)("boolean")) } }}, (0, n.default)("ObjectTypeCallProperty", {visitor: ["value"], aliases: ["Flow", "UserWhitespacable"], fields: {value: (0, n.validateType)("FlowType"), static: (0, n.validate)((0, n.assertValueType)("boolean")) } }}, (0, n.default)("ObjectTypeIndexer", {visitor: ["id", "key", "value", "variance"], aliases: ["Flow", "UserWhitespacable"], fields: {id: (0, n.validateOptionalType)("Identifier"), key: (0, n.validateType)("FlowType"), value: (0, n.validateType)("FlowType"), static: (0, n.validate)((0, n.assertValueType)("boolean")), variance: (0, n.validateOptionalType)("Variance") } }}, (0, n.default)("ObjectTypeProperty", {visitor: ["key", "value", "variance"], aliases: ["Flow", "UserWhitespacable"], fields: {key: (0, n.validateType)("Identifier", "StringLiteral"), value: (0, n.validateType)("FlowType"), kind: (0, n.validate)((0, n.assertOneOf)("init", "get", "set")), static: (0, n.validate)((0, n.assertValueType)("boolean")), proto: (0, n.validate)((0, n.assertValueType)("boolean")), optional: (0, n.validate)((0, n.assertValueType)("boolean")), variance: (0, n.validateOptionalType)("Variance") } }}, (0, n.default)("ObjectTypeSpreadProperty", {visitor: ["argument"], aliases: ["Flow", "UserWhitespacable"], fields: {argument: (0, n.validateType)("FlowType") } }}, (0, n.default)("OpaqueType", {visitor: ["id", "typeParameters", "supertype", "impltype"], aliases: ["Flow", "FlowDeclaration", "Statement", "Declaration"], fields: {id: (0, n.validateType)("Identifier"), typeParameters: (0, n.validateOptionalType)("TypeParameterDeclaration"), supertype: (0, n.validateOptionalType)("FlowType"), impltype: (0, n.validateType)("FlowType") } }}, (0, n.default)("QualifiedTypeIdentifier", {visitor: ["id", "qualification"], aliases: ["Flow"], fields: {id: (0, n.validateType)("Identifier"), qualification: (0, n.validateType)("Identifier", "QualifiedTypeIdentifier") } }}, (0, n.default)("StringLiteralTypeAnnotation", {builder: ["value"], aliases: ["Flow", "FlowType"], fields: {value: (0, n.validate)((0, n.assertValueType)("string")) } }}, (0, n.default)("StringTypeAnnotation", {aliases: ["Flow", "FlowType", "FlowBaseAnnotation"]}), (0, n.default)("SymbolTypeAnnotation", {aliases: ["Flow", "FlowType", "FlowBaseAnnotation"]}), (0, n.default)("ThisTypeAnnotation", {aliases: ["Flow", "FlowType", "FlowBaseAnnotation"]}), (0, n.default)("TupleTypeAnnotation", {visitor: ["types"], aliases: ["Flow", "FlowType"], fields: {types: (0, n.validate)((0, n.arrayOfType)("FlowType")) } }}, (0, n.default)("TypeofTypeAnnotation", {visitor: ["argument"], aliases: ["Flow", "FlowType"], fields: {argument: (0, n.validateType)("FlowType") } }}, (0, n.default)("TypeAlias", {visitor: ["id", "typeParameters", "right"], aliases: ["Flow", "FlowDeclaration", "Statement", "Declaration"], fields: {id: (0, n.validateType)("Identifier"), typeParameters: (0, n.validateOptionalType)("TypeParameterDeclaration"), right: (0, n.validateType)("FlowType") } }}, (0, n.default)("TypeAnnotation", {aliases: ["Flow"], visitor: ["typeAnnotation"], fields: {typeAnnotation: (0, n.validateType)("FlowType") } }}, (0, n.default)("TypeCastExpression", {visitor: ["expression", "typeAnnotation"], aliases: ["Flow", "ExpressionWrapper", "Expression"], fields: {expression: (0, n.validateType)("Expression"), typeAnnotation: (0, n.validateType)("TypeAnnotation") } }}, (0, n.default)("TypeParameter", {aliases: ["Flow"], visitor: ["bound", "default", "variance"], fields: {name: (0, n.validate)((0, n.assertValueType)("string")), bound: (0, n.validateOptionalType)("TypeAnnotation"), default: (0, n.validateOptionalType)("FlowType"), variance: (0, n.validateOptionalType)("Variance") } }}, (0, n.default)("TypeParameterDeclaration", {aliases: ["Flow"], visitor: ["params"], fields: {params: (0, n.validate)((0, n.arrayOfType)("TypeParameter")) } }}, (0, n.default)("TypeParameterInstantiation", {aliases: ["Flow"], visitor: ["params"], fields: {params: (0, n.validate)((0, n.arrayOfType)("FlowType")) } }}, (0, n.default)("UnionTypeAnnotation", {visitor: ["types"], aliases: ["Flow", "FlowType"], fields: {types: (0, n.validate)((0, n.arrayOfType)("FlowType")) } }}, (0, n.default)("Variance", {aliases: ["Flow"], builder: ["kind"], fields: {kind: (0, n.validate)((0, n.assertOneOf)("minus", "plus")) } }}, (0, n.default)("VoidTypeAnnotation", {aliases: ["Flow", "FlowType", "FlowBaseAnnotation"]}), (0, n.default)("EnumDeclaration", {aliases: ["Statement", "Declaration"], visitor: ["id", "body"], fields: {id: (0, n.validateType)("Identi

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fier"),body:(0,n.validateType)(["EnumBooleanBody","EnumNumberBody","EnumStringBody","EnumSymbolBody
"))}),((0,n.default)("EnumBooleanBody",{aliases:["EnumBody"],visitor:["members"],fields:{explicit:(0,n.validate)
(0,n.assertValueType)("boolean")),members:(0,n.validateArrayOfType)("EnumBooleanMember"))}),((0,n.default)("
EnumNumberBody",{aliases:["EnumBody"],visitor:["members"],fields:{explicit:(0,n.validate)((0,n.assertValueTyp
e)("boolean")),members:(0,n.validateArrayOfType)("EnumNumberMember"))}),((0,n.default)("EnumStringBody",{
aliases:["EnumBody"],visitor:["members"],fields:{explicit:(0,n.validate)((0,n.assertValueType)("boolean")),member
s:(0,n.validateArrayOfType)(["EnumStringMember","EnumDefaultedMember"])})),((0,n.default)("EnumSymbolBo
dy",{aliases:["EnumBody"],visitor:["members"],fields:{members:(0,n.validateArrayOfType)("EnumDefaultedMem
ber"))}),((0,n.default)("EnumBooleanMember",{aliases:["EnumMember"],visitor:["id"],fields:{id:(0,n.validateType)
("Identifier"),init:(0,n.validateType)("BooleanLiteral"))}),((0,n.default)("EnumNumberMember",{aliases:["EnumMe
mber"],visitor:["id","init"],fields:{id:(0,n.validateType)("Identifier"),init:(0,n.validateType)("NumericLiteral")
}),((0,n.default)("EnumStringMember",{aliases:["EnumMember"],visitor:["id","init"],fields:{id:(0,n.validateType)("Ident
ifier"),init:(0,n.validateType)("StringLiteral")}),((0,n.default)("EnumDefaultedMember",{aliases:["EnumMember"],
visitor:["id"],fields:{id:(0,n.validateType)("Identifier")}})),function(e,t,r){"use strict";var
n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get|a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(9));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return
e,e}(0,n.default)("JSXAttribute",{visitor:["name","value"],aliases:["JSX","Immutable"],fields:{name:{validate:(0,
n.assertNodeType)("JSXIdentifier","JSXNamespacedName")},value:{optional:!0,validate:(0,n.assertNodeType)("JS
XElement","JSXFragment","StringLiteral","JSXExpressionContainer")}}}),((0,n.default)("JSXClosingElement",{vis
itor:["name"],aliases:["JSX","Immutable"],fields:{name:{validate:(0,n.assertNodeType)("JSXIdentifier","JSXMemb
erExpression","JSXNamespacedName")}}}),((0,n.default)("JSXElement",{builder:["openingElement","closingElem
ent","children","selfClosing"],visitor:["openingElement","children","closingElement"],aliases:["JSX","Immutable","
Expression"],fields:{openingElement:{validate:(0,n.assertNodeType)("JSXOpeningElement")},closingElement:{opt
ional:!0,validate:(0,n.assertNodeType)("JSXClosingElement")},children:{validate:(0,n.chain)((0,n.assertValueType)
)("array"),(0,n.assertEach)((0,n.assertNodeType)("JSXText","JSXExpressionContainer","JSXSpreadChild","JSXEle
ment","JSXFragment"))},selfClosing:{validate:(0,n.assertValueType)("boolean"),optional:!0}}}),((0,n.default)("JS
XEmptyExpression",{aliases:["JSX"]}),((0,n.default)("JSXExpressionContainer",{visitor:["expression"],aliases:["JS
X","Immutable"],fields:{expression:{validate:(0,n.assertNodeType)("Expression","JSXEmptyExpression")}}}),((0,n
.default)("JSXSpreadChild",{visitor:["expression"],aliases:["JSX","Immutable"],fields:{expression:{validate:(0,n.as
sertNodeType)("Expression")}}}),((0,n.default)("JSXIdentifier",{builder:["name"],aliases:["JSX"],fields:{name:{val
idate:(0,n.assertValueType)("string")}}}),((0,n.default)("JSXMemberExpression",{visitor:["object","property"],alias
es:["JSX"],fields:{object:{validate:(0,n.assertNodeType)("JSXMemberExpression","JSXIdentifier")},property:{vali
date:(0,n.assertNodeType)("JSXIdentifier")}}}),((0,n.default)("JSXNamespacedName",{visitor:["namespace","name
"],aliases:["JSX"],fields:{namespace:{validate:(0,n.assertNodeType)("JSXIdentifier")},name:{validate:(0,n.assertN
odeType)("JSXIdentifier")}}}),((0,n.default)("JSXOpeningElement",{builder:["name","attributes","selfClosing"],vis
itor:["name","attributes"],aliases:["JSX","Immutable"],fields:{name:{validate:(0,n.assertNodeType)("JSXIdentifier"
,"JSXMemberExpression","JSXNamespacedName")},selfClosing:{default:!1},attributes:{validate:(0,n.chain)((0,n.a
ssertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("JSXAttribute","JSXSpreadAttribute"))}),typePara
meters:{validate:(0,n.assertNodeType)("TypeParameterInstantiation","TSTypeParameterInstantiation"),optional:!0
}}}),((0,n.default)("JSXSpreadAttribute",{visitor:["argument"],aliases:["JSX"],fields:{argument:{validate:(0,n.assert
NodeType)("Expression")}}}),((0,n.default)("JSXText",{aliases:["JSX","Immutable"],builder:["value"],fields:{value
:{validate:(0,n.assertValueType)("string")}}}),((0,n.default)("JSXFragment",{builder:["openingFragment","closingF
ragment","children"],visitor:["openingFragment","children","closingFragment"],aliases:["JSX","Immutable","Expre

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ssion"],fields:{openingFragment:{validate:(0,n.assertNodeType)("JSXOpeningFragment")},closingFragment:{validate:(0,n.assertNodeType)("JSXClosingFragment")},children:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("JSXText","JSXExpressionContainer","JSXSpreadChild","JSXElement","JSXFragment"))}},(0,n.default)("JSXOpeningFragment",{aliases:["JSX","Immutable"]}),0,n.default)("JSXClosingFragment",{aliases:["JSX","Immutable"]}),function(e,t,r){
"use strict";var n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=s();if(t&&t.has(e))return t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in e)if(Object.prototype.hasOwnProperty.call(e,i)){var a=n?Object.getOwnPropertyDescriptor(e,i):null;a&&(a.get||a.set)?Object.defineProperty(r,i,a):r[i]=e[i]}r.default=e,t&&t.set(e,r);return r}(r(9)),i=r(83);function s(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return s=function(){return e},e}(0,n.default)("Noop",{visitor:[]}),0,n.default)("Placeholder",{visitor:[],builder:["expectedNode","name"],fields:{name:{validate:(0,n.assertNodeType)("Identifier")},expectedNode:{validate:(0,n.assertOneOf(...i.PLACEHOLDERS))}},(0,n.default)("V8IntrinsicIdentifier",{builder:["name"],fields:{name:{validate:(0,n.assertValueType)("string")}}}),function(e,t,r){
"use strict";var n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=s();if(t&&t.has(e))return t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in e)if(Object.prototype.hasOwnProperty.call(e,i)){var a=n?Object.getOwnPropertyDescriptor(e,i):null;a&&(a.get||a.set)?Object.defineProperty(r,i,a):r[i]=e[i]}r.default=e,t&&t.set(e,r);return r}(r(9)),i=r(50);function s(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return s=function(){return e},e}(0,n.default)("ArgumentPlaceholder",{}),0,n.default)("BindExpression",{visitor:["object","callee"],aliases:["Expression"],fields:process.env.BABEL_TYPES_8_BREAKING?{object:{validate:(0,n.assertNodeType)("Expression")},callee:{validate:(0,n.assertNodeType)("Expression")}:{object:{validate:Object.assign(=>{}},{oneOfNodeTypes:["Expression"]}}),callee:{validate:Object.assign(=>{}},{oneOfNodeTypes:["Expression"]}})},(0,n.default)("ClassProperty",{visitor:["key","value","typeAnnotation","decorators"],builder:["key","value","typeAnnotation","decorators","computed","static"],aliases:["Property"],fields:Object.assign({},i.classMethodOrPropertyCommon,{value:{validate:(0,n.assertNodeType)("Expression"),optional:!0},definite:{validate:(0,n.assertValueType)("boolean"),optional:!0},typeAnnotation:{validate:(0,n.assertNodeType)("TypeAnnotation","TSTypeAnnotation","Noop"),optional:!0},decorators:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("Decorator"))),optional:!0},readonly:{validate:(0,n.assertValueType)("boolean"),optional:!0},declare:{validate:(0,n.assertValueType)("boolean"),optional:!0}})},(0,n.default)("PipelineTopicExpression",{builder:["expression"],visitor:["expression"],fields:{expression:{validate:(0,n.assertNodeType)("Expression")}})},(0,n.default)("PipelineBareFunction",{builder:["callee"],visitor:["callee"],fields:{callee:{validate:(0,n.assertNodeType)("Expression")}})},(0,n.default)("PipelinePrimaryTopicReference",{aliases:["Expression"]}),0,n.default)("ClassPrivateProperty",{visitor:["key","value","decorators"],builder:["key","value","decorators","static"],aliases:["Property","Private"],fields:{key:{validate:(0,n.assertNodeType)("PrivateName")},value:{validate:(0,n.assertNodeType)("Expression"),optional:!0},decorators:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("Decorator"))),optional:!0}})},(0,n.default)("ClassPrivateMethod",{builder:["kind","key","params","body","static"],visitor:["key","params","body","decorators","returnType","typeParameters"],aliases:["Function","Scopable","BlockParent","FunctionParent","Method","Private"],fields:Object.assign({},i.classMethodOrDeclareMethodCommon,i.functionTypeAnnotationCommon,{key:{validate:(0,n.assertNodeType)("PrivateName")},body:{validate:(0,n.assertNodeType)("BlockStatement")}})},(0,n.default)("ImportAttribute",{visitor:["key","value"],fields:{key:{validate:(0,n.assertNodeType)("Identifier","StringLiteral")},value:{validate:(0,n.assertNodeType)("StringLiteral")}})},(0,n.default)("Decorator",{visitor:["expression"],fields:{expression:{validate:(0,n.assertNodeType)("Expression")}})},(0,n.default)("DoExpression",{visitor:["body"],aliases:["Expression"],fields:{body:{validate:(0,n.assertNodeType)("BlockStatement")}})},(0,n.default)("ExportDefaultSpecifier",{visitor:["exported"],aliases:["ModuleSpecifier"],fields:{exported:{validate:(0,n.asser

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tNodeType)("Identifier"))})),(0,n.default)("PrivateName",{visitor:["id"],aliases:["Private"],fields:{id:{validate:(0,n.assertNodeType)("Identifier"))}},(0,n.default)("RecordExpression",{visitor:["properties"],aliases:["Expression"],fields:{properties:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("ObjectProperty","SpreadElement"))}}}),0,n.default)("TupleExpression",{fields:{elements:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("Expression","SpreadElement"))},default:[]}},visitor:["elements"],aliases:["Expression"]}),0,n.default)("DecimalLiteral",{builder:["value"],fields:{value:{validate:(0,n.assertValueType)("string")}},aliases:["Expression","Pureish","Literal","Immutable"]}),0,n.default)("StaticBlock",{visitor:["body"],fields:{body:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("Statement"))}},aliases:["Scopable","BlockParent"]}),function(e,t,r){
"use strict";var n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=s();if(t&&t.has(e))return t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in e)if(Object.prototype.hasOwnProperty.call(e,i)){var a=n?Object.getOwnPropertyDescriptor(e,i):null;a&&(a.get||a.set)?Object.defineProperty(r,i,a):r[i]=e[i]}r.default=e,t&&t.set(e,r);return r}(r(9)),i=r(50);function s(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return s=function(){return e},e}const a=(0,n.assertValueType)("boolean"),o={returnType:{validate:(0,n.assertNodeType)("TSTypeAnnotation","Noop"),optional:!0},typeParameters:{validate:(0,n.assertNodeType)("TSTypeParameterDeclaration","Noop"),optional:!0}};(0,n.default)("TSParameterProperty",{aliases:["LVal"],visitor:["parameter"],fields:{accessibility:{validate:(0,n.assertOneOf)("public","private","protected"),optional:!0},readonly:{validate:(0,n.assertValueType)("boolean"),optional:!0},parameter:{validate:(0,n.assertNodeType)("Identifier","AssignmentPattern")}}}),0,n.default)("TSDeclareFunction",{aliases:["Statement","Declaration"],visitor:["id","typeParameters","params","returnType"],fields:Object.assign({},i.functionDeclarationCommon,o)}),0,n.default)("TSDeclareMethod",{visitor:["decorators","key","typeParameters","params","returnType"],fields:Object.assign({},i.classMethodOrDeclareMethodCommon,o)}),0,n.default)("TSQualifiedName",{aliases:["TSEntityName"],visitor:["left","right"],fields:{left:(0,n.validateType)("TSEntityName"),right:(0,n.validateType)("Identifier")}});const l={typeParameters:(0,n.validateOptionalType)("TSTypeParameterDeclaration"),parameters:(0,n.validateArrayOfType)(["Identifier","RestElement"]),typeAnnotation:(0,n.validateOptionalType)("TSTypeAnnotation"),c:{aliases:["TSTypeElement"],visitor:["typeParameters","parameters","typeAnnotation"],fields:l}};(0,n.default)("TSCallSignatureDeclaration",c),(0,n.default)("TSConstructSignatureDeclaration",c);const p={key:(0,n.validateType)("Expression"),computed:(0,n.validate)(a),optional:(0,n.validateOptional)(a)};(0,n.default)("TSPropertySignature",{aliases:["TSTypeElement"],visitor:["key","typeAnnotation","initializer"],fields:Object.assign({},p,{readonly:(0,n.validateOptional)(a),typeAnnotation:(0,n.validateOptionalType)("TSTypeAnnotation"),initializer:(0,n.validateOptionalType)("Expression")}}}),0,n.default)("TSMethodSignature",{aliases:["TSTypeElement"],visitor:["key","typeParameters","parameters","typeAnnotation"],fields:Object.assign({},l,p)}),0,n.default)("TSIndexSignature",{aliases:["TSTypeElement"],visitor:["parameters","typeAnnotation"],fields:{readonly:(0,n.validateOptional)(a),parameters:(0,n.validateArrayOfType)("Identifier"),typeAnnotation:(0,n.validateOptionalType)("TSTypeAnnotation")}});const u=["TSAnyKeyword","TSBooleanKeyword","TSBigIntKeyword","TSIntrinsicKeyword","TSNeverKeyword","TSNullKeyword","TSNumberKeyword","TSObjectKeyword","TSStringKeyword","TSSymbolKeyword","TSUndefinedKeyword","TSUnknownKeyword","TSVoidKeyword"];for(const e of u)(0,n.default)(e,{aliases:["TSType","TSBaseType"],visitor:[],fields:{}});0,n.default)("TSThisType",{aliases:["TSType","TSBaseType"],visitor:[],fields:{}});const d={aliases:["TSType"],visitor:["typeParameters","parameters","typeAnnotation"],fields:l}};(0,n.default)("TSFunctionType",d),(0,n.default)("TSConstructorType",d),(0,n.default)("TSTypeReference",{aliases:["TSType"],visitor:["typeName","typeParameters"],fields:{typeName:(0,n.validateType)("TSEntityName"),typeParameters:(0,n.validateOptionalType)("TSTypeParameterInstantiation")}}}),0,n.default)("TSTypePredicate",{aliases:["TSType"],visitor:["parameterName","typeAnnotation"],builder:["parameterName","typeAnnotation","asserts"],fields:{parameterName:(0,n

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validateType(["Identifier", "TSThisType"]),typeAnnotation:(0,n.validateOptionalType)("TSTypeAnnotation"),asserts:(0,n.validateOptional)(a)})),(0,n.default)("TSTypeQuery",{aliases:["TSType"],visitor:["exprName"],fields:{exprName:(0,n.validateType)("TSEntityName","TSImportType")}})),(0,n.default)("TSTypeLiteral",{aliases:["TSType"],visitor:["members"],fields:{members:(0,n.validateArrayOfType)("TSTypeElement")}}),(0,n.default)("TSArrayType",{aliases:["TSType"],visitor:["elementType"],fields:{elementType:(0,n.validateType)("TSType")}}),(0,n.default)("TSTupleType",{aliases:["TSType"],visitor:["elementTypes"],fields:{elementTypes:(0,n.validateArrayOfType)("TSType","TSNamedTupleMember")}}),(0,n.default)("TSOptionalType",{aliases:["TSType"],visitor:["typeAnnotation"],fields:{typeAnnotation:(0,n.validateType)("TSType")}}),(0,n.default)("TSRestType",{aliases:["TSType"],visitor:["typeAnnotation"],fields:{typeAnnotation:(0,n.validateType)("TSType")}}),(0,n.default)("TSNamedTupleMember",{visitor:["label","elementType"],builder:["label","elementType","optional"],fields:{label:(0,n.validateType)("Identifier"),optional:{validate:a,default:!1},elementType:(0,n.validateType)("TSType")}});const h={aliases:["TSType"],visitor:["types"],fields:{types:(0,n.validateArrayOfType)("TSType")}};(0,n.default)("TSUnionType",h),(0,n.default)("TSIntersectionType",h),(0,n.default)("TSConditionalType",{aliases:["TSType"],visitor:["checkType","extendsType","trueType","falseType"],fields:{checkType:(0,n.validateType)("TSType"),extendsType:(0,n.validateType)("TSType"),trueType:(0,n.validateType)("TSType"),falseType:(0,n.validateType)("TSType")}}),(0,n.default)("TSInferType",{aliases:["TSType"],visitor:["typeParameter"],fields:{typeParameter:(0,n.validateType)("TSTypeParameter")}}),(0,n.default)("TSParenthesizedType",{aliases:["TSType"],visitor:["typeAnnotation"],fields:{typeAnnotation:(0,n.validateType)("TSType")}}),(0,n.default)("TSTypeOperator",{aliases:["TSType"],visitor:["typeAnnotation"],fields:{operator:(0,n.validate)((0,n.assertValueType)("string")),typeAnnotation:(0,n.validateType)("TSType")}}),(0,n.default)("TSIndexedAccessType",{aliases:["TSType"],visitor:["objectType","indexType"],fields:{objectType:(0,n.validateType)("TSType"),indexType:(0,n.validateType)("TSType")}}),(0,n.default)("TSMappedType",{aliases:["TSType"],visitor:["typeParameter","typeAnnotation","nameType"],fields:{readonly:(0,n.validateOptional)(a),typeParameter:(0,n.validateType)("TSTypeParameter"),optional:(0,n.validateOptional)(a),typeAnnotation:(0,n.validateOptionalType)("TSType"),nameType:(0,n.validateOptionalType)("TSType")}}),(0,n.default)("TSLiteralType",{aliases:["TSType","TSBaseType"],visitor:["literal"],fields:{literal:(0,n.validateType)(["NumericLiteral","StringLiteral","BooleanLiteral","BigIntLiteral"])}),(0,n.default)("TSExpressionWithTypeArguments",{aliases:["TSType"],visitor:["expression","typeParameters"],fields:{expression:(0,n.validateType)("TSEntityName"),typeParameters:(0,n.validateOptionalType)("TSTypeParameterInstantiation")}}),(0,n.default)("TSInterfaceDeclaration",{aliases:["Statement","Declaration"],visitor:["id","typeParameters","extends","body"],fields:{declare:(0,n.validateOptional)(a),id:(0,n.validateType)("Identifier"),typeParameters:(0,n.validateOptionalType)("TSTypeParameterDeclaration"),extends:(0,n.validateOptional)((0,n.arrayOfType)("TSExpressionWithTypeArguments")),body:(0,n.validateType)("TSInterfaceBody")}}),(0,n.default)("TSInterfaceBody",{visitor:["body"],fields:{body:(0,n.validateArrayOfType)("TSTypeElement")}}),(0,n.default)("TSTypeAliasDeclaration",{aliases:["Statement","Declaration"],visitor:["id","typeParameters","typeAnnotation"],fields:{declare:(0,n.validateOptional)(a),id:(0,n.validateType)("Identifier"),typeParameters:(0,n.validateOptionalType)("TSTypeParameterDeclaration"),typeAnnotation:(0,n.validateType)("TSType")}}),(0,n.default)("TSAsExpression",{aliases:["Expression"],visitor:["expression","typeAnnotation"],fields:{expression:(0,n.validateType)("Expression"),typeAnnotation:(0,n.validateType)("TSType")}}),(0,n.default)("TSTypeAssertion",{aliases:["Expression"],visitor:["typeAnnotation","expression"],fields:{typeAnnotation:(0,n.validateType)("TSType"),expression:(0,n.validateType)("Expression")}}),(0,n.default)("TSEnumDeclaration",{aliases:["Statement","Declaration"],visitor:["id","members"],fields:{declare:(0,n.validateOptional)(a),const:(0,n.validateOptional)(a),id:(0,n.validateType)("Identifier"),members:(0,n.validateArrayOfType)("TSEnumMember"),initializer:(0,n.validateOptionalType)("Expression")}}),(0,n.default)("TSEnumMember",{visitor:["id","initializer"],fields:{id:(0,n.validateType)(["Identifier","StringLiteral"]),initializer:(0,n.validateOptionalType)("Expression")}}),(0,n.default)("TSModuleDeclaration",{aliases:["Statement","Declaration"],visitor:["id","body"],fields:{declare:(0,n.validateOptional)(a),global:(0,n.validateOptional)(a),id:(0,n.validateType)(["Identifier","StringLiteral"]),body:(0,n.validateType)(["TSMODULEBLOCK","TSMODULEDECLARATION"])}),(0,n.default)("TSMODULEBLOCK",{aliases:["Scopable","Block","BlockParent"],visitor:["body"],fields:{body:(0,n.validateArrayOfType)("Statement")}}),(0,n.default)("TSImportType",{aliases:["TSType"],visitor:["argument","qualifier","typeParameters"],fields:{argument:(0,n.validateType)("StringLiteral"),qualifier:(0,n

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validateOptionalType)("TEntityName"),typeParameters:(0,n.validateOptionalType)("TTypeParameterInstantiation")))),(0,n.default)("TImportEqualsDeclaration",{aliases:["Statement"],visitor:["id","moduleReference"],fields:{isExport:(0,n.validate)(a),id:(0,n.validateType)("Identifier"),moduleReference:(0,n.validateType)("TEntityName","TExternalModuleReference")}}),(0,n.default)("TExternalModuleReference",{visitor:["expression"],fields:{expression:(0,n.validateType)("StringLiteral")}}),(0,n.default)("TNonNullExpression",{aliases:["Expression"],visitor:["expression"],fields:{expression:(0,n.validateType)("Expression")}}),(0,n.default)("TExportAssignment",{aliases:["Statement"],visitor:["expression"],fields:{expression:(0,n.validateType)("Expression")}}),(0,n.default)("TSNamespaceExportDeclaration",{aliases:["Statement"],visitor:["id"],fields:{id:(0,n.validateType)("Identifier")}}),(0,n.default)("TTypeAnnotation",{visitor:["typeAnnotation"],fields:{typeAnnotation:{validate:(0,n.assertNodeType)("TType")}}}),
(0,n.default)("TTypeParameterInstantiation",{visitor:["params"],fields:{params:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("TType"))}}}}),
(0,n.default)("TTypeParameterDeclaration",{visitor:["params"],fields:{params:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("TTypeParameter"))}}}}),
(0,n.default)("TTypeParameter",{builder:["constraint","default","name"],visitor:["constraint","default"],fields:{name:{validate:(0,n.assertValueType)("string")},constraint:{validate:(0,n.assertNodeType)("TType"),optional:!0},default:{validate:(0,n.assertNodeType)("TType"),optional:!0}}}),function(e,t,r){
"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){if(!(0,i.default)(e)){var t;const r=null!=(t=null==e?void 0:e.type)?t.JSON.stringify(e):throw new TypeError("Not a valid node of type "+r)};var n,i=(n=r(84))&&n.__esModule?n:{default:n}},function(e,t,r){
"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.assertArrayExpression=function(e,t={}){s("ArrayExpression",e,t)},t.assertAssignmentExpression=function(e,t={}){s("AssignmentExpression",e,t)},t.assertBinaryExpression=function(e,t={}){s("BinaryExpression",e,t)},t.assertInterpreterDirective=function(e,t={}){s("InterpreterDirective",e,t)},t.assertDirective=function(e,t={}){s("Directive",e,t)},t.assertDirectiveLiteral=function(e,t={}){s("DirectiveLiteral",e,t)},t.assertBlockStatement=function(e,t={}){s("BlockStatement",e,t)},t.assertBreakStatement=function(e,t={}){s("BreakStatement",e,t)},t.assertCallExpression=function(e,t={}){s("CallExpression",e,t)},t.assertCatchClause=function(e,t={}){s("CatchClause",e,t)},t.assertConditionalExpression=function(e,t={}){s("ConditionalExpression",e,t)},t.assertContinueStatement=function(e,t={}){s("ContinueStatement",e,t)},t.assertDebuggerStatement=function(e,t={}){s("DebuggerStatement",e,t)},t.assertDoWhileStatement=function(e,t={}){s("DoWhileStatement",e,t)},t.assertEmptyStatement=function(e,t={}){s("EmptyStatement",e,t)},t.assertExpressionStatement=function(e,t={}){s("ExpressionStatement",e,t)},t.assertFile=function(e,t={}){s("File",e,t)},t.assertForInStatement=function(e,t={}){s("ForInStatement",e,t)},t.assertForStatement=function(e,t={}){s("ForStatement",e,t)},t.assertFunctionDeclaration=function(e,t={}){s("FunctionDeclaration",e,t)},t.assertFunctionExpression=function(e,t={}){s("FunctionExpression",e,t)},t.assertIdentifier=function(e,t={}){s("Identifier",e,t)},t.assertIfStatement=function(e,t={}){s("IfStatement",e,t)},t.assertLabeledStatement=function(e,t={}){s("LabeledStatement",e,t)},t.assertStringLiteral=function(e,t={}){s("StringLiteral",e,t)},t.assertNumericLiteral=function(e,t={}){s("NumericLiteral",e,t)},t.assertNullLiteral=function(e,t={}){s("NullLiteral",e,t)},t.assertBooleanLiteral=function(e,t={}){s("BooleanLiteral",e,t)},t.assertRegExpLiteral=function(e,t={}){s("RegExpLiteral",e,t)},t.assertLogicalExpression=function(e,t={}){s("LogicalExpression",e,t)},t.assertMemberExpression=function(e,t={}){s("MemberExpression",e,t)},t.assertNewExpression=function(e,t={}){s("NewExpression",e,t)},t.assertProgram=function(e,t={}){s("Program",e,t)},t.assertObjectExpression=function(e,t={}){s("ObjectExpression",e,t)},t.assertObjectMethod=function(e,t={}){s("ObjectMethod",e,t)},t.assertObjectProperty=function(e,t={}){s("ObjectProperty",e,t)},t.assertRestElement=function(e,t={}){s("RestElement",e,t)},t.assertReturnStatement=function(e,t={}){s("ReturnStatement",e,t)},t.assertSequenceExpression=function(e,t={}){s("SequenceExpression",e,t)},t.assertParenthesizedExpression=function(e,t={}){s("ParenthesizedExpression",e,t)},t.assertSwitchCase=function(e,t={}){s("SwitchCase",e,t)},t.assertSwitchStatement=function(e,t={}){s("SwitchStatement",e,t)},t.assertThisExpression=function(e,t={}){s("ThisExpression",e,t)},t.assertThrowStatement=function(e,t={}){s("ThrowStatement",e,t)},t.assertTryStatement=function(e,t={}){s("TryStatement",e,t)},t.assertUnaryExpression=function(e,t={}){s("UnaryExpression",e,t)},t.assertUpdateExpression=function(e,t={}){s("UpdateExpression",e,t)},t.assertVariableDeclaration=function(e,t={}){s("VariableDeclaration",e,t)},t.assertVariableDeclarator=function(e,t={}){s("VariableDecl

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unction(e,t={}){s("Flow",e,t)},t.assertFlowType=function(e,t={}){s("FlowType",e,t)},t.assertFlowBaseAnnotation=function(e,t={}){s("FlowBaseAnnotation",e,t)},t.assertFlowDeclaration=function(e,t={}){s("FlowDeclaration",e,t)},t.assertFlowPredicate=function(e,t={}){s("FlowPredicate",e,t)},t.assertEnumBody=function

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ion(e,t={}){s("EnumBody",e,t),t.assertEnumMember=function(e,t={}){s("EnumMember",e,t),t.assertJSX=function(e,t={}){s("JSX",e,t),t.assertPrivate=function(e,t={}){s("Private",e,t),t.assertTSTypeElement=function(e,t={}){s("TSTypeElement",e,t),t.assertTSType=function(e,t={}){s("TSType",e,t),t.assertTSBaseType=function(e,t={}){s("TSBaseType",e,t),t.assertNumberLiteral=function(e,t){console.trace("The node type NumberLiteral has been renamed to NumericLiteral"),s("NumberLiteral",e,t),t.assertRegexLiteral=function(e,t){console.trace("The node type RegexLiteral has been renamed to RegExpLiteral"),s("RegexLiteral",e,t),t.assertRestProperty=function(e,t){console.trace("The node type RestProperty has been renamed to RestElement"),s("RestProperty",e,t),t.assertSpreadProperty=function(e,t){console.trace("The node type SpreadProperty has been renamed to SpreadElement"),s("SpreadProperty",e,t)};var n,i=(n=r(34))&&n.__esModule?n:{default:n};function s(e,t,r){if(!0,i.default)(e,t,r)throw new Error("Expected type "${e}" with option ${JSON.stringify(r)}, but instead got "${t.type}"`)}},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){if("string"===e)return(0,n.stringTypeAnnotation());if("number"===e)return(0,n.numberTypeAnnotation());if("undefined"===e)return(0,n.voidTypeAnnotation());if("boolean"===e)return(0,n.booleanTypeAnnotation());if("function"===e)return(0,n.genericTypeAnnotation)((0,n.identifier)("Function"));if("object"===e)return(0,n.genericTypeAnnotation)((0,n.identifier)("Object"));if("symbol"===e)return(0,n.genericTypeAnnotation)((0,n.identifier)("Symbol"));throw new Error("Invalid type of value")};var n=r(4)},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){const t=(0,s.default)(e);return 1===t.length?t[0]:(0,i.unionTypeAnnotation)(t)};var n,i=r(4),s=(n=r(85))&&n.__esModule?n:{default:n}},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){const t=e.map(e=>e.typeAnnotations),r=(0,s.default)(t);return 1===r.length?r[0]:(0,i.tsUnionType)(r)};var n,i=r(4),s=(n=r(221))&&n.__esModule?n:{default:n}},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){const t={},r={},i=[],s=[];for(let t=0;t<e.length;t++){const a=e[t];if(a&&!(s.indexOf(a)>=0)){if((0,n.isTSAnyKeyword)(a.type))return[a];(0,n.isTSBaseType)(a)?r[a.type]=a:(0,n.isTSUnionType)(a)?i.indexOf(a.types)<0&&(e=e.concat(a.types),i.push(a.types)):s.push(a)}for(const e of Object.keys(r))s.push(r[e]);for(const e of Object.keys(t))s.push(t[e]);return s};var n=r(2)},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,i.default)(e,!1)};var n,i=(n=r(14))&&n.__esModule?n:{default:n}},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,i.default)(e)};var n,i=(n=r(14))&&n.__esModule?n:{default:n}},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,i.default)(e,!0,!0)};var n,i=(n=r(14))&&n.__esModule?n:{default:n}},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,i.default)(e,!1,!0)};var n,i=(n=r(14))&&n.__esModule?n:{default:n}},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r,n){return(0,i.default)(e,t,[{type:n?"CommentLine":"CommentBlock",value:r}])};var n,i=(n=r(86))&&n.__esModule?n:{default:n}},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return n.COMMENT_KEYS.forEach(t=>{e[t]=null}),e};var n=r(13)},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.TSBASETYPE_TYPES=t.TSTYPE_TYPES=t.TSTYPE_ELEMENT_TYPES=t.PRIVATE_TYPES=t.JSX_TYPES=t.ENUMMEMBER_TYPES=t.ENUMBODY_TYPES=t.FLOWPREDICATE_TYPES=t.FLOWDECLARATION_TYPES=t.FLOWBASEANNOTATION_TYPES=t.FLOWWTYPE_TYPES=t.FLOW_TYPES=t.MODULESPECIFIER_TYPES=t.EXPORTDECLARATION_TYPES=t.MODULEDECLARATION_TYPES=t.CLASS_TYPES=t.PATTERN_TYPES=t.UNARYLIKE_TYPES=t.PROPERTY_TYPES=t.OBJECTMEMBER_TYPES=t.METHOD_TYPES=t.USERWHITESPACABLE_TYPES=t.IMMUTA

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BLE_TYPES=t.LITERAL_TYPES=t.TSENTITYNAME_TYPES=t.LVAL_TYPES=t.PATTERNLIKE_TYPES=t.
DECLARATION_TYPES=t.PUREISH_TYPES=t.FUNCTIONPARENT_TYPES=t.FUNCTION_TYPES=t.FORX
STATEMENT_TYPES=t.FOR_TYPES=t.EXPRESSIONWRAPPER_TYPES=t.WHILE_TYPES=t.LOOP_TYPES
=t.CONDITIONAL_TYPES=t.COMPLETIONSTATEMENT_TYPES=t.TERMINATORLESS_TYPES=t.STATE
MENT_TYPES=t.BLOCK_TYPES=t.BLOCKPARENT_TYPES=t.SCOPABLE_TYPES=t.BINARY_TYPES=t.E
XPRESSION_TYPES=void 0;var n=r(5);const
i=n.FLIPPED_ALIAS_KEYS.Expression;t.EXPRESSION_TYPES=i;const
s=n.FLIPPED_ALIAS_KEYS.Binary;t.BINARY_TYPES=s;const
a=n.FLIPPED_ALIAS_KEYS.Scopable;t.SCOPABLE_TYPES=a;const
o=n.FLIPPED_ALIAS_KEYS.BlockParent;t.BLOCKPARENT_TYPES=o;const
l=n.FLIPPED_ALIAS_KEYS.Block;t.BLOCK_TYPES=l;const
c=n.FLIPPED_ALIAS_KEYS.Statement;t.STATEMENT_TYPES=c;const
p=n.FLIPPED_ALIAS_KEYS.Terminatorless;t.TERMINATORLESS_TYPES=p;const
u=n.FLIPPED_ALIAS_KEYS.CompletionStatement;t.COMPLETIONSTATEMENT_TYPES=u;const
d=n.FLIPPED_ALIAS_KEYS.Conditional;t.CONDITIONAL_TYPES=d;const
h=n.FLIPPED_ALIAS_KEYS.Loop;t.LOOP_TYPES=h;const
f=n.FLIPPED_ALIAS_KEYS.While;t.WHILE_TYPES=f;const
m=n.FLIPPED_ALIAS_KEYS.ExpressionWrapper;t.EXPRESSIONWRAPPER_TYPES=m;const
y=n.FLIPPED_ALIAS_KEYS.For;t.FOR_TYPES=y;const
T=n.FLIPPED_ALIAS_KEYS.ForXStatement;t.FORXSTATEMENT_TYPES=T;const
b=n.FLIPPED_ALIAS_KEYS.Function;t.FUNCTION_TYPES=b;const
g=n.FLIPPED_ALIAS_KEYS.FunctionParent;t.FUNCTIONPARENT_TYPES=g;const
S=n.FLIPPED_ALIAS_KEYS.Pureish;t.PUREISH_TYPES=S;const
x=n.FLIPPED_ALIAS_KEYS.Declaration;t.DECLARATION_TYPES=x;const
E=n.FLIPPED_ALIAS_KEYS.PatternLike;t.PATTERNLIKE_TYPES=E;const
P=n.FLIPPED_ALIAS_KEYS.LVal;t.LVAL_TYPES=P;const
v=n.FLIPPED_ALIAS_KEYS.TEntityName;t.TENTITYNAME_TYPES=v;const
A=n.FLIPPED_ALIAS_KEYS.Literal;t.LITERAL_TYPES=A;const
w=n.FLIPPED_ALIAS_KEYS.Immutable;t.IMMUTABLE_TYPES=w;const
O=n.FLIPPED_ALIAS_KEYS.UserWhitespacable;t.USERWHITESPACABLE_TYPES=O;const
I=n.FLIPPED_ALIAS_KEYS.Method;t.METHOD_TYPES=I;const
C=n.FLIPPED_ALIAS_KEYS.ObjectMember;t.OBJECTMEMBER_TYPES=C;const
N=n.FLIPPED_ALIAS_KEYS.Property;t.PROPERTY_TYPES=N;const
k=n.FLIPPED_ALIAS_KEYS.UnaryLike;t.UNARYLIKE_TYPES=k;const
D=n.FLIPPED_ALIAS_KEYS.Pattern;t.PATTERN_TYPES=D;const
_=n.FLIPPED_ALIAS_KEYS.Class;t.CLASS_TYPES=_;const
L=n.FLIPPED_ALIAS_KEYS.ModuleDeclaration;t.MODULEDECLARATION_TYPES=L;const
M=n.FLIPPED_ALIAS_KEYS.ExportDeclaration;t.EXPORTDECLARATION_TYPES=M;const
j=n.FLIPPED_ALIAS_KEYS.ModuleSpecifier;t.MODULESPECIFIER_TYPES=j;const
F=n.FLIPPED_ALIAS_KEYS.Flow;t.FLOW_TYPES=F;const
R=n.FLIPPED_ALIAS_KEYS.FlowType;t.FLOWTYPE_TYPES=R;const
B=n.FLIPPED_ALIAS_KEYS.FlowBaseAnnotation;t.FLOWBASEANNOTATION_TYPES=B;const
U=n.FLIPPED_ALIAS_KEYS.FlowDeclaration;t.FLOWDECLARATION_TYPES=U;const
V=n.FLIPPED_ALIAS_KEYS.FlowPredicate;t.FLOWPREDICATE_TYPES=V;const
K=n.FLIPPED_ALIAS_KEYS.EnumBody;t.ENUMBODY_TYPES=K;const
q=n.FLIPPED_ALIAS_KEYS.EnumMember;t.ENUMMEMBER_TYPES=q;const
Y=n.FLIPPED_ALIAS_KEYS.JSX;t.JSX_TYPES=Y;const
W=n.FLIPPED_ALIAS_KEYS.Private;t.PRIVATE_TYPES=W;const

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X=n.FLIPPED_ALIAS_KEYS.TSTypeElement;t.TSTYPEELEMENT_TYPERES=X;const
J=n.FLIPPED_ALIAS_KEYS.TSType;t.TSTYPE_TYPERES=J;const
H=n.FLIPPED_ALIAS_KEYS.TSBaseType;t.TSBASETYPE_TYPERES=H},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t="body"){return
e[t]=(0,i.default)(e[t],e);var n,i=(n=r(91))&&n.__esModule?:{default:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){ "eval"!==(e=(0,i.default)(e))&&"arg
uments"!==(e="_" +e);return e};var n,i=(n=r(92))&&n.__esModule?:{default:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t=e.key|e.property){!e.computed&&(
0,n.isIdentifier)(t)&&(t=(0,i.stringLiteral)(t.name));return t};var n=r(2),i=r(4)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){(0,n.isExpressionStatement)(e)&&(e
=e.expression);if((0,n.isExpression)(e))return
e;(0,n.isClass)(e)?e.type="ClassExpression":(0,n.isFunction)(e)&&(e.type="FunctionExpression");if(!(0,n.isExpress
ion)(e))throw new Error(`cannot turn ${e.type} to an expression`);return e};var n=r(2)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=o;var n=r(2),i=a(r(14)),s=a(r(93));function
a(e){return e&&e.__esModule?:{default:e}}function o(e,t=e.key){let
r;return"method"===e.kind?o.increment()+"":(r=(0,n.isIdentifier)(t)?t.name:(0,n.isStringLiteral)(t)?JSON.stringify(t
.value):JSON.stringify((0,s.default)((0,i.default)(t))),e.computed&&(r=`[${r}]`),e.static&&(r="static:"+r),r)}o.uid=0
,o.increment=function(){return o.uid>=Number.MAX_SAFE_INTEGER?o.uid=0:o.uid++}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){if(!null===e?void
0:e.length))return;const r=[],n=(0,i.default)(e,t,r);if(!n)return;for(const e of r)t.push(e);return n};var
n,i=(n=r(235))&&n.__esModule?:{default:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function e(t,r,o){const l=[];let c=!0;for(const p
of t)if((0,i.isEmptyStatement)(p)||c=!1,(0,i.isExpression)(p))l.push(p);else
if((0,i.isExpressionStatement)(p))l.push(p.expression);else
if((0,i.isVariableDeclaration)(p)){if("var"!==p.kind)return;for(const e of p.declarations){const
t=(0,n.default)(e);for(const e of
Object.keys(t))o.push({kind:p.kind,id:(0,a.default)(t[e])});e.init&&l.push((0,s.assignmentExpression)("=",e.id,e.init
))}c=!0}else if((0,i.isIfStatement)(p)){const
t=p.consequent?e([p.consequent],r,o):r.buildUndefinedNode(),n=p.alternate?e([p.alternate],r,o):r.buildUndefinedNo
de();if(!t||!n)return;l.push((0,s.conditionalExpression)(p.test,t,n))}else if((0,i.isBlockStatement)(p)){const
t=e(p.body,r,o);if(!t)return;l.push(t)}else if(!(0,i.isEmptyStatement)(p))return;0===t.indexOf(p)&&(c=!0)}c&&l.pu
sh(r.buildUndefinedNode());return 1===l.length?![0):(0,s.sequenceExpression)(l)};var
n=o(r(35)),i=r(2),s=r(4),a=o(r(14));function o(e){return e&&e.__esModule?:{default:e}}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){if((0,n.isStatement)(e))return e;let
r,s=!1;if((0,n.isClass)(e))s=!0,r="ClassDeclaration";else if((0,n.isFunction)(e))s=!0,r="FunctionDeclaration";else
if((0,n.isAssignmentExpression)(e))return(0,i.expressionStatement)(e);s&&!e.id&&(r=!1);if(!r){if(t)return!1;throw
new Error(`cannot turn ${e.type} to a statement`)}return e.type=r,e};var n=r(2),i=r(4)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function e(t){if(void
0===t)return(0,a.identifier)("undefined");if(!0===t||1===t)return(0,a.booleanLiteral)(t);if(null===t)return(0,a.nullL
iteral)();if("string"===typeof t)return(0,a.stringLiteral)(t);if("number"===typeof t){let
e;if(Number.isFinite(t))e=(0,a.numericLiteral)(Math.abs(t));else {let
r;r=Number.isNaN(t)?(0,a.numericLiteral)(0):(0,a.numericLiteral)(1),e=(0,a.binaryExpression)("/",r,(0,a.numericLit
eral)(0))}return(t<0||Object.is(t,-0))&&(e=(0,a.unaryExpression)("-",e)),e}if((0,i.default)(t)){const
e=t.source,r=t.toString().match(/^[a-
z+)]$/[1];return(0,a.regExpLiteral)(e,r)}if(Array.isArray(t))return(0,a.arrayExpression)(t.map(e));if((0,n.default)(t
)){const r=[];for(const n of Object.keys(t)){let
i;i=(0,s.default)(n)?(0,a.identifier)(n):(0,a.stringLiteral)(n),r.push((0,a.objectProperty)(i,e(t[n])))}return(0,a.objectEx
pression)(r)}throw new Error("don't know how to turn this value into a node");};var

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n=o(r(238)),i=o(r(239)),s=o(r(23)),a=r(4);function o(e){return
e&&e.__esModule?:{default:e}},function(e,t,r){var
n=r(18),i=r(47),s=r(12),a=Function.prototype,o=Object.prototype,l=a.toString,c=o.hasOwnProperty,p=l.call(Object)
;e.exports=function(e){if(!s(e)||"[object Object]"!==n(e))return!1;var t=i(e);if(null===t)return!0;var
r=c.call(t,"constructor")&&t.constructor;return"function"===typeof r&&r instanceof
r&&l.call(r)===p}},function(e,t,r){var
n=r(240),i=r(32),s=r(33),a=s&&s.isRegExp,o=a?i(a):n;e.exports=o},function(e,t,r){var
n=r(18),i=r(12);e.exports=function(e){return i(e)&&"[object RegExp]"===n(e)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r=!1){return
e.object=(0,n.memberExpression)(e.object,e.property,e.computed),e.property=t,e.computed=!r,e};var
n=r(4)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){if(!e||t)return e;for(const r of
i.INHERIT_KEYS.optional)null===e[r]&&(e[r]=t[r]);for(const r of
Object.keys(t))"_===r[0]&&"__clone"!==r&&(e[r]=t[r]);for(const r of
i.INHERIT_KEYS.force)e[r]=t[r];return(0,s.default)(e,t,e);var
n,i=r(13),s=(n=r(89))&&n.__esModule?n:{default:n}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){return
e.object=(0,n.memberExpression)(t,e.object),e};var n=r(4)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){return(0,i.default)(e,t,!0)};var
n,i=(n=r(35))&&n.__esModule?n:{default:n}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){"function"===typeof
t&&(t={enter:t});const{enter:i,exit:s}=t;!function e(t,r,i,s,a){const
o=n.VISITOR_KEYS[t.type];if(!o)return;r&&r(t,a,s);for(const n of o){const o=t[n];if(Array.isArray(o))for(let
l=0;l<o.length;l++){const c=o[l];c&&(a.push({node:t,key:n,index:l}),e(c,r,i,s,a),a.pop())}else
o&&(a.push({node:t,key:n}),e(o,r,i,s,a),a.pop())}i&&i(t,a,s)}(e,i,s,r,[]);var n=r(5)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){if(r&&"Identifier"===e.type&&"
ObjectProperty"===t.type&&"ObjectExpression"===r.type)return!1;const n=i.default.keys[t.type];if(n)for(let
r=0;r<n.length;r++){const i=n[r],s=t[i];if(Array.isArray(s)){if(s.indexOf(e)>=0)return!0}else
if(s===e)return!0}return!1};var n,i=(n=r(35))&&n.__esModule?n:{default:n}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,i.isFunctionDeclaration)(e)||
(0,i.isClassDeclaration)(e)||(0,s.default)(e)};var
n,i=r(2),s=(n=r(96))&&n.__esModule?n:{default:n}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){if((0,i.default)(e.type,"Immutable"))
return!0;if((0,s.isIdentifier)(e))return"undefined"===e.name;return!1};var
n,i=(n=r(51))&&n.__esModule?n:{default:n},s=r(2)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function e(t,r){if("object"!==typeof
t||"object"!==typeof r||null===t||null===r)return t===r;if(t.type!==r.type)return!1;const
i=Object.keys(n.NODE_FIELDS[t.type]|t.type),s=n.VISITOR_KEYS[t.type];for(const n of i){if(typeof
t[n]!==typeof
r[n])return!1;if(null!==t[n]||null!==r[n]){if(null===t[n]||null===r[n])return!1;if(Array.isArray(t[n])){if(!Array.isArray(r[n])
)return!1;if(t[n].length!==r[n].length)return!1;for(let i=0;i<t[n].length;i++)if(!e(t[n][i],r[n][i]))return!1}else
if("object"!==typeof t[n]||((null===s?void 0:s.includes(n)))&&(!e(t[n],r[n])))return!1}else for(const e of
Object.keys(t[n])if(t[n][e]!==r[n][e])return!1}}return!0};var n=r(5)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){switch(t.type){case"MemberExpr
ession":case"JSXMemberExpression":case"OptionalMemberExpression":return
t.property===e?!t.computed:t.object===e;case"VariableDeclarator":return
t.init===e;case"ArrowFunctionExpression":return
t.body===e;case"ExportSpecifier":return!t.source&&t.local===e;case"PrivateName":return!1;case"ClassMethod":c

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ase"ClassPrivateMethod":case"ObjectMethod":if(t.params.includes(e))return!1;case"ObjectProperty":case"ClassPro
perty":case"ClassPrivateProperty":return
t.key===e?!t.computed:t.value!==e||(!r||"ObjectPattern"!==r.type);case"ClassDeclaration":case"ClassExpression":r
eturn t.superClass===e;case"AssignmentExpression":case"AssignmentPattern":return
t.right===e;case"LabeledStatement":case"CatchClause":case"RestElement":return!1;case"BreakStatement":case"Co
ntinueStatement":return!1;case"FunctionDeclaration":case"FunctionExpression":return!1;case"ExportNamespaceSp
ecifier":case"ExportDefaultSpecifier":return!1;case"ImportDefaultSpecifier":case"ImportNamespaceSpecifier":case
"ImportSpecifier":case"JSXAttribute":return!1;case"ObjectPattern":case"ArrayPattern":case"MetaProperty":return!
1;case"ObjectTypeProperty":return t.key!==e;case"TSEnumMember":return
t.id!==e;case"TSPropertySignature":return t.key!==e||!t.computed}return!0}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){if((0,n.isBlockStatement)(e)&&((0
,n.isFunction)(t)||((0,n.isCatchClause)(t)))return!1;if((0,n.isPattern)(e)&&((0,n.isFunction)(t)||((0,n.isCatchClause)(t)))
return!0;return(0,n.isScopable)(e)};var n=r(2)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,n.isImportDefaultSpecifier
(e)||((0,n.isIdentifier)(e.imported||e.exported,{name:"default"}))};var n=r(2)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,i.default)(e)&&!s.has(e)};v
ar n,i=(n=r(23))&&n.__esModule?n:{default:n};const s=new
Set(["abstract","boolean","byte","char","double","enum","final","float","goto","implements","int","interface","long
","native","package","private","protected","public","short","static","synchronized","throws","transient","volatile"]);f
unction(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,n.isVariableDeclaration)(e,
{kind:"var"})&&!e[i.BLOCK_SCOPED_SYMBOL]};var n=r(2),i=r(13)},function(e,t,r){"undefined"===typeof
process||"renderer"===process.type||!0===process.browser||process.__nwjs?e.exports=r(256):e.exports=r(258)},func
tion(e,t,r){t.log=function(...e){return"object"===typeof
console&&console.log&&console.log(...e)},t.formatArgs=function(t){if(t[0]=(this.useColors?"%c:"")+this.namesp
ace+(this.useColors?"%c:"")+t[0]+(this.useColors?"%c ":"
")+"+"+e.exports.humanize(this.diff,!this.useColors)return;const r="color: "+this.color;t.splice(1,0,r,"color:
inherit");let n=0,i=0;t[0].replace(/%[a-zA-
Z%]/g,e=>{"% "%!===e&&(n++,"%c"===e&&(i=n)}),t.splice(i,0,r),t.save=function(e){try{e?t.storage.setItem("de
bug",e):t.storage.removeItem("debug")}catch(e){}},t.load=function(){let
e;try{e=t.storage.getItem("debug")}catch(e){!e&&"undefined"!==typeof process&&"env"in
process&&(e=process.env.DEBUG);return e},t.useColors=function(){if("undefined"!==typeof
window&&window.process&&("renderer"===window.process.type||window.process.__nwjs))return!0;if("undefine
d"!==typeof
navigator&&navigator.userAgent&&navigator.userAgent.toLowerCase().match(/(edge|trident)/(\d+)/))return!1;retu
rn"undefined"!==typeof
document&&document.documentElement&&document.documentElement.style&&document.documentElement.sty
le.WebkitAppearance||"undefined"!==typeof
window&&window.console&&(window.console.firebug||window.console.exception&&window.console.table)||"un
defined"!==typeof
navigator&&navigator.userAgent&&navigator.userAgent.toLowerCase().match(/firefox/(\d+)/)&&parseInt(RegEx
p.$1,10)>=31||"undefined"!==typeof
navigator&&navigator.userAgent&&navigator.userAgent.toLowerCase().match(/applewebkit/(\d+)/)},t.storage=fun
ction(){try{return
localStorage}catch(e){}}(),t.colors=["#0000CC","#0000FF","#0033CC","#0033FF","#0066CC","#0066FF","#0099
CC","#0099FF","#00CC00","#00CC33","#00CC66","#00CC99","#00CCCC","#00CCFF","#3300CC","#3300FF","#
3333CC","#3333FF","#3366CC","#3366FF","#3399CC","#3399FF","#33CC00","#33CC33","#33CC66","#33CC9
9","#33CCCC","#33CCFF","#6600CC","#6600FF","#6633CC","#6633FF","#66CC00","#66CC33","#9900CC","#9

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900FF", "#9933CC", "#9933FF", "#99CC00", "#99CC33", "#CC0000", "#CC0033", "#CC0066", "#CC0099", "#CC00C
C", "#CC00FF", "#CC3300", "#CC3333", "#CC3366", "#CC3399", "#CC33CC", "#CC33FF", "#CC6600", "#CC6633",
"#CC9900", "#CC9933", "#CCCC00", "#CCCC33", "#FF0000", "#FF0033", "#FF0066", "#FF0099", "#FF00CC", "#FF0
FF", "#FF3300", "#FF3333", "#FF3366", "#FF3399", "#FF33CC", "#FF33FF", "#FF6600", "#FF6633", "#FF9900", "#FF
9933", "#FFCC00", "#FFCC33"], e.exports=r(97)(t);const{formatters:n}=e.exports;n.j=function(e){try{return
JSON.stringify(e)}catch(e){return"[UnexpectedJSONParseError]: "+e.message}}},function(e,t){var
r=1e3,n=6e4,i=60*n,s=24*i;function a(e,t,r,n){var i=t>=1.5*r;return Math.round(e/r)+
"+n+(i?"s":"")}e.exports=function(e,t){t=t||{};var o=typeof e;if("string"===o&&e.length>0)return
function(e){if((e=String(e)).length>100)return;var t=/^(?:(?:\d+)?\.\d+
*(milliseconds?|msecs?|ms|seconds?|secs?|s|minutes?|mins?|m|hours?|hrs?|h|days?|d|weeks?|w|years?|yrs?|y)?$/i.exec
(e);if(!t)return;var
a=parseFloat(t[1]);switch((t[2]||"ms").toLowerCase()){case"years":case"year":case"yrs":case"yr":case"y":return
315576e5*a;case"weeks":case"week":case"w":return 6048e5*a;case"days":case"day":case"d":return
a*s;case"hours":case"hour":case"hrs":case"hr":case"h":return
a*i;case"minutes":case"minute":case"mins":case"min":case"m":return
a*n;case"seconds":case"second":case"secs":case"sec":case"s":return
a*r;case"milliseconds":case"millisecond":case"msecs":case"msec":case"ms":return
a;default:return}}(e);if("number"===o&&isFinite(e))return t.long?function(e){var t=Math.abs(e);if(t>=s)return
a(e,t,s,"day");if(t>=i)return a(e,t,i,"hour");if(t>=n)return a(e,t,n,"minute");if(t>=r)return a(e,t,r,"second");return e+"
ms"}(e):function(e){var t=Math.abs(e);if(t>=s)return Math.round(e/s)+"d";if(t>=i)return
Math.round(e/i)+"h";if(t>=n)return Math.round(e/n)+"m";if(t>=r)return Math.round(e/r)+"s";return
e+"ms"}(e);throw new Error("val is not a non-empty string or a valid number.
val="+JSON.stringify(e))},function(e,t,r){const n=r(98),i=r(259);t.init=function(e){e.inspectOpts={};const
r=Object.keys(t.inspectOpts);for(let
n=0;n<r.length;n++)e.inspectOpts[r[n]]=t.inspectOpts[r[n]];t.log=function(...e){return
process.stderr.write(i.format(...e)+"\n")},t.formatArgs=function(r){const{namespace:n,useColors:i}=this;if(i){const
t=this.color,i=" [3"+(t<8?t:"8;5;"")+t,s=` $i`;1m${n}
[0m`;r[0]=s+r[0].split("\n").join("\n"+s),r.push(i+"m"+e.exports.humanize(this.diff)+" [0m")}else
r[0]=function(){if(t.inspectOpts.hideDate)return"";return(new Date).toISOString()+" "+i)+n+"
"+r[0]},t.save=function(e){e?process.env.DEBUG=e:delete process.env.DEBUG},t.load=function(){return
process.env.DEBUG},t.useColors=function(){return"colors"in
t.inspectOpts?Boolean(t.inspectOpts.colors):n.isatty(process.stderr.fd)},t.colors=[6,2,3,4,5,1];try{const
e=r(260);e&&(e.stderr||e).level>=2&&(t.colors=[20,21,26,27,32,33,38,39,40,41,42,43,44,45,56,57,62,63,68,69,74,7
5,76,77,78,79,80,81,92,93,98,99,112,113,128,129,134,135,148,149,160,161,162,163,164,165,166,167,168,169,170,
171,172,173,178,179,184,185,196,197,198,199,200,201,202,203,204,205,206,207,208,209,214,215,220,221])}catch
(e){t.inspectOpts=Object.keys(process.env).filter(e=>/^debug_/i.test(e)).reduce((e,t)=>{const
r=t.substring(6).toLowerCase().replace(/_([a-z])/g,(e,t)=>t.toUpperCase());let n=process.env[t];return
n=!/^^(yes|on|true|enabled)$/i.test(n)||/^^(no|off|false|disabled)$/i.test(n)&&("null"===n?null:Number(n)),e[r]=n,e},
{}),e.exports=r(97)(t);const{formatters:s}=e.exports;s.o=function(e){return
this.inspectOpts.colors=this.useColors,i.inspect(e,this.inspectOpts).replace(/\s*\n\s*/g," ")}s.o=function(e){return
this.inspectOpts.colors=this.useColors,i.inspect(e,this.inspectOpts)}},function(e,t){e.exports=require("util")},functi
on(e,t,r){"use strict";const n=r(99),i=r(98),s=r(261),{env:a}=process;let o;function l(e){return
0!==e&&{level:e,hasBasic:!0,has256:e>=2,has16m:e>=3}}function c(e,t){if(0===o)return
0;if(s("color=16m")||s("color=full")||s("color=truecolor"))return 3;if(s("color=256"))return 2;if(e&&!t&&void
0===o)return 0;const r=o||0;if("dumb"===a.TERM)return r;if("win32"===process.platform){const
e=n.release().split(".");return Number(e[0])>=10&&Number(e[2])>=10586?Number(e[2])>=14931?3:2:1}if("CI" in
a)return["TRAVIS","CIRCLECI","APPVEYOR","GITLAB_CI"].some(e=>e in
a)||"codeship"===a.CI_NAME?1:r;if("TEAMCITY_VERSION" in a)return/^(9)\.(0*[1-
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9][d*).\|d{2,}\.)/.test(a.TEAMCITY_VERSION)?1:0;if("GITHUB_ACTIONS" in a)return
1;if("truecolor"===a.COLORTERM)return 3;if("TERM_PROGRAM" in a){ const
e=parseInt((a.TERM_PROGRAM_VERSION||"").split(".")[0],10);switch(a.TERM_PROGRAM){ case"iTerm.app":
return e>=3?3:2;case"Apple_Terminal":return 2 } }return/-
256(color)?$/i.test(a.TERM)?2:/^screen|^xterm|^vt100|^vt220|^rxvt|color|ansi|cygwin|linux/i.test(a.TERM)||"COLO
RTERM" in a?1:r}s("no-color")||s("no-
colors")||s("color=false")||s("color=never")?o=0:(s("color")||s("colors")||s("color=true")||s("color=always"))&&(o=1)
,"FORCE_COLOR" in
a&&(o="true"===a.FORCE_COLOR?1:"false"===a.FORCE_COLOR?0:0===a.FORCE_COLOR.length?1:Math.
min(parseInt(a.FORCE_COLOR,10),3)),e.exports={ supportsColor:function(e){ return
l(c(e,e&&e.isTTY)),stdout:l(c(!0,i.isatty(1))),stderr:l(c(!0,i.isatty(2))) } },function(e,t,r){ "use
strict";e.exports=(e,t=process.argv)=>{ const r=e.startsWith("-")?"":1===e.length?"-":"--
",n=t.indexOf(r+e),i=t.indexOf("--");return-1!==n&&(-1===i||n<i) } },function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=void 0;s(r(101));var
n=s(r(263));!function(e){ if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{ default:e };var t=i();if(t&&t.has(e))return t.get(e);var
r={ },n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)) { var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get|a.set)?Object.defineProperty(r,s,a):r[s]=e[s]r.default=e
,t&&t.set(e,r)}(r(0));function i(){ if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){ return e },e }function s(e){ return e&&e.__esModule?e:{ default:e } }const
a={ ReferencedIdentifier({ node:e },t){ e.name===t.oldName&&(e.name=t.newName) },Scope(e,t){ e.scope.bindingId
entifierEquals(t.oldName,t.binding.identifier)||e.skip() },AssignmentExpression|Declaration|VariableDeclarator"(e,t)
{ if(e.isVariableDeclaration())return;const r=e.getOuterBindingIdentifiers();for(const e in
r)e===t.oldName&&(r[e].name=t.newName) } };t.default=class{ constructor(e,t,r){ this.newName=r,this.oldName=t,t
his.binding=e } maybeConvertFromExportDeclaration(e){ const
t=e.parentPath;t.isExportDeclaration()&&(t.isExportDefaultDeclaration()&&!t.get("declaration").node.id||(0,n.defau
lt)(t)) } maybeConvertFromClassFunctionDeclaration(e){ } maybeConvertFromClassFunctionExpression(e){ } rename(
e){ const{ binding:t,oldName:r,newName:n }=this,{ scope:i,path:s }=t,o=s.find(e=>e.isDeclaration()||e.isFunctionExpr
ession()||e.isClassExpression());if(o){ o.getOuterBindingIdentifiers()[r]===t.identifier&&this.maybeConvertFromEx
portDeclaration(o) } i.traverse(e||i.block,a,this),e||i.removeOwnBinding(r),i.bindings[n]=t,this.binding.identifier.nam
e=n,t.type,o&&(this.maybeConvertFromClassFunctionDeclaration(o),this.maybeConvertFromClassFunctionExpres
sion(o)) } },function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e){ if(!e.isExportDeclaration())throw
new Error("Only export declarations can be split.");const
t=e.isExportDefaultDeclaration(),r=e.get("declaration"),i=r.isClassDeclaration();if(t){ const
t=r.isFunctionDeclaration()||i,s=r.isScope()?r.scope.parent:r.scope;let
a=r.node.id,o=!1;a||(o=!0,a=s.generateUidIdentifier("default"),(t||r.isFunctionExpression()||r.isClassExpression())&
&(r.node.id=n.cloneNode(a)));const
l=t?r.variableDeclaration("var",[n.variableDeclarator(n.cloneNode(a),r.node)],c=n.exportNamedDeclaration(null,
[n.exportSpecifier(n.cloneNode(a),n.identifier("default"))]);return
e.insertAfter(c),e.replaceWith(l,o&&s.registerDeclaration(e),e)if(e.get("specifiers").length>0)throw new Error("It
doesn't make sense to split exported specifiers.");const
s=r.getOuterBindingIdentifiers(),a=Object.keys(s).map(e=>n.exportSpecifier(n.identifier(e),n.identifier(e))),o=n.exp
ortNamedDeclaration(null,a);return e.insertAfter(o),e.replaceWith(r.node),e };var
n=function(e){ if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{ default:e };var t=i();if(t&&t.has(e))return t.get(e);var
r={ },n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in

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e)if(Object.prototype.hasOwnProperty.call(e,s)){ var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get|a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(20));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e}},function(e,t,r){ "use
strict";Object.defineProperty(t, "__esModule", { value: !0}),t.default=void 0;var
n=(0,r(102).default)("React.Component");t.default=n},function(e,t,r){ "use
strict";Object.defineProperty(t, "__esModule", { value: !0}),t.default=function(e){return!!e&&/^[a-
z]/.test(e)}},function(e,t,r){ "use
strict";Object.defineProperty(t, "__esModule", { value: !0}),t.default=function(e){const t=[];for(let
r=0;r<e.children.length;r++){let
s=e.children[r];(0,n.isJSXText)(s)?(0,i.default)(s,t):((0,n.isJSXExpressionContainer)(s)&&(s=s.expression),(0,n.isJS
XEmptyExpression)(s)|t.push(s))return t};var n=r(1),i=r(267)},function(e,t,r){ "use
strict";Object.defineProperty(t, "__esModule", { value: !0}),t.default=function(e,t){const r=e.value.split(/\r\n|\n\r/);let
i=0;for(let e=0;e<r.length;e++)r[e].match(/[\t]/)&&(i=e);let s="";for(let e=0;e<r.length;e++){const
t=r[e],n=0===e,a=e===r.length-1,o=e===i;let l=t.replace(/\t/g, " ");n||(l=l.replace(/^[ ]+/, "")),a||(l=l.replace(/[
]+$/, "")),l&&(o||(l+=" "),s+=l)}s&&t.push((0,n.stringLiteral)(s));var n=r(3)},function(e,t,r){ "use
strict";Object.defineProperty(t, "__esModule", { value: !0}),t.default=function(e,...t){const
r=n.BUILDER_KEYS[e],s=t.length;if(s>r.length)throw new Error(`$ {e}: Too many arguments passed. Received
$ {s} but can receive no more than $ {r.length}`);const a={ type: e };let o=0;r.forEach(r=>{ const
i=n.NODE_FIELDS[e][r];let l;o<s&&(l=t[o]),void
0===l&&(l=Array.isArray(i.default)?[i.default],a[r]=l,o++));for(const e of
Object.keys(a))(0,i.default)(a,e,a[e]);return a};var n=r(6),i=r(57)},function(e,t,r){ "use strict";var n=r(10);const
i=(e,t="TypeParameterDeclaration")=>{(0,n.default)(e,{ builder: ["id", "typeParameters", "extends", "body"], visitor: ["i
d", "typeParameters", "extends", "mixins", "implements", "body"], aliases: ["Flow", "FlowDeclaration", "Statement", "Dec
laration"], fields: { id: (0,n.validateType)("Identifier"), typeParameters: (0,n.validateOptionalType)(t), extends: (0,n.valid
ateOptional)((0,n.arrayOfType)("InterfaceExtends")), mixins: (0,n.validateOptional)((0,n.arrayOfType)("InterfaceExt
ends")), implements: (0,n.validateOptional)((0,n.arrayOfType)("ClassImplements")), body: (0,n.validateType)("Object
TypeAnnotation") } });(0,n.default)("AnyTypeAnnotation", { aliases: ["Flow", "FlowType", "FlowBaseAnnotation"] }),
(0,n.default)("ArrayTypeAnnotation", { visitor: ["elementType"], aliases: ["Flow", "FlowType"], fields: { elementType: (0
,n.validateType)("FlowType") } }),(0,n.default)("BooleanTypeAnnotation", { aliases: ["Flow", "FlowType", "FlowBase
Annotation"] }),(0,n.default)("BooleanLiteralTypeAnnotation", { builder: ["value"], aliases: ["Flow", "FlowType"], field
s: { value: (0,n.validate)((0,n.assertValueType)("boolean")) } }),(0,n.default)("NullLiteralTypeAnnotation", { aliases: ["F
low", "FlowType", "FlowBaseAnnotation"] }),(0,n.default)("ClassImplements", { visitor: ["id", "typeParameters"], aliase
s: ["Flow"], fields: { id: (0,n.validateType)("Identifier"), typeParameters: (0,n.validateOptionalType)("TypeParameterIns
tantiation") } }),i("DeclareClass"),(0,n.default)("DeclareFunction", { visitor: ["id"], aliases: ["Flow", "FlowDeclaration", "
Statement", "Declaration"], fields: { id: (0,n.validateType)("Identifier"), predicate: (0,n.validateOptionalType)("Declared
Predicate") } }),i("DeclareInterface"),(0,n.default)("DeclareModule", { builder: ["id", "body", "kind"], visitor: ["id", "body
"], aliases: ["Flow", "FlowDeclaration", "Statement", "Declaration"], fields: { id: (0,n.validateType)(["Identifier", "StringL
iteral"]), body: (0,n.validateType)("BlockStatement"), kind: (0,n.validateOptional)((0,n.assertOneOf)("CommonJS", "E
S")) } }),(0,n.default)("DeclareModuleExports", { visitor: ["typeAnnotation"], aliases: ["Flow", "FlowDeclaration", "State
ment", "Declaration"], fields: { typeAnnotation: (0,n.validateType)("TypeAnnotation") } }),(0,n.default)("DeclareTypeA
lias", { visitor: ["id", "typeParameters", "right"], aliases: ["Flow", "FlowDeclaration", "Statement", "Declaration"], fields: { i
d: (0,n.validateType)("Identifier"), typeParameters: (0,n.validateOptionalType)("TypeParameterDeclaration"), right: (0,
n.validateType)("FlowType") } }),(0,n.default)("DeclareOpaqueType", { visitor: ["id", "typeParameters", "supertype"], al
iases: ["Flow", "FlowDeclaration", "Statement", "Declaration"], fields: { id: (0,n.validateType)("Identifier"), typeParamet
ers: (0,n.validateOptionalType)("TypeParameterDeclaration"), supertype: (0,n.validateOptionalType)("FlowType") } })
,(0,n.default)("DeclareVariable", { visitor: ["id"], aliases: ["Flow", "FlowDeclaration", "Statement", "Declaration"], fields:
{ id: (0,n.validateType)("Identifier") } }),(0,n.default)("DeclareExportDeclaration", { visitor: ["declaration", "specifiers",

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"source"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields:{ declaration:(0,n.validateOptionalType)("Flow"),specifiers:(0,n.validateOptional)((0,n.arrayOfType)("ExportSpecifier","ExportNamespaceSpecifier")),source:(0,n.validateOptionalType)("StringLiteral"),default:(0,n.validateOptional)((0,n.assertValueType)("boolean"))}), (0,n.default)("DeclareExportAllDeclaration",{ visitor:["source"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields:{ source:(0,n.validateType)("StringLiteral"),exportKind:(0,n.validateOptional)((0,n.assertOneOf)("type","value"))}), (0,n.default)("DeclaredPredicate",{ visitor:["value"],aliases:["Flow","FlowPredicate"],fields:{ value:(0,n.validateType)("Flow")}), (0,n.default)("ExistsTypeAnnotation",{ aliases:["Flow","FlowType"]}), (0,n.default)("FunctionTypeAnnotation",{ visitor:["typeParameters","params","rest","returnType"],aliases:["Flow","FlowType"],fields:{ typeParameters:(0,n.validateOptionalType)("TypeParameterDeclaration"),params:(0,n.validate)((0,n.arrayOfType)("FunctionTypeParam")),rest:(0,n.validateOptionalType)("FunctionTypeParam"),this:(0,n.validateOptionalType)("FunctionTypeParam"),returnType:(0,n.validateType)("FlowType")}), (0,n.default)("FunctionTypeParam",{ visitor:["name","typeAnnotation"],aliases:["Flow"],fields:{ name:(0,n.validateOptionalType)("Identifier"),typeAnnotation:(0,n.validateType)("FlowType"),optional:(0,n.validateOptional)((0,n.assertValueType)("boolean"))}), (0,n.default)("GenericTypeAnnotation",{ visitor:["id","typeParameters"],aliases:["Flow","FlowType"],fields:{ id:(0,n.validateType)("Identifier","QualifiedTypeIdentifier"),typeParameters:(0,n.validateOptionalType)("TypeParameterInstantiation")}), (0,n.default)("InferredPredicate",{ aliases:["Flow","FlowPredicate"]}), (0,n.default)("InterfaceExtends",{ visitor:["id","typeParameters"],aliases:["Flow"],fields:{ id:(0,n.validateType)("Identifier","QualifiedTypeIdentifier"),typeParameters:(0,n.validateOptionalType)("TypeParameterInstantiation")}),i("InterfaceDeclaration"),(0,n.default)("InterfaceTypeAnnotation",{ visitor:["extends","body"],aliases:["Flow","FlowType"],fields:{ extends:(0,n.validateOptional)((0,n.arrayOfType)("InterfaceExtends")),body:(0,n.validateType)("ObjectTypeAnnotation")}), (0,n.default)("IntersectionTypeAnnotation",{ visitor:["types"],aliases:["Flow","FlowType"],fields:{ types:(0,n.validate)((0,n.arrayOfType)("FlowType"))}), (0,n.default)("MixedTypeAnnotation",{ aliases:["Flow","FlowType","FlowBaseAnnotation"]}), (0,n.default)("EmptyTypeAnnotation",{ aliases:["Flow","FlowType","FlowBaseAnnotation"]}), (0,n.default)("NullableTypeAnnotation",{ visitor:["typeAnnotation"],aliases:["Flow","FlowType"],fields:{ typeAnnotation:(0,n.validateType)("FlowType")}), (0,n.default)("NumberLiteralTypeAnnotation",{ builder:["value"],aliases:["Flow","FlowType"],fields:{ value:(0,n.validate)((0,n.assertValueType)("number"))}), (0,n.default)("NumberTypeAnnotation",{ aliases:["Flow","FlowType","FlowBaseAnnotation"]}), (0,n.default)("ObjectTypeAnnotation",{ visitor:["properties","indexers","callProperties","internalSlots"],aliases:["Flow","FlowType"],builder:["properties","indexers","callProperties","internalSlots","exact"],fields:{ properties:(0,n.validate)((0,n.arrayOfType)("ObjectTypeProperty","ObjectTypeSpreadProperty")),indexers:(0,n.validateOptional)((0,n.arrayOfType)("ObjectTypeIndexer")),callProperties:(0,n.validateOptional)((0,n.arrayOfType)("ObjectTypeCallProperty")),internalSlots:(0,n.validateOptional)((0,n.arrayOfType)("ObjectTypeInternalSlot")),exact:{ validate:(0,n.assertValueType)("boolean"),default:!1},inexact:(0,n.validateOptional)((0,n.assertValueType)("boolean"))}), (0,n.default)("ObjectTypeInternalSlot",{ visitor:["id","value","optional","static","method"],aliases:["Flow","UserWhitespacable"],fields:{ id:(0,n.validateType)("Identifier"),value:(0,n.validateType)("FlowType"),optional:(0,n.validate)((0,n.assertValueType)("boolean")),static:(0,n.validate)((0,n.assertValueType)("boolean")),method:(0,n.validate)((0,n.assertValueType)("boolean"))}), (0,n.default)("ObjectTypeCallProperty",{ visitor:["value"],aliases:["Flow","UserWhitespacable"],fields:{ value:(0,n.validateType)("FlowType"),static:(0,n.validate)((0,n.assertValueType)("boolean"))}), (0,n.default)("ObjectTypeIndexer",{ visitor:["id","key","value","variance"],aliases:["Flow","UserWhitespacable"],fields:{ id:(0,n.validateOptionalType)("Identifier"),key:(0,n.validateType)("FlowType"),value:(0,n.validateType)("FlowType"),static:(0,n.validate)((0,n.assertValueType)("boolean")),variance:(0,n.validateOptionalType)("Variance")}), (0,n.default)("ObjectTypeProperty",{ visitor:["key","value","variance"],aliases:["Flow","UserWhitespacable"],fields:{ key:(0,n.validateType)("Identifier","StringLiteral"),value:(0,n.validateType)("FlowType"),kind:(0,n.validate)((0,n.assertOneOf)("init","get","set")),static:(0,n.validate)((0,n.assertValueType)("boolean")),proto:(0,n.validate)((0,n.assertValueType)("boolean")),optional:(0,n.validate)((0,n.assertValueType)("boolean")),variance:(0,n.validateOptionalType)("Variance"),method:(0,n.validate)((0,n.assertValueType)("boolean"))}), (0,n.default)("ObjectTypeSpreadProperty",{ visitor:["argument"],aliases:["Flow","UserWhitespacable"],fields:{ argument:(0,n.validateType)("FlowType")}), (0,n.default)("OpaqueType",{ visitor:["id","typeParameters","supertype","impltype"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields:{ id:(0,n.validate

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ateType)("Identifier"),typeParameters:(0,n.validateOptionalType)("TypeParameterDeclaration"),supertype:(0,n.validateOptionalType)("FlowType"),impltype:(0,n.validateType)("FlowType"))},(0,n.default)("QualifiedTypeIdentifier",{visitor:["id","qualification"],aliases:["Flow"],fields:{id:(0,n.validateType)("Identifier"),qualification:(0,n.validateType)("Identifier","QualifiedTypeIdentifier")}},(0,n.default)("StringLiteralTypeAnnotation",{builder:["value"],aliases:["Flow","FlowType"],fields:{value:(0,n.validate)((0,n.assertValueType)("string"))}},(0,n.default)("StringTypeAnnotation",{aliases:["Flow","FlowType","FlowBaseAnnotation"]}),0,n.default)("SymbolTypeAnnotation",{aliases:["Flow","FlowType","FlowBaseAnnotation"]}),0,n.default)("ThisTypeAnnotation",{aliases:["Flow","FlowType","FlowBaseAnnotation"]}),0,n.default)("TupleTypeAnnotation",{visitor:["types"],aliases:["Flow","FlowType"],fields:{types:(0,n.validate)((0,n.arrayOfType)("FlowType"))}},(0,n.default)("TypeofTypeAnnotation",{visitor:["argument"],aliases:["Flow","FlowType"],fields:{argument:(0,n.validateType)("FlowType")}},(0,n.default)("TypeAlias",{visitor:["id","typeParameters","right"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields:{id:(0,n.validateType)("Identifier"),typeParameters:(0,n.validateOptionalType)("TypeParameterDeclaration"),right:(0,n.validateType)("FlowType")}},(0,n.default)("TypeAnnotation",{aliases:["Flow"],visitor:["typeAnnotation"],fields:{typeAnnotation:(0,n.validateType)("FlowType")}},(0,n.default)("TypeCastExpression",{visitor:["expression","typeAnnotation"],aliases:["Flow","ExpressionWrapper","Expression"],fields:{expression:(0,n.validateType)("Expression"),typeAnnotation:(0,n.validateType)("TypeAnnotation")}},(0,n.default)("TypeParameter",{aliases:["Flow"],visitor:["bound","default","variance"],fields:{name:(0,n.validate)((0,n.assertValueType)("string")),bound:(0,n.validateOptionalType)("TypeAnnotation"),default:(0,n.validateOptionalType)("FlowType"),variance:(0,n.validateOptionalType)("Variance")}},(0,n.default)("TypeParameterDeclaration",{aliases:["Flow"],visitor:["params"],fields:{params:(0,n.validate)((0,n.arrayOfType)("TypeParameter"))}},(0,n.default)("TypeParameterInstantiation",{aliases:["Flow"],visitor:["params"],fields:{params:(0,n.validate)((0,n.arrayOfType)("FlowType"))}},(0,n.default)("UnionTypeAnnotation",{visitor:["types"],aliases:["Flow","FlowType"],fields:{types:(0,n.validate)((0,n.arrayOfType)("FlowType"))}},(0,n.default)("Variance",{aliases:["Flow"],builder:["kind"],fields:{kind:(0,n.validate)((0,n.assertOneOf)("minus","plus"))}},(0,n.default)("VoidTypeAnnotation",{aliases:["Flow","FlowType","FlowBaseAnnotation"]}),0,n.default)("EnumDeclaration",{aliases:["Statement","Declaration"],visitor:["id","body"],fields:{id:(0,n.validateType)("Identifier"),body:(0,n.validateType)(["EnumBooleanBody","EnumNumberBody","EnumStringBody","EnumSymbolBody"])}},(0,n.default)("EnumBooleanBody",{aliases:["EnumBody"],visitor:["members"],fields:{explicitType:(0,n.validate)((0,n.assertValueType)("boolean")),members:(0,n.validateArrayOfType)("EnumBooleanMember"),hasUnknownMembers:(0,n.validate)((0,n.assertValueType)("boolean"))}},(0,n.default)("EnumNumberBody",{aliases:["EnumBody"],visitor:["members"],fields:{explicitType:(0,n.validate)((0,n.assertValueType)("boolean")),members:(0,n.validateArrayOfType)("EnumNumberMember"),hasUnknownMembers:(0,n.validate)((0,n.assertValueType)("boolean"))}},(0,n.default)("EnumStringBody",{aliases:["EnumBody"],visitor:["members"],fields:{explicitType:(0,n.validate)((0,n.assertValueType)("boolean")),members:(0,n.validateArrayOfType)(["EnumStringMember","EnumDefaultedMember"]),hasUnknownMembers:(0,n.validate)((0,n.assertValueType)("boolean"))}},(0,n.default)("EnumSymbolBody",{aliases:["EnumBody"],visitor:["members"],fields:{members:(0,n.validateArrayOfType)("EnumDefaultedMember"),hasUnknownMembers:(0,n.validate)((0,n.assertValueType)("boolean"))}},(0,n.default)("EnumBooleanMember",{aliases:["EnumMember"],visitor:["id"],fields:{id:(0,n.validateType)("Identifier"),init:(0,n.validateType)("BooleanLiteral")}},(0,n.default)("EnumNumberMember",{aliases:["EnumMember"],visitor:["id","init"],fields:{id:(0,n.validateType)("Identifier"),init:(0,n.validateType)("NumericLiteral")}},(0,n.default)("EnumStringMember",{aliases:["EnumMember"],visitor:["id","init"],fields:{id:(0,n.validateType)("Identifier"),init:(0,n.validateType)("StringLiteral")}},(0,n.default)("EnumDefaultedMember",{aliases:["EnumMember"],visitor:["id"],fields:{id:(0,n.validateType)("Identifier")}},(0,n.default)("IndexedAccessType",{visitor:["objectType","indexType"],aliases:["Flow","FlowType"],fields:{objectType:(0,n.validateType)("FlowType"),indexType:(0,n.validateType)("FlowType")}},(0,n.default)("OptionalIndexedAccessType",{visitor:["objectType","indexType"],aliases:["Flow","FlowType"],fields:{objectType:(0,n.validateType)("FlowType"),indexType:(0,n.validateType)("FlowType"),optional:(0,n.validate)((0,n.assertValueType)("boolean"))}}},function(e,t,r){
"use strict";var
n=r(10);(0,n.default)("JSXAttribute",{visitor:["name","value"],aliases:["JSX","Immutable"],fields:{name:{validate:(0,n.assertNodeType)("JSXIdentifier","JSXNamespacedName")},value:{optional:!0,validate:(0,n.assertNodeType)

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"JSXElement", "JSXFragment", "StringLiteral", "JSXExpressionContainer"})),(0,n.default)("JSXClosingElement",
{visitor:["name"],aliases:["JSX","Immutable"],fields:{name:{validate:(0,n.assertNodeType)("JSXIdentifier","JSXM
emberExpression","JSXNamespacedName")}}}), (0,n.default)("JSXElement",{builder:["openingElement","closingE
lement","children","selfClosing"],visitor:["openingElement","children","closingElement"],aliases:["JSX","Immutabl
e","Expression"],fields:{openingElement:{validate:(0,n.assertNodeType)("JSXOpeningElement")},closingElement:
{optional:!0,validate:(0,n.assertNodeType)("JSXClosingElement")},children:{validate:(0,n.chain)((0,n.assertValue
Type)("array"),(0,n.assertEach)((0,n.assertNodeType)("JSXText","JSXExpressionContainer","JSXSpreadChild","JS
XElement","JSXFragment"))},selfClosing:{validate:(0,n.assertValueType)("boolean"),optional:!0}}}), (0,n.default)
("JSXEmptyExpression",{aliases:["JSX"]}), (0,n.default)("JSXExpressionContainer",{visitor:["expression"],aliases:
["JSX","Immutable"],fields:{expression:{validate:(0,n.assertNodeType)("Expression","JSXEmptyExpression")}}}),
(0,n.default)("JSXSpreadChild",{visitor:["expression"],aliases:["JSX","Immutable"],fields:{expression:{validate:(0,
n.assertNodeType)("Expression")}}}), (0,n.default)("JSXIdentifier",{builder:["name"],aliases:["JSX"],fields:{name:
{validate:(0,n.assertValueType)("string")}}}), (0,n.default)("JSXMemberExpression",{visitor:["object","property"],
aliases:["JSX"],fields:{object:{validate:(0,n.assertNodeType)("JSXMemberExpression","JSXIdentifier")},property:
{validate:(0,n.assertNodeType)("JSXIdentifier")}}}), (0,n.default)("JSXNamespacedName",{visitor:["namespace","
name"],aliases:["JSX"],fields:{namespace:{validate:(0,n.assertNodeType)("JSXIdentifier")},name:{validate:(0,n.ass
ertNodeType)("JSXIdentifier")}}}), (0,n.default)("JSXOpeningElement",{builder:["name","attributes","selfClosing"
],visitor:["name","attributes"],aliases:["JSX","Immutable"],fields:{name:{validate:(0,n.assertNodeType)("JSXIdenti
fier","JSXMemberExpression","JSXNamespacedName")},selfClosing:{default:!1},attributes:{validate:(0,n.chain)((
0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("JSXAttribute","JSXSpreadAttribute"))}),type
Parameters:{validate:(0,n.assertNodeType)("TypeParameterInstantiation","TSTypeParameterInstantiation"),optional:
!0}}}), (0,n.default)("JSXSpreadAttribute",{visitor:["argument"],aliases:["JSX"],fields:{argument:{validate:(0,n.ass
ertNodeType)("Expression")}}}), (0,n.default)("JSXText",{aliases:["JSX","Immutable"],builder:["value"],fields:{va
lue:{validate:(0,n.assertValueType)("string")}}}), (0,n.default)("JSXFragment",{builder:["openingFragment","closin
gFragment","children"],visitor:["openingFragment","children","closingFragment"],aliases:["JSX","Immutable","Ex
pression"],fields:{openingFragment:{validate:(0,n.assertNodeType)("JSXOpeningFragment")},closingFragment:{v
alidate:(0,n.assertNodeType)("JSXClosingFragment")},children:{validate:(0,n.chain)((0,n.assertValueType)("array"
),(0,n.assertEach)((0,n.assertNodeType)("JSXText","JSXExpressionContainer","JSXSpreadChild","JSXElement","J
SXFragment"))}}}), (0,n.default)("JSXOpeningFragment",{aliases:["JSX","Immutable"]}), (0,n.default)("JSXClosi
ngFragment",{aliases:["JSX","Immutable"]}),function(e,t,r){ "use strict";var
n=r(10),i=r(105);(0,n.default)("Noop",{visitor:[]}), (0,n.default)("Placeholder",{visitor:[],builder:["expectedNode",
"name"],fields:{name:{validate:(0,n.assertNodeType)("Identifier")},expectedNode:{validate:(0,n.assertOneOf(...i.P
LACEHOLDERS)}}}), (0,n.default)("V8IntrinsicIdentifier",{builder:["name"],fields:{name:{validate:(0,n.assertVal
ueType)("string")}}}),function(e,t,r){ "use strict";var
n=r(10),i=r(55);(0,n.default)("ArgumentPlaceholder",{}), (0,n.default)("BindExpression",{visitor:["object","callee"],
aliases:["Expression"],fields:process.env.BABEL_TYPES_8_BREAKING?{object:{validate:(0,n.assertNodeType)(
"Expression")},callee:{validate:(0,n.assertNodeType)("Expression")}}:{object:{validate:Object.assign(=>{}},{one
OfNodeTypes:["Expression"]}),callee:{validate:Object.assign(=>{}},{oneOfNodeTypes:["Expression"]}})}), (0,
n.default)("ClassProperty",{visitor:["key","value","typeAnnotation","decorators"],builder:["key","value","typeAnno
tation","decorators","computed","static"],aliases:["Property"],fields:Object.assign({},i.classMethodOrPropertyCom
mon,{value:{validate:(0,n.assertNodeType)("Expression"),optional:!0},definite:{validate:(0,n.assertValueType)("bo
olean"),optional:!0},typeAnnotation:{validate:(0,n.assertNodeType)("TypeAnnotation","TSTypeAnnotation","Noop
"),optional:!0},decorators:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeTyp
e)("Decorator"))},optional:!0},readonly:{validate:(0,n.assertValueType)("boolean"),optional:!0},declare:{validate:(
0,n.assertValueType)("boolean"),optional:!0}}}), (0,n.default)("PipelineTopicExpression",{builder:["expression"],v
isitor:["expression"],fields:{expression:{validate:(0,n.assertNodeType)("Expression")}}}), (0,n.default)("PipelineBa
reFunction",{builder:["callee"],visitor:["callee"],fields:{callee:{validate:(0,n.assertNodeType)("Expression")}}}), (0,
n.default)("PipelinePrimaryTopicReference",{aliases:["Expression"]}), (0,n.default)("ClassPrivateProperty",{visitor:

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["key", "value", "decorators"], builder: ["key", "value", "decorators", "static"], aliases: ["Property", "Private"], fields: { key: {
  validate: (0, n.assertNodeType)("PrivateName") }, value: { validate: (0, n.assertNodeType)("Expression"), optional: !0 }, ty
  peAnnotation: { validate: (0, n.assertNodeType)("TypeAnnotation", "TSTypeAnnotation", "Noop"), optional: !0 }, decorat
  ors: { validate: (0, n.chain)((0, n.assertValueType)("array"), (0, n.assertEach)((0, n.assertNodeType)("Decorator"))), optio
  nal: !0 } } }, (0, n.default)("ClassPrivateMethod", { builder: ["kind", "key", "params", "body", "static"], visitor: ["key", "para
  ms", "body", "decorators", "returnType", "typeParameters"], aliases: ["Function", "Scopable", "BlockParent", "FunctionPa
  rent", "Method", "Private"], fields: Object.assign({ }, i.classMethodOrDeclareMethodCommon, i.functionTypeAnnotati
  onCommon, { key: { validate: (0, n.assertNodeType)("PrivateName") }, body: { validate: (0, n.assertNodeType)("BlockStat
  ement") } } })), (0, n.default)("ImportAttribute", { visitor: ["key", "value"], fields: { key: { validate: (0, n.assertNodeType)("I
  dentifier", "StringLiteral") }, value: { validate: (0, n.assertNodeType)("StringLiteral") } } })), (0, n.default)("Decorator", { vis
  itor: ["expression"], fields: { expression: { validate: (0, n.assertNodeType)("Expression") } } })), (0, n.default)("DoExpressio
  n", { visitor: ["body"], builder: ["body", "async"], aliases: ["Expression"], fields: { body: { validate: (0, n.assertNodeType)("B
  lockStatement") }, async: { validate: (0, n.assertValueType)("boolean"), default: !1 } } })), (0, n.default)("ExportDefaultSpec
  ifier", { visitor: ["exported"], aliases: ["ModuleSpecifier"], fields: { exported: { validate: (0, n.assertNodeType)("Identifier"
  ) } } })), (0, n.default)("PrivateName", { visitor: ["id"], aliases: ["Private"], fields: { id: { validate: (0, n.assertNodeType)("Ident
  ifier") } } } })), (0, n.default)("RecordExpression", { visitor: ["properties"], aliases: ["Expression"], fields: { properties: { validat
  e: (0, n.chain)((0, n.assertValueType)("array"), (0, n.assertEach)((0, n.assertNodeType)("ObjectProperty", "SpreadElemen
  t")) } } } })), (0, n.default)("TupleExpression", { fields: { elements: { validate: (0, n.chain)((0, n.assertValueType)("array"), (0
  , n.assertEach)((0, n.assertNodeType)("Expression", "SpreadElement")) }, default: [] } }, visitor: ["elements"], aliases: ["Ex
  pression"] })), (0, n.default)("DecimalLiteral", { builder: ["value"], fields: { value: { validate: (0, n.assertValueType)("string"
  ) } }, aliases: ["Expression", "Pureish", "Literal", "Immutable"] })), (0, n.default)("StaticBlock", { visitor: ["body"], fields: { bo
  dy: { validate: (0, n.chain)((0, n.assertValueType)("array"), (0, n.assertEach)((0, n.assertNodeType)("Statement")) } } }, alia
  ses: ["Scopable", "BlockParent"] })), (0, n.default)("ModuleExpression", { visitor: ["body"], fields: { body: { validate: (0, n.as
  sertNodeType)("Program") } }, aliases: ["Expression"] } }}, function(e, t, r) { "use strict"; var n=r(10), i=r(55); const
  s=(0, n.assertValueType)("boolean"), a={ returnType: { validate: (0, n.assertNodeType)("TSTypeAnnotation", "Noop"), o
  ptional: !0 }, typeParameters: { validate: (0, n.assertNodeType)("TSTypeParameterDeclaration", "Noop"), optional: !0 } }; (
  0, n.default)("TSParameterProperty", { aliases: ["LVal"], visitor: ["parameter"], fields: { accessibility: { validate: (0, n.assert
  OneOf)("public", "private", "protected"), optional: !0 }, readonly: { validate: (0, n.assertValueType)("boolean"), optional: !
  0 }, parameter: { validate: (0, n.assertNodeType)("Identifier", "AssignmentPattern") } } })), (0, n.default)("TSDeclareFunci
  on", { aliases: ["Statement", "Declaration"], visitor: ["id", "typeParameters", "params", "returnType"], fields: Object.assign
  ({ }, i.functionDeclarationCommon, a)), (0, n.default)("TSDeclareMethod", { visitor: ["decorators", "key", "typeParamet
  ers", "params", "returnType"], fields: Object.assign({ }, i.classMethodOrDeclareMethodCommon, a)), (0, n.default)("TS
  QualifiedName", { aliases: ["TSEntityName"], visitor: ["left", "right"], fields: { left: (0, n.validateType)("TSEntityName"),
  right: (0, n.validateType)("Identifier") } } })); const
  o={ typeParameters: (0, n.validateOptionalType)("TSTypeParameterDeclaration"), parameters: (0, n.validateArrayOfType
  pe)(["Identifier", "RestElement"]), typeAnnotation: (0, n.validateOptionalType)("TSTypeAnnotation") }, l={ aliases: ["T
  STypeElement"], visitor: ["typeParameters", "parameters", "typeAnnotation"], fields: o }; (0, n.default)("TSCallSignature
  Declaration", l), (0, n.default)("TSConstructSignatureDeclaration", l); const
  c={ key: (0, n.validateType)("Expression"), computed: (0, n.validate)(s), optional: (0, n.validateOptional)(s) }; (0, n.default
  ("TSPropertySignature", { aliases: ["TSTypeElement"], visitor: ["key", "typeAnnotation", "initializer"], fields: Object.assi
  gn({ }, c, { readonly: (0, n.validateOptional)(s), typeAnnotation: (0, n.validateOptionalType)("TSTypeAnnotation"), initia
  lizer: (0, n.validateOptionalType)("Expression") } } })), (0, n.default)("TSMethodSignature", { aliases: ["TSTypeElement"]
  }, visitor: ["key", "typeParameters", "parameters", "typeAnnotation"], fields: Object.assign({ }, o, c, { kind: { validate: (0, n.as
  sertOneOf)("method", "get", "set") } } })), (0, n.default)("TSIndexSignature", { aliases: ["TSTypeElement"], visitor: ["para
  meters", "typeAnnotation"], fields: { readonly: (0, n.validateOptional)(s), static: (0, n.validateOptional)(s), parameters: (0, n
  .validateArrayOfType)("Identifier"), typeAnnotation: (0, n.validateOptionalType)("TSTypeAnnotation") } } }); const
  p=["TSAnyKeyword", "TSBooleanKeyword", "TSBigIntKeyword", "TSIntrinsicKeyword", "TSNeverKeyword", "TS
  NullKeyword", "TSNumberKeyword", "TSObjectKeyword", "TSStringKeyword", "TSSymbolKeyword", "TSUndefine

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dKeyword", "TSUnknownKeyword", "TSVoidKeyword"];for(const e of
p)(0,n.default)(e,{ aliases:["TSType", "TSBaseType"],visitor:[],fields: { }});(0,n.default)("TSThisType",{ aliases:["TS
Type", "TSBaseType"],visitor:[],fields: { }});const
u={ aliases:["TSType"],visitor:["typeParameters", "parameters", "typeAnnotation"]};(0,n.default)("TSFunctionType",
Object.assign({ ,u, { fields:o })),(0,n.default)("TSConstructorType",Object.assign({ ,u, { fields:Object.assign({ ,o, { ab
stract:(0,n.validateOptional)(s) } })),(0,n.default)("TSTypeReference",{ aliases:["TSType"],visitor:["typeName", "typ
eParameters"],fields: { typeName:(0,n.validateType)("TSEntityName"),typeParameters:(0,n.validateOptionalType)("
TSTypeParameterInstantiation" } })),(0,n.default)("TSTypePredicate",{ aliases:["TSType"],visitor:["parameterName"
,"typeAnnotation"],builder:["parameterName", "typeAnnotation", "asserts"],fields: { parameterName:(0,n.validateTyp
e)("Identifier", "TSThisType"),typeAnnotation:(0,n.validateOptionalType)("TSTypeAnnotation"),asserts:(0,n.valid
ateOptional)(s) } })),(0,n.default)("TSTypeQuery",{ aliases:["TSType"],visitor:["exprName"],fields: { exprName:(0,n.v
alidateType)("TSEntityName", "TSImportType" } })),(0,n.default)("TSTypeLiteral",{ aliases:["TSType"],visitor:["m
embers"],fields: { members:(0,n.validateArrayOfType)("TSTypeElement" } })),(0,n.default)("TSArrayType",{ aliases:
["TSType"],visitor:["elementType"],fields: { elementType:(0,n.validateType)("TSType" } })),(0,n.default)("TSTupleT
ype",{ aliases:["TSType"],visitor:["elementTypes"],fields: { elementTypes:(0,n.validateArrayOfType)("TSType", "T
SNamedTupleMember" } })),(0,n.default)("TSOptionalType",{ aliases:["TSType"],visitor:["typeAnnotation"],fields:
{ typeAnnotation:(0,n.validateType)("TSType" } })),(0,n.default)("TSRestType",{ aliases:["TSType"],visitor:["typeA
nnotation"],fields: { typeAnnotation:(0,n.validateType)("TSType" } })),(0,n.default)("TSNamedTupleMember",{ visito
r:["label", "elementType"],builder:["label", "elementType", "optional"],fields: { label:(0,n.validateType)("Identifier"),o
ptional: { validate:s,default:!1 },elementType:(0,n.validateType)("TSType" } }));const
d={ aliases:["TSType"],visitor:["types"],fields: { types:(0,n.validateArrayOfType)("TSType" } });(0,n.default)("TSUni
onType",d),(0,n.default)("TSIntersectionType",d),(0,n.default)("TSConditionalType",{ aliases:["TSType"],visitor:["
checkType", "extendsType", "trueType", "falseType"],fields: { checkType:(0,n.validateType)("TSType"),extendsType:
(0,n.validateType)("TSType"),trueType:(0,n.validateType)("TSType"),falseType:(0,n.validateType)("TSType" } })),(
0,n.default)("TSInferType",{ aliases:["TSType"],visitor:["typeParameter"],fields: { typeParameter:(0,n.validateType)(
"TSTypeParameter" } })),(0,n.default)("TSParenthesizedType",{ aliases:["TSType"],visitor:["typeAnnotation"],fields:
{ typeAnnotation:(0,n.validateType)("TSType" } })),(0,n.default)("TSTypeOperator",{ aliases:["TSType"],visitor:["ty
peAnnotation"],fields: { operator:(0,n.validate)((0,n.assertValueType)("string")),typeAnnotation:(0,n.validateType)(
"TSType" } })),(0,n.default)("TSIndexedAccessType",{ aliases:["TSType"],visitor:["objectType", "indexType"],fields:
{ objectType:(0,n.validateType)("TSType"),indexType:(0,n.validateType)("TSType" } })),(0,n.default)("TSMappedT
ype",{ aliases:["TSType"],visitor:["typeParameter", "typeAnnotation", "nameType"],fields: { readonly:(0,n.validateOpt
ional)(s),typeParameter:(0,n.validateType)("TSTypeParameter"),optional:(0,n.validateOptional)(s),typeAnnotation:(
0,n.validateOptionalType)("TSType"),nameType:(0,n.validateOptionalType)("TSType" } })),(0,n.default)("TSLiteral
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ingLiteral", "BooleanLiteral", "BigIntLiteral" ])} })),(0,n.default)("TSExpressionWithTypeArguments",{ aliases:["TST
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),id:(0,n.validateType)("Identifier"),typeParameters:(0,n.validateOptionalType)("TSTypeParameterDeclaration"),ext
ends:(0,n.validateOptional)((0,n.arrayOfType)("TSExpressionWithTypeArguments"),body:(0,n.validateType)("TSI
nterfaceBody" } })),(0,n.default)("TSInterfaceBody",{ visitor:["body"],fields: { body:(0,n.validateArrayOfType)("TST
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ameters", "typeAnnotation"],fields: { declare:(0,n.validateOptional)(s),id:(0,n.validateType)("Identifier"),typeParamet
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{ aliases:["Expression"],visitor:["typeAnnotation", "expression"],fields: { typeAnnotation:(0,n.validateType)("TSType
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ration"],visitor:["id","members"],fields:{declare:(0,n.validateOptional)(s),const:(0,n.validateOptional)(s),id:(0,n.validateType)("Identifier"),members:(0,n.validateArrayOfType)("TEnumMember"),initializer:(0,n.validateOptionalType)("Expression")}},(0,n.default)("TEnumMember",{visitor:["id","initializer"],fields:{id:(0,n.validateType)("Identifier","StringLiteral"),initializer:(0,n.validateOptionalType)("Expression")}},(0,n.default)("TModuleDeclaration",{aliases:["Statement","Declaration"],visitor:["id","body"],fields:{declare:(0,n.validateOptional)(s),global:(0,n.validateOptional)(s),id:(0,n.validateType)("Identifier","StringLiteral"),body:(0,n.validateType)("TModuleBlock","TModuleDeclaration")}},(0,n.default)("TModuleBlock",{aliases:["Scopable","Block","BlockParent"],visitor:["body"],fields:{body:(0,n.validateArrayOfType)("Statement")}},(0,n.default)("TImportType",{aliases:["TSType"],visitor:["argument","qualifier","typeParameters"],fields:{argument:(0,n.validateType)("StringLiteral"),qualifier:(0,n.validateOptionalType)("TEntityName"),typeParameters:(0,n.validateOptionalType)("TTypeParameterInstantiation")}},(0,n.default)("TImportEqualsDeclaration",{aliases:["Statement"],visitor:["id","moduleReference"],fields:{isExport:(0,n.validate)(s),id:(0,n.validateType)("Identifier"),moduleReference:(0,n.validateType)("TEntityName","TSEnternalModuleReference")}},(0,n.default)("TSEnternalModuleReference",{visitor:["expression"],fields:{expression:(0,n.validateType)("StringLiteral")}},(0,n.default)("TNonNullExpression",{aliases:["Expression"],visitor:["expression"],fields:{expression:(0,n.validateType)("Expression")}},(0,n.default)("TExportAssignment",{aliases:["Statement"],visitor:["expression"],fields:{expression:(0,n.validateType)("Expression")}},(0,n.default)("TNamespaceExportDeclaration",{aliases:["Statement"],visitor:["id"],fields:{id:(0,n.validateType)("Identifier")}},(0,n.default)("TTypeAnnotation",{visitor:["typeAnnotation"],fields:{typeAnnotation:{validate:(0,n.assertNodeType)("TSType")}}}),0,n.default)("TTypeParameterInstantiation",{visitor:["params"],fields:{params:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("TSType"))}}}),0,n.default)("TTypeParameterDeclaration",{visitor:["params"],fields:{params:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("TSTypeParameter"))}}}),0,n.default)("TSTypeParameter",{builder:["constraint","default","name"],visitor:["constraint","default"],fields:{name:{validate:(0,n.assertValueType)("string")},constraint:{validate:(0,n.assertNodeType)("TSType"),optional:!0},default:{validate:(0,n.assertNodeType)("TSType"),optional:!0}}}),function(e,t,r){
use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){if(!(0,n.default)(e)){var t;const r=null!=(t=null==e?void 0:e.type)?t:JSON.stringify(e);throw new TypeError("Not a valid node of type "+r)};var n=r(106)},function(e,t,r){
use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.assertArrayExpression=function(e,t){i("ArrayExpression",e,t)},t.assertAssignmentExpression=function(e,t){i("AssignmentExpression",e,t)},t.assertBinaryExpression=function(e,t){i("BinaryExpression",e,t)},t.assertInterpreterDirective=function(e,t){i("InterpreterDirective",e,t)},t.assertDirective=function(e,t){i("Directive",e,t)},t.assertDirectiveLiteral=function(e,t){i("DirectiveLiteral",e,t)},t.assertBlockStatement=function(e,t){i("BlockStatement",e,t)},t.assertBreakStatement=function(e,t){i("BreakStatement",e,t)},t.assertCallExpression=function(e,t){i("CallExpression",e,t)},t.assertCatchClause=function(e,t){i("CatchClause",e,t)},t.assertConditionalExpression=function(e,t){i("ConditionalExpression",e,t)},t.assertContinueStatement=function(e,t){i("ContinueStatement",e,t)},t.assertDebuggerStatement=function(e,t){i("DebuggerStatement",e,t)},t.assertDoWhileStatement=function(e,t){i("DoWhileStatement",e,t)},t.assertEmptyStatement=function(e,t){i("EmptyStatement",e,t)},t.assertExpressionStatement=function(e,t){i("ExpressionStatement",e,t)},t.assertFile=function(e,t){i("File",e,t)},t.assertForInStatement=function(e,t){i("ForInStatement",e,t)},t.assertForStatement=function(e,t){i("ForStatement",e,t)},t.assertFunctionDeclaration=function(e,t){i("FunctionDeclaration",e,t)},t.assertFunctionExpression=function(e,t){i("FunctionExpression",e,t)},t.assertIdentifier=function(e,t){i("Identifier",e,t)},t.assertIfStatement=function(e,t){i("IfStatement",e,t)},t.assertLabeledStatement=function(e,t){i("LabeledStatement",e,t)},t.assertStringLiteral=function(e,t){i("StringLiteral",e,t)},t.assertNumericLiteral=function(e,t){i("NumericLiteral",e,t)},t.assertNullLiteral=function(e,t){i("NullLiteral",e,t)},t.assertBooleanLiteral=function(e,t){i("BooleanLiteral",e,t)},t.assertRegExpLiteral=function(e,t){i("RegExpLiteral",e,t)},t.assertLogicalExpression=function(e,t){i("LogicalExpression",e,t)},t.assertMemberExpression=function(e,t){i("MemberExpression",e,t)},t.assertNewExpression=function(e,t){i("NewExpression",e,t)},t.assertProgram=function(e,t){i("Program",e,t)},t.assertObjectExpression=function(e,t){i("ObjectExpression",e,t)},t.assertObjectMethod=function(e,t){i("ObjectMethod",e,t)},t.assertObjectProperty=function(e,t){i("ObjectProperty",e

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,t),t.assertRestElement=function(e,t){i("RestElement",e,t)},t.assertReturnStatement=function(e,t){i("ReturnStatement",e,t)},t.assertSequenceExpression=function(e,t){i("SequenceExpression",e,t)},t.assertParenthesizedExpression=function(e,t){i("ParenthesizedExpression",e,t)},t.assertSwitchCase=function(e,t){i("SwitchCase",e,t)},t.assertSwitchStatement=function(e,t){i("SwitchStatement",e,t)},t.assertThisExpression=function(e,t){i("ThisExpression",e,t)},t.assertThrowStatement=function(e,t){i("ThrowStatement",e,t)},t.assertTryStatement=function(e,t){i("TryStatement",e,t)},t.assertUnaryExpression=function(e,t){i("UnaryExpression",e,t)},t.assertUpdateExpression=function(e,t){i("UpdateExpression",e,t)},t.assertVariableDeclaration=function(e,t){i("VariableDeclaration",e,t)},t.assertVariableDeclarator=function(e,t){i("VariableDeclarator",e,t)},t.assertWhileStatement=function(e,t){i("WhileStatement",e,t)},t.assertWithStatement=function(e,t){i("WithStatement",e,t)},t.assertAssignmentPattern=function(e,t){i("AssignmentPattern",e,t)},t.assertArrayPattern=function(e,t){i("ArrayPattern",e,t)},t.assertArrowFunctionExpression=function(e,t){i("ArrowFunctionExpression",e,t)},t.assertClassBody=function(e,t){i("ClassBody",e,t)},t.assertClassExpression=function(e,t){i("ClassExpression",e,t)},t.assertClassDeclaration=function(e,t){i("ClassDeclaration",e,t)},t.assertExportAllDeclaration=function(e,t){i("ExportAllDeclaration",e,t)},t.assertExportDefaultDeclaration=function(e,t){i("ExportDefaultDeclaration",e,t)},t.assertExportNamedDeclaration=function(e,t){i("ExportNamedDeclaration",e,t)},t.assertExportSpecifier=function(e,t){i("ExportSpecifier",e,t)},t.assertForOfStatement=function(e,t){i("ForOfStatement",e,t)},t.assertImportDeclaration=function(e,t){i("ImportDeclaration",e,t)},t.assertImportDefaultSpecifier=function(e,t){i("ImportDefaultSpecifier",e,t)},t.assertImportNamespaceSpecifier=function(e,t){i("ImportNamespaceSpecifier",e,t)},t.assertImportSpecifier=function(e,t){i("ImportSpecifier",e,t)},t.assertMetaProperty=function(e,t){i("MetaProperty",e,t)},t.assertClassMethod=function(e,t){i("ClassMethod",e,t)},t.assertObjectPattern=function(e,t){i("ObjectPattern",e,t)},t.assertSpreadElement=function(e,t){i("SpreadElement",e,t)},t.assertSuper=function(e,t){i("Super",e,t)},t.assertTaggedTemplateExpression=function(e,t){i("TaggedTemplateExpression",e,t)},t.assertTemplateElement=function(e,t){i("TemplateElement",e,t)},t.assertTemplateLiteral=function(e,t){i("TemplateLiteral",e,t)},t.assertYieldExpression=function(e,t){i("YieldExpression",e,t)},t.assertAwaitExpression=function(e,t){i("AwaitExpression",e,t)},t.assertImport=function(e,t){i("Import",e,t)},t.assertBigIntLiteral=function(e,t){i("BigIntLiteral",e,t)},t.assertExportNamespaceSpecifier=function(e,t){i("ExportNamespaceSpecifier",e,t)},t.assertOptionalMemberExpression=function(e,t){i("OptionalMemberExpression",e,t)},t.assertOptionalCallExpression=function(e,t){i("OptionalCallExpression",e,t)},t.assertAnyTypeAnnotation=function(e,t){i("AnyTypeAnnotation",e,t)},t.assertArrayTypeAnnotation=function(e,t){i("ArrayTypeAnnotation",e,t)},t.assertBooleanTypeAnnotation=function(e,t){i("BooleanTypeAnnotation",e,t)},t.assertBooleanLiteralTypeAnnotation=function(e,t){i("BooleanLiteralTypeAnnotation",e,t)},t.assertNullLiteralTypeAnnotation=function(e,t){i("NullLiteralTypeAnnotation",e,t)},t.assertClassImplements=function(e,t){i("ClassImplements",e,t)},t.assertDeclareClass=function(e,t){i("DeclareClass",e,t)},t.assertDeclareFunction=function(e,t){i("DeclareFunction",e,t)},t.assertDeclareInterface=function(e,t){i("DeclareInterface",e,t)},t.assertDeclareModule=function(e,t){i("DeclareModule",e,t)},t.assertDeclareModuleExports=function(e,t){i("DeclareModuleExports",e,t)},t.assertDeclareTypeAlias=function(e,t){i("DeclareTypeAlias",e,t)},t.assertDeclareOpaqueType=function(e,t){i("DeclareOpaqueType",e,t)},t.assertDeclareVariable=function(e,t){i("DeclareVariable",e,t)},t.assertDeclareExportDeclaration=function(e,t){i("DeclareExportDeclaration",e,t)},t.assertDeclareExportAllDeclaration=function(e,t){i("DeclareExportAllDeclaration",e,t)},t.assertDeclaredPredicate=function(e,t){i("DeclaredPredicate",e,t)},t.assertExistsTypeAnnotation=function(e,t){i("ExistsTypeAnnotation",e,t)},t.assertFunctionTypeAnnotation=function(e,t){i("FunctionTypeAnnotation",e,t)},t.assertFunctionTypeParam=function(e,t){i("FunctionTypeParam",e,t)},t.assertGenericTypeAnnotation=function(e,t){i("GenericTypeAnnotation",e,t)},t.assertInferredPredicate=function(e,t){i("InferredPredicate",e,t)},t.assertInterfaceExtends=function(e,t){i("InterfaceExtends",e,t)},t.assertInterfaceDeclaration=function(e,t){i("InterfaceDeclaration",e,t)},t.assertInterfaceTypeAnnotation=function(e,t){i("InterfaceTypeAnnotation",e,t)},t.assertIntersectionTypeAnnotation=function(e,t){i("IntersectionTypeAnnotation",e,t)},t.assertMixedTypeAnnotation=function(e,t){i("MixedTypeAnnotation",e,t)},t.assertEmptyTypeAnnotation=function(e,t){i("EmptyTypeAnnotation",e,t)},t.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leDeclaration=function(e,t){i("ModuleDeclaration",e,t)},t.assertExportDeclaration=function(e,t){i("ExportDeclaration",e,t)},t.assertModuleSpecifier=function(e,t){i("ModuleSpecifier",e,t)},t.assertFlow=function(e,t){i("Flow",e,t)},t.assertFlowType=function(e,t){i("FlowType",e,t)},t.assertFlowBaseAnnotation=function(e,t){i("FlowBaseAnnotation",e,t)},t.assertFlo

```

wDeclaration=function(e,t){i("FlowDeclaration",e,t)},t.assertFlowPredicate=function(e,t){i("FlowPredicate",e,t)},t.
assertEnumBody=function(e,t){i("EnumBody",e,t)},t.assertEnumMember=function(e,t){i("EnumMember",e,t)},t.as
sertJSX=function(e,t){i("JSX",e,t)},t.assertPrivate=function(e,t){i("Private",e,t)},t.assertTSTypeElement=function(e
,t){i("TSTypeElement",e,t)},t.assertTSType=function(e,t){i("TSType",e,t)},t.assertTSBaseType=function(e,t){i("TS
BaseType",e,t)},t.assertNumberLiteral=function(e,t){console.trace("The node type NumberLiteral has been renamed
to NumericLiteral"),i("NumberLiteral",e,t)},t.assertRegexLiteral=function(e,t){console.trace("The node type
RegexLiteral has been renamed to
RegExpLiteral"),i("RegexLiteral",e,t)},t.assertRestProperty=function(e,t){console.trace("The node type
RestProperty has been renamed to
RestElement"),i("RestProperty",e,t)},t.assertSpreadProperty=function(e,t){console.trace("The node type
SpreadProperty has been renamed to SpreadElement"),i("SpreadProperty",e,t)};var n=r(36);function
i(e,t,r){if(!(0,n.default)(e,t,r))throw new Error("Expected type \"$e\" with option ${JSON.stringify(r)}, but instead
got \"${t.type}\". `)`},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){if("string"===e)return(0,n.stringTyp
eAnnotation)();if("number"===e)return(0,n.numberTypeAnnotation)();if("undefined"===e)return(0,n.voidTypeAnn
otation)();if("boolean"===e)return(0,n.booleanTypeAnnotation)();if("function"===e)return(0,n.genericTypeAnnotat
ion)((0,n.identifier)("Function"));if("object"===e)return(0,n.genericTypeAnnotation)((0,n.identifier)("Object"));if("
symbol"===e)return(0,n.genericTypeAnnotation)((0,n.identifier)("Symbol"));if("bigint"===e)return(0,n.anyTypeAnno
tation)();throw new Error("Invalid type of value: "+e)};var n=r(3)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){const t=(0,i.default)(e);return
1===t.length?t[0):(0,n.unionTypeAnnotation)(t)};var n=r(3),i=r(107)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){const
t=e.map(e=>e.typeAnnotation),r=(0,i.default)(t);return 1===r.length?r[0):(0,n.tsUnionType)(r)};var
n=r(3),i=r(279)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){const t={},r={},i=[],s=[];for(let
t=0;t<e.length;t++){const
a=e[t];if(a&&!(s.indexOf(a)>=0)){if((0,n.isTSAnyKeyword)(a))return[a];(0,n.isTSBaseType)(a)?r[a.type]=a:(0,n.is
TSUnionType)(a)?i.indexOf(a.types)<0&&(e=e.concat(a.types),i.push(a.types)):s.push(a)}}for(const e of
Object.keys(r))s.push(r[e]);for(const e of Object.keys(t))s.push(t[e]);return s};var n=r(1)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),Object.defineProperty(t,"ArrayExpression",{enumerable:!
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n.expressionStatement}}),Object.defineProperty(t,"File",{enumerable:!0,get:function(){return
n.file}}),Object.defineProperty(t,"ForInStatement",{enumerable:!0,get:function(){return

```

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n.forInStatement})),Object.defineProperty(t,"ForStatement",{enumerable:!0,get:function(){return
n.forStatement}}),Object.defineProperty(t,"FunctionDeclaration",{enumerable:!0,get:function(){return
n.functionDeclaration}}),Object.defineProperty(t,"FunctionExpression",{enumerable:!0,get:function(){return
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n.nullLiteral}}),Object.defineProperty(t,"BooleanLiteral",{enumerable:!0,get:function(){return
n.booleanLiteral}}),Object.defineProperty(t,"RegExpLiteral",{enumerable:!0,get:function(){return
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n.program}}),Object.defineProperty(t,"ObjectExpression",{enumerable:!0,get:function(){return
n.objectExpression}}),Object.defineProperty(t,"ObjectMethod",{enumerable:!0,get:function(){return
n.objectMethod}}),Object.defineProperty(t,"ObjectProperty",{enumerable:!0,get:function(){return
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```

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n.spreadElement })),Object.defineProperty(t,"Super",{enumerable:!0,get:function(){return
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()(){return
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ion(){return
n.nullLiteralTypeAnnotation })),Object.defineProperty(t,"ClassImplements",{enumerable:!0,get:function(){return
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n.declareClass })),Object.defineProperty(t,"DeclareFunction",{enumerable:!0,get:function(){return
n.declareFunction })),Object.defineProperty(t,"DeclareInterface",{enumerable:!0,get:function(){return
n.declareInterface })),Object.defineProperty(t,"DeclareModule",{enumerable:!0,get:function(){return
n.declareModule })),Object.defineProperty(t,"DeclareModuleExports",{enumerable:!0,get:function(){return
n.declareModuleExports })),Object.defineProperty(t,"DeclareTypeAlias",{enumerable:!0,get:function(){return
n.declareTypeAlias })),Object.defineProperty(t,"DeclareOpaqueType",{enumerable:!0,get:function(){return
n.declareOpaqueType })),Object.defineProperty(t,"DeclareVariable",{enumerable:!0,get:function(){return
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{ return
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n n.objectTypeSpreadProperty })),Object.defineProperty(t,"OpaqueType",{ enumerable:!0,get:function(){return
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n.voidTypeAnnotation })),Object.defineProperty(t,"EnumDeclaration",{ enumerable:!0,get:function(){return
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rn n.optionalIndexedAccessType })),Object.defineProperty(t,"JSXAttribute",{ enumerable:!0,get:function(){return

```

```

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n.jsxElement}}),Object.defineProperty(t,"JSXEmptyExpression",{enumerable:!0,get:function(){return
n.jsxEmptyExpression}}),Object.defineProperty(t,"JSXExpressionContainer",{enumerable:!0,get:function(){return
n.jsxExpressionContainer}}),Object.defineProperty(t,"JSXSpreadChild",{enumerable:!0,get:function(){return
n.jsxSpreadChild}}),Object.defineProperty(t,"JSXIdentifier",{enumerable:!0,get:function(){return
n.jsxIdentifier}}),Object.defineProperty(t,"JSXMemberExpression",{enumerable:!0,get:function(){return
n.jsxMemberExpression}}),Object.defineProperty(t,"JSXNamespacedName",{enumerable:!0,get:function(){return
n.jsxNamespacedName}}),Object.defineProperty(t,"JSXOpeningElement",{enumerable:!0,get:function(){return
n.jsxOpeningElement}}),Object.defineProperty(t,"JSXSpreadAttribute",{enumerable:!0,get:function(){return
n.jsxSpreadAttribute}}),Object.defineProperty(t,"JSXText",{enumerable:!0,get:function(){return
n.jsxText}}),Object.defineProperty(t,"JSXFragment",{enumerable:!0,get:function(){return
n.jsxFragment}}),Object.defineProperty(t,"JSXOpeningFragment",{enumerable:!0,get:function(){return
n.jsxOpeningFragment}}),Object.defineProperty(t,"JSXClosingFragment",{enumerable:!0,get:function(){return
n.jsxClosingFragment}}),Object.defineProperty(t,"Noop",{enumerable:!0,get:function(){return
n.noop}}),Object.defineProperty(t,"Placeholder",{enumerable:!0,get:function(){return
n.placeholder}}),Object.defineProperty(t,"V8IntrinsicIdentifier",{enumerable:!0,get:function(){return
n.v8IntrinsicIdentifier}}),Object.defineProperty(t,"ArgumentPlaceholder",{enumerable:!0,get:function(){return
n.argumentPlaceholder}}),Object.defineProperty(t,"BindExpression",{enumerable:!0,get:function(){return
n.bindExpression}}),Object.defineProperty(t,"ClassProperty",{enumerable:!0,get:function(){return
n.classProperty}}),Object.defineProperty(t,"PipelineTopicExpression",{enumerable:!0,get:function(){return
n.pipelineTopicExpression}}),Object.defineProperty(t,"PipelineBareFunction",{enumerable:!0,get:function(){return
n.pipelineBareFunction}}),Object.defineProperty(t,"PipelinePrimaryTopicReference",{enumerable:!0,get:function(){return
{return
n.pipelinePrimaryTopicReference}}}),Object.defineProperty(t,"ClassPrivateProperty",{enumerable:!0,get:function(){return
{return
n.classPrivateProperty}}}),Object.defineProperty(t,"ClassPrivateMethod",{enumerable:!0,get:function(){return
n.classPrivateMethod}}),Object.defineProperty(t,"ImportAttribute",{enumerable:!0,get:function(){return
n.importAttribute}}),Object.defineProperty(t,"Decorator",{enumerable:!0,get:function(){return
n.decorator}}),Object.defineProperty(t,"DoExpression",{enumerable:!0,get:function(){return
n.doExpression}}),Object.defineProperty(t,"ExportDefaultSpecifier",{enumerable:!0,get:function(){return
n.exportDefaultSpecifier}}),Object.defineProperty(t,"PrivateName",{enumerable:!0,get:function(){return
n.privateName}}),Object.defineProperty(t,"RecordExpression",{enumerable:!0,get:function(){return
n.recordExpression}}),Object.defineProperty(t,"TupleExpression",{enumerable:!0,get:function(){return
n.tupleExpression}}),Object.defineProperty(t,"DecimalLiteral",{enumerable:!0,get:function(){return
n.decimalLiteral}}),Object.defineProperty(t,"StaticBlock",{enumerable:!0,get:function(){return
n.staticBlock}}),Object.defineProperty(t,"ModuleExpression",{enumerable:!0,get:function(){return
n.moduleExpression}}),Object.defineProperty(t,"TSParameterProperty",{enumerable:!0,get:function(){return
n.tsParameterProperty}}),Object.defineProperty(t,"TSDeclareFunction",{enumerable:!0,get:function(){return
n.tsDeclareFunction}}),Object.defineProperty(t,"TSDeclareMethod",{enumerable:!0,get:function(){return
n.tsDeclareMethod}}),Object.defineProperty(t,"TSQualifiedName",{enumerable:!0,get:function(){return
n.tsQualifiedName}}),Object.defineProperty(t,"TSCallSignatureDeclaration",{enumerable:!0,get:function(){return
n.tsCallSignatureDeclaration}}),Object.defineProperty(t,"TSConstructSignatureDeclaration",{enumerable:!0,get:fu
nction(){return
n.tsConstructSignatureDeclaration}}),Object.defineProperty(t,"TSPropertySignature",{enumerable:!0,get:function(){return
{return
n.tsPropertySignature}}}),Object.defineProperty(t,"TSMethodSignature",{enumerable:!0,get:function(){return
n.tsMethodSignature}}),Object.defineProperty(t,"TSIndexSignature",{enumerable:!0,get:function(){return

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n.tsIndexSignature })),Object.defineProperty(t,"TSAnyKeyword",{enumerable:!0,get:function(){return
n.tsAnyKeyword}}),Object.defineProperty(t,"TSBooleanKeyword",{enumerable:!0,get:function(){return
n.tsBooleanKeyword}}),Object.defineProperty(t,"TSBigIntKeyword",{enumerable:!0,get:function(){return
n.tsBigIntKeyword}}),Object.defineProperty(t,"TSIntrinsicKeyword",{enumerable:!0,get:function(){return
n.tsIntrinsicKeyword}}),Object.defineProperty(t,"TSNeverKeyword",{enumerable:!0,get:function(){return
n.tsNeverKeyword}}),Object.defineProperty(t,"TSNullKeyword",{enumerable:!0,get:function(){return
n.tsNullKeyword}}),Object.defineProperty(t,"TSNumberKeyword",{enumerable:!0,get:function(){return
n.tsNumberKeyword}}),Object.defineProperty(t,"TSObjectKeyword",{enumerable:!0,get:function(){return
n.tsObjectKeyword}}),Object.defineProperty(t,"TSStringKeyword",{enumerable:!0,get:function(){return
n.tsStringKeyword}}),Object.defineProperty(t,"TSSymbolKeyword",{enumerable:!0,get:function(){return
n.tsSymbolKeyword}}),Object.defineProperty(t,"TSUndefinedKeyword",{enumerable:!0,get:function(){return
n.tsUndefinedKeyword}}),Object.defineProperty(t,"TSUnknownKeyword",{enumerable:!0,get:function(){return
n.tsUnknownKeyword}}),Object.defineProperty(t,"TSVoidKeyword",{enumerable:!0,get:function(){return
n.tsVoidKeyword}}),Object.defineProperty(t,"TSThisType",{enumerable:!0,get:function(){return
n.tsThisType}}),Object.defineProperty(t,"TSFunctionType",{enumerable:!0,get:function(){return
n.tsFunctionType}}),Object.defineProperty(t,"TSConstructorType",{enumerable:!0,get:function(){return
n.tsConstructorType}}),Object.defineProperty(t,"TSTypeReference",{enumerable:!0,get:function(){return
n.tsTypeReference}}),Object.defineProperty(t,"TSTypePredicate",{enumerable:!0,get:function(){return
n.tsTypePredicate}}),Object.defineProperty(t,"TSTypeQuery",{enumerable:!0,get:function(){return
n.tsTypeQuery}}),Object.defineProperty(t,"TSTypeLiteral",{enumerable:!0,get:function(){return
n.tsTypeLiteral}}),Object.defineProperty(t,"TSArrayType",{enumerable:!0,get:function(){return
n.tsArrayType}}),Object.defineProperty(t,"TSTupleType",{enumerable:!0,get:function(){return
n.tsTupleType}}),Object.defineProperty(t,"TSOptionalType",{enumerable:!0,get:function(){return
n.tsOptionalType}}),Object.defineProperty(t,"TSRestType",{enumerable:!0,get:function(){return
n.tsRestType}}),Object.defineProperty(t,"TSNamedTupleMember",{enumerable:!0,get:function(){return
n.tsNamedTupleMember}}),Object.defineProperty(t,"TSUnionType",{enumerable:!0,get:function(){return
n.tsUnionType}}),Object.defineProperty(t,"TSIntersectionType",{enumerable:!0,get:function(){return
n.tsIntersectionType}}),Object.defineProperty(t,"TSConditionalType",{enumerable:!0,get:function(){return
n.tsConditionalType}}),Object.defineProperty(t,"TSInferType",{enumerable:!0,get:function(){return
n.tsInferType}}),Object.defineProperty(t,"TSParenthesizedType",{enumerable:!0,get:function(){return
n.tsParenthesizedType}}),Object.defineProperty(t,"TSTypeOperator",{enumerable:!0,get:function(){return
n.tsTypeOperator}}),Object.defineProperty(t,"TSIndexedAccessType",{enumerable:!0,get:function(){return
n.tsIndexedAccessType}}),Object.defineProperty(t,"TSMappedType",{enumerable:!0,get:function(){return
n.tsMappedType}}),Object.defineProperty(t,"TSLiteralType",{enumerable:!0,get:function(){return
n.tsLiteralType}}),Object.defineProperty(t,"TSExpressionWithTypeArguments",{enumerable:!0,get:function(){return
n.tsExpressionWithTypeArguments}}),Object.defineProperty(t,"TSInterfaceDeclaration",{enumerable:!0,get:functi
on(){return
n.tsInterfaceDeclaration}}),Object.defineProperty(t,"TSInterfaceBody",{enumerable:!0,get:function(){return
n.tsInterfaceBody}}),Object.defineProperty(t,"TSTypeAliasDeclaration",{enumerable:!0,get:function(){return
n.tsTypeAliasDeclaration}}),Object.defineProperty(t,"TSAsExpression",{enumerable:!0,get:function(){return
n.tsAsExpression}}),Object.defineProperty(t,"TSTypeAssertion",{enumerable:!0,get:function(){return
n.tsTypeAssertion}}),Object.defineProperty(t,"TSEnumDeclaration",{enumerable:!0,get:function(){return
n.tsEnumDeclaration}}),Object.defineProperty(t,"TSEnumMember",{enumerable:!0,get:function(){return
n.tsEnumMember}}),Object.defineProperty(t,"TSModuleDeclaration",{enumerable:!0,get:function(){return
n.tsModuleDeclaration}}),Object.defineProperty(t,"TSModuleBlock",{enumerable:!0,get:function(){return
n.tsModuleBlock}}),Object.defineProperty(t,"TSImportType",{enumerable:!0,get:function(){return
n.tsImportType}}),Object.defineProperty(t,"TSImportEqualsDeclaration",{enumerable:!0,get:function(){return

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n.tsImportEqualsDeclaration })),Object.defineProperty(t,"TSExternalModuleReference",{enumerable:!0,get:function()
return
n.tsExternalModuleReference })),Object.defineProperty(t,"TSNonNullExpression",{enumerable:!0,get:function(){re
turn
n.tsNonNullExpression })),Object.defineProperty(t,"TSExportAssignment",{enumerable:!0,get:function(){return
n.tsExportAssignment })),Object.defineProperty(t,"TSNamespaceExportDeclaration",{enumerable:!0,get:function()
{return
n.tsNamespaceExportDeclaration })),Object.defineProperty(t,"TSTypeAnnotation",{enumerable:!0,get:function(){re
turn
n.tsTypeAnnotation })),Object.defineProperty(t,"TSTypeParameterInstantiation",{enumerable:!0,get:function(){retu
rn
n.tsTypeParameterInstantiation })),Object.defineProperty(t,"TSTypeParameterDeclaration",{enumerable:!0,get:func
tion(){return
n.tsTypeParameterDeclaration })),Object.defineProperty(t,"TSTypeParameter",{enumerable:!0,get:function(){return
n.tsTypeParameter })),Object.defineProperty(t,"NumberLiteral",{enumerable:!0,get:function(){return
n.numberLiteral })),Object.defineProperty(t,"RegexLiteral",{enumerable:!0,get:function(){return
n.regexLiteral })),Object.defineProperty(t,"RestProperty",{enumerable:!0,get:function(){return
n.restProperty })),Object.defineProperty(t,"SpreadProperty",{enumerable:!0,get:function(){return
n.spreadProperty }));var n=r(3),function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,n.default)(e,!1)};var
n=r(16),function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,n.default)(e)};var
n=r(16),function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,n.default)(e,!0)};var
n=r(16),function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,n.default)(e,!1,!0)};var
n=r(16),function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r,i){return(0,n.default)(e,t,[[{type:i?"
CommentLine":"CommentBlock",value:r}]]);var n=r(108)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return
n.COMMENT_KEYS.forEach(t=>{e[t]=null}),e};var n=r(15),function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.TSBASETYPE_TYPES=t.TSTYPE_TYPES=t.TSTYPE
ELEMENT_TYPES=t.PRIVATE_TYPES=t.JSX_TYPES=t.ENUMMEMBER_TYPES=t.ENUMBODY_TYPES=t
.FLOWPREDICATE_TYPES=t.FLOWDECLARATION_TYPES=t.FLOWBASEANNOTATION_TYPES=t.FLO
WTYPE_TYPES=t.FLOW_TYPES=t.MODULESPECIFIER_TYPES=t.EXPORTDECLARATION_TYPES=t.MO
DULEDECLARATION_TYPES=t.CLASS_TYPES=t.PATTERN_TYPES=t.UNARYLIKE_TYPES=t.PROPERT
Y_TYPES=t.OBJECTMEMBER_TYPES=t.METHOD_TYPES=t.USERWHITESPACABLE_TYPES=t.IMMUTA
BLE_TYPES=t.LITERAL_TYPES=t.TSENTITYNAME_TYPES=t.LVAL_TYPES=t.PATTERNLIKE_TYPES=t
.DECLARATION_TYPES=t.PUREISH_TYPES=t.FUNCTIONPARENT_TYPES=t.FUNCTION_TYPES=t.FORX
STATEMENT_TYPES=t.FOR_TYPES=t.EXPRESSIONWRAPPER_TYPES=t.WHILE_TYPES=t.LOOP_TYPES
=t.CONDITIONAL_TYPES=t.COMPLETIONSTATEMENT_TYPES=t.TERMINATORLESS_TYPES=t.STATE
MENT_TYPES=t.BLOCK_TYPES=t.BLOCKPARENT_TYPES=t.SCOPABLE_TYPES=t.BINARY_TYPES=t.E
XPRESSION_TYPES=void 0;var n=r(6);const
i=n.FLIPPED_ALIAS_KEYS.Expression;t.EXPRESSION_TYPES=i;const
s=n.FLIPPED_ALIAS_KEYS.Binary;t.BINARY_TYPES=s;const
a=n.FLIPPED_ALIAS_KEYS.Scopable;t.SCOPABLE_TYPES=a;const
o=n.FLIPPED_ALIAS_KEYS.BlockParent;t.BLOCKPARENT_TYPES=o;const
l=n.FLIPPED_ALIAS_KEYS.Block;t.BLOCK_TYPES=l;const

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c=n.FLIPPED_ALIAS_KEYS.Statement;t.STATEMENT_TYPES=c;const
p=n.FLIPPED_ALIAS_KEYS.Terminatorless;t.TERMINATORLESS_TYPES=p;const
u=n.FLIPPED_ALIAS_KEYS.CompletionStatement;t.COMPLETIONSTATEMENT_TYPES=u;const
d=n.FLIPPED_ALIAS_KEYS.Conditional;t.CONDITIONAL_TYPES=d;const
h=n.FLIPPED_ALIAS_KEYS.Loop;t.LOOP_TYPES=h;const
f=n.FLIPPED_ALIAS_KEYS.While;t.WHILE_TYPES=f;const
m=n.FLIPPED_ALIAS_KEYS.ExpressionWrapper;t.EXPRESSIONWRAPPER_TYPES=m;const
y=n.FLIPPED_ALIAS_KEYS.For;t.FOR_TYPES=y;const
T=n.FLIPPED_ALIAS_KEYS.ForXStatement;t.FORXSTATEMENT_TYPES=T;const
b=n.FLIPPED_ALIAS_KEYS.Function;t.FUNCTION_TYPES=b;const
g=n.FLIPPED_ALIAS_KEYS.FunctionParent;t.FUNCTIONPARENT_TYPES=g;const
S=n.FLIPPED_ALIAS_KEYS.Pureish;t.PUREISH_TYPES=S;const
x=n.FLIPPED_ALIAS_KEYS.Declaration;t.DECLARATION_TYPES=x;const
E=n.FLIPPED_ALIAS_KEYS.PatternLike;t.PATTERNLIKE_TYPES=E;const
P=n.FLIPPED_ALIAS_KEYS.LVal;t.LVAL_TYPES=P;const
v=n.FLIPPED_ALIAS_KEYS.TEntityName;t.TENTITYNAME_TYPES=v;const
A=n.FLIPPED_ALIAS_KEYS.Literal;t.LITERAL_TYPES=A;const
w=n.FLIPPED_ALIAS_KEYS.Immutable;t.IMMUTABLE_TYPES=w;const
O=n.FLIPPED_ALIAS_KEYS.UserWhitespacable;t.USERWHITESPACABLE_TYPES=O;const
I=n.FLIPPED_ALIAS_KEYS.Method;t.METHOD_TYPES=I;const
C=n.FLIPPED_ALIAS_KEYS.ObjectMember;t.OBJECTMEMBER_TYPES=C;const
N=n.FLIPPED_ALIAS_KEYS.Property;t.PROPERTY_TYPES=N;const
k=n.FLIPPED_ALIAS_KEYS.UnaryLike;t.UNARYLIKE_TYPES=k;const
D=n.FLIPPED_ALIAS_KEYS.Pattern;t.PATTERN_TYPES=D;const
_=n.FLIPPED_ALIAS_KEYS.Class;t.CLASS_TYPES=_;const
L=n.FLIPPED_ALIAS_KEYS.ModuleDeclaration;t.MODULEDECLARATION_TYPES=L;const
M=n.FLIPPED_ALIAS_KEYS.ExportDeclaration;t.EXPORTDECLARATION_TYPES=M;const
j=n.FLIPPED_ALIAS_KEYS.ModuleSpecifier;t.MODULESPECIFIER_TYPES=j;const
F=n.FLIPPED_ALIAS_KEYS.Flow;t.FLOW_TYPES=F;const
R=n.FLIPPED_ALIAS_KEYS.FlowType;t.FLOWTYPE_TYPES=R;const
B=n.FLIPPED_ALIAS_KEYS.FlowBaseAnnotation;t.FLOWBASEANNOTATION_TYPES=B;const
U=n.FLIPPED_ALIAS_KEYS.FlowDeclaration;t.FLOWDECLARATION_TYPES=U;const
V=n.FLIPPED_ALIAS_KEYS.FlowPredicate;t.FLOWPREDICATE_TYPES=V;const
K=n.FLIPPED_ALIAS_KEYS.EnumBody;t.ENUMBODY_TYPES=K;const
q=n.FLIPPED_ALIAS_KEYS.EnumMember;t.ENUMMEMBER_TYPES=q;const
Y=n.FLIPPED_ALIAS_KEYS.JSX;t.JSX_TYPES=Y;const
W=n.FLIPPED_ALIAS_KEYS.Private;t.PRIVATE_TYPES=W;const
X=n.FLIPPED_ALIAS_KEYS.TSTypeElement;t.TSTYPEELEMENT_TYPES=X;const
J=n.FLIPPED_ALIAS_KEYS.TSType;t.TSTYPE_TYPES=J;const
H=n.FLIPPED_ALIAS_KEYS.TSBaseType;t.TSBASETYPE_TYPES=H},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t="body"){return
e[t]=(0,n.default)(e[t],e);var n=r(113)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){"eval"!==(e=(0,n.default)(e))&&"ar
guments"!==(e|("_" +e);return e};var n=r(114)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t=e.key||e.property){!e.computed&&(
0,n.isIdentifier)(t)&&(t=(0,i.stringLiteral)(t.name));return t};var n=r(1),i=r(3)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;var
n=r(1),i=function(e){(0,n.isExpressionStatement)(e)&&(e=e.expression);if((0,n.isExpression)(e))return

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e;(0,n.isClass)(e)?e.type="ClassExpression":(0,n.isFunction)(e)&&(e.type="FunctionExpression");if(!(0,n.isExpression)(e))throw new Error(`cannot turn ${e.type} to an expression`);return e;t.default=i,function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=a;var n=r(1),i=r(16),s=r(115);function a(e,t=e.key){let r;return"method"===e.kind?a.increment()+":(r=(0,n.isIdentifier)(t)?t.name:(0,n.isStringLiteral)(t)?JSON.stringify(t.value):JSON.stringify((0,s.default)((0,i.default)(t))),e.computed&&(r=`[${r}]`),e.static&&(r="static:"+r),r)}a.uid=0,a.increment=function(){return a.uid>=Number.MAX_SAFE_INTEGER?a.uid=0:a.uid++},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){if(null===e||!e.length)return;const r=[],i=(0,n.default)(e,t,r);if(!i)return;for(const e of r)t.push(e);return i};var n=r(294)},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function e(t,r,o){const l=[];let c=!0;for(const p of t)if((0,i.isEmptyStatement)(p)||!(c=!1),(0,i.isExpression)(p))l.push(p);else if((0,i.isExpressionStatement)(p))l.push(p.expression);else if((0,i.isVariableDeclaration)(p)){if("var"!==p.kind)return;for(const e of p.declarations){const t=(0,n.default)(e);for(const e of Object.keys(t))o.push({kind:p.kind,id:(0,a.default)(t[e]));e.init&&l.push((0,s.assignmentExpression)("=",e.id,e.init))}c=!0}else if((0,i.isIfStatement)(p)){const t=p.consequent?e([p.consequent],r,o):r.buildUndefinedNode(),n=p.alternate?e([p.alternate],r,o):r.buildUndefinedNode();if(!t||!n)return;l.push((0,s.conditionalExpression)(p.test,t,n))}else if((0,i.isBlockStatement)(p)){const t=e(p.body,r,o);if(!t)return;l.push(t)}else if(!(0,i.isEmptyStatement)(p))return;0===t.indexOf(p)&&(c=!0)}c&&l.push(r.buildUndefinedNode());return l.length?![0]:(0,s.sequenceExpression)(l)};var n=r(37),i=r(1),s=r(3),a=r(16)},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;var n=r(1),i=r(3),s=function(e,t){if((0,n.isStatement)(e))return e;let r,s=!1;if((0,n.isClass)(e))s=!0,r="ClassDeclaration";else if((0,n.isFunction)(e))s=!0,r="FunctionDeclaration";else if((0,n.isAssignmentExpression)(e))return(0,i.expressionStatement)(e);s&&!e.id&&(r=!1);if(!r){if(t)return!1;throw new Error(`cannot turn ${e.type} to a statement`)}return e.type=r,e;t.default=s},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;var n=r(24),i=r(3),s=function e(t){if(void 0===t)return(0,i.identifier)("undefined");if(!0===t||!1===t)return(0,i.booleanLiteral)(t);if(null===t)return(0,i.nullLiteral)();if("string"===typeof t)return(0,i.stringLiteral)(t);if("number"===typeof t){let e;if(Number.isFinite(t))e=(0,i.numericLiteral)(Math.abs(t));else{let r;r=Number.isNaN(t)?(0,i.numericLiteral)(0):(0,i.numericLiteral)(1),e=(0,i.binaryExpression)("/",r,(0,i.numericLiteral)(0))}return(t<0||Object.is(t,-0))&&(e=(0,i.unaryExpression)("-",e)),e}if(function(e){return"[object RegExp]"===a(e)}(t)){const e=t.source,r=t.toString().match(/\/([a-z+)]$/)[1];return(0,i.regExpLiteral)(e,r)}if(Array.isArray(t))return(0,i.arrayExpression)(t.map(e));if(function(e){if("object"!==typeof e||null===e||"[object Object]"!==Object.prototype.toString.call(e))return!1;const t=Object.getPrototypeOf(e);return null===t||null===Object.getPrototypeOf(t)}(t)){const r=[];for(const s of Object.keys(t)){let a;a=(0,n.default)(s)?(0,i.identifier)(s):(0,i.stringLiteral)(s),r.push((0,i.objectProperty)(a,e[t[s]]))}return(0,i.objectExpression)(r)}throw new Error("don't know how to turn this value into a node")};t.default=s;const a=Function.call.bind(Object.prototype.toString),function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r=!1){return e.object=(0,n.memberExpression)(e.object,e.property,e.computed),e.property=t,e.computed=!!r,e};var n=r(3)},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){if(!e||!t)return e;for(const r of n.INHERIT_KEYS.optional)null===e[r]&&(e[r]=t[r]);for(const r of Object.keys(t))"_===r[0]&&"__clone"!==r&&(e[r]=t[r]);for(const r of n.INHERIT_KEYS.force)e[r]=t[r];return(0,i.default)(e,t,e)};var n=r(15),i=r(111)},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){return

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e.object=(0,n.memberExpression)(t,e.object),e};var n=r(3)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;var
n=r(37),i=function(e,t){return(0,n.default)(e,t,!0)};t.default=i},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){"function"===typeof
t&&(t={enter:t});const{enter:i,exit:s}=t;!function e(t,r,i,s,a){const
o=n.VISITOR_KEYS[t.type];if(!o)return;r&&r(t,a,s);for(const n of o){const o=t[n];if(Array.isArray(o))for(let
l=0;l<o.length;l++){const c=o[l];c&&(a.push({node:t,key:n,index:l}),e(c,r,i,s,a),a.pop())}else
o&&(a.push({node:t,key:n}),e(o,r,i,s,a),a.pop())}i&&i(t,a,s)}(e,i,s,r,[])};var n=r(6)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){if(r&&"Identifier"===e.type&&"
ObjectProperty"===t.type&&"ObjectExpression"===r.type)return!1;const i=n.default.keys[t.type];if(i)for(let
r=0;r<i.length;r++){const n=i[r],s=t[n];if(Array.isArray(s)){if(s.indexOf(e)>=0)return!0}else
if(s===e)return!0}return!1};var n=r(37)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,n.isFunctionDeclaration)(e)|
(0,n.isClassDeclaration)(e)|(0,i.default)(e)};var n=r(1),i=r(118)},function(e,t,r){"use
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return!0;if((0,i.isIdentifier)(e))return"undefined"===e.name;return!1};var n=r(56),i=r(1)},function(e,t,r){"use
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t||"object"!==typeof r||null===t||null===r)return t===r;if(t.type!==r.type)return!1;const
i=Object.keys(n.NODE_FIELDS[t.type]|t.type),s=n.VISITOR_KEYS[t.type];for(const n of i){if(typeof
t[n]!==typeof
r[n])return!1;if(null!==t[n]||null!==r[n]){if(null===t[n]||null===r[n])return!1;if(Array.isArray(t[n])){if(!Array.isArray(r[n]
))return!1;if(t[n].length!==r[n].length)return!1;for(let i=0;i<t[n].length;i++)if(!e(t[n][i],r[n][i]))return!1}else
if("object"!==typeof t[n]||null!==s&&s.includes(n)){if(!e(t[n],r[n]))return!1}else for(const e of
Object.keys(t[n])if(t[n][e]!==r[n][e])return!1}}return!0};var n=r(6)},function(e,t,r){"use
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ession":case"JSXMemberExpression":case"OptionalMemberExpression":return
t.property===e?!t.computed:t.object===e;case"VariableDeclarator":return
t.init===e;case"ArrowFunctionExpression":return
t.body===e;case"PrivateName":return!1;case"ClassMethod":case"ClassPrivateMethod":case"ObjectMethod":if(t.pa
rams.includes(e))return!1;case"ObjectProperty":case"ClassProperty":case"ClassPrivateProperty":return
t.key===e?!t.computed:t.value!==e||(!r||"ObjectPattern"!==r.type);case"ClassDeclaration":case"ClassExpression":r
eturn t.superClass===e;case"AssignmentExpression":case"AssignmentPattern":return
t.right===e;case"LabeledStatement":case"CatchClause":case"RestElement":return!1;case"BreakStatement":case"Co
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ImportDefaultSpecifier":case"ImportNamespaceSpecifier":case"ImportSpecifier":case"JSXAttribute":return!1;case"
ObjectPattern":case"ArrayPattern":case"MetaProperty":return!1;case"ObjectTypeProperty":return
t.key===e;case"TSEnumMember":return t.id===e;case"TSPropertySignature":return
t.key===e||!t.computed}return!0}},function(e,t,r){"use
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,n.isFunction)(t)|(0,n.isCatchClause)(t)))return!1;if((0,n.isPattern)(e)&&((0,n.isFunction)(t)|(0,n.isCatchClause)(t)))
return!0;return(0,n.isScopable)(e)};var n=r(1)},function(e,t,r){"use
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(e)|(0,n.isIdentifier)(e.imported|e.exported,{name:"default"})};var n=r(1)},function(e,t,r){"use
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ar n=r(24);const i=new
Set(["abstract","boolean","byte","char","double","enum","final","float","goto","implements","int","interface","long"
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use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){return new
a(e,t,r).generate(),t.CodeGenerator=void 0;var n=s(r(315)),i=s(r(323));function s(e){return
e&&e.__esModule?e:{default:e}}class a extends i.default{constructor(e,t={},r){super(function(e,t){const
r={ auxiliaryCommentBefore:t. auxiliaryCommentBefore, auxiliaryCommentAfter:t. auxiliaryCommentAfter, shouldPr
intComment:t.shouldPrintComment, retainLines:t.retainLines, retainFunctionParens:t.retainFunctionParens, comment
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omment=r.shouldPrintComment||((=>r.comments):r.shouldPrintComment=r.shouldPrintComment||((e=>r.comment
s||e.indexOf("@license")>=0||e.indexOf("@preserve")>=0));"auto"===r.compact&&(r.compact=e.length>5e5,r.com
pact&&console.error("[BABEL] Note: The code generator has deoptimised the styling of "+t.filename+" as it
exceeds the max of 500KB."));r.compact&&(r.indent.adjustMultilineComment=!1);return r}(r,t),t.sourceMaps?new
n.default(t,r):null),this.ast=void 0,this.ast=e}generate(){return
super.generate(this.ast)}t.CodeGenerator=class{constructor(e,t,r){this._generator=new a(e,t,r)}generate(){return
this._generator.generate()}}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;var
n,i=(n=r(316))&&n.__esModule?n:{default:n};t.default=class{constructor(e,t){this._cachedMap=null,this._code=t,t
his._opts=e,this._rawMappings=[]}get(){if(!this._cachedMap){const e=this._cachedMap=new
i.default.SourceMapGenerator({sourceRoot:this._opts.sourceRoot}),t=this._code;"string"===typeof
t?e.setSourceContent(this._opts.sourceFileName.replace(/\\/g,"/"),t):"object"===typeof
t&&Object.keys(t).forEach(r=>{e.setSourceContent(r.replace(/\\/g,"/"),t[r])}),this._rawMappings.forEach(t=>e.add
Mapping(t,e))return this._cachedMap.toJSON()}getRawMappings(){return
this._rawMappings.slice()}mark(e,t,r,n,i,s,a){this._lastGenLine!==(e&&null===r||a||this._lastGenLine!==(e||this._las
tSourceLine!==(r||this._lastSourceColumn!==(n&&(this._cachedMap=null,this._lastGenLine=e,this._lastSourceLine
=r,this._lastSourceColumn=n,this._rawMappings.push({name:i||void
0,generated:{line:e,column:t},source:null===r?void
0:(s||this._opts.sourceFileName).replace(/\\/g,"/"),original:null===r?void
0:{line:r,column:n}}))}}},function(e,t,r){t.SourceMapGenerator=r(119).SourceMapGenerator,t.SourceMapConsum
er=r(319).SourceMapConsumer,t.SourceNode=r(322).SourceNode},function(e,t){var
r="ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/.split("");t.encode=funct
ion(e){if(0<=e&&e<r.length)return r[e];throw new TypeError("Must be between 0 and 63:
"+e)},t.decode=function(e){return 65<=e&&e<=90?e-65:97<=e&&e<=122?e-97+26:48<=e&&e<=57?e-
48+52:43==e?62:47==e?63:-1}},function(e,t,r){var n=r(25);function
i(){this._array=[],this._sorted=!0,this._last={generatedLine:-
1,generatedColumn:0}}i.prototype.unsortedForEach=function(e,t){this._array.forEach(e,t),i.prototype.add=functio
n(e){var
t,r,i,s,a,o;t=this._last,r=e,i=t.generatedLine,s=r.generatedLine,a=t.generatedColumn,o=r.generatedColumn,s>i||s==i
&&o>=a||n.compareByGeneratedPositionsInflated(t,r)<=0?(this._last=e,this._array.push(e)):this._sorted=!1,this._ar
ray.push(e)},i.prototype.toArray=function(){return
this._sorted?(this._array.sort(n.compareByGeneratedPositionsInflated),this._sorted=!0),this._array},t.MappingList=i
},function(e,t,r){var n=r(25),i=r(320),s=r(121).ArraySet,a=r(120),o=r(321).quickSort;function l(e){var
t=e;return"string"===typeof e&&(t=JSON.parse(e.replace(/^(\\|\\|)'/,""))),null!=t.sections?new u(t):new c(t)}function
c(e){var t=e;"string"===typeof e&&(t=JSON.parse(e.replace(/^(\\|\\|)'/,"")));var
r=n.getArg(t,"version"),i=n.getArg(t,"sources"),a=n.getArg(t,"names",[]),o=n.getArg(t,"sourceRoot",null),l=n.getAr
g(t,"sourcesContent",null),c=n.getArg(t,"mappings"),p=n.getArg(t,"file",null);if(r!=this._version)throw new
Error("Unsupported version: "+r);i=i.map(String).map(n.normalize).map((function(e){return
o&&n.isAbsolute(o)&&n.isAbsolute(e)?n.relative(o,e):e})),this._names=s.fromArray(a.map(String,!0),this._source
s=s.fromArray(i,!0),this.sourceRoot=o,this.sourcesContent=l,this._mappings=c,this.file=p}function
p(){this.generatedLine=0,this.generatedColumn=0,this.source=null,this.originalLine=null,this.originalColumn=null,
this.name=null}function u(e){var t=e;"string"===typeof e&&(t=JSON.parse(e.replace(/^(\\|\\|)'/,"")));var
r=n.getArg(t,"version"),i=n.getArg(t,"sections");if(r!=this._version)throw new Error("Unsupported version:
"+r);this._sources=new s,this._names=new s;var a={line:-
1,column:0};this._sections=i.map((function(e){if(e.url)throw new Error("Support for url field in sections not
implemented.");var

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t=n.getArg(e,"offset"),r=n.getArg(t,"line"),i=n.getArg(t,"column");if(r<a.line||r===a.line&&i<a.column)throw new
Error("Section offsets must be ordered and non-overlapping.");return
a=t,{generatedOffset:{generatedLine:r+1,generatedColumn:i+1},consumer:new
l(n.getArg(e,"map"))}})}l.fromSourceMap=function(e){return
c.fromSourceMap(e),l.prototype._version=3,l.prototype.__generatedMappings=null,Object.defineProperty(l.protot
ype,"_generatedMappings",{get:function(){return
this.__generatedMappings||this._parseMappings(this._mappings,this.sourceRoot),this.__generatedMappings}}),l.pro
totype.__originalMappings=null,Object.defineProperty(l.prototype,"_originalMappings",{get:function(){return
this.__originalMappings||this._parseMappings(this._mappings,this.sourceRoot),this.__originalMappings}}),l.prototy
pe._charIsMappingSeparator=function(e,t){var
r=e.charAt(t);return"====r||","====r",l.prototype._parseMappings=function(e,t){throw new Error("Subclasses must
implement
_parseMappings")},l.GENERATED_ORDER=1,l.ORIGINAL_ORDER=2,l.GREATEST_LOWER_BOUND=1,l.LE
AST_UPPER_BOUND=2,l.prototype.eachMapping=function(e,t,r){var
i,s=t||null;switch(r||l.GENERATED_ORDER){case
l.GENERATED_ORDER:i=this._generatedMappings;break;case
l.ORIGINAL_ORDER:i=this._originalMappings;break;default:throw new Error("Unknown order of iteration.")}var
a=this.sourceRoot;i.map((function(e){var t=null===e.source?null:this._sources.at(e.source);return
null!=t&&null!=a&&(t=n.join(a,t)},{source:t,generatedLine:e.generatedLine,generatedColumn:e.generatedColumn,
originalLine:e.originalLine,originalColumn:e.originalColumn,name:null===e.name?null:this._names.at(e.name)})),
this).forEach(e,s)},l.prototype.allGeneratedPositionsFor=function(e){var
t=n.getArg(e,"line"),r={source:n.getArg(e,"source"),originalLine:t,originalColumn:n.getArg(e,"column",0)};if(null!
=this.sourceRoot&&(r.source=n.relative(this.sourceRoot,r.source),!this._sources.has(r.source))return[];r.source=thi
s._sources.indexOf(r.source);var
s=[],a=this._findMapping(r,this._originalMappings,"originalLine","originalColumn",n.compareByOriginalPositions,
l.LEAST_UPPER_BOUND);if(a>=0){var o=this._originalMappings[a];if(void 0===e.column)for(var
l=o.originalLine;o&&o.originalLine===l;s.push({line:n.getArg(o,"generatedLine",null),column:n.getArg(o,"genera
tedColumn",null),lastColumn:n.getArg(o,"lastGeneratedColumn",null)}),o=this._originalMappings[++a];else
for(var
c=o.originalColumn;o&&o.originalLine===t&&o.originalColumn===c;s.push({line:n.getArg(o,"generatedLine",nul
l),column:n.getArg(o,"generatedColumn",null),lastColumn:n.getArg(o,"lastGeneratedColumn",null)}),o=this._origi
nalMappings[++a])return
s},t.SourceMapConsumer=l,c.prototype=Object.create(l.prototype),c.prototype.consumer=l,c.fromSourceMap=funct
ion(e){var
t=Object.create(c.prototype),r=t._names=s.fromArray(e._names.toArray(),!0),i=t._sources=s.fromArray(e._sources.t
oArray(),!0);t.sourceRoot=e._sourceRoot,t.sourcesContent=e._generateSourcesContent(t._sources.toArray(),t.source
Root),t.file=e._file;for(var
a=e._mappings.toArray().slice(),l=t.__generatedMappings=[],u=t.__originalMappings=[],d=0,h=a.length;d<h;d++){
var f=a[d],m=new
p;m.generatedLine=f.generatedLine,m.generatedColumn=f.generatedColumn,f.source&&(m.source=i.indexOf(f.sou
rce),m.originalLine=f.originalLine,m.originalColumn=f.originalColumn,f.name&&(m.name=r.indexOf(f.name)),u.p
ush(m)),l.push(m)}return
o(t.__originalMappings,n.compareByOriginalPositions),t},c.prototype._version=3,Object.defineProperty(c.prototyp
e,"sources",{get:function(){return this._sources.toArray().map((function(e){return
null!=this.sourceRoot?n.join(this.sourceRoot,e):e})),this)}),c.prototype._parseMappings=function(e,t){for(var
r,i,s,l,c,u=1,d=0,h=0,f=0,m=0,y=0,T=e.length,b=0,g={},S={},x=[],E=[];b<T;if("====e.charAt(b)u++,b++,d=0;els
e if("====e.charAt(b)b++;else{for((r=new
p).generatedLine=u,l=b;l<T&&!this._charIsMappingSeparator(e,l);l++);if(s=g[i=e.slice(b,l)])b+=i.length;else{for(s

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= []; b < 1; a.decode(e, b, S), c = S.value, b = S.rest, s.push(c); if (2 === s.length) throw new Error("Found a source, but no line and column"); if (3 === s.length) throw new Error("Found a source and line, but no column"); g[i] = s; r.generatedColumn = d + s[0], d = r.generatedColumn, s.length > 1 && (r.source = m + s[1], m += s[1], r.originalLine = h + s[2], h = r.originalLine, r.originalLine += 1, r.originalColumn = f + s[3], f = r.originalColumn, s.length > 4 && (r.name = y + s[4], y += s[4])), E.push(r, "number" === type of r.originalLine && x.push(r)) o(E, n.compareByGeneratedPositionsDeflated), this.__generatedMappings = E, o(x, n.compareByOriginalPositions), this.__originalMappings = x, c.prototype._findMapping = function(e, t, r, n, s, a) { if (e[r] <= 0) throw new TypeError("Line must be greater than or equal to 1, got "+e[r]); if (e[n] < 0) throw new TypeError("Column must be greater than or equal to 0, got "+e[n]); return i.search(e, t, s, a), c.prototype.computeColumnSpans = function() { for (var e = 0; e < this.__generatedMappings.length; ++e) { var t = this.__generatedMappings[e]; if (e + 1 < this.__generatedMappings.length) { var r = this.__generatedMappings[e + 1]; if (t.generatedLine === r.generatedLine) { t.lastGeneratedColumn = r.generatedColumn - 1; continue; } t.lastGeneratedColumn = 1 / 0; } }, c.prototype.originalPositionFor = function(e) { var t = { generatedLine: n.getArg(e, "line"), generatedColumn: n.getArg(e, "column") }, r = this._findMapping(t, this.__generatedMappings, "generatedLine", "generatedColumn", n.compareByGeneratedPositionsDeflated, n.getArg(e, "bias"), l.GREATEST_LOWER_BOUND); if (r >= 0) { var i = this.__generatedMappings[r]; if (i.generatedLine === t.generatedLine) { var s = n.getArg(i, "source", null); null !== s && (s = this._sources.at(s), null !== this.sourceRoot && (s = n.join(this.sourceRoot, s))); var a = n.getArg(i, "name", null); return null !== a && (a = this._names.at(a)), { source: s, line: n.getArg(i, "originalLine", null), column: n.getArg(i, "originalColumn", null), name: a } } return { source: null, line: null, column: null, name: null } }, c.prototype.hasContentsOfAllSources = function() { return !!(this.sourcesContent && (this.sourcesContent.length >= this._sources.size()) && !this.sourcesContent.some(function(e) { return null === e })); }, c.prototype.sourceContentFor = function(e, t) { if (!this.sourcesContent) return null; if (null !== this.sourceRoot && (e = n.relative(this.sourceRoot, e)), this._sources.has(e)) return this.sourcesContent[this._sources.indexOf(e)]; var r; if (null !== this.sourceRoot && (r = n.urlParse(this.sourceRoot))) { var i = e.replace(/^file:\//, ""); if ("file" === r.scheme && this._sources.has(i)) return this.sourcesContent[this._sources.indexOf(i)]; if (!r.path || "/" === r.path) && this._sources.has("/" + e)) return this.sourcesContent[this._sources.indexOf("/" + e)]; if (t) return null; throw new Error("'" + e + "' is not in the SourceMap."); }, c.prototype.generatedPositionFor = function(e) { var t = n.getArg(e, "source"); if (null !== this.sourceRoot && (t = n.relative(this.sourceRoot, t)), !this._sources.has(t)) return { line: null, column: null, lastColumn: null }; var r = { source: t = this._sources.indexOf(t), originalLine: n.getArg(e, "line"), originalColumn: n.getArg(e, "column") }, i = this._findMapping(r, this.__originalMappings, "originalLine", "originalColumn", n.compareByOriginalPositions, n.getArg(e, "bias"), l.GREATEST_LOWER_BOUND); if (i >= 0) { var s = this.__originalMappings[i]; if (s.source === r.source) return { line: n.getArg(s, "generatedLine", null), column: n.getArg(s, "generatedColumn", null), lastColumn: n.getArg(s, "lastGeneratedColumn", null) } } return { line: null, column: null, lastColumn: null }, t.BasicSourceMapConsumer = c, u.prototype = Object.create(l.prototype), u.prototype.constructor = l, u.prototype._version = 3, Object.defineProperty(u.prototype, "sources", { get: function() { for (var e = [], t = 0; t < this._sections.length; t++) for (var r = 0; r < this._sections[t].consumer.sources.length; r++) e.push(this._sections[t].consumer.sources[r]); return e } }, u.prototype.originalPositionFor = function(e) { var t = { generatedLine: n.getArg(e, "line"), generatedColumn: n.getArg(e, "column") }, r = i.search(t, this._sections, (function(e, t) { var r = e.generatedLine - t.generatedOffset.generatedLine; return r | e.generatedColumn - t.generatedOffset.generatedColumn })), s = this._sections[r]; return s ? s.consumer.originalPositionFor({ line: t.generatedLine - (s.generatedOffset.generatedLine - 1), column: t.generatedColumn - (s.generatedOffset.generatedLine === t.generatedLine ? s.generatedOffset.generatedColumn -

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1:0),bias:e.bias}):{source:null,line:null,column:null,name:null}},u.prototype.hasContentsOfAllSources=function(){r
return this._sections.every((function(e){return
e.consumer.hasContentsOfAllSources()})),u.prototype.sourceContentFor=function(e,t){for(var
r=0;r<this._sections.length;r++){var n=this._sections[r].consumer.sourceContentFor(e,!0);if(n)return n}if(t)return
null;throw new Error(""+e+" is not in the SourceMap.")},u.prototype.generatedPositionFor=function(e){for(var
t=0;t<this._sections.length;t++){var r=this._sections[t];if(-
1!==r.consumer.sources.indexOf(n.getArg(e,"source"))){var
i=r.consumer.generatedPositionFor(e);if(i)return {line:i.line+(r.generatedOffset.generatedLine-
1),column:i.column+(r.generatedOffset.generatedLine===i.line?r.generatedOffset.generatedColumn-
1:0)}}}return {line:null,column:null}},u.prototype._parseMappings=function(e,t){this.__generatedMappings=[],this.
__originalMappings=[];for(var r=0;r<this._sections.length;r++)for(var
i=this._sections[r],s=i.consumer._generatedMappings,a=0;a<s.length;a++){var
l=s[a],c=i.consumer._sources.at(l.source);null!==i.consumer.sourceRoot&&(c=n.join(i.consumer.sourceRoot,c)),thi
s._sources.add(c),c=this._sources.indexOf(c);var
p=i.consumer._names.at(l.name);this._names.add(p),p=this._names.indexOf(p);var
u={source:c,generatedLine:l.generatedLine+(i.generatedOffset.generatedLine-
1),generatedColumn:l.generatedColumn+(i.generatedOffset.generatedLine===l.generatedLine?i.generatedOffset.ge
neratedColumn-
1:0),originalLine:l.originalLine,originalColumn:l.originalColumn,name:p};this.__generatedMappings.push(u),"num
ber"===typeof
u.originalLine&&this.__originalMappings.push(u)}o(this.__generatedMappings,n.compareByGeneratedPositionsD
eflated),o(this.__originalMappings,n.compareByOriginalPositions)},t.IndexedSourceMapConsumer=u},function(e,t
){t.GREATEST_LOWER_BOUND=1,t.LEAST_UPPER_BOUND=2,t.search=function(e,r,n,i){if(0===r.length)ret
urn-1;var s=function e(r,n,i,s,a,o){var l=Math.floor((n-r)/2)+r,c=a(i,s[l],!0);return 0===c?!>c?0?n-
l>1?e(l,n,i,s,a,o):o===t.LEAST_UPPER_BOUND?n<s.length?n-1:l:l-
r>1?e(r,l,i,s,a,o):o===t.LEAST_UPPER_BOUND?!r<0?-1:r}(-
1,r.length,e,r,n,i)||t.GREATEST_LOWER_BOUND);if(s<0)return-1;for(;s-1>=0&&0===n(r[s],r[s-1],!0);)--s;return
s}},function(e,t){function r(e,t,r){var n=e[t];e[t]=e[r],e[r]=n}function n(e,t,i,s){if(i<s){var a=i-
1;r(e,(p=i,u=s,Math.round(p+Math.random()*(u-p))),s);for(var
o=e[s],l=i;l<s;l++)t(e[l],o)<=0&&r(e,a+1,l);r(e,a+1,l);var c=a+1;n(e,t,i,c-1),n(e,t,c+1,s)}var
p,u}t.quickSort=function(e,t){n(e,t,0,e.length-1)},function(e,t,r){var
n=r(119).SourceMapGenerator,i=r(25),s=/(\r?\n)/,a="$$$isSourceNode$$$";function
o(e,t,r,n,i){this.children=[],this.sourceContents={},this.line=null===e?null:e,this.column=null===t?null:t,this.source=
null===r?null:r,this.name=null===i?null:i,this[a]=!0,null!==n&&this.add(n)}o.fromSourceMap=function(e,t,
r){var n=new o,a=e.split(s),l=0,c=function(){return e()+(e()!)};function e(){return l<a.length?a[l++]:void
0}},p=1,u=0,d=null;return t.eachMapping((function(e){if(null!==d){if(!(p<e.generatedLine)){var
t=(r=a[l]).substr(0,e.generatedColumn-u);return a[l]=r.substr(e.generatedColumn-
u),u=e.generatedColumn,h(d,t),void(d=e)}h(d,c()),p++,u=0}for(;p<e.generatedLine;)n.add(c()),p++;if(u<e.generat
edColumn){var
r=a[l];n.add(r.substr(0,e.generatedColumn)),a[l]=r.substr(e.generatedColumn),u=e.generatedColumn}d=e}),this),l<a
.length&&(d&&h(d,c)),n.add(a.splice(l).join("")),t.sources.forEach((function(e){var
s=t.sourceContentFor(e);null!=s&&(null!=r&&(e=i.join(r,e)),n.setSourceContent(e,s)})),n,function
h(e,t){if(null===e||void 0===e.source)n.add(t);else{var s=r?i.join(r,e.source):e.source;n.add(new
o(e.originalLine,e.originalColumn,s,t,e.name))}},o.prototype.add=function(e){if(Array.isArray(e))e.forEach((func
tion(e){this.add(e)}),this);else{if(!e[a]&&"string"!==typeof e)throw new TypeError("Expected a SourceNode, string,
or an array of SourceNodes and strings. Got "+e);e&&this.children.push(e)}return
this},o.prototype.prepend=function(e){if(Array.isArray(e))for(var t=e.length-1;t>=0;t--
)this.prepend(e[t]);else{if(!e[a]&&"string"!==typeof e)throw new TypeError("Expected a SourceNode, string, or an

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array of SourceNodes and strings. Got "+e);this.children.unshift(e)}return
this},o.prototype.walk=function(e){for(var
t,r=0,n=this.children.length;r<n;r++)(t=this.children[r])[a]?t.walk(e):""!==t&&e(t,{source:this.source,line:this.line,c
olumn:this.column,name:this.name}),o.prototype.join=function(e){var
t,r,n=this.children.length;if(n>0){for(t=[],r=0;r<n-
1;r++)t.push(this.children[r]),t.push(e);t.push(this.children[r]),this.children=t}return
this},o.prototype.replaceRight=function(e,t){var r=this.children[this.children.length-1];return
r[a]?r.replaceRight(e,t):"string"===typeof r?this.children[this.children.length-
1]=r.replace(e,t):this.children.push("".replace(e,t)),this},o.prototype.setSourceContent=function(e,t){this.sourceCont
ents[i.toSetString(e)]=t},o.prototype.walkSourceContents=function(e){for(var
t=0,r=this.children.length;t<r;t++)this.children[t][a]&&this.children[t].walkSourceContents(e);var
n=Object.keys(this.sourceContents);for(t=0,r=n.length;t<r;t++)e(i.fromSetString(n[t]),this.sourceContents[n[t]]),o.
prototype.toString=function(){var e="";return
this.walk((function(t){e+=t})),e},o.prototype.toStringWithSourceMap=function(e){var
t={code:"",line:1,column:0},r=new n(e),i=!1,s=null,a=null,o=null,l=null;return
this.walk((function(e,n){t.code+=e,null!==(n.source&&null!==(n.line&&null!==(n.column?(s===n.source&&a===n.l
ine&&o===n.column&&l===n.name||r.addMapping({source:n.source,original:{line:n.line,column:n.column},gener
ated:{line:t.line,column:t.column},name:n.name}),s=n.source,a=n.line,o=n.column,l=n.name,i=!0):i&&(r.addMappi
ng({generated:{line:t.line,column:t.column}),s=null,i=!1);for(var
c=0,p=e.length;c<p;c++)10===e.charCodeAt(c)?(t.line++,t.column=0,c+1===p?(s=null,i=!1):i&&r.addMapping({s
ource:n.source,original:{line:n.line,column:n.column},generated:{line:t.line,column:t.column},name:n.name})):t.col
umn++)),this.walkSourceContents((function(e,t){r.setSourceContent(e,t)})),{code:t.code,map:r}},t.SourceNode=o
},function(e,t,r){ "use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;var
n,i=(n=r(324))&&n.__esModule?n:{default:n},s=c(r(122)),a=c(r(0)),o=c(r(327));function l(){if("function"!==typeof
WeakMap)return null;var e=new WeakMap;return l=function(){return e},e}function
c(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var
t=l();if(t&&t.has(e))return t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i
in e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get|s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}return
r.default=e,t&&t.set(e,r),r}const p=/e/i,u=^\.0+$/,d=^/0[box]/,h=/^s*[@#]__PURE__\s*$/;class
f{constructor(e,t){this.inForStatementInitCounter=0,this._printStack=[],this._indent=0,this._insideAux=!1,this._prin
tedCommentStarts={},this._parenPushNewlineState=null,this._noLineTerminator=!1,this._printAuxAfterOnNextUs
erNode=!1,this._printedComments=new
WeakSet,this._endsWithInteger=!1,this._endsWithWord=!1,this.format=e||{ },this._buf=new
i.default(t)}generate(e){return
this.print(e),this._maybeAddAuxComment(),this._buf.get()}indent(){this.format.compact||this.format.concise||this._i
ndent++}dedent(){this.format.compact||this.format.concise||this._indent--
}semicolon(e=!1){this._maybeAddAuxComment(),this._append(";"+e)}rightBrace(){this.format.minified&&this._b
uf.removeLastSemicolon(),this.token("}")space(e=!1){this.format.compact||(this._buf.hasContent())&&!this.endsW
ith("
")&&!this.endsWith("\n")||e}&&this._space()}word(e){(this._endsWithWord||this.endsWith("/")&&0===e.indexOf(
"/"))&&this._space(),this._maybeAddAuxComment(),this._append(e),this._endsWithWord=!0}number(e){this.wor
d(e),this._endsWithInteger=Number.isInteger(+e)&&!d.test(e)&&!p.test(e)&&!u.test(e)&&"."!==e[e.length-
1]}token(e){("--"===e&&this.endsWith("!"))||("+"===e[0]&&this.endsWith("+"))||("-"===e[0]&&this.endsWith("-
"))||"."===e[0]&&this._endsWithInteger}&&this._space(),this._maybeAddAuxComment(),this._append(e)}newline(
e){if(!this.format.retainLines&&!this.format.compact)if(this.format.concise)this.space();else
if(!(this.endsWith("\n\n"))||("number"!==typeof
e&&(e=1),e=Math.min(2,e),(this.endsWith("\n")||this.endsWith(":n"))&&e--,e<=0)))for(let

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t=0;t<e;t++)this._newline()}endsWith(e){return
this._buf.endsWith(e)}removeTrailingNewline(){this._buf.removeTrailingNewline()}exactSource(e,t){this._catchUp
p("start",e),this._buf.exactSource(e,t)}source(e,t){this._catchUp(e,t),this._buf.source(e,t)}withSource(e,t,r){this._cat
chUp(e,t),this._buf.withSource(e,t,r)}_space(){this._append("
,!0)}_newline(){this._append("\n",!0)}_append(e,t=!1){this._maybeAddParen(e),this._maybeIndent(e),t?this._buf.
queue(e):this._buf.append(e),this._endsWithWord=!1,this._endsWithInteger=!1}_maybeIndent(e){this._indent&&t
his.endsWith("\n")&&"\n"!==e[0]&&this._buf.queue(this._getIndent())}_maybeAddParen(e){const
t=this._parenPushNewlineState;if(!t)return;let r;for(r=0;r<e.length&&"
===e[r;r++])continue;if(r===e.length)return;const n=e[r];if("\n"!==n){if("/"!==n||r+1===e.length)return
void(this._parenPushNewlineState=null);const t=e[r+1];if("*"===t){if(h.test(e.slice(r+2,e.length-2)))return}else
if("/"!==t)return
void(this._parenPushNewlineState=null)}this.token("("),this.indent(),t.printed=!0}_catchUp(e,t){if(!this.format.retain
Lines)return;const r=t?t[e]:null;if(null!=(null==r?void 0:r.line)){const e=r.line-this._buf.getCurrentLine();for(let
t=0;t<e;t++)this._newline()}_getIndent(){return
this.format.indent.style.repeat(this._indent)}startTerminatorless(e=!1){return
e?(this._noLineTerminator=!0,null):this._parenPushNewlineState={printed:!1}}endTerminatorless(e){this._noLine
Terminator=!1,(null==e?void
0:e.printed)&&(this.dedent(),this.newline(),this.token("))")}print(e,t){if(!e)return;const
r=this.format.concise;e._compact&&(this.format.concise=!0);const n=this[e.type];if(!n)throw new
ReferenceError(`unknown node of type ${JSON.stringify(e.type)} with constructor ${JSON.stringify(null==e?void
0:e.constructor.name)}`);this._printStack.push(e);const
i=this._insideAux;this._insideAux=!e.loc,this._maybeAddAuxComment(this._insideAux&&i);let
o=s.needsParens(e,t,this._printStack);this.format.retainFunctionParens&&"FunctionExpression"===e.type&&e.extra
a&&e.extra.parenthesized&&(o=!0),o&&this.token("("),this._printLeadingComments(e);const
l=a.isProgram(e)||a.isFile(e)?null:e.loc;this.withSource("start",l,()=>{n.call(this,e,t)}),this._printTrailingComments(
e),o&&this.token(")",this._printStack.pop(),this.format.concise=r,this._insideAux=i)_maybeAddAuxComment(e){
e&&this._printAuxBeforeComment(),this._insideAux||this._printAuxAfterComment()}_printAuxBeforeComment()
{if(this._printAuxAfterOnNextUserNode)return;this._printAuxAfterOnNextUserNode=!0;const
e=this.format.auxiliaryCommentBefore;e&&this._printComment({type:"CommentBlock",value:e})}_printAuxAfter
Comment(){if(!this._printAuxAfterOnNextUserNode)return;this._printAuxAfterOnNextUserNode=!1;const
e=this.format.auxiliaryCommentAfter;e&&this._printComment({type:"CommentBlock",value:e})}getPossibleRaw(
e){const t=e.extra;if(t&&null!=t.raw&&null!=t.rawValue&&e.value===t.rawValue)return
t.raw}printJoin(e,t,r={}){if(!(null==e?void 0:e.length))return;r.indent&&this.indent();const
n={addNewlines:r.addNewlines};for(let i=0;i<e.length;i++){const
s=e[i];s&&(r.statement&&this._printNewline(!0,s,t,n),this.print(s,t),r.iterator&&r.iterator(s,i),r.separator&&i<e.len
gth-
1&&r.separator.call(this),r.statement&&this._printNewline(!1,s,t,n))}r.indent&&this.dedent()}printAndIndentOnCo
mments(e,t){const
r=e.leadingComments&&e.leadingComments.length>0;r&&this.indent(),this.print(e,t),r&&this.dedent()}printBlock
(e){const
t=e.body;a.isEmptyStatement(t)||this.space(),this.print(t,e)}_printTrailingComments(e){this._printComments(this._g
etComments(!1,e))}_printLeadingComments(e){this._printComments(this._getComments(!0,e,!0)}printInnerCom
ments(e,t=!0){var r;(null==(r=e.innerComments)?void
0:r.length)&&(t&&this.indent(),this._printComments(e.innerComments),t&&this.dedent())}printSequence(e,t,r={})
{return r.statement=!0,this.printJoin(e,t,r)}printList(e,t,r={}){return
null==r.separator&&(r.separator=m),this.printJoin(e,t,r)}_printNewline(e,t,r,n){if(this.format.retainLines||this.forma
t.compact)return;if(this.format.concise)return void this.space();let
i=0;if(this._buf.hasContent()){e||i++,n.addNewlines&&(i+=n.addNewlines(e,t)||0),(e?s.needsWhitespaceBefore:s.ne

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edsWhitespaceAfter)(t,r)&&i++)this.newline(i)}_getComments(e,t){return
t&&(e?t.leadingComments:t.trailingComments)||[]}_printComment(e,t){if(!this.format.shouldPrintComment(e.value))return;if(e.ignore)return;if(this._printedComments.has(e))return;if(this._printedComments.add(e),null!=e.start){if
(this._printedCommentStarts[e.start])return;this._printedCommentStarts[e.start]=!0}const
r="CommentBlock"===e.type,n=r&&!t&&!this._noLineTerminator;n&&this._buf.hasContent()&&this.newline(1),t
his.endsWith("[")||this.endsWith("{}")||this.space();let
i=r||this._noLineTerminator?/*$ {e.value}*/^:/$ {e.value}\n`;if(r&&this.format.indent.adjustMultilineComment){v
ar s;const t=null==(s=e.loc)?void 0:s.start.column;if(t){const e=new
RegExp("\\n\\s{1,}+ "+"","g");i=i.replace(e,"\\n")}const
r=Math.max(this._getIndent().length,this.format.retainLines?0:this._buf.getCurrentColumn());i=i.replace(/^(?!$)/g,
"\\n"+"
.repeat(r))}this.endsWith("/")&&this._space(),this.withSource("start",e.loc,()=>{this._append(i)}),n&&this.newlin
e(1)}_printComments(e,t){if(null==e?void
0:e.length)if(t&&1===e.length&&h.test(e[0].value))this._printComment(e[0],this._buf.hasContent()&&!this.endsWith
ith("\\n"));else for(const t of e)this._printComment(t)}printAssertions(e){var t;(null==(t=e.assertions)?void
0:t.length)&&(this.space(),this.word("assert"),this.space(),this.token("{}"),this.space(),this.printList(e.assertions,e),th
is.space(),this.token("{}"))}function
m(){this.token(""),this.space()}t.default=f,Object.assign(f.prototype,o),function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;const n=/^[
\t]+$/;t.default=class{constructor(e){this._map=null,this._buf=[],this._last="",this._queue=[],this._position={line:1,
column:0},this._sourcePosition={identifierName:null,line:null,column:null,filename:null},this._disallowedPop=null
,this._map=e}get(){this._flush();const
e=this._map,t={code:this._buf.join("").trimRight(),map:null,rawMappings:null==e?void
0:e.getRawMappings()};return e&&Object.defineProperty(t,"map",{configurable:!0,enumerable:!0,get(){return
this.map=e.get()},set(e){Object.defineProperty(this,"map",{value:e,writable:!0})}}),t}append(e){this._flush();const
{line:t,column:r,filename:n,identifierName:i,force:s}=this._sourcePosition;this._append(e,t,r,i,n,s)}queue(e){if("\\n"
===e)for(;this._queue.length>0&&n.test(this._queue[0][0]);)this._queue.shift();const{line:t,column:r,filename:i,ide
ntifierName:s,force:a}=this._sourcePosition;this._queue.unshift([e,t,r,s,i,a])}_flush(){let
e;for(;e=this._queue.pop();){this._append(...e)}_append(e,t,r,n,i,s){this._buf.push(e),this._last=e[e.length-1];let
a=e.indexOf("\\n"),o=0;for(0!=a&&this._mark(t,r,n,i,s);-
1!=a;){this._position.line++,this._position.column=0,o=a+1,o<e.length&&this._mark(++t,0,n,i,s),a=e.indexOf("\\n",
o);this._position.column+=e.length-o}_mark(e,t,r,n,i){var
s;null==(s=this._map)||s.mark(this._position.line,this._position.column,e,t,r,n,i)}removeTrailingNewline(){this._que
ue.length>0&&"\\n"===this._queue[0][0]&&this._queue.shift()}removeLastSemicolon(){this._queue.length>0&&"
"===this._queue[0][0]&&this._queue.shift()}endsWith(e){if(1===e.length){let t;if(this._queue.length>0){const
e=this._queue[0][0];t=e[e.length-1]}else t=this._last;return t===e}const
t=this._last+this._queue.reduce((e,t)=>t[0]+e,"");return e.length<=t.length&&t.slice(-
e.length)===e}hasContent(){return
this._queue.length>0||!this._last}exactSource(e,t){this.source("start",e,!0),t(),this.source("end",e),this._disallowPop
("start",e)}source(e,t,r){e&&!t||this._normalizePosition(e,t,this._sourcePosition,r)}withSource(e,t,r){if(!this._map)re
turn r();const
n=this._sourcePosition.line,i=this._sourcePosition.column,s=this._sourcePosition.filename,a=this._sourcePosition.id
entifierName;this.source(e,t,r),this._sourcePosition.force&&this._sourcePosition.line===n&&this._sourcePosition
.column===i&&this._sourcePosition.filename===s||this._disallowedPop&&this._disallowedPop.line===n&&this._
disallowedPop.column===i&&this._disallowedPop.filename===s||(this._sourcePosition.line=n,this._sourcePosition.
column=i,this._sourcePosition.filename=s,this._sourcePosition.identifierName=a,this._sourcePosition.force=!1,this.
_disallowedPop=null)}_disallowPop(e,t){e&&!t||this._disallowedPop=this._normalizePosition(e,t)}_normalizePos
ition(e,t,r,n){const i=t?t[e]:null;void

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0===r&&(r={ identifierName:null,line:null,column:null,filename:null,force:!1 });const
s=r.line,a=r.column,o=r.filename;return r.identifierName="start"===e&&(null==t?void
0:t.identifierName)||null,r.line=null==i?void 0:i.line,r.column=null==i?void 0:i.column,r.filename=null==t?void
0:t.filename,(n||r.line!==s||r.column!==a||r.filename!==o)&&(r.force=n),r) getCurrentColumn(){ const
e=this._queue.reduce((e,t)=>[0]+e,""),t=e.lastIndexOf("\n");return-1===t?this._position.column+e.length:e.length-
1-t} getCurrentLine(){ const e=this._queue.reduce((e,t)=>[0]+e,"");let t=0;for(let
r=0;r<e.length;r++)"\n"===e[r]&&t++;return this._position.line+t } },function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.list=t.nodes=void 0;var
n=function(e){ if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{ default:e };var t=i();if(t&&t.has(e))return t.get(e);var
r={ },n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){ var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){ if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){ return e },e}function s(e,t={ }){ return
n.isMemberExpression(e)||n.isOptionalMemberExpression(e)?(s(e.object,t),e.computed&&s(e.property,t)):n.isBinary
y(e)||n.isAssignmentExpression(e)?(s(e.left,t),s(e.right,t)):n.isCallExpression(e)||n.isOptionalCallExpression(e)?(t.ha
sCall=!0,s(e.callee,t)):n.isFunction(e)?t.hasFunction=!0:n.isIdentifier(e)&&(t.hasHelper=t.hasHelper||a(e.callee)),t)f
unction a(e){ return
n.isMemberExpression(e)?a(e.object)||a(e.property):n.isIdentifier(e)?"require"===e.name||"_"===e.name[0]:n.isCall
Expression(e)?a(e.callee):(!n.isBinary(e)&&!n.isAssignmentExpression(e)&&(n.isIdentifier(e.left)&&a(e.left)||a(e
.right)))}function o(e){ return
n.isLiteral(e)||n.isObjectExpression(e)||n.isArrayExpression(e)||n.isIdentifier(e)||n.isMemberExpression(e)}const
l={ AssignmentExpression(e){ const
t=s(e.right);if(t.hasCall&&t.hasHelper||t.hasFunction)return{ before:t.hasFunction,after:!0 } },SwitchCase:(e,t)=>({ be
fore:e.consequent.length||t.cases[0]===e,after:!e.consequent.length&&t.cases[t.cases.length-
1]===e}),LogicalExpression(e){ if(n.isFunction(e.left)||n.isFunction(e.right))return{ after:!0 } },Literal(e){ if("use
strict"===e.value)return{ after:!0 } },CallExpression(e){ if(n.isFunction(e.callee)||a(e))return{ before:!0,after:!0 } },Opti
onalCallExpression(e){ if(n.isFunction(e.callee))return{ before:!0,after:!0 } },VariableDeclaration(e){ for(let
t=0;t<e.declarations.length;t++){ const r=e.declarations[t];let n=a(r.id)&&!o(r.init);if(!n){ const
e=s(r.init);n=a(r.init)&&e.hasCall||e.hasFunction }if(n)return{ before:!0,after:!0 } },IfStatement(e){ if(n.isBlockState
ment(e.consequent))return{ before:!0,after:!0 } };t.nodes=l,l.ObjectProperty=l.ObjectTypeProperty=l.ObjectMethod
=function(e,t){ if(t.properties[0]===e)return{ before:!0 } },l.ObjectTypeCallProperty=function(e,t){ var
r;if(t.callProperties[0]===e&&(null==(r=t.properties)?void
0:r.length))return{ before:!0 } },l.ObjectTypeIndexer=function(e,t){ var
r,n;if(t.indexers[0]===e&&(null==(r=t.properties)?void 0:r.length)&&(null==(n=t.callProperties)?void
0:n.length))return{ before:!0 } },l.ObjectTypeInternalSlot=function(e,t){ var
r,n,i;if(t.internalSlots[0]===e&&(null==(r=t.properties)?void 0:r.length)&&(null==(n=t.callProperties)?void
0:n.length)&&(null==(i=t.indexers)?void 0:i.length))return{ before:!0 } };const
c={ VariableDeclaration:e=>e.declarations.map(e=>e.init),ArrayExpression:e=>e.elements,ObjectExpression:e=>e.p
roperties};t.list=c,[["Function",!0],["Class",!0],["Loop",!0],["LabeledStatement",!0],["SwitchStatement",!0],["TrySt
atement",!0]].forEach((function([e,t]){ "boolean"===typeof
t&&(t={ after:t,before:t}),"[e].concat(n.FLIPPED_ALIASES_KEYS[e]||[]).forEach((function(e){ l[e]=function(){ return
t } })))}),function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.NullableTypeAnnotation=function(e,t){ return
n.isArrayTypeAnnotation(t),t.FunctionTypeAnnotation=function(e,t,r){ return
n.isUnionTypeAnnotation(t)||n.isIntersectionTypeAnnotation(t)||n.isArrayTypeAnnotation(t)||n.isTypeAnnotation(t)
&&n.isArrowFunctionExpression(r[r.length-3])},t.UpdateExpression=function(e,t){ return

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o(e,t)||a(e,t)},t.ObjectExpression=function(e,t,r){return
p(r,{considerArrow:!0}),t.DoExpression=function(e,t,r){return
p(r)},t.Binary=function(e,t){if("**"===e.operator&&n.isBinaryExpression(t,{operator:"**"}))return
t.left===e;if(a(e,t))return!0;if(o(e,t)||n.isUnaryLike(t)||n.isAwaitExpression(t))return!0;if(n.isBinary(t)){const
r=t.operator,i=s[r],a=e.operator,o=s[a];if(i===o&&t.right===e&&!n.isLogicalExpression(t)||i>o)return!0}},t.Interse
ctionTypeAnnotation=t.UnionTypeAnnotation=function(e,t){return
n.isArrayTypeAnnotation(t)||n.isNullableTypeAnnotation(t)||n.isIntersectionTypeAnnotation(t)||n.isUnionTypeAnno
tation(t)},t.TSAsExpression=function(){return!0},t.TSTypeAssertion=function(){return!0},t.TSIntersectionType=t.
TSUnionType=function(e,t){return
n.isTSArrayType(t)||n.isTSOptionalType(t)||n.isTSIntersectionType(t)||n.isTSUnionType(t)||n.isTSRestType(t)},t.TS
InferType=function(e,t){return
n.isTSArrayType(t)||n.isTSOptionalType(t)},t.BinaryExpression=function(e,t){return"in"===e.operator&&(n.isVari
ableDeclarator(t)||n.isFor(t)),t.SequenceExpression=function(e,t){if(n.isForStatement(t)||n.isThrowStatement(t)||n.is
ReturnStatement(t)||n.isIfStatement(t)&&t.test===e||n.isWhileStatement(t)&&t.test===e||n.isForInStatement(t)&&t.
right===e||n.isSwitchStatement(t)&&t.discriminant===e||n.isExpressionStatement(t)&&t.expression===e)return!1;r
eturn!0},t.AwaitExpression=t.YieldExpression=function(e,t){return
n.isBinary(t)||n.isUnaryLike(t)||o(e,t)||n.isAwaitExpression(t)&&n.isYieldExpression(e)||n.isConditionalExpression(t
)&&e===t.test||a(e,t)},t.ClassExpression=function(e,t,r){return
p(r,{considerDefaultExports:!0}),t.UnaryLike=l,t.FunctionExpression=function(e,t,r){return
p(r,{considerDefaultExports:!0}),t.ArrowFunctionExpression=function(e,t){return
n.isExportDeclaration(t)||c(e,t)},t.ConditionalExpression=c,t.OptionalCallExpression=t.OptionalMemberExpression
=function(e,t){return
n.isCallExpression(t,{callee:e})||n.isMemberExpression(t,{object:e})},t.AssignmentExpression=function(e,t,r){retur
n!!n.isObjectPattern(e.left)||c(e,t)},t.LogicalExpression=function(e,t){switch(e.operator){case"||":return!!n.isLogical
Expression(t)&&("??"===t.operator||"&&"===t.operator);case"&&":return
n.isLogicalExpression(t,{operator:"??"});case"??":return n.isLogicalExpression(t)&&"??"!==t.operator}};var
n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e}const
s={"||":0,"??":0,"&&":1,"|":2,"^":3,"&":4,"===":5,"===":5,"!=":5,"!=="5,"<":6,">":6,"<=":6,">=":6,in:6,instanceof:6
,">>":7,"<<":7,">>>":7,"+":8,"-
":8,"*":9,"/":9,"%":9,"**":10},a=(e,t)=>(n.isClassDeclaration(t)||n.isClassExpression(t))&&t.superClass===e,o=(e,t
)=>(n.isMemberExpression(t)||n.isOptionalMemberExpression(t))&&t.object===e|(n.isCallExpression(t)||n.isOptio
nalCallExpression(t)||n.isNewExpression(t))&&t.callee===e|n.isTaggedTemplateExpression(t)&&t.tag===e|n.isTS
NonNullExpression(t);function l(e,t){return o(e,t)||n.isBinaryExpression(t,{operator:"**",left:e})||a(e,t)}function
c(e,t){return!(n.isUnaryLike(t)||n.isBinary(t)||n.isConditionalExpression(t,{test:e})||n.isAwaitExpression(t)||n.isTS
TypeAssertion(t)||n.isTSAsExpression(t))||l(e,t)}function
p(e,{considerArrow:t=!1,considerDefaultExports:r=!1})={let i=e.length-1,s=e[i];i--;let
a=e[i];for(;i>=0;){if(n.isExpressionStatement(a,{expression:s})||r&&n.isExportDefaultDeclaration(a,{declaration:s}
)||t&&n.isArrowFunctionExpression(a,{body:s}))return!0;if(!(o(s,a)&&!n.isNewExpression(a)||n.isSequenceExpres
sion(a)&&a.expressions[0]===s||n.isConditional(a,{test:s})||n.isBinary(a,{left:s})||n.isAssignmentExpression(a,{left
:s})))return!1;s=a,i--,a=e[i]return!1}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0});var
n=r(328);Object.keys(n).forEach((function(e){"default"!==e&&"__esModule"!==e&&(e in

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t&&t[e]===n[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return n[e]}}));var
i=r(329);Object.keys(i).forEach((function(e){"default"!==e&&"__esModule"!==e&&(e in
t&&t[e]===i[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return i[e]}}));var
s=r(330);Object.keys(s).forEach((function(e){"default"!==e&&"__esModule"!==e&&(e in
t&&t[e]===s[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return s[e]}}));var
a=r(331);Object.keys(a).forEach((function(e){"default"!==e&&"__esModule"!==e&&(e in
t&&t[e]===a[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return a[e]}}));var
o=r(332);Object.keys(o).forEach((function(e){"default"!==e&&"__esModule"!==e&&(e in
t&&t[e]===o[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return o[e]}}));var
l=r(123);Object.keys(l).forEach((function(e){"default"!==e&&"__esModule"!==e&&(e in
t&&t[e]===l[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return l[e]}}));var
c=r(124);Object.keys(c).forEach((function(e){"default"!==e&&"__esModule"!==e&&(e in
t&&t[e]===c[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return c[e]}}));var
p=r(334);Object.keys(p).forEach((function(e){"default"!==e&&"__esModule"!==e&&(e in
t&&t[e]===p[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return p[e]}}));var
u=r(335);Object.keys(u).forEach((function(e){"default"!==e&&"__esModule"!==e&&(e in
t&&t[e]===u[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return u[e]}}));var
d=r(336);Object.keys(d).forEach((function(e){"default"!==e&&"__esModule"!==e&&(e in
t&&t[e]===d[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return d[e]}}));var
h=r(337);Object.keys(h).forEach((function(e){"default"!==e&&"__esModule"!==e&&(e in
t&&t[e]===h[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return h[e]}}))))},function(e,t,r){
"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.TaggedTemplateExpression=function(e){
this.print(e.tag,e),this.print(e.typeParameters,e),this.print(e.quasi,e)},t.TemplateElement=function(e,t){
const r=t.quasis[0]===e,n=t.quasis[t.quasis.length-1]===e,i=(r?"^":"")+e.value.raw+(n?"$":"");
this.token(i)},t.TemplateLiteral=function(e){const t=e.quasis;for(let r=0;r<t.length;r++){
this.print(t[r],e),r+1<t.length&&this.print(e.expressions[r],e)},function(e,t,r){
"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.UnaryExpression=function(e){
"void"===e.operator||"delete"===e.operator||"typeof"===e.operator||"throw"===e.operator?(
this.word(e.operator),this.space()):this.token(e.operator);this.print(e.argument,e)},t.DoExpression=
function(e){this.word("do"),this.space(),this.print(e.body,e)},t.ParenthesizedExpression=
function(e){this.token("("),this.print(e.expression,e),this.token(")"),t.UpdateExpression=
function(e){e.prefix?(this.token(e.operator),this.print(e.argument,e)):(this.startTerminatorless(!0),
this.print(e.argument,e),this.endTerminatorless(),this.token(e.operator))},t.ConditionalExpression=
function(e){this.print(e.test,e),this.space(),this.token("?"),this.space(),this.print(e.consequent,e),
this.space(),this.token(":"),this.space(),this.print(e.alternate,e)},t.NewExpression=
function(e,t){if(this.word("new"),this.space(),this.print(e.callee,e),this.format.minified&&0===e.
arguments.length&&!e.optional&&!n.isCallExpression(t,{callee:e})&&!n.isMemberExpression(t)&&!n.isNewExpr
ession(t))return this.print(e.typeArguments,e),this.print(e.typeParameters,e),e.optional&&this.token("?.");
this.token("("),this.printList(e.arguments,e),this.token(")"),t.SequenceExpression=function(e){
this.printList(e.expressions,e)},t.ThisExpression=function(){this.word("this")},t.Super=function(){
this.word("super")},t.Decorator=function(e){this.token "@" ,this.print(e.expression,e),this.newLine(),
t.OptionalMemberExpression=function(e){if(this.print(e.object,e),!e.computed&&n.isMemberExpression(e.property))
throw new TypeError("Got a MemberExpression for MemberExpression property");let t=e.computed;n.isLiteral(e.property)&&"number"===typeof
e.property.value&&(t=!0);e.optional&&this.token("?.");t?(this.token "[" ,this.print(e.property,e),this.token "]" ):
(e.optional||this.token "." ,this.print(e.property,e))},t.OptionalCallExpression=function(e){
this.print(e.callee,e),this.print(e.typeArguments,e),this.print(e.typeParameters,e),e.optional&&this.token("?.");
this.token("("),this.printList(e.arguments,e),this.token(")"),t.CallExpression=function(e){
this.print(e.callee,e),this.print(e.typeArguments,e),this.print(e.typeParameters,e),this.token("("),
this.printList(e.arguments,e),this.token(")"),t.Import=function(){this.word("import")},t.EmptyStatement=
function(){this.semicolon(!0)},t.ExpressionStatement=function(e){this.print(e.expression,e),this.semicolon(),
t.AssignmentPattern=function(e){this.print(e.left,e),e.left.optional&&this.token("?");this.print(e

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.left.typeAnnotation,e),this.space(),this.token("="),this.space(),this.print(e.right,e)},t.LogicalExpression=t.BinaryExp
pression=t.AssignmentExpression=function(e,t){const
r=this.inForStatementInitCounter&&"in"===e.operator&&!i.needsParens(e,t);r&&this.token("(");this.print(e.left,e),
this.space(),"in"===e.operator||"instanceof"===e.operator?this.word(e.operator):this.token(e.operator);this.space(),t
his.print(e.right,e,r&&this.token(")"),t.BindExpression=function(e){this.print(e.object,e),this.token("::"),this.print(
e.callee,e)},t.MemberExpression=function(e){if(this.print(e.object,e),!e.computed&&n.isMemberExpression(e.prop
erty))throw new TypeError("Got a MemberExpression for MemberExpression property");let
t=e.computed;n.isLiteral(e.property)&&"number"===typeof
e.property.value&&(t=!0);t?(this.token("["),this.print(e.property,e),this.token("]")):(this.token("."),this.print(e.proper
ty,e)},t.MetaProperty=function(e){this.print(e.meta,e),this.token("."),this.print(e.property,e)},t.PrivateName=functi
on(e){this.token("#"),this.print(e.id,e)},t.V8IntrinsicIdentifier=function(e){this.token("%"),this.word(e.name)},t.Aw
aitExpression=t.YieldExpression=void 0;var n=a(r(0)),i=a(r(122));function s(){if("function"!==typeof
WeakMap)return null;var e=new WeakMap;return s=function(){return e},e}function
a(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var
t=s();if(t&&t.has(e))return t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i
in e)if(Object.prototype.hasOwnProperty.call(e,i)){var
a=n?Object.getOwnPropertyDescriptor(e,i):null;a&&(a.get||a.set)?Object.defineProperty(r,i,a):r[i]=e[i]}return
r.default=e,t&&t.set(e,r),r}function o(e){return
function(t){if(this.word(e),t.delegate&&this.token("*"),t.argument){this.space();const
e=this.startTerminatorless();this.print(t.argument,t),this.endTerminatorless(e)}}}const
l=o("yield");t.YieldExpression=l;const c=o("await");t.AwaitExpression=c,function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.WithStatement=function(e){this.word("with"),this.space(
),this.token("("),this.print(e.object,e),this.token(")"),this.printBlock(e)},t.IfStatement=function(e){this.word("if"),thi
s.space(),this.token("("),this.print(e.test,e),this.token(")"),this.space();const t=e.alternate&&n.isIfStatement(function
e(t){return
n.isStatement(t.body)?e(t.body):t}(e.consequent));t&&(this.token("{"),this.newline(),this.indent());this.printAndInd
entOnComments(e.consequent,e),t&&(this.dedent(),this.newline(),this.token("}"));e.alternate&&(this.endsWith("}
")&&this.space(),this.word("else"),this.space(),this.printAndIndentOnComments(e.alternate,e)),t.ForStatement=fun
ction(e){this.word("for"),this.space(),this.token("("),this.inForStatementInitCounter++,this.print(e.init,e),this.inForS
tatementInitCounter--
,this.token(";"),e.test&&(this.space(),this.print(e.test,e));this.token(";"),e.update&&(this.space(),this.print(e.update,e
));this.token(")"),this.printBlock(e)},t.WhileStatement=function(e){this.word("while"),this.space(),this.token("("),thi
s.print(e.test,e),this.token(")"),this.printBlock(e)},t.DoWhileStatement=function(e){this.word("do"),this.space(),this
.print(e.body,e),this.space(),this.word("while"),this.space(),this.token("("),this.print(e.test,e),this.token(")"),this.semi
colon(),t.LabeledStatement=function(e){this.print(e.label,e),this.token(":"),this.space(),this.print(e.body,e)},t.TrySt
atement=function(e){this.word("try"),this.space(),this.print(e.block,e),this.space(),e.handlers?this.print(e.handlers[0
],e):this.print(e.handler,e);e.finalizer&&(this.space(),this.word("finally"),this.space(),this.print(e.finalizer,e)),t.Catch
Clause=function(e){this.word("catch"),this.space(),e.param&&(this.token("("),this.print(e.param,e),this.print(e.para
m.typeAnnotation,e),this.token(")"),this.space());this.print(e.body,e)},t.SwitchStatement=function(e){this.word("swi
tch"),this.space(),this.token("("),this.print(e.discriminant,e),this.token(")"),this.space(),this.token("{"),this.printSequ
ence(e.cases,e,{indent:!0,addNewlines(t,r){if(!t&&e.cases[e.cases.length-1]===r)return-
1}}),this.token("}"),t.SwitchCase=function(e){e.test?(this.word("case"),this.space(),this.print(e.test,e),this.token(":
")):(this.word("default"),this.token(":"));e.consequent.length&&(this.newline(),this.printSequence(e.consequent,e,{i
ndent:!0})),t.DebuggerStatement=function(){this.word("debugger"),this.semicolon(),t.VariableDeclaration=functi
on(e,t){e.declare&&(this.word("declare"),this.space());this.word(e.kind),this.space();let
r,i=!1;if(!n.isFor(t))for(const t of
e.declarations)t.init&&(i=!0);i&&(r="const"===e.kind?f:h);if(this.printList(e.declarations,e,{separator:r}),n.isFor(t)
&&(t.left===e||t.init===e))return;this.semicolon(),t.VariableDeclarator=function(e){this.print(e.id,e),e.definite&&

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his.token("!");this.print(e.id.typeAnnotation,e),e.init&&(this.space(),this.token("="),this.space(),this.print(e.init,e)),
t.ThrowStatement=t.BreakStatement=t.ReturnStatement=t.ContinueStatement=t.ForOfStatement=t.ForInStatement=
void 0;var n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e}const s=function(e){return
function(t){this.word("for"),this.space(),"of"===e&&t.await&&(this.word("await"),this.space()),this.token("("),this.
print(t.left,t),this.space(),this.word(e),this.space(),this.print(t.right,t),this.token(")"),this.printBlock(t)},a=s("in");t.F
orInStatement=a;const o=s("of");function l(e,t="label"){return function(r){this.word(e);const
n=r[t];if(n){this.space();const
e="label"==t,i=this.startTerminatorless(e);this.print(n,r),this.endTerminatorless(i)}this.semicolon()}t.ForOfStatem
ent=o;const c=l("continue");t.ContinueStatement=c;const p=l("return","argument");t.ReturnStatement=p;const
u=l("break");t.BreakStatement=u;const d=l("throw","argument");function
h(){if(this.token(","),this.newline(),this.endsWith("\n"))for(let e=0;e<4;e++)this.space(!0)}function
f(){if(this.token(","),this.newline(),this.endsWith("\n"))for(let
e=0;e<6;e++)this.space(!0)}t.ThrowStatement=d},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.ClassExpression=t.ClassDeclaration=function(e,t){this.f
ormat.decoratorsBeforeExport&&(n.isExportDefaultDeclaration(t)||n.isExportNamedDeclaration(t))||this.printJoin(e
.decorators,e);e.declare&&(this.word("declare"),this.space());e.abstract&&(this.word("abstract"),this.space());this.w
ord("class"),e.id&&(this.space(),this.print(e.id,e));this.print(e.typeParameters,e),e.superClass&&(this.space(),this.w
ord("extends"),this.space(),this.print(e.superClass,e),this.print(e.superTypeParameters,e));e.implements&&(this.spa
ce(),this.word("implements"),this.space(),this.printList(e.implements,e));this.space(),this.print(e.body,e)},t.ClassBo
dy=function(e){this.token("{"),this.printInnerComments(e,0===e.body.length?this.token(")")):(this.newline(),this.i
ndent(),this.printSequence(e.body,e),this.dedent(),this.endsWith("\n"))||this.newline(),this.rightBrace()}},t.ClassPrope
rty=function(e){this.printJoin(e.decorators,e),this.tsPrintClassMemberModifiers(e,!0),e.computed?(this.token("["),th
is.print(e.key,e),this.token("]")):(this._variance(e),this.print(e.key,e));e.optional&&this.token("?");e.definite&&this.t
oken("!");this.print(e.typeAnnotation,e),e.value&&(this.space(),this.token("="),this.space(),this.print(e.value,e));this
.semicolon()}t.ClassPrivateProperty=function(e){this.printJoin(e.decorators,e),e.static&&(this.word("static"),this.s
pace());this.print(e.key,e),this.print(e.typeAnnotation,e),e.value&&(this.space(),this.token("="),this.space(),this.print
(e.value,e));this.semicolon()}t.ClassMethod=function(e){this._classMethodHead(e),this.space(),this.print(e.body,e)
},t.ClassPrivateMethod=function(e){this._classMethodHead(e),this.space(),this.print(e.body,e)},t._classMethodHea
d=function(e){this.printJoin(e.decorators,e),this.tsPrintClassMemberModifiers(e,!1),this._methodHead(e)},t.StaticB
lock=function(e){this.word("static"),this.space(),this.token("{"),0===e.body.length?this.token(")")):(this.newline(),t
his.printSequence(e.body,e,{indent:!0}),this.rightBrace());var n=function(e){if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return {default:e};var t=i();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t._params=function(e){this.print(e.typeParameters,e),this.t
oken("("),this._parameters(e.params,e),this.token(")"),this.print(e.returnType,e)},t._parameters=function(e,t){for(let
r=0;r<e.length;r++)this._param(e[r],t),r<e.length-
1&&(this.token(","),this.space());t._param=function(e,t){this.printJoin(e.decorators,e),this.print(e,t),e.optional&&t
his.token("?");this.print(e.typeAnnotation,e)},t._methodHead=function(e){const

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t=e.kind,r=e.key;"get"!==t&&"set"!==t||(this.word(t),this.space());e.async&&(this._catchUp("start",r.loc),this.word(
"async"),this.space());"method"!==t&&"init"!==t||e.generator&&this.token("*");e.computed?(this.token("[",this.pri
nt(r,e),this.token("]")):this.print(r,e);e.optional&&this.token("?");this._params(e),t._predicate=function(e){e.predic
ate&&(e.returnType||this.token(":"),this.space(),this.print(e.predicate,e))},t._functionHead=function(e){e.async&&(
this.word("async"),this.space());this.word("function"),e.generator&&this.token("*");this.space(),e.id&&this.print(e.i
d,e);this._params(e),this._predicate(e)},t.FunctionDeclaration=t.FunctionExpression=function(e){this._functionHea
d(e),this.space(),this.print(e.body,e)},t.ArrowFunctionExpression=function(e){e.async&&(this.word("async"),this.s
pace());const t=e.params[0];l===e.params.length&&n.isIdentifier(t)&&!function(e,t){return
e.typeParameters||e.returnType||t.typeAnnotation||t.optional||t.trailingComments}(e,t)?(this.format.retainLines||e.asy
nc)&&e.loc&&e.body.loc&&e.loc.start.line<e.body.loc.start.line?(this.token("(",t.loc&&t.loc.start.line>e.loc.start.l
ine?(this.indent(),this.print(t,e),this.dedent(),this._catchUp("start",e.body.loc)):this.print(t,e),this.token(")")):this.pri
nt(t,e):this._params(e),this._predicate(e),this.space(),this.token("=>"),this.space(),this.print(e.body,e));var
n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={,n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e},function(e,t,r){"use strict";const n={,i=n.hasOwnProperty,s=(e,t)=>{for(const r in
e)i.call(e,r)&&t(r,e[r])},a=n.toString,o=Array.isArray,l=Buffer.isBuffer,c={"":\\"","":\\"","":\\"","b":\\"b","f":\\"
f","\n":\\"n","\r":\\"r","\t":\\"t"},p=/["\\b\\f\\n\\r\\t\\/u=/[0-9]/,d=/[!#-&\\(-[\\]-_a-~/,h=(e,t)=>{const
r()=>{S=g,++t.indentLevel,g=t.indent.repeat(t.indentLevel)},n={escapeEverything:!1,minimal:!1,isScriptContext:
!1,quotes:"single",wrap:!1,es6:!1,json:!1,compact:!0,lowercaseHex:!1,numbers:"decimal",indent:"\t",indentLevel:0,
_inline1__:!1,_inline2__:!1},i=t&&t.json;var
f,m;i&&(n.quotes="double",n.wrap=!0),f=n,"single"!=(t=(m=t)?(s(m,(e,t)=>{f[e]=t}),f):f).quotes&&"double"!=t.qu
otes&&"backtick"!=t.quotes&&(t.quotes="single");const
y="double"==t.quotes?"":"backtick"==t.quotes?"":"";T=t.compact,b=t.lowercaseHex;let
g=t.indent.repeat(t.indentLevel),S="";const x=t._inline1__,E=t._inline2__,P=T?"":'\n';let v,A=!0;const
w="binary"==t.numbers,O="octal"==t.numbers,I="decimal"==t.numbers,C="hexadecimal"==t.numbers;if(i&&e&
&"function"==typeof e.toJSON&&(e=e.toJSON()),!(e=>"string"==typeof e||"[object
String]"==a.call(e)(e)){if((e=>"[object Map]"==a.call(e)(e))return 0==e.size?"new
Map()):(T||(t._inline1__=!0,t._inline2__=!1),"new Map("+h(Array.from(e),t)+")");if((e=>"[object
Set]"==a.call(e)(e))return 0==e.size?"new Set()":"new Set("+h(Array.from(e),t)+")";if(l(e))return
0==e.length?"Buffer.from([])":"Buffer.from("+h(Array.from(e),t)+")";if(o(e))return
v=[],t.wrap=!0,x&&(t._inline1__=!1,t._inline2__=!0),E||r(),((e,t)=>{const r=e.length;let n=-
1;for(;++n<r;t(e[n]))(e,e=>{A=!1,E&&(t._inline2__=!1),v.push((T||E?"":g)+h(e,t))),A?"[]":E?"["+v.join(",
")+"]":["+P+v.join(", "+P)+P+(T?"":S)+"]";if(!(e=>"number"==typeof e||"[object
Number]"==a.call(e)(e))return(e=>"[object
Object]"==a.call(e)(e)?(v=[],t.wrap=!0,r(),s(e,(e,r)=>{A=!1,v.push((T?"":g)+h(e,t)+":"++(T?"":
")+h(r,t))),A?"{"+"+P+v.join(", "+P)+P+(T?"":S)+"}":i?JSON.stringify(e)||"null":String(e);if(i)return
JSON.stringify(e);if(I)return String(e);if(C){let t=e.toString(16);return
b||(t=t.toUpperCase()),"0x"+t;if(w)return"0b"+e.toString(2);if(O)return"0o"+e.toString(8)}const N=e;let k=-1;const
D=N.length;for(v="";++k<D;){const e=N.charAt(k);if(t.es6){const
e=N.charCodeAtAt(k);if(e>=55296&&e<=56319&&D>k+1){const
t=N.charCodeAtAt(k+1);if(t>=56320&&t<=57343){let r=(1024*(e-55296)+t-
56320+65536).toString(16);b||(r=r.toUpperCase()),v+="\u{"+r+"}"+k;continue}}if(!t.escapeEverything){if(d.te
st(e){v+=e;continue}if("===e){v+=y==e?"\\":":e;continue}if("===e){v+=y==e?"\\":":e;continue}if("===e){v+=y==e
?"\\":":e;continue}}if("\0"==e&&!i&&!u.test(N.charAt(k+1))){v+="\0";continue}if(p.test(e)){v+=c[e];continue}con

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st r=e.charCodeAt(0);if(t.minimal&&8232!r&&8233!r){v+=e;continue}let
n=r.toString(16);b||(n=n.toUpperCase());const s=n.length>2|i,a="\\"+(s?"u":"x")+("0000"+n).slice(s?-4:-
2);v+=a}return
t.wrap&&(v=y+v+y),"=="=y&&(v=v.replace(/\\$/g,"\\${"}),t.isScriptContext?v.replace(/</(\script|style)/gi,"<\\$1"
).replace(/<!--/g,i?"\u003C!--":"\x3C!--");v;h.version="2.5.2",e.exports=h,function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.AnyTypeAnnotation=function(){this.word("any")},t.Array
TypeAnnotation=function(e){this.print(e.elementType,e),this.token("[",this.token("]")},t.BooleanTypeAnnotatio
n=function(){this.word("boolean")},t.BooleanLiteralTypeAnnotation=function(e){this.word(e.value?"true":"false")},
t.NullLiteralTypeAnnotation=function(){this.word("null")},t.DeclareClass=function(e,t){n.isDeclareExportDeclarat
ion(t)|(this.word("declare"),this.space());this.word("class"),this.space(),this._interfaceish(e)},t.DeclareFunction=function(e,t){n.isDeclareExportDeclaration(t)|(this.word("declare"),this.space());this.word("function"),this.space(),this
.print(e.id,e),this.print(e.id.typeAnnotation.typeAnnotation,e),e.predicate&&(this.space(),this.print(e.predicate,e));thi
s.semicolon(),t.InferredPredicate=function(){this.token("%"),this.word("checks")},t.DeclaredPredicate=function(e)
{this.token("%"),this.word("checks"),this.token("("),this.print(e.value,e),this.token(")"),t.DeclareInterface=function
(e){this.word("declare"),this.space(),this.InterfaceDeclaration(e)},t.DeclareModule=function(e){this.word("declare"
),this.space(),this.word("module"),this.space(),this.print(e.id,e),this.space(),this.print(e.body,e)},t.DeclareModuleEx
ports=function(e){this.word("declare"),this.space(),this.word("module"),this.token("."),this.word("exports"),this.pri
nt(e.typeAnnotation,e)},t.DeclareTypeAlias=function(e){this.word("declare"),this.space(),this.TypeAlias(e)},t.Decl
areOpaqueType=function(e,t){n.isDeclareExportDeclaration(t)|(this.word("declare"),this.space());this.OpaqueType(
e)},t.DeclareVariable=function(e,t){n.isDeclareExportDeclaration(t)|(this.word("declare"),this.space());this.word("v
ar"),this.space(),this.print(e.id,e),this.print(e.id.typeAnnotation,e),this.semicolon(),t.DeclareExportDeclaration=function(e){this.word("declare"),this.space(),this.word("export"),this.space(),e.default&&(this.word("default"),this.spac
e());p.apply(this,arguments)},t.DeclareExportAllDeclaration=function(){this.word("declare"),this.space(),i.ExportAl
lDeclaration.apply(this,arguments)},t.EnumDeclaration=function(e){const{id:t,body:r}=e;this.word("enum"),this.sp
ace(),this.print(t,e),this.print(r,e)},t.EnumBooleanBody=function(e){const{explicitType:t}=e;o(this,"boolean",t),l(th
is,e)},t.EnumNumberBody=function(e){const{explicitType:t}=e;o(this,"number",t),l(this,e)},t.EnumStringBody=fun
ction(e){const{explicitType:t}=e;o(this,"string",t),l(this,e)},t.EnumSymbolBody=function(e){o(this,"symbol",!0),l
(this,e)},t.EnumDefaultedMember=function(e){const{id:t}=e;this.print(t,e),this.token(",")},t.EnumBooleanMember
=function(e){c(this,e)},t.EnumNumberMember=function(e){c(this,e)},t.EnumStringMember=function(e){c(this,e)},
t.ExistsTypeAnnotation=function(){this.token("*")},t.FunctionTypeAnnotation=function(e,t){this.print(e.typeParam
eters,e),this.token("("),this.printList(e.params,e),e.rest&&(e.params.length&&(this.token(","),this.space()),this.token
("..."),this.print(e.rest,e));this.token(")"), "ObjectTypeCallProperty"===t.type||"DeclareFunction"===t.type||"ObjectT
ypeProperty"===t.type&&t.method?this.token(":")(this.space(),this.token("=>"));this.space(),this.print(e.returnTyp
e,e)},t.FunctionTypeParam=function(e){this.print(e.name,e),e.optional&&this.token("?");e.name&&(this.token(":"),
this.space());this.print(e.typeAnnotation,e)},t.GenericTypeAnnotation=t.ClassImplements=t.InterfaceExtends=functi
on(e){this.print(e.id,e),this.print(e.typeParameters,e)},t._interfaceish=function(e){this.print(e.id,e),this.print(e.typeP
arameters,e),e.extends.length&&(this.space(),this.word("extends"),this.space(),this.printList(e.extends,e));e.mixins
&&e.mixins.length&&(this.space(),this.word("mixins"),this.space(),this.printList(e.mixins,e));e.implements&&e.im
plements.length&&(this.space(),this.word("implements"),this.space(),this.printList(e.implements,e));this.space(),thi
s.print(e.body,e)},t._variance=function(e){e.variance&&("plus"===e.variance.kind?this.token("+):"minus"===e.va
riance.kind&&this.token("-
"))},t.InterfaceDeclaration=function(e){this.word("interface"),this.space(),this._interfaceish(e)},t.InterfaceTypeAnn
otation=function(e){this.word("interface"),e.extends&&e.extends.length&&(this.space(),this.word("extends"),this.s
pace(),this.printList(e.extends,e));this.space(),this.print(e.body,e)},t.IntersectionTypeAnnotation=function(e){this.pr
intJoin(e.types,e,{separator:u}),t.MixedTypeAnnotation=function(){this.word("mixed")},t.EmptyTypeAnnotation=
function(){this.word("empty")},t.NullableTypeAnnotation=function(e){this.token("?"),this.print(e.typeAnnotation,e
)},t.NumberTypeAnnotation=function(){this.word("number")},t.StringTypeAnnotation=function(){this.word("strin
g")},t.ThisTypeAnnotation=function(){this.word("this")},t.TupleTypeAnnotation=function(e){this.token("[",this.pr

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intList(e.types,e),this.token("]")),t.TypeOfTypeAnnotation=function(e){this.word("typeof"),this.space(),this.print(e.argument,e)},t.TypeAlias=function(e){this.word("type"),this.space(),this.print(e.id,e),this.print(e.typeParameters,e),this.space(),this.token("="),this.space(),this.print(e.right,e),this.semicolon(),t.TypeAnnotation=function(e){this.token(":"),this.space(),e.optional&&this.token("?");this.print(e.typeAnnotation,e)},t.TypeParameterDeclaration=t.TypeParameterInstantiation=function(e){this.token("<"),this.printList(e.params,e,{}),this.token(">"),t.TypeParameter=function(e){this._variance(e),this.word(e.name),e.bound&&this.print(e.bound,e);e.default&&(this.space(),this.token("="),this.space(),this.print(e.default,e)),t.OpaqueType=function(e){this.word("opaque"),this.space(),this.word("type"),this.space(),this.print(e.id,e),this.print(e.typeParameters,e),e.supertype&&(this.token(":"),this.space(),this.print(e.supertype,e));e.impltype&&(this.space(),this.token("="),this.space(),this.print(e.impltype,e));this.semicolon(),t.ObjectTypeAnnotation=function(e){e.exact?this.token("{}"):this.token("{}");const t=e.properties.concat(e.callProperties||[],e.indexers||[],e.internalSlots||[]);t.length&&(this.space(),this.printJoin(t,e,{addNewLines(e){if(e&&!t[0])return 1},indent:!0,statement:!0,iterator:()=>=>{(1!==t.length||e.inexact)&&(this.token(", "),this.space())}),this.space());e.inexact&&(this.indent(),this.token("..."),t.length&&this.newline(),this.dedent());e.exact?this.token("{}"):this.token("{}")},t.ObjectTypeInternalSlot=function(e){e.static&&(this.word("static"),this.space());this.token("["),this.token("["),this.print(e.id,e),this.token("]"),this.token("]"),e.optional&&this.token("?");e.method||(this.token(":"),this.space());this.print(e.value,e)},t.ObjectTypeCallProperty=function(e){e.static&&(this.word("static"),this.space());this.print(e.value,e)},t.ObjectTypeIndexer=function(e){e.static&&(this.word("static"),this.space());this._variance(e),this.token("["),e.id&&(this.print(e.id,e),this.token(":"),this.space());this.print(e.key,e),this.token("]"),this.token(":"),this.space(),this.print(e.value,e)},t.ObjectTypeProperty=function(e){e.proto&&(this.word("proto"),this.space());e.static&&(this.word("static"),this.space());"get"!==e.kind&&"set"!==e.kind||(this.word(e.kind),this.space());this._variance(e),this.print(e.key,e),e.optional&&this.token("?");e.method||(this.token(":"),this.space());this.print(e.value,e)},t.ObjectTypeSpreadProperty=function(e){this.token("..."),this.print(e.argument,e)},t.QualifiedTypeIdentifier=function(e){this.print(e.qualification,e),this.token("."),this.print(e.id,e)},t.SymbolTypeAnnotation=function(){this.word("symbol")},t.UnionTypeAnnotation=function(e){this.printJoin(e.types,e,{separator:d})},t.TypeCastExpression=function(e){this.token("("),this.print(e.expression,e),this.print(e.typeAnnotation,e),this.token(")")},t.Variance=function(e){"plus"===e.kind?this.token("+"):this.token("-")},t.VoidTypeAnnotation=function(){this.word("void")},Object.defineProperty(t,"NumberLiteralTypeAnnotation",{enumerable:!0,get:function(){return s.NumericLiteral}}),Object.defineProperty(t,"StringLiteralTypeAnnotation",{enumerable:!0,get:function(){return s.StringLiteral}});var n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=a();if(t&&t.has(e))return t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in e)if(Object.prototype.hasOwnProperty.call(e,i)){var s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t&&t.set(e,r);return r}(r(0)),i=r(123),s=r(124);function a(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return a=function(){return e},e}function o(e,t,r){r&&(e.space(),e.word("of"),e.space(),e.word(t),e.space())}function l(e,t){const{members:r}=t,e.token("{"),e.indent(),e.newline();for(const n of r)e.print(n,t),e.newline();e.dedent(),e.token(")}"}function c(e,t){const{id:r,init:n}=t,e.print(r,t),e.space(),e.token("="),e.space(),e.print(n,t),e.token(",")}function p(e){if(e.declaration){const t=e.declaration;this.print(t,e),n.isStatement(t)||this.semicolon()}else this.token("{"),e.specifiers.length&&(this.space(),this.printList(e.specifiers,e),this.space()),this.token(")"),e.source&&(this.space(),this.word("from"),this.space(),this.print(e.source,e),this.semicolon())}function u(){this.space(),this.token("&"),this.space()}function d(){this.space(),this.token("|"),this.space()}}function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.File=function(e){e.program&&this.print(e.program.interpreter,e);this.print(e.program,e)},t.Program=function(e){this.printInnerComments(e,!1),this.printSequence(e.directi

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ves,e).directives&&e.directives.length&&this.newLine();this.printSequence(e.body,e)},t.BlockStatement=function(
e){var t;this.token("{"),this.printInnerComments(e);const r=null==(t=e.directives)?void
0:t.length;e.body.length||r?(this.newLine(),this.printSequence(e.directives,e,{indent:!0}),r&&this.newLine(),this.print
Sequence(e.body,e,{indent:!0}),this.removeTrailingNewline(),this.source("end",e.loc),this.endsWith("\n")||this.newl
ine(),this.rightBrace()):(this.source("end",e.loc),this.token("}")),t.Noop=function(){},t.Directive=function(e){this.p
rint(e.value,e),this.semicolon()},t.DirectiveLiteral=function(e){const t=this.getPossibleRaw(e);if(null!=t)return void
this.token(t);const{value:r}=e;if(i.test(r)){if(n.test(r))throw new Error("Malformed AST: it is not possible to print a
directive containing both unescaped single and double quotes.");this.token(`${r}`)}else
this.token(`${r}`)},t.InterpreterDirective=function(e){this.token(`#!${e.value}\n`)},t.Placeholder=function(e){this
.token("%"),this.print(e.name),this.token("%"),"Statement"===e.expectedNode&&this.semicolon());const
n=/(?![^\[\]])(?!\s)*\/,i=/(?![^\[\]])(?!\s)*\/,function(e,t,r){
"use strict";function
n(){this.space()}Object.defineProperty(t,"__esModule",{value:!0}),t.JSXAttribute=function(e){this.print(e.name,e),
e.value&&(this.token("="),this.print(e.value,e))},t.JSXIdentifier=function(e){this.word(e.name)},t.JSXNamespaced
Name=function(e){this.print(e.namespace,e),this.token(":"),this.print(e.name,e)},t.JSXMemberExpression=function
(e){this.print(e.object,e),this.token("."),this.print(e.property,e)},t.JSXSpreadAttribute=function(e){this.token("{"),th
is.token("..."),this.print(e.argument,e),this.token(")"}),t.JSXExpressionContainer=function(e){this.token("{"),this.pr
int(e.expression,e),this.token(")"}),t.JSXSpreadChild=function(e){this.token("{"),this.token("..."),this.print(e.expres
sion,e),this.token(")"}),t.JSXText=function(e){const
t=this.getPossibleRaw(e);null!=t?this.token(t):this.token(e.value)},t.JSXElement=function(e){const
t=e.openingElement;if(this.print(t,e),t.selfClosing)return;this.indent();for(const t of
e.children)this.print(t,e);this.dedent(),this.print(e.closingElement,e)},t.JSXOpeningElement=function(e){this.token("<"),this.print(e.name,e),this.print(e.typeParameters,e),e.attributes.length>0&&(this.space(),this.printJoin(e.attributes
,e,{separator:n}));e.selfClosing?(this.space(),this.token(">")):this.token(">")},t.JSXClosingElement=function(e){th
is.token("</"),this.print(e.name,e),this.token(">")},t.JSXEmptyExpression=function(e){this.printInnerComments(e)
},t.JSXFragment=function(e){this.print(e.openingFragment,e),this.indent();for(const t of
e.children)this.print(t,e);this.dedent(),this.print(e.closingFragment,e)},t.JSXOpeningFragment=function(){this.token
("<"),this.token(">")},t.JSXClosingFragment=function(){this.token("</"),this.token(">")},function(e,t,r){
"use strict";function
n(e,t){!0!==t&&e.token(t)}Object.defineProperty(t,"__esModule",{value:!0}),t.TSTypeAnnotation=function(e){thi
s.token(":"),this.space(),e.optional&&this.token("?");this.print(e.typeAnnotation,e)},t.TSTypeParameterDeclaration
=t.TSTypeParameterInstantiation=function(e){this.token("<"),this.printList(e.params,e,{}),this.token(">")},t.TSTyp
eParameter=function(e){this.word(e.name),e.constraint&&(this.space(),this.word("extends")),this.space(),this.print(e
.constraint,e);e.default&&(this.space(),this.token("="),this.space(),this.print(e.default,e))},t.TSParameterProperty=f
unction(e){e.accessibility&&(this.word(e.accessibility),this.space());e.readonly&&(this.word("readonly"),this.space
());this._param(e.parameter)},t.TSDeclareFunction=function(e){e.declare&&(this.word("declare"),this.space());this.
_functionHead(e),this.token(";")},t.TSDeclareMethod=function(e){this._classMethodHead(e),this.token(";")},t.TSQ
ualifiedName=function(e){this.print(e.left,e),this.token("."),this.print(e.right,e)},t.TSCallSignatureDeclaration=funct
ion(e){this.tsPrintSignatureDeclarationBase(e),this.token(";")},t.TSConstructSignatureDeclaration=function(e){this
.word("new"),this.space(),this.tsPrintSignatureDeclarationBase(e),this.token(";")},t.TSPropertySignature=function(e)
{const{readonly:t,initializer:r}=e;t&&(this.word("readonly"),this.space());this.tsPrintPropertyOrMethodName(e),thi
s.print(e.typeAnnotation,e),r&&(this.space(),this.token("="),this.space(),this.print(r,e));this.token(";")},t.tsPrintProp
ertyOrMethodName=function(e){e.computed&&this.token("[");this.print(e.key,e),e.computed&&this.token("]");e.o
ptional&&this.token("?")},t.TSMethodSignature=function(e){this.tsPrintPropertyOrMethodName(e),this.tsPrintSig
natureDeclarationBase(e),this.token(";")},t.TSIndexSignature=function(e){const{readonly:t}=e;t&&(this.word("rea
donly"),this.space());this.token("["),this._parameters(e.parameters,e),this.token("]"),this.print(e.typeAnnotation,e),th
is.token(";")},t.TSAnyKeyword=function(){this.word("any")},t.TSBigIntKeyword=function(){this.word("bigint")},
t.TSUnknownKeyword=function(){this.word("unknown")},t.TSNumberKeyword=function(){this.word("number")},
t.TSObjectKeyword=function(){this.word("object")},t.TSBooleanKeyword=function(){this.word("boolean")},t.TS

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StringKeyword=function(){this.word("string")},t.TSSymbolKeyword=function(){this.word("symbol")},t.TSVoidKey
yword=function(){this.word("void")},t.TSUndefinedKeyword=function(){this.word("undefined")},t.TSNullKeywor
d=function(){this.word("null")},t.TSNeverKeyword=function(){this.word("never")},t.TSIntrinsicKeyword=function
(){this.word("intrinsic")},t.TSThisType=function(){this.word("this")},t.TSFunctionType=function(e){this.tsPrintFu
nctionOrConstructorType(e)},t.TSConstructorType=function(e){this.word("new"),this.space(),this.tsPrintFunctionO
rConstructorType(e)},t.tsPrintFunctionOrConstructorType=function(e){const{typeParameters:t,parameters:r}=e;this
.print(t,e),this.token("("),this._parameters(r,e),this.token(")"),this.space(),this.token("=>"),this.space(),this.print(e.ty
peAnnotation.typeAnnotation,e)},t.TSTypeReference=function(e){this.print(e.typeName,e),this.print(e.typeParamet
ers,e)},t.TSTypePredicate=function(e){e.asserts&&(this.word("asserts"),this.space());this.print(e.parameterName),e
.typeAnnotation&&(this.space(),this.word("is"),this.space(),this.print(e.typeAnnotation.typeAnnotation))},t.TSType
Query=function(e){this.word("typeof"),this.space(),this.print(e.exprName)},t.TSTypeLiteral=function(e){this.tsPrin
tTypeLiteralOrInterfaceBody(e.members,e)},t.tsPrintTypeLiteralOrInterfaceBody=function(e,t){this.tsPrintBraced(e
,t)},t.tsPrintBraced=function(e,t){if(this.token("{"),e.length){this.indent(),this.newline();for(const r of
e)this.print(r,t),this.newline();this.dedent(),this.rightBrace()}else
this.token(")")}},t.TSArrayType=function(e){this.print(e.elementType,e),this.token("[]")},t.TSTupleType=function(
e){this.token("["),this.printList(e.elementTypes,e),this.token("]")},t.TSOptionalType=function(e){this.print(e.typeA
nnotation,e),this.token("?")},t.TSRestType=function(e){this.token("..."),this.print(e.typeAnnotation,e)},t.TSNamed
TupleMember=function(e){this.print(e.label,e),e.optional&&this.token("?");this.token(":"),this.space(),this.print(e.el
ementType,e)},t.TSUnionType=function(e){this.tsPrintUnionOrIntersectionType(e,"|")},t.TSIntersectionType=func
tion(e){this.tsPrintUnionOrIntersectionType(e,"&")},t.tsPrintUnionOrIntersectionType=function(e,t){this.printJoin(
e.types,e,{separator(){this.space(),this.token(t),this.space()}})},t.TSConditionalType=function(e){this.print(e.check
Type),this.space(),this.word("extends"),this.space(),this.print(e.extendsType),this.space(),this.token("?"),this.space()
,this.print(e.trueType),this.space(),this.token(":"),this.space(),this.print(e.falseType)},t.TSInferType=function(e){thi
s.token("infer"),this.space(),this.print(e.typeParameter)},t.TSParenthesizedType=function(e){this.token("("),this.pri
nt(e.typeAnnotation,e),this.token(")")}},t.TSTypeOperator=function(e){this.word(e.operator),this.space(),this.print(e
.typeAnnotation,e)},t.TSIndexedAccessType=function(e){this.print(e.objectType,e),this.token("["),this.print(e.index
Type,e),this.token("]")},t.TSMappedType=function(e){const{nameType:t,optional:r,readonly:i,typeParameter:s}=e;
this.token("{"),this.space(),i&&(n(this,i),this.word("readonly"),this.space());this.token("["),this.word(s.name),this.sp
ace(),this.word("in"),this.space(),this.print(s.constraint,s),t&&(this.space(),this.word("as"),this.space(),this.print(t,e)
);this.token("]"),r&&(n(this,r),this.token("?"));this.token(":"),this.space(),this.print(e.typeAnnotation,e),this.space(),t
his.token(")")}},t.TSLiteralType=function(e){this.print(e.literal,e)},t.TSExpressionWithTypeArguments=function(e)
{this.print(e.expression,e),this.print(e.typeParameters,e)},t.TSInterfaceDeclaration=function(e){const{declare:t,id:r,t
ypeParameters:n,extends:i,body:s}=e;t&&(this.word("declare"),this.space());this.word("interface"),this.space(),this
.print(r,e),this.print(n,e),i&&(this.space(),this.word("extends"),this.space(),this.printList(i,e));this.space(),this.print(s
,e)},t.TSInterfaceBody=function(e){this.tsPrintTypeLiteralOrInterfaceBody(e.body,e)},t.TSTypeAliasDeclaration=func
tion(e){const{declare:t,id:r,typeParameters:n,typeAnnotation:i}=e;t&&(this.word("declare"),this.space());this.w
ord("type"),this.space(),this.print(r,e),this.print(n,e),this.space(),this.token("="),this.space(),this.print(i,e),this.token(
";")},t.TSAsExpression=function(e){const{expression:t,typeAnnotation:r}=e;this.print(t,e),this.space(),this.word("as
"),this.space(),this.print(r,e)},t.TSTypeAssertion=function(e){const{typeAnnotation:t,expression:r}=e;this.token("<
"),this.print(t,e),this.token(">"),this.space(),this.print(r,e)},t.TSEnumDeclaration=function(e){const{declare:t,const:r
,id:n,members:i}=e;t&&(this.word("declare"),this.space());r&&(this.word("const"),this.space());this.word("enum"),t
his.space(),this.print(n,e),this.space(),this.tsPrintBraced(i,e)},t.TSEnumMember=function(e){const{id:t,initializer:r}
=e;this.print(t,e),r&&(this.space(),this.token("="),this.space(),this.print(r,e));this.token(","),t.TSModuleDeclaration
=function(e){const{declare:t,id:r}=e;t&&(this.word("declare"),this.space());e.global||(this.word("Identifier"===r.type
e?"namespace":"module"),this.space());if(this.print(r,e),!e.body)return void this.token(";");let
n=e.body;for(;"TSModuleDeclaration"===n.type;)this.token("."),this.print(n.id,n),n=n.body;this.space(),this.print(n
,e)},t.TSModuleBlock=function(e){this.tsPrintBraced(e.body,e)},t.TSImportType=function(e){const{argument:t,qua
lifier:r,typeParameters:n}=e;this.word("import"),this.token("("),this.print(t,e),this.token(")"),r&&(this.token("."),this

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.print(r,e));n&&this.print(n,e)},t.TSImportEqualsDeclaration=function(e){const{isExport:t,id:r,moduleReference:n}
=e;t&&(this.word("export"),this.space());this.word("import"),this.space(),this.print(r,e),this.space(),this.token("="),t
his.space(),this.print(n,e),this.token(";");},t.TSExternalModuleReference=function(e){this.token("require"),this.print
(e.expression,e),this.token("")},t.TSNonNullExpression=function(e){this.print(e.expression,e),this.token("!")},t.TS
ExportAssignment=function(e){this.word("export"),this.space(),this.token("="),this.space(),this.print(e.expression,e
),this.token(";");},t.TSNamespaceExportDeclaration=function(e){this.word("export"),this.space(),this.word("as"),this
.space(),this.word("namespace"),this.space(),this.print(e.id,e)},t.tsPrintSignatureDeclarationBase=function(e){const
{typeParameters:t,parameters:r}=e;this.print(t,e),this.token("("),this._parameters(r,e),this.token(")"),this.print(e.type
Annotation,e)},t.tsPrintClassMemberModifiers=function(e,t){t&&e.declare&&(this.word("declare"),this.space());e.
accessibility&&(this.word(e.accessibility),this.space());e.static&&(this.word("static"),this.space());e.abstract&&(thi
s.word("abstract"),this.space());t&&e.readonly&&(this.word("readonly"),this.space())},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.findParent=function(e){let
t=this;for(;t=t.parentPath;if(e(t))return t;return null},t.find=function(e){let t=this;do{if(e(t))return
t}while(t=t.parentPath);return null},t.getFunctionParent=function(){return
this.findParent(e=>e.isFunction())},t.getStatementParent=function(){let
e=this;do{if(!e.parentPath||Array.isArray(e.container)&&e.isStatement())break;e=e.parentPath}while(e;if(e&&(e.is
Program()||e.isFile()))throw new Error("File/Program node, we can't possibly find a statement parent to this");return
e},t.getEarliestCommonAncestorFrom=function(e){return
this.getDeepestCommonAncestorFrom(e,(function(e,t,r){let n;const s=i.VISITOR_KEYS[e.type];for(const e of
r){const
r=e[t+1];n?(r.listKey&&n.listKey===r.listKey&&r.key<n.key||s.indexOf(n.parentKey)>s.indexOf(r.parentKey))&&
(n=r):n=r)return n}}),t.getDeepestCommonAncestorFrom=function(e,t){if(!e.length)return
this;if(1===e.length)return e[0];let r,n,i=1/0;const s=e.map(e=>{const
t=[];do{t.unshift(e)}while((e=e.parentPath)&&e!==this);return t.length<i&&(i=t.length),t}),a=s[0];e:for(let
e=0;e<i;e++){const t=a[e];for(const r of s)if(r[e]!==t)break e;r=e,n=t;if(n)return t?t(n,r,s):n;throw new
Error("Couldn't find intersection")},t.getAncestry=function(){let e=this;const
t=[];do{t.push(e)}while(e=e.parentPath);return t},t.isAncestor=function(e){return
e.isDescendant(this)},t.isDescendant=function(e){return!!this.findParent(t=>t===e)},t.inType=function(){let
e=this;for(;e){for(const t of arguments)if(e.node.type===t)return!0;e=e.parentPath}return!1};var
n,i=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=s();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
a=n?Object.getOwnPropertyDescriptor(e,i):null;a&&(a.get||a.set)?Object.defineProperty(r,i,a):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0));(n=r(8))&&n.__esModule;function s(){if("function"!==typeof WeakMap)return null;var
e=new WeakMap;return s=function(){return e},e},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.getTypeAnnotation=function(){if(this.typeAnnotation)re
turn this.typeAnnotation;let
e=this._getTypeAnnotation()||i.anyTypeAnnotation(),i.isTypeAnnotation(e)&&(e=e.typeAnnotation);return
this.typeAnnotation=e},t._getTypeAnnotation=function(){var e;const
t=this.node;if(!t){if("init"===this.key&&this.parentPath.isVariableDeclarator()){const
e=this.parentPath.parentPath,t=e.parentPath;return"left"===e.key&&t.isForInStatement()?i.stringTypeAnnotation():
"left"===e.key&&t.isForOfStatement()?i.anyTypeAnnotation():i.voidTypeAnnotation()}return}if(t.typeAnnotation)
return t.typeAnnotation;let r=n[t.type];if(r)return r.call(this,t);if(r=n[this.parentPath.type],null==(e=r)?void
0:e.validParent)return this.parentPath.getTypeAnnotation(),t.isBaseType=function(e,t){return
o(e,this.getTypeAnnotation(),t)},t.couldBeBaseType=function(e){const
t=this.getTypeAnnotation();if(i.isAnyTypeAnnotation(t))return!0;if(i.isUnionTypeAnnotation(t)){for(const r of
t.types)if(i.isAnyTypeAnnotation(r)||o(e,r,!0))return!0;return!1}return

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o(e,t,!0)},t.baseTypeStrictlyMatches=function(e){const
t=this.getTypeAnnotation();if(e=e.getTypeAnnotation(),!i.isAnyTypeAnnotation(t)&&i.isFlowBaseAnnotation(t))re
turn e.type===t.type},t.isGenericType=function(e){const t=this.getTypeAnnotation();return
i.isGenericTypeAnnotation(t)&&i.isIdentifier(t.id,{name:e})};var n=a(r(340)),i=a(r(0));function
s(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return s=function(){return e},e}function
a(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var
t=s();if(t&&t.has(e))return t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i
in e)if(Object.prototype.hasOwnProperty.call(e,i)){var
a=n?Object.getOwnPropertyDescriptor(e,i):null;a&&(a.get||a.set)?Object.defineProperty(r,i,a):r[i]=e[i]}return
r.default=e,t&&t.set(e,r),r}function o(e,t,r){if("string"===e)return
i.isStringTypeAnnotation(t);if("number"===e)return i.isNumberTypeAnnotation(t);if("boolean"===e)return
i.isBooleanTypeAnnotation(t);if("any"===e)return i.isAnyTypeAnnotation(t);if("mixed"===e)return
i.isMixedTypeAnnotation(t);if("empty"===e)return i.isEmptyTypeAnnotation(t);if("void"===e)return
i.isVoidTypeAnnotation(t);if(r)return!1;throw new Error("Unknown base type "+e)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.VariableDeclarator=function(){var
e;if(!this.get("id").isIdentifier())return;const t=this.get("init");let
r=t.getTypeAnnotation();"AnyTypeAnnotation"===(null==(e=r)?void
0:e.type)&&t.isCallExpression()&&t.get("callee").isIdentifier({name:"Array"})&&t.scope.hasBinding("Array",!0)
&&(r=l());return r},t.TypeCastExpression=o,t.NewExpression=function(e){if(this.get("callee").isIdentifier())return
i.genericTypeAnnotation(e.callee)},t.TemplateLiteral=function(){return
i.stringTypeAnnotation()},t.UnaryExpression=function(e){const t=e.operator;if("void"===t)return
i.voidTypeAnnotation();if(i.NUMBER_UNARY_OPERATORS.indexOf(t)>=0)return
i.numberTypeAnnotation();if(i.STRING_UNARY_OPERATORS.indexOf(t)>=0)return
i.stringTypeAnnotation();if(i.BOOLEAN_UNARY_OPERATORS.indexOf(t)>=0)return
i.booleanTypeAnnotation()},t.BinaryExpression=function(e){const
t=e.operator;if(i.NUMBER_BINARY_OPERATORS.indexOf(t)>=0)return
i.numberTypeAnnotation();if(i.BOOLEAN_BINARY_OPERATORS.indexOf(t)>=0)return
i.booleanTypeAnnotation();if("+"===t){const e=this.get("right"),t=this.get("left");return
t.isBaseType("number")&&e.isBaseType("number")?i.numberTypeAnnotation():t.isBaseType("string")||e.isBaseTy
pe("string")?i.stringTypeAnnotation():i.unionTypeAnnotation([i.stringTypeAnnotation(),i.numberTypeAnnotation()
])}},t.LogicalExpression=function(){const
e=[this.get("left").getTypeAnnotation(),this.get("right").getTypeAnnotation()];if(i.isTSTypeAnnotation(e[0])&&i.cr
eateTSUnionType)return i.createTSUnionType(e);if(i.createFlowUnionType)return
i.createFlowUnionType(e);return i.createUnionTypeAnnotation(e)},t.ConditionalExpression=function(){const
e=[this.get("consequent").getTypeAnnotation(),this.get("alternate").getTypeAnnotation()];if(i.isTSTypeAnnotation(
e[0])&&i.createTSUnionType)return i.createTSUnionType(e);if(i.createFlowUnionType)return
i.createFlowUnionType(e);return i.createUnionTypeAnnotation(e)},t.SequenceExpression=function(){return
this.get("expressions").pop().getTypeAnnotation()},t.ParenthesizedExpression=function(){return
this.get("expression").getTypeAnnotation()},t.AssignmentExpression=function(){return
this.get("right").getTypeAnnotation()},t.UpdateExpression=function(e){const t=e.operator;if("++"===t||"--
"===t)return i.numberTypeAnnotation()},t.StringLiteral=function(){return
i.stringTypeAnnotation()},t.NumericLiteral=function(){return
i.numberTypeAnnotation()},t.BooleanLiteral=function(){return
i.booleanTypeAnnotation()},t.NullLiteral=function(){return
i.nullLiteralTypeAnnotation()},t.RegExpLiteral=function(){return
i.genericTypeAnnotation(i.identifier("RegExp"))},t.ObjectExpression=function(){return
i.genericTypeAnnotation(i.identifier("Object"))},t.ArrayExpression=l,t.RestElement=c,t.ClassDeclaration=t.ClassEx
pression=t.FunctionDeclaration=t.ArrowFunctionExpression=t.FunctionExpression=function(){return

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i.genericTypeAnnotation(i.identifier("Function")),t.CallExpression=function(){const{callee:e}=this.node;if(u(e))return i.arrayTypeAnnotation(i.stringTypeAnnotation());if(p(e)||d(e))return
i.arrayTypeAnnotation(i.anyTypeAnnotation());if(h(e))return
i.arrayTypeAnnotation(i.tupleTypeAnnotation([i.stringTypeAnnotation(),i.anyTypeAnnotation()]));return
f(this.get("callee")),t.TaggedTemplateExpression=function(){return
f(this.get("tag")),Object.defineProperty(t,"Identifier",{enumerable:!0,get:function(){return s.default}});var
n,i=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=a();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0)),s=(n=r(341))&&n.__esModule?n:{default:n};function a(){if("function"!==typeof
WeakMap)return null;var e=new WeakMap;return a=function(){return e},e}function o(e){return
e.typeAnnotation}function l(){return i.genericTypeAnnotation(i.identifier("Array"))}function c(){return
l()}o.validParent=!0,c.validParent=!0;const
p=i.buildMatchMemberExpression("Array.from"),u=i.buildMatchMemberExpression("Object.keys"),d=i.buildMatc
hMemberExpression("Object.values"),h=i.buildMatchMemberExpression("Object.entries");function
f(e){if((e=e.resolve()).isFunction()){if(e.is("async"))return
e.is("generator"?i.genericTypeAnnotation(i.identifier("AsyncIterator")):i.genericTypeAnnotation(i.identifier("Prom
ise")));if(e.node.returnType)return e.node.returnType}}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){if(!this.isReferenced())return;const
t=this.scope.getBinding(e.name);if(t)return
t.identifier.typeAnnotation?t.identifier.typeAnnotation:function(e,t,r){const i=[],o=[];let l=s(e,t,o);const c=function
e(t,r,i){const s=function(e,t,r){let
n;for(;n=t.parentPath;){if(n.isIfStatement()||n.isConditionalExpression()){if("test"===t.key)return;return
n}if(n.isFunction()&&n.parentPath.scope.getBinding(r)!==e)return;t=n}}(t,r,i);if(!s)return;const
o=[s.get("test")],l=[];for(let e=0;e<o.length;e++){const
t=o[e];if(t.isLogicalExpression())&&"===t.node.operator&&(o.push(t.get("left")),o.push(t.get("right")));else
if(t.isBinaryExpression){const e=a(i,t);e&&l.push(e)}}if(l.length)return
n.isTSTypeAnnotation(l[0])&&n.createTSUnionType?{typeAnnotation:n.createTSUnionType(l),ifStatement:s}:n.cr
eateFlowUnionType?{typeAnnotation:n.createFlowUnionType(l),ifStatement:s}:{typeAnnotation:n.createUnionTy
peAnnotation(l),ifStatement:s};return e(s,i)}(e,t,r);if(c){const
t=s(e,c.ifStatement);l=l.filter(e=>t.indexOf(e)<0),i.push(c.typeAnnotation)}if(l.length){l=l.concat(o);for(const e of
l)i.push(e.getTypeAnnotation())}if(!l.length)return;if(n.isTSTypeAnnotation(i[0])&&n.createTSUnionType)return
n.createTSUnionType(i);if(n.createFlowUnionType)return n.createFlowUnionType(i);return
n.createUnionTypeAnnotation(i)}(t,this,e.name);if("undefined"===e.name)return
n.voidTypeAnnotation();if("NaN"===e.name||"Infinity"===e.name)return n.numberTypeAnnotation(e.name);var
n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e}function s(e,t,r){const n=e.constantViolations.slice();return
n.unshift(e.path),n.filter(e=>{const n=(e=e.resolve())._guessExecutionStatusRelativeTo(t);return
r&&"unknown"===n&&r.push(e),"before"===n}})function a(e,t){const
r=t.node.operator,i=t.get("right").resolve(),s=t.get("left").resolve();let
a,o,l;if(s.isIdentifier({name:e})?a=i:i.isIdentifier({name:e})&&(a=s),a)return"===r?===r?a.getTypeAnnotation():n.B

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OOLEAN_NUMBER_BINARY_OPERATORS.indexOf(r)>=0?n.numberTypeAnnotation():void
0;if("==="!==(r&&"==="!==(r))return;if(s.isUnaryExpression({operator:"typeof"})?(o=s,l=i):i.isUnaryExpression({operator:"typeof"}))&&(o=i,l=s,!o)return;if(!o.get("argument").isIdentifier({name:e}))return;if(l=l.resolve(),!l.isLiteral())return;const c=l.node.value;return"string"===typeof c?n.createTypeAnnotationBasedOnTypeof(c):void
0}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.replaceWithMultiple=function(e){this.resync(),e=this._verifyNodeList(e),o.inheritLeadingComments(e[0],this.node),o.inheritTrailingComments(e[e.length-1],this.node),this.node=this.container[this.key]=null;const
t=this.insertAfter(e);this.node?this.queue():this.remove();return
t},t.replaceWithSourceString=function(e){this.resync();try{e=`(${e})`,e=(0,a.parse)(e)}catch(t){const r=t.loc;throw
r&&(t.message+=" - make sure this is an
expression.\n"+(0,n.codeFrameColumns)(e,{start:{line:r.line,column:r.column+1}}),t.code="BABEL_REPLACE_S
OURCE_ERROR"),t}return
e=e.program.body[0].expression,i.default.removeProperties(e),this.replaceWith(e)},t.replaceWith=function(e){if(this
.resync(),this.removed)throw new Error("You can't replace this node, we've already removed it");e instanceof
s.default&&(e=e.node);if(!e)throw new Error("You passed `path.replaceWith()` a falsy node, use `path.remove()`
instead");if(this.node===e)return[this];if(this.isProgram()&&!o.isProgram(e))throw new Error("You can only
replace a Program root node with another Program node");if(Array.isArray(e))throw new Error("Don't use
`path.replaceWith()` with an array of nodes, use `path.replaceWithMultiple()`");if("string"===typeof e)throw new
Error("Don't use `path.replaceWith()` with a source string, use `path.replaceWithSourceString()`");let
t="";this.isNodeType("Statement")&&o.isExpression(e)&&(this.canHaveVariableDeclarationOrExpression())||this.c
anSwapBetweenExpressionAndStatement(e)||this.parentPath.isExportDefaultDeclaration()||(e=o.expressionStatemen
t(e),t="expression");if(this.isNodeType("Expression")&&o.isStatement(e)&&!this.canHaveVariableDeclarationOr
Expression())&&!this.canSwapBetweenExpressionAndStatement(e))return
this.replaceExpressionWithStatements([e]);const
r=this.node;r&&(o.inheritsComments(e,r),o.removeComments(r));return
this._replaceWith(e),this.type=e.type,this.setScope(),this.queue(),[t?this.get(t):this]},t._replaceWith=function(e){if
(!this.container)throw new ReferenceError("Container is
falsy");this.inList?o.validate(this.parent,this.key,[e]):o.validate(this.parent,this.key,e);this.debug("Replace with
"+(null===e?void
0:e.type)),this.node=this.container[this.key]=e,t.replaceExpressionWithStatements=function(e){this.resync();const
t=o.toSequenceExpression(e,this.scope);if(t)return this.replaceWith(t)[0].get("expressions");const
r=this.getFunctionParent(),n=null===r?void
0:r.is("async"),s=o.arrowFunctionExpression([],o.blockStatement(e));this.replaceWith(o.callExpression(s,[])),this.tr
averse(p);const a=this.get("callee").getCompletionRecords();for(const e of
a){if(!e.isExpressionStatement())continue;const t=e.findParent(e=>e.isLoop());if(t){let
r=t.getData("expressionReplacementReturnUid");if(r)r=o.identifier(r.name);else{const
e=this.get("callee");r=e.scope.generateDeclaredUidIdentifier("ret"),e.get("body").pushContainer("body",o.returnStat
ement(o.cloneNode(r))),t.setData("expressionReplacementReturnUid",r)}e.get("expression").replaceWith(o.assignmen
tExpression("=",o.cloneNode(r),e.node.expression))}else
e.replaceWith(o.returnStatement(e.node.expression))}const
l=this.get("callee");l.arrowFunctionToExpression(),n&&i.default.hasType(this.get("callee.body").node,"AwaitExpre
ssion",o.FUNCTION_TYPES)&&(l.set("async",!0),this.replaceWith(o.awaitExpression(this.node)));return
l.get("body.body")},t.replaceInline=function(e){if(this.resync(),Array.isArray(e)){if(Array.isArray(this.container)){
e=this._verifyNodeList(e);const t=this._containerInsertAfter(e);return this.remove(),t}return
this.replaceWithMultiple(e)}return this.replaceWith(e)};var
n=r(125),i=c(r(17)),s=c(r(8)),a=r(60),o=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof
e&&"function"!==typeof e)return{default:e};var t=l();if(t&&t.has(e))return t.get(e);var

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t=this.level;return function(){const
r=i.bgColor[l[t]][e].apply(null,arguments),n={open:r,close:i.bgColor.close,closeRe:i.bgColor.closeRe};return
f.call(this,this._styles?this._styles.concat(n):[n],this._empty,e)}}}const
h=Object.defineProperties(=>{ },p);function f(e,t,r){const n=function(){return
m.apply(n,arguments)};n._styles=e,n._empty=t;const i=this;return
Object.defineProperty(n,"level",{enumerable:!0,get:()=>i.level,set(e){i.level=e}},Object.defineProperty(n,"enabled",
{enumerable:!0,get:()=>i.enabled,set(e){i.enabled=e}},n.hasGrey=this.hasGrey||"gray"===r||"grey"===r,n.__proto__=h,n)function m(){const e=arguments,t=e.length;let r=String(arguments[0]);if(0===t)return"";if(t>1)for(let
n=1;n<t;n++)r+=" "+e[n];if(!this.enabled||this.level<=0||r)return this._empty?"":r;const
n=i.dim.open;o&&this.hasGrey&&(i.dim.open="");for(const e of
this._styles.slice().reverse())r=e.open+r.replace(e.closeRe,e.open)+e.close,r=r.replace(/r?n/g,`${e.close}${e.open}`);return i.dim.open=n,r}function y(e,t){if(!Array.isArray(t))return[].slice.call(arguments,1).join(" ");const
r=[].slice.call(arguments,2),n=[t.raw[0]];for(let e=1;e<t.length;e++)n.push(String(r[e-1]).replace(/[\{\}\|\|\/g,`\\$&`)),n.push(String(t.raw[e]));return
a(e,n.join(""))}Object.defineProperties(d.prototype,p),e.exports=d,e.exports.supportsColor=s,e.exports.default=e.exports),function(e,t,r){"use strict";var n=/[\\{\}\|\|\/g,`\\$&`]/g;e.exports=function(e){if("string"!==typeof e)throw new
TypeError("Expected a string");return e.replace(n,`\\$&`)},function(e,t,r){"use strict";(function(e){const
t=r(348),n=(e,r)=>function(){const n=e.apply(t,arguments);return`[${n+r}]m`,i=(e,r)=>function(){const
n=e.apply(t,arguments);return`[${38+r};5;${n}]m`,s=(e,r)=>function(){const n=e.apply(t,arguments);return`
[${38+r};2;${n[0]};${n[1]};${n[2]}]m`;Object.defineProperty(e,"exports",{enumerable:!0,get:function(){const
e=new
Map,r={modifier:{reset:[0,0],bold:[1,22],dim:[2,22],italic:[3,23],underline:[4,24],inverse:[7,27],hidden:[8,28],strike
through:[9,29]},color:{black:[30,39],red:[31,39],green:[32,39],yellow:[33,39],blue:[34,39],magenta:[35,39],cyan:[36,39],white:[37,39],gray:[90,39],redBright:[91,39],greenBright:[92,39],yellowBright:[93,39],blueBright:[94,39],ma
gentaBright:[95,39],cyanBright:[96,39],whiteBright:[97,39]},bgColor:{bgBlack:[40,49],bgRed:[41,49],bgGreen:[42,49],bgYellow:[43,49],bgBlue:[44,49],bgMagenta:[45,49],bgCyan:[46,49],bgWhite:[47,49],bgBlackBright:[100,49],
bgRedBright:[101,49],bgGreenBright:[102,49],bgYellowBright:[103,49],bgBlueBright:[104,49],bgMagentaBright:[105,49],bgCyanBright:[106,49],bgWhiteBright:[107,49]}};r.color.grey=r.color.gray;for(const t of
Object.keys(r)){const n=r[t];for(const t of Object.keys(n)){const i=n[t];r[t]={open:`[${i[0]}]m`,close:`
[${i[1]}]m`,n[t]=r[t],e.set(i[0],i[1])}Object.defineProperty(r,t,{value:n,enumerable:!1}),Object.defineProperty(r,"co
des",{value:e,enumerable:!1})}const a=e=>e,o=(e,t,r)=>[e,t,r];r.color.close="[39m",r.bgColor.close="[49m",r.color.ansi={ansi:n(a,0)},r.color.ansi256={ansi256:i(a,0)},r.color.ansi16m={rgb:s(o,0)},r.bgColor.ansi={ans
i:n(a,10)},r.bgColor.ansi256={ansi256:i(a,10)},r.bgColor.ansi16m={rgb:s(o,10)};for(let e of
Object.keys(t)){if("object"!==typeof t[e])continue;const a=t[e];"ansi16"===e&&(e="ansi"),"ansi16"i
n a&&(r.color.ansi[e]=n(a.ansi16,0),r.bgColor.ansi[e]=n(a.ansi16,10)),ansi256"i
n a&&(r.color.ansi256[e]=i(a.ansi256,0),r.bgColor.ansi256[e]=i(a.ansi256,10)),rgb"i
n a&&(r.color.ansi16m[e]=s(a.rgb,0),r.bgColor.ansi16m[e]=s(a.rgb,10))}return
r}}).call(this,r(31)(e)),function(e,t,r){var
n=r(126),i=r(350),s={};Object.keys(n).forEach((function(e){s[e]={},Object.defineProperty(s[e],"channels",{value:n
[e].channels}),Object.defineProperty(s[e],"labels",{value:n[e].labels});var
t=i(e);Object.keys(t).forEach((function(r){var n=t[r];s[e][r]=function(e){var t=function(t){if(null===t)return
t;arguments.length>1&&(t=Array.prototype.slice.call(arguments));var r=e(t);if("object"===typeof r)for(var
n=r.length,i=0;i<n;i++)r[i]=Math.round(r[i]);return r};return"conversion"i
n e&&(t.conversion=e.conversion),t)(n),s[e][r].raw=function(e){var t=function(t){return
null===t?t:(arguments.length>1&&(t=Array.prototype.slice.call(arguments)),e(t));return"conversion"i
n e&&(t.conversion=e.conversion),t)(n)}})),e.exports=s},function(e,t,r){"use
strict";e.exports={aliceblue:[240,248,255],antiquewhite:[250,235,215],aqua:[0,255,255],aquamarine:[127,255,212],
azure:[240,255,255],beige:[245,245,220],bisque:[255,228,196],black:[0,0,0],blanchedalmond:[255,235,205],blue:[0,

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0,255],blueviolet:[138,43,226],brown:[165,42,42],burlywood:[222,184,135],cadetblue:[95,158,160],chartreuse:[127,255,0],chocolate:[210,105,30],coral:[255,127,80],cornflowerblue:[100,149,237],cornsilk:[255,248,220],crimson:[220,20,60],cyan:[0,255,255],darkblue:[0,0,139],darkcyan:[0,139,139],darkgoldenrod:[184,134,111],darkgray:[169,169,169],darkgreen:[0,100,0],darkgrey:[169,169,169],darkkhaki:[189,183,107],darkmagenta:[139,0,139],darkolivegreen:[85,107,47],darkorange:[255,140,0],darkorchid:[153,50,204],darkred:[139,0,0],darksalmon:[233,150,122],darkseagreen:[143,188,143],darkslateblue:[72,61,139],darkslategray:[47,79,79],darkslategrey:[47,79,79],darkturquoise:[0,206,209],darkviolet:[148,0,211],deeppink:[255,20,147],deepskyblue:[0,191,255],dimgray:[105,105,105],dimgrey:[105,105,105],dodgerblue:[30,144,255],firebrick:[178,34,34],floralwhite:[255,250,240],forestgreen:[34,139,34],fuchsia:[255,0,255],gainsboro:[220,220,220],ghostwhite:[248,248,255],gold:[255,215,0],goldenrod:[218,165,32],gray:[128,128,128],green:[0,128,0],greenyellow:[173,255,47],grey:[128,128,128],honeydew:[240,255,240],hotpink:[255,105,180],indianred:[205,92,92],indigo:[75,0,130],ivory:[255,255,240],khaki:[240,230,140],lavender:[230,230,250],lavenderblush:[255,240,245],lawngreen:[124,252,0],lemonchiffon:[255,250,205],lightblue:[173,216,230],lightcoral:[240,128,128],lightcyan:[224,255,255],lightgoldenrodyellow:[250,250,210],lightgray:[211,211,211],lightgreen:[144,238,144],lightgrey:[211,211,211],lightpink:[255,182,193],lightsalmon:[255,160,122],lightseagreen:[32,178,170],lightskyblue:[135,206,250],lightslategray:[119,136,153],lightslategrey:[119,136,153],lightsteelblue:[176,196,222],lightyellow:[255,255,224],lime:[0,255,0],limegreen:[50,205,50],linen:[250,240,230],magenta:[255,0,255],maroon:[128,0,0],mediumaquamarine:[102,205,170],mediumblue:[0,0,205],mediumorchid:[186,85,211],mediumpurple:[147,112,219],mediumseagreen:[60,179,113],mediumslateblue:[123,104,238],mediumspringgreen:[0,250,154],mediumturquoise:[72,209,204],mediumvioletred:[199,21,133],midnightblue:[25,25,112],mintcream:[245,255,250],mistyrose:[255,228,225],moccasin:[255,228,181],navajowhite:[255,222,173],navy:[0,0,128],oldlace:[253,245,230],olive:[128,128,0],olivedrab:[107,142,35],orange:[255,165,0],orangered:[255,69,0],orchid:[218,112,214],palegoldenrod:[238,232,170],palegreen:[152,251,152],paleturquoise:[175,238,238],palevioletred:[219,112,147],papayawhip:[255,239,213],peachpuff:[255,218,185],peru:[205,133,63],pink:[255,192,203],plum:[221,160,221],powderblue:[176,224,230],purple:[128,0,128],rebeccapurple:[102,51,153],red:[255,0,0],rosybrown:[188,143,143],royalblue:[65,105,225],saddlebrown:[139,69,19],salmon:[250,128,114],sandybrown:[244,164,96],seagreen:[46,139,87],seashell:[255,245,238],sienna:[160,82,45],silver:[192,192,192],skyblue:[135,206,235],slateblue:[106,90,205],slategray:[112,128,144],slategrey:[112,128,144],snow:[255,250,250],springgreen:[0,255,127],steelblue:[70,130,180],tan:[210,180,140],teal:[0,128,128],thistle:[216,191,216],tomato:[255,99,71],turquoise:[64,224,208],violet:[238,130,238],wheat:[245,222,179],white:[255,255,255],whitesmoke:[245,245,245],yellow:[255,255,0],yellowgreen:[154,205,50] },function(e,t,r){var n=r(126);function i(e){var t=function(){for(var e={},t=Object.keys(n),r=t.length,i=0;i<r;i++){e[t[i]]={distance:-1,parent:null};return e}(),r=[e];for(t[e].distance=0;r.length;)for(var i=r.pop(),s=Object.keys(n[i]),a=s.length,o=0;o<a;o++){var l=s[o],c=t[l];-1===c.distance&&(c.distance=t[i].distance+1,c.parent=i,r.unshift(l))return t}function s(e,t){return function(r){return t(e(r))}}function a(e,t){for(var r=[t[e].parent,e],i=n[t[e].parent][e],a=t[e].parent;t[a].parent;r.unshift(t[a].parent),i=s(n[t[a].parent][a],i),a=t[a].parent;return i.conversion=r,i)e.exports=function(e){for(var t=i(e),r={},n=Object.keys(t),s=n.length,o=0;o<s;o++){var l=n[o];null!==t[l].parent&&(r[l]=a(l,t))return r}},function(e,t,r){"use strict";const n=r(99),i=r(352),s=process.env;let a,function o(e){return function(e){return 0!==e&&{level:e,hasBasic:!0,has256:e>=2,has16m:e>=3}}(function(e){if(!1===a)return 0;if(i("color=16m"))||i("color=full")||i("color=truecolor"))return 3;if(i("color=256"))return 2;if(e&&!e.isTTY&&!0!==a)return 0;const t=a?1:0;if("win32"===process.platform){const e=n.release().split(".");return Number(process.versions.node.split(".")[0])>=8&&Number(e[0])>=10&&Number(e[2])>=10586?Number(e[2])>=14931?3:2:1}if("CI" in s)return["TRAVIS","CIRCLECI","APPVEYOR","GITLAB_CI"].some(e=>e in s)||"codeship"===s.CI_NAME?1:t;if("TEAMCITY_VERSION" in s)return /^(9\.(0*[1-9])d*)\.\d{2,}\.)/.test(s.TEAMCITY_VERSION)?1:0;if("truecolor"===s.COLORTERM)return 3;if("TERM_PROGRAM" in s){const e=parseInt((s.TERM_PROGRAM_VERSION||"").split(".")[0],10);switch(s.TERM_PROGRAM){case"iTerm.app":r

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return e>=3?3:2;case"Apple_Terminal":return 2} }return/-
256(color)?$/i.test(s.TERM)?2:/^screen|^xterm|^vt100|^vt220|^rxvt|color|ansi|cygwin|linux/i.test(s.TERM)||"COLO
RTERM"in s?1:(s.TERM,t)}(e)}i("no-color")||i("no-
colors")||i("color=false")?a=!1:(i("color")||i("colors")||i("color=true")||i("color=always"))&&(a=!0),"FORCE_COLO
R"in
s&&(a=0===s.FORCE_COLOR.length||0!==(parseInt(s.FORCE_COLOR,10)),e.exports={ supportsColor:o,stdout:o(
process.stdout),stderr:o(process.stderr)}},function(e,t,r){ "use strict";e.exports=(e,t)=>{ t=t||process.argv;const
r=e.startsWith("-")?"":1===e.length?"-":"--",n=t.indexOf(r+e),i=t.indexOf("--");return-1!==(n&&(-
1===i||n<i)}},function(e,t,r){ "use strict";const n=/(?:\u[a-fd]{4}|x[a-
fd]{2})|(?:\{(\~)?(\w+(?:\[^\]]*)?)?(?:\.\w+(?:\[^\]]*)?)?)*)?(?:[
\t](?:=\r?\n))|(\{(?:\.[\r\n\f])+\})/gi,i=/(?^\.\.)(\w+)(?:\{([^\]}*)\})/g,s=/(?^\{(?:\.[^\]}*)\}1$/a=/(?^\u[a-
fd]{4}|x[a-fd]{2})|(\{[^\]}*)/gi,o=new
Map([[ "n", "\n"], [ "r", "\r"], [ "t", "\t"], [ "b", "\b"], [ "f", "\f"], [ "v", "\v"], [ "0", "\0"], [ "\\", "\\" ], [ "e", " " ], [ "a", " " ]]);function
l(e){return"u"===e[0]&&5===e.length||"x"===e[0]&&3===e.length?String.fromCharCode(parseInt(e.slice(1),16)):
o.get(e)||e}function c(e,t){const r=[],n=t.trim().split(/\s*,\s*/g);let i;for(const t of
n)if(isNaN(t)){if(!i=t.match(s))throw new Error(`Invalid Chalk template style argument: ${t} (in style
'${e}')`);r.push(i[2].replace(a,(e,t,r)=>t?l(t:r))}else r.push(Number(t));return r}function p(e){i.lastIndex=0;const
t=[];let r;for(;null!==(r=i.exec(e));){const e=r[1];if(r[2]){const n=c(e,r[2]);t.push([e].concat(n))}else
t.push([e])}return t}function u(e,t){const r={};for(const e of t)for(const t of
e.styles)r[t[0]]=e.inverse?null:t.slice(1);let n=e;for(const e of Object.keys(r))if(Array.isArray(r[e])){if(!(e in
n))throw new Error("Unknown Chalk style: "+e);n=r[e].length>0?n[e].apply(n,r[e]):n[e]}return
n}e.exports=(e,t)=>{const r=[],i=[];let s=[];if(t.replace(n,(t,n,a,o,c,d)=>{if(n)s.push(l(n));else if(o){const
t=s.join("");s=[i.push(0===r.length?t:u(e,r)(t)),r.push({inverse:a,styles:p(o)})]}else if(c){if(0===r.length)throw
new Error("Found extraneous } in Chalk template literal");i.push(u(e,r)(s.join(""))),s=[i,r.pop()}else
s.push(d)}),i.push(s.join(""))),r.length>0){const e=`Chalk template literal is missing ${r.length} closing
bracket${1===r.length?"":s} (\`)\` `;throw new Error(e)}return i.join("")}}},function(e,t,r){ "use
strict";Object.defineProperty(t, "__esModule", { value: !0 }); t.evaluateTruthy=function() { const
e=this.evaluate();if(e.confident)return!!e.value }, t.evaluate=function() { const
e={ confident: !0, deoptPath: null, seen: new Map }; let t=a(this,e);e.confident||(t=void
0);return { confident: e.confident, deopt: e.deoptPath, value: t } }; const
n=["String", "Number", "Math"], i=["random"]; function s(e,t) { t.confident&&(t.deoptPath=e,t.confident=!1) } function
a(e,t) { const { node: r } = e, { seen: l } = t; if (l.has(r)) { const n=l.get(r); return n.resolved?n.value: void s(e,t) } { const
c={ resolved: !1 }; l.set(r,c); const
p=function(e,t) { if (!t.confident) return; const { node: r } = e; if (e.isSequenceExpression()) { const
r=e.get("expressions"); return a(r[r.length-1],t) } if (e.isStringLiteral() || e.isNumericLiteral() || e.isBooleanLiteral()) return
r.value; if (e.isNullLiteral()) return null; if (e.isTemplateLiteral()) return
o(e,r.quasis,t); if (e.isTaggedTemplateExpression() && e.get("tag").isMemberExpression()) { const
n=e.get("tag.object"), { node: { name: i } } = n, s=e.get("tag.property"); if (n.isIdentifier() && "String"===i && !e.scope.get
Binding(i,!0) && s.isIdentifier() && "raw"===s.node.name) return
o(e,r.quasi.quasis,t,!0) } if (e.isConditionalExpression()) { const r=a(e.get("test"),t); if (!t.confident) return; return
a(r?e.get("consequent"):e.get("alternate"),t) } if (e.isExpressionWrapper()) return
a(e.get("expression"),t); if (e.isMemberExpression() && !e.parentPath.isCallExpression({ callee: r })) { const
t=e.get("property"), r=e.get("object"); if (r.isLiteral() && t.isIdentifier()) { const e=r.node.value, n=typeof
e; if ("number"===n || "string"===n) return e[t.node.name] } } if (e.isReferencedIdentifier()) { const
n=e.scope.getBinding(r.name); if (n && n.constantViolations.length>0) return
s(n.path,t); if (n && e.node.start<n.path.node.end) return s(n.path,t); if (null===n?void 0:n.hasValue) return
n.value; if ("undefined"===r.name) return n?s(n.path,t):void 0; if ("Infinity"===r.name) return
n?s(n.path,t):1/0; if ("NaN"===r.name) return n?s(n.path,t):NaN; const i=e.resolve(); return

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i===e?s(e,t):a(i,t)}if(e.isUnaryExpression({prefix:!0}))if("void"===r.operator)return;const
n=e.get("argument");if("typeof"===r.operator&&(n.isFunction()||n.isClass()))return"function";const
i=a(n,t);if(!t.confident)return;switch(r.operator){case"!":return!i;case"+":return+i;case"-":return-
i;case "~":return~i;case"typeof":return typeof i}if(e.isArrayExpression()){const r=[],n=e.get("elements");for(const e of
of n){const n=e.evaluate();if(!n.confident)return s(n.deopt,t);r.push(n.value)}return
r}if(e.isObjectExpression()){const r={},n=e.get("properties");for(const e of
n){if(e.isObjectMethod()||e.isSpreadElement())return s(e,t);let
n=e.get("key");if(e.node.computed){if(n=n.evaluate(),!n.confident)return s(n.deopt,t);n=n.value}else
n=n.isIdentifier()?n.node.name:n.node.value;let i=e.get("value").evaluate();if(!i.confident)return
s(i.deopt,t);i=i.value,r[n]=i}return r}if(e.isLogicalExpression()){const
n=t.confident,i=a(e.get("left"),t),s=t.confident;t.confident=n;const
o=a(e.get("right"),t),l=t.confident;switch(r.operator){case"||":if(t.confident=s&&(!!i||l),!t.confident)return;return
i||o;case"&&":if(t.confident=s&&(!!i||l),!t.confident)return;return i&&o}if(e.isBinaryExpression()){const
n=a(e.get("left"),t);if(!t.confident)return;const i=a(e.get("right"),t);if(!t.confident)return;switch(r.operator){case"-
":return n-i;case"+":return n+i;case"/":return n/i;case"*":return n*i;case"%":return n%i;case"**":return
Math.pow(n,i);case"<":return n<i;case">":return n>i;case"<=":return n<=i;case">=":return n>=i;case"===":return
n==i;case"!=":return n!=i;case"===":return n===i;case"!=":return n!==i;case"|":return n|i;case"&":return
n&i;case"^":return n^i;case"<<":return n<<i;case">>":return n>>i;case">>>":return
n>>>i}if(e.isCallExpression()){const s=e.get("callee");let
o,l;if(s.isIdentifier())&&!e.scope.getBinding(s.node.name,!0)&&n.indexOf(s.node.name)>=0&&(l=global[r.callee.na
me]),s.isMemberExpression()){const
e=s.get("object"),t=s.get("property");if(e.isIdentifier())&&t.isIdentifier())&&n.indexOf(e.node.name)>=0&&i.indexO
f(t.node.name)<0&&(o=global[e.node.name],l=o[t.node.name]),e.isLiteral())&&t.isIdentifier()){const r=typeof
e.node.value;"string"!==r&&"number"!==r||(o=e.node.value,l=o[t.node.name])}if(l){const
r=e.get("arguments").map(e=>a(e,t));if(!t.confident)return;return l.apply(o,r)}s(e,t)(e,t);return
t.confident&&(c.resolved=!0,c.value=p),p}}function o(e,t,r,n=1){let i="",s=0;const
o=e.get("expressions");for(const e of t){if(!r.confident)break;i+=n?e.value.raw:e.value.cooked;const
t=o[s++];t&&(i+=String(a(t,r)))if(r.confident)return i}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.toComputedKey=function(){const e=this.node;let
t;if(this.isMemberExpression())t=e.property;else if(!this.isProperty())&&!this.isMethod())throw new
ReferenceError("todo");t=e.key}e.computed||i.isIdentifier(t)&&(t=i.stringLiteral(t.name));return
t},t.ensureBlock=function(){const e=this.get("body"),t=e.node;if(Array.isArray(e))throw new Error("Can't convert
array path to a block statement");if(!t)throw new Error("Can't convert node without a
body");if(e.isBlockStatement())return t;const r=[];let
n,s,a="body";e.isStatement()?s="body",n=0,r.push(e.node):(a+="body.0",this.isFunction)?(n="argument",r.push(
i.returnStatement(e.node))):(n="expression",r.push(i.expressionStatement(e.node))));this.node.body=i.blockStateme
nt(r);const o=this.get(a);return
e.setup(o,s?o.node[s]:o.node,s,n),this.node},t.arrowFunctionToShadowed=function(){if(!this.isArrowFunctionExpre
ssion())return;this.arrowFunctionToExpression(),t.unwrapFunctionEnvironment=function(){if(!this.isArrowFunci
onExpression())&&!this.isFunctionExpression())&&!this.isFunctionDeclaration())throw
this.buildCodeFrameError("Can only unwrap the environment of a
function.");o(this)},t.arrowFunctionToExpression=function({allowInsertArrow:e=!0,specCompliant:t=!1}={}){if(!t
his.isArrowFunctionExpression())throw this.buildCodeFrameError("Cannot convert non-arrow function to a
function expression.");const r=o(this,t,e);if(this.ensureBlock(),this.node.type="FunctionExpression",t){const
e=r?null:this.parentPath.scope.generateUidIdentifier("arrowCheckId");e&&this.parentPath.scope.push({id:e,init:i.ob
jectExpression([])},this.get("body").unshiftContainer("body",i.expressionStatement(i.callExpression(this.hub.addH
elper("newArrowCheck"),[i.thisExpression(),e?i.identifier(e.name):i.identifier(r)]))),this.replaceWith(i.callExpres
sion(i.memberExpression((0,s.default)(this,!0)||this.node,i.identifier("bind")),[e?i.identifier(e.name):i.thisExpression()])

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    });var n,i=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=a();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0)),s=(n=r(356))&&n.__esModule?n:{default:n};function a(o,e,t=!1,r=!0){const
n=e.findParent(e=>e.isFunction()&&!e.isArrowFunctionExpression()||e.isProgram()||e.isClassProperty({static:!1})),
s="constructor"===n?(n===void 0:n.node.kind);if(n.isClassProperty())throw e.buildCodeFrameError("Unable to
transform arrow inside class
property");const{thisPaths:a,argumentsPaths:o,newTargetPaths:p,superProps:u,superCalls:d}=function(e){const
t=[],r=[],n=[],i=[],s=[];return
e.traverse({ClassProperty(e){e.skip()},Function(e){e.isArrowFunctionExpression()||e.skip()},ThisExpression(e){t.p
ush(e)},JSXIdentifier(e){"this"===e.node.name&&(e.parentPath.isJSXMemberExpression({object:e.node})||e.paren
tPath.isJSXOpeningElement({name:e.node}))&&t.push(e)},CallExpression(e){e.get("callee").isSuper()&&s.push(e
)},MemberExpression(e){e.get("object").isSuper()&&i.push(e)},ReferencedIdentifier(e){"arguments"===e.node.na
me&&r.push(e)},MetaProperty(e){e.get("meta").isIdentifier({name:"new"})&&e.get("property").isIdentifier({name
:"target"})&&n.push(e)}},{thisPaths:t,argumentsPaths:r,newTargetPaths:n,superProps:i,superCalls:s})(e);if(s&&d.
length>0){if(!r)throw d[0].buildCodeFrameError("Unable to handle nested super() usage in arrow");const
e=[];n.traverse({Function(e){e.isArrowFunctionExpression()||e.skip()},ClassProperty(e){e.skip()},CallExpression(t)
{t.get("callee").isSuper()&&e.push(t)});const t=function(e){return c(e,"supercall",()=>>{const
t=e.scope.generateUidIdentifier("args");return
i.arrowFunctionExpression([i.restElement(t),i.callExpression(i.super(),[i.spreadElement(i.identifier(t.name))])])})(
n);e.forEach(e=>{const r=i.identifier(t);r.loc=e.node.callee.loc,e.get("callee").replaceWith(r)});if(o.length>0){const
e=c(n,"arguments",()=>>i.identifier("arguments"));o.forEach(t=>{const
r=i.identifier(e);r.loc=t.node.loc,t.replaceWith(r)});if(p.length>0){const
e=c(n,"newtarget",()=>>i.metaProperty(i.identifier("new"),i.identifier("target")));p.forEach(t=>{const
r=i.identifier(e);r.loc=t.node.loc,t.replaceWith(r)});if(u.length>0){if(!r)throw u[0].buildCodeFrameError("Unable to
handle nested super.prop
usage");u.reduce((e,t)=>e.concat(function(e){if(e.parentPath.isAssignmentExpression()&&"="===e.parentPath.node
.operator){const t=e.parentPath,r=t.node.operator.slice(0,-
1),n=t.node.right;if(t.node.operator="=",e.node.computed){const
s=e.scope.generateDeclaredUidIdentifier("tmp");t.get("left").replaceWith(i.memberExpression(e.node.object,i.assig
nmentExpression("=",s,e.node.property),!0)),t.get("right").replaceWith(i.binaryExpression(r,i.memberExpression(e.
node.object,i.identifier(s.name),!0),n))}else
t.get("left").replaceWith(i.memberExpression(e.node.object,e.node.property)),t.get("right").replaceWith(i.binaryExp
ression(r,i.memberExpression(e.node.object,i.identifier(e.node.property.name)),n));return[t.get("left"),t.get("right")
.get("left")];}if(e.parentPath.isUpdateExpression()){const
t=e.parentPath,r=e.scope.generateDeclaredUidIdentifier("tmp"),n=e.node.computed?e.scope.generateDeclaredUidId
entifier("prop"):null,s=[i.assignmentExpression("=",r,i.memberExpression(e.node.object,n?i.assignmentExpression(
"=",n,e.node.property):e.node.property,e.node.computed),i.assignmentExpression("=",i.memberExpression(e.node.
object,n?i.identifier(n.name):e.node.property,e.node.computed),i.binaryExpression("+",i.identifier(r.name),i.numeric
Literal(1)))];e.parentPath.node.prefix||s.push(i.identifier(r.name)),t.replaceWith(i.sequenceExpression(s));const
a=t.get("expressions.0.right"),o=t.get("expressions.1.left");return[a,o]}return[e]}(t),[]).forEach(e=>{const
t=e.node.computed?"":e.get("property").node.name,r=e.parentPath.isAssignmentExpression({left:e.node}),s=e.paren
tPath.isCallExpression({callee:e.node}),o=function(e,t,r){return
c(e,`superprop_${t?"set":"get"}:${r}||`),()=>>{const n=[];let
s;if(r)s=i.memberExpression(i.super(),i.identifier(r));else{const

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t=e.scope.generateUidIdentifier("prop");n.unshift(t),s=i.memberExpression(i.super(),i.identifier(t.name),!0)}if(t){co
nst t=e.scope.generateUidIdentifier("value");n.push(t),s=i.assignmentExpression("=",s,i.identifier(t.name))}return
i.arrowFunctionExpression(n,s)}(n,r,t),l=[];if(e.node.computed&&l.push(e.get("property").node),r){const
t=e.parentPath.node.right;l.push(t)}const
p=i.callExpression(i.identifier(o),l);s?(e.parentPath.unshiftContainer("arguments",i.thisExpression()),e.replaceWith(
i.memberExpression(p,i.identifier("call"))),a.push(e.parentPath.get("arguments.0"))):r?e.parentPath.replaceWith(p):
e.replaceWith(p)}let h;return(a.length>0||t)&&(h=function(e,t){return c(e,"this",r=>{if(!t||!(e))return
i.thisExpression();const n=new
WeakSet;e.traverse({Function(e){e.isArrowFunctionExpression()||e.skip()},ClassProperty(e){e.skip()},CallExpressi
on(e){e.get("callee").isSuper()&&(n.has(e.node)||n.add(e.node),e.replaceWithMultiple([e.node,i.assignmentExpress
ion("=",i.identifier(r),i.identifier("this"))])})})}(n,s),(!t||s&&l(n))&&(a.forEach(e=>{const
t=e.isJSX()?i.jsxIdentifier(h):i.identifier(h);t.loc=e.node.loc,e.replaceWith(t)}),t&&(h=null))),h}function l(e){return
e.isClassMethod()&&!e.parentPath.parentPath.node.superClass}function c(e,t,r){const n="binding:"+t;let
i=e.getData(n);if(!i){const
s=e.scope.generateUidIdentifier(t);i=s.name,e.setData(n,i),e.scope.push({id:s,init:r(i)})}return
i}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function({node:e,parent:t,scope:r,id:i},a=!1){if(e
.id)return;if(!s.isObjectProperty(t)&&!s.isObjectMethod(t,{kind:"method"})||t.computed&&!s.isLiteral(t.key)){if(s.i
sVariableDeclarator(t)){if(i=t.id,s.isIdentifier(i)&&!a){const
t=r.parent.getBinding(i.name);if(t&&t.constant&&r.getBinding(i.name)===t)return
e.id=s.cloneNode(i),void(e.id[s.NOT_LOCAL_BINDING]=!0)}else
if(s.isAssignmentExpression(t,{operator:"="}))i=t.left;else if(!i)return}else i=t.key;let
o;i&&s.isLiteral(i)?o=function(e){if(s.isNullLiteral(e))return"null";if(s.isRegExpLiteral(e))return`_${e.pattern}`_${e
.flags}`;if(s.isTemplateLiteral(e))return e.quasis.map(e=>e.value.raw).join("");if(void 0!===e.value)return
e.value+"";return""}(i):i&&s.isIdentifier(i)&&(o=i.name);if(void 0===o)return;return
o=s.toBindingIdentifierName(o),(i=s.identifier(o))[s.NOT_LOCAL_BINDING]=!0,function(e,t,r,i){if(e.selfReferen
ce){if(!i.hasBinding(r.name)||i.hasGlobal(r.name)){if(!s.isFunction(t))return;let e=!1;t.generator&&(e=c);const
a=e({FUNCTION:t,FUNCTION_ID:r,FUNCTION_KEY:i.generateUidIdentifier(r.name)}).expression,o=a.callee.b
ody.body[0].params;for(let e=0,r=(0,n.default)(t);e<r;e++)o.push(i.generateUidIdentifier("x"));return
a}i.rename(r.name)}t.id=r,i.getProgramParent().references[r.name]=!0}(function(e,t,r){const
n={selfAssignment:!1,selfReference:!1,outerDeclar:r.getBindingIdentifier(t),references:[],name:t},i=r.getOwnBindi
ng(t);i?"param"===i.kind&&(n.selfReference=!0):(n.outerDeclar||r.hasGlobal(t))&&r.traverse(e,p,n);return
n}(e,o,r),e,i,r)||e};var n=o(r(357)),i=o(r(358)),s=function(e){if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return {default:e};var t=a();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(20));function a(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
a=function(){return e},e}function o(e){return e&&e.__esModule?e:{default:e}}const l=(0,i.default)("
\n (function
(FUNCTION_KEY) {\n  function FUNCTION_ID() {\n    return FUNCTION_KEY.apply(this, arguments);\n
}\n\n  FUNCTION_ID.toString = function () {\n    return FUNCTION_KEY.toString();\n  }\n\n  return
FUNCTION_ID;\n})(FUNCTION)\n",c=(0,i.default)("
\n (function (FUNCTION_KEY) {\n  function*
FUNCTION_ID() {\n    return yield* FUNCTION_KEY.apply(this, arguments);\n  }\n\n
FUNCTION_ID.toString = function () {\n    return FUNCTION_KEY.toString();\n  };\n\n  return
FUNCTION_ID;\n
})(FUNCTION)\n"),p={ReferencedIdentifier|BindingIdentifier"(e,t){if(e.node.name!===t.name)return;e.scope.getBi
ndingIdentifier(t.name)===t.outerDeclar&&(t.selfReference=!0,e.stop())}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){const t=e.params;for(let

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e=0;e<t.length;e++){const r=t[e];if(n.isAssignmentPattern(r)||n.isRestElement(r))return e}return t.length};var
n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(20));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=t.program=t.expression=t.statements=t.statement
=t.smart=void 0;var n,i=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof
e&&"function"!==typeof e)return{default:e};var t=a();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(359)),s=(n=r(360))&&n.__esModule?n:{default:n};function a(){if("function"!==typeof
WeakMap)return null;var e=new WeakMap;return a=function(){return e},e}const
o=(0,s.default)(i.smart);t.smart=o;const l=(0,s.default)(i.statement);t.statement=l;const
c=(0,s.default)(i.statements);t.statements=c;const p=(0,s.default)(i.expression);t.expression=p;const
u=(0,s.default)(i.program);t.program=u;var d=Object.assign(o.bind(void
0),{smart:o,statement:l,statements:c,expression:p,program:u,ast:o.ast});t.default=d},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.program=t.expression=t.statement=t.statements=t.smart=
void 0;var n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(20));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e}function s(e){return{code:e>"/* @babel/template
*/;\n"+e,validate:()=>>{,unwrap:t=>e(t.program.body.slice(1))}}const a=s(e=>e.length>1?e:e[0]);t.smart=a;const
o=s(e=>e);t.statements=o;const l=s(e=>{if(0===e.length)throw new Error("Found nothing to
return.");if(e.length>1)throw new Error("Found multiple statements but wanted one");return
e[0]});t.statement=l;const c={code:e=>`\n${e}\n`,validate:e=>{if(e.program.body.length>1)throw new
Error("Found multiple statements but wanted one");if(0===c.unwrap(e).start)throw new Error("Parse result included
parens.")},unwrap:({program:e})=>{const[t]=e.body;return
n.assertExpressionStatement(t,t.expression)};t.expression=c;t.program={code:e=>e,validate:()=>>{,unwrap:e=>e.p
rogram}},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function
e(t,r){const a=new WeakMap,c=new WeakMap,p=r||(0,n.validate)(null);return
Object.assign((r,...o)=>{if("string"===typeof r){if(o.length>1)throw new Error("Unexpected extra params.");return
l((0,i.default)(t,r,(0,n.merge)(p,(0,n.validate)(o[0])))})if(Array.isArray(r)){let e=a.get(r);return
e||(e=(0,s.default)(t,r,p),a.set(r,e)),l(e(o))}if("object"===typeof r&&r){if(o.length>0)throw new Error("Unexpected
extra params.");return e(t,(0,n.merge)(p,(0,n.validate)(r)))}throw new Error("Unexpected template param "+typeof
r)},{ast:(e,...r)=>{if("string"===typeof e){if(r.length>1)throw new Error("Unexpected extra
params.");return(0,i.default)(t,e,(0,n.merge)((0,n.merge)(p,(0,n.validate)(r[0])),o)}(})if(Array.isArray(e)){let
i=c.get(e);return i||(i=(0,s.default)(t,e,(0,n.merge)(p,o)),c.set(e,i)),i(r)}throw new Error("Unexpected template
param "+typeof e)}}};var n=r(59),i=a(r(361)),s=a(r(363));function a(e){return
e&&e.__esModule?e:{default:e}}const o=(0,n.validate)({placeholderPattern:!1});function l(e){let t="";try{throw
new Error}catch(e){e.stack&&(t=e.stack.split("\n").slice(3).join("\n"))}return r=>{try{return e(r)}catch(e){throw
e.stack+="\n =====\n"+t,e}}},function(e,t,r){"use

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strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){let a;return t=e.code(t),o=>{const
l=(0,n.normalizeReplacements)(o);return a||(a=(0,i.default)(e,t,r)),e.unwrap((0,s.default)(a,l))};var
n=r(59),i=a(r(127)),s=a(r(128));function a(e){return e&&e.__esModule?e:{default:e}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0});class n{constructor(e,t={}){this.label=void
0,this.keyword=void 0,this.beforeExpr=void 0,this.startsExpr=void 0,this.rightAssociative=void 0,this.isLoop=void
0,this.isAssign=void 0,this.prefix=void 0,this.postfix=void 0,this.binop=void 0,this.updateContext=void
0,this.label=e,this.keyword=t.keyword,this.beforeExpr=!t.beforeExpr,this.startsExpr=!t.startsExpr,this.rightAssociative=!t.rightAssociative,this.isLoop=!t.isLoop,this.isAssign=!t.isAssign,this.prefix=!t.prefix,this.postfix=!t.postfix,this.binop=null!=t.binop?t.binop:null,this.updateContext=null}}const i=new Map;function
s(e,t={}){t.keyword=e;const r=new n(e,t);return i.set(e,r),r}function a(e,t){return new
n(e,{beforeExpr:!0,binop:t})}const o={num:new n("num",{startsExpr:!0}),bigint:new
n("bigint",{startsExpr:!0}),decimal:new n("decimal",{startsExpr:!0}),regexp:new
n("regexp",{startsExpr:!0}),string:new n("string",{startsExpr:!0}),name:new
n("name",{startsExpr:!0}),privateName:new n("#name",{startsExpr:!0}),eof:new n("eof"),bracketL:new
n("[",{beforeExpr:!0,startsExpr:!0}),bracketHashL:new n("#[",{beforeExpr:!0,startsExpr:!0}),bracketBarL:new
n("[|",{beforeExpr:!0,startsExpr:!0}),bracketR:new n("]"),bracketBarR:new n("]|"),braceL:new
n("{",{beforeExpr:!0,startsExpr:!0}),braceBarL:new n("{|",{beforeExpr:!0,startsExpr:!0}),braceHashL:new
n("#",{beforeExpr:!0,startsExpr:!0}),braceR:new n("}"),braceBarR:new n("}|"),parenL:new
n("(",{beforeExpr:!0,startsExpr:!0}),parenR:new n(")"),comma:new n(",",{beforeExpr:!0}),semi:new
n(";",{beforeExpr:!0}),colon:new n(":",{beforeExpr:!0}),doubleColon:new n("::",{beforeExpr:!0}),dot:new
n(".",{beforeExpr:!0}),question:new n("?",{beforeExpr:!0}),questionDot:new n("?."),arrow:new
n("=>",{beforeExpr:!0}),template:new n("template"),ellipsis:new n("...",{beforeExpr:!0}),backQuote:new
n("`",{startsExpr:!0}),dollarBraceL:new n("$",{beforeExpr:!0,startsExpr:!0}),at:new n("@"),hash:new
n("#",{startsExpr:!0}),interpreterDirective:new n("#!...",{beforeExpr:!0}),eq:new n("=",{beforeExpr:!0,isAssign:!0}),assign:new
n("_=",{beforeExpr:!0,isAssign:!0}),incDec:new n("++/--",{prefix:!0,postfix:!0,startsExpr:!0}),bang:new
n("!",{beforeExpr:!0,prefix:!0,startsExpr:!0}),tilde:new
n("~",{beforeExpr:!0,prefix:!0,startsExpr:!0}),pipeline:a(">",0),nullishCoalescing:a("??",1),logicalOR:a("||",1),logicalAND:a("&&",2),bitwiseOR:a("|",3),bitwiseXOR:a("^",4),bitwiseAND:a("&",5),equality:a("==/!/====/!==",6),relational:a("</><=>=",7),bitShift:a("<</>>>",8),plusMin:new n("/+/-",{beforeExpr:!0,binop:9,prefix:!0,startsExpr:!0}),modulo:new
n("%",{beforeExpr:!0,binop:10,startsExpr:!0}),star:new n("*",{binop:10}),slash:a("/",10),exponent:new
n("**",{beforeExpr:!0,binop:11,rightAssociative:!0}),_break:s("break"),_case:s("case",{beforeExpr:!0}),_catch:s("catch"),_continue:s("continue"),_debugger:s("debugger"),_default:s("default",{beforeExpr:!0}),_do:s("do",{isLoop:!0,beforeExpr:!0}),_else:s("else",{beforeExpr:!0}),_finally:s("finally"),_for:s("for",{isLoop:!0}),_function:s("function",{startsExpr:!0}),_if:s("if"),_return:s("return",{beforeExpr:!0}),_switch:s("switch"),_throw:s("throw",{beforeExpr:!0,prefix:!0,startsExpr:!0}),_try:s("try"),_var:s("var"),_const:s("const"),_while:s("while",{isLoop:!0}),_with:s("with"),_new:s("new",{beforeExpr:!0,startsExpr:!0}),_this:s("this",{startsExpr:!0}),_super:s("super",{startsExpr:!0}),_class:s("class",{startsExpr:!0}),_extends:s("extends",{beforeExpr:!0}),_export:s("export"),_import:s("import",{startsExpr:!0}),_null:s("null",{startsExpr:!0}),_true:s("true",{startsExpr:!0}),_false:s("false",{startsExpr:!0}),_in:s("in",{beforeExpr:!0,binop:7}),_instanceof:s("instanceof",{beforeExpr:!0,binop:7}),_typeof:s("typeof",{beforeExpr:!0,prefix:!0,startsExpr:!0}),_void:s("void",{beforeExpr:!0,prefix:!0,startsExpr:!0}),_delete:s("delete",{beforeExpr:!0,prefix:!0,startsExpr:!0}),l=/\r\n?[\n\u2028\u2029]/,c=new RegExp(l.source,"g");function p(e){switch(e){case 10:case 13:case 8232:case 8233:return!0;default:return!1}}const u=/(?:\s|\\\/.*|\\\[^\[\]*?\\\/)*\s/g;function d(e){switch(e){case 9:case 11:case 12:case 32:case 160:case 5760:case 8192:case 8193:case 8194:case 8195:case 8196:case 8197:case 8198:case 8199:case 8200:case 8201:case 8202:case 8239:case 8287:case 12288:case 65279:return!0;default:return!1}}class h{constructor(e,t){this.line=void 0,this.column=void 0,this.line=e,this.column=t}}class f{constructor(e,t){this.start=void 0,this.end=void 0,this.filename=void 0,this.identifierName=void 0,this.start=e,this.end=t}}function m(e){return e[e.length-1]}const

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y=Object.freeze({SyntaxError:"BABEL_PARSER_SYNTAX_ERROR",SourceTypeModuleError:"BABEL_PARSER_SOURCETYPE_MODULE_REQUIRED"}),T=g({AccessorIsGenerator:"A %0ter cannot be a generator.",ArgumentsInClass:"'arguments' is only allowed in functions and class methods.",AsyncFunctionInSingleStatementContext:"Async functions can only be declared at the top level or inside a block.",AwaitBindingIdentifier:"Can not use 'await' as identifier inside an async function.",AwaitBindingIdentifierInStaticBlock:"Can not use 'await' as identifier inside a static block.",AwaitExpressionFormalParameter:"'await' is not allowed in async function parameters.",AwaitNotInAsyncContext:"'await' is only allowed within async functions and at the top levels of modules.",AwaitNotInAsyncFunction:"'await' is only allowed within async functions.",BadGetterArity:"A 'get' accessor must not have any formal parameters.",BadSetterArity:"A 'set' accessor must have exactly one formal parameter.",BadSetterRestParameter:"A 'set' accessor function argument must not be a rest parameter.",ConstructorClassField:"Classes may not have a field named 'constructor'.",ConstructorClassPrivateField:"Classes may not have a private field named '#constructor'.",ConstructorIsAccessor:"Class constructor may not be an accessor.",ConstructorIsAsync:"Constructor can't be an async function.",ConstructorIsGenerator:"Constructor can't be a generator.",DeclarationMissingInitializer:"'%0' require an initialization value.",DecoratorBeforeExport:"Decorators must be placed *before* the 'export' keyword. You can set the 'decoratorsBeforeExport' option to false to use the 'export @decorator class {}' syntax.",DecoratorConstructor:"Decorators can't be used with a constructor. Did you mean '@dec class { ... }'?",DecoratorExportClass:"Using the export keyword between a decorator and a class is not allowed. Please use `export @dec class` instead.",DecoratorSemicolon:"Decorators must not be followed by a semicolon.",DecoratorStaticBlock:"Decorators can't be used with a static block.",DeletePrivateField:"Deleting a private field is not allowed.",DestructureNamedImport:"ES2015 named imports do not destructure. Use another statement for destructuring after the import.",DuplicateConstructor:"Duplicate constructor in the same class.",DuplicateDefaultExport:"Only one default export allowed per module.",DuplicateExport:"'%0' has already been exported. Exported identifiers must be unique.",DuplicateProto:"Redefinition of __proto__ property.",DuplicateRegExpFlags:"Duplicate regular expression flag.",ElementAfterRest:"Rest element must be last element.",EscapedCharNotAnIdentifier:"Invalid Unicode escape.",ExportBindingIsString:"A string literal cannot be used as an exported binding without `from`. Did you mean `export { '%0' as '%1' } from 'some-module'`?",ExportDefaultFromAsIdentifier:"'from' is not allowed as an identifier after 'export default'.",ForInOfLoopInitializer:"'%0' loop variable declaration may not have an initializer.",ForOfAsync:"The left-hand side of a for-of loop may not be 'async'.",ForOfLet:"The left-hand side of a for-of loop may not start with 'let'.",GeneratorInSingleStatementContext:"Generators can only be declared at the top level or inside a block.",IllegalBreakContinue:"Unsyntactic %0.",IllegalLanguageModeDirective:"Illegal 'use strict' directive in function with non-simple parameter list.",IllegalReturn:"'return' outside of function.",ImportBindingIsString:"A string literal cannot be used as an imported binding. Did you mean `import { '%0' as foo }`?",ImportCallArgumentTrailingComma:"Trailing comma is disallowed inside import(...) arguments.",ImportCallArity:"`import()` requires exactly %0.",ImportCallNotNewExpression:"Cannot use new with import(...)".",ImportCallSpreadArgument:"`...` is not allowed in `import()`.",InvalidBigIntLiteral:"Invalid BigIntLiteral.",InvalidCodePoint:"Code point out of bounds.",InvalidDecimal:"Invalid decimal.",InvalidDigit:"Expected number in radix %0.",InvalidEscapeSequence:"Bad character escape sequence.",InvalidEscapeSequenceTemplate:"Invalid escape sequence in template.",InvalidEscapedReservedWord:"Escape sequence in keyword %0.",InvalidIdentifier:"Invalid identifier %0.",InvalidLhs:"Invalid left-hand side in %0.",InvalidLhsBinding:"Binding invalid left-hand side in %0.",InvalidNumber:"Invalid number.",InvalidOrMissingExponent:"Floating-point numbers require a valid exponent after the 'e'.",InvalidOrUnexpectedToken:"Unexpected character '%0'.",InvalidParenthesizedAssignment:"Invalid parenthesized assignment pattern.",InvalidPrivateFieldResolution:"Private name #%0 is not defined.",InvalidPropertyBindingPattern:"Binding

member expression.",InvalidRecordProperty:"Only properties and spread elements are allowed in record definitions.",InvalidRestAssignmentPattern:"Invalid rest operator's argument.",LabelRedeclaration:"Label '%0' is already declared.",LetInLexicalBinding:"let' is not allowed to be used as a name in 'let' or 'const' declarations.",LineTerminatorBeforeArrow:"No line break is allowed before '=>'.",MalformedRegExpFlags:"Invalid regular expression flag.",MissingClassName:"A class name is required.",MissingEqInAssignment:"Only '=' operator can be used for specifying default value.",MissingSemicolon:"Missing semicolon.",MissingUnicodeEscape:"Expecting Unicode escape sequence \\uXXXX.",MixingCoalesceWithLogical:"Nullish coalescing operator(??) requires parens when mixing with logical operators.",ModuleAttributeDifferentFromType:"The only accepted module attribute is `type`.",ModuleAttributeInvalidValue:"Only string literals are allowed as module attribute values.",ModuleAttributesWithDuplicateKeys:"Duplicate key '%0' is not allowed in module attributes.",ModuleExportNameHasLoneSurrogate:"An export name cannot include a lone surrogate, found '\\u%0'.",ModuleExportUndefined:"Export '%0' is not defined.",MultipleDefaultsInSwitch:"Multiple default clauses.",NewlineAfterThrow:"Illegal newline after throw.",NoCatchOrFinally:"Missing catch or finally clause.",NumberIdentifier:"Identifier directly after number.",NumericSeparatorInEscapeSequence:"Numeric separators are not allowed inside unicode escape sequences or hex escape sequences.",ObsoleteAwaitStar:"await* has been removed from the async functions proposal. Use Promise.all() instead.",OptionalChainingNoNew:"Constructors in/after an Optional Chain are not allowed.",OptionalChainingNoTemplate:"Tagged Template Literals are not allowed in optionalChain.",OverrideOnConstructor:"'override' modifier cannot appear on a constructor declaration.",ParamDupe:"Argument name clash.",PatternHasAccessor:"Object pattern can't contain getter or setter.",PatternHasMethod:"Object pattern can't contain methods.",PipelineBodyNoArrow:"Unexpected arrow "=>" after pipeline body; arrow function in pipeline body must be parenthesized.",PipelineBodySequenceExpression:"Pipeline body may not be a comma-separated sequence expression.",PipelineHeadSequenceExpression:"Pipeline head should not be a comma-separated sequence expression.",PipelineTopicUnused:"Pipeline is in topic style but does not use topic reference.",PrimaryTopicNotAllowed:"Topic reference was used in a lexical context without topic binding.",PrimaryTopicRequiresSmartPipeline:"Primary Topic Reference found but pipelineOperator not passed 'smart' for 'proposal' option.",PrivateInExpectedIn:"Private names are only allowed in property accesses (`obj.#%0`) or in `in` expressions (`#%0 in obj`).",PrivateNameRedeclaration:"Duplicate private name #%0.",RecordExpressionBarIncorrectEndSyntaxType:"Record expressions ending with `}` are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'bar'.",RecordExpressionBarIncorrectStartSyntaxType:"Record expressions starting with `{` are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'bar'.",RecordExpressionHashIncorrectStartSyntaxType:"Record expressions starting with `#{` are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'hash'.",RecordNoProto:"`__proto__` is not allowed in Record expressions.",RestTrailingComma:"Unexpected trailing comma after rest element.",SloppyFunction:"In non-strict mode code, functions can only be declared at top level, inside a block, or as the body of an if statement.",StaticPrototype:"Classes may not have static property named prototype.",StrictDelete:"Deleting local variable in strict mode.",StrictEvalArguments:"Assigning to '%0' in strict mode.",StrictEvalArgumentsBinding:"Binding '%0' in strict mode.",StrictFunction:"In strict mode code, functions can only be declared at top level or inside a block.",StrictNumericEscape:"The only valid numeric escape in strict mode is '\\0'.",StrictOctalLiteral:"Legacy octal literals are not allowed in strict mode.",StrictWith:"`with` in strict mode.",SuperNotAllowed:"`super()` is only valid inside a class constructor of a subclass. Maybe a typo in the method name ('constructor') or not extending another class?",SuperPrivateField:"Private fields can't be accessed on super.",TrailingDecorator:"Decorators must be attached to a class element.",TupleExpressionBarIncorrectEndSyntaxType:"Tuple expressions ending with `}]` are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to

'bar'.',TupleExpressionBarIncorrectStartSyntaxType:"Tuple expressions starting with '[' are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to

'bar'.',TupleExpressionHashIncorrectStartSyntaxType:"Tuple expressions starting with '#' are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to

'hash'.',UnexpectedArgumentPlaceholder:"Unexpected argument placeholder.",UnexpectedAwaitAfterPipelineBody:"Unexpected 'await' after pipeline body; await must have parentheses in minimal proposal.",UnexpectedDigitAfterHash:"Unexpected digit after hash token.",UnexpectedImportExport:"'import' and 'export' may only appear at the top level.",UnexpectedKeyword:"Unexpected keyword '%0'." ,UnexpectedLeadingDecorator:"Leading decorators must be attached to a class declaration." ,UnexpectedLexicalDeclaration:"Lexical declaration cannot appear in a single-statement context." ,UnexpectedNewTarget:"`new.target` can only be used in functions or class properties." ,UnexpectedNumericSeparator:"A numeric separator is only allowed between two digits." ,UnexpectedPrivateField:"Private names can only be used as the name of a class element (i.e. class C { #p = 42; #m() { } }) or a property of member expression (i.e. this.#p)." ,UnexpectedReservedWord:"Unexpected reserved word '%0'." ,UnexpectedSuper:"'super' is only allowed in object methods and classes." ,UnexpectedToken:"Unexpected token '%0'." ,UnexpectedTokenUnaryExponentiation:"Illegal expression. Wrap left hand side or entire exponentiation in parentheses." ,UnsupportedBind:"Binding should be performed on object property." ,UnsupportedDecoratorExport:"A decorated export must export a class declaration." ,UnsupportedDefaultExport:"Only expressions, functions or classes are allowed as the `default` export." ,UnsupportedImport:"`import` can only be used in `import()` or `import.meta`." ,UnsupportedMetaProperty:"The only valid meta property for %0 is %0.%1." ,UnsupportedParameterDecorator:"Decorators cannot be used to decorate parameters." ,UnsupportedPropertyDecorator:"Decorators cannot be used to decorate object literal properties." ,UnsupportedSuper:"'super' can only be used with function calls (i.e. super()) or in property accesses (i.e. super.prop or super[prop])." ,UnterminatedComment:"Unterminated comment." ,UnterminatedRegExp:"Unterminated regular expression." ,UnterminatedString:"Unterminated string constant." ,UnterminatedTemplate:"Unterminated template." ,VarRedeclaration:"Identifier '%0' has already been declared." ,YieldBindingIdentifier:"Can not use 'yield' as identifier inside a generator." ,YieldInParameter:"Yield expression is not allowed in formal parameters." ,ZeroDigitNumericSeparator:"Numeric separator can not be used after leading 0." } ,y.SyntaxError),b=g({ ImportMetaOutsideModule:"import.meta may appear only with 'sourceType': 'module'",ImportOutsideModule:"'import' and 'export' may appear only with 'sourceType': 'module'",y.SourceTypeModuleError});function g(e,t){const r={};return Object.keys(e).forEach(n=>{r[n]=Object.freeze({code:t,reasonCode:n,template:e[n]})}),Object.freeze(r)}class S{constructor(e,t,r,n){this.token=void 0,this.isExpr=void 0,this.preserveSpace=void 0,this.override=void 0,this.token=e,this.isExpr=!t,this.preserveSpace=!r,this.override=n }const x={braceStatement:new S("{" ,!1),braceExpression:new S("{ " ,!0),recordExpression:new S("#{" ,!0),templateQuasi:new S("\${ " ,!1),parenStatement:new S("(" ,!1),parenExpression:new S("(" ,!0),template:new S("`" ,!0,!0,e=>e.readTmpToken()),functionExpression:new S("function" ,!0),functionStatement:new S("function" ,!1)};o.parenR.updateContext=o.braceR.updateContext=function(){if(1===this.state.context.length)return void(this.state.exprAllowed=!0);let e=this.state.context.pop();e===x.braceStatement&&"function"===this.curContext().token&&(e=this.state.context.pop()),this.state.exprAllowed=!e.isExpr } ,o.name.updateContext=function(e){let t=!1;e===o.dot&&("of"!==this.state.value||this.state.exprAllowed||e===o._function||e===o._class||(t=!0)),this.state.exprAllowed=t } ,o.braceL.updateContext=function(e){this.state.context.push(this.braceIsBlock(e)?x.braceStatement:x.braceExpression),this.state.exprAllowed=!0 } ,o.dollarBraceL.updateContext=function(){this.state.context.push(x.templateQuasi),this.state.exprAllowed=!0 } ,o.parenL.updateContext=function(e){const t=e===o._if||e===o._for||e===o._with||e===o._while;this.state.context.push(t?x.parenStatement:x.parenExpression) ,this.state.exprAllowed=!0 } ,o.incDec.updateContext=function(){ } ,o._function.updateContext=o._class.updateConte

```

xt=function(e){!e.beforeExpr||e===o.semi||e===o._else||e===o._return&&this.hasPrecedingLineBreak()||(e===o.col
on||e===o.braceL)&&this.curContext()===x.b_stat?this.state.context.push(x.functionStatement):this.state.context.p
ush(x.functionExpression),this.state.exprAllowed=!1},o.backQuote.updateContext=function(){this.curContext()===
x.template?this.state.context.pop():this.state.context.push(x.template),this.state.exprAllowed=!1},o.braceHashL.upd
ateContext=function(){this.state.context.push(x.recordExpression),this.state.exprAllowed=!0};let E="μ°À-ÖØ-öø-
^
-----
-----",P="
-----
";const v=new RegExp("[+E+]"),A=new RegExp("[+E+P+]");E=P=null;const
w=[0,11,2,25,2,18,2,1,2,14,3,13,35,122,70,52,268,28,4,48,48,31,14,29,6,37,11,29,3,35,5,7,2,4,43,157,19,35,5,35,5,
39,9,51,157,310,10,21,11,7,153,5,3,0,2,43,2,1,4,0,3,22,11,22,10,30,66,18,2,1,11,21,11,25,71,55,7,1,65,0,16,3,2,2,2,
28,43,28,4,28,36,7,2,27,28,53,11,21,11,18,14,17,111,72,56,50,14,50,14,35,349,41,7,1,79,28,11,0,9,21,107,20,28,22,
13,52,76,44,33,24,27,35,30,0,3,0,9,34,4,0,13,47,15,3,22,0,2,0,36,17,2,24,85,6,2,0,2,3,2,14,2,9,8,46,39,7,3,1,3,21,2,6
,2,1,2,4,4,0,19,0,13,4,159,52,19,3,21,2,31,47,21,1,2,0,185,46,42,3,37,47,21,0,60,42,14,0,72,26,230,43,117,63,32,7,3
,0,3,7,2,1,2,23,16,0,2,0,95,7,3,38,17,0,2,0,29,0,11,39,8,0,22,0,12,45,20,0,35,56,264,8,2,36,18,0,50,29,113,6,2,1,2,37
,22,0,26,5,2,1,2,31,15,0,328,18,190,0,80,921,103,110,18,195,2749,1070,4050,582,8634,568,8,30,114,29,19,47,17,3,
32,20,6,18,689,63,129,74,6,0,67,12,65,1,2,0,29,6135,9,1237,43,8,8952,286,50,2,18,3,9,395,2309,106,6,12,4,8,8,9,5
991,84,2,70,2,1,3,0,3,1,3,3,2,11,2,0,2,6,2,64,2,3,3,7,2,6,2,27,2,3,2,4,2,0,4,6,2,339,3,24,2,24,2,30,2,24,2,30,2,24,2,30
,2,24,2,30,2,24,2,7,2357,44,11,6,17,0,370,43,1301,196,60,67,8,0,1205,3,2,26,2,1,2,0,3,0,2,9,2,3,2,0,2,0,7,0,5,0,2,0,2
,0,2,2,2,1,2,0,3,0,2,0,2,0,2,0,2,1,2,0,3,3,2,6,2,3,2,3,2,0,2,9,2,16,6,2,2,4,2,16,4421,42717,35,4148,12,221,3,5761,
15,7472,3104,541,1507,4938],O=[509,0,227,0,150,4,294,9,1368,2,2,1,6,3,41,2,5,0,166,1,574,3,9,9,370,1,154,10,17
6,2,54,14,32,9,16,3,46,10,54,9,7,2,37,13,2,9,6,1,45,0,13,2,49,13,9,3,2,11,83,11,7,0,161,11,6,9,7,3,56,1,2,6,3,1,3,2,1
0,0,11,1,3,6,4,4,193,17,10,9,5,0,82,19,13,9,214,6,3,8,28,1,83,16,16,9,82,12,9,9,84,14,5,9,243,14,166,9,71,5,2,1,3,3,
2,0,2,1,13,9,120,6,3,6,4,0,29,9,41,6,2,3,9,0,10,10,47,15,406,7,2,7,17,9,57,21,2,13,123,5,4,0,2,1,2,6,2,0,9,9,49,4,2,1,
2,4,9,9,330,3,19306,9,135,4,60,6,26,9,1014,0,2,54,8,3,82,0,12,1,19628,1,5319,4,4,5,9,7,3,6,31,3,149,2,1418,49,513,
54,5,49,9,0,15,0,23,4,2,14,1361,6,2,16,3,6,2,1,2,4,262,6,10,9,419,13,1495,6,110,6,6,9,4759,9,787719,239];function
I(e,t){let r=65536;for(let
n=0,i=t.length;n<i;n+=2){if(r+=t[n],r>e)return!1;if(r+=t[n+1],r>=e)return!0}return!1}function C(e){return
e<65?36===e:e<=90||(e<97?95===e:e<=122||(e<=65535?e>=170&&v.test(String.fromCharCode(e)):I(e,w)))}functi
on N(e){return
e<48?36===e:e<58!|(e<65)&&(e<=90||(e<97?95===e:e<=122||(e<=65535?e>=170&&A.test(String.fromCharCode
(e)):I(e,w)||I(e,O)))}const
k=["implements","interface","let","package","private","protected","public","static","yield"],D=["eval","arguments"],
_=_new
Set(["break","case","catch","continue","debugger","default","do","else","finally","for","function","if","return","swit
ch","throw","try","var","const","while","with","new","this","super","class","extends","export","import","null","true"
,"false","in","instanceof","typeof","void","delete"]),L=new Set(k),M=new Set(D);function j(e,t){return
t&&"await"===e||"enum"===e}function F(e,t){return j(e,t)||L.has(e)}function R(e){return M.has(e)}function
B(e,t){return F(e,t)||R(e)}function U(e){return _.has(e)}const V=/^in(stanceof)?$/;class
K{constructor(e){this.flags=void 0,this.var=[],this.lexical=[],this.functions=[],this.flags=e}class
q{constructor(e,t){this.scopeStack=[],this.undefinedExports=new Map,this.undefinedPrivateNames=new
Map,this.raise=e,this.inModule=t}get inFunction(){return(2&this.currentVarScope().flags)>0}get
allowSuper(){return(16&this.currentThisScope().flags)>0}get
allowDirectSuper(){return(32&this.currentThisScope().flags)>0}get
inClass(){return(64&this.currentThisScope().flags)>0}get
inStaticBlock(){return(128&this.currentThisScope().flags)>0}get
inNonArrowFunction(){return(2&this.currentThisScope().flags)>0}get treatFunctionsAsVar(){return
this.treatFunctionsAsVarInScope(this.currentScope())}createScope(e){return new

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K(e)}enter(e){this.scopeStack.push(this.createScope(e))}exit(){this.scopeStack.pop()}treatFunctionsAsVarInScope(
e){return!!(2&e.flags||!this.inModule&&1&e.flags)}declareName(e,t,r){let
n=this.currentScope();if(8&t|16&t)this.checkRedeclarationInScope(n,e,t,r),16&t?n.functions.push(e):n.lexical.push(
e),8&t&&this.maybeExportDefined(n,e);else if(4&t)for(let i=this.scopeStack.length-
1;i>=0&&(n=this.scopeStack[i],this.checkRedeclarationInScope(n,e,t,r),n.var.push(e),this.maybeExportDefined(n,e)
,!(259&n.flags));--
i);this.inModule&&1&n.flags&&this.undefinedExports.delete(e)}maybeExportDefined(e,t){this.inModule&&1&e.f
lags&&this.undefinedExports.delete(t)}checkRedeclarationInScope(e,t,r,n){this.isRedeclaredInScope(e,t,r)&&this.r
aise(n,T.VarRedeclaration,t)}isRedeclaredInScope(e,t,r){return!!(1&r)&&(8&r?e.lexical.indexOf(t)>-
1||e.functions.indexOf(t)>-1||e.var.indexOf(t)>-1:16&r?e.lexical.indexOf(t)>-
1||!this.treatFunctionsAsVarInScope(e)&&e.var.indexOf(t)>-1:e.lexical.indexOf(t)>-
1&&!(8&e.flags&&e.lexical[0]==t)||!this.treatFunctionsAsVarInScope(e)&&e.functions.indexOf(t)>-
1)}checkLocalExport(e){-1===this.scopeStack[0].lexical.indexOf(e.name)&&-
1===this.scopeStack[0].var.indexOf(e.name)&&-
1===this.scopeStack[0].functions.indexOf(e.name)&&this.undefinedExports.set(e.name,e.start)}currentScope(){ret
urn this.scopeStack[this.scopeStack.length-1]}currentVarScope(){for(let e=this.scopeStack.length-1;;e--){const
t=this.scopeStack[e];if(259&t.flags)return t)}currentThisScope(){for(let e=this.scopeStack.length-1;;e--){const
t=this.scopeStack[e];if((259&t.flags|64&t.flags)&&!(4&t.flags))return t}}class Y extends
K{constructor(...e){super(...e),this.declareFunctions=[]}}class W extends q{createScope(e){return new
Y(e)}declareName(e,t,r){const n=this.currentScope();if(2048&t)return
this.checkRedeclarationInScope(n,e,t,r),this.maybeExportDefined(n,e),void
n.declareFunctions.push(e);super.declareName(...arguments)}isRedeclaredInScope(e,t,r){return!!super.isRedeclared
InScope(...arguments)||!(2048&r)&&(!e.declareFunctions.includes(t)&&(e.lexical.includes(t)||e.functions.includes(t)
)))}checkLocalExport(e){-
1===this.scopeStack[0].declareFunctions.indexOf(e.name)&&super.checkLocalExport(e)}const X=new
Set(["_","any","bool","boolean","empty","extends","false","interface","mixed","null","number","static","string","tru
e","typeof","void"]);J=g({AmbiguousConditionalArrow:"Ambiguous expression: wrap the arrow functions in
parentheses to disambiguate.",AmbiguousDeclareModuleKind:"Found both `declare module.exports` and `declare
export` in the same module. Modules can only have 1 since they are either an ES module or they are a CommonJS
module.",AssignReservedType:"Cannot overwrite reserved type %0.",DeclareClassElement:"The `declare` modifier
can only appear on class fields.",DeclareClassFieldInitializer:"Initializers are not allowed in fields with the `declare`
modifier.",DuplicateDeclareModuleExports:"Duplicate `declare module.exports`
statement.",EnumBooleanMemberNotInitialized:"Boolean enum members need to be initialized. Use either `%0 =
true,` or `%0 = false,` in enum `%1`.",EnumDuplicateMemberName:"Enum member names need to be unique, but
the name `%0` has already been used before in enum `%1`.",EnumInconsistentMemberValues:"Enum `%0` has
inconsistent member initializers. Either use no initializers, or consistently use literals (either booleans, numbers, or
strings) for all member initializers.",EnumInvalidExplicitType:"Enum type `%1` is not valid. Use one of `boolean`,
`number`, `string`, or `symbol` in enum `%0`.",EnumInvalidExplicitTypeUnknownSupplied:"Supplied enum type is
not valid. Use one of `boolean`, `number`, `string`, or `symbol` in enum
`%0`.",EnumInvalidMemberInitializerPrimaryType:"Enum `%0` has type `%2`, so the initializer of `%1` needs to
be a %2 literal.",EnumInvalidMemberInitializerSymbolType:"Symbol enum members cannot be initialized. Use
`%1,` in enum `%0`.",EnumInvalidMemberInitializerUnknownType:"The enum member initializer for `%1` needs
to be a literal (either a boolean, number, or string) in enum `%0`.",EnumInvalidMemberName:"Enum member
names cannot start with lowercase 'a' through 'z'. Instead of using `%0`, consider using `%1`, in enum
`%2`.",EnumNumberMemberNotInitialized:"Number enum members need to be initialized, e.g. `%1 = 1` in enum
`%0`.",EnumStringMemberInconsistentlyInitailized:"String enum members need to consistently either all use
initializers, or use no initializers, in enum `%0`.",GetterMayNotHaveThisParam:"A getter cannot have a `this`
parameter.",ImportTypeShorthandOnlyInPureImport:"The `type` and `typeof` keywords on named imports can only

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be used on regular `import` statements. It cannot be used with `import type` or `import typeof` statements.",InexactInsideExact:"Explicit inexact syntax cannot appear inside an explicit exact object type.",InexactInsideNonObject:"Explicit inexact syntax cannot appear in class or interface definitions.",InexactVariance:"Explicit inexact syntax cannot have variance.",InvalidNonTypeImportInDeclareModule:"Imports within a `declare module` body must always be `import type` or `import typeof`.",MissingTypeParamDefault:"Type parameter declaration needs a default, since a preceding type parameter declaration has a default.",NestedDeclareModule:"`declare module` cannot be used inside another `declare module`.",NestedFlowComment:"Cannot have a flow comment inside another flow comment.",OptionalBindingPattern:"A binding pattern parameter cannot be optional in an implementation signature.",SetterMayNotHaveThisParam:"A setter cannot have a `this` parameter.",SpreadVariance:"Spread properties cannot have variance.",ThisParamAnnotationRequired:"A type annotation is required for the `this` parameter.",ThisParamBannedInConstructor:"Constructors cannot have a `this` parameter; constructors don't bind `this` like other functions.",ThisParamMayNotBeOptional:"The `this` parameter cannot be optional.",ThisParamMustBeFirst:"The `this` parameter must be the first function parameter.",ThisParamNoDefault:"The `this` parameter may not have a default value.",TypeBeforeInitializer:"Type annotations must come before default assignments, e.g. instead of `age = 25: number` use `age: number = 25`.",TypeCastInPattern:"The type cast expression is expected to be wrapped with parenthesis.",UnexpectedExplicitInexactInObject:"Explicit inexact syntax must appear at the end of an inexact object.",UnexpectedReservedType:"Unexpected reserved type %0.",UnexpectedReservedUnderscore:"`_` is only allowed as a type argument to call or new.",UnexpectedSpaceBetweenModuloChecks:"Spaces between ``` and `checks` are not allowed here.",UnexpectedSpreadType:"Spread operator cannot appear in class or interface definitions.",UnexpectedSubtractionOperand:"Unexpected token, expected `number` or `bigint`.",UnexpectedTokenAfterTypeParameter:"Expected an arrow function after this type parameter declaration.",UnexpectedTypeParameterBeforeAsyncArrowFunction:"Type parameters must come after the `async` keyword, e.g. instead of `<T> async () => {}`, use `async <T>() => {}`.",UnsupportedDeclareExportKind:"`declare export %0` is not supported. Use `%1` instead.",UnsupportedStatementInDeclareModule:"Only declares and type imports are allowed inside `declare module`.",UnterminatedFlowComment:"Unterminated flow-comment."},y.SyntaxError);function H(e){return"type"===e.importKind||"typeof"===e.importKind}function G(e){return(e.type===o.name||!e.type.keyword)&&"from"!==e.value}const z={const:"declare export var",let:"declare export var",type:"export type",interface:"export interface"};const \$=RegExp("\\s*((?:no)?flow)");const Q={quot:"\"",amp:"&",apos:"'",lt:"<",gt:">",nbsp:" ",iexcl:"!",cent:"¢",pound:"£",curren:"¤",yen:"¥",brvbar:"¦",sect:"§",uml:"¨",copy:"©",ordf:"ª",laquo:"«",not:"¬",shy:"­",reg:"®",macr:"¯",deg:"°",plumn:"±",sup2:"²",sup3:"³",acute:"´",micro:"µ",para:"¶",middot:"·",cedil:"¸",sup1:"¹",ordm:"ª",raquo:"»",frac14:"¼",frac12:"½",frac34:"¾",quest:"¿",Agrave:"À",Acute:"Á",Acirc:"Â",Atilde:"Ã",Auml:"Ä",Aring:"Å",Aelig:"Æ",Ccedil:"Ç",Egrave:"È",Eacute:"É",Ecirc:"Ê",Euml:"Ë",Igrave:"Ì",Iacute:"Í",Icirc:"Î",Iuml:"Ï",ETH:"Ð",Ntilde:"Ñ",Ograve:"Ò",Oacute:"Ó",Ocirc:"Ô",Otilde:"Õ",Ouml:"Ö",times:"×",Oslash:"Ø",Ugrave:"Ù",Uacute:"Ú",Ucirc:"Û",Uuml:"Ü",Yacute:"Ý",THORN:"Þ",szlig:"ß",agrave:"à",acute:"á",acirc:"â",atilde:"ã",auml:"ä",aring:"å",aelig:"æ",ccedil:"ç",egrave:"è",eacute:"é",ecirc:"ê",euml:"ë",igrave:"ì",iacute:"í",icirc:"î",iuml:"ï",eth:"ð",ntilde:"ñ",ograve:"ò",oacute:"ó",ocirc:"ô",otilde:"õ",ouml:"ö",divide:"÷",oslash:"ø",ugrave:"ù",uacute:"ú",ucirc:"û",uuml:"ü",yacute:"ý",thorn:"þ",yuml:"ÿ",OElig:"Œ",oelig:"œ",Scaron:"Š",scaron:"š",Yuml:"ÿ",fnof:"ƒ",circ:"ˆ",tilde:"˜",Alpha:"",Beta:"",Gamma:"",Delta:"",Epsilon:"",Zeta:"",Eta:"",Theta:"",Iota:"",Kappa:"",Lambda:"",Mu:"",Nu:"",Xi:"",Omicron:"",Pi:"",Rho:"",Sigma:"",Tau:"",Upsilon:"",Phi:"",Chi:"",Psi:"",Omega:"",alpha:"",beta:"",gamma:"",delta:"",epsilon:"",zeta:"",eta:"",theta:"",iota:"",kappa:"",lambda:"",mu:"",nu:"",xi:"",omicron:"",pi:"",rho:"",sigma:"",tau:"",upsilon:"",phi:"",chi:"",psi:"",omega:"",thetasym:"",upsih:"",piv:"",ensp:"",emsp:"",thinsp:"",zwnj:"",zwj:"",lrm:"",rlm:"",ndash:"—",mdash:"—",lsquo:"‘",rsquo:"’",sbquo:"‚",ldquo:"“”,rdquo:"””,bdquo:"„",dagger:"†",Dagger:"‡",bull:"•",hellip:"…",permil:"‰",prime:"′",Prime:"″",lsaquo:"‹",rsaquo:"›",oline:"—",frasl:"⁄",euro:"€",image:"",weierp:"℥",real:"ℝ",trade:"™",alefsym:"ℵ",larr:"←",uarr:"↑",rarr:"→",darr:"↓",harr:"↔",crarr:"↵",lArr:"⇐",uArr:"⇑",rArr:"⇓",dArr:"⇓",hArr:"⇔",forall:"∀",part:"∂",exist:"∃",empty:"∅",nabla:"∇",isin:"∈",notin:"∉",ni:"∋",prod:"∏",sum:"∑",minus:"−",lowast:"∗",r

adic: "" ,prop: "" ,infin: "" ,ang: "" ,and: "" ,or: "" ,cap: "" ,cup: "" ,int: "" ,there4: "" ,sim: "" ,cong: "" ,asympt: "" ,ne: "" ,equiv: "" ,le: "" ,ge: "" ,sub: "" ,sup: "" ,nsup: "" ,sube: "" ,supe: "" ,oplus: "" ,otimes: "" ,perp: "" ,sdot: "" ,lceil: "" ,rceil: "" ,lfloor: "" ,rfloor: "" ,lang: "" ,rang: "" ,loz: "" ,spades: "" ,clubs: "" ,hearts: "" ,diams: "" },Z=/^\[da-fA-F]+\\$/ ,ee=/^\d+\\$/ ,te=g({ AttributeIsEmpty: "JSX attributes must only be assigned a non-empty expression." ,MissingClosingTagElement: "Expected corresponding JSX closing tag for <%0>." ,MissingClosingTagFragment: "Expected corresponding JSX closing tag for <>." ,UnexpectedSequenceExpression: "Sequence expressions cannot be directly nested inside JSX. Did you mean to wrap it in parentheses (...)?" ,UnsupportedJsxValue: "JSX value should be either an expression or a quoted JSX text." ,UnterminatedJsxContent: "Unterminated JSX contents." ,UnwrappedAdjacentJSXElements: "Adjacent JSX elements must be wrapped in an enclosing tag. Did you want a JSX fragment <>...</>?" ,y.SyntaxError);function re(e){return!!e&&("JSXOpeningFragment"===e.type||"JSXClosingFragment"===e.type)}function ne(e){if("JSXIdentifier"===e.type)return e.name;if("JSXNamespacedName"===e.type)return e.namespace.name+"."+e.name.name;if("JSXMemberExpression"===e.type)return ne(e.object)+"."+ne(e.property);throw new Error("Node had unexpected type: "+e.type)}x.j_oTag=new S("<tag",!1),x.j_cTag=new S("</tag",!1),x.j_expr=new S("<tag>...</tag>",!0,!0),o.jsxName=new n("jsxName"),o.jsxText=new n("jsxText",{beforeExpr:!0}),o.jsxTagStart=new n("jsxTagStart",{startsExpr:!0}),o.jsxTagEnd=new n("jsxTagEnd"),o.jsxTagStart.updateContext=function(){this.state.context.push(x.j_expr),this.state.context.push(x.j_oTag),this.state.exprAllowed=!1},o.jsxTagEnd.updateContext=function(e){const t=this.state.context.pop();t===x.j_oTag&&e===o.slash||t===x.j_cTag?(this.state.context.pop(),this.state.exprAllowed=this.curContext()===x.j_expr):this.state.exprAllowed=!0};class ie extends K{constructor(...e){super(...e),this.types=[],this.enums=[],this.constEnums=[],this.classes=[],this.exportOnlyBindings=[]}class se extends q{createScope(e){return new ie(e)}declareName(e,t,r){const n=this.currentScope();if(1024&t)return this.maybeExportDefined(n,e),void n.exportOnlyBindings.push(e);super.declareName(...arguments),2&t&&(1&t||(this.checkRedeclarationInScope(n,e,t,r),this.maybeExportDefined(n,e)),n.types.push(e),256&t&&n.enums.push(e),512&t&&n.constEnums.push(e),128&t&&n.classes.push(e))isRedeclaredInScope(e,t,r){if(e.enums.indexOf(t)>-1){if(256&r){return!!(512&r)!==e.constEnums.indexOf(t)>-1}return!0}return 128&r&&e.classes.indexOf(t)>-1?e.lexical.indexOf(t)>-1&&!!(1&r):!!(2&r&&e.types.indexOf(t)>-1)||super.isRedeclaredInScope(...arguments)}checkLocalExport(e){-1===this.scopeStack[0].types.indexOf(e.name)&&-1===this.scopeStack[0].exportOnlyBindings.indexOf(e.name)&&super.checkLocalExport(e)}class ae{constructor(){this.stacks=[]}enter(e){this.stacks.push(e)}exit(){this.stacks.pop()}currentFlags(){return this.stacks[this.stacks.length-1]}get hasAwait(){return(2&this.currentFlags())>0}get hasYield(){return(1&this.currentFlags())>0}get hasReturn(){return(4&this.currentFlags())>0}get hasIn(){return(8&this.currentFlags())>0}}function oe(e,t){return(e?2:0)|(t?1:0)}function le(e){if(null===e)throw new Error("Unexpected \${e} value.");return e}function ce(e){if(!e)throw new Error("Assert fail")}const pe=g({ AbstractMethodHasImplementation: "Method '%0' cannot have an implementation because it is marked abstract." ,AccesorCannotDeclareThisParameter: "get' and 'set' accessors cannot declare 'this' parameters." ,AccesorCannotHaveTypeParameters: "An accessor cannot have type parameters." ,ClassMethodHasDeclare: "Class methods cannot have the 'declare' modifier." ,ClassMethodHasReadOnly: "Class methods cannot have the 'readonly' modifier." ,ConstructorHasTypeParameters: "Type parameters cannot appear on a constructor declaration." ,DeclareAccessor: "'declare' is not allowed in %0ters." ,DeclareClassFieldHasInitializer: "Initializers are not allowed in ambient contexts." ,DeclareFunctionHasImplementation: "An implementation cannot be declared in ambient contexts." ,DuplicateAccessibilityModifier: "Accessibility modifier already seen." ,DuplicateModifier: "Duplicate modifier: '%0'." ,EmptyHeritageClauseType: "'%0' list cannot be empty." ,EmptyTypeArguments: "Type argument list cannot be empty." ,EmptyTypeParameters: "Type parameter list cannot be empty." ,ExpectedAmbientAfterExportDeclare: "'export declare' must be followed by an ambient

declaration.",ImportAliasHasImportType:"An import alias can not use 'import type'.",IncompatibleModifiers:"%0' modifier cannot be used with '%1' modifier.",IndexSignatureHasAbstract:"Index signatures cannot have the 'abstract' modifier.",IndexSignatureHasAccessibility:"Index signatures cannot have an accessibility modifier (%0).",IndexSignatureHasDeclare:"Index signatures cannot have the 'declare' modifier.",IndexSignatureHasOverride:"'override' modifier cannot appear on an index signature.",IndexSignatureHasStatic:"Index signatures cannot have the 'static' modifier.",InvalidModifierOnTypeMember:"%0' modifier cannot appear on a type member.",InvalidModifiersOrder:"%0' modifier must precede '%1' modifier.",InvalidTupleMemberLabel:"Tuple members must be labeled with a simple identifier.",MixedLabeledAndUnlabeledElements:"Tuple members must all have names or all not have names.",NonAbstractClassHasAbstractMethod:"Abstract methods can only appear within an abstract class.",NonClassMethodPropertyHasAbstractModifier:"'abstract' modifier can only appear on a class, method, or property declaration.",OptionalTypeBeforeRequired:"A required element cannot follow an optional element.",OverrideNotInSubClass:"This member cannot have an 'override' modifier because its containing class does not extend another class.",PatternIsOptional:"A binding pattern parameter cannot be optional in an implementation signature.",PrivateElementHasAbstract:"Private elements cannot have the 'abstract' modifier.",PrivateElementHasAccessibility:"Private elements cannot have an accessibility modifier (%0).",ReadOnlyForMethodSignature:"'readonly' modifier can only appear on a property declaration or index signature.",SetAccesorCannotHaveOptionalParameter:"A 'set' accessor cannot have an optional parameter.",SetAccesorCannotHaveRestParameter:"A 'set' accessor cannot have rest parameter.",SetAccesorCannotHaveReturnType:"A 'set' accessor cannot have a return type annotation.",StaticBlockCannotHaveModifier:"Static class blocks cannot have any modifier.",TypeAnnotationAfterAssign:"Type annotations must come before default assignments, e.g. instead of `age = 25: number` use `age: number = 25`.",TypeImportCannotSpecifyDefaultAndNamed:"A type-only import can specify a default import or named bindings, but not both.",UnexpectedParameterModifier:"A parameter property is only allowed in a constructor implementation.",UnexpectedReadOnly:"'readonly' type modifier is only permitted on array and tuple literal types.",UnexpectedTypeAnnotation:"Did not expect a type annotation here.",UnexpectedTypeCastInParameter:"Unexpected type cast in parameter position.",UnsupportedImportTypeArgument:"Argument in a type import must be a string literal.",UnsupportedParameterPropertyKind:"A parameter property may not be declared using a binding pattern.",UnsupportedSignatureParameterKind:"Name in a signature must be an Identifier, ObjectPattern or ArrayPattern, instead got %0.",y.SyntaxError);function ue(e){return"private"===e||"public"===e||"protected"===e}o.placeholder=new n("%%",{startsExpr:!0});const de=g({ClassNameIsRequired:"A class name is required."},y.SyntaxError);function he(e,t){return e.some(e=>Array.isArray(e)?e[0]===t:e===t)}function fe(e,t,r){const n=e.find(e=>Array.isArray(e)?e[0]===t:e===t);return n&&Array.isArray(n)?n[1][r]:null}const me=["minimal","smart","fsharp"],ye=["hash","bar"];const Te={estree:e=>class extends e{estreeParseRegExpLiteral({pattern:e,flags:t}){let r=null;try{r=new RegExp(e,t)}catch(e){}const n=this.estreeParseLiteral(r);return n.regex={pattern:e,flags:t},n}estreeParseBigIntLiteral(e){let t;try{t=BigInt(e)}catch(e){t=null}const r=this.estreeParseLiteral(t);return r.bigint=String(r.value|e),r}estreeParseDecimalLiteral(e){const t=this.estreeParseLiteral(null);return t.decimal=String(t.value|e),t}estreeParseLiteral(e){return this.parseLiteral(e,"Literal")}directiveToStmt(e){const t=e.value,r=this.startNodeAt(e.start,e.loc.start),n=this.startNodeAt(t.start,t.loc.start);return n.value=t.extra.expressionValue,n.raw=t.extra.raw,r.expression=this.finishNodeAt(n,"Literal",t.end,t.loc.end),r.directive=t.extra.raw.slice(1,-1),this.finishNodeAt(t,"ExpressionStatement",e.end,e.loc.end)}initFunction(e,t){super.initFunction(e,t),e.expression=!1}checkDeclaration(e){null!=e&&this.isObjectProperty(e)?this.checkDeclaration(e.value):super.checkDeclaration(e)}getObjectOrClassMethodParams(e){return e.value.params}isValidDirective(e){var t;return"ExpressionStatement"===e.type&&"Literal"===e.expression.type&&"string"===typeof

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e.expression.value&&!(null!=(t=e.expression.extra)&&t.parenthesized)}stmtToDirective(e){const
t=super.stmtToDirective(e),r=e.expression.value;return
this.addExtra(t.value,"expressionValue",r,t)parseBlockBody(e,...t){super.parseBlockBody(e,...t);const
r=e.directives.map(e=>this.directiveToStmt(e));e.body=r.concat(e.body),delete
e.directives}pushClassMethod(e,t,r,n,i,s){this.parseMethod(t,r,n,i,s,"ClassMethod",!0),t.typeParameters&&(t.value.t
ypeParameters=t.typeParameters,delete
t.typeParameters),e.body.push(t)}parseExprAtom(e){switch(this.state.type){case o.num:case o.string:return
this.estreeParseLiteral(this.state.value);case o.regexp:return this.estreeParseRegExpLiteral(this.state.value);case
o.bigint:return this.estreeParseBigIntLiteral(this.state.value);case o.decimal:return
this.estreeParseDecimalLiteral(this.state.value);case o._null:return this.estreeParseLiteral(null);case o._true:return
this.estreeParseLiteral(!0);case o._false:return this.estreeParseLiteral(!1);default:return
super.parseExprAtom(e)}parseMaybePrivateName(...e){const
t=super.parseMaybePrivateName(...e);return"PrivateName"===t.type&&this.getPluginOption("estree","classFeatur
es")?this.convertPrivateNameToPrivateIdentifier(t):t}convertPrivateNameToPrivateIdentifier(e){const
t=super.getPrivateNameSV(e);return delete(e=e).id,e.name=t,e.type="PrivateIdentifier",e}isPrivateName(e){return
this.getPluginOption("estree","classFeatures")?"PrivateIdentifier"===e.type:super.isPrivateName(e)}getPrivateNam
eSV(e){return
this.getPluginOption("estree","classFeatures")?e.name:super.getPrivateNameSV(e)}parseLiteral(e,t,r,n){const
i=super.parseLiteral(e,t,r,n);return i.raw=i.extra.raw,delete
i.extra,i}parseFunctionBody(e,t,r=!1){super.parseFunctionBody(e,t,r),e.expression="BlockStatement"!==e.body.typ
e}parseMethod(e,t,r,n,i,s,a=!1){let o=this.startNode();return
o.kind=e.kind,o=super.parseMethod(o,t,r,n,i,s,a),o.type="FunctionExpression",delete
o.kind,e.value=o,"ClassPrivateMethod"===s&&(e.computed=!1),s="MethodDefinition",this.finishNode(e,s)}parse
ClassProperty(...e){const t=super.parseClassProperty(...e);return
this.getPluginOption("estree","classFeatures")&&(t.type="PropertyDefinition"),t}parseClassPrivateProperty(...e){co
nst t=super.parseClassPrivateProperty(...e);return
this.getPluginOption("estree","classFeatures")&&(t.type="PropertyDefinition",t.computed=!1),t}parseObjectMetho
d(e,t,r,n,i){const s=super.parseObjectMethod(e,t,r,n,i);return
s&&(s.type="Property","method"===s.kind&&(s.kind="init"),s.shorthand=!1),s}parseObjectProperty(e,t,r,n,i){cons
t s=super.parseObjectProperty(e,t,r,n,i);return s&&(s.kind="init",s.type="Property"),s}toAssignable(e,t=!1){return
null!=e&&this.isObjectProperty(e)?(this.toAssignable(e.value,t),e):super.toAssignable(e,t)}toAssignableObjectExpr
essionProp(e,...t){"get"===e.kind||"set"===e.kind?this.raise(e.key.start,T.PatternHasAccessor):e.method?this.raise(e
.key.start,T.PatternHasMethod):super.toAssignableObjectExpressionProp(e,...t)}finishCallExpression(e,t){if(super.f
inishCallExpression(e,t),"Import"===e.callee.type){var
r;if(e.type="ImportExpression",e.source=e.arguments[0],this.hasPlugin("importAssertions"))e.attributes=null!=(r=e
.arguments[1])?r:null;delete e.arguments,delete e.callee}return
e}toReferencedArguments(e){"ImportExpression"!==e.type&&super.toReferencedArguments(e)}parseExport(e){s
witch(super.parseExport(e),e.type){case"ExportAllDeclaration":e.exported=null;break;case"ExportNamedDeclarati
on":1===e.specifiers.length&&"ExportNamespaceSpecifier"===e.specifiers[0].type&&(e.type="ExportAllDeclarati
on",e.exported=e.specifiers[0].exported,delete e.specifiers)}return e}parseSubscript(e,t,r,n,i){const
s=super.parseSubscript(e,t,r,n,i);if(i.optionalChainMember){if("OptionalMemberExpression"!==s.type&&"Optional
CallExpression"!==s.type||s.type=s.type.substring(8),i.stop){const e=this.startNodeAtNode(s);return
e.expression=s,this.finishNode(e,"ChainExpression")}else"MemberExpression"!==s.type&&"CallExpression"!==s
.type||s.optional=!1);return
s}hasPropertyAsPrivateName(e){return"ChainExpression"===e.type&&(e=e.expression),super.hasPropertyAsPriva
teName(e)}isOptionalChain(e){return"ChainExpression"===e.type}isObjectProperty(e){return"Property"===e.type
&&"init"===e.kind&&!e.method}isObjectMethod(e){return
e.method||"get"===e.kind||"set"===e.kind}}jsx:e=>class extends e{jsxReadToken(){let

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e="" ,t=this.state.pos;for(;;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,te.UnterminatedJsxCContent);const r=this.input.charCodeAtAt(this.state.pos);switch(r){case
60:case 123:return
this.state.pos===this.state.start?60===r&&this.state.exprAllowed?(++this.state.pos,this.finishToken(o.jsxTagStart))
:super.getTokenFromCode(r):(e+=this.input.slice(t,this.state.pos),this.finishToken(o.jsxText,e));case
38:e+=this.input.slice(t,this.state.pos),e+=this.jsxReadEntity(),t=this.state.pos;break;case 62:case
125:default:p(r)?(e+=this.input.slice(t,this.state.pos),e+=this.jsxReadNewLine(!0),t=this.state.pos):++this.state.pos }
}jsxReadNewLine(e){const t=this.input.charCodeAtAt(this.state.pos);let
r;return++this.state.pos,13===t&&10===this.input.charCodeAtAt(this.state.pos)?(++this.state.pos,r=e?"\n":"\r\n"):r=S
tring.fromCharCode(t),++this.state.curLine,this.state.lineStart=this.state.pos,r}jsxReadString(e){let
t="",r=++this.state.pos;for(;;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,T.UnterminatedString);const
n=this.input.charCodeAtAt(this.state.pos);if(n===e)break;38===n?(t+=this.input.slice(r,this.state.pos),t+=this.jsxRead
Entity(),r=this.state.pos):p(n)?(t+=this.input.slice(r,this.state.pos),t+=this.jsxReadNewLine(!1),r=this.state.pos):++th
is.state.pos }return t+=this.input.slice(r,this.state.pos++),this.finishToken(o.string,t)}jsxReadEntity(){let
e,t="",r=0,n=this.input[this.state.pos];const
i=++this.state.pos;for(;this.state.pos<this.length&&r++<10;){if(n=this.input[this.state.pos++],;"===n){="#"===t[0]?
"x"===t[1]?(t=t.substr(2),Z.test(t)&&(e=String.fromCharCode(parseInt(t,16)))):(t=t.substr(1),ee.test(t)&&(e=String
.fromCharCode(parseInt(t,10)))):e=Q[t];break }t+=n }return e||(this.state.pos=i,"&")}jsxReadWord(){let e;const
t=this.state.pos;do{e=this.input.charCodeAtAt(++this.state.pos)}while(N(e)||45===e);return
this.finishToken(o.jsxName,this.input.slice(t,this.state.pos))}jsxParseIdentifier(){const e=this.startNode();return
this.match(o.jsxName)?e.name=this.state.value:this.state.type.keyword?e.name=this.state.type.keyword:this.unexpe
cted(),this.next(),this.finishNode(e,"JSXIdentifier")}jsxParseNamespacedName(){const
e=this.state.start,t=this.state.startLoc,r=this.jsxParseIdentifier();if(!this.eat(o.colon))return r;const
n=this.startNodeAt(e,t);return
n.namespace=r,n.name=this.jsxParseIdentifier(),this.finishNode(n,"JSXNamespacedName")}jsxParseElementName
(){const e=this.state.start,t=this.state.startLoc;let
r=this.jsxParseNamespacedName();if("JSXNamespacedName"===r.type)return r;for(;this.eat(o.dot);){const
n=this.startNodeAt(e,t);n.object=r,n.property=this.jsxParseIdentifier(),r=this.finishNode(n,"JSXMemberExpression"
)}return r}jsxParseAttributeValue(){let e;switch(this.state.type){case o.braceL:return
e=this.startNode(),this.next(),e=this.jsxParseExpressionContainer(e),"JSXEmptyExpression"===e.expression.type&
&this.raise(e.start,te.AttributeIsEmpty),e;case o.jsxTagStart:case o.string:return this.parseExprAtom();default:throw
this.raise(this.state.start,te.UnsupportedJsxValue)} }jsxParseEmptyExpression(){const
e=this.startNodeAt(this.state.lastTokEnd,this.state.lastTokEndLoc);return
this.finishNodeAt(e,"JSXEmptyExpression",this.state.start,this.state.startLoc)}jsxParseSpreadChild(e){return
this.next(),e.expression=this.parseExpression(),this.expect(o.braceR),this.finishNode(e,"JSXSpreadChild")}jsxParse
ExpressionContainer(e){if(this.match(o.braceR))e.expression=this.jsxParseEmptyExpression();else{const
t=this.parseExpression();e.expression=t}return
this.expect(o.braceR),this.finishNode(e,"JSXExpressionContainer")}jsxParseAttribute(){const
e=this.startNode();return
this.eat(o.braceL)?(this.expect(o.ellipsis),e.argument=this.parseMaybeAssignAllowIn(),this.expect(o.braceR),this.fi
nishNode(e,"JSXSpreadAttribute")):(e.name=this.jsxParseNamespacedName(),e.value=this.eat(o.eq)?this.jsxParseA
ttributeValue():null,this.finishNode(e,"JSXAttribute"))}jsxParseOpeningElementAt(e,t){const
r=this.startNodeAt(e,t);return
this.match(o.jsxTagEnd)?(this.expect(o.jsxTagEnd),this.finishNode(r,"JSXOpeningFragment")):(r.name=this.jsxPar
seElementName(),this.jsxParseOpeningElementAfterName(r))}jsxParseOpeningElementAfterName(e){const
t=[];for(;!this.match(o.slash)&&!this.match(o.jsxTagEnd);)t.push(this.jsxParseAttribute());return
e.attributes=t,e.selfClosing=this.eat(o.slash),this.expect(o.jsxTagEnd),this.finishNode(e,"JSXOpeningElement")}jsx

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ParseClosingElementAt(e,t){const r=this.startNodeAt(e,t);return
this.match(o.jsxTagEnd)?(this.expect(o.jsxTagEnd),this.finishNode(r,"JSXClosingFragment")):(r.name=this.jsxParseElementName(),this.expect(o.jsxTagEnd),this.finishNode(r,"JSXClosingElement"))}jsxParseElementAt(e,t){const
r=this.startNodeAt(e,t),n=[],i=this.jsxParseOpeningElementAt(e,t);let
s=null;if(!i.selfClosing){e:for(;;)switch(this.state.type){case
o.jsxTagStart:if(e=this.state.start,t=this.state.startLoc,this.next(),this.eat(o.slash)){s=this.jsxParseClosingElementAt(
e,t);break e}n.push(this.jsxParseElementAt(e,t));break;case o.jsxText:n.push(this.parseExprAtom());break;case
o.braceL:{const
e=this.startNode();this.next(),this.match(o.ellipsis)?n.push(this.jsxParseSpreadChild(e)):n.push(this.jsxParseExpressionContainer(e));break}default:throw
this.unexpected()}re(i)&&!re(s)?this.raise(s.start,te.MissingClosingTagFragment):!re(i)&&re(s)?this.raise(s.start,te.MissingClosingTagElement,ne(i.name)):re(i)||re(s)||ne(s.name)!==ne(i.name)&&this.raise(s.start,te.MissingClosingTagElement,ne(i.name))}if(re(i)?(r.openingFragment=i,r.closingFragment=s):(r.openingElement=i,r.closingElement=s),r.children=n,this.isRelational("<"))throw this.raise(this.state.start,te.UnwrappedAdjacentJSXElements);return
re(i)?this.finishNode(r,"JSXFragment"):this.finishNode(r,"JSXElement")}jsxParseElement(){const
e=this.state.start,t=this.state.startLoc;return this.next(),this.jsxParseElementAt(e,t)}parseExprAtom(e){return
this.match(o.jsxText)?this.parseLiteral(this.state.value,"JSXText"):this.match(o.jsxTagStart)?this.jsxParseElement():this.isRelational("<")&&33!==(this.input.charCodeAtAt(this.state.pos)?(this.finishToken(o.jsxTagStart),this.jsxParseElement()):super.parseExprAtom(e)}getTokenFromCode(e){if(this.state.inPropertyName)return
super.getTokenFromCode(e);const t=this.curContext();if(t===x.j_expr)return
this.jsxReadToken();if(t===x.j_oTag||t===x.j_cTag){if(C(e))return
this.jsxReadWord();if(62===e)return++this.state.pos,this.finishToken(o.jsxTagEnd);if((34===e||39===e)&&t===x.j_oTag)return this.jsxReadString(e)}return
60===e&&this.state.exprAllowed&&33!==(this.input.charCodeAtAt(this.state.pos+1)?(++this.state.pos,this.finishToken(o.jsxTagStart)):super.getTokenFromCode(e)}updateContext(e){if(this.match(o.braceL)){const
t=this.curContext();t===x.j_oTag?this.state.context.push(x.braceExpression):t===x.j_expr?this.state.context.push(x.templateQuasi):super.updateContext(e),this.state.exprAllowed=!0}else{if(!this.match(o.slash)||e!==o.jsxTagStart)return
super.updateContext(e);this.state.context.length-
=2,this.state.context.push(x.j_cTag),this.state.exprAllowed=!1}}},flow:e=>class extends
e{constructor(...e){super(...e),this.flowPragma=void 0}getScopeHandler(){return W}shouldParseTypes(){return
this.getPluginOption("flow","all")||"flow"===this.flowPragma}shouldParseEnums(){return!!this.getPluginOption("flow","enums")}finishToken(e,t){return e!==(o.string&&e!==(o.semi&&e!==(o.interpreterDirective&&void
0===this.flowPragma&&(this.flowPragma=null),super.finishToken(e,t)}addComment(e){if(void
0===this.flowPragma){const
t=$.exec(e.value);if(t)if("flow"===t[1])this.flowPragma="flow";else{if("noflow"!==t[1])throw new
Error("Unexpected flow pragma");this.flowPragma="noflow"}else;}return
super.addComment(e)}flowParseTypeInitialiser(e){const
t=this.state.inType;this.state.inType=!0,this.expect(e||o.colon);const r=this.flowParseType();return
this.state.inType=t,r}flowParsePredicate(){const e=this.startNode(),t=this.state.start;return
this.next(),this.expectContextual("checks"),this.state.lastTokStart>t+1&&this.raise(t,J.UnexpectedSpaceBetweenModuloChecks),this.eat(o.parenL)?(e.value=this.parseExpression(),this.expect(o.parenR),this.finishNode(e,"DeclaredPredicate")):this.finishNode(e,"InferredPredicate")}flowParseTypeAndPredicateInitialiser(){const
e=this.state.inType;this.state.inType=!0,this.expect(o.colon);let t=null,r=null;return
this.match(o.modulo)?(this.state.inType=e,r=this.flowParsePredicate()):t=this.flowParseType(),this.state.inType=e,
this.match(o.modulo)&&(r=this.flowParsePredicate()),[t,r]}flowParseDeclareClass(e){return
this.next(),this.flowParseInterfaceish(e,!0),this.finishNode(e,"DeclareClass")}flowParseDeclareFunction(e){this.next();const
t=e.id=this.parseIdentifier(),r=this.startNode(),n=this.startNode();this.isRelational("<")?r.typeParameters=this.flowP

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arseTypeParameterDeclaration():r.typeParameters=null,this.expect(o.parenL);const
i=this.flowParseFunctionTypeParams();return
r.params=i.params,r.rest=i.rest,r.this=i._this,this.expect(o.parenR),[r.returnType,e.predicate]=this.flowParseTypeAn
dPredicateInitialiser(),n.typeAnnotation=this.finishNode(r,"FunctionTypeAnnotation"),t.typeAnnotation=this.finish
Node(n,"TypeAnnotation"),this.resetEndLocation(t),this.semicolon(),this.scope.declareName(e.id.name,2048,e.id.st
art),this.finishNode(e,"DeclareFunction")}flowParseDeclare(e,t){if(this.match(o._class))return
this.flowParseDeclareClass(e);if(this.match(o._function))return
this.flowParseDeclareFunction(e);if(this.match(o._var))return
this.flowParseDeclareVariable(e);if(this.eatContextual("module"))return
this.match(o.dot)?this.flowParseDeclareModuleExports(e):(t&&this.raise(this.state.lastTokStart,J.NestedDeclareMo
dule),this.flowParseDeclareModule(e));if(this.isContextual("type"))return
this.flowParseDeclareTypeAlias(e);if(this.isContextual("opaque"))return
this.flowParseDeclareOpaqueType(e);if(this.isContextual("interface"))return
this.flowParseDeclareInterface(e);if(this.match(o._export))return this.flowParseDeclareExportDeclaration(e,t);throw
this.unexpected()}flowParseDeclareVariable(e){return
this.next(),e.id=this.flowParseTypeAnnotatableIdentifier(!0),this.scope.declareName(e.id.name,5,e.id.start),this.sem
icolon(),this.finishNode(e,"DeclareVariable")}flowParseDeclareModule(e){this.scope.enter(0),this.match(o.string)?
e.id=this.parseExprAtom():e.id=this.parseIdentifier();const
t=e.body=this.startNode(),r=t.body=[];for(this.expect(o.braceL);!this.match(o.braceR);){let
e=this.startNode();this.match(o._import)?(this.next(),this.isContextual("type")||this.match(o._typeof)||this.raise(this.s
tate.lastTokStart,J.InvalidNonTypeImportInDeclareModule),this.parseImport(e):(this.expectContextual("declare",J.
UnsupportedStatementInDeclareModule),e=this.flowParseDeclare(e,!0)),r.push(e)}this.scope.exit(),this.expect(o.bra
ceR),this.finishNode(t,"BlockStatement");let n=null,i=!1;return
r.forEach(e=>{!function(e){return"DeclareExportAllDeclaration"===e.type||"DeclareExportDeclaration"===e.type
&&(!e.declaration||"TypeAlias"!==e.declaration.type&&"InterfaceDeclaration"!==e.declaration.type)}(e)?"Declare
ModuleExports"===e.type&&(i&&this.raise(e.start,J.DuplicateDeclareModuleExports),"ES"===n&&this.raise(e.st
art,J.AmbiguousDeclareModuleKind),n="CommonJS",i=!0):("CommonJS"===n&&this.raise(e.start,J.AmbiguousD
eclareModuleKind),n="ES")),e.kind=n||"CommonJS",this.finishNode(e,"DeclareModule")}flowParseDeclareExpor
tDeclaration(e,t){if(this.expect(o._export),this.eat(o._default))return
this.match(o._function)||this.match(o._class)?e.declaration=this.flowParseDeclare(this.startNode()):e.declaration=th
is.flowParseType(),this.semicolon(),e.default=!0,this.finishNode(e,"DeclareExportDeclaration");if(this.match(o._co
nst)||this.isLet()||this.isContextual("type")||this.isContextual("interface"))&&!t){const
e=this.state.value,t=z[e];throw
this.raise(this.state.start,J.UnsupportedDeclareExportKind,e,t)}if(this.match(o._var)||this.match(o._function)||this.ma
tch(o._class)||this.isContextual("opaque"))return
e.declaration=this.flowParseDeclare(this.startNode()),e.default=!1,this.finishNode(e,"DeclareExportDeclaration");if
(this.match(o.star)||this.match(o.braceL)||this.isContextual("interface")||this.isContextual("type")||this.isContextual("
opaque"))return"ExportNamedDeclaration"===(e=this.parseExport(e)).type&&(e.type="ExportDeclaration",e.defau
lt=!1,delete e.exportKind),e.type="Declare"+e.type,e;throw
this.unexpected()}flowParseDeclareModuleExports(e){return
this.next(),this.expectContextual("exports"),e.typeAnnotation=this.flowParseTypeAnnotation(),this.semicolon(),this.
finishNode(e,"DeclareModuleExports")}flowParseDeclareTypeAlias(e){return
this.next(),this.flowParseTypeAlias(e),e.type="DeclareTypeAlias",e}flowParseDeclareOpaqueType(e){return
this.next(),this.flowParseOpaqueType(e,!0),e.type="DeclareOpaqueType",e}flowParseDeclareInterface(e){return
this.next(),this.flowParseInterfaceish(e),this.finishNode(e,"DeclareInterface")}flowParseInterfaceish(e,t=!1){if(e.id=
this.flowParseRestrictedIdentifier(!t,!0),this.scope.declareName(e.id.name,t?17:9,e.id.start),this.isRelational("<")?e.t
ypeParameters=this.flowParseTypeParameterDeclaration():e.typeParameters=null,e.extends=[],e.implements=[],e.m
ixins=[],this.eat(o._extends))do{e.extends.push(this.flowParseInterfaceExtends())}while(!t&&this.eat(o.comma));if(

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this.isContextual("mixins")){this.next();do{e.mixins.push(this.flowParseInterfaceExtends())}while(this.eat(o.comma))}if(this.isContextual("implements")){this.next();do{e.implements.push(this.flowParseInterfaceExtends())}while(this.eat(o.comma))}e.body=this.flowParseObjectType({allowStatic:!t,allowExact:!1,allowSpread:!1,allowProto:t,allowInexact:!1})}flowParseInterfaceExtends(){const e=this.startNode();return
e.id=this.flowParseQualifiedTypeIdentifier(),this.isRelational("<")?e.typeParameters=this.flowParseTypeParameterInstantiation():e.typeParameters=null,this.finishNode(e,"InterfaceExtends")}flowParseInterface(e){return
this.flowParseInterfaceish(e),this.finishNode(e,"InterfaceDeclaration")}checkNotUnderscore(e){_"===e&&this.raise(this.state.start,J.UnexpectedReservedUnderscore)}checkReservedType(e,t,r){X.has(e)&&this.raise(t,r?J.AssignReservedType:J.UnexpectedReservedType,e)}flowParseRestrictedIdentifier(e,t){return
this.checkReservedType(this.state.value,this.state.start,t),this.parseIdentifier(e)}flowParseTypeAlias(e){return
e.id=this.flowParseRestrictedIdentifier(!1,!0),this.scope.declareName(e.id.name,9,e.id.start),this.isRelational("<")?e.typeParameters=this.flowParseTypeParameterDeclaration():e.typeParameters=null,e.right=this.flowParseTypeInitialiser(o.eq),this.semicolon(),this.finishNode(e,"TypeAlias")}flowParseOpaqueType(e,t){return
this.expectContextual("type"),e.id=this.flowParseRestrictedIdentifier(!0,!0),this.scope.declareName(e.id.name,9,e.id.start),this.isRelational("<")?e.typeParameters=this.flowParseTypeParameterDeclaration():e.typeParameters=null,e.supertype=null,this.match(o.colon)&&(e.supertype=this.flowParseTypeInitialiser(o.colon)),e.impltype=null,t|(e.impltype=this.flowParseTypeInitialiser(o.eq)),this.semicolon(),this.finishNode(e,"OpaqueType")}flowParseTypeParameter(e=!1){const
t=this.state.start,r=this.startNode(),n=this.flowParseVariance(),i=this.flowParseTypeAnnotatableIdentifier();return
r.name=i.name,r.variance=n,r.bound=i.typeAnnotation,this.match(o.eq)?(this.eat(o.eq),r.default=this.flowParseType()):e&&this.raise(t,J.MissingTypeParamDefault),this.finishNode(r,"TypeParameter")}flowParseTypeParameterDeclaration(){const
e=this.state.inType,t=this.startNode();t.params=[],this.state.inType=!0,this.isRelational("<")||this.match(o.jsxTagStart)?this.next():this.unexpected();let r=!1;do{const
e=this.flowParseTypeParameter(r);t.params.push(e),e.default&&(r=!0),this.isRelational(">")||this.expect(o.comma)}while(!this.isRelational(">"));return
this.expectRelational(">"),this.state.inType=e,this.finishNode(t,"TypeParameterDeclaration")}flowParseTypeParameterInstantiation(){const
e=this.startNode(),t=this.state.inType;e.params=[],this.state.inType=!0,this.expectRelational("<");const
r=this.state.noAnonFunctionType;for(this.state.noAnonFunctionType=!1;!this.isRelational(">");)e.params.push(this.flowParseType()),this.isRelational(">")||this.expect(o.comma);return
this.state.noAnonFunctionType=r,this.expectRelational(">"),this.state.inType=t,this.finishNode(e,"TypeParameterInstantiation")}flowParseTypeParameterInstantiationCallOrNew(){const
e=this.startNode(),t=this.state.inType;for(e.params=[],this.state.inType=!0,this.expectRelational("<");!this.isRelational(">");)e.params.push(this.flowParseTypeOrImplicitInstantiation()),this.isRelational(">")||this.expect(o.comma);return
this.expectRelational(">"),this.state.inType=t,this.finishNode(e,"TypeParameterInstantiation")}flowParseInterfaceType(){const
e=this.startNode();if(this.expectContextual("interface"),e.extends=[],this.eat(o._extends))do{e.extends.push(this.flowParseInterfaceExtends())}while(this.eat(o.comma));return
e.body=this.flowParseObjectType({allowStatic:!1,allowExact:!1,allowSpread:!1,allowProto:!1,allowInexact:!1}),this.finishNode(e,"InterfaceTypeAnnotation")}flowParseObjectPropertyKey(){return
this.match(o.num)||this.match(o.string)?this.parseExprAtom():this.parseIdentifier(!0)}flowParseObjectTypeIndexer(e,t,r){return
e.static=t,this.lookahead().type===o.colon?(e.id=this.flowParseObjectPropertyKey(),e.key=this.flowParseTypeInitialiser()):e.id=null,e.key=this.flowParseType(),this.expect(o.bracketR),e.value=this.flowParseTypeInitialiser(),e.variance=r,this.finishNode(e,"ObjectTypeIndexer")}flowParseObjectTypeInternalSlot(e,t){return
e.static=t,e.id=this.flowParseObjectPropertyKey(),this.expect(o.bracketR),this.expect(o.bracketR),this.isRelational("

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<"||this.match(o.parenL)?(e.method=!0,e.optional=!1,e.value=this.flowParseObjectTypeMethodish(this.startNodeAt(e.start,e.loc.start)):(e.method=!1,this.eat(o.question)&&(e.optional=!0),e.value=this.flowParseTypeInitialiser()),this.finishNode(e,"ObjectTypeInternalSlot"))}flowParseObjectTypeMethodish(e){for(e.params=[],e.rest=null,e.typeParameters=null,e.this=null,this.isRelational("<")&&(e.typeParameters=this.flowParseTypeParameterDeclaration()),this.is.expect(o.parenL),this.match(o._this)&&(e.this=this.flowParseFunctionTypeParam(!0),e.this.name=null,this.match(o.parenR)||this.is.expect(o.comma));!this.match(o.parenR)&&!this.match(o.ellipsis);)e.params.push(this.flowParseFunctionTypeParam(!1)),this.match(o.parenR)||this.is.expect(o.comma);return this.eat(o.ellipsis)&&(e.rest=this.flowParseFunctionTypeParam(!1)),this.is.expect(o.parenR),e.returnType=this.flowParseTypeInitialiser(),this.finishNode(e,"FunctionTypeAnnotation")}flowParseObjectTypeCallProperty(e,t){const r=this.startNode();return e.static=t,e.value=this.flowParseObjectTypeMethodish(r),this.finishNode(e,"ObjectTypeCallProperty")}flowParseObjectType({allowStatic:e,allowExact:t,allowSpread:r,allowProto:n,allowInexact:i}){const s=this.state.inType;this.state.inType=!0;const a=this.startNode();let l,c;a.callProperties=[],a.properties=[],a.indexers=[],a.internalSlots=[];let p=!1;for(t&&this.match(o.braceBarL)?(this.is.expect(o.braceBarL),l=o.braceBarR,c=!0):(this.is.expect(o.braceL),l=o.braceR,c=!1),a.exact=c;!this.match(l);){let t=!1,s=null,l=null;const u=this.startNode();if(n&&this.isContextual("proto")){const t=this.lookahead();t.type!==o.colon&&t.type!==o.question&&(this.next(),s=this.state.start,e=!1)}if(e&&this.isContextual("static")){const e=this.lookahead();e.type!==o.colon&&e.type!==o.question&&(this.next(),t=!0)}const d=this.flowParseVariance();if(this.eat(o.bracketL))null!=s&&this.is.unexpected(s),this.eat(o.bracketL)?(d&&this.is.unexpected(d.start),a.internalSlots.push(this.flowParseObjectTypeInternalSlot(u,t)):a.indexers.push(this.flowParseObjectTypeIndexer(u,t,d));else if(this.match(o.parenL)||this.isRelational("<"))null!=s&&this.is.unexpected(s),d&&this.is.unexpected(d.start),a.callProperties.push(this.flowParseObjectTypeCallProperty(u,t));else{let e="init";if(this.isContextual("get")||this.isContextual("set")){const t=this.lookahead();t.type===o.name&&t.type===o.string&&t.type===o.num||(e=this.state.value,this.next())}const n=this.flowParseObjectTypeProperty(u,t,s,d,e,r,null!=i?!i?:!c);null===n?(p=!0,l=this.state.lastTokStart):a.properties.push(n)}this.flowObjectTypeSemicolon(),!l||this.match(o.braceR)||this.match(o.braceBarR)||this.raise(l,J.UnexpectedExplicitInexactInObject)}this.is.expect(l),r&&(a.inexact=p);const u=this.finishNode(a,"ObjectTypeAnnotation");return this.state.inType=s,u}flowParseObjectTypeProperty(e,t,r,n,i,s,a){if(this.eat(o.ellipsis)){return this.match(o.comma)||this.match(o.semi)||this.match(o.braceR)||this.match(o.braceBarR)?(s?a||this.raise(this.state.lastTokStart,J.InexactInsideExact):this.raise(this.state.lastTokStart,J.InexactInsideNonObject),n&&this.raise(n.start,J.InexactVariance),null):(s||this.raise(this.state.lastTokStart,J.UnexpectedSpreadType),null!=r&&this.is.unexpected(r),n&&this.raise(n.start,J.SpreadVariance),e.argument=this.flowParseType(),this.finishNode(e,"ObjectTypeSpreadProperty"))}{e.key=this.flowParseObjectPropertyKey(),e.static=t,e.proto=null!=r,e.kind=i;let a=!1;return this.isRelational("<")||this.match(o.parenL)?(e.method=!0,null!=r&&this.is.unexpected(r),n&&this.is.unexpected(n.start),e.value=this.flowParseObjectTypeMethodish(this.startNodeAt(e.start,e.loc.start)),"get"!==i&&"set"!==i||this.flowCheckGetterSetterParams(e,!s&&"constructor"===e.key.name&&e.value.this&&this.raise(e.value.this.start,J.ThisParamBannedInConstructor)):"init"!==i&&this.is.unexpected(),e.method=!1,this.eat(o.question)&&(a=!0),e.value=this.flowParseTypeInitialiser(),e.variance=n),e.optional=a,this.finishNode(e,"ObjectTypeProperty")}flowCheckGetterSetterParams(e){const t="get"===e.kind?0:1,r=e.start,n=e.value.params.length+(e.value.rest?1:0);e.value.this&&this.raise(e.value.this.start,"get"===e.kind?J.GetterMayNotHaveThisParam:J.SetterMayNotHaveThisParam),n!=t&&("get"===e.kind?this.raise(r,T.BadGetterArity):this.raise(r,T.BadSetterArity)),"set"===e.kind&&e.value.rest&&this.raise(r,T.BadSetterRestParameter)}flowObjectTypeSemicolon(){this.eat(o.semi)||this.eat(o.comma)||this.match(o.braceR)||this.match(o.braceBarR)||this.is.unexpected()}flowParseQualifiedTypeIdentifier(e,t,r){e=e||this.state.start,t=t||this.state.startLoc;let n=r||this.flowParseRestrictedIdentifier(!0);for(;this.eat(o.dot);){const

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r=this.startNodeAt(e,t);r.qualification=n,r.id=this.flowParseRestrictedIdentifier(!0),n=this.finishNode(r,"QualifiedTypeIdentifier")}return n}flowParseGenericType(e,t,r){const n=this.startNodeAt(e,t);return
n.typeParameters=null,n.id=this.flowParseQualifiedTypeIdentifier(e,t,r),this.isRelational("<")&&(n.typeParameters
=this.flowParseTypeParameterInstantiation()),this.finishNode(n,"GenericTypeAnnotation")}flowParseTypeofType()
{const e=this.startNode();return
this.expect(o._typeof),e.argument=this.flowParsePrimaryType(),this.finishNode(e,"TypeofTypeAnnotation")}flowP
arseTupleType(){const
e=this.startNode();for(e.types=[],this.expect(o.bracketL);this.state.pos<this.length&&!this.match(o.bracketR)&&(e.t
ypes.push(this.flowParseType()),!this.match(o.bracketR));)this.expect(o.comma);return
this.expect(o.bracketR),this.finishNode(e,"TupleTypeAnnotation")}flowParseFunctionTypeParam(e){let
t=null,r=!1,n=null;const i=this.startNode(),s=this.lookahead(),a=this.state.type===o._this;return
s.type===o.colon||s.type===o.question?(a&&!e&&this.raise(i.start,J.ThisParamMustBeFirst),t=this.parseIdentifier(
a),this.eat(o.question)&&(r=!0,a&&this.raise(i.start,J.ThisParamMayNotBeOptional)),n=this.flowParseTypeInitialis
er():n=this.flowParseType(),i.name=t,i.optional=r,i.typeAnnotation=n,this.finishNode(i,"FunctionTypeParam")}rei
nterpretTypeAsFunctionTypeParam(e){const t=this.startNodeAt(e.start,e.loc.start);return
t.name=null,t.optional=!1,t.typeAnnotation=e,this.finishNode(t,"FunctionTypeParam")}flowParseFunctionTypePara
ms(e=[]){let
t=null,r=null;for(this.match(o._this)&&(r=this.flowParseFunctionTypeParam(!0),r.name=null,this.match(o.parenR)||
this.expect(o.comma));!this.match(o.parenR)&&!this.match(o.ellipsis);)e.push(this.flowParseFunctionTypeParam(!
1)),this.match(o.parenR)||this.expect(o.comma);return
this.eat(o.ellipsis)&&(t=this.flowParseFunctionTypeParam(!1)),{params:e,rest:t,_this:r}}flowIdentToTypeAnnotati
on(e,t,r,n){switch(n.name){case"any":return
this.finishNode(r,"AnyTypeAnnotation");case"bool":case"boolean":return
this.finishNode(r,"BooleanTypeAnnotation");case"mixed":return
this.finishNode(r,"MixedTypeAnnotation");case"empty":return
this.finishNode(r,"EmptyTypeAnnotation");case"number":return
this.finishNode(r,"NumberTypeAnnotation");case"string":return
this.finishNode(r,"StringTypeAnnotation");case"symbol":return
this.finishNode(r,"SymbolTypeAnnotation");default:return
this.checkNotUnderscore(n.name),this.flowParseGenericType(e,t,n)}}flowParsePrimaryType(){const
e=this.state.start,t=this.state.startLoc,r=this.startNode();let n,i,s=!1;const
a=this.state.noAnonFunctionType;switch(this.state.type){case o.name:return
this.isContextual("interface")?this.flowParseInterfaceType():this.flowIdentToTypeAnnotation(e,t,r,this.parseIdentifi
er());case o.braceL:return
this.flowParseObjectType({allowStatic:!1,allowExact:!1,allowSpread:!0,allowProto:!1,allowInexact:!0});case
o.braceBarL:return
this.flowParseObjectType({allowStatic:!1,allowExact:!0,allowSpread:!0,allowProto:!1,allowInexact:!1});case
o.bracketL:return
this.state.noAnonFunctionType=!1,i=this.flowParseTupleType(),this.state.noAnonFunctionType=a,i;case
o.relational:if("<"===this.state.value)return
r.typeParameters=this.flowParseTypeParameterDeclaration(),this.expect(o.parenL),n=this.flowParseFunctionTypeP
arams(),r.params=n.params,r.rest=n.rest,r.this=n._this,this.expect(o.parenR),this.expect(o.arrow),r.returnType=this.f
lowParseType(),this.finishNode(r,"FunctionTypeAnnotation");break;case
o.parenL:if(this.next(),!this.match(o.parenR)&&!this.match(o.ellipsis))if(this.match(o.name)||this.match(o._this)){c
onst e=this.lookahead().type;s=e===o.question&&e===o.colon}else
s=!0;if(s){if(this.state.noAnonFunctionType=!1,i=this.flowParseType(),this.state.noAnonFunctionType=a,this.state.
noAnonFunctionType||!(this.match(o.comma)||this.match(o.parenR)&&this.lookahead().type===o.arrow))return
this.expect(o.parenR),i;this.eat(o.comma)}return

```

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n=i?this.flowParseFunctionTypeParams([this.reinterpretTypeAsFunctionTypeParam(i)]:this.flowParseFunctionType
eParams(),r.params=n.params,r.rest=n.rest,r.this=n._this,this.expect(o.parenR),this.expect(o.arrow),r.returnType=thi
s.flowParseType(),r.typeParameters=null,this.finishNode(r,"FunctionTypeAnnotation");case o.string:return
this.parseLiteral(this.state.value,"StringLiteralTypeAnnotation");case o._true:case o._false:return
r.value=this.match(o._true),this.next(),this.finishNode(r,"BooleanLiteralTypeAnnotation");case o.plusMin:if("-
"===this.state.value){if(this.next(),this.match(o.num))return this.parseLiteral(-
this.state.value,"NumberLiteralTypeAnnotation",r.start,r.loc.start);if(this.match(o.bigint))return this.parseLiteral(-
this.state.value,"BigIntLiteralTypeAnnotation",r.start,r.loc.start);throw
this.raise(this.state.start,J.UnexpectedSubtractionOperand)}throw this.unexpected();case o.num:return
this.parseLiteral(this.state.value,"NumberLiteralTypeAnnotation");case o.bigint:return
this.parseLiteral(this.state.value,"BigIntLiteralTypeAnnotation");case o._void:return
this.next(),this.finishNode(r,"VoidTypeAnnotation");case o._null:return
this.next(),this.finishNode(r,"NullLiteralTypeAnnotation");case o._this:return
this.next(),this.finishNode(r,"ThisTypeAnnotation");case o.star:return
this.next(),this.finishNode(r,"ExistsTypeAnnotation");default:if("typeof"===this.state.type.keyword)return
this.flowParseTypeofType();if(this.state.type.keyword){const e=this.state.type.label;return
this.next(),super.createIdentifier(r,e)}throw this.unexpected()}flowParsePostfixType(){const
e=this.state.start,t=this.state.startLoc;let
r=this.flowParsePrimaryType(),n=!1;for(:(this.match(o.bracketL)||this.match(o.questionDot))&&!this.canInsertSemi
colon());{const
i=this.startNodeAt(e,t),s=this.eat(o.questionDot);n=n||s,this.expect(o.bracketL),!s&&this.match(o.bracketR)?(i.elem
entType=r,this.next(),r=this.finishNode(i,"ArrayTypeAnnotation")):(i.objectType=r,i.indexType=this.flowParseTyp
e(),this.expect(o.bracketR),n?(i.optional=s,r=this.finishNode(i,"OptionalIndexedAccessType")):r=this.finishNode(i,"
IndexedAccessType"))return r}flowParsePrefixType(){const e=this.startNode();return
this.eat(o.question)?(e.typeAnnotation=this.flowParsePrefixType(),this.finishNode(e,"NullableTypeAnnotation")):th
is.flowParsePostfixType()}flowParseAnonFunctionWithoutParens(){const
e=this.flowParsePrefixType();if(!this.state.noAnonFunctionType&&this.eat(o.arrow)){const
t=this.startNodeAt(e.start,e.loc.start);return
t.params=[this.reinterpretTypeAsFunctionTypeParam(e)],t.rest=null,t.this=null,t.returnType=this.flowParseType(),t
.typeParameters=null,this.finishNode(t,"FunctionTypeAnnotation")}return e}flowParseIntersectionType(){const
e=this.startNode();this.eat(o.bitwiseAND);const
t=this.flowParseAnonFunctionWithoutParens();for(e.types=[t];this.eat(o.bitwiseAND);)e.types.push(this.flowParse
AnonFunctionWithoutParens());return
1===e.types.length?t:this.finishNode(e,"IntersectionTypeAnnotation")}flowParseUnionType(){const
e=this.startNode();this.eat(o.bitwiseOR);const
t=this.flowParseIntersectionType();for(e.types=[t];this.eat(o.bitwiseOR);)e.types.push(this.flowParseIntersectio
nType());return 1===e.types.length?t:this.finishNode(e,"UnionTypeAnnotation")}flowParseType(){const
e=this.state.inType;this.state.inType=!0;const t=this.flowParseUnionType();return
this.state.inType=e,this.state.exprAllowed=this.state.exprAllowed||this.state.noAnonFunctionType,t}flowParseType
OrImplicitInstantiation(){if(this.state.type===o.name&&"_"===this.state.value){const
e=this.state.start,t=this.state.startLoc,r=this.parseIdentifier();return this.flowParseGenericType(e,t,r)}return
this.flowParseType()}flowParseTypeAnnotation(){const e=this.startNode();return
e.typeAnnotation=this.flowParseTypeInitialiser(),this.finishNode(e,"TypeAnnotation")}flowParseTypeAnnotatableI
dentifier(e){const t=e?this.parseIdentifier():this.flowParseRestrictedIdentifier();return
this.match(o.colon)&&(t.typeAnnotation=this.flowParseTypeAnnotation(),this.resetEndLocation(t),t)}typeCastToPa
rameter(e){return
e.expression.typeAnnotation=e.typeAnnotation,this.resetEndLocation(e.expression,e.typeAnnotation.end,e.typeAnn
otation.loc.end),e.expression}flowParseVariance(){let e=null;return

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this.match(o.plusMin)&&(e=this.startNode(),"+")==this.state.value?e.kind="plus":e.kind="minus",this.next(),this.finishNode(e,"Variance"),e}parseFunctionBody(e,t,r=!1){return
t?this.forwardNoArrowParamsConversionAt(e,()=>super.parseFunctionBody(e,!0,r):super.parseFunctionBody(e,!1,r))parseFunctionBodyAndFinish(e,t,r=!1){if(this.match(o.colon)){const
t=this.startNode();[t.typeAnnotation,e.predicate]=this.flowParseTypeAndPredicateInitialiser(),e.returnType=t.typeAnnotation?this.finishNode(t,"TypeAnnotation"):null}super.parseFunctionBodyAndFinish(e,t,r)}parseStatement(e,t){
if(this.state.strict&&this.match(o.name)&&"interface"===this.state.value){const
e=this.lookahead();if(e.type===o.name||U(e.value)){const e=this.startNode();return
this.next(),this.flowParseInterface(e)}else if(this.shouldParseEnums()&&this.isContextual("enum")){const
e=this.startNode();return this.next(),this.flowParseEnumDeclaration(e)}const r=super.parseStatement(e,t);return
void
0!==(this.flowPragma||this.isValidDirective(r)||this.flowPragma=null),r}parseExpressionStatement(e,t){if("Identifier"===t.type)if("declare"===t.name){if(this.match(o._class)||this.match(o.name)||this.match(o._function)||this.match(o._var)||this.match(o._export))return this.flowParseDeclare(e)}else
if(this.match(o.name)){if("interface"===t.name)return this.flowParseInterface(e);if("type"===t.name)return
this.flowParseTypeAlias(e);if("opaque"===t.name)return this.flowParseOpaqueType(e,!1)}return
super.parseExpressionStatement(e,t)}shouldParseExportDeclaration(){return
this.isContextual("type")||this.isContextual("interface")||this.isContextual("opaque")||this.shouldParseEnums()&&this.isContextual("enum")||super.shouldParseExportDeclaration()}isExportDefaultSpecifier(){return(!this.match(o.name)!("type"===this.state.value||"interface"===this.state.value||"opaque"===this.state.value||this.shouldParseEnums()&&"enum"===this.state.value))&&super.isExportDefaultSpecifier()}parseExportDefaultExpression(){if(this.shouldParseEnums()&&this.isContextual("enum")){const e=this.startNode();return
this.next(),this.flowParseEnumDeclaration(e)}return
super.parseExportDefaultExpression()}parseConditional(e,t,r,n){if(!this.match(o.question))return e;if(n){const
i=this.tryParse( ()=>super.parseConditional(e,t,r));return
i.node?(i.error&&(this.state=i.failState),i.node):(n.start=i.error.pos||this.state.start,e)}this.expect(o.question);const
i=this.state.clone(),s=this.state.noArrowAt,a=this.startNodeAt(t,r);let {consequent:l,failed:c}=this.tryParseConditionalConsequent(),[p,u]=this.getArrowLikeExpressions(l);if(c||u.length>0){const
e=[...s];if(u.length>0){this.state=i,this.state.noArrowAt=e;for(let
t=0;t<u.length;t++)e.push(u[t].start);({consequent:l,failed:c}=this.tryParseConditionalConsequent(),[p,u]=this.getArrowLikeExpressions(l)}c&&p.length>1&&this.raise(i.start,J.AmbiguousConditionalArrow),c&&l===p.length&&(this.state=i,this.state.noArrowAt=e.concat(p[0].start),({consequent:l,failed:c}=this.tryParseConditionalConsequent()))}return
this.getArrowLikeExpressions(l,!0),this.state.noArrowAt=s,this.expect(o.colon),a.test=e,a.consequent=l,a.alternate=
this.forwardNoArrowParamsConversionAt(a,()=>this.parseMaybeAssign(void 0,void 0,void
0)),this.finishNode(a,"ConditionalExpression")}tryParseConditionalConsequent(){this.state.noArrowParamsConversionAt.push(this.state.start);const e=this.parseMaybeAssignAllowIn(),t=!this.match(o.colon);return
this.state.noArrowParamsConversionAt.pop(),{consequent:e,failed:t}}getArrowLikeExpressions(e,t){const
r=[e],n=[];for(;0!==(r.length);){const
e=r.pop();"ArrowFunctionExpression"===e.type?(e.typeParameters||!e.returnType?this.finishArrowValidation(e):n.push(e),r.push(e.body)):"ConditionalExpression"===e.type&&(r.push(e.consequent),r.push(e.alternate))}return
t?(n.forEach(e=>this.finishArrowValidation(e)),[n,[]]):function(e,t){const r=[],n=[];for(let
i=0;i<e.length;i++)t(e[i],i,e)?r:n.push(e[i]);return[r,n]}(n,e=>e.params.every(e=>this.isAssignable(e,!0)))}finishArrowValidation(e){var t;this.toAssignableList(e.params,null==(t=e.extra)?void
0:t.trailingComma,!1),this.scope.enter(6),super.checkParams(e,!1,!0),this.scope.exit()}forwardNoArrowParamsConversionAt(e,t){let r;return-
1!==(this.state.noArrowParamsConversionAt.indexOf(e.start)?(this.state.noArrowParamsConversionAt.push(this.state.start),r=t(),this.state.noArrowParamsConversionAt.pop()):r=t(),r)}parseParenItem(e,t,r){if(e=super.parseParenItem

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(e,t,r),this.eat(o.question)&&(e.optional!=0,this.resetEndLocation(e)),this.match(o.colon)){const
n=this.startNodeAt(t,r);return
n.expression=e,n.typeAnnotation=this.flowParseTypeAnnotation(),this.finishNode(n,"TypeCastExpression")}return
e}assertModuleNodeAllowed(e){ "ImportDeclaration"===e.type&&("type"===e.importKind||"typeof"===e.import
Kind)||"ExportNamedDeclaration"===e.type&&"type"===e.exportKind||"ExportAllDeclaration"===e.type&&"type
"===e.exportKind||super.assertModuleNodeAllowed(e)}parseExport(e){const
t=super.parseExport(e);return"ExportNamedDeclaration"!==t.type&&"ExportAllDeclaration"!==t.type||(t.exportKin
d=t.exportKind||"value"),t}parseExportDeclaration(e){if(this.isContextual("type")){e.exportKind="type";const
t=this.startNode();return
this.next(),this.match(o.braceL)?(e.specifiers=this.parseExportSpecifiers(),this.parseExportFrom(e),null):this.flowPa
rseTypeAlias(t)}if(this.isContextual("opaque")){e.exportKind="type";const t=this.startNode();return
this.next(),this.flowParseOpaqueType(t,!1)}if(this.isContextual("interface")){e.exportKind="type";const
t=this.startNode();return
this.next(),this.flowParseInterface(t)}if(this.shouldParseEnums())&&this.isContextual("enum")){e.exportKind="valu
e";const t=this.startNode();return this.next(),this.flowParseEnumDeclaration(t)}return
super.parseExportDeclaration(e)}eatExportStar(e){return!!super.eatExportStar(...arguments)||(!this.isContextual("t
ype")||this.lookahead().type!==o.star)&&(e.exportKind="type",this.next(),this.next(),!0)}maybeParseExportNamesp
aceSpecifier(e){const t=this.state.start,r=super.maybeParseExportNamespaceSpecifier(e);return
r&&"type"===e.exportKind&&this.unexpected(t,r)}parseClassId(e,t,r){super.parseClassId(e,t,r),this.isRelational("<
")&&(e.typeParameters=this.flowParseTypeParameterDeclaration())}parseClassMember(e,t,r){const
n=this.state.start;if(this.isContextual("declare")){if(this.parseClassMemberFromModifier(e,t))return;t.declare=!0}su
per.parseClassMember(e,t,r),t.declare&&("ClassProperty"!==t.type&&"ClassPrivateProperty"!==t.type&&"Propert
yDefinition"!==t.type?this.raise(n,J.DeclareClassElement):t.value&&this.raise(t.value.start,J.DeclareClassFieldIniti
alizer))}isIterator(e){return"iterator"===e||"asyncIterator"===e}readIterator(){const
e=super.readWord1(),t="@@"+e;this.isIterator(e)&&this.state.inType||this.raise(this.state.pos,T.InvalidIdentifier,t),t
his.finishToken(o.name,t)}getTokenFromCode(e){const t=this.input.charCodeAt(this.state.pos+1);return
123===e&&124===t?this.finishOp(o.braceBarL,2):!this.state.inType||62!==e&&60!==e?this.state.inType&&63===
e?46===t?this.finishOp(o.questionDot,2):this.finishOp(o.question,1):function(e,t){return
64===e&&64===t}(e,t)?(this.state.pos+=2,this.readIterator()):super.getTokenFromCode(e):this.finishOp(o.relation
al,1)}isAssignable(e,t){switch(e.type){case"Identifier":case"ObjectPattern":case"ArrayPattern":case"AssignmentPat
tern":return!0;case"ObjectExpression":{const t=e.properties.length-1;return
e.properties.every((e,r)=>"ObjectMethod"!==e.type&&(r===t||"SpreadElement"===e.type)&&this.isAssignable(e))
}case"ObjectProperty":return this.isAssignable(e.value);case"SpreadElement":return
this.isAssignable(e.argument);case"ArrayExpression":return
e.elements.every(e=>this.isAssignable(e));case"AssignmentExpression":return"="===e.operator;case"Parenthesized
Expression":case"TypeCastExpression":return
this.isAssignable(e.expression);case"MemberExpression":case"OptionalMemberExpression":return!t;default:return!
1}}toAssignable(e,t=!1){return"TypeCastExpression"===e.type?super.toAssignable(this.typeCastToParameter(e),t)
:super.toAssignable(e,t)}toAssignableList(e,t,r){for(let t=0;t<e.length;t++){const
r=e[t];"TypeCastExpression"===e&&(null===r?void 0:r.type)&&(e[t]=this.typeCastToParameter(r))}return
super.toAssignableList(e,t,r)}toReferencedList(e,t){for(let n=0;n<e.length;n++){var r;const
i=e[n];!i||"TypeCastExpression"!==i.type||null!=(r=i.extra)&&r.parenthesized||!(e.length>1)&&t||this.raise(i.typeAn
notation.start,J.TypeCastInParameter)}return e}parseArrayLike(e,t,r,n){const i=super.parseArrayLike(e,t,r,n);return
t&&!this.state.maybeInArrowParameters&&this.toReferencedList(i.elements,i)}checkLVal(e,...t){if("TypeCastExpr
ession"!==e.type)return super.checkLVal(e,...t)}parseClassProperty(e){return
this.match(o.colon)&&(e.typeAnnotation=this.flowParseTypeAnnotation()),super.parseClassProperty(e)}parseClass
PrivateProperty(e){return
this.match(o.colon)&&(e.typeAnnotation=this.flowParseTypeAnnotation()),super.parseClassPrivateProperty(e)}isC

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lassMethod(){return this.isRelational("<")||super.isClassMethod()}isClassProperty(){return
this.match(o.colon)||super.isClassProperty()}isNonstaticConstructor(e){return!this.match(o.colon)&&super.isNonsta
ticConstructor(e)}pushClassMethod(e,t,r,n,i,s){if(t.variance&&this.unexpected(t.variance.start),delete
t.variance,this.isRelational("<")&&(t.typeParameters=this.flowParseTypeParameterDeclaration()),super.pushClass
Method(e,t,r,n,i,s),t.params&&i){const
e=t.params;e.length>0&&this.isThisParam(e[0])&&this.raise(t.start,J.ThisParamBannedInConstructor)}else
if("MethodDefinition"===t.type&&i&&t.value.params){const
e=t.value.params;e.length>0&&this.isThisParam(e[0])&&this.raise(t.start,J.ThisParamBannedInConstructor)}push
ClassPrivateMethod(e,t,r,n){t.variance&&this.unexpected(t.variance.start),delete
t.variance,this.isRelational("<")&&(t.typeParameters=this.flowParseTypeParameterDeclaration()),super.pushClassP
rivateMethod(e,t,r,n)}parseClassSuper(e){if(super.parseClassSuper(e),e.superClass&&this.isRelational("<")&&(e.s
uperTypeParameters=this.flowParseTypeParameterInstantiation()),this.isContextual("implements")){this.next();cons
t t=e.implements=[];do{const
e=this.startNode();e.id=this.flowParseRestrictedIdentifier(!0),this.isRelational("<")?e.typeParameters=this.flowPars
eTypeParameterInstantiation():e.typeParameters=null,t.push(this.finishNode(e,"ClassImplements"))}while(this.eat(o
.comma))}checkGetterSetterParams(e){super.checkGetterSetterParams(e);const
t=this.getObjectOrClassMethodParams(e);if(t.length>0){const
r=t[0];this.isThisParam(r)&&"get"===e.kind?this.raise(r.start,J.GetterMayNotHaveThisParam):this.isThisParam(r)
&&this.raise(r.start,J.SetterMayNotHaveThisParam)}parsePropertyName(e,t){const
r=this.flowParseVariance(),n=super.parsePropertyName(e,t);return
e.variance=r,n}parseObjPropValue(e,t,r,n,i,s,a,l){let c;e.variance&&this.unexpected(e.variance.start),delete
e.variance,this.isRelational("<")&&!a&&(c=this.flowParseTypeParameterDeclaration(),this.match(o.parenL)||this.u
nexpected()),super.parseObjPropValue(e,t,r,n,i,s,a,l),c&&((e.value||e).typeParameters=c)}parseAssignableListItemT
ypes(e){return
this.eat(o.question)&&("Identifier"!==e.type&&this.raise(e.start,J.OptionalBindingPattern),this.isThisParam(e)&&t
his.raise(e.start,J.ThisParamMayNotBeOptional),e.optional=!0),this.match(o.colon)?e.typeAnnotation=this.flowPars
eTypeAnnotation():this.isThisParam(e)&&this.raise(e.start,J.ThisParamAnnotationRequired),this.match(o.eq)&&thi
s.isThisParam(e)&&this.raise(e.start,J.ThisParamNoDefault),this.resetEndLocation(e),e)}parseMaybeDefault(e,t,r){c
onst
n=super.parseMaybeDefault(e,t,r);return"AssignmentPattern"===n.type&&n.typeAnnotation&&n.right.start<n.type
Annotation.start&&this.raise(n.typeAnnotation.start,J.TypeBeforeInitializer),n}shouldParseDefaultImport(e){return
H(e)?G(this.state):super.shouldParseDefaultImport(e)}parseImportSpecifierLocal(e,t,r,n){t.local=H(e)?this.flowPars
eRestrictedIdentifier(!0,!0):this.parseIdentifier(),this.checkLVal(t.local,n,9),e.specifiers.push(this.finishNode(t,r))m
aybeParseDefaultImportSpecifier(e){e.importKind="value";let
t=null;if(this.match(o._typeof)?t="typeof":this.isContextual("type")&&(t="type"),t){const
r=this.lookahead();"type"===t&&r.type===o.star&&this.unexpected(r.start),(G(r)||r.type===o.braceL||r.type===o.st
ar)&&(this.next(),e.importKind=t)}return
super.maybeParseDefaultImportSpecifier(e)}parseImportSpecifier(e){const
t=this.startNode(),r=this.state.start,n=this.parseModuleExportName();let
i=null;"Identifier"===n.type&&("type"===n.name?i="type":"typeof"===n.name&&(i="typeof"));let
s=!1;if(this.isContextual("as")&&!this.isLookaheadContextual("as")){const
e=this.parseIdentifier(!0);null===i||this.match(o.name)||this.state.type.keyword?(t.imported=n,t.importKind=null,t.l
ocal=this.parseIdentifier():(t.imported=e,t.importKind=i,t.local=e.__clone())}else
if(null===i&&(this.match(o.name)||this.state.type.keyword))t.imported=this.parseIdentifier(!0),t.importKind=i,this.e
atContextual("as"?t.local=this.parseIdentifier():(s=!0,t.local=t.imported.__clone());else{if("StringLiteral"===n.type
)throw
this.raise(t.start,T.ImportBindingIsString,n.value);s=!0,t.imported=n,t.importKind=null,t.local=t.imported.__clone()
}const

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a=H(e),l=H(t);a&&l&&this.raise(r,J.ImportTypeShorthandOnlyInPureImport),(a||l)&&this.checkReservedType(t.local.name,t.local.start,!0),!s||a||l||this.checkReservedWord(t.local.name,t.start,!0,!0),this.checkLVal(t.local,"import specifier",9),e.specifiers.push(this.finishNode(t,"ImportSpecifier"))}parseBindingAtom(){switch(this.state.type){case o._this:return this.parseIdentifier(!0);default:return super.parseBindingAtom()}}parseFunctionParams(e,t){const r=e.kind;"get"!==r&&"set"!==r&&this.isRelational("<")&&(e.typeParameters=this.flowParseTypeParameterDeclaration()),super.parseFunctionParams(e,t)}parseVarId(e,t){super.parseVarId(e,t),this.match(o.colon)&&(e.id.typeAnnotation=this.flowParseTypeAnnotation()),this.resetEndLocation(e.id)}parseAsyncArrowFromCallExpression(e,t){if(this.match(o.colon)){const t=this.state.noAnonFunctionType;this.state.noAnonFunctionType=!0,e.returnType=this.flowParseTypeAnnotation(),this.state.noAnonFunctionType=t}return super.parseAsyncArrowFromCallExpression(e,t)}shouldParseAsyncArrow(){return this.match(o.colon)||super.shouldParseAsyncArrow()}parseMaybeAssign(e,t,r){var n;let i,s=null;if(this.hasPlugin("jsx")&&(this.match(o.jsxTagStart)||this.isRelational("<"))){if(s=this.state.clone(),i=this.tryParse(=>super.parseMaybeAssign(e,t,r),s),!i.error)return i.node;const {context:n}=this.state;n[n.length-1]===x.j_oTag?n.length-=2:n[n.length-1]===x.j_expr&&(n.length=1)}if(null!=(n=i)&&n.error||this.isRelational("<")){var a,l;let n;s=s||this.state.clone();const o=this.tryParse(i=>{var s;n=this.flowParseTypeParameterDeclaration();const a=this.forwardNoArrowParamsConversionAt(n,())=>{const i=super.parseMaybeAssign(e,t,r);return this.resetStartLocationFromNode(i,n,i)};"ArrowFunctionExpression"!==a.type&&null!=(s=a.extra)&&s.parenthesized&&i());const o=this.maybeUnwrapTypeCastExpression(a);return o.typeParameters=n,this.resetStartLocationFromNode(o,n,a),s);let c=null;if(o.node&&"ArrowFunctionExpression"===this.maybeUnwrapTypeCastExpression(o.node).type){if(!o.error&&!o.aborted)return o.node.async&&this.raise(n.start,J.UnexpectedTypeParameterBeforeAsyncArrowFunction),o.node;c=o.node}if(null!=(a=i)&&a.node)return this.state=i.failState,i.node;if(c)return this.state=o.failState,c;if(null!=(l=i)&&l.thrown)throw i.error;if(o.thrown)throw o.error;throw this.raise(n.start,J.UnexpectedTokenAfterTypeParameter)}return super.parseMaybeAssign(e,t,r)}parseArrow(e){if(this.match(o.colon)){const t=this.tryParse(=>{const t=this.state.noAnonFunctionType;this.state.noAnonFunctionType=!0;const r=this.startNode();return[r.typeAnnotation,e.predicate]=this.flowParseTypeAndPredicateInitialiser(),this.state.noAnonFunctionType=t,this.canInsertSemicolon()&&this.unexpected(),this.match(o.arrow)||this.unexpected(),r});if(t.thrown)return null;t.error&&(this.state=t.failState),e.returnType=t.node.typeAnnotation?this.finishNode(t.node,"TypeAnnotation"):null}return super.parseArrow(e)}shouldParseArrow(){return this.match(o.colon)||super.shouldParseArrow()}setArrowFunctionParameters(e,t){-1!==this.state.noArrowParamsConversionAt.indexOf(e.start)?e.params=t:super.setArrowFunctionParameters(e,t)}checkParams(e,t,r){if(!r|-1===this.state.noArrowParamsConversionAt.indexOf(e.start)){for(let t=0;t<e.params.length;t++)this.isThisParam(e.params[t])&&t>0&&this.raise(e.params[t].start,J.ThisParamMustBeFirst);return super.checkParams(...arguments)}}parseParenAndDistinguishExpression(e){return super.parseParenAndDistinguishExpression(e&&-1===this.state.noArrowAt.indexOf(this.state.start))}parseSubscripts(e,t,r,n){if("Identifier"===e.type&&"async"===e.name&&-1!==this.state.noArrowAt.indexOf(t)){this.next();const n=this.startNodeAt(t,r);n.callee=e,n.arguments=this.parseCallExpressionArguments(o.parenR,!1),e=this.finishNode(n,"CallExpression")}else if("Identifier"===e.type&&"async"===e.name&&this.isRelational("<")){const i=this.state.clone(),s=this.tryParse(e=>this.parseAsyncArrowWithTypeParameters(t,r)||e(),i);if(!s.error&&!s.aborted)return s.node;const a=this.tryParse(=>super.parseSubscripts(e,t,r,n),i);if(a.node&&!a.error)return a.node;if(s.node)return this.state=s.failState,s.node;if(a.node)return this.state=a.failState,a.node;throw s.error|a.error}return

```



```

super.parseSubscripts(e,t,r,n)}parseSubscript(e,t,r,n,i){if(this.match(o.questionDot)&&this.isLookaheadToken_It())
{if(i.optionalChainMember=!0,n)return i.stop=!0,e;this.next();const s=this.startNodeAt(t,r);return
s.callee=e,s.typeArguments=this.flowParseTypeParameterInstantiation(),this.expect(o.parenL),s.arguments=this.par
seCallExpressionArguments(o.parenR,!1),s.optional=!0,this.finishCallExpression(s,!0)}if(!n&&this.shouldParseTyp
es())&&this.isRelational("<")){const n=this.startNodeAt(t,r);n.callee=e;const
s=this.tryParse(=>(n.typeArguments=this.flowParseTypeParameterInstantiationCallOrNew(),this.expect(o.parenL)
,n.arguments=this.parseCallExpressionArguments(o.parenR,!1),i.optionalChainMember&&(n.optional=!1),this.finis
hCallExpression(n,i.optionalChainMember));if(s.node)return s.error&&(this.state=s.failState),s.node}return
super.parseSubscript(e,t,r,n,i)}parseNewArguments(e){let
t=null;this.shouldParseTypes()&&this.isRelational("<")&&(t=this.tryParse(=>this.flowParseTypeParameterInstant
iationCallOrNew()).node),e.typeArguments=t,super.parseNewArguments(e)}parseAsyncArrowWithTypeParameter
s(e,t){const r=this.startNodeAt(e,t);if(this.parseFunctionParams(r),this.parseArrow(r))return
this.parseArrowExpression(r,void 0,!0)}readToken_mult_modulo(e){const
t=this.input.charCodeAt(this.state.pos+1);if(42===e&&47===t&&this.state.hasFlowComment)return
this.state.hasFlowComment=!1,this.state.pos+=2,void
this.nextToken();super.readToken_mult_modulo(e)}readToken_pipe_amp(e){const
t=this.input.charCodeAt(this.state.pos+1);124!==(e||125)!==(t?super.readToken_pipe_amp(e):this.finishOp(o.braceBar
R,2))}parseTopLevel(e,t){const r=super.parseTopLevel(e,t);return
this.state.hasFlowComment&&this.raise(this.state.pos,J.UnterminatedFlowComment),r}skipBlockComment(){if(thi
s.hasPlugin("flowComments")&&this.skipFlowComment())return
this.state.hasFlowComment&&this.unexpected(null,J.NestedFlowComment),this.hasFlowCommentCompletion(),thi
s.state.pos+=this.skipFlowComment(),void(this.state.hasFlowComment=!0);if(this.state.hasFlowComment){const
e=this.input.indexOf("*/",this.state.pos+=2);if(-1===e)throw this.raise(this.state.pos-
2,T.UnterminatedComment);this.state.pos=e+3}else
super.skipBlockComment()}skipFlowComment(){const{pos:e}=this.state;let
t=2;for(;[32,9].includes(this.input.charCodeAt(e+t));t++);const
r=this.input.charCodeAt(t+e),n=this.input.charCodeAt(t+e+1);return 58===r&&58===n?t+2:"flow-
include"===this.input.slice(t+e,t+e+12)?t+12:58===r&&58!==(n&&t)}hasFlowCommentCompletion(){if(-
1===this.input.indexOf("*/",this.state.pos))throw
this.raise(this.state.pos,T.UnterminatedComment)}flowEnumErrorBooleanMemberNotInitialized(e,{enumName:t,m
emberName:r}){this.raise(e,J.EnumBooleanMemberNotInitialized,r,t)}flowEnumErrorInvalidMemberName(e,{enu
mName:t,memberName:r}){const
n=r[0].toUpperCase()+r.slice(1);this.raise(e,J.EnumInvalidMemberName,r,n,t)}flowEnumErrorDuplicateMemberN
ame(e,{enumName:t,memberName:r}){this.raise(e,J.EnumDuplicateMemberName,r,t)}flowEnumErrorInconsistent
MemberValues(e,{enumName:t}){this.raise(e,J.EnumInconsistentMemberValues,t)}flowEnumErrorInvalidExplicit
Type(e,{enumName:t,suppliedType:r}){return
this.raise(e,null===r?J.EnumInvalidExplicitTypeUnknownSupplied:J.EnumInvalidExplicitType,t,r)}flowEnumErro
rInvalidMemberInitializer(e,{enumName:t,explicitType:r,memberName:n}){let
i=null;switch(r){case"boolean":case"number":case"string":i=J.EnumInvalidMemberInitializerPrimaryType;break;ca
se"symbol":i=J.EnumInvalidMemberInitializerSymbolType;break;default:i=J.EnumInvalidMemberInitializerUnkno
wnType}return
this.raise(e,i,t,n,r)}flowEnumErrorNumberMemberNotInitialized(e,{enumName:t,memberName:r}){this.raise(e,J.E
numNumberMemberNotInitialized,t,r)}flowEnumErrorStringMemberInconsistentlyInitailized(e,{enumName:t}){thi
s.raise(e,J.EnumStringMemberInconsistentlyInitailized,t)}flowEnumMemberInit(){const
e=this.state.start,t(=>this.match(o.comma)||this.match(o.braceR));switch(this.state.type){case o.num:{const
r=this.parseLiteral(this.state.value,"NumericLiteral");return
t()?{type:"number",pos:r.start,value:r}:{type:"invalid",pos:e}}case o.string:{const
r=this.parseLiteral(this.state.value,"StringLiteral");return

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t()?(type:"string",pos:r.start,value:r):(type:"invalid",pos:e)}case o._true:case o._false:{const
r=this.parseBooleanLiteral();return
t()?(type:"boolean",pos:r.start,value:r):(type:"invalid",pos:e)}default:return{type:"invalid",pos:e}}flowEnumMe
mberRaw(){const
e=this.state.start;return{id:this.parseIdentifier(!0),init:this.eat(o.eq)?this.flowEnumMemberInit():{type:"none",pos:e
}}flowEnumCheckExplicitTypeMismatch(e,t,r){const{explicitType:n}=t;null!=n&&n!==(r&&this.flowEnumError
InvalidMemberInitializer(e,t))flowEnumMembers({enumName:e,explicitType:t}){const r=new
Set,n={booleanMembers:[],numberMembers:[],stringMembers:[],defaultedMembers:[]};let
i=1;for(;!this.match(o.braceR);){if(this.eat(o.ellipsis)){i=!0;break}const
s=this.startNode(),{id:a,init:l}=this.flowEnumMemberRaw(),c=a.name;if(""===c)continue;/^[a-
z]/.test(c)&&this.flowEnumErrorInvalidMemberName(a.start,{enumName:e,memberName:c}),r.has(c)&&this.flow
EnumErrorDuplicateMemberName(a.start,{enumName:e,memberName:c}),r.add(c);const
p={enumName:e,explicitType:t,memberName:c};switch(s.id=a.l.type){case"boolean":this.flowEnumCheckExplicit
TypeMismatch(l.pos,p,"boolean"),s.init=l.value,n.booleanMembers.push(this.finishNode(s,"EnumBooleanMember"
));break;case"number":this.flowEnumCheckExplicitTypeMismatch(l.pos,p,"number"),s.init=l.value,n.numberMemb
ers.push(this.finishNode(s,"EnumNumberMember"));break;case"string":this.flowEnumCheckExplicitTypeMismatc
h(l.pos,p,"string"),s.init=l.value,n.stringMembers.push(this.finishNode(s,"EnumStringMember"));break;case"invalid
":throw
this.flowEnumErrorInvalidMemberInitializer(l.pos,p);case"none":switch(t){case"boolean":this.flowEnumErrorBoo
leanMemberNotInitialized(l.pos,p);break;case"number":this.flowEnumErrorNumberMemberNotInitialized(l.pos,p);b
reak;default:n.defaultedMembers.push(this.finishNode(s,"EnumDefaultedMember"))}this.match(o.braceR)||this.ex
pect(o.comma)}return{members:n,hasUnknownMembers:i}}flowEnumStringMembers(e,t,{enumName:r}){if(0===
e.length)return t;if(0===t.length)return e;if(t.length>e.length){for(const t of
e)this.flowEnumErrorStringMemberInconsistentlyInitailized(t.start,{enumName:r});return t}for(const e of
t)this.flowEnumErrorStringMemberInconsistentlyInitailized(e.start,{enumName:r});return
e}flowEnumParseExplicitType({enumName:e}){if(this.eatContextual("of")){if(!this.match(o.name))throw
this.flowEnumErrorInvalidExplicitType(this.state.start,{enumName:e,suppliedType:null});const{value:t}=this.state;
return
this.next(),"boolean"!==t&&"number"!==t&&"string"!==t&&"symbol"!==t&&this.flowEnumErrorInvalidExplicit
Type(this.state.start,{enumName:e,suppliedType:t}),t}return
null}flowEnumBody(e,{enumName:t,nameLoc:r}){const
n=this.flowEnumParseExplicitType({enumName:t});this.expect(o.braceL);const{members:i,hasUnknownMembers:
s}=this.flowEnumMembers({enumName:t,explicitType:n});switch(e.hasUnknownMembers=s,n){case"boolean":ret
urn
e.explicitType=!0,e.members=i.booleanMembers,this.expect(o.braceR),this.finishNode(e,"EnumBooleanBody");cas
e"number":return
e.explicitType=!0,e.members=i.numberMembers,this.expect(o.braceR),this.finishNode(e,"EnumNumberBody");cas
e"string":return
e.explicitType=!0,e.members=this.flowEnumStringMembers(i.stringMembers,i.defaultedMembers,{enumName:t}),
this.expect(o.braceR),this.finishNode(e,"EnumStringBody");case"symbol":return
e.members=i.defaultedMembers,this.expect(o.braceR),this.finishNode(e,"EnumSymbolBody");default:{const
n=()=>(e.members=[],this.expect(o.braceR),this.finishNode(e,"EnumStringBody"));e.explicitType=!1;const
s=i.booleanMembers.length,a=i.numberMembers.length,l=i.stringMembers.length,c=i.defaultedMembers.length;if(s
||a||l||c){if(s||a){if(!a&&!l&&s>=c){for(const e of
i.defaultedMembers)this.flowEnumErrorBooleanMemberNotInitialized(e.start,{enumName:t,memberName:e.id.na
me});return
e.members=i.booleanMembers,this.expect(o.braceR),this.finishNode(e,"EnumBooleanBody")}if(!s&&!l&&a>=c){f
or(const e of

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i.defaultedMembers)this.flowEnumErrorNumberMemberNotInitialized(e.start,{enumName:t,memberName:e.id.name});return e.members=i.numberMembers,this.expect(o.braceR),this.finishNode(e,"EnumNumberBody")}return this.flowEnumErrorInconsistentMemberValues(r,{enumName:t}),n()}return e.members=this.flowEnumStringMembers(i.stringMembers,i.defaultedMembers,{enumName:t}),this.expect(o.braceR),this.finishNode(e,"EnumStringBody")}return n()}}flowParseEnumDeclaration(e){const t=this.parseIdentifier();return e.id=t,e.body=this.flowEnumBody(this.startNode(),{enumName:t.name,nameLoc:t.start}),this.finishNode(e,"Enum Declaration")}updateContext(e){this.match(o.name)&&"of"===this.state.value&&e===o.name&&"interface"===this.input.slice(this.state.lastTokStart,this.state.lastTokEnd)?this.state.exprAllowed=!1:super.updateContext(e)}isLookaheadToken_lt(){const e=this.nextTokenStart();if(60===this.input.charCodeAt(e)){const t=this.input.charCodeAt(e+1);return 60!==t&&61!==t}return!1}maybeUnwrapTypeCastExpression(e){return"TypeCastExpression"===e.type?e.expression:e}},typescript:e=>class extends e{getScopeHandler(){return se}tsIsIdentifier(){return this.match(o.name)}tsTokenCanFollowModifier(){return(this.match(o.bracketL)||this.match(o.braceL)||this.match(o.star)||this.match(o.ellipsis)||this.match(o.privateName)||this.isLiteralPropertyName())&&!this.hasPrecedingLineBreak()}tsNextTokenCanFollowModifier(){return this.next(),this.tsTokenCanFollowModifier()}tsParseModifier(e){if(!this.match(o.name))return;const t=this.state.value;return-1!==e.indexOf(t)&&this.tsTryParse(this.tsNextTokenCanFollowModifier.bind(this))?t:void 0}tsParseModifiers(e,t,r,n){const i=(t,r,n,i)=>{r===n&&e[i]&&this.raise(t,pe.InvalidModifiersOrder,n,i)},s=(t,r,n,i)=>{(e[n]&&r===i||e[i]&&r===n)&&this.raise(t,pe.IncompatibleModifiers,n,i)};for(;;){const a=this.state.start,o=this.tsParseModifier(t.concat(null!=r?r:[]));if(!o)break;ue(o)?e.accessibility?this.raise(a,pe.DuplicateAccessibilityModifier):(i(a,o,o,"override"),i(a,o,o,"static"),e.accessibility=o):(Object.hasOwnProperty.call(e,o)?this.raise(a,pe.DuplicateModifier,o):(i(a,o,"static","readonly"),i(a,o,"static","override"),i(a,o,"override","readonly"),i(a,o,"abstract","override"),s(a,o,"declare","override"),s(a,o,"static","abstract")),e[o]=!0,null!=r&&r.includes(o)&&this.raise(a,n,o))}tsIsListTerminator(e){switch(e){case"EnumMembers":case"TypeMembers":return this.match(o.braceR);case"HeritageClauseElement":return this.match(o.braceL);case"TupleElementTypes":return this.match(o.bracketR);case"TypeParametersOrArguments":return this.isRelational(">")}throw new Error("Unreachable")}tsParseList(e,t){const r=[];for(;!this.tsIsListTerminator(e);)r.push(t());return r}tsParseDelimitedList(e,t){return le(this.tsParseDelimitedListWorker(e,t,!0))}tsParseDelimitedListWorker(e,t,r){const n=[];for(;!this.tsIsListTerminator(e);){const i=t();if(null===i)return;if(n.push(i),!this.eat(o.comma)){if(this.tsIsListTerminator(e))break;return void(r&&this.expect(o.comma))}}return n}tsParseBracketedList(e,t,r,n){n||(r?this.expect(o.bracketL):this.expectRelational("<"));const i=this.tsParseDelimitedList(e,t);return r?this.expect(o.bracketR):this.expectRelational(">"),i}tsParseImportType(){const e=this.startNode();return this.expect(o._import),this.expect(o.parenL),this.match(o.string)||this.raise(this.state.start,pe.UnsupportedImportTypeArgument),e.argument=this.parseExprAtom(),this.expect(o.parenR),this.eat(o.dot)&&(e.qualifier=this.tsParseEntityName(!0)),this.isRelational("<")&&(e.typeParameters=this.tsParseTypeArguments()),this.finishNode(e,"TSImport Type")}tsParseEntityName(e){let t=this.parseIdentifier();for(;this.eat(o.dot);){const r=this.startNodeAtNode(t);r.left=t,r.right=this.parseIdentifier(e),t=this.finishNode(r,"TSQualifiedName")}return t}tsParseTypeReference(){const e=this.startNode();return e.typeName=this.tsParseEntityName(!1),!this.hasPrecedingLineBreak()&&this.isRelational("<")&&(e.typeParameters=this.tsParseTypeArguments()),this.finishNode(e,"TSTypeReference")}tsParseThisTypePredicate(e){this.next();const t=this.startNodeAtNode(e);return t.parameterName=e,t.typeAnnotation=this.tsParseTypeAnnotation(!1),t.asserts=!1,this.finishNode(t,"TSTypePredicate")}tsParseThisTypeNode(){const e=this.startNode();return

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this.next(),this.finishNode(e,"TSThisType")}tsParseTypeQuery(){const e=this.startNode();return
this.expect(o._typeof),this.match(o._import)?e.exprName=this.tsParseImportType():e.exprName=this.tsParseEntity
Name(!0),this.finishNode(e,"TSTypeQuery")}tsParseTypeParameter(){const e=this.startNode();return
e.name=this.parseIdentifierName(e.start),e.constraint=this.tsEatThenParseType(o._extends),e.default=this.tsEatThe
nParseType(o.eq),this.finishNode(e,"TSTypeParameter")}tsTryParseTypeParameters(){if(this.isRelational("<"))retu
rn this.tsParseTypeParameters()}tsParseTypeParameters(){const e=this.startNode();return
this.isRelational("<")||this.match(o.jsxTagStart)?this.next():this.unexpected(),e.params=this.tsParseBracketedList("T
ypeParametersOrArguments",this.tsParseTypeParameter.bind(this),!1,!0),0===e.params.length&&this.raise(e.start,p
e.EmptyTypeParameters),this.finishNode(e,"TSTypeParameterDeclaration")}tsTryNextParseConstantContext(){ret
urn this.lookahead().type===o._const?(this.next(),this.tsParseTypeReference()):null}tsFillSignature(e,t){const
r=e===o.arrow;t.typeParameters=this.tsTryParseTypeParameters(),this.expect(o.parenL),t.parameters=this.tsParseBi
ndingListForSignature(),(r||this.match(e))&&(t.typeAnnotation=this.tsParseTypeOrTypePredicateAnnotation(e))}ts
ParseBindingListForSignature(){return
this.parseBindingList(o.parenR,41).map(e=>("Identifier"!==e.type&&"RestElement"!==e.type&&"ObjectPattern"
===e.type&&"ArrayPattern"!==e.type&&this.raise(e.start,pe.UnsupportedSignatureParameterKind,e.type),e))}tsParse
TypeMemberSemicolon(){this.eat(o.comma)||this.isLineTerminator()||this.expect(o.semi)}tsParseSignatureMembe
r(e,t){return
this.tsFillSignature(o.colon,t),this.tsParseTypeMemberSemicolon(),this.finishNode(t,e)}tsIsUnambiguouslyIndexSi
gnature(){return
this.next(),this.eat(o.name)&&this.match(o.colon)}tsTryParseIndexSignature(e){if(!this.match(o.bracketL)||!this.tsL
ookAhead(this.tsIsUnambiguouslyIndexSignature.bind(this)))return;this.expect(o.bracketL);const
t=this.parseIdentifier();t.typeAnnotation=this.tsParseTypeAnnotation(),this.resetEndLocation(t),this.expect(o.bracke
tR),e.parameters=[t];const r=this.tsTryParseTypeAnnotation();return
r&&(e.typeAnnotation=r),this.tsParseTypeMemberSemicolon(),this.finishNode(e,"TSIndexSignature")}tsParseProp
ertyOrMethodSignature(e,t){this.eat(o.question)&&(e.optional=!0);const
r=e;if(this.match(o.parenL)||this.isRelational("<")){t&&this.raise(e.start,pe.ReadonlyForMethodSignature);const
n=r;if(n.kind&&this.isRelational("<")&&this.raise(this.state.pos,pe.AccessorCannotHaveTypeParameters),this.tsFill
Signature(o.colon,n),this.tsParseTypeMemberSemicolon(),"get"===n.kind)n.parameters.length>0&&(this.raise(this.
state.pos,T.BadGetterArity),this.isThisParam(n.parameters[0])&&this.raise(this.state.pos,pe.AccessorCannotDeclare
ThisParameter));else
if("set"===n.kind){if(!n.parameters.length)this.raise(this.state.pos,T.BadSetterArity);else{const
e=n.parameters[0];this.isThisParam(e)&&this.raise(this.state.pos,pe.AccessorCannotDeclareThisParameter),"Identifi
er"===e.type&&e.optional&&this.raise(this.state.pos,pe.SetAccessorCannotHaveOptionalParameter),"RestElement"
===e.type&&this.raise(this.state.pos,pe.SetAccessorCannotHaveRestParameter)}n.typeAnnotation&&this.raise(n.ty
peAnnotation.start,pe.SetAccessorCannotHaveReturnType)}else n.kind="method";return
this.finishNode(n,"TSMethodSignature")}{const e=r;t&&(e.readonly=!0);const
n=this.tsTryParseTypeAnnotation();return
n&&(e.typeAnnotation=n),this.tsParseTypeMemberSemicolon(),this.finishNode(e,"TSPropertySignature")}tsParse
TypeMember(){const e=this.startNode();if(this.match(o.parenL)||this.isRelational("<"))return
this.tsParseSignatureMember("TSCallSignatureDeclaration",e);if(this.match(o._new)){const
t=this.startNode();return
this.next(),this.match(o.parenL)||this.isRelational("<")?this.tsParseSignatureMember("TSConstructSignatureDeclara
tion",e):(e.key=this.createIdentifier(t,"new"),this.tsParsePropertyOrMethodSignature(e,!1))}this.tsParseModifiers(e,
["readonly"],["declare","abstract","private","protected","public","static","override"],pe.InvalidModifierOnTypeMem
ber);const t=this.tsTryParseIndexSignature(e);return
t||(this.parsePropertyName(e,!1),e.computed||"Identifier"!==e.key.type||"get"!==e.key.name&&"set"!==e.key.name||
!this.tsTokenCanFollowModifier()||(e.kind=e.key.name,this.parsePropertyName(e,!1)),this.tsParsePropertyOrMetho
dSignature(e,!e.readonly))}tsParseTypeLiteral(){const e=this.startNode();return

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e.members=this.tsParseObjectTypeMembers(),this.finishNode(e,"TSTypeLiteral")}tsParseObjectTypeMembers(){t
his.expect(o.braceL);const e=this.tsParseList("TypeMembers",this.tsParseTypeMember.bind(this));return
this.expect(o.braceR),e}tsIsStartOfMappedType(){return
this.next(),this.eat(o.plusMin)?this.isContextual("readonly"):(this.isContextual("readonly")&&this.next(),!this.mat
h(o.bracketL)&&(this.next(),!this.tsIsIdentifier())&&(this.next(),this.match(o._in))))}tsParseMappedTypeParameter
(){const e=this.startNode();return
e.name=this.parseIdentifierName(e.start),e.constraint=this.tsExpectThenParseType(o._in),this.finishNode(e,"TSTyp
eParameter")}tsParseMappedType(){const e=this.startNode();return
this.expect(o.braceL),this.match(o.plusMin)?(e.readonly=this.state.value,this.next(),this.expectContextual("readonly
")):this.eatContextual("readonly")&&(e.readonly=!0),this.expect(o.bracketL),e.typeParameter=this.tsParseMappedT
ypeParameter(),e.nameType=this.eatContextual("as"?this.tsParseType():null,this.expect(o.bracketR),this.match(o.p
lusMin)?(e.optional=this.state.value,this.next(),this.expect(o.question)):this.eat(o.question)&&(e.optional=!0),e.type
Annotation=this.tsTryParseType(),this.semicolon(),this.expect(o.braceR),this.finishNode(e,"TSMappedType")}tsPa
rseTupleType(){const
e=this.startNode();e.elementTypes=this.tsParseBracketedList("TupleElementTypes",this.tsParseTupleElementType.
bind(this),!0,!1);let t=!1,r=null;return e.elementTypes.forEach(e=>{var
n;let{type:i}=e;!t||"TSRestType"===i||"TSOptionalType"===i||"TSNamedTupleMember"===i&&e.optional||this.rai
se(e.start,pe.OptionalTypeBeforeRequired),t=t||"TSNamedTupleMember"===i&&e.optional||"TSOptionalType"===
i,"TSRestType"===i&&(i=(e=e.typeAnnotation).type);const
s="TSNamedTupleMember"===i;r=null!==(n=r)?n:s,r!==(s&&this.raise(e.start,pe.MixedLabeledAndUnlabeledElem
ents))},this.finishNode(e,"TSTupleType")}tsParseTupleElementType(){const{start:e,startLoc:t}=this.state,r=this.eat
(o.ellipsis);let n=this.tsParseType();const i=this.eat(o.question);if(this.eat(o.colon)){const
e=this.startNodeAtNode(n);e.optional=i,"TSTypeReference"!==n.type||n.typeParameters||"Identifier"!==n.typeNam
e.type?(this.raise(n.start,pe.InvalidTupleMemberLabel),e.label=n):e.label=n.typeName,e.elementType=this.tsParseT
ype(),n=this.finishNode(e,"TSNamedTupleMember")}else if(i){const
e=this.startNodeAtNode(n);e.typeAnnotation=n,n=this.finishNode(e,"TSOptionalType")}if(r){const
r=this.startNodeAt(e,t);r.typeAnnotation=n,n=this.finishNode(r,"TSRestType")}return
n}tsParseParenthesizedType(){const e=this.startNode();return
this.expect(o.parenL),e.typeAnnotation=this.tsParseType(),this.expect(o.parenR),this.finishNode(e,"TSParenthesize
dType")}tsParseFunctionOrConstructorType(e,t){const
r=this.startNode();return"TSConstructorType"===e&&(r.abstract=!t,t&&this.next(),this.next()),this.tsFillSignature(
o.arrow,r),this.finishNode(r,e)}tsParseLiteralTypeNode(){const e=this.startNode();return
e.literal=(()=>>{switch(this.state.type){case o.num:case o.bigint:case o.string:case o._true:case o._false:return
this.parseExprAtom();default:throw
this.unexpected()}})(this.finishNode(e,"TSLiteralType")}tsParseTemplateLiteralType(){const
e=this.startNode();return
e.literal=this.parseTemplate(!1),this.finishNode(e,"TSLiteralType")}parseTemplateSubstitution(){return
this.state.inType?this.tsParseType():super.parseTemplateSubstitution()}tsParseThisTypeOrThisTypePredicate(){con
st e=this.tsParseThisTypeNode();return
this.isContextual("is")&&!this.hasPrecedingLineBreak()?this.tsParseThisTypePredicate(e):e}tsParseNonArrayType
(){switch(this.state.type){case o.name:case o._void:case o._null:{const
e=this.match(o._void)?"TSVoidKeyword":this.match(o._null)?"TSNullKeyword":function(e){switch(e){case"any":r
eturn"TSAnyKeyword";case"boolean":return"TSBooleanKeyword";case"bigint":return"TSBigIntKeyword";case"ne
ver":return"TSNeverKeyword";case"number":return"TSNumberKeyword";case"object":return"TSObjectKeyword";
case"string":return"TSStringKeyword";case"symbol":return"TSSymbolKeyword";case"undefined":return"TSUndefi
nedKeyword";case"unknown":return"TSUnknownKeyword";default:return}}(this.state.value);if(void
0!==(e&&46)!==(this.lookaheadCharCode())){const t=this.startNode();return this.next(),this.finishNode(t,e)}return
this.tsParseTypeReference()}case o.string:case o.num:case o.bigint:case o._true:case o._false:return

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this.tsParseLiteralTypeNode();case o.plusMin;if("-"===this.state.value){ const
e=this.startNode(),t=this.lookahead();if(t.type!==o.num&&t.type!==o.bigint)throw this.unexpected();return
e.literal=this.parseMaybeUnary(),this.finishNode(e,"TSLiteralType")}break;case o._this:return
this.tsParseThisTypeOrThisTypePredicate();case o._typeof:return this.tsParseTypeQuery();case o._import:return
this.tsParseImportType();case o.braceL:return
this.tsLookAhead(this.tsIsStartOfMappedType.bind(this))?this.tsParseMappedType():this.tsParseTypeLiteral();case
o.bracketL:return this.tsParseTupleType();case o.parenL:return this.tsParseParenthesizedType();case
o.backQuote:return this.tsParseTemplateLiteralType()}throw this.unexpected()}tsParseArrayTypeOrHigher(){ let
e=this.tsParseNonArrayType();for(;!this.hasPrecedingLineBreak()&&this.eat(o.bracketL);)if(this.match(o.bracketR)
){ const
t=this.startNodeAtNode(e);t.elementType=e,this.expect(o.bracketR),e=this.finishNode(t,"TSArrayType")}else{ cons
t
t=this.startNodeAtNode(e);t.objectType=e,t.indexType=this.tsParseType(),this.expect(o.bracketR),e=this.finishNode
e(t,"TSIndexedAccessType")}return e}tsParseTypeOperator(e){ const t=this.startNode();return
this.expectContextual(e),t.operator=e,t.typeAnnotation=this.tsParseTypeOperatorOrHigher(),"readonly"===e&&this
s.tsCheckTypeAnnotationForReadOnly(t),this.finishNode(t,"TSTypeOperator")}tsCheckTypeAnnotationForReadOnly
only(e){ switch(e.typeAnnotation.type){ case "TSTupleType":case "TSArrayType":return;default:this.raise(e.start,pe.U
nexpectedReadOnly)} }tsParseInferType(){ const e=this.startNode();this.expectContextual("infer");const
t=this.startNode();return
t.name=this.parseIdentifierName(t.start),e.typeParameter=this.finishNode(t,"TSTypeParameter"),this.finishNode(e,"
TSInferType")}tsParseTypeOperatorOrHigher(){ const
e=["keyof","unique","readonly"].find(e=>this.isContextual(e));return
e?this.tsParseTypeOperator(e):this.isContextual("infer"?this.tsParseInferType():this.tsParseArrayTypeOrHigher())t
sParseUnionOrIntersectionType(e,t,r){ const
n=this.startNode(),i=this.eat(r),s=[];do{s.push(t())}while(this.eat(r));return
1!==s.length||i?(n.types=s,this.finishNode(n,e)):s[0]}tsParseIntersectionTypeOrHigher(){ return
this.tsParseUnionOrIntersectionType("TSIntersectionType",this.tsParseTypeOperatorOrHigher.bind(this),o.bitwise
AND)}tsParseUnionTypeOrHigher(){ return
this.tsParseUnionOrIntersectionType("TSUnionType",this.tsParseIntersectionTypeOrHigher.bind(this),o.bitwiseOR
)}tsIsStartOfFunctionType(){ return!!this.isRelational("<")||this.match(o.parenL)&&this.tsLookAhead(this.tsIsUnam
biguouslyStartOfFunctionType.bind(this))}tsSkipParameterStart(){if(this.match(o.name)||this.match(o._this))return
this.next(),!0;if(this.match(o.braceL)){ let
e=1;for(this.next();e>0;)this.match(o.braceL)?++e:this.match(o.braceR)&&--
e,this.next();return!0}if(this.match(o.bracketL)){ let
e=1;for(this.next();e>0;)this.match(o.bracketL)?++e:this.match(o.bracketR)&&--
e,this.next();return!0}return!1}tsIsUnambiguouslyStartOfFunctionType(){if(this.next(),this.match(o.parenR)||this.m
atch(o.ellipsis))return!0;if(this.tsSkipParameterStart()){if(this.match(o.colon)||this.match(o.comma)||this.match(o.qu
estion)||this.match(o.eq))return!0;if(this.match(o.parenR)&&(this.next(),this.match(o.arrow)))return!0}return!1}tsPa
rseTypeOrTypePredicateAnnotation(e){return this.tsInType(=>{const t=this.startNode();this.expect(e);const
r=this.startNode(),n=!this.tsTryParse(this.tsParseTypePredicateAsserts.bind(this));if(n&&this.match(o._this)){ let
e=this.tsParseThisTypeOrThisTypePredicate();return"TSThisType"===e.type?(r.parameterName=e,r.asserts=!0,e=t
his.finishNode(r,"TSTypePredicate")):(this.resetStartLocationFromNode(e,r),e.asserts=!0),t.typeAnnotation=e,this.fi
nishNode(t,"TSTypeAnnotation")}const
i=this.tsIsIdentifier()&&this.tsTryParse(this.tsParseTypePredicatePrefix.bind(this));if(!i)return
n?(r.parameterName=this.parseIdentifier(),r.asserts=n,t.typeAnnotation=this.finishNode(r,"TSTypePredicate"),this.f
inishNode(t,"TSTypeAnnotation")):this.tsParseTypeAnnotation(!1,t);const s=this.tsParseTypeAnnotation(!1);return
r.parameterName=i,r.typeAnnotation=s,r.asserts=n,t.typeAnnotation=this.finishNode(r,"TSTypePredicate"),this.fini
shNode(t,"TSTypeAnnotation")} }tsTryParseTypeOrTypePredicateAnnotation(){ return

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this.match(o.colon)?this.tsParseTypeOrTypePredicateAnnotation(o.colon):void
0}tsTryParseTypeAnnotation(){return this.match(o.colon)?this.tsParseTypeAnnotation():void
0}tsTryParseType(){return this.tsEatThenParseType(o.colon)}tsParseTypePredicatePrefix(){const
e=this.parseIdentifier();if(this.isContextual("is")&&!this.hasPrecedingLineBreak())return
this.next(),e}tsParseTypePredicateAsserts(){if(!this.match(o.name)||"asserts"!==this.state.value||this.hasPrecedingLi
neBreak())return!1;const e=this.state.containsEsc;return
this.next(),!(!this.match(o.name)&&!this.match(o._this))&&(e&&this.raise(this.state.lastTokStart,T.InvalidEscaped
ReservedWord,"asserts"),!0)}tsParseTypeAnnotation(e=!0,t=this.startNode()){return
this.tsInType(=>{e&&this.expect(o.colon),t.typeAnnotation=this.tsParseType()}),this.finishNode(t,"TSTypeAnno
tation")}tsParseType(){ce(this.state.inType);const
e=this.tsParseNonConditionalType();if(this.hasPrecedingLineBreak()||!this.eat(o._extends))return e;const
t=this.startNodeAtNode(e);return
t.checkType=e,t.extendsType=this.tsParseNonConditionalType(),this.expect(o.question),t.trueType=this.tsParseTyp
e(),this.expect(o.colon),t.falseType=this.tsParseType(),this.finishNode(t,"TSConditionalType")}isAbstractConstruct
orSignature(){return
this.isContextual("abstract")&&this.lookahead().type===o._new}tsParseNonConditionalType(){return
this.tsIsStartOfFunctionType()?this.tsParseFunctionOrConstructorType("TSFunctionType"):this.match(o._new)?thi
s.tsParseFunctionOrConstructorType("TSConstructorType"):this.isAbstractConstructorSignature()?this.tsParseFunc
tionOrConstructorType("TSConstructorType",!0):this.tsParseUnionTypeOrHigher()}tsParseTypeAssertion(){const
e=this.startNode(),t=this.tsTryNextParseConstantContext();return
e.typeAnnotation=t||this.tsNextThenParseType(),this.expectRelational(">"),e.expression=this.parseMaybeUnary(),th
is.finishNode(e,"TSTypeAssertion")}tsParseHeritageClause(e){const
t=this.state.start,r=this.tsParseDelimitedList("HeritageClauseElement",this.tsParseExpressionWithTypeArguments.b
ind(this));return
r.length||this.raise(t,pe.EmptyHeritageClauseType,e),r}tsParseExpressionWithTypeArguments(){const
e=this.startNode();return
e.expression=this.tsParseEntityName(!1),this.isRelational("<")&&(e.typeParameters=this.tsParseTypeArguments()),
this.finishNode(e,"TSExpressionWithTypeArguments")}tsParseInterfaceDeclaration(e){e.id=this.parseIdentifier(),t
his.checkLVal(e.id,"typescript interface
declaration",130),e.typeParameters=this.tsTryParseTypeParameters(),this.eat(o._extends)&&(e.extends=this.tsParse
HeritageClause("extends"));const t=this.startNode();return
t.body=this.tsInType(this.tsParseObjectTypeMembers.bind(this)),e.body=this.finishNode(t,"TSInterfaceBody"),this.
finishNode(e,"TSInterfaceDeclaration")}tsParseTypeAliasDeclaration(e){return
e.id=this.parseIdentifier(),this.checkLVal(e.id,"typescript type
alias",2),e.typeParameters=this.tsTryParseTypeParameters(),e.typeAnnotation=this.tsInType(=>{if(this.expect(o.e
q),this.isContextual("intrinsic")&&this.lookahead().type!==o.dot){const e=this.startNode();return
this.next(),this.finishNode(e,"TSIntrinsicKeyword")}return
this.tsParseType()}),this.semicolon(),this.finishNode(e,"TSTypeAliasDeclaration")}tsInNoContext(e){const
t=this.state.context;this.state.context=[t[0]];try{return e()}finally{this.state.context=t}}tsInType(e){const
t=this.state.inType;this.state.inType=!0;try{return e()}finally{this.state.inType=t}}tsEatThenParseType(e){return
this.match(e)?this.tsNextThenParseType():void 0}tsExpectThenParseType(e){return
this.tsDoThenParseType(=>this.expect(e))}tsNextThenParseType(){return
this.tsDoThenParseType(=>this.next())}tsDoThenParseType(e){return
this.tsInType(=>(e(),this.tsParseType()))}tsParseEnumMember(){const e=this.startNode();return
e.id=this.match(o.string)?this.parseExprAtom():this.parseIdentifier(!0),this.eat(o.eq)&&(e.initializer=this.parseMay
beAssignAllowIn()),this.finishNode(e,"TSEnumMember")}tsParseEnumDeclaration(e,t){return
t&&(e.const=!0),e.id=this.parseIdentifier(),this.checkLVal(e.id,"typescript enum
declaration",t?779:267),this.expect(o.braceL),e.members=this.tsParseDelimitedList("EnumMembers",this.tsParseEn

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umMember.bind(this)),this.expect(o.braceR),this.finishNode(e,"TSEnumDeclaration"))tsParseModuleBlock(){const
e=this.startNode();return
this.scope.enter(0),this.expect(o.braceL),this.parseBlockOrModuleBlockBody(e.body=[],void
0,!0,o.braceR),this.scope.exit(),this.finishNode(e,"TSMModuleBlock")}tsParseModuleOrNamespaceDeclaration(e,t=!
1){if(e.id=this.parseIdentifier(),t||this.checkLVal(e.id,"module or namespace
declaration",1024),this.eat(o.dot)){const
t=this.startNode();this.tsParseModuleOrNamespaceDeclaration(t,!0),e.body=t}else
this.scope.enter(256),this.prodParam.enter(0),e.body=this.tsParseModuleBlock(),this.prodParam.exit(),this.scope.exi
t();return this.finishNode(e,"TSMModuleDeclaration")}tsParseAmbientExternalModuleDeclaration(e){return
this.isContextual("global")?(e.global=!0,e.id=this.parseIdentifier()):this.match(o.string)?e.id=this.parseExprAtom():t
his.unexpected(),this.match(o.braceL)?(this.scope.enter(256),this.prodParam.enter(0),e.body=this.tsParseModuleBlo
ck(),this.prodParam.exit(),this.scope.exit()):this.semicolon(),this.finishNode(e,"TSMModuleDeclaration")}tsParseImp
ortEqualsDeclaration(e,t){e.isExport=t||!1,e.id=this.parseIdentifier(),this.checkLVal(e.id,"import equals
declaration",9),this.expect(o.eq);const
r=this.tsParseModuleReference();return"type"===e.importKind&&"TSExternalModuleReference"!==r.type&&this.
raise(r.start,pe.ImportAliasHasImportType),e.moduleReference=r,this.semicolon(),this.finishNode(e,"TSImportEqu
alsDeclaration")}tsIsExternalModuleReference(){return
this.isContextual("require")&&40===this.lookaheadCharCode()}tsParseModuleReference(){return
this.tsIsExternalModuleReference()?this.tsParseExternalModuleReference():this.tsParseEntityName(!1)}tsParseExte
rnalModuleReference(){const
e=this.startNode();if(this.expectContextual("require"),this.expect(o.parenL,!this.match(o.string))throw
this.unexpected();return
e.expression=this.parseExprAtom(),this.expect(o.parenR),this.finishNode(e,"TSExternalModuleReference")}tsLook
Ahead(e){const t=this.state.clone(),r=e();return this.state=t,r}tsTryParseAndCatch(e){const
t=this.tryParse(t=>e)||t();if(!t.aborted&&t.node)return t.error&&(this.state=t.failState),t.node}tsTryParse(e){const
t=this.state.clone(),r=e();return void
0!==(r&&!1!==(r?:void(this.state=t))}tsTryParseDeclare(e){if(this.isLineTerminator())return;let
t,r=this.state.type;return this.isContextual("let")&&(r=o._var,t="let"),this.tsInAmbientContext(=>{switch(r){case
o._function:return e.declare=!0,this.parseFunctionStatement(e,!1,!0);case o._class:return
e.declare=!0,this.parseClass(e,!0,!1);case
o._const;if(this.match(o._const)&&this.isLookaheadContextual("enum"))return
this.expect(o._const),this.expectContextual("enum"),this.tsParseEnumDeclaration(e,!0);case o._var:return
t=t||this.state.value,this.parseVarStatement(e,t);case o.name:{const
t=this.state.value;return"global"===t?this.tsParseAmbientExternalModuleDeclaration(e):this.tsParseDeclaration(e,t,
!0)}})}tsTryParseExportDeclaration(){return
this.tsParseDeclaration(this.startNode(),this.state.value,!0)}tsParseExpressionStatement(e,t){switch(t.name){case"de
clare":{const t=this.tsTryParseDeclare(e);if(t)return
t.declare=!0,t;break}case"global":if(this.match(o.braceL)){this.scope.enter(256),this.prodParam.enter(0);const
r=e;return
r.global=!0,r.id=t,r.body=this.tsParseModuleBlock(),this.scope.exit(),this.prodParam.exit(),this.finishNode(r,"TSMo
duleDeclaration")}break;default:return
this.tsParseDeclaration(e,t.name,!1)}tsParseDeclaration(e,t,r){switch(t){case"abstract":if(this.tsCheckLineTermina
tor(r)&&(this.match(o._class)||this.match(o.name)))return
this.tsParseAbstractDeclaration(e);break;case"enum":if(r||this.match(o.name))return
r&&this.next(),this.tsParseEnumDeclaration(e,!1);break;case"interface":if(this.tsCheckLineTerminator(r)&&this.ma
tch(o.name))return
this.tsParseInterfaceDeclaration(e);break;case"module":if(this.tsCheckLineTerminator(r))if(this.match(o.string))ret
urn this.tsParseAmbientExternalModuleDeclaration(e);if(this.match(o.name))return

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this.tsParseModuleOrNamespaceDeclaration(e)}break;case"namespace":if(this.tsCheckLineTerminator(r)&&this.m
atch(o.name))return
this.tsParseModuleOrNamespaceDeclaration(e);break;case"type":if(this.tsCheckLineTerminator(r)&&this.match(o.
name))return this.tsParseTypeAliasDeclaration(e)}tsCheckLineTerminator(e){return
e?!this.hasFollowingLineBreak()&&(this.next(),!0):!this.isLineTerminator()}tsTryParseGenericAsyncArrowFunction
n(e,t){if(!this.isRelational("<"))return;const
r=this.state.maybeInArrowParameters;this.state.maybeInArrowParameters=!0;const
n=this.tsTryParseAndCatch(()=>{const r=this.startNodeAt(e,t);return
r.typeParameters=this.tsParseTypeParameters(),super.parseFunctionParams(r),r.returnType=this.tsTryParseTypeOr
TypePredicateAnnotation(),this.expect(o.arrow),r});return
this.state.maybeInArrowParameters=r,n?this.parseArrowExpression(n,null,!0):void
0}tsParseTypeArguments(){const e=this.startNode();return
e.params=this.tsInType(()=>this.tsInNoContext(()=>(this.expectRelational("<"),this.tsParseDelimitedList("TypePar
ametersOrArguments",this.tsParseType.bind(this))))),0===e.params.length&&this.raise(e.start,pe.EmptyTypeArgu
ments),this.state.exprAllowed=!1,this.expectRelational(">"),this.finishNode(e,"TSTypeParameterInstantiation")}tsIs
DeclarationStart(){if(this.match(o.name))switch(this.state.value){case"abstract":case"declare":case"enum":case"inte
rface":case"module":case"namespace":case"type":return!0}return!1}isExportDefaultSpecifier(){return!this.tsIsDecl
arationStart()&&super.isExportDefaultSpecifier()}parseAssignableListItem(e,t){const
r=this.state.start,n=this.state.startLoc;let i,s=!1;void
0!==(e&&(i=this.parseAccessModifier(),s=!this.tsParseModifier(["readonly"]),!1===e&&(i||s)&&this.raise(r,pe.Un
expectedParameterModifier));const a=this.parseMaybeDefault();this.parseAssignableListItemTypes(a);const
o=this.parseMaybeDefault(a.start,a.loc.start,a);if(i||s){const e=this.startNodeAt(r,n);return
t.length&&(e.decorators=t),i&&(e.accessibility=i),s&&(e.readonly=s),"Identifier"!==o.type&&"AssignmentPattern
"!==o.type&&this.raise(e.start,pe.UnsupportedParameterPropertyKind),e.parameter=o,this.finishNode(e,"TSParamete
rProperty")}return
t.length&&(a.decorators=t),o}parseFunctionBodyAndFinish(e,t,r=!1){this.match(o.colon)&&(e.returnType=this.tsP
arseTypeOrTypePredicateAnnotation(o.colon));const
n="FunctionDeclaration"===t?"TSDeclareFunction":"ClassMethod"===t?"TSDeclareMethod":void
0;n&&!this.match(o.braceL)&&this.isLineTerminator()?this.finishNode(e,n):"TSDeclareFunction"===n&&this.stat
e.isAmbientContext&&(this.raise(e.start,pe.DeclareFunctionHasImplementation),e.declare)?super.parseFunctionBo
dyAndFinish(e,n,r):super.parseFunctionBodyAndFinish(e,t,r)}registerFunctionStatementId(e){!e.body&&e.id?this.c
heckLVal(e.id,"function
name",1024):super.registerFunctionStatementId(...arguments)}tsCheckForInvalidTypeCasts(e){e.forEach(e=>{"TS
TypeCastExpression"===e?(null===e?void
0:e.type)&&this.raise(e.typeAnnotation.start,pe.UnexpectedTypeAnnotation))}toReferencedList(e,t){return
this.tsCheckForInvalidTypeCasts(e),e}parseArrayLike(...e){const
t=super.parseArrayLike(...e);return"ArrayExpression"===t.type&&this.tsCheckForInvalidTypeCasts(t.elements),t}p
arseSubscript(e,t,r,n,i){if(!this.hasPrecedingLineBreak()&&this.match(o.bang)){this.state.exprAllowed=!1,this.next
();const n=this.startNodeAt(t,r);return
n.expression=e,this.finishNode(n,"TSNonNullExpression")}if(this.isRelational("<")){const
s=this.tsTryParseAndCatch(()=>{if(!n&&this.atPossibleAsyncArrow(e)){const
e=this.tsTryParseGenericAsyncArrowFunction(t,r);if(e)return e}const s=this.startNodeAt(t,r);s.callee=e;const
a=this.tsParseTypeArguments();if(a){if(!n&&this.eat(o.parenL))return
s.arguments=this.parseCallExpressionArguments(o.parenR,!1),this.tsCheckForInvalidTypeCasts(s.arguments),s.typ
eParameters=a,i.optionalChainMember&&(s.optional=!1),this.finishCallExpression(s,i.optionalChainMember);if(thi
s.s.match(o.backQuote)){const n=this.parseTaggedTemplateExpression(e,t,r,i);return
n.typeParameters=a,n}}this.unexpected());if(s)return s}return
super.parseSubscript(e,t,r,n,i)}parseNewArguments(e){if(this.isRelational("<")){const

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t=this.tsTryParseAndCatch(=>{const e=this.tsParseTypeArguments();return
this.match(o.parenL)||this.unexpected(),e);t&&(e.typeParameters=t)}super.parseNewArguments(e)}parseExprOp(e
,t,r,n){if(!e(o._in.binop)>n&&!this.hasPrecedingLineBreak()&&this.isContextual("as")){const
i=this.startNodeAt(t,r);i.expression=e;const s=this.tsTryNextParseConstantContext();return
i.typeAnnotation=s||this.tsNextThenParseType(),this.finishNode(i,"TSAsExpression"),this.reScan_lt_gt(),this.parse
ExprOp(i,t,r,n)}return
super.parseExprOp(e,t,r,n)}checkReservedWord(e,t,r,n){}checkDuplicateExports(){}parseImport(e){if(e.importKind="value",this.match(o.name)||this.match(o.star)||this.match(o.braceL))}let
t=this.lookahead();if(!this.isContextual("type")||t.type===o.comma||t.type===o.name&&"from"===t.value||t.type===o.eq||e.importKind="type",this.next(),t=this.lookahead(),this.match(o.name)&&t.type===o.eq)return
this.tsParseImportEqualsDeclaration(e)}const
t=super.parseImport(e);return"type"===t.importKind&&t.specifiers.length>1&&"ImportDefaultSpecifier"===t.specifiers[0].type&&this.raise(t.start,pe.TypeImportCannotSpecifyDefaultAndNamed,t)}parseExport(e){if(this.match(o._import))return
this.next(),this.isContextual("type")&&61!===this.lookaheadCharCode()?(e.importKind="type",this.next()):e.importKind="value",this.tsParseImportEqualsDeclaration(e,!0);if(this.eat(o.eq)){const t=e;return
t.expression=this.parseExpression(),this.semicolon(),this.finishNode(t,"TSExportAssignment")}if(this.eatContextual("as")){const t=e;return
this.expectContextual("namespace"),t.id=this.parseIdentifier(),this.semicolon(),this.finishNode(t,"TSNamespaceExportDeclaration")}return
this.isContextual("type")&&this.lookahead().type===o.braceL?(this.next(),e.exportKind="type"):e.exportKind="value",super.parseExport(e)}isAbstractClass(){return
this.isContextual("abstract")&&this.lookahead().type===o._class}parseExportDefaultExpression(){if(this.isAbstractClass()){const e=this.startNode();return
this.next(),e.abstract=!0,this.parseClass(e,!0,!0),e}if("interface"===this.state.value){const
e=this.tsParseDeclaration(this.startNode(),this.state.value,!0);if(e)return e}return
super.parseExportDefaultExpression()}parseStatementContent(e,t){if(this.state.type===o._const){const
e=this.lookahead();if(e.type===o.name&&"enum"===e.value){const e=this.startNode();return
this.expect(o._const),this.expectContextual("enum"),this.tsParseEnumDeclaration(e,!0)}return
super.parseStatementContent(e,t)}parseAccessModifier(){return
this.tsParseModifier(["public","protected","private"])}tsHasSomeModifiers(e,t){return
t.some(t=>ue(t)?e.accessibility===t:!e[t])}parseClassMember(e,t,r){const
n=["declare","private","public","protected","override","abstract","readonly"];this.tsParseModifiers(t,n.concat(["static"]));const i=()=>{const
i=!t.static;i&&this.eat(o.braceL)?(this.tsHasSomeModifiers(t,n)&&this.raise(this.state.pos,pe.StaticBlockCannotHaveModifier),this.parseClassStaticBlock(e,t)):this.parseClassMemberWithIsStatic(e,t,r,i)};t.declare?this.tsInAmbientContext(i:i)}parseClassMemberWithIsStatic(e,t,r,n){const i=this.tsTryParseIndexSignature(t);if(i)return
e.body.push(i),t.abstract&&this.raise(t.start,pe.IndexSignatureHasAbstract),t.accessibility&&this.raise(t.start,pe.IndexSignatureHasAccessibility,t.accessibility),t.declare&&this.raise(t.start,pe.IndexSignatureHasDeclare),void(t.override&&this.raise(t.start,pe.IndexSignatureHasOverride));!this.state.inAbstractClass&&t.abstract&&this.raise(t.start,pe.NonAbstractClassHasAbstractMethod),t.override&&(r.hadSuperClass||this.raise(t.start,pe.OverrideNotInSubClass)),super.parseClassMemberWithIsStatic(e,t,r,n)}parsePostMemberNameModifiers(e){this.eat(o.question)&&(e.optional=!0),e.readonly&&this.match(o.parenL)&&this.raise(e.start,pe.ClassMethodHasReadonly),e.declare&&this.match(o.parenL)&&this.raise(e.start,pe.ClassMethodHasDeclare)}parseExpressionStatement(e,t){return("Identifier"===t.type?this.tsParseExpressionStatement(e,t):void
0)||super.parseExpressionStatement(e,t)}shouldParseExportDeclaration(){return!this.tsIsDeclarationStart()||super.shouldParseExportDeclaration()}parseConditional(e,t,r,n){if(!n||!this.match(o.question))return
super.parseConditional(e,t,r,n);const i=this.tryParse(=>super.parseConditional(e,t,r));return

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i.node?(i.error&&(this.state=i.failState),i.node):(n.start=i.error.pos||this.state.start,e) }parseParenItem(e,t,r){ if(e=super.parseParenItem(e,t,r),this.eat(o.question)&&(e.optional=!0,this.resetEndLocation(e)),this.match(o.colon)){ const n=this.startNodeAt(t,r);return n.expression=e,n.typeAnnotation=this.tsParseTypeAnnotation(),this.finishNode(n,"TSTypeCastExpression")}return e }parseExportDeclaration(e){ const t=this.state.start,r=this.state.startLoc,n=this.eatContextual("declare");if(n&&(this.isContextual("declare")||!this.shouldParseExportDeclaration()))throw this.raise(this.state.start,pe.ExpectedAmbientAfterExportDeclare);let i;return this.match(o.name)&&(i=this.tsTryParseExportDeclaration()),i||(i=super.parseExportDeclaration(e)),i&&("TSInterfaceDeclaration"===i.type||"TSTypeAliasDeclaration"===i.type||n)&&(e.exportKind="type"),i&&n&&(this.resetStartLocation(i,t,r),i.declare=!0,i) }parseClassId(e,t,r){ if(!t||r)&&this.isContextual("implements")}return;super.parseClassId(e,t,r,e.declare?1024:139);const n=this.tsTryParseTypeParameters();n&&(e.typeParameters=n) }parseClassPropertyAnnotation(e){ !e.optional&&this.eat(o.bang)&&(e.definite=!0);const t=this.tsTryParseTypeAnnotation();t&&(e.typeAnnotation=t) }parseClassProperty(e){ return this.parseClassPropertyAnnotation(e),this.state.isAmbientContext&&this.match(o.eq)&&this.raise(this.state.start,pe.DeclareClassFieldHasInitializer),super.parseClassProperty(e) }parseClassPrivateProperty(e){ return e.abstract&&this.raise(e.start,pe.PrivateElementHasAbstract),e.accessibility&&this.raise(e.start,pe.PrivateElementHasAccessibility,e.accessibility),this.parseClassPropertyAnnotation(e),super.parseClassPrivateProperty(e) }pushClassMethod(e,t,r,n,i,s){ const a=this.tsTryParseTypeParameters();a&&i&&this.raise(a.start,pe.ConstructorHasTypeParameters),!t.declare||"get"!==t.kind&&"set"!==t.kind||this.raise(t.start,pe.DeclareAccessor,t.kind),a&&(t.typeParameters=a),super.pushClassMethod(e,t,r,n,i,s) }pushClassPrivateMethod(e,t,r,n){ const i=this.tsTryParseTypeParameters();i&&(t.typeParameters=i),super.pushClassPrivateMethod(e,t,r,n) }parseClassSuper(e){ super.parseClassSuper(e),e.superClass&&this.isRelational("<")&&(e.superTypeParameters=this.tsParseTypeArguments()),this.eatContextual("implements")&&(e.implements=this.tsParseHeritageClause("implements")) }parseObjPropValue(e,...t){ const r=this.tsTryParseTypeParameters();r&&(e.typeParameters=r),super.parseObjPropValue(e,...t) }parseFunctionParams(e,t){ const r=this.tsTryParseTypeParameters();r&&(e.typeParameters=r),super.parseFunctionParams(e,t) }parseVarId(e,t){ super.parseVarId(e,t),"Identifier"===e.id.type&&this.eat(o.bang)&&(e.definite=!0);const r=this.tsTryParseTypeAnnotation();r&&(e.id.typeAnnotation=r,this.resetEndLocation(e.id)) }parseAsyncArrowFromCallExpression(e,t){ return this.match(o.colon)&&(e.returnType=this.tsParseTypeAnnotation()),super.parseAsyncArrowFromCallExpression(e,t) }parseMaybeAssign(...e){ var t,r,n,i,s,a,l;let c,p,u,d;if(this.hasPlugin("jsx")&&(this.match(o.jsxTagStart)||this.isRelational("<"))){ if(c=this.state.clone(),p=this.tryParse(=>super.parseMaybeAssign(...e),c),!p.error)return p.node;const { context:t }=this.state;t[t.length-1]===x.j_oTag?t.length-=2:t[t.length-1]===x.j_expr&&(t.length-=1)}if(!(null!=(t=p)&&t.error||this.isRelational("<"))return super.parseMaybeAssign(...e);c=c||this.state.clone();const h=this.tryParse(t=>{ var r,n;d=this.tsParseTypeParameters();const i=super.parseMaybeAssign(...e);return("ArrowFunctionExpression"!==i.type||null!=(r=i.extra)&&r.parenthesized)&&t(),0!==(null==(n=d)?void 0:n.params.length)&&this.resetStartLocationFromNode(i,d),i.typeParameters=d,i },c);if(!h.error&&!h.aborted)return h.node;if(!p&&(ce(!this.hasPlugin("jsx")),u=this.tryParse(=>super.parseMaybeAssign(...e),c),!u.error))return u.node;if(null!=(r=p)&&r.node)return this.state=p.failState,p.node;if(h.node)return this.state=h.failState,h.node;if(null!=(n=u)&&n.node)return this.state=u.failState,u.node;if(null!=(i=p)&&i.thrown)throw p.error;if(h.thrown)throw h.error;if(null!=(s=u)&&s.thrown)throw u.error;throw(null==(a=p)?void 0:a.error)||h.error||(null==(l=u)?void

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0:l.error)}parseMaybeUnary(e){return!this.hasPlugin("jsx")&&this.isRelational("<")?this.tsParseTypeAssertion():super.parseMaybeUnary(e)}parseArrow(e){if(this.match(o.colon)){const t=this.tryParse(e=>{const t=this.tsParseTypeOrTypePredicateAnnotation(o.colon);return!this.canInsertSemicolon()&&this.match(o.arrow)||e),t);if(t.aborted)return;t.thrown||(t.error&&(this.state=t.failState),e.returnType=t.node)}return super.parseArrow(e)}parseAssignableListItemTypes(e){this.eat(o.question)&&("Identifier"===e.type||this.state.isAmbientContext||this.state.inType||this.raise(e.start,pe.PatternIsOptional),e.optional=!0);const t=this.tsTryParseTypeAnnotation();return t&&(e.typeAnnotation=t),this.resetEndLocation(e,e)}toAssignable(e,t=!1){switch(e.type){case"TSTypeCastExpression":return super.toAssignable(this.typeCastToParameter(e),t);case"TSParameterProperty":return super.toAssignable(e,t);case"ParenthesizedExpression":return this.toAssignableParenthesizedExpression(e,t);case"TSAsExpression":case"TSNonNullExpression":case"TSTypeAssertion":return e.expression=this.toAssignable(e.expression,t),e;default:return super.toAssignable(e,t)}toAssignableParenthesizedExpression(e,t){switch(e.expression.type){case"TSAsExpression":case"TSNonNullExpression":case"TSTypeAssertion":case"ParenthesizedExpression":return e.expression=this.toAssignable(e.expression,t),e;default:return super.toAssignable(e,t)}checkLVal(e,t,...r){var n;switch(e.type){case"TSTypeCastExpression":return;case"TSParameterProperty":return void this.checkLVal(e.parameter,"parameter property",...r);case"TSAsExpression":case"TSTypeAssertion":if(!r[0]||"parenthesized expression"===t||null!=(n=e.extra)&&n.parenthesized)){this.raise(e.start,T.InvalidLhs,t);break}return void this.checkLVal(e.expression,"parenthesized expression",...r);case"TSNonNullExpression":return void this.checkLVal(e.expression,t,...r);default:return void super.checkLVal(e,t,...r)}parseBindingAtom(){switch(this.state.type){case o._this:return this.parseIdentifier(!0);default:return super.parseBindingAtom()}parseMaybeDecoratorArguments(e){if(this.isRelational("<")){const t=this.tsParseTypeArguments();if(this.match(o.parenL)){const r=super.parseMaybeDecoratorArguments(e);return r.typeParameters=t,r}this.unexpected(this.state.start,o.parenL)}return super.parseMaybeDecoratorArguments(e)}checkCommaAfterRest(e){this.state.isAmbientContext&&this.match(o.comma)&&this.lookaheadCharCode()===e?this.next():super.checkCommaAfterRest(e)}isClassMethod(){return this.isRelational("<")||super.isClassMethod()}isClassProperty(){return this.match(o.bang)||this.match(o.colon)||super.isClassProperty()}parseMaybeDefault(...e){const t=super.parseMaybeDefault(...e);return"AssignmentPattern"===t.type&&t.typeAnnotation&&t.right.start<t.typeAnnotation.start&&this.raise(t.typeAnnotation.start,pe.TypeAnnotationAfterAssign),t}getTokenFromCode(e){return!this.state.inType||62!==e&&60!==e?super.getTokenFromCode(e):this.finishOp(o.relational,1)}reScan_lt_gt(){if(this.match(o.relational)){const e=this.input.charCodeAtAt(this.state.start);60!==e&&62!==e||(this.state.pos-=1,this.readToken_lt_gt(e))}}toAssignableList(e){for(let t=0;t<e.length;t++){const r=e[t];if(r)switch(r.type){case"TSTypeCastExpression":e[t]=this.typeCastToParameter(r);break;case"TSAsExpression":case"TSTypeAssertion":this.state.maybeInArrowParameters?this.raise(r.start,pe.UnexpectedTypeCastInParameter):e[t]=this.typeCastToParameter(r)}return super.toAssignableList(...arguments)}typeCastToParameter(e){return e.expression.typeAnnotation=e.typeAnnotation,this.resetEndLocation(e.expression,e.typeAnnotation.end,e.typeAnnotation.loc.end),e.expression}shouldParseArrow(){return this.match(o.colon)||super.shouldParseArrow()}shouldParseAsyncArrow(){return this.match(o.colon)||super.shouldParseAsyncArrow()}canHaveLeadingDecorator(){return super.canHaveLeadingDecorator()}jsxParseOpeningElementAfterName(e){if(this.isRelational("<")){const t=this.tsTryParseAndCatch(=>this.tsParseTypeArguments());t&&(e.typeParameters=t)}return super.jsxParseOpeningElementAfterName(e)}getGetterSetterExpectedParamCount(e){const t=super.getGetterSetterExpectedParamCount(e),r=this.getObjectOrClassMethodParams(e)[0];return r&&this.isThisParam(r)?t+1:t}parseCatchClauseParam(){const e=super.parseCatchClauseParam(),t=this.tsTryParseTypeAnnotation();return

```

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t&&(e.typeAnnotation=t,this.resetEndLocation(e)),e }tsInAmbientContext(e){ const
t=this.state.isAmbientContext;this.state.isAmbientContext=!0;try {return
e()}finally {this.state.isAmbientContext=t} }parseClass(e,...t){ const
r=this.state.inAbstractClass;this.state.inAbstractClass=!e.abstract;try {return
super.parseClass(e,...t)}finally {this.state.inAbstractClass=r} }tsParseAbstractDeclaration(e){if(this.match(o._class))r
return e.abstract=!0,this.parseClass(e,!0,!1);if(this.isContextual("interface")){if(!this.hasFollowingLineBreak())return
e.abstract=!0,this.raise(e.start,pe.NonClassMethodPropertyHasAbstractModifer),this.next(),this.tsParseInterfaceDecl
aration(e)}else this.unexpected(null,o._class)}parseMethod(...e){ const
t=super.parseMethod(...e);if(t.abstract){if(this.hasPlugin("estree")?!t.value.body:!!t.body){const {key:e}=t;this.raise
(t.start,pe.AbstractMethodHasImplementation,"Identifier"===e.type?e.name:`[${this.input.slice(e.start,e.end)}]`)} }r
return t}shouldParseAsAmbientContext(){return!!this.getPluginOption("typescript","dts")}parse(){return
this.shouldParseAsAmbientContext()&&(this.state.isAmbientContext=!0),super.parse()}getExpression(){return
this.shouldParseAsAmbientContext()&&(this.state.isAmbientContext=!0),super.getExpression()}}v8intrinsic:e=>cl
ass extends e {parseV8Intrinsic(){if(this.match(o.modulo)){const
e=this.state.start,t=this.startNode();if(this.eat(o.modulo),this.match(o.name)){const
e=this.parseIdentifierName(this.state.start),r=this.createIdentifier(t,e);if(r.type="V8IntrinsicIdentifier",this.match(o.
parenL))return r}this.unexpected(e)} }parseExprAtom(){return
this.parseV8Intrinsic()||super.parseExprAtom(...arguments)}},placeholders:e=>class extends
e {parsePlaceholder(e){if(this.match(o.placeholder)){const t=this.startNode();return
this.next(),this.assertNoSpace("Unexpected space in
placeholder."),t.name=super.parseIdentifier(!0),this.assertNoSpace("Unexpected space in
placeholder."),this.expect(o.placeholder),this.finishPlaceholder(t,e)} }finishPlaceholder(e,t){const
r=(!e.expectedNode||"Placeholder"!==e.type);return
e.expectedNode=t,r?e:this.finishNode(e,"Placeholder")}getTokenFromCode(e){return
37===e&&37===this.input.charCodeAtAt(this.state.pos+1)?this.finishOp(o.placeholder,2):super.getTokenFromCode(
...arguments)}parseExprAtom(){return
this.parsePlaceholder("Expression")||super.parseExprAtom(...arguments)}parseIdentifier(){return
this.parsePlaceholder("Identifier")||super.parseIdentifier(...arguments)}checkReservedWord(e){void
0!==e&&super.checkReservedWord(...arguments)}parseBindingAtom(){return
this.parsePlaceholder("Pattern")||super.parseBindingAtom(...arguments)}checkLVal(e){"Placeholder"!==e.type&&s
uper.checkLVal(...arguments)}toAssignable(e){return
e&&"Placeholder"===e.type&&"Expression"===e.expectedNode?(e.expectedNode="Pattern",e):super.toAssignabl
e(...arguments)}isLet(e){if(super.isLet(e))return!0;if(!this.isContextual("let"))return!1;if(e)return!1;return
this.lookahead().type===o.placeholder}verifyBreakContinue(e){e.label&&"Placeholder"===e.label.type||super.veri
fyBreakContinue(...arguments)}parseExpressionStatement(e,t){if("Placeholder"!==t.type||t.extra&&t.extra.parenthe
sized)return super.parseExpressionStatement(...arguments);if(this.match(o.colon)){const r=e;return
r.label=this.finishPlaceholder(t,"Identifier"),this.next(),r.body=this.parseStatement("label"),this.finishNode(r,"Label
edStatement")}return this.semicolon(),e.name=t.name,this.finishPlaceholder(e,"Statement")}parseBlock(){return
this.parsePlaceholder("BlockStatement")||super.parseBlock(...arguments)}parseFunctionId(){return
this.parsePlaceholder("Identifier")||super.parseFunctionId(...arguments)}parseClass(e,t,r){const
n=t?"ClassDeclaration":"ClassExpression";this.next(),this.takeDecorators(e);const
i=this.state.strict,s=this.parsePlaceholder("Identifier");if(s)if(this.match(o._extends)||this.match(o.placeholder)||this.
match(o.braceL))e.id=s;else {if(r)!treturn
e.id=null,e.body=this.finishPlaceholder(s,"ClassBody"),this.finishNode(e,n);this.unexpected(null,de.ClassNameIsRe
quired)}else this.parseClassId(e,t,r);return
this.parseClassSuper(e),e.body=this.parsePlaceholder("ClassBody")||this.parseClassBody(!e.superClass,i),this.finis
hNode(e,n)}parseExport(e){const t=this.parsePlaceholder("Identifier");if(!t)return
super.parseExport(...arguments);if(!this.isContextual("from")&&!this.match(o.comma))return

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e.specifiers=[],e.source=null,e.declaration=this.finishPlaceholder(t,"Declaration"),this.finishNode(e,"ExportNamed
Declaration");this.expectPlugin("exportDefaultFrom");const r=this.startNode();return
r.exported=t,e.specifiers=[this.finishNode(r,"ExportDefaultSpecifier)],super.parseExport(e)}isExportDefaultSpecifi
er(){if(this.match(o._default)){const
e=this.nextTokenStart();if(this.isUnparsedContextual(e,"from")&&this.input.startsWith(o.placeholder.label,this.next
TokenStartSince(e+4)))return!0}return
super.isExportDefaultSpecifier()}maybeParseExportDefaultSpecifier(e){return!!(e.specifiers&&e.specifiers.length>
0)||super.maybeParseExportDefaultSpecifier(...arguments)}checkExport(e){const{specifiers:t}=e,null!=t&&t.length
&&(e.specifiers=t.filter(e=>"Placeholder"===e.exported.type)),super.checkExport(e),e.specifiers=t}parseImport(e){
const t=this.parsePlaceholder("Identifier");if(!t)return
super.parseImport(...arguments);if(e.specifiers=[],!this.isContextual("from")&&!this.match(o.comma))return
e.source=this.finishPlaceholder(t,"StringLiteral"),this.semicolon(),this.finishNode(e,"ImportDeclaration");const
r=this.startNodeAtNode(t);if(r.local=t,this.finishNode(r,"ImportDefaultSpecifier"),e.specifiers.push(r),this.eat(o.com
ma)){this.maybeParseStarImportSpecifier(e)||this.parseNamedImportSpecifiers(e)}return
this.expectContextual("from"),e.source=this.parseImportSource(),this.semicolon(),this.finishNode(e,"ImportDeclara
tion")}parseImportSource(){return
this.parsePlaceholder("StringLiteral")||super.parseImportSource(...arguments)}}},be=Object.keys(Te),ge={sourceTy
pe:"script",sourceFilename:void
0,startLine:1,allowAwaitOutsideFunction:!1,allowReturnOutsideFunction:!1,allowImportExportEverywhere:!1,allo
wSuperOutsideMethod:!1,allowUndeclaredExports:!1,plugins:[],strictMode:null,ranges:!1,tokens:!1,createParenthes
izedExpressions:!1,errorRecovery:!1};class Se{constructor(){this.strict=void 0,this.curLine=void
0,this.startLoc=void 0,this.endLoc=void 0,this.errors=[],this.potentialArrowAt=-
1,this.noArrowAt=[],this.noArrowParamsConversionAt=[],this.maybeInArrowParameters=!1,this.inPipeline=!1,this
.inType=!1,this.noAnonFunctionType=!1,this.inPropertyName=!1,this.hasFlowComment=!1,this.isAmbientContext
=!1,this.inAbstractClass=!1,this.topicContext={maxNumOfResolvableTopics:0,maxTopicIndex:null},this.soloAwait=!1,this.inFSharpPipelineDirectBody=!1,this.labels=[],this.decoratorStack=[[]],this.comments=[],this.trailingCom
ments=[],this.leadingComments=[],this.commentStack=[],this.commentPreviousNode=null,this.pos=0,this.lineStart
=0,this.type=o.eof,this.value=null,this.start=0,this.end=0,this.lastTokEndLoc=null,this.lastTokStartLoc=null,this.las
tTokStart=0,this.lastTokEnd=0,this.context=[x.braceStatement],this.exprAllowed=!0,this.containsEsc=!1,this.strictE
rrors=new
Map,this.exportedIdentifiers=[],this.tokensLength=0}init(e){this.strict=!1!==e.strictMode&&"module"===e.source
Type,this.curLine=e.startLine,this.startLoc=this.endLoc=this.curPosition()}curPosition(){return new
h(this.curLine,this.pos-this.lineStart)}clone(e){const t=new Se,r=Object.keys(this);for(let
n=0,i=r.length;n<i;n++){const i=r[n];let s=this[i];!e&&Array.isArray(s)&&(s=s.slice()),t[i]=s}return t}}var
xe=function(e){return e>=48&&e<=57};const Ee=new
Set(["g","m","s","i","y","u"]),Pe={decBinOct:[46,66,69,79,95,98,101,111],hex:[46,88,95,120]},ve={bin:[48,49];ve
.oct=[...ve.bin,50,51,52,53,54,55],ve.dec=[...ve.oct,56,57],ve.hex=[...ve.dec,65,66,67,68,69,70,97,98,99,100,101,102
];class Ae{constructor(e){this.type=e.type,this.value=e.value,this.start=e.start,this.end=e.end,this.loc=new
f(e.startLoc,e.endLoc)}}class we{constructor(){this.privateNames=new Set,this.loneAccessors=new
Map,this.undefinedPrivateNames=new Map}}class
Oe{constructor(e){this.stack=[],this.undefinedPrivateNames=new Map,this.raise=e}current(){return
this.stack[this.stack.length-1]}enter(){this.stack.push(new we)}exit(){const
e=this.stack.pop(),t=this.current();for(const[r,n]of
Array.from(e.undefinedPrivateNames))t.undefinedPrivateNames.has(r)||t.undefinedPrivateNames.set(r,n):this.raise
(n,T.InvalidPrivateFieldResolution,r)}declarePrivateName(e,t,r){const n=this.current();let
i=n.privateNames.has(e);if(3&t){const r=i&&n.loneAccessors.get(e);if(r){const
s=4&r,a=4&t;i=(3&r)===(3&t)||s!==a,i||n.loneAccessors.delete(e)}else
i||n.loneAccessors.set(e,t)}i&&this.raise(r,T.PrivateNameRedeclaration,e),n.privateNames.add(e),n.undefinedPrivat

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eNames.delete(e)}usePrivateName(e,t){let r;for(r of
this.stack)if(r.privateNames.has(e))return;r?r.undefin
edPrivateNames.set(e,t):this.raise(t,T.InvalidPrivateFieldResol
ution,e)} }class Ie{constructor(e=0){this.type=void 0,this.type=e}canBeArrowParameterDeclaration(){return
2===this.type||1===this.type}isCertainlyParameterDeclaration(){return 3===this.type} }class Ce extends
Ie{constructor(e){super(e),this.errors=new
Map}recordDeclarationError(e,t){this.errors.set(e,t)}clearDeclarationError(e){this.errors.delete(e)}iterateErrors(e){t
his.errors.forEach(e)} }class Ne{constructor(e){this.stack=[new
Ie],this.raise=e}enter(e){this.stack.push(e)}exit(){this.stack.pop()}recordParameterInitializerError(e,t){const{stack:r
}=this;let n=r.length-
1,i=r[n];for(;!i.isCertainlyParameterDeclaration();){if(!i.canBeArrowParameterDeclaration())return;i.recordDeclarat
ionError(e,t),i=r[--n]}this.raise(e,t)}recordParenthesizedIdentifierError(e,t){const{stack:r}=this,n=r[r.length-
1];if(n.isCertainlyParameterDeclaration())this.raise(e,t);else{if(!n.canBeArrowParameterDeclaration())return;n.recor
dDeclarationError(e,t)} }recordAsyncArrowParametersError(e,t){const{stack:r}=this;let n=r.length-
1,i=r[n];for(;i.canBeArrowParameterDeclaration();){2===i.type&&i.recordDeclarationError(e,t),i=r[--
n]}validateAsPattern(){const{stack:e}=this,t=e[e.length-
1];t.canBeArrowParameterDeclaration()&&t.iterateErrors((t,r)=>{this.raise(r,t);let n=e.length-
2,i=e[n];for(;i.canBeArrowParameterDeclaration();i.clearDeclarationError(r),i=e[--n])}} }function ke(){return new
Ie}class De{constructor(){this.shorthandAssign=-1,this.doubleProto=-1} }class _e{constructor(e,t,r){this.type=void
0,this.start=void 0,this.end=void 0,this.loc=void 0,this.range=void 0,this.leadingComments=void
0,this.trailingComments=void 0,this.innerComments=void 0,this.extra=void
0,this.type="",this.start=t,this.end=0,this.loc=new
f(r),null!=e&&e.options.ranges&&(this.range=[t,0]),null!=e&&e.filename&&(this.loc.filename=e.filename)}__clon
e(){const e=new _e,t=Object.keys(this);for(let r=0,n=t.length;r<n;r++){const
n=t[r];"leadingComments"!=n&&"trailingComments"!=n&&"innerComments"!=n&&(e[n]=this[n])}return
e} }const Le=e=>"ParenthesizedExpression"===e.type?Le(e.expression):e;const
Me={kind:"loop"},je={kind:"switch"},Fe=/[\uD800-\uFFFF]/u;class Re extends class extends class extends class
extends class extends class extends class extends class extends class extends class extends class extends class
class{constructor(){this.sawUnambiguousESM=!1,this.ambiguousScriptDifferentAst=!1}hasPlugin(e){return
this.plugins.has(e)}getPluginOption(e,t){if(this.hasPlugin(e))return
this.plugins.get(e)[t]} }addComment(e){this.filename&&(e.loc.filename=this.filename),this.state.trailingComments
.push(e),this.state.leadingComments.push(e)}adjustCommentsAfterTrailingComma(e,t,r){if(0===this.state.leadingC
omments.length)return;let n=null,i=t.length;for(;null===n&&i>0;)n=t[--i];if(null===n)return;for(let
e=0;e<this.state.leadingComments.length;e++)this.state.leadingComments[e].end<this.state.commentPreviousNode.
end&&(this.state.leadingComments.splice(e,1),e--);const s=[];for(let
t=0;t<this.state.leadingComments.length;t++){const
n=this.state.leadingComments[t];n.end<e.end?(s.push(n),r||(this.state.leadingComments.splice(t,1),t--):(void
0===e.trailingComments&&(e.trailingComments=[]),e.trailingComments.push(n))}r&&(this.state.leadingComment
s=[]),s.length>0?n.trailingComments=s:void
0!=n.trailingComments&&(n.trailingComments=[])}processComment(e){if("Program"===e.type&&e.body.length
>0)return;const t=this.state.commentStack;let
r,n,i,s,a;if(this.state.trailingComments.length>0)this.state.trailingComments[0].start>=e.end?(i=this.state.trailingCo
mments,this.state.trailingComments=[]):this.state.trailingComments.length=0;else if(t.length>0){const
r=m(t);r.trailingComments&&r.trailingComments[0].start>=e.end&&(i=r.trailingComments,delete
r.trailingComments)}for(t.length>0&&m(t).start>=e.start&&(r=t.pop());t.length>0&&m(t).start>=e.start;)n=t.pop();
if(!n&&r&&(n=r),r)switch(e.type){case"ObjectExpression":this.adjustCommentsAfterTrailingComma(e,e.propertie
s);break;case"ObjectPattern":this.adjustCommentsAfterTrailingComma(e,e.properties,!0);break;case"CallExpressio
n":this.adjustCommentsAfterTrailingComma(e,e.arguments);break;case"ArrayExpression":this.adjustCommentsAft
erTrailingComma(e,e.elements);break;case"ArrayPattern":this.adjustCommentsAfterTrailingComma(e,e.elements,!

```

```

0)}else
this.state.commentPreviousNode&&("ImportSpecifier"===this.state.commentPreviousNode.type&&"ImportSpecifi
er"!==e.type||"ExportSpecifier"===this.state.commentPreviousNode.type&&"ExportSpecifier"!==e.type)&&this.ad
justCommentsAfterTrailingComma(e,[this.state.commentPreviousNode]);if(n){if(n.leadingComments)if(n!==e&&n
.leadingComments.length>0&&m(n.leadingComments).end<=e.start)e.leadingComments=n.leadingComments,delet
e n.leadingComments;else for(s=n.leadingComments.length-2;s>=0;--
s)if(n.leadingComments[s].end<=e.start){e.leadingComments=n.leadingComments.splice(0,s+1);break } }else
if(this.state.leadingComments.length>0)if(m(this.state.leadingComments).end<=e.start){if(this.state.commentPr
eviousNode)for(a=0;a<this.state.leadingComments.length;a++)this.state.leadingComments[a].end<this.state.comme
ntPreviousNode.end&&(this.state.leadingComments.splice(a,1),a--
);this.state.leadingComments.length>0&&(e.leadingComments=this.state.leadingComments,this.state.leadingComm
ents=[])}else{for(s=0;s<this.state.leadingComments.length&&!(this.state.leadingComments[s].end>e.start);s++);co
nst
t=this.state.leadingComments.slice(0,s);t.length&&(e.leadingComments=t),i=this.state.leadingComments.slice(s,0=
==i.length&&(i=null)}if(this.state.commentPreviousNode=e,i)if(i.length&&i[0].start>=e.start&&(i).end<=e.end)e
.innerComments=i;else{const
t=i.findIndex(t=>t.end>=e.end);t>0?(e.innerComments=i.slice(0,t),e.trailingComments=i.slice(t)):e.trailingCommen
ts=i}t.push(e)} }getLocationForPosition(e){let t;return
t=e===this.state.start?this.state.startLoc:e===this.state.lastTokStart?this.state.lastTokStartLoc:e===this.state.end?th
is.state.endLoc:e===this.state.lastTokEnd?this.state.lastTokEndLoc:function(e,t){let
r,n=1,i=0;for(c.lastIndex=0;(r=c.exec(e))&&r.index<t;)n++,i=c.lastIndex;return new h(n,t-
i)}(this.input,e),t)raise(e,{code:t,reasonCode:r,template:n},...i){return
this.raiseWithData(e,{code:t,reasonCode:r},n,...i)}raiseOverwrite(e,{code:t,template:r},...n){const
i=this.getLocationForPosition(e),s=r.replace(/%(\d+)/g,(e,t)=>n[t])+`
(${i.line}:${i.column})`;if(this.options.errorRecovery){const t=this.state.errors;for(let r=t.length-1;r>=0;r--){const
n=t[r];if(n.pos===e)return Object.assign(n,{message:s});if(n.pos<e)break } }return
this._raise({code:t,loc:i,pos:e},s)}raiseWithData(e,t,r,...n){const
i=this.getLocationForPosition(e),s=r.replace(/%(\d+)/g,(e,t)=>n[t])+` (${i.line}:${i.column})`;return
this._raise(Object.assign({loc:i,pos:e},t),s)}_raise(e,t){const r=new
SyntaxError(t);if(Object.assign(r,e),this.options.errorRecovery)return
this.isLookahead||this.state.errors.push(r),r;throw r}}constructor(e,t){super(),this.isLookahead=void
0,this.tokens=[],this.state=new
Se,this.state.init(e),this.input=t,this.length=t.length,this.isLookahead=!1 }pushToken(e){this.tokens.length=this.state.
tokensLength,this.tokens.push(e),++this.state.tokensLength }next(){this.isLookahead||(this.checkKeywordEscapes(),
this.options.tokens&&this.pushToken(new
Ae(this.state))),this.state.lastTokEnd=this.state.end,this.state.lastTokStart=this.state.start,this.state.lastTokEndLoc=t
his.state.endLoc,this.state.lastTokStartLoc=this.state.startLoc,this.nextToken()}eat(e){return!!this.match(e)&&(this.
next(),!0)}match(e){return this.state.type===e}lookahead(){const
e=this.state;this.state=e.clone(!0),this.isLookahead=!0,this.next(),this.isLookahead=!1;const t=this.state;return
this.state=e,t}nextTokenStart(){return this.nextTokenStartSince(this.state.pos)}nextTokenStartSince(e){return
u.lastIndex=e,e+u.exec(this.input)[0].length}lookaheadCharCode(){return
this.input.charCodeAtAt(this.nextTokenStart())}codePointAtPos(e){let
t=this.input.charCodeAtAt(e);if(55296==(64512&t)&&+e<this.input.length){const
r=this.input.charCodeAtAt(e);56320==(64512&r)&&(t=65536+((1023&t)<<10)+(1023&r))}return
t}setStrict(e){this.state.strict=e,e&&(this.state.strictErrors.forEach((e,t)=>this.raise(t,e)),this.state.strictErrors.clear()
)}curContext(){return this.state.context[this.state.context.length-1]}nextToken(){const
e=this.curContext();if(null!==e&&e.preserveSpace||this.skipSpace(),this.state.start=this.state.pos,this.state.startLoc=t
his.state.curPosition(),this.state.pos>=this.length)return void this.finishToken(o.eof);const t=null===e?void

```



```

0:e.override;t?(this):this.getTokenFromCode(this.codePointAtPos(this.state.pos))}pushComment(e,t,r,n,i,s){const
a={type:e?"CommentBlock":"CommentLine",value:t,start:r,end:n,loc:new
f(i,s)};this.options.tokens&&this.pushToken(a,this.state.comments.push(a),this.addComment(a)}skipBlockComme
nt(){const e=this.state.curPosition(),t=this.state.pos,r=this.input.indexOf("*/",this.state.pos+2);if(-1===r)throw
this.raise(t,T.UnterminatedComment);let
n;for(this.state.pos=r+2,c.lastIndex=t;(n=c.exec(this.input))&&n.index<this.state.pos;)+this.state.curLine,this.state.
lineStart=n.index+n[0].length;this.isLookahead||this.pushComment(!0,this.input.slice(t+2,r),t,this.state.pos,e,this.stat
e.curPosition())}skipLineComment(e){const t=this.state.pos,r=this.state.curPosition();let
n=this.input.charCodeAtAt(this.state.pos+=e);if(this.state.pos<this.length)for(;!p(n)&&this.state.pos<this.length;n
=this.input.charCodeAtAt(this.state.pos);this.isLookahead||this.pushComment(!1,this.input.slice(t+e,this.state.pos),t,thi
s.state.pos,r,this.state.curPosition()))}skipSpace(){e:for(this.state.pos<this.length;){const
e=this.input.charCodeAtAt(this.state.pos);switch(e){case 32:case 160:case 9:++this.state.pos;break;case
13:10===this.input.charCodeAtAt(this.state.pos+1)&&this.state.pos;case 10:case 8232:case
8233:++this.state.pos,++this.state.curLine,this.state.lineStart=this.state.pos;break;case
47:switch(this.input.charCodeAtAt(this.state.pos+1)){case 42:this.skipBlockComment();break;case
47:this.skipLineComment(2);break;default:break e}break;default:if(!d(e))break
e;this.state.pos}}finishToken(e,t){this.state.end=this.state.pos,this.state.endLoc=this.state.curPosition();const
r=this.state.type;this.state.type=e,this.state.value=t,this.isLookahead||this.updateContext(r)}readToken_numberSign(
){if(0===this.state.pos&&this.readToken_interpreter())return;const
e=this.state.pos+1,t=this.codePointAtPos(e);if(t>=48&&t<=57)throw
this.raise(this.state.pos,T.UnexpectedDigitAfterHash);if(123===t||91===t&&this.hasPlugin("recordAndTuple")){if(
this.expectPlugin("recordAndTuple"),"hash"!==this.getPluginOption("recordAndTuple","syntaxType"))throw
this.raise(this.state.pos,123===t?T.RecordExpressionHashIncorrectStartSyntaxType:T.TupleExpressionHashIncorre
ctStartSyntaxType);123===t?this.finishToken(o.braceHashL):this.finishToken(o.bracketHashL),this.state.pos+=2}e
lse
C(t)?(this.state.pos,this.finishToken(o.privateName,this.readWord1(t))):92===t?(this.state.pos,this.finishToke
n(o.privateName,this.readWord1(t)):this.finishOp(o.hash,1)}readToken_dot(){const
e=this.input.charCodeAtAt(this.state.pos+1);e>=48&&e<=57?this.readNumber(!0):46===e&&46===this.input.charC
odeAt(this.state.pos+2)?(this.state.pos+=3,this.finishToken(o.ellipsis)):(this.state.pos,this.finishToken(o.dot))}rea
dToken_slash(){if(this.state.exprAllowed&&this.state.inType)return++this.state.pos,void
this.readRegexp();61===this.input.charCodeAtAt(this.state.pos+1)?this.finishOp(o.assign,2):this.finishOp(o.slash,1)}r
eadToken_interpreter(){if(0!==this.state.pos||this.length<2)return!1;let
e=this.input.charCodeAtAt(this.state.pos+1);if(33===e)return!1;const
t=this.state.pos;for(this.state.pos+=1;!p(e)&&this.state.pos<this.length;e=this.input.charCodeAtAt(this.state.pos);c
onst r=this.input.slice(t+2,this.state.pos);return
this.finishToken(o.interpreterDirective,r,!0)}readToken_mult_modulo(e){let
t=42===e?o.star:o.modulo,r=1,n=this.input.charCodeAtAt(this.state.pos+1);const
i=this.state.exprAllowed;42===e&&42===n&&(r++,n=this.input.charCodeAtAt(this.state.pos+2),t=o.exponent),61!=
=n||i||(r++,t=o.assign),this.finishOp(t,r)}readToken_pipe_amp(e){const
t=this.input.charCodeAtAt(this.state.pos+1);if(t===e){if(124===e){if(62===t)return void
this.finishOp(o.pipeline,2);if(this.hasPlugin("recordAndTuple")&&125===t){if("bar"!==this.getPluginOption("reco
rdAndTuple","syntaxType"))throw this.raise(this.state.pos,T.RecordExpressionBarIncorrectEndSyntaxType);return
void
this.finishOp(o.braceBarR,2)}if(this.hasPlugin("recordAndTuple")&&93===t){if("bar"!==this.getPluginOption("re
cordAndTuple","syntaxType"))throw this.raise(this.state.pos,T.TupleExpressionBarIncorrectEndSyntaxType);return
void
this.finishOp(o.bracketBarR,2)}61===t?this.finishOp(124===e?o.bitwiseOR:o.bitwiseAND,1):this.finishOp(o.assi
gn,2)}else

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61===this.input.charCodeAtAt(this.state.pos+2)?this.finishOp(o.assign,3):this.finishOp(124===e?o.logicalOR:o.logicalAND,2)}readToken_caret(){61===this.input.charCodeAtAt(this.state.pos+1)?this.finishOp(o.assign,2):this.finishOp(o.bitwiseXOR,1)}readToken_plus_min(e){const t=this.input.charCodeAtAt(this.state.pos+1);if(t===e)return 45!==t||this.inModule||62!==this.input.charCodeAtAt(this.state.pos+2)||0!==this.state.lastTokEnd&&!this.hasPrecedingLineBreak()?void this.finishOp(o.incDec,2):(this.skipLineComment(3),this.skipSpace(),void this.nextToken());61===t?this.finishOp(o.assign,2):this.finishOp(o.plusMin,1)}readToken_lt_gt(e){const t=this.input.charCodeAtAt(this.state.pos+1);let r=1;return t===e?(r=62===e&&62===this.input.charCodeAtAt(this.state.pos+2)?3:2,61===this.input.charCodeAtAt(this.state.pos+r)?void this.finishOp(o.assign,r+1):void this.finishOp(o.bitShift,r):33!==t||60!==e||this.inModule||45!==this.input.charCodeAtAt(this.state.pos+2)||45!==this.input.charCodeAtAt(this.state.pos+3)?(61===t&&(r=2),void this.finishOp(o.relational,r):(this.skipLineComment(4),this.skipSpace(),void this.nextToken()))}readToken_eq_excl(e){const t=this.input.charCodeAtAt(this.state.pos+1);if(61!==t)return 61===e&&62===t?(this.state.pos+=2,void this.finishToken(o.arrow)):void this.finishOp(61===e?o.eq:o.bang,1);this.finishOp(o.equality,61===this.input.charCodeAtAt(this.state.pos+2)?3:2)}readToken_question(){const e=this.input.charCodeAtAt(this.state.pos+1),t=this.input.charCodeAtAt(this.state.pos+2);63===e?61===t?this.finishOp(o.assign,3):this.finishOp(o.nullishCoalescing,2):46!==e||t>=48&&t<=57?(++this.state.pos,this.finishToken(o.question)):this.state.pos+=2,this.finishToken(o.questionDot)}getTokenFromCode(e){switch(e){case 46:return void this.readToken_dot();case 40:return ++this.state.pos,void this.finishToken(o.parenL);case 41:return ++this.state.pos,void this.finishToken(o.parenR);case 59:return ++this.state.pos,void this.finishToken(o.semi);case 44:return ++this.state.pos,void this.finishToken(o.comma);case 91:if(this.hasPlugin("recordAndTuple")&&124===this.input.charCodeAtAt(this.state.pos+1)){if("bar"!==this.getPluginOption("recordAndTuple","syntaxType"))throw this.raise(this.state.pos,T.TupleExpressionBarIncorrectStartSyntaxType);this.finishToken(o.bracketBarL),this.state.pos+=2}else ++this.state.pos,this.finishToken(o.bracketL);return;case 93:return ++this.state.pos,void this.finishToken(o.bracketR);case 123:if(this.hasPlugin("recordAndTuple")&&124===this.input.charCodeAtAt(this.state.pos+1)){if("bar"!==this.getPluginOption("recordAndTuple","syntaxType"))throw this.raise(this.state.pos,T.RecordExpressionBarIncorrectStartSyntaxType);this.finishToken(o.braceBarL),this.state.pos+=2}else ++this.state.pos,this.finishToken(o.braceL);return;case 125:return ++this.state.pos,void this.finishToken(o.braceR);case 58:return void(this.hasPlugin("functionBind")&&58===this.input.charCodeAtAt(this.state.pos+1)?this.finishOp(o.doubleColon,2):(++this.state.pos,this.finishToken(o.colon)));case 63:return void this.readToken_question();case 96:return ++this.state.pos,void this.finishToken(o.backQuote);case 48:{const e=this.input.charCodeAtAt(this.state.pos+1);if(120===e||88===e)return void this.readRadixNumber(16);if(111===e||79===e)return void this.readRadixNumber(8);if(98===e||66===e)return void this.readRadixNumber(2)}case 49:case 50:case 51:case 52:case 53:case 54:case 55:case 56:case 57:return void this.readNumber(!1);case 34:case 39:return void this.readString(e);case 47:return void this.readToken_slash();case 37:case 42:return void this.readToken_mult_modulo(e);case 124:case 38:return void this.readToken_pipe_amp(e);case 94:return void this.readToken_caret();case 43:case 45:return void this.readToken_plus_min(e);case 60:case 62:return void this.readToken_lt_gt(e);case 61:case 33:return void this.readToken_eq_excl(e);case 126:return void this.finishOp(o.tilde,1);case 64:return ++this.state.pos,void this.finishToken(o.at);case 35:return void this.readToken_numberSign();case 92:return void this.readWord();default:if(C(e))return void this.readWord(e)}throw this.raise(this.state.pos,T.InvalidOrUnexpectedToken,String.fromCodePoint(e))}finishOp(e,t){const r=this.input.slice(this.state.pos,this.state.pos+t);this.state.pos+=t,this.finishToken(e,r)}readRegex(){const e=this.state.pos;let t,r;for(;;){if(this.state.pos>=this.length)throw this.raise(e,T.UnterminatedRegExp);const

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```

n=this.input.charAt(this.state.pos);if(!.test(n))throw
this.raise(e,T.UnterminatedRegExp);if(t)!1;else{if("["]===n)r=!0;else if(""]===n&&r)!1;else
if("/"===n&&!r)break;t="\"===n}++this.state.pos}const n=this.input.slice(e,this.state.pos);++this.state.pos;let
i="";for(;this.state.pos<this.length;){const
e=this.input[this.state.pos],t=this.codePointAtPos(this.state.pos);if(Ee.has(e).indexOf(e)>-
1&&this.raise(this.state.pos+1,T.DuplicateRegExpFlags);else{if(!N(t)&&92!==(t))break;this.raise(this.state.pos+1,T.
MalformedRegExpFlags)}++this.state.pos,i+=e}this.finishToken(o.regex,{pattern:n,flags:i})readInt(e,t,r,n=!0){c
onst i=this.state.pos,s=16===e?Pe.hex:Pe.decBinOct,a=16===e?ve.hex:10===e?ve.dec:8===e?ve.oct:ve.bin;let
o=!1,l=0;for(let i=0,c=null==t?1/0:t;i<c;++i){const t=this.input.charCodeAt(this.state.pos);let
c;if(95!==(t)){if(c>=97?t-97+10:t>=65?t-65+10:xe(t)?-
48:1/0,c>=e)if(this.options.errorRecovery&&c<=9)c=0,this.raise(this.state.start+i+2,T.InvalidDigit,e);else{if(!r)bre
ak;c=0,o=!0}++this.state.pos,l=1*e+c}else{const e=this.input.charCodeAt(this.state.pos-
1),t=this.input.charCodeAt(this.state.pos+1);(-1===a.indexOf(t)||s.indexOf(e)>-1||s.indexOf(t)>-
1||Number.isNaN(t))&&this.raise(this.state.pos,T.UnexpectedNumericSeparator),n||this.raise(this.state.pos,T.Numer
icSeparatorInEscapeSequence),++this.state.pos} }return this.state.pos===i||null!=t&&this.state.pos-
i!=t||o?null:l}readRadixNumber(e){const t=this.state.pos;let r=!1;this.state.pos+=2;const
n=this.readInt(e);null==n&&this.raise(this.state.start+2,T.InvalidDigit,e);const
i=this.input.charCodeAt(this.state.pos);if(110===i)++this.state.pos,r=!0;else if(109===i)throw
this.raise(t,T.InvalidDecimal);if(C(this.codePointAtPos(this.state.pos)))throw
this.raise(this.state.pos,T.NumberIdentifier);if(r){const
e=this.input.slice(t,this.state.pos).replace(/[_n]/g,"");this.finishToken(o.bigint,e)}else
this.finishToken(o.num,n)}readNumber(e){const t=this.state.pos;let
r=!1,n=!1,i=!1,s=!1,a=!1,e||null!=this.readInt(10)||this.raise(t,T.InvalidNumber);const l=this.state.pos-
t>=2&&48===this.input.charCodeAt(t);if(l){const
e=this.input.slice(t,this.state.pos);if(this.recordStrictModeErrors(t,T.StrictOctalLiteral),!this.state.strict){const
r=e.indexOf("_");r>0&&this.raise(r+t,T.ZeroDigitNumericSeparator)}a=l&&!/89/.test(e)}let
c=this.input.charCodeAt(this.state.pos);if(46!==(c)||(++this.state.pos,this.readInt(10),r=!0,c=this.input.charCodeAt(at
his.state.pos)),69!==(c)&&101!==(c)||a|(c=this.input.charCodeAt(++this.state.pos),43!==(c)&&45!==(c)||++this.state.pos,
null===this.readInt(10))&&this.raise(t,T.InvalidOrMissingExponent),r=!0,s=!0,c=this.input.charCodeAt(this.state.po
s)),110===c&&(r||l)&&this.raise(t,T.InvalidBigIntLiteral),++this.state.pos,n=!0),109===c&&(this.expectPlugin("d
ecimal",this.state.pos),(s||l)&&this.raise(t,T.InvalidDecimal),++this.state.pos,i=!0),C(this.codePointAtPos(this.state.
pos)))throw this.raise(this.state.pos,T.NumberIdentifier);const
p=this.input.slice(t,this.state.pos).replace(/[_mn]/g,"");if(n)return void this.finishToken(o.bigint,p);if(i)return void
this.finishToken(o.decimal,p);const
u=a?parseInt(p,8):parseFloat(p);this.finishToken(o.num,u)}readCodePoint(e){let
t;if(123===this.input.charCodeAt(this.state.pos)){const
r=++this.state.pos;if(t=this.readHexChar(this.input.indexOf(""),this.state.pos)-
this.state.pos,!0,e),++this.state.pos,null!=t&&t>1114111){if(!e)return null;this.raise(r,T.InvalidCodePoint)} }else
t=this.readHexChar(4,!1,e);return t}readString(e){let
t="",r=++this.state.pos;for(;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,T.UnterminatedString);const
n=this.input.charCodeAt(this.state.pos);if(n===e)break;if(92===n)t+=this.input.slice(r,this.state.pos),t+=this.readEs
capedChar(!1),r=this.state.pos;else
if(8232===n||8233===n)++this.state.pos,++this.state.curLine,this.state.lineStart=this.state.pos;else{if(p(n))throw
this.raise(this.state.start,T.UnterminatedString);++this.state.pos} }t+=this.input.slice(r,this.state.pos++),this.finishTo
ken(o.string,t)}readTplToken(){let e="",t=this.state.pos,r=!1;for(;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,T.UnterminatedTemplate);const
n=this.input.charCodeAt(this.state.pos);if(96===n||36===n&&123===this.input.charCodeAt(this.state.pos+1))retur

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n this.state.pos===this.state.start&&this.match(o.template)?36===n?(this.state.pos+=2,void
this.finishToken(o.dollarBraceL)):(++this.state.pos,void
this.finishToken(o.backQuote));(e+=this.input.slice(t,this.state.pos),void
this.finishToken(o.template,r?null:e));if(92===n){e+=this.input.slice(t,this.state.pos);const
n=this.readEscapedChar(!0);null===n?r=!0:e+=n,t=this.state.pos}else
if(p(n)){switch(e+=this.input.slice(t,this.state.pos),++this.state.pos,n){case
13:10===this.input.charCodeAtAt(this.state.pos)&&++this.state.pos;case
10:e+="\n";break;default:e+=String.fromCharCode(n)}++this.state.curLine,this.state.lineStart=this.state.pos,t=this.s
tate.pos}else++this.state.pos}}recordStrictModeErrors(e,t){this.state.strict&&!this.state.strictErrors.has(e)?this.raise
(e,t):this.state.strictErrors.set(e,t)}readEscapedChar(e){const
t=e,r=this.input.charCodeAtAt(++this.state.pos);switch(++this.state.pos,r){case 110:return"\n";case
114:return"\r";case 120:{const e=this.readHexChar(2,1,t);return null===e?null:String.fromCharCode(e)}case
117:{const e=this.readCodePoint(t);return null===e?null:String.fromCodePoint(e)}case 116:return"\t";case
98:return"\b";case 118:return"\v";case 102:return"\f";case
13:10===this.input.charCodeAtAt(this.state.pos)&&++this.state.pos;case
10:this.state.lineStart=this.state.pos,++this.state.curLine;case 8232:case 8233:return"";case 56:case 57:if(e)return
null;this.recordStrictModeErrors(this.state.pos-1,T.StrictNumericEscape);default:if(r>=48&&r<=55){const
t=this.state.pos-1;let r=this.input.substr(this.state.pos-1,3).match(/^[0-
7]+/)[0],n=parseInt(r,8);n>255&&(r=r.slice(0,-1),n=parseInt(r,8)),this.state.pos+=r.length-1;const
i=this.input.charCodeAtAt(this.state.pos);if("0"===r||56===i||57===i){if(e)return
null;this.recordStrictModeErrors(t,T.StrictNumericEscape)}return String.fromCharCode(n)}return
String.fromCharCode(r)}readHexChar(e,t,r){const n=this.state.pos,i=this.readInt(16,e,t,!1);return
null===i&&(r?this.raise(n,T.InvalidEscapeSequence):this.state.pos=n-
1),i}readWord1(e){this.state.containsEsc=!1;let t="";const r=this.state.pos;let n=this.state.pos;for(void
0!==e&&(this.state.pos+=e<=65535?1:2);this.state.pos<this.length;){const
e=this.codePointAtPos(this.state.pos);if(N(e))this.state.pos+=e<=65535?1:2;else{if(92!==e)break;{this.state.contain
sEsc=!0,t+=this.input.slice(n,this.state.pos);const
e=this.state.pos,i=this.state.pos===r?C:N;if(117!==(117===this.input.charCodeAtAt(++this.state.pos))){this.raise(this.state.pos,
T.MissingUnicodeEscape),n=this.state.pos-1;continue}++this.state.pos;const
s=this.readCodePoint(!0);null!==s&&(i(s)||this.raise(e,T.EscapedCharNotAnIdentifier),t+=String.fromCodePoint(s)
),n=this.state.pos}}return t+this.input.slice(n,this.state.pos)}readWord(e){const
t=this.readWord1(e),r=i.get(t)||o.name;this.finishToken(r,t)}checkKeywordEscapes(){const
e=this.state.type.keyword;e&&this.state.containsEsc&&this.raise(this.state.start,T.InvalidEscapedReservedWord,e)
}braceIsBlock(e){const t=this.curContext();return
t===x.functionExpression||t===x.functionStatement||(e!==o.colon||t===x.braceStatement&&t!==x.braceExpression?
e===o._return||e===o.name&&this.state.exprAllowed?this.hasPrecedingLineBreak():e===o._else||e===o.semi||e===
=o.eof||e===o.parenR||e===o.arrow||(e===o.braceL?t===x.braceStatement:e!==o._var&&e!==o._const&&e!==o.na
me&&(e===o.relational?!this.state.exprAllowed)):!t.isExpr)}updateContext(e){const t=this.state.type;let
r;!t.keyword||e!==o.dot&&e!==o.questionDot?(r=t.updateContext)?r.call(this,e):this.state.exprAllowed=t.beforeExp
r:this.state.exprAllowed=!1}}addExtra(e,t,r){if(!e)return;(e.extra=e.extra||{})[t]=r}isRelational(e){return
this.match(o.relational)&&this.state.value===e}expectRelational(e){this.isRelational(e)?this.next():this.unexpected(
null,o.relational)}isContextual(e){return
this.match(o.name)&&this.state.value===e&&!this.state.containsEsc}isUnparsedContextual(e,t){const
r=e+t.length;return
this.input.slice(e,r)===t&&(r===this.input.length?!N(this.input.charCodeAtAt(r))):isLookaheadContextual(e){const
t=this.nextTokenStart();return this.isUnparsedContextual(t,e)}eatContextual(e){return
this.isContextual(e)&&this.eat(o.name)}expectContextual(e,t){this.eatContextual(e)||this.unexpected(null,t)}canInse
rtSemicolon(){return

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this.match(o.eof)||this.match(o.braceR)||this.hasPrecedingLineBreak()}hasPrecedingLineBreak(){return
l.test(this.input.slice(this.state.lastTokEnd,this.state.start))}hasFollowingLineBreak(){return
l.test(this.input.slice(this.state.end,this.nextTokenStart()))}isLineTerminator(){return
this.eat(o.semi)||this.canInsertSemicolon()}semicolon(e=!0){(e?this.isLineTerminator():this.eat(o.semi))||this.raise(t
his.state.lastTokEnd,T.MissingSemicolon)}expect(e,t){this.eat(e)||this.unexpected(t,e)}assertNoSpace(e="Unexpect
ed
space."){this.state.start>this.state.lastTokEnd&&this.raise(this.state.lastTokEnd,{code:y.SyntaxException,reasonCode:"
UnexpectedSpace",template:e})}unexpected(e,t={code:y.SyntaxException,reasonCode:"UnexpectedToken",template:"Un
expected token"}){throw t instanceof
n&&(t={code:y.SyntaxException,reasonCode:"UnexpectedToken",template:`Unexpected token, expected
"${t.label}"`}),this.raise(null!=e?e:this.state.start,t)}expectPlugin(e,t){if(!this.hasPlugin(e))throw
this.raiseWithData(null!=t?t:this.state.start,{missingPlugin:[e]},`This experimental syntax requires enabling the
parser plugin: "${e}"`);return!0}expectOnePlugin(e,t){if(!e.some(e=>this.hasPlugin(e)))throw
this.raiseWithData(null!=t?t:this.state.start,{missingPlugin:e},`This experimental syntax requires enabling one of the
following parser plugin(s): "${e.join(", ")}`)}tryParse(e,t=this.state.clone()){const r={node:null};try{const
n=e((e=null)=>{throw r.node=e,r});if(this.state.errors.length>t.errors.length){const e=this.state;return
this.state=t,this.state.tokensLength=e.tokensLength,{node:n,error:e.errors[t.errors.length],thrown:!1,aborted:!1,failSt
ate:e}}return{node:n,error:null,thrown:!1,aborted:!1,failState:null}}catch(e){const n=this.state;if(this.state=t,e
instanceof
SyntaxError)return{node:null,error:e,thrown:!0,aborted:!1,failState:n};if(e===r)return{node:r.node,error:null,throw
n:!1,aborted:!0,failState:n};throw
e}}checkExpressionErrors(e,t){if(!e)return!1;const{shorthandAssign:r,doubleProto:n}=e;if(!t)return
r>=0||n>=0;r>=0&&this.unexpected(r),n>=0&&this.raise(n,T.DuplicateProto)}isLiteralPropertyName(){return
this.match(o.name)||!this.state.type.keyword||this.match(o.string)||this.match(o.num)||this.match(o.bigint)||this.mat
h(o.decimal)}isPrivateName(e){return"PrivateName"===e.type}getPrivateNameSV(e){return
e.id.name}hasPropertyAsPrivateName(e){return("MemberExpression"===e.type||"OptionalMemberExpression"===
e.type)&&this.isPrivateName(e.property)}isOptionalChain(e){return"OptionalMemberExpression"===e.type||"Opti
onalCallExpression"===e.type}isObjectProperty(e){return"ObjectProperty"===e.type}isObjectMethod(e){return"O
bjectMethod"===e.type}initializeScopes(e="module"===this.options.sourceType){const
t=this.state.labels;this.state.labels=[];const r=this.state.exportedIdentifiers;this.state.exportedIdentifiers=[];const
n=this.inModule;this.inModule=e;const i=this.scope,s=this.getScopeHandler();this.scope=new
s(this.raise.bind(this),this.inModule);const a=this.prodParam;this.prodParam=new ae;const
o=this.classScope;this.classScope=new Oe(this.raise.bind(this));const l=this.expressionScope;return
this.expressionScope=new
Ne(this.raise.bind(this),())=>{this.state.labels=t,this.state.exportedIdentifiers=r,this.inModule=n,this.scope=i,this.pr
odParam=a,this.classScope=o,this.expressionScope=l}}enterInitialScopes(){let
e=0;this.hasPlugin("topLevelAwait")&&this.inModule&&(e|=2),this.scope.enter(1),this.prodParam.enter(e)}{start
Node(){return new _e(this,this.state.start,this.state.startLoc)}startNodeAt(e,t){return new
_e(this,e,t)}startNodeAtNode(e){return this.startNodeAt(e.start,e.loc.start)}finishNode(e,t){return
this.finishNodeAt(e,t,this.state.lastTokEnd,this.state.lastTokEndLoc)}finishNodeAt(e,t,r,n){return
e.type=t,e.end=r,e.loc.end=n,this.options.ranges&&(e.range[1]=r),this.processComment(e,e)}resetStartLocation(e,t,
r){e.start=t,e.loc.start=r,this.options.ranges&&(e.range[0]=t)}resetEndLocation(e,t=this.state.lastTokEnd,r=this.stat
e.lastTokEndLoc){e.end=t,e.loc.end=r,this.options.ranges&&(e.range[1]=t)}resetStartLocationFromNode(e,t){this.r
esetStartLocation(e,t.start,t.loc.start)}}{toAssignable(e,t=!1){var r,n;let i=void
0;switch(("ParenthesizedExpression"===e.type||null!=(r=e.extra)&&r.parenthesized)&&(i=Le(e),t?"Identifier"===i.
type?this.expressionScope.recordParenthesizedIdentifierError(e.start,T.InvalidParenthesizedAssignment):"Member
Expression"!==i.type&&this.raise(e.start,T.InvalidParenthesizedAssignment):this.raise(e.start,T.InvalidParenthesize
dAssignment)),e.type){case"Identifier":case"ObjectPattern":case"ArrayPattern":case"AssignmentPattern":break;cas

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e"ObjectExpression":e.type="ObjectPattern";for(let r=0,n=e.properties.length,i=n-1;r<n;r++){var s;const
n=e.properties[r],a=r===i,this.toAssignableObjectExpressionProp(n,a,t),a&&"RestElement"===n.type&&null!=(s=
e.extra)&&s.trailingComma&&this.raiseRestNotLast(e.extra.trailingComma)}break;case"ObjectProperty":this.toAs
signable(e.value,t);break;case"SpreadElement":{this.checkToRestConversion(e),e.type="RestElement";const
r=e.argument;this.toAssignable(r,t);break}case"ArrayExpression":e.type="ArrayPattern",this.toAssignableList(e.ele
ments,null==(n=e.extra)?void
0:n.trailingComma,t);break;case"AssignmentExpression":e.operator&&this.raise(e.left.end,T.MissingEqInAs
signment),e.type="AssignmentPattern",delete
e.operator,this.toAssignable(e.left,t);break;case"ParenthesizedExpression":this.toAssignable(i,t)}return
e}toAssignableObjectExpressionProp(e,t,r){if("ObjectMethod"===e.type){const
t="get"===e.kind||"set"===e.kind?T.PatternHasAccessor:T.PatternHasMethod;this.raise(e.key.start,t)}else"SpreadE
lement"!==e.type||t?this.toAssignable(e,r):this.raiseRestNotLast(e.start)}toAssignableList(e,t,r){let
n=e.length;if(n){const i=e[n-1];if("RestElement"===null===i?void 0:i.type)--n}else
if("SpreadElement"===null===i?void 0:i.type){i.type="RestElement";let
e=i.argument;this.toAssignable(e,r),e=Le(e),"Identifier"!==e.type&&"MemberExpression"!==e.type&&"ArrayPatte
rn"!==e.type&&"ObjectPattern"!==e.type&&this.unexpected(e.start),t&&this.raiseTrailingCommaAfterRest(t,--
n)}for(let t=0;t<n;t++){const
n=e[t];n&&(this.toAssignable(n,r),"RestElement"===n.type&&this.raiseRestNotLast(n.start))}return
e}toReferencedList(e,t){return e}toReferencedListDeep(e,t){this.toReferencedList(e,t);for(const t of
e)"ArrayExpression"===null===t?void 0:t.type&&this.toReferencedListDeep(t.elements)}parseSpread(e,t){const
r=this.startNode();return this.next(),r.argument=this.parseMaybeAssignAllowIn(e,void
0,t),this.finishNode(r,"SpreadElement")}parseRestBinding(){const e=this.startNode();return
this.next(),e.argument=this.parseBindingAtom(),this.finishNode(e,"RestElement")}parseBindingAtom(){switch(this
.state.type){case o.bracketL:{const e=this.startNode();return
this.next(),e.elements=this.parseBindingList(o.bracketR,93,!0),this.finishNode(e,"ArrayPattern")}case
o.braceL:return this.parseObjectLike(o.braceR,!0)}return this.parseIdentifier()}parseBindingList(e,t,r,n){const
i=[];let
s=!0;for(;!this.eat(e);if(s?s=!1:this.expect(o.comma),r&&this.match(o.comma))i.push(null);else{if(this.eat(e))break
;if(this.match(o.ellipsis)){i.push(this.parseAssignableListItemTypes(this.parseRestBinding())),this.checkCommaAft
erRest(t),this.expect(e);break}}const
e=[];for(this.match(o.at)&&this.hasPlugin("decorators")&&this.raise(this.state.start,T.UnsupportedParameterDecora
tor);this.match(o.at);)e.push(this.parseDecorator());i.push(this.parseAssignableListItem(n,e))}return
i}parseAssignableListItem(e,t){const r=this.parseMaybeDefault();this.parseAssignableListItemTypes(r);const
n=this.parseMaybeDefault(r.start,r.loc.start,r);return
t.length&&(r.decorators=t),n}parseAssignableListItemTypes(e){return e}parseMaybeDefault(e,t,r){var
n,i,s;if(t=null!=(n=t)?n:this.state.startLoc,e=null!=(i=e)?i:this.state.start,r=null!=(s=r)?s:this.parseBindingAtom(),!th
is.eat(o.eq))return r;const a=this.startNodeAt(e,t);return
a.left=r,a.right=this.parseMaybeAssignAllowIn(),this.finishNode(a,"AssignmentPattern")}checkLVal(e,t,r=64,n,i,s=
!1){switch(e.type){case"Identifier":{const{name:t}=e;this.state.strict&&(s?B(t,this.inModule):R(t))&&this.raise(e.s
tart,64===r?T.StrictEvalArguments:T.StrictEvalArgumentsBinding,t),n&&(n.has(t)?this.raise(e.start,T.ParamDupe)
:n.add(t)),i&&"let"===t&&this.raise(e.start,T.LetInLexicalBinding),64&r||this.scope.declareName(t,r,e.start);break}
case"MemberExpression":64===r&&this.raise(e.start,T.InvalidPropertyBindingPattern);break;case"ObjectPattern":f
or(let t of e.properties){if(this.isObjectProperty(t))t=t.value;else
if(this.isObjectMethod(t))continue;this.checkLVal(t,"object destructuring
pattern",r,n,i)}break;case"ArrayPattern":for(const t of e.elements)t&&this.checkLVal(t,"array destructuring
pattern",r,n,i);break;case"AssignmentPattern":this.checkLVal(e.left,"assignment
pattern",r,n);break;case"RestElement":this.checkLVal(e.argument,"rest
element",r,n);break;case"ParenthesizedExpression":this.checkLVal(e.expression,"parenthesized

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expression",r,n);break;default:this.raise(e.start,64===r?T.InvalidLhs:T.InvalidLhsBinding,t)}checkToRestConversion(e){"Identifier"!==e.argument.type&&"MemberExpression"!==e.argument.type&&this.raise(e.argument.start,T.InvalidRestAssignmentPattern)}checkCommaAfterRest(e){this.match(o.comma)&&(this.lookaheadCharCode()===e?this.raiseTrailingCommaAfterRest(this.state.start):this.raiseRestNotLast(this.state.start))}raiseRestNotLast(e){throw
this.raise(e,T.ElementAfterRest)}raiseTrailingCommaAfterRest(e){this.raise(e,T.RestTrailingComma)}}{checkProto(e,t,r,n){if("SpreadElement"===e.type||this.isObjectMethod(e)||e.computed||e.shorthand)return;const i=e.key;if("__proto__"===("Identifier"===i.type?i.name:i.value)){if(t)return void
this.raise(i.start,T.RecordNoProto);r.used&&(n?-1===n.doubleProto&&(n.doubleProto=i.start):this.raise(i.start,T.DuplicateProto)),r.used=!0}}shouldExitDescending(e,t){return"ArrowFunctionExpression"===e.type&&e.start===t}getExpression(){let e=0;this.hasPlugin("topLevelAwait")&&this.inModule&&(e|=2),this.scope.enter(1),this.prodParam.enter(e),this.nextToken();const t=this.parseExpression();return
this.match(o.eof)||this.unexpected(),t.comments=this.state.comments,t.errors=this.state.errors,this.options.tokens&&(t.tokens=this.tokens),t}parseExpression(e,t){return
e?this.disallowInAnd(()=>this.parseExpressionBase(t)):this.allowInAnd(()=>this.parseExpressionBase(t))}parseExpressionBase(e){const
t=this.state.start,r=this.state.startLoc,n=this.parseMaybeAssign(e);if(this.match(o.comma)){const
i=this.startNodeAt(t,r);for(i.expressions=[n];this.eat(o.comma);i.expressions.push(this.parseMaybeAssign(e)));return
this.toReferencedList(i.expressions),this.finishNode(i,"SequenceExpression")}return
n}parseMaybeAssignDisallowIn(e,t,r){return
this.disallowInAnd(()=>this.parseMaybeAssign(e,t,r))}parseMaybeAssignAllowIn(e,t,r){return
this.allowInAnd(()=>this.parseMaybeAssign(e,t,r))}parseMaybeAssign(e,t,r){const
n=this.state.start,i=this.state.startLoc;if(this.isContextual("yield")&&this.prodParam.hasYield){this.state.exprAllowed=!0;let e=this.parseYield();return t&&(e=t.call(this,e,n,i),e)}let s;e?s=!1:(e=new
De,s=!0),(this.match(o.parenL)||this.match(o.name))&&(this.state.potentialArrowAt=this.state.start);let
a=this.parseMaybeConditional(e,r);if(t&&(a=t.call(this,a,n,i)),this.state.type.isAssign){const
t=this.startNodeAt(n,i),r=this.state.value;return
t.operator=r,this.match(o.eq)?(t.left=this.toAssignable(a,!0),e.doubleProto=-1):t.left=a,e.shorthandAssign>=t.left.start&&(e.shorthandAssign=-1),this.checkLVal(a,"assignment
expression"),this.next(),t.right=this.parseMaybeAssign(),this.finishNode(t,"AssignmentExpression")}return
s&&this.checkExpressionErrors(e,!0),a}parseMaybeConditional(e,t){const
r=this.state.start,n=this.state.startLoc,i=this.state.potentialArrowAt,s=this.parseExprOps(e);return
this.shouldExitDescending(s,i)?s:this.parseConditional(s,r,n,t)}parseConditional(e,t,r,n){if(this.eat(o.question)){const
n=this.startNodeAt(t,r);return
n.test=e,n.consequent=this.parseMaybeAssignAllowIn(),this.expect(o.colon),n.alternate=this.parseMaybeAssign(),this.finishNode(n,"ConditionalExpression")}return e}parseExprOps(e){const
t=this.state.start,r=this.state.startLoc,n=this.state.potentialArrowAt,i=this.parseMaybeUnary(e);return
this.shouldExitDescending(i,n)?i:this.parseExprOp(i,t,r,-1)}parseExprOp(e,t,r,n){let
i=this.state.type.binop;if(null!=i&&(this.prodParam.hasIn||!this.match(o._in))&&i>n){const
s=this.state.type;if(s===o.pipeline){if(this.expectPlugin("pipelineOperator"),this.state.inFSharpPipelineDirectBody)
return e;this.state.inPipeline=!0,this.checkPipelineAtInfixOperator(e,t)}const
a=this.startNodeAt(t,r);a.left=e,a.operator=this.state.value;const
l=s===o.logicalOR||s===o.logicalAND,c=s===o.nullishCoalescing;if(c&&(i=o.logicalAND.binop),this.next(),s===o.pipeline&&"minimal"===this.getPluginOption("pipelineOperator","proposal")&&this.match(o.name)&&"await"
===this.state.value&&this.prodParam.hasAwait)throw
this.raise(this.state.start,T.UnexpectedAwaitAfterPipelineBody);a.right=this.parseExprOpRightExpr(s,i),this.finishNode(a,l|c?"LogicalExpression":"BinaryExpression");const

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p=this.state.type;if(c&&(p===o.logicalOR||p===o.logicalAND)||l&&p===o.nullishCoalescing)throw
this.raise(this.state.start,T.MixingCoalesceWithLogical);return this.parseExprOp(a,t,r,n)}return
e}parseExprOpRightExpr(e,t){const r=this.state.start,n=this.state.startLoc;switch(e){case
o.pipeline:switch(this.getPluginOption("pipelineOperator","proposal")){case"smart":return
this.withTopicPermittingContext(=>this.parseSmartPipelineBody(this.parseExprOpBaseRightExpr(e,t),r,n));case"f
sharp":return this.withSoloAwaitPermittingContext(=>this.parseFSharpPipelineBody(t))}default:return
this.parseExprOpBaseRightExpr(e,t)}parseExprOpBaseRightExpr(e,t){const
r=this.state.start,n=this.state.startLoc;return this.parseExprOp(this.parseMaybeUnary(),r,n,e.rightAssociative?t-
1:t)}checkExponentialAfterUnary(e){this.match(o.exponent)&&this.raise(e.argument.start,T.UnexpectedTokenUna
ryExponentiation)}parseMaybeUnary(e,t){const
r=this.state.start,n=this.state.startLoc,i=this.isContextual("await");if(i&&this.isAwaitAllowed()){this.next();const
e=this.parseAwait(r,n);return
t||this.checkExponentialAfterUnary(e,e)}if(this.isContextual("module"))&&123===this.lookaheadCharCode()&&!th
is.hasFollowingLineBreak())return this.parseModuleExpression();const
s=this.match(o.incDec),a=this.startNode();if(this.state.type.prefix){a.operator=this.state.value,a.prefix=!0,this.match
(o._throw)&&this.expectPlugin("throwExpressions");const
r=this.match(o._delete);if(this.next(),a.argument=this.parseMaybeUnary(null,!0),this.checkExpressionErrors(e,!0),th
is.state.strict&&r){const
e=a.argument;"Identifier"===e.type?this.raise(a.start,T.StrictDelete):this.hasPropertyAsPrivateName(e)&&this.raise
(a.start,T.DeletePrivateField)}if(!s)return
t||this.checkExponentialAfterUnary(a),this.finishNode(a,"UnaryExpression")}const
l=this.parseUpdate(a,s,e);if(i){if((this.hasPlugin("v8intrinsic"))?this.state.type.startsExpr:this.state.type.startsExpr&
&!this.match(o.modulo))&&!this.isAmbiguousAwait())return
this.raiseOverwrite(r,this.hasPlugin("topLevelAwait")?T.AwaitNotInAsyncContext:T.AwaitNotInAsyncFunction),t
his.parseAwait(r,n)}return l}parseUpdate(e,t,r){if(t)return this.checkLVal(e.argument,"prefix
operation"),this.finishNode(e,"UpdateExpression");const n=this.state.start,i=this.state.startLoc;let
s=this.parseExprSubscripts(r);if(this.checkExpressionErrors(r,!1))return
s;for(;this.state.type.postfix&&!this.canInsertSemicolon();){const
e=this.startNodeAt(n,i);e.operator=this.state.value,e.prefix=!1,e.argument=s,this.checkLVal(s,"postfix
operation"),this.next(),s=this.finishNode(e,"UpdateExpression")}return s}parseExprSubscripts(e){const
t=this.state.start,r=this.state.startLoc,n=this.state.potentialArrowAt,i=this.parseExprAtom(e);return
this.shouldExitDescending(i,n)?i:this.parseSubscripts(i,t,r)}parseSubscripts(e,t,r,n){const
i={optionalChainMember:!1,maybeAsyncArrow:this.atPossibleAsyncArrow(e),stop:!1};do{e=this.parseSubscript(e,
t,r,n,i),i.maybeAsyncArrow=!1}while(!i.stop);return
e}parseSubscript(e,t,r,n,i){if(!n&&this.eat(o.doubleColon))return
this.parseBind(e,t,r,n,i);if(this.match(o.backQuote))return this.parseTaggedTemplateExpression(e,t,r,i);let
s=!1;if(this.match(o.questionDot)){if(n&&40===this.lookaheadCharCode())return
i.stop=!0,e.i.optionalChainMember=s=!0,this.next()}return!n&&this.match(o.parenL)?this.parseCoverCallAndAsyn
cArrowHead(e,t,r,i,s):s||this.match(o.bracketL)||this.eat(o.dot)?this.parseMember(e,t,r,i,s):(i.stop=!0,e)}parseMembe
r(e,t,r,n,i){const s=this.startNodeAt(t,r),a=this.eat(o.bracketL);s.object=e,s.computed=a;const
l=!a&&this.match(o.privateName)&&this.state.value,c=a?this.parseExpression():!this.parsePrivateName():this.pars
eIdentifier(!0);return!l===l&&("Super"===s.object.type&&this.raise(t,T.SuperPrivateField),this.classScope.usePriv
ateName(l.c.start),s.property=c,a&&this.expect(o.bracketR),n.optionalChainMember?(s.optional=i,this.finishNode(
s,"OptionalMemberExpression")):this.finishNode(s,"MemberExpression")}parseBind(e,t,r,n,i){const
s=this.startNodeAt(t,r);return
s.object=e,s.callee=this.parseNoCallExpr(),i.stop=!0,this.parseSubscripts(this.finishNode(s,"BindExpression"),t,r,n)
}parseCoverCallAndAsyncArrowHead(e,t,r,n,i){const
s=this.state.maybeInArrowParameters;this.state.maybeInArrowParameters=!0,this.next();}

```



```

a=this.startNodeAt(t,r);return a.callee=e,n.maybeAsyncArrow&&this.expressionScope.enter(new
Ce(2)),n.optionalChainMember&&(a.optional=i),a.arguments=i?this.parseCallExpressionArguments(o.parenR,!1):t
his.parseCallExpressionArguments(o.parenR,n.maybeAsyncArrow,"Import"===e.type,"Super"!==e.type,a),this.fini
shCallExpression(a,n.optionalChainMember),n.maybeAsyncArrow&&this.shouldParseAsyncArrow()&&!?(n.stop
=!0,this.expressionScope.validateAsPattern(),this.expressionScope.exit(),a=this.parseAsyncArrowFromCallExpressi
on(this.startNodeAt(t,r),a):(n.maybeAsyncArrow&&this.expressionScope.exit(),this.toReferencedArguments(a)),th
is.state.maybeInArrowParameters=s,a)toReferencedArguments(e,t){this.toReferencedListDeep(e.arguments,t)}pars
eTaggedTemplateExpression(e,t,r,n){const i=this.startNodeAt(t,r);return
i.tag=e,i.quasi=this.parseTemplate(!0),n.optionalChainMember&&this.raise(t,T.OptionalChainingNoTemplate),this.
finishNode(i,"TaggedTemplateExpression")}atPossibleAsyncArrow(e){return"Identifier"===e.type&&"async"===e
.name&&this.state.lastTokEnd===e.end&&!this.canInsertSemicolon()&&e.end-
e.start===5&&e.start===this.state.potentialArrowAt}finishCallExpression(e,t){if("Import"===e.callee.type)if(2===e
.arguments.length&&(this.hasPlugin("moduleAttributes")||this.expectPlugin("importAssertions")),0===e.arguments.
length||e.arguments.length>2)this.raise(e.start,T.ImportCallArity,this.hasPlugin("importAssertions")||this.hasPlugin(
"moduleAttributes")?"one or two arguments":"one argument");else for(const t of
e.arguments)"SpreadElement"===t.type&&this.raise(t.start,T.ImportCallSpreadArgument);return
this.finishNode(e,t?"OptionalCallExpression":"CallExpression")}parseCallExpressionArguments(e,t,r,n,i){const
s=[];let a=!0;const
l=this.state.inFSharpPipelineDirectBody;for(this.state.inFSharpPipelineDirectBody=!1;!this.eat(e);){if(a)a=!1;else
if(this.expect(o.comma),this.match(e)){!r||this.hasPlugin("importAssertions")||this.hasPlugin("moduleAttributes")||th
is.raise(this.state.lastTokStart,T.ImportCallArgumentTrailingComma),i&&this.addExtra(i,"trailingComma",this.stat
e.lastTokStart),this.next();break}s.push(this.parseExprListItem(!1,t?new De:void 0,t?{start:0}:void 0,n))}return
this.state.inFSharpPipelineDirectBody=l,s}shouldParseAsyncArrow(){return
this.match(o.arrow)&&!this.canInsertSemicolon()}parseAsyncArrowFromCallExpression(e,t){var r;return
this.expect(o.arrow),this.parseArrowExpression(e,t.arguments,!0,null==(r=t.extra)?void
0:r.trailingComma,e)parseNoCallExpr(){const e=this.state.start,t=this.state.startLoc;return
this.parseSubscripts(this.parseExprAtom(),e,t,!0)}parseExprAtom(e){this.state.type===o.slash&&this.readRegexp()
;const t=this.state.potentialArrowAt===this.state.start;let r;switch(this.state.type){case o._super:return
this.parseSuper();case o._import:return
r=this.startNode(),this.next(),this.match(o.dot)?this.parseImportMetaProperty(r):(this.match(o.parenL)||this.raise(this
.state.lastTokStart,T.UnsupportedImport),this.finishNode(r,"Import"));case o._this:return
r=this.startNode(),this.next(),this.finishNode(r,"ThisExpression");case o.name:{const
e=this.state.containsEsc,r=this.parseIdentifier();if(!e&&"async"===r.name&&!this.canInsertSemicolon()){if(this.m
atch(o._function)){const e=this.state.context.length-1;if(this.state.context[e]!==x.functionStatement)throw new
Error("Internal error");return
this.state.context[e]=x.functionExpression,this.next(),this.parseFunction(this.startNodeAtNode(r),void
0,!0)}if(this.match(o.name))return
61===this.lookaheadCharCode()?this.parseAsyncArrowUnaryFunction(r):r;if(this.match(o._do))return
this.parseDo(!0)}return
t&&this.match(o.arrow)&&!this.canInsertSemicolon()?(this.next(),this.parseArrowExpression(this.startNodeAtNod
e(r),[r,!1]):r}case o._do:return this.parseDo(!1);case o.regexp:{const e=this.state.value;return
r=this.parseLiteral(e.value,"RegExpLiteral"),r.pattern=e.pattern,r.flags=e.flags,r}case o.num:return
this.parseLiteral(this.state.value,"NumericLiteral");case o.bigint:return
this.parseLiteral(this.state.value,"BigIntLiteral");case o.decimal:return
this.parseLiteral(this.state.value,"DecimalLiteral");case o.string:return
this.parseLiteral(this.state.value,"StringLiteral");case o._null:return
r=this.startNode(),this.next(),this.finishNode(r,"NullLiteral");case o._true:case o._false:return
this.parseBooleanLiteral();case o.parenL:return this.parseParenAndDistinguishExpression(t);case

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```

o.bracketBarL:case o.bracketHashL:return
this.parseArrayLike(this.state.type===o.bracketBarL?o.bracketBarR:o.bracketR,!1,!0,e);case o.bracketL:return
this.parseArrayLike(o.bracketR,!0,!1,e);case o.braceBarL:case o.braceHashL:return
this.parseObjectLike(this.state.type===o.braceBarL?o.braceBarR:o.braceR,!1,!0,e);case o.braceL:return
this.parseObjectLike(o.braceR,!1,!1,e);case o._function:return this.parseFunctionOrFunctionSent();case
o.at:this.parseDecorators();case o._class:return r=this.startNode(),this.takeDecorators(r),this.parseClass(r,!1);case
o._new:return this.parseNewOrNewTarget();case o.backQuote:return this.parseTemplate(!1);case
o.doubleColon:{r=this.startNode(),this.next(),r.object=null;const
e=r.callee=this.parseNoCallExpr();if("MemberExpression"===e.type)return
this.finishNode(r,"BindExpression");throw this.raise(e.start,T.UnsupportedBind)}case o.privateName:{const
e=this.state.start,t=this.state.value;if(r=this.parsePrivateName(),this.match(o._in))this.expectPlugin("privateIn"),this.
classScope.usePrivateName(t,r.start);else{if(!this.hasPlugin("privateIn"))throw
this.unexpected(e);this.raise(this.state.start,T.PrivateInExpectedIn,t)}return r}case
o.hash:if(this.state.inPipeline)return
r=this.startNode(),"smart"!===this.getPluginOption("pipelineOperator","proposal")&&this.raise(r.start,T.PrimaryTop
icRequiresSmartPipeline),this.next(),this.primaryTopicReferenceIsAllowedInCurrentTopicContext()||this.raise(r.start
,T.PrimaryTopicNotAllowed),this.registerTopicReference(),this.finishNode(r,"PipelinePrimaryTopicReference");ca
se o.relational:if("<"===this.state.value){const
e=this.input.codePointAt(this.nextTokenStart());(C(e)||62===e)&&this.expectOnePlugin(["jsx","flow","typescript"]
)}default:throw this.unexpected()}parseAsyncArrowUnaryFunction(e){const
t=this.startNodeAtNode(e);this.prodParam.enter(oe(!0,this.prodParam.hasYield));const
r=[this.parseIdentifier()];return
this.prodParam.exit(),this.hasPrecedingLineBreak()&&this.raise(this.state.pos,T.LineTerminatorBeforeArrow),this.e
xpect(o.arrow),this.parseArrowExpression(t,r,!0,t)}parseDo(e){this.expectPlugin("doExpressions"),e&&this.expect
Plugin("asyncDoExpressions");const t=this.startNode();t.async=e,this.next();const r=this.state.labels;return
this.state.labels=[],e?(this.prodParam.enter(2),t.body=this.parseBlock(),this.prodParam.exit()):t.body=this.parseBloc
k(),this.state.labels=r,this.finishNode(t,"DoExpression")}parseSuper(){const e=this.startNode();return
this.next(),!this.match(o.parenL)||this.scope.allowDirectSuper||this.options.allowSuperOutsideMethod?this.scope.all
owSuper||this.options.allowSuperOutsideMethod||this.raise(e.start,T.UnexpectedSuper):this.raise(e.start,T.SuperNot
Allowed),this.match(o.parenL)||this.match(o.bracketL)||this.match(o.dot)||this.raise(e.start,T.UnsupportedSuper),this.
finishNode(e,"Super")}parseBooleanLiteral(){const e=this.startNode();return
e.value=this.match(o._true),this.next(),this.finishNode(e,"BooleanLiteral")}parseMaybePrivateName(e){return
this.match(o.privateName)?(e||this.raise(this.state.start+1,T.UnexpectedPrivateField),this.parsePrivateName()):this.p
arseIdentifier(!0)}parsePrivateName(){const e=this.startNode(),t=this.startNodeAt(this.state.start+1,new
h(this.state.curLine,this.state.start+1-this.state.lineStart)),r=this.state.value;return
this.next(),e.id=this.createIdentifier(t,r),this.finishNode(e,"PrivateName")}parseFunctionOrFunctionSent(){const
e=this.startNode();if(this.next(),this.prodParam.hasYield&&this.match(o.dot)){const
t=this.createIdentifier(this.startNodeAtNode(e),"function");return
this.next(),this.parseMetaProperty(e,t,"sent")}return
this.parseFunction(e)}parseMetaProperty(e,t,r){e.meta=t,"function"===t.name&&"sent"===r&&(this.isContextual(
r)?this.expectPlugin("functionSent"):this.hasPlugin("functionSent"))||this.unexpected();const
n=this.state.containsEsc;return
e.property=this.parseIdentifier(!0),(e.property.name!==r||n)&&this.raise(e.property.start,T.UnsupportedMetaPropert
y,t.name,r),this.finishNode(e,"MetaProperty")}parseImportMetaProperty(e){const
t=this.createIdentifier(this.startNodeAtNode(e),"import");return
this.next(),this.isContextual("meta")&&(this.inModule||this.raise(t.start,b.ImportMetaOutsideModule),this.sawUna
mbiguousESM=!0),this.parseMetaProperty(e,t,"meta")}parseLiteral(e,t,r,n){r=r||this.state.start,n=n||this.state.startLo
c;const i=this.startNodeAt(r,n);return

```

```

this.addExtra(i,"rawValue",e),this.addExtra(i,"raw",this.input.slice(r,this.state.end)),i.value=e,this.next(),this.finishNode(i,t)}parseParenAndDistinguishExpression(e){const t=this.state.start,r=this.state.startLoc;let n;this.next(),this.expressionScope.enter(new Ce(1));const i=this.state.maybeInArrowParameters,s=this.state.inFSharpPipelineDirectBody;this.state.maybeInArrowParameters=!0,this.state.inFSharpPipelineDirectBody=!1;const a=this.state.start,l=this.state.startLoc,c=[],p=new De,u={start:0};let d,h,f=!0;for(;!this.match(o.parenR);){if(f=!1;else if(this.expect(o.comma,u.start||null),this.match(o.parenR)){h=this.state.start;break}if(this.match(o.ellipsis)){const e=this.state.start,t=this.state.startLoc;d=this.state.start,c.push(this.parseParenItem(this.parseRestBinding(),e,t)),this.checkCommaAfterRest(41);break}c.push(this.parseMaybeAssignAllowIn(p,this.parseParenItem,u))}const m=this.state.lastTokEnd,y=this.state.lastTokEndLoc;this.expect(o.parenR),this.state.maybeInArrowParameters=i,this.state.inFSharpPipelineDirectBody=s;let T=this.startNodeAt(t,r);if(e&&this.shouldParseArrow())&&(T=this.parseArrow(T))return this.expressionScope.validateAsPattern(),this.expressionScope.exit(),this.parseArrowExpression(T,c,!1),T;if(this.expressionScope.exit(),c.length||this.unexpected(this.state.lastTokStart),h&&this.unexpected(h),d&&this.unexpected(d),this.checkExpressionErrors(p,!0),u.start&&this.unexpected(u.start),this.toReferencedListDeep(c,!0),c.length>1?(n=this.startNodeAt(a,l),n.expressions=c,this.finishNodeAt(n,"SequenceExpression",m,y)):n=c[0],!this.options.createParenthesizedExpressions)return this.addExtra(n,"parenthesized",!0),this.addExtra(n,"parenStart",t),n;const b=this.startNodeAt(t,r);return b.expression=n,this.finishNode(b,"ParenthesizedExpression"),b}shouldParseArrow(){return!this.canInsertSemicolon()}parseArrow(e){if(this.eat(o.arrow))return e}parseParenItem(e,t,r){return e}parseNewOrNewTarget(){const e=this.startNode();if(this.next(),this.match(o.dot)){const t=this.createIdentifier(this.startNodeAtNode(e),"new");this.next();const r=this.parseMetaProperty(e,t,"target");return this.scope.inNonArrowFunction||this.scope.inClass||this.raise(r.start,T.UnexpectedNewTarget),r}return this.parseNew(e)}parseNew(e){return e.callee=this.parseNoCallExpr(),"Import"===e.callee.type?this.raise(e.callee.start,T.ImportCallNotNewExpression):this.isOptionalChain(e.callee)?this.raise(this.state.lastTokEnd,T.OptionalChainingNoNew):this.eat(o.questionDot)&&this.raise(this.state.start,T.OptionalChainingNoNew),this.parseNewArguments(e),this.finishNode(e,"NewExpression")}parseNewArguments(e){if(this.eat(o.parenL)){const t=this.parseExprList(o.parenR);this.toReferencedList(t),e.arguments=t}else e.arguments=[]}parseTemplateElement(e){const t=this.startNode();return null===this.state.value&&(e||this.raise(this.state.start+1,T.InvalidEscapeSequenceTemplate)),t.value={raw:this.input.slice(this.state.start,this.state.end).replace(/r\n?/g,"n"),cooked:this.state.value},this.next(),t.tail=this.match(o.backQuote),this.finishNode(t,"TemplateElement")}parseTemplate(e){const t=this.startNode();this.next(),t.expressions=[];let r=this.parseTemplateElement(e);for(t.quasis=[r];!r.tail;)this.expect(o.dollarBraceL),t.expressions.push(this.parseTemplateSubstitution()),this.expect(o.braceR),t.quasis.push(r=this.parseTemplateElement(e));return this.next(),this.finishNode(t,"TemplateLiteral")}parseTemplateSubstitution(){return this.parseExpression()}parseObjectLike(e,t,r,n){r&&this.expectPlugin("recordAndTuple");const i=this.state.inFSharpPipelineDirectBody;this.state.inFSharpPipelineDirectBody=!1;const s=Object.create(null);let a=!0;const l=this.startNode();for(l.properties=[],this.next();!this.match(e);){if(a=!1;else if(this.expect(o.comma),this.match(e)){this.addExtra(l,"trailingComma",this.state.lastTokStart);break}const i=this.parsePropertyDefinition(t,n);t||this.checkProto(i,r,s,n),r&&!this.isObjectProperty(i)&&"SpreadElement"!==i.type&&this.raise(i.start,T.InvalidRecordProperty),i.shorthand&&this.addExtra(i,"shorthand",!0),l.properties.push(i)}this.state.exprAllowed=!1,this.next(),this.state.inFSharpPipelineDirectBody=i;let c="ObjectExpression";return t?c="ObjectPattern":r&&(c="RecordExpression"),this.finishNode(l,c)}maybeAsyncOrAccessorProp(e){return!e.computed&&"Identifier"===e.key.type&&(this.isLiteralPropertyName())||this.match(o.bracketL)||this.match(o.star))}parsePropertyDefinition(e,t){let r=[];if(this.match(o.at))for(this.hasPlugin("decorators")&&this.raise(this.state.start,T.UnsupportedPropertyDecorator

```

```

r);this.match(o.at);r.push(this.parseDecorator());const n=this.startNode();let
i,s,a=!1,l=!1,c=!1;if(this.match(o.ellipsis))return
r.length&&this.unexpected(),e?(this.next(),n.argument=this.parseIdentifier(),this.checkCommaAfterRest(125),this.fi
nishNode(n,"RestElement")):this.parseSpread();r.length&&(n.decorators=r,r=[]),n.method=!1,(e||t)&&(i=this.state.s
tart,s=this.state.startLoc),e||(a=this.eat(o.star));const
p=this.state.containsEsc,u=this.parsePropertyName(n,!1);if(!e&&!a&&!p&&this.maybeAsyncOrAccessorProp(n)){
const
e=u.name;"async"!==e||this.hasPrecedingLineBreak()||(l=!0,a=this.eat(o.star),this.parsePropertyName(n,!1)),"get"!=
=e&&"set"!==e||(c=!0,n.kind=e,this.match(o.star)&&(a=!0,this.raise(this.state.pos,T.AccessorIsGenerator,e),this.ne
xt()),this.parsePropertyName(n,!1))}return
this.parseObjPropValue(n,i,s,a,l,e,c,t,n)}getGetterSetterExpectedParamCount(e){return"get"===e.kind?0:1}getObjec
tOrClassMethodParams(e){return e.params}checkGetterSetterParams(e){var t;const
r=this.getGetterSetterExpectedParamCount(e),n=this.getObjectOrClassMethodParams(e),i=e.start;n.length!==r&&(
"get"===e.kind?this.raise(i,T.BadGetterArity):this.raise(i,T.BadSetterArity)),"set"===e.kind&&"RestElement"===(
null==(t=n[n.length-1])?void
0:t.type)&&this.raise(i,T.BadSetterRestParameter)}parseObjectMethod(e,t,r,n,i){return
i?(this.parseMethod(e,t,!1,!1,"ObjectMethod"),this.checkGetterSetterParams(e),e:r||t||this.match(o.parenL)?(n&&
this.unexpected(),e.kind="method",e.method=!0,this.parseMethod(e,t,r,!1,!1,"ObjectMethod")):void
0)}parseObjectProperty(e,t,r,n,i){return
e.shorthand=!1,this.eat(o.colon)?(e.value=n?this.parseMaybeDefault(this.state.start,this.state.startLoc):this.parseMa
ybeAssignAllowIn(i),this.finishNode(e,"ObjectProperty")):e.computed||"Identifier"!==e.key.type?void
0:(this.checkReservedWord(e.key.name,e.key.start,!0,!1),n?e.value=this.parseMaybeDefault(t,r,e.key.__clone()):thi
s.match(o.eq)&&i?(-
1===i.shorthandAssign&&(i.shorthandAssign=this.state.start),e.value=this.parseMaybeDefault(t,r,e.key.__clone()))
:e.value=e.key.__clone(),e.shorthand=!0,this.finishNode(e,"ObjectProperty"))}parseObjPropValue(e,t,r,n,i,s,a,o){co
nst l=this.parseObjectMethod(e,n,i,s,a)||this.parseObjectProperty(e,t,r,s,o);return
l||this.unexpected(),l}parsePropertyName(e,t){if(this.eat(o.bracketL))e.computed=!0,e.key=this.parseMaybeAssign
AllowIn(),this.expect(o.bracketR);else{const r=this.state.inPropertyName;this.state.inPropertyName=!0;const
n=this.state.type;e.key=n===o.num||n===o.string||n===o.bigint||n===o.decimal?this.parseExprAtom():this.parseMa
ybePrivateName(t,n)!==o.privateName&&(e.computed=!1),this.state.inPropertyName=r}return
e.key}initFunction(e,t){e.id=null,e.generator=!1,e.async=!1}parseMethod(e,t,r,n,i,s,a=!1){this.initFunction(e,r),e.ge
nerator=!1;t;const o=n;return
this.scope.enter(18|(a?64:0)|(i?32:0)),this.prodParam.enter(oe(r,e.generator)),this.parseFunctionParams(e,o),this.pars
eFunctionBodyAndFinish(e,s,!0),this.prodParam.exit(),this.scope.exit(),e}parseArrayLike(e,t,r,n){r&&this.expectPl
ugin("recordAndTuple");const
i=this.state.inFSharpPipelineDirectBody;this.state.inFSharpPipelineDirectBody=!1;const s=this.startNode();return
this.next(),s.elements=this.parseExprList(e,!r,n,s),this.state.inFSharpPipelineDirectBody=i,this.finishNode(s,r?"Tupl
eExpression":"ArrayExpression")}parseArrowExpression(e,t,r,n){this.scope.enter(6);let
i=oe(r,!1);!this.match(o.bracketL)&&this.prodParam.hasIn&&(i|=8),this.prodParam.enter(i),this.initFunction(e,r);co
nst s=this.state.maybeInArrowParameters;return
t&&(this.state.maybeInArrowParameters=!0,this.setArrowFunctionParameters(e,t,n)),this.state.maybeInArrowPara
meters=!1,this.parseFunctionBody(e,!0),this.prodParam.exit(),this.scope.exit(),this.state.maybeInArrowParameters=
s,this.finishNode(e,"ArrowFunctionExpression")}setArrowFunctionParameters(e,t,r){e.params=this.toAssignableLi
st(t,r,!1)}parseFunctionBodyAndFinish(e,t,r=!1){this.parseFunctionBody(e,!1,r),this.finishNode(e,t)}parseFunction
Body(e,t,r=!1){const
n=t&&!this.match(o.braceL);if(this.expressionScope.enter(ke()),n)e.body=this.parseMaybeAssign(),this.checkPara
ms(e,!1,t,!1);else{const
n=this.state.strict,i=this.state.labels;this.state.labels=[],this.prodParam.enter(4|this.prodParam.currentFlags()),e.body

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```

=this.parseBlock(!0,!1,i=>{const s=!this.isSimpleParamList(e.params);if(i&&s){const
t="method"!==e.kind&&"constructor"!==e.kind||!e.key?e.start:e.key.end;this.raise(t,T.IllegalLanguageModeDirecti
ve)}const
a=!n&&this.state.strict;this.checkParams(e,!this.state.strict||t||r||s,t,a),this.state.strict&&e.id&&this.checkLVal(e.id,
"function name",65,void 0,void
0,a)),this.prodParam.exit(),this.expressionScope.exit(),this.state.labels=i}}isSimpleParamList(e){for(let
t=0,r=e.length;t<r;t++)if("Identifier"!==e[t].type)return!1;return!0}checkParams(e,t,r,n=!0){const i=new
Set;for(const r of e.params)this.checkLVal(r,"function parameter list",5,t?null:i,void
0,n)}parseExprList(e,t,r,n){const i=[];let s=!0;for(;!this.eat(e);){if(s)s=!1;else
if(this.expect(o.comma),this.match(e)){n&&this.addExtra(n,"trailingComma",this.state.lastTokStart),this.next();bre
ak}i.push(this.parseExprListItem(t,r))}return i}parseExprListItem(e,t,r,n){let
i;if(this.match(o.comma))e||this.raise(this.state.pos,T.UnexpectedToken,""),i=null;else
if(this.match(o.ellipsis)){const
e=this.state.start,n=this.state.startLoc;i=this.parseParenItem(this.parseSpread(t,r),e,n)}else
if(this.match(o.question)){this.expectPlugin("partialApplication"),n||this.raise(this.state.start,T.UnexpectedArgumen
tPlaceholder);const e=this.startNode();this.next(),i=this.finishNode(e,"ArgumentPlaceholder")}else
i=this.parseMaybeAssignAllowIn(t,this.parseParenItem,r);return i}parseIdentifier(e){const
t=this.startNode(),r=this.parseIdentifierName(t.start,e);return this.createIdentifier(t,r)}createIdentifier(e,t){return
e.name=t,e.loc.identifierName=t,this.finishNode(e,"Identifier")}parseIdentifierName(e,t){let
r;const{start:n,type:i}=this.state;if(i===o.name)r=this.state.value;else{if(!i.keyword)throw
this.unexpected();{r=i.keyword;const
e=this.curContext();i!==o._class&&i!==o._function||e!==x.functionStatement&&e!==x.functionExpression||this.stat
e.context.pop()}}return
t?this.state.type=o.name:this.checkReservedWord(r,n,!i.keyword,!1),this.next(),r}checkReservedWord(e,t,r,n){if(th
is.prodParam.hasYield&&"yield"===e)return void
this.raise(t,T.YieldBindingIdentifier);if("await"===e){if(this.prodParam.hasAwait)return void
this.raise(t,T.AwaitBindingIdentifier);if(this.scope.inStaticBlock&&!this.scope.inNonArrowFunction)return void
this.raise(t,T.AwaitBindingIdentifierInStaticBlock);this.expressionScope.recordAsyncArrowParametersError(t,T.A
waitBindingIdentifier)}if(this.scope.inClass&&!this.scope.inNonArrowFunction&&"arguments"===e)return void
this.raise(t,T.ArgumentsInClass);if(r&&U(e))return void
this.raise(t,T.UnexpectedKeyword,e);(this.state.strict?n?B:F:j)(e,this.inModule)&&this.raise(t,T.UnexpectedReserve
dWord,e)}isAwaitAllowed(){return!!this.prodParam.hasAwait||!(this.options.allowAwaitOutsideFunction||this.scop
e.inFunction)}parseAwait(e,t){const r=this.startNodeAt(e,t);return
this.expressionScope.recordParameterInitializerError(r.start,T.AwaitExpressionFormalParameter),this.eat(o.star)&&
this.raise(r.start,T.ObsoleteAwaitStar),this.scope.inFunction||this.options.allowAwaitOutsideFunction||(this.isAmbig
uousAwait()?this.ambiguousScriptDifferentAst=!0:this.sawUnambiguousESM=!0),this.state.soloAwait||(r.argument
=this.parseMaybeUnary(null,!0)),this.finishNode(r,"AwaitExpression")}isAmbiguousAwait(){return
this.hasPrecedingLineBreak()||this.match(o.plusMin)||this.match(o.parenL)||this.match(o.bracketL)||this.match(o.bac
kQuote)||this.match(o.regex)||this.match(o.slash)||this.hasPlugin("v8intrinsic")&&this.match(o.modulo)}parseYield
(){const e=this.startNode();return
this.expressionScope.recordParameterInitializerError(e.start,T.YieldInParameter),this.next(),this.match(o.semi)||!this
.match(o.star)&&!this.state.type.startsExpr||this.hasPrecedingLineBreak()?e.delegate=!1,e.argument=null):(e.deleg
ate=this.eat(o.star),e.argument=this.parseMaybeAssign()),this.finishNode(e,"YieldExpression")}checkPipelineAtInf
ixOperator(e,t){"smart"===this.getPluginOption("pipelineOperator","proposal")&&"SequenceExpression"===e.type
&&this.raise(t,T.PipelineHeadSequenceExpression)}parseSmartPipelineBody(e,t,r){return
this.checkSmartPipelineBodyEarlyErrors(e,t),this.parseSmartPipelineBodyInStyle(e,t,r)}checkSmartPipelineBodyE
arlyErrors(e,t){if(this.match(o.arrow))throw
this.raise(this.state.start,T.PipelineBodyNoArrow);"SequenceExpression"===e.type&&this.raise(t,T.PipelineBodyS

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quenceExpression))parseSmartPipelineBodyInStyle(e,t,r){const
n=this.startNodeAt(t,r),i=this.isSimpleReference(e);return
i?n.callee=(this.topicReferenceWasUsedInCurrentTopicContext())||this.raise(t,T.PipelineTopicUnused),n.expression=e,this.finishNode(n,i?"PipelineBareFunction":"PipelineTopicExpression")}isSimpleReference(e){switch(e.type){case"MemberExpression":return!e.computed&&this.isSimpleReference(e.object);case"Identifier":return!0;default:return!1}}withTopicPermittingContext(e){const
t=this.state.topicContext;this.state.topicContext={maxNumOfResolvableTopics:1,maxTopicIndex:null};try{return e()}finally{this.state.topicContext=t}}withTopicForbiddingContext(e){const
t=this.state.topicContext;this.state.topicContext={maxNumOfResolvableTopics:0,maxTopicIndex:null};try{return e()}finally{this.state.topicContext=t}}withSoloAwaitPermittingContext(e){const
t=this.state.soloAwait;this.state.soloAwait=!0;try{return e()}finally{this.state.soloAwait=t}}allowInAnd(e){const
t=this.prodParam.currentFlags();if(8&~t){this.prodParam.enter(8&t);try{return e()}finally{this.prodParam.exit()}}return e()}disallowInAnd(e){const
t=this.prodParam.currentFlags();if(8&t){this.prodParam.enter(-9&t);try{return e()}finally{this.prodParam.exit()}}return e()}registerTopicReference(){this.state.topicContext.maxTopicIndex=0}primaryTopicReferenceIsAllowedInCurrentTopicContext(){return
this.state.topicContext.maxNumOfResolvableTopics>=1}topicReferenceWasUsedInCurrentTopicContext(){return
null!=this.state.topicContext.maxTopicIndex&&this.state.topicContext.maxTopicIndex>=0}parseFSharpPipelineBody(e){const t=this.state.start,r=this.state.startLoc;this.state.potentialArrowAt=this.state.start;const
n=this.state.inFSharpPipelineDirectBody;this.state.inFSharpPipelineDirectBody=!0;const
i=this.parseExprOp(this.parseMaybeUnary(),t,r,e);return
this.state.inFSharpPipelineDirectBody=n,i}parseModuleExpression(){this.expectPlugin("moduleBlocks");const
e=this.startNode();this.next(),this.eat(o.braceL);const t=this.initializeScopes(!0);this.enterInitialScopes();const
r=this.startNode();try{e.body=this.parseProgram(r,o.braceR,"module")}finally{t}return
this.eat(o.braceR),this.finishNode(e,"ModuleExpression")}}{parseTopLevel(e,t){return
e.program=this.parseProgram(t),e.comments=this.state.comments,this.options.tokens&&(e.tokens=function(e){for(let t=0;t<e.length;t++){const r=e[t];if(r.type===o.privateName){const{loc:n,start:i,value:s,end:a}=r,l=i+1,c=new
h(n.start.line,n.start.column+1);e.splice(t,1,new
Ae({type:o.hash,value:"#",start:i,end:l,startLoc:n.start,endLoc:c}),new
Ae({type:o.name,value:s,start:l,end:a,startLoc:c,endLoc:n.end})}})}return
e}(this.tokens)),this.finishNode(e,"File")}parseProgram(e,t=o.eof,r=this.options.sourceType){if(e.sourceType=r,e.in
terpreter=this.parseInterpreterDirective(),this.parseBlockBody(e,!0,!0,t),this.inModule&&!this.options.allowUndecl
aredExports&&this.scope.undefinedExports.size>0)for(const[e]of Array.from(this.scope.undefinedExports)){const
t=this.scope.undefinedExports.get(e);this.raise(t,T.ModuleExportUndefined,e)}return
this.finishNode(e,"Program")}stmtToDirective(e){const
t=e.expression,r=this.startNodeAt(t.start,t.loc.start),n=this.startNodeAt(e.start,e.loc.start),i=this.input.slice(t.start,t.en
d),s=r.value=i.slice(1,-1);return
this.addExtra(r,"raw",i),this.addExtra(r,"rawValue",s),n.value=this.finishNodeAt(r,"DirectiveLiteral",t.end,t.loc.end),this.finishNodeAt(n,"Directive",e.end,e.loc.end)}parseInterpreterDirective(){if(!this.match(o.interpreterDirective))r
eturn null;const e=this.startNode();return
e.value=this.state.value,this.next(),this.finishNode(e,"InterpreterDirective")}isLet(e){return!!this.isContextual("let")
&&this.isLetKeyword(e)}isLetKeyword(e){const
t=this.nextTokenStart(),r=this.input.charCodeAt(t);if(92===r||91===r)return!0;if(e)return!1;if(123===r)return!0;if(
C(r)){let e=t+1;for(;N(this.input.charCodeAt(e));)++e;const
r=this.input.slice(t,e);if(!V.test(r))return!0}return!1}parseStatement(e,t){return
this.match(o.at)&&this.parseDecorators(!0),this.parseStatementContent(e,t)}parseStatementContent(e,t){let
r=this.state.type;const n=this.startNode();let i;switch(this.isLet(e)&&(r=o._var,i="let"),r){case o._break:case

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o._continue:return this.parseBreakContinueStatement(n,r.keyword);case o._debugger:return
this.parseDebuggerStatement(n);case o._do:return this.parseDoStatement(n);case o._for:return
this.parseForStatement(n);case o._function:if(46===this.lookaheadCharCode())break;return
e&&(this.state.strict?this.raise(this.state.start,T.StrictFunction):"if"!==e&&"label"!==e&&this.raise(this.state.start,
T.SloppyFunction)),this.parseFunctionStatement(n,!1,e);case o._class:return
e&&this.unexpected(),this.parseClass(n,!0);case o._if:return this.parseIfStatement(n);case o._return:return
this.parseReturnStatement(n);case o._switch:return this.parseSwitchStatement(n);case o._throw:return
this.parseThrowStatement(n);case o._try:return this.parseTryStatement(n);case o._const:case o._var:return
i=i||this.state.value,e&&"var"!==i&&this.raise(this.state.start,T.UnexpectedLexicalDeclaration),this.parseVarStatem
ent(n,i);case o._while:return this.parseWhileStatement(n);case o._with:return this.parseWithStatement(n);case
o.braceL:return this.parseBlock();case o.semi:return this.parseEmptyStatement(n);case o._import:{const
e=this.lookaheadCharCode();if(40===e||46===e)break}case o._export:{let e;return
this.options.allowImportExportEverywhere||t||this.raise(this.state.start,T.UnexpectedImportExport),this.next(),r===o
._import?(e=this.parseImport(n,"ImportDeclaration"!==e.type||e.importKind&&"value"!==e.importKind||(this.saw
UnambiguousESM=!0)):e=this.parseExport(n,"ExportNamedDeclaration"!==e.type||e.exportKind&&"value"!==e
.exportKind)&&("ExportAllDeclaration"!==e.type||e.exportKind&&"value"!==e.exportKind)&&"ExportDefaultDe
claration"!==e.type||(this.sawUnambiguousESM=!0)),this.assertModuleNodeAllowed(n,e)}default:if(this.isAsyncFu
nction())return
e&&this.raise(this.state.start,T.AsyncFunctionInSingleStatementContext),this.next(),this.parseFunctionStatement(n,
!0,!e)}const s=this.state.value,a=this.parseExpression();return
r===o.name&&"Identifier"===a.type&&this.eat(o.colon)?this.parseLabeledStatement(n,s,a,e):this.parseExpression
Statement(n,a)}assertModuleNodeAllowed(e){this.options.allowImportExportEverywhere||this.inModule||this.raise(
e.start,b.ImportOutsideModule)}takeDecorators(e){const
t=this.state.decoratorStack[this.state.decoratorStack.length-
1];t.length&&(e.decorators=t,this.resetStartLocationFromNode(e,t[0]),this.state.decoratorStack[this.state.decoratorS
tack.length-1]=[])}canHaveLeadingDecorator(){return this.match(o._class)}parseDecorators(e){const
t=this.state.decoratorStack[this.state.decoratorStack.length-1];for(;this.match(o.at);){const
e=this.parseDecorator();t.push(e)}if(this.match(o._export))e||this.unexpected(),this.hasPlugin("decorators")&&!this.
getPluginOption("decorators","decoratorsBeforeExport")&&this.raise(this.state.start,T.DecoratorExportClass);else
if(!this.canHaveLeadingDecorator())throw
this.raise(this.state.start,T.UnexpectedLeadingDecorator)}parseDecorator(){this.expectOnePlugin(["decorators-
legacy","decorators"]);const
e=this.startNode();if(this.next(),this.hasPlugin("decorators")){this.state.decoratorStack.push([]);const
t=this.state.start,r=this.state.startLoc;let n;if(this.eat(o.parenL))n=this.parseExpression(),this.expect(o.parenR);else
for(n=this.parseIdentifier(!1);this.eat(o.dot);){const
e=this.startNodeAt(t,r);e.object=n,e.property=this.parseIdentifier(!0),e.computed=!1,n=this.finishNode(e,"MemberE
xpression")}e.expression=this.parseMaybeDecoratorArguments(n),this.state.decoratorStack.pop()}else
e.expression=this.parseExprSubscripts();return
this.finishNode(e,"Decorator")}parseMaybeDecoratorArguments(e){if(this.eat(o.parenL)){const
t=this.startNodeAtNode(e);return
t.callee=e,t.arguments=this.parseCallExpressionArguments(o.parenR,!1),this.toReferencedList(t.arguments),this.fini
shNode(t,"CallExpression")}return e}parseBreakContinueStatement(e,t){const r="break"===t;return
this.next(),this.isLineTerminator()?e.label=null:(e.label=this.parseIdentifier(),this.semicolon(),this.verifyBreakCont
inue(e,t),this.finishNode(e,r?"BreakStatement":"ContinueStatement"))}verifyBreakContinue(e,t){const
r="break"===t;let n;for(n=0;n<this.state.labels.length;++n){const
t=this.state.labels[n];if(null===e.label||t.name===e.label.name){if(null!=t.kind&&(r||"loop"===t.kind))break;if(e.labe
l&&r)break}}n===this.state.labels.length&&this.raise(e.start,T.IllegalBreakContinue,t)}parseDebuggerStatement(e
){return

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this.next(),this.semicolon(),this.finishNode(e,"DebuggerStatement")}parseHeaderExpression(){this.expect(o.parenL
);const e=this.parseExpression();return this.expect(o.parenR),e}parseDoStatement(e){return
this.next(),this.state.labels.push(Me),e.body=this.withTopicForbiddingContext(=>this.parseStatement("do")),this.s
tate.labels.pop(),this.expect(o._while),e.test=this.parseHeaderExpression(),this.eat(o.semi),this.finishNode(e,"DoWh
ileStatement")}parseForStatement(e){this.next(),this.state.labels.push(Me);let t=-
1;if(this.isAwaitAllowed())&&this.eatContextual("await")&&(t=this.state.lastTokStart),this.scope.enter(0),this.expec
t(o.parenL),this.match(o.semi))return t>-1&&this.unexpected(t),this.parseFor(e,null);const
r=this.isContextual("let"),n=r&&this.isLetKeyword();if(this.match(o._var)||this.match(o._const)||n){const
r=this.startNode(),i=n?"let":this.state.value;return
this.next(),this.parseVar(r,!0,i),this.finishNode(r,"VariableDeclaration"),(this.match(o._in)||this.isContextual("of"))
&&1===r.declarations.length?this.parseForIn(e,r,t):(t>-1&&this.unexpected(t),this.parseFor(e,r))}const
i=this.match(o.name)&&!this.state.containsEsc,s=new
De,a=this.parseExpression(!0,s),l=this.isContextual("of");if(l&&(r?this.raise(a.start,T.ForOfLet):-
1===t&&i&&"Identifier"===a.type&&"async"===a.name&&this.raise(a.start,T.ForOfAsync)),l||this.match(o._in))
{this.toAssignable(a,!0);const r=l?"for-of statement":"for-in statement";return
this.checkLVal(a,r),this.parseForIn(e,a,t)}return this.checkExpressionErrors(s,!0),t>-
1&&this.unexpected(t),this.parseFor(e,a)}parseFunctionStatement(e,t,r){return
this.next(),this.parseFunction(e,1|(r?0:2),t)}parseIfStatement(e){return
this.next(),e.test=this.parseHeaderExpression(),e.consequent=this.parseStatement("if"),e.alternate=this.eat(o._else)?t
his.parseStatement("if"):null,this.finishNode(e,"IfStatement")}parseReturnStatement(e){return
this.prodParam.hasReturn||this.options.allowReturnOutsideFunction||this.raise(this.state.start,T.IllegalReturn),this.ne
xt(),this.isLineTerminator()?e.argument=null:(e.argument=this.parseExpression(),this.semicolon(),this.finishNode(
e,"ReturnStatement"))}parseSwitchStatement(e){this.next(),e.discriminant=this.parseHeaderExpression();const
t=e.cases=[];let
r,n;for(this.expect(o.braceL),this.state.labels.push(je),this.scope.enter(0);!this.match(o.braceR);)if(this.match(o._cas
e)||this.match(o._default)){const
e=this.match(o._case);r&&this.finishNode(r,"SwitchCase"),t.push(r=this.startNode()),r.consequent=[],this.next(),e?r
.test=this.parseExpression():(n&&this.raise(this.state.lastTokStart,T.MultipleDefaultsInSwitch),n=!0,r.test=null),this
.expect(o.colon)}else r?r.consequent.push(this.parseStatement(null)):this.unexpected();return
this.scope.exit(),r&&this.finishNode(r,"SwitchCase"),this.next(),this.state.labels.pop(),this.finishNode(e,"SwitchStat
ement")}parseThrowStatement(e){return
this.next(),this.hasPrecedingLineBreak())&&this.raise(this.state.lastTokEnd,T.NewlineAfterThrow),e.argument=this.
parseExpression(),this.semicolon(),this.finishNode(e,"ThrowStatement")}parseCatchClauseParam(){const
e=this.parseBindingAtom(),t="Identifier"===e.type;return this.scope.enter(t?8:0),this.checkLVal(e,"catch
clause",9),e}parseTryStatement(e){if(this.next(),e.block=this.parseBlock(),e.handler=null,this.match(o._catch)){const
t=this.startNode();this.next(),this.match(o.parenL)?(this.expect(o.parenL),t.param=this.parseCatchClauseParam(),thi
s.expect(o.parenR)):(t.param=null,this.scope.enter(0)),t.body=this.withTopicForbiddingContext(=>this.parseBlock
(!1,!1),this.scope.exit(),e.handler=this.finishNode(t,"CatchClause"))}return
e.finalizer=this.eat(o._finally)?this.parseBlock():null,e.handler||e.finalizer||this.raise(e.start,T.NoCatchOrFinally),this
.finishNode(e,"TryStatement")}parseVarStatement(e,t){return
this.next(),this.parseVar(e,!1,t),this.semicolon(),this.finishNode(e,"VariableDeclaration")}parseWhileStatement(e){r
eturn
this.next(),e.test=this.parseHeaderExpression(),this.state.labels.push(Me),e.body=this.withTopicForbiddingContext(
=>this.parseStatement("while")),this.state.labels.pop(),this.finishNode(e,"WhileStatement")}parseWithStatement(e
){return
this.state.strict&&this.raise(this.state.start,T.StrictWith),this.next(),e.object=this.parseHeaderExpression(),e.body=th
is.withTopicForbiddingContext(=>this.parseStatement("with")),this.finishNode(e,"WithStatement")}parseEmptyS

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atement(e){return this.next(),this.finishNode(e,"EmptyStatement")}parseLabeledStatement(e,t,r,n){for(const e of
this.state.labels)e.name===t&&this.raise(r.start,T.LabelRedeclaration,t);const
i=this.state.type.isLoop?"loop":this.match(o._switch)?"switch":null;for(let t=this.state.labels.length-1;t>=0;t--
){const r=this.state.labels[t];if(r.statementStart!==e.start)break;r.statementStart=this.state.start,r.kind=i}return
this.state.labels.push({name:t,kind:i,statementStart:this.state.start}),e.body=this.parseStatement(n?-
1===n.indexOf("label"?n+"label":n:"label"),this.state.labels.pop(),e.label=r,this.finishNode(e,"LabeledStatement")
}parseExpressionStatement(e,t){return
e.expression=t,this.semicolon(),this.finishNode(e,"ExpressionStatement")}parseBlock(e=!1,t=!0,r){const
n=this.startNode();return
e&&this.state.strictErrors.clear(),this.expect(o.braceL),t&&this.scope.enter(0),this.parseBlockBody(n,e,!1,o.braceR,
r),t&&this.scope.exit(),this.finishNode(n,"BlockStatement")}isValidDirective(e){return"ExpressionStatement"===e
.type&&"StringLiteral"===e.expression.type&&!e.expression.extra.parenthesized}parseBlockBody(e,t,r,n,i){const
s=e.body=[],a=e.directives=[];this.parseBlockOrModuleBlockBody(s,t?a:void
0,r,n,i)}parseBlockOrModuleBlockBody(e,t,r,n,i){const s=this.state.strict;let a=!1,o=!1;for(;!this.match(n);){const
n=this.parseStatement(null,r);if(t&&!o){if(this.isValidDirective(n)){const
e=this.stmtToDirective(n);t.push(e,a||"use
strict"!==e.value.value||(a=!0,this.setStrict(!0));continue}o=!0,this.state.strictErrors.clear()}e.push(n)}i&&i.call(this
,a),s||this.setStrict(!1),this.next()}parseFor(e,t){return
e.init=t,this.semicolon(!1),e.test=this.match(o.semi)?null:this.parseExpression(),this.semicolon(!1),e.update=this.ma
tch(o.parenR)?null:this.parseExpression(),this.expect(o.parenR),e.body=this.withTopicForbiddingContext(=>this.
parseStatement("for")),this.scope.exit(),this.state.labels.pop(),this.finishNode(e,"ForStatement")}parseForIn(e,t,r){c
onst n=this.match(o._in);return this.next(),n?r>-1&&this.unexpected(r):e.await=r>-
1,"VariableDeclaration"!==t.type||null===t.declarations[0].init||n&&!this.state.strict&&"var"===t.kind&&"Identifier
"===t.declarations[0].id.type?"AssignmentPattern"===t.type&&this.raise(t.start,T.InvalidLhs,"for-
loop"):this.raise(t.start,T.ForInOfLoopInitializer,n?"for-in":"for-
of"),e.left=t,e.right=n?this.parseExpression():this.parseMaybeAssignAllowIn(),this.expect(o.parenR),e.body=this.wi
thTopicForbiddingContext(=>this.parseStatement("for")),this.scope.exit(),this.state.labels.pop(),this.finishNode(e,
n?"ForInStatement":"ForOfStatement")}parseVar(e,t,r){const
n=e.declarations=[],i=this.hasPlugin("typescript");for(e.kind=r;);const
e=this.startNode();if(this.parseVarId(e,r),this.eat(o.eq)?e.init=t?this.parseMaybeAssignDisallowIn():this.parseMayb
eAssignAllowIn():("const"!==r||this.match(o._in)||this.isContextual("of")?"Identifier"===e.id.type||t&&(this.match(
o._in)||this.isContextual("of"))||this.raise(this.state.lastTokEnd,T.DeclarationMissingInitializer,"Complex binding
patterns"):i||this.raise(this.state.lastTokEnd,T.DeclarationMissingInitializer,"Const
declarations"),e.init=null),n.push(this.finishNode(e,"VariableDeclarator")),!this.eat(o.comma))break}return
e}parseVarId(e,t){e.id=this.parseBindingAtom(),this.checkLVal(e.id,"variable declaration","var"===t?5:9,void
0,"var"!==t)}parseFunction(e,t=0,r=!1){const
n=1&t,i=2&t,s=!(!n||4&t);this.initFunction(e,r),this.match(o.star)&&i&&this.raise(this.state.start,T.GeneratorInSing
leStatementContext),e.generator=this.eat(o.star),n&&(e.id=this.parseFunctionId(s));const
a=this.state.maybeInArrowParameters;return
this.state.maybeInArrowParameters=!1,this.scope.enter(2),this.prodParam.enter(oe(r,e.generator)),n||e.id=this.parse
FunctionId(),this.parseFunctionParams(e,!1),this.withTopicForbiddingContext(=>{this.parseFunctionBodyAndFi
nish(e,n?"FunctionDeclaration":"FunctionExpression"))},this.prodParam.exit(),this.scope.exit(),n&&!i&&this.regist
erFunctionStatementId(e),this.state.maybeInArrowParameters=a,e}parseFunctionId(e){return
e||this.match(o.name)?this.parseIdentifier():null}parseFunctionParams(e,t){this.expect(o.parenL),this.expressionSco
pe.enter(new
Ie(3)),e.params=this.parseBindingList(o.parenR,41,!1,t),this.expressionScope.exit()}registerFunctionStatementId(e)
{e.id&&this.scope.declareName(e.id.name,this.state.strict||e.generator||e.async?this.scope.treatFunctionsAsVar?5:9:
17,e.id.start)}parseClass(e,t,r){this.next(),this.takeDecorators(e);const n=this.state.strict;return

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```

this.state.strict=!0,this.parseClassId(e,t,r),this.parseClassSuper(e),e.body=this.parseClassBody(!e.superClass,n),this
.finishNode(e,t?"ClassDeclaration":"ClassExpression")}isClassProperty(){return
this.match(o.eq)||this.match(o.semi)||this.match(o.braceR)}isClassMethod(){return
this.match(o.parenL)}isNonstaticConstructor(e){return!(e.computed||e.static||"constructor"!==e.key.name&&"constr
uctor"!==e.key.value)}parseClassBody(e,t){this.classScope.enter();const
r={hadConstructor:!1,hadSuperClass:e};let n=[];const
i=this.startNode();if(i.body=[],this.expect(o.braceL),this.withTopicForbiddingContext(=>{for(;!this.match(o.brace
R);){if(this.eat(o.semi)){if(n.length>0)throw
this.raise(this.state.lastTokEnd,T.DecoratorSemicolon);continue}if(this.match(o.at)){n.push(this.parseDecorator());c
ontinue}const
e=this.startNode();n.length&&(e.decorators=n,this.resetStartLocationFromNode(e,n[0]),n=[]),this.parseClassMemb
er(i,e,r),"constructor"===e.kind&&e.decorators&&e.decorators.length>0&&this.raise(e.start,T.DecoratorConstructo
r)}),this.state.strict=t,this.next(),n.length)throw this.raise(this.state.start,T.TrailingDecorator);return
this.classScope.exit(),this.finishNode(i,"ClassBody")}parseClassMemberFromModifier(e,t){const
r=this.parseIdentifier(!0);if(this.isClassMethod()){const n=t;return
n.kind="method",n.computed=!1,n.key=r,n.static=!1,this.pushClassMethod(e,n,!1,!1,!1,!1,!1,!1)}if(this.isClassPropert
y()){const n=t;return
n.computed=!1,n.key=r,n.static=!1,e.body.push(this.parseClassProperty(n),!0)}return!1}parseClassMember(e,t,r){c
onst
n=this.isContextual("static");if(n){if(this.parseClassMemberFromModifier(e,t))return;if(this.eat(o.braceL))return
void
this.parseClassStaticBlock(e,t)}this.parseClassMemberWithIsStatic(e,t,r,n)}parseClassMemberWithIsStatic(e,t,r,n){
const i=t,s=t,a=t,l=t,c=i,p=i;if(t.static=n,this.eat(o.star)){c.kind="method";const t=this.match(o.privateName);return
this.parseClassElementName(c),t?void
this.pushClassPrivateMethod(e,s,!0,!1):(this.isNonstaticConstructor(i)&&this.raise(i.key.start,T.ConstructorIsGener
ator),void this.pushClassMethod(e,i,!0,!1,!1,!1))}const
u=this.state.containsEsc,d=this.match(o.privateName),h=this.parseClassElementName(t),f="Identifier"===h.type,m
=this.state.start;if(this.parsePostMemberNameModifiers(p),this.isClassMethod()){if(c.kind="method",d)return void
this.pushClassPrivateMethod(e,s,!1,!1);const n=this.isNonstaticConstructor(i);let
a=!1;n&&(i.kind="constructor",r.hadConstructor&&this.hasPlugin("typescript")&&this.raise(h.start,T.DuplicateCo
nstructor),n&&this.hasPlugin("typescript")&&t.override&&this.raise(h.start,T.OverrideOnConstructor),r.hadConstr
uctor=!0,a=r.hadSuperClass),this.pushClassMethod(e,i,!1,!1,n,a)}else
if(this.isClassProperty())d?this.pushClassPrivateProperty(e,l):this.pushClassProperty(e,a);else
if(!f||"async"!==h.name||u||this.isLineTerminator())if(!f||"get"!==h.name&&"set"!==h.name||u||this.match(o.star)&&
this.isLineTerminator())this.isLineTerminator()?d?this.pushClassPrivateProperty(e,l):this.pushClassProperty(e,a):thi
s.unexpected();else{c.kind=h.name;const
t=this.match(o.privateName);this.parseClassElementName(i),t?this.pushClassPrivateMethod(e,s,!1,!1):(this.isNonst
aticConstructor(i)&&this.raise(i.key.start,T.ConstructorIsAccessor),this.pushClassMethod(e,i,!1,!1,!1,!1),this.check
GetterSetterParams(i)}else{const t=this.eat(o.star);p.optional&&this.unexpected(m),c.kind="method";const
r=this.match(o.privateName);this.parseClassElementName(c),this.parsePostMemberNameModifiers(p),r?this.pushC
lassPrivateMethod(e,s,t,!0):(this.isNonstaticConstructor(i)&&this.raise(i.key.start,T.ConstructorIsAsync),this.pushC
lassMethod(e,i,t,!0,!1,!1))}parseClassElementName(e){const{type:t,value:r,start:n}=this.state;return
t!==o.name&&t!==o.string||!e.static||"prototype"!==r||this.raise(n,T.StaticPrototype),t===o.privateName&&"constr
uctor"===r&&this.raise(n,T.ConstructorClassPrivateField),this.parsePropertyName(e,!0)}parseClassStaticBlock(e,t
){var r;this.expectPlugin("classStaticBlock",t.start),this.scope.enter(208);const
n=this.state.labels;this.state.labels=[],this.prodParam.enter(0);const
i=t.body=[];this.parseBlockOrModuleBlockBody(i,void
0,!1,o.braceR),this.prodParam.exit(),this.scope.exit(),this.state.labels=n,e.body.push(this.finishNode(t,"StaticBlock")

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),null!=(r=t.decorators)&&r.length&&this.raise(t.start,T.DecoratorStaticBlock)}pushClassProperty(e,t){t.computed||
"constructor"!==t.key.name&&"constructor"!==t.key.value||this.raise(t.key.start,T.ConstructorClassField),e.body.push(
sh(this.parseClassProperty(t))}pushClassPrivateProperty(e,t){const
r=this.parseClassPrivateProperty(t);e.body.push(r),this.classScope.declarePrivateName(this.getPrivateNameSV(r.ke
y),0,r.key.start)}pushClassMethod(e,t,r,n,i,s){e.body.push(this.parseMethod(t,r,n,i,s,"ClassMethod",!0))}pushClass
PrivateMethod(e,t,r,n){const i=this.parseMethod(t,r,n,!1,!1,"ClassPrivateMethod",!0);e.body.push(i);const
s="get"===i.kind?i.static?6:2:"set"===i.kind?i.static?5:1:0;this.classScope.declarePrivateName(this.getPrivateName
SV(i.key),s,i.key.start)}parsePostMemberNameModifiers(e){}parseClassPrivateProperty(e){return
this.parseInitializer(e),this.semicolon(),this.finishNode(e,"ClassPrivateProperty")}parseClassProperty(e){return
this.parseInitializer(e),this.semicolon(),this.finishNode(e,"ClassProperty")}parseInitializer(e){this.scope.enter(80),th
is.expressionScope.enter(ke()),this.prodParam.enter(0),e.value=this.eat(o.eq)?this.parseMaybeAssignAllowIn():null,
this.expressionScope.exit(),this.prodParam.exit(),this.scope.exit()}parseClassId(e,t,r,n=139){this.match(o.name)?(e.i
d=this.parseIdentifier(),t&&this.checkLVal(e.id,"class
name",n)):r||t?e.id=null:this.unexpected(null,T.MissingClassName)}parseClassSuper(e){e.superClass=this.eat(o._e
xtends)?this.parseExprSubscripts():null}parseExport(e){const
t=this.maybeParseExportDefaultSpecifier(e),r=!t||this.eat(o.comma),n=r&&this.eatExportStar(e),i=n&&this.maybeP
arseExportNamespaceSpecifier(e),s=r&&(!i||this.eat(o.comma)),a=t||n;if(n&&!i)return
t&&this.unexpected(),this.parseExportFrom(e,!0),this.finishNode(e,"ExportAllDeclaration");const
l=this.maybeParseExportNamedSpecifiers(e);if(t&&r&&!n&&!i&&s&&!l)throw
this.unexpected(null,o.braceL);let
c;if(a||l?(c=!1,this.parseExportFrom(e,a)):c=this.maybeParseExportDeclaration(e,a)||c)return
this.checkExport(e,!0,!1,!e.source),this.finishNode(e,"ExportNamedDeclaration");if(this.eat(o._default))return
e.declaration=this.parseExportDefaultExpression(),this.checkExport(e,!0,!0),this.finishNode(e,"ExportDefaultDecla
ration");throw this.unexpected(null,o.braceL)}eatExportStar(e){return
this.eat(o.star)}maybeParseExportDefaultSpecifier(e){if(this.isExportDefaultSpecifier()){this.expectPlugin("export
DefaultFrom");const t=this.startNode();return
t.exported=this.parseIdentifier(!0),e.specifiers=[this.finishNode(t,"ExportDefaultSpecifier"),!0]return!1}maybePars
eExportNamespaceSpecifier(e){if(this.isContextual("as")){e.specifiers||(e.specifiers=[]);const
t=this.startNodeAt(this.state.lastTokStart,this.state.lastTokStartLoc);return
this.next(),t.exported=this.parseModuleExportName(),e.specifiers.push(this.finishNode(t,"ExportNamespaceSpecifi
er"),!0}return!1}maybeParseExportNamedSpecifiers(e){return!!this.match(o.braceL)&&(e.specifiers||(e.specifiers=
[]),e.specifiers.push(...this.parseExportSpecifiers()),e.source=null,e.declaration=null,!0)}maybeParseExportDeclarat
ion(e){return!!this.shouldParseExportDeclaration()&&(e.specifiers=[],e.source=null,e.declaration=this.parseExport
Declaration(e,!0))isAsyncFunction(){if(!this.isContextual("async"))return!1;const
e=this.nextTokenStart();return!l.test(this.input.slice(this.state.pos,e))&&this.isUnparsedContextual(e,"function")}pa
rseExportDefaultExpression(){const e=this.startNode(),t=this.isAsyncFunction();if(this.match(o._function)||t)return
this.next(),t&&this.next(),this.parseFunction(e,5,t);if(this.match(o._class))return
this.parseClass(e,!0,!0);if(this.match(o.at))return
this.hasPlugin("decorators")&&this.getPluginOption("decorators","decoratorsBeforeExport")&&this.raise(this.state.
start,T.DecoratorBeforeExport),this.parseDecorators(!1),this.parseClass(e,!0,!0);if(this.match(o._const)||this.match(
o._var)||this.isLet())throw this.raise(this.state.start,T.UnsupportedDefaultExport);{const
e=this.parseMaybeAssignAllowIn();return this.semicolon(),e}}parseExportDeclaration(e){return
this.parseStatement(null)}isExportDefaultSpecifier(){if(this.match(o.name)){const
e=this.state.value;if("async"===e&&!this.state.containsEsc||"let"===e)return!1;if(("type"===e||"interface"===e)&&
!this.state.containsEsc){const
e=this.lookahead();if(e.type===o.name&&"from"!==e.value||e.type===o.braceL)return
this.expectOnePlugin(["flow","typescript"],!1)}else if(!this.match(o._default))return!1;const
e=this.nextTokenStart(),t=this.isUnparsedContextual(e,"from");if(44===this.input.charCodeAtAt(e)||this.match(o.nam

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e)&&t)return!0;if(this.match(o._default)&&t){const t=this.input.charCodeAt(this.nextTokenStartSince(e+4));return
34===t||39===t}return!1}parseExportFrom(e,t){if(this.eatContextual("from")){e.source=this.parseImportSource(),t
his.checkExport(e);const t=this.maybeParseImportAssertions();t&&(e.assertions=t)}else
t?this.unexpected():e.source=null;this.semicolon()}shouldParseExportDeclaration(){if(this.match(o.at)&&(this.expe
ctOnePlugin(["decorators","decorators-
legacy"]),this.hasPlugin("decorators"))){if(!this.getPluginOption("decorators","decoratorsBeforeExport"))return!0;t
his.unexpected(this.state.start,T.DecoratorBeforeExport)}return"var"===this.state.type.keyword||"const"===this.stat
e.type.keyword||"function"===this.state.type.keyword||"class"===this.state.type.keyword||this.isLet()||this.isAsyncF
unction()}checkExport(e,t,r,n){if(t)if(r){if(this.checkDuplicateExports(e,"default"),this.hasPlugin("exportDefaultFro
m")){var i;const t=e.declaration;"Identifier"!==t.type||"from"!==t.name||t.end-
t.start!-4||null!=(i=t.extra)&&i.parenthesized||this.raise(t.start,T.ExportDefaultFromAsIdentifier)}else
if(e.specifiers&&e.specifiers.length)for(const t of
e.specifiers){const{exported:e}=t,r="Identifier"===e.type?e.name:e.value;if(this.checkDuplicateExports(t,r),!n&&t.
local){const{local:e}=t;"StringLiteral"===e.type?this.raise(t.start,T.ExportBindingIsString,e.value,r):(this.checkRes
ervedWord(e.name,e.start,!0,!1),this.scope.checkLocalExport(e))}else
if(e.declaration)if("FunctionDeclaration"===e.declaration.type||"ClassDeclaration"===e.declaration.type){const
t=e.declaration.id;if(!t)throw new Error("Assertion failure");this.checkDuplicateExports(e,t.name)}else
if("VariableDeclaration"===e.declaration.type)for(const t of
e.declaration.declarations)this.checkDeclaration(t.id);if(this.state.decoratorStack[this.state.decoratorStack.length-
1].length)throw
this.raise(e.start,T.UnsupportedDecoratorExport)}checkDeclaration(e){if("Identifier"===e.type)this.checkDuplicate
Exports(e,e.name);else if("ObjectPattern"===e.type)for(const t of e.properties)this.checkDeclaration(t);else
if("ArrayPattern"===e.type)for(const t of
e.elements)t&&this.checkDeclaration(t);else"ObjectProperty"===e.type?this.checkDeclaration(e.value):"RestEleme
nt"===e.type?this.checkDeclaration(e.argument):"AssignmentPattern"===e.type&&this.checkDeclaration(e.left)}ch
eckDuplicateExports(e,t){this.state.exportedIdentifiers.indexOf(t)>-
1&&this.raise(e.start,"default"===t?T.DuplicateDefaultExport:T.DuplicateExport,t),this.state.exportedIdentifiers.pu
sh(t)}parseExportSpecifiers(){const e=[];let t=!0;for(this.expect(o.braceL);!this.eat(o.braceR);){if(t)!!1;else
if(this.expect(o.comma),this.eat(o.braceR))break;const
r=this.startNode();r.local=this.parseModuleExportName(),r.exported=this.eatContextual("as")?this.parseModuleExp
ortName():r.local.__clone(),e.push(this.finishNode(r,"ExportSpecifier"))}return
e}parseModuleExportName(){if(this.match(o.string)){const
e=this.parseLiteral(this.state.value,"StringLiteral"),t=e.value.match(Fe);return
t&&this.raise(e.start,T.ModuleExportNameHasLoneSurrogate,t[0].charCodeAt(0).toString(16)),e}return
this.parseIdentifier(!0)}parseImport(e){if(e.specifiers=[],!this.match(o.string)){const
t=!this.maybeParseDefaultImportSpecifier(e)||this.eat(o.comma),r=t&&this.maybeParseStarImportSpecifier(e);t&&!
r&&this.parseNamedImportSpecifiers(e),this.expectContextual("from")}e.source=this.parseImportSource();const
t=this.maybeParseImportAssertions();if(t)e.assertions=t;else{const
t=this.maybeParseModuleAttributes();t&&(e.attributes=t)}return
this.semicolon(),this.finishNode(e,"ImportDeclaration")}parseImportSource(){return
this.match(o.string)||this.unexpected(),this.parseExprAtom()}shouldParseDefaultImport(e){return
this.match(o.name)}parseImportSpecifierLocal(e,t,r,n){t.local=this.parseIdentifier(),this.checkLVal(t.local,n,9),e.sp
ecifiers.push(this.finishNode(t,r))}parseAssertEntries(){const e=[],t=new
Set;do{if(this.match(o.braceR))break;const
r=this.startNode(),n=this.state.value;if(this.match(o.string)?r.key=this.parseLiteral(n,"StringLiteral"):r.key=this.pars
eIdentifier(!0),this.expect(o.colon),"type"!==n&&this.raise(r.key.start,T.ModuleAttributeDifferentFromType,n),t.has
(n)&&this.raise(r.key.start,T.ModuleAttributesWithDuplicateKeys,n),t.add(n,!this.match(o.string))throw
this.unexpected(this.state.start,T.ModuleAttributeInvalidValue);r.value=this.parseLiteral(this.state.value,"StringLite

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ral"),this.finishNode(r,"ImportAttribute"),e.push(r)}while(this.eat(o.comma));return
e}maybeParseModuleAttributes(){if(!this.match(o._with)||this.hasPrecedingLineBreak())return
this.hasPlugin("moduleAttributes")?[]:null;this.expectPlugin("moduleAttributes"),this.next();const e=[],t=new
Set;do{const
r=this.startNode();if(r.key=this.parseIdentifier(!0),"type"!==r.key.name&&this.raise(r.key.start,T.ModuleAttributeD
ifferentFromType,r.key.name),t.has(r.key.name)&&this.raise(r.key.start,T.ModuleAttributesWithDuplicateKeys,r.k
ey.name),t.add(r.key.name),this.expect(o.colon),!this.match(o.string))throw
this.unexpected(this.state.start,T.ModuleAttributeInvalidValue);r.value=this.parseLiteral(this.state.value,"StringLite
ral"),this.finishNode(r,"ImportAttribute"),e.push(r)}while(this.eat(o.comma));return
e}maybeParseImportAssertions(){if(!this.isContextual("assert")||this.hasPrecedingLineBreak())return
this.hasPlugin("importAssertions")?[]:null;this.expectPlugin("importAssertions"),this.next(),this.eat(o.braceL);const
e=this.parseAssertEntries();return
this.eat(o.braceR),e}maybeParseDefaultImportSpecifier(e){return!!this.shouldParseDefaultImport(e)&&(this.parseI
mportSpecifierLocal(e,this.startNode(),"ImportDefaultSpecifier","default import
specifier"),!0)}maybeParseStarImportSpecifier(e){if(this.match(o.star)){const t=this.startNode();return
this.next(),this.expectContextual("as"),this.parseImportSpecifierLocal(e,t,"ImportNamespaceSpecifier","import
namespace specifier"),!0}return!1}parseNamedImportSpecifiers(e){let
t=!0;for(this.expect(o.braceL);!this.eat(o.braceR);){if(t)=!1;else{if(this.eat(o.colon))throw
this.raise(this.state.start,T.DestructureNamedImport);if(this.expect(o.comma),this.eat(o.braceR))break}this.parseIm
portSpecifier(e)}parseImportSpecifier(e){const
t=this.startNode();if(t.imported=this.parseModuleExportName(),this.eatContextual("as"))t.local=this.parseIdentifier(
);else{const{imported:e}=t;if("StringLiteral"===e.type)throw
this.raise(t.start,T.ImportBindingIsString,e.value);this.checkReservedWord(e.name,t.start,!0,!0),t.local=e.__clone()}
this.checkLVal(t.local,"import
specifier",9),e.specifiers.push(this.finishNode(t,"ImportSpecifier"))}isThisParam(e){return"Identifier"===e.type&&
"this"===e.name}}{constructor(e,t){super(e=function(e){const t={};for(const r of
Object.keys(ge))t[r]=e&&null!=e[r]?e[r]:ge[r];return
t}(e),t),this.options=e,this.initializeScopes(),this.plugins=function(e){const t=new Map;for(const r of
e){const[e,n]=Array.isArray(r)?r:[,{}];t.has(e)||t.set(e,n){}}return
t}(this.options.plugins),this.filename=e.sourceFilename)getScopeHandler(){return
q}parse(){this.enterInitialScopes();const e=this.startNode(),t=this.startNode();return
this.nextToken(),e.errors=null,this.parseTopLevel(e,t),e.errors=this.state.errors,e}}function Be(e,t){let r=Re;return
null!=e&&e.plugins&&(!function(e){if(he(e,"decorators")){if(he(e,"decorators-legacy"))throw new Error("Cannot
use the decorators and decorators-legacy plugin together");const
t=fe(e,"decorators","decoratorsBeforeExport");if(null==t)throw new Error("The 'decorators' plugin requires a
'decoratorsBeforeExport' option, whose value must be a boolean. If you are migrating from Babylon/Babel 6 or want
to use the old decorators proposal, you should use the 'decorators-legacy' plugin instead of
'decorators.'");if("boolean"!==typeof t)throw new Error("'decoratorsBeforeExport' must be a
boolean.");}if(he(e,"flow")&&he(e,"typescript"))throw new Error("Cannot combine flow and typescript
plugins.");if(he(e,"placeholders")&&he(e,"v8intrinsic"))throw new Error("Cannot combine placeholders and
v8intrinsic plugins.");if(he(e,"pipelineOperator")&&!me.includes(fe(e,"pipelineOperator","proposal"))))throw new
Error("'pipelineOperator' requires 'proposal' option whose value should be one of: "+me.map(e=>`${e}`).join(",
"));if(he(e,"moduleAttributes")){if(he(e,"importAssertions"))throw new Error("Cannot combine importAssertions
and moduleAttributes plugins.");if("may-2020"!==fe(e,"moduleAttributes","version"))throw new Error("The
'moduleAttributes' plugin requires a 'version' option, representing the last proposal update. Currently, the only
supported value is 'may-
2020'.");}if(he(e,"recordAndTuple")&&!ye.includes(fe(e,"recordAndTuple","syntaxType"))))throw new
Error("'recordAndTuple' requires 'syntaxType' option whose value should be one of: "+ye.map(e=>`${e}`).join(",

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    ));if(he(e,"asyncDoExpressions")&&!he(e,"doExpressions")){const e=new Error("'asyncDoExpressions' requires
'doExpressions', please add 'doExpressions' to parser plugins.");throw
e.missingPlugins="doExpressions",e}(e.plugins),r=function(e){const t=be.filter(t=>he(e,t)),r=t.join("/");let
n=Ue[r];if(!n){n=Re;for(const e of t)n=Te[e](n);Ue[r]=n}return n}(e.plugins),new r(e,t)const
Ue={};t.parse=function(e,t){var r;if("unambiguous"!==(null==(r=t)?void 0:r.sourceType))return
Be(t,e).parse();t=Object.assign({},t);try{t.sourceType="module";const
r=Be(t,e),n=r.parse();if(r.sawUnambiguousESM)return n;if(r.ambiguousScriptDifferentAst)try{return
t.sourceType="script",Be(t,e).parse()}catch(e){}else n.program.sourceType="script";return n}catch(r){try{return
t.sourceType="script",Be(t,e).parse()}catch(e){}throw r}},t.parseExpression=function(e,t){const r=Be(t,e);return
r.options.strictMode&&(r.state.strict!=0),r.getExpression(),t.tokenTypes=o},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){const{metadata:a,names:l}=functi
on(e,t,r){let n,s,a,l="";do{l+="";const c=o(t,l);n=c.names,s=new
Set(n),a=(0,i.default)(e,e.code(c.code),{parser:r.parser,placeholderWhitelist:new
Set(c.names.concat(r.placeholderWhitelist?Array.from(r.placeholderWhitelist):[])),placeholderPattern:r.placeholder
Pattern,preserveComments:r.preserveComments,syntacticPlaceholders:r.syntacticPlaceholders})}while(a.placeholde
rs.some(e=>e.isDuplicate&&s.has(e.name)));return{metadata:a,names:n}}(e,t,r);return t=>{const r={};return
t.forEach((e,t)=>{r[l[t]]=e}),t=>{const i=(0,n.normalizeReplacements)(t);return
i&&Object.keys(i).forEach(e=>{if(Object.prototype.hasOwnProperty.call(r,e))throw new Error("Unexpected
replacement overlap.")}),e.unwrap((0,s.default)(a,i?Object.assign(i,r):r))}}};var
n=r(59),i=a(r(127)),s=a(r(128));function a(e){return e&&e.__esModule?e:{default:e}}function o(e,t){const r=[];let
n=e[0];for(let i=1;i<e.length;i++){const s=`${t}${i-
1}`;r.push(s),n+=s+e[i]}return{names:r,code:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.matchesPattern=function(e,t){return
n.matchesPattern(this.node,e,t)},t.has=s,t.isStatic=function(){return
this.scope.isStatic(this.node)},t.isnt=function(e){return!this.has(e)},t.equals=function(e,t){return
this.node[e]==t},t.isNodeType=function(e){return
n.isType(this.type,e)},t.canHaveVariableDeclarationOrExpression=function(){return("init"===this.key||"left"===thi
s.key)&&this.parentPath.isFor()),t.canSwapBetweenExpressionAndStatement=function(e){if("body"===this.key||t
his.parentPath.isArrowFunctionExpression())return!1;if(this.isExpression())return
n.isBlockStatement(e);if(this.isBlockStatement())return
n.isExpression(e);return!1},t.isCompletionRecord=function(e){let t=this,r=!0;do{const
n=t.container;if(t.isFunction())&&!r)return!1;if(r=!1,Array.isArray(n)&&t.key!==n.length-
1)return!1}while((t=t.parentPath)&&!t.isProgram());return!0},t.isStatementOrBlock=function(){return!this.parentPa
th.isLabeledStatement()&&!n.isBlockStatement(this.container)&&n.STATEMENT_OR_BLOCK_KEYS.includes(t
his.key)},t.referencesImport=function(e,t){if(!this.isReferencedIdentifier())return!1;const
r=this.scope.getBinding(this.node.name);if(!r||"module"===r.kind)return!1;const
n=r.path,i=n.parentPath;if(!i.isImportDeclaration())return!1;if(i.node.source.value!==e)return!1;if(!t)return!0;if(n.isI
mportDefaultSpecifier()&&"default"===t)return!0;if(n.isImportNamespaceSpecifier()&&"*"===t)return!0;if(n.isIm
portSpecifier()&&n.node.imported.name===t)return!0;return!1},t.getSource=function(){const
e=this.node;if(e.end){const t=this.hub.getCode();if(t)return
t.slice(e.start,e.end)}return""},t.willIMaybeExecuteBefore=function(e){return"after"!==this._guessExecutionStatus
RelativeTo(e)},t._guessExecutionStatusRelativeTo=function(e){const
t={this:o(this),target:o(e)};if(t.target.node!==t.this.node)return
this._guessExecutionStatusRelativeToDifferentFunctions(t.target);const
r={target:e.getAncestry(),this:this.getAncestry()};if(r.target.indexOf(this)>=0)return"after";if(r.this.indexOf(e)>=0)r
eturn"before";let i;const s={target:0,this:0};for(;!i&&s.this<r.this.length;){const
e=r.this[s.this];s.target=r.target.indexOf(e),s.target>=0?i=e:s.this++;if(!i)throw new Error("Internal Babel error -
The two compared nodes don't appear to belong to the same program.");if(c(r.this,s.this-1)|c(r.target,s.target-

```

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1))return"unknown";const a={ this:r.this[s.this-1],target:r.target[s.target-
1]};if(a.target.listKey&&a.this.listKey&&a.target.container===a.this.container)return
a.target.key>a.this.key?"before":"after";const
l=n.VISITOR_KEYS[i.type],p={ this:l.indexOf(a.this.parentKey),target:l.indexOf(a.target.parentKey)};return
p.target>p.this?"before":"after",t._guessExecutionStatusRelativeToDifferentFunctions=function(e){if(!e.isFunction
Declaration()||e.parentPath.isExportDeclaration())return"unknown";const
t=e.scope.getBinding(e.node.id.name);if(!t.references)return"before";const r=t.referencePaths;let n;for(const t of
r){if(!t.find(t=>t.node===e.node))continue;if("callee"!==t.key||!t.parentPath.isCallExpression())return"unknown";if
(p.has(t.node))continue;p.add(t.node);const
r=this._guessExecutionStatusRelativeTo(t);if(p.delete(t.node),n&&n!==(r))return"unknown";n=r}return
n},t.resolve=function(e,t){return
this._resolve(e,t)||this},t._resolve=function(e,t){if(t&&t.indexOf(this)>=0)return;if((t=t||[]).push(this),this.isVariable
Declarator()){if(this.get("id").isIdentifier())return this.get("init").resolve(e,t)}else
if(this.isReferencedIdentifier()){const
r=this.scope.getBinding(this.node.name);if(!r)return;if(!r.constant)return;if("module"===r.kind)return;if(r.path!==th
is){const n=r.path.resolve(e,t);if(this.find(e=>e.node===n.node))return;return
n}}else{if(this.isTypeCastExpression())return
this.get("expression").resolve(e,t);if(e&&this.isMemberExpression()){const
r=this.toComputedKey();if(!n.isLiteral(r))return;const
i=r.value,s=this.get("object").resolve(e,t);if(s.isObjectExpression()){const r=s.get("properties");for(const n of
r){if(!n.isProperty())continue;const r=n.get("key");let
s=n.isnt("computed")&&r.isIdentifier({name:i});if(s=s||r.isLiteral({value:i}),s)return
n.get("value").resolve(e,t)}}else if(s.isArrayExpression()&&!isNaN(+i)){const r=s.get("elements")[i];if(r)return
r.resolve(e,t)}}},t.isConstantExpression=function(){if(this.isIdentifier()){const
e=this.scope.getBinding(this.node.name);return!e&&e.constant}if(this.isLiteral())return!this.isRegExpLiteral()&&
!this.isTemplateLiteral()||this.get("expressions").every(e=>e.isConstantExpression());if(this.isUnaryExpression())re
turn"void"===this.get("operator").node&&this.get("argument").isConstantExpression();if(this.isBinaryExpression()
)return
this.get("left").isConstantExpression()&&this.get("right").isConstantExpression();return!1},t.isInStrictMode=functi
on(){return!!(this.isProgram()?this:this.parentPath).find(e=>{if(e.isProgram({sourceType:"module"}))return!0;if(e.i
sClass())return!0;if(!e.isProgram()&&!e.isFunction())return!1;if(e.isArrowFunctionExpression()&&!e.get("body").i
sBlockStatement())return!1;let{node:t}=e,e.isFunction()&&(t=t.body);for(const e of t.directives)if("use
strict"===e.value.value)return!0}},t.is=void 0;var n=function(e){if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return {default:e};var t=i();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e}function s(e){const t=this.node&&this.node[e];return
t&&Array.isArray(t)?!t.length:!!t}const a=s;function
o(e){return(e.scope.getFunctionParent()||e.scope.getProgramParent()).path}function
l(e,t){switch(e){case"LogicalExpression":return"right"===t;case"ConditionalExpression":case"IfStatement":return
consequent"===t||"alternate"===t;case"WhileStatement":case"DoWhileStatement":case"ForInStatement":case"For
OfStatement":return"body"===t;case"ForStatement":return"body"===t||"update"===t;case"SwitchStatement":return
"cases"===t;case"TryStatement":return"handler"===t;case"AssignmentPattern":return"right"===t;case"OptionalMe
mberExpression":return"property"===t;case"OptionalCallExpression":return"arguments"===t;default:return!1}}fun
ction c(e,t){for(let r=0;r<t;r++){const t=e[r];if(l(t.parent.type,t.parentKey))return!0}return!1}t.is=a;const p=new
WeakSet},function(e,t,r){ "use strict";Object.defineProperty(t, "__esModule", { value: !0}),t.call=function(e){const

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t=this.opts;if(this.debug(e),this.node&&this._call(t[e]))return!0;if(this.node)return
this._call(t[this.node.type]&&t[this.node.type][e]);return!1},t._call=function(e){if(!e)return!1;for(const t of
e){if(!t)continue;const e=this.node;if(!e)return!0;const r=t.call(this.state,this,this.state);if(r&&"object"===typeof
r&&"function"===typeof r.then)throw new Error("You appear to be using a plugin with an async traversal visitor,
which your current version of Babel does not support. If you're using a published plugin, you may need to upgrade
your @babel/core version.");if(r)throw new Error("Unexpected return value from visitor method
"+t);if(this.node!==e)return!0;if(this._traverseFlags>0)return!0}return!1},t.isBlacklisted=t.isDenylist=function(){
var e;const t=null!=(e=this.opts.denylist)?e:this.opts.blacklist;return t&&t.indexOf(this.node.type)>-
1},t.visit=function(){if(!this.node)return!1;if(this.isDenylist())return!1;if(this.opts.shouldSkip&&this.opts.should
Skip(this))return!1;if(this.shouldSkip||this.call("enter")||this.shouldSkip)return
this.debug("Skip..."),this.shouldStop;return this.debug("Recurring
into..."),i.default.node(this.node,this.opts,this.scope,this.state,this,this.skipKeys),this.call("exit"),this.shouldStop},t.s
kip=function(){this.shouldSkip=!0},t.skipKey=function(e){null===this.skipKeys&&(this.skipKeys={});this.skipKey
s[e]=!0},t.stop=function(){this._traverseFlags|=s.SHOULD_SKIP|s.SHOULD_STOP},t.setScope=function(){if(this
.opts&&this.opts.noScope)return;let
e,t=this.parentPath;for(;t&&!e;){if(t.opts&&t.opts.noScope)return;e=t.scope,t=t.parentPath}this.scope=this.getScop
e(e),this.scope&&this.scope.init(),t.setContext=function(e){null!==this.skipKeys&&(this.skipKeys={});this._traver
seFlags=0,e&&(this.context=e,this.state=e.state,this.opts=e.opts);return
this.setScope(),this},t.resync=function(){if(this.removed)return;this._resyncParent(),this._resyncList(),this._resyncK
ey(),t._resyncParent=function(){this.parentPath&&(this.parent=this.parentPath.node)},t._resyncKey=function(){if(
!this.container)return;if(this.node===this.container[this.key])return;if(Array.isArray(this.container)){for(let
e=0;e<this.container.length;e++)if(this.container[e]===this.node)return this.setKey(e)}else for(const e of
Object.keys(this.container))if(this.container[e]===this.node)return
this.setKey(e);this.key=null},t._resyncList=function(){if(!this.parent||!this.inList)return;const
e=this.parent[this.listKey];if(this.container===e)return;this.container=e||null},t._resyncRemoved=function(){null!=t
his.key&&this.container&&this.container[this.key]===this.node||this._markRemoved(),t.popContext=function(){t
his.contexts.pop(),this.contexts.length>0?this.setContext(this.contexts[this.contexts.length-1]):this.setContext(void
0)},t.pushContext=function(e){this.contexts.push(e),this.setContext(e)},t.setup=function(e,t,r,n){this.listKey=r,this
.container=t,this.parentPath=e||this.parentPath,this.setKey(n)},t.setKey=function(e){var
t;this.key=e,this.node=this.container[this.key],this.type=null==(t=this.node)?void
0:t.type},t.requeue=function(e=this){if(e.removed)return;const t=this.contexts;for(const r of
t)r.maybeQueue(e)},t._getQueueContexts=function(){let
e=this,t=this.contexts;for(;!t.length&&(e=e.parentPath,e);)t=e.contexts;return t};var
n,i=(n=r(17))&&n.__esModule?n:{default:n,s=r(8)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.remove=function(){var
e;this._assertUnremoved(),this.resync(),(null==(e=this.opts)?void
0:e.noScope)||this._removeFromScope();if(this._callRemovalHooks())return void
this._markRemoved();this.shareCommentsWithSiblings(),this._remove(),this._markRemoved(),t._removeFromScop
e=function(){const
e=this.getBindingIdentifiers();Object.keys(e).forEach(e=>this.scope.removeBinding(e))},t._callRemovalHooks=fun
ction(){for(const e of
n.hooks)if(e(this,this.parentPath))return!0},t._remove=function(){Array.isArray(this.container)?(this.container.splic
e(this.key,1),this.updateSiblingKeys(this.key,-
1)):this._replaceWith(null)},t._markRemoved=function(){this._traverseFlags|=i.SHOULD_SKIP|i.REMOVED,this
.node=null},t._assertUnremoved=function(){if(this.removed)throw this.buildCodeFrameError("NodePath has been
removed so is read-only.");var n=r(367),i=r(8)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.hooks=void
0;t.hooks=[function(e,t){if("test"===e.key&&(t.isWhile()||t.isSwitchCase())||"declaration"===e.key&&t.isExportDe

```



```

claration()|"body"===e.key&&t.isLabeledStatement()|"declarations"===e.listKey&&t.isVariableDeclaration()&&1
===t.node.declarations.length|"expression"===e.key&&t.isExpressionStatement()return
t.remove(),!0},function(e,t){if(t.isSequenceExpression()&&1===t.node.expressions.length)return
t.replaceWith(t.node.expressions[0],!0),function(e,t){if(t.isBinary())return"left"===e.key?t.replaceWith(t.node.righ
t):t.replaceWith(t.node.left,!0),function(e,t){if(t.isIfStatement()&&("consequent"===e.key||"alternate"===e.key)||"
body"===e.key&&(t.isLoop()||t.isArrowFunctionExpression()))return
e.replaceWith({type:"BlockStatement",body:[]},!0)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.insertBefore=function(e){this._assertUnremoved(),e=this
._verifyNodeList(e);const{parentPath:t}=this;if(t.isExpressionStatement()||t.isLabeledStatement()||t.isExportNamed
Declaration()||t.isExportDefaultDeclaration()&&this.isDeclaration())return
t.insertBefore(e);if(this.isNodeType("Expression")&&!this.isJSXElement()||t.isForStatement()&&"init"===this.key)
return
this.node&&e.push(this.node),this.replaceExpressionWithStatements(e);if(Array.isArray(this.container))return
this._containerInsertBefore(e);if(this.isStatementOrBlock()){const
t=this.node&&(t.isExpressionStatement()||null!==this.node.expression);return
this.replaceWith(a.blockStatement(t?[this.node]:[]),this.unshiftContainer("body",e))throw new Error("We don't
know what to do with this node type. We were previously a Statement but we can't fit in
here?")},t._containerInsert=function(e,t){this.updateSiblingKeys(e,t.length);const
r=[];this.container.splice(e,0,...t);for(let n=0;n<t.length;n++){const
t=e+n,i=this.getSibling(t);r.push(i),this.context&&this.context.queue&&i.pushContext(this.context)}const
n=this._getQueueContexts();for(const e of r){e.setScope(),e.debug("Inserted.");for(const t of
n)t.maybeQueue(e,!0)}return r},t._containerInsertBefore=function(e){return
this._containerInsert(this.key,e)},t._containerInsertAfter=function(e){return
this._containerInsert(this.key+1,e)},t.insertAfter=function(e){this._assertUnremoved(),e=this._verifyNodeList(e);co
nst{parentPath:t}=this;if(t.isExpressionStatement()||t.isLabeledStatement()||t.isExportNamedDeclaration()||t.isExpor
tDefaultDeclaration()&&this.isDeclaration())return
t.insertAfter(e.map(e=>a.isExpression(e)?a.expressionStatement(e):e));if(this.isNodeType("Expression")&&!this.isJ
SXElement()&&!t.isJSXElement()||t.isForStatement()&&"init"===this.key){if(this.node){let{scope:r}=this;t.isMet
hod({computed:!0,key:this.node})&&(r=r.parent);const
n=r.generateDeclaredUidIdentifier();e.unshift(a.expressionStatement(a.assignmentExpression("=",a.cloneNode(n),th
is.node))),e.push(a.expressionStatement(a.cloneNode(n)))}return
this.replaceExpressionWithStatements(e)}if(Array.isArray(this.container))return
this._containerInsertAfter(e);if(this.isStatementOrBlock()){const
t=this.node&&(t.isExpressionStatement()||null!==this.node.expression);return
this.replaceWith(a.blockStatement(t?[this.node]:[]),this.pushContainer("body",e))throw new Error("We don't know
what to do with this node type. We were previously a Statement but we can't fit in
here?")},t.updateSiblingKeys=function(e,t){if(!this.parent)return;const r=n.path.get(this.parent);for(let
n=0;n<r.length;n++){const
i=r[n];i.key>=e&&(i.key+=t)},t._verifyNodeList=function(e){if(!e)return[];e.constructor!==Array&&(e=[e]);for(l
et t=0;t<e.length;t++){const r=e[t];let n;if(r?"object"!==typeof r?n="contains a non-object node":r.type?r instanceof
s.default&&(n="has a NodePath when it expected a raw object"):n="without a type":n="has falsy node",n){const
e=Array.isArray(r)?"array":typeof r;throw new Error(`Node list ${n} with the index of ${t} and type of
${e}`)}}return e},t.unshiftContainer=function(e,t){return
this._assertUnremoved(),t=this._verifyNodeList(t),s.default.get({parentPath:this,parent:this.node,container:this.node
[e],listKey:e,key:0})._containerInsertBefore(t)},t.pushContainer=function(e,t){this._assertUnremoved(),t=this._veri
fyNodeList(t);const r=this.node[e];return
s.default.get({parentPath:this,parent:this.node,container:r,listKey:e,key:r.length}).replaceWithMultiple(t)},t.hoist=f
unction(e=this.scope){return new i.default(this,e).run()};var

```

```

n=r(38),i=l(r(369)),s=l(r(8)),a=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof
e&&"function"!==typeof e)return{default:e};var t=o();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0));function o(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
o=function(){return e},e}function l(e){return e&&e.__esModule?e:{default:e}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;var
n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e}const
s={ReferencedIdentifier(e,t){if(e.isJSXIdentifier())&&n.react.isCompatTag(e.node.name)&&!e.parentPath.isJSXMe
mberExpression())return;if("this"===e.node.name){let
r=e.scope;do{if(r.path.isFunction())&&!r.path.isArrowFunctionExpression())break}while(r=r.parent);r&&t.breakOn
ScopePaths.push(r.path)}const r=e.scope.getBinding(e.node.name);if(r){for(const n of
r.constantViolations)if(n.scope!==r.path.scope)return t.mutableBinding=!0,void
e.stop();r===t.scope.getBinding(e.node.name)&&(t.bindings[e.node.name]=r)}};t.default=class{constructor(e,t){th
is.breakOnScopePaths=[],this.bindings={},this.mutableBinding=!1,this.scopes=[],this.scope=t,this.path=e,this.attac
hAfter=!1}isCompatibleScope(e){for(const t of Object.keys(this.bindings)){const
r=this.bindings[t];if(!e.bindingIdentifierEquals(t,r.identifier))return!1}return!0}getCompatibleScopes(){let
e=this.path.scope;do{if(!this.isCompatibleScope(e))break;if(this.scopes.push(e),this.breakOnScopePaths.indexOf(e.
path)>=0)break}while(e=e.parent)}getAttachmentPath(){let e=this._getAttachmentPath();if(!e)return;let
t=e.scope;if(t.path===e&&(t=e.scope.parent),t.path.isProgram()||t.path.isFunction())for(const r of
Object.keys(this.bindings)){if(!t.hasOwnBinding(r))continue;const
n=this.bindings[r];if("param"!==n.kind&&"params"!==n.path.parentKey&&this.getAttachmentParentForPath(n.pat
h).key>=e.key){this.attachAfter=!0,e=n.path;for(const t of
n.constantViolations)this.getAttachmentParentForPath(t.key>e.key&&(e=t)}return e}_getAttachmentPath(){const
e=this.scopes.pop();if(e)if(e.path.isFunction()){if(!this.hasOwnParamBindings(e))return
this.getNextScopeAttachmentParent();if(this.scope===e)return;const t=e.path.get("body").get("body");for(let
e=0;e<t.length;e++)if(!t[e].node._blockHoist)return t[e]}else if(e.path.isProgram())return
this.getNextScopeAttachmentParent()}getNextScopeAttachmentParent(){const e=this.scopes.pop();if(e)return
this.getAttachmentParentForPath(e.path)}getAttachmentParentForPath(e){do{if(!e.parentPath||Array.isArray(e.cont
ainer)&&e.isStatement())return e}while(e=e.parentPath)}hasOwnParamBindings(e){for(const t of
Object.keys(this.bindings)){if(!e.hasOwnBinding(t))continue;const
r=this.bindings[t];if("param"===r.kind&&r.constant)return!0}return!1}run(){if(this.path.traverse(s,this),this.mutabl
eBinding)return;this.getCompatibleScopes();const
e=this.getAttachmentPath();if(!e)return;if(e.getFunctionParent()===this.path.getFunctionParent())return;let
t=e.scope.generateUidIdentifier("ref");const
r=n.variableDeclarator(t,this.path.node),i=this.attachAfter?"insertAfter":"insertBefore",[a]=e[i]([e.isVariableDeclara
tor()?r:n.variableDeclaration("var",[r])),o=this.path.parentPath;return
o.isJSXElement()&&this.path.container===o.node.children&&(t=n.JSXExpressionContainer(t)),this.path.replaceWi
th(n.cloneNode(t),e.isVariableDeclarator()?a.get("init"):a.get("declarations.0.init"))},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.getOpposite=function(){if("left"===this.key)return
this.getSibling("right");if("right"===this.key)return this.getSibling("left")},t.getCompletionRecords=function(){let

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e=[];if(this.isIfStatement())e=o(this.get("consequent"),e),e=o(this.get("alternate"),e);else
if(this.isDoExpression()||this.isFor()||this.isWhile())e=o(this.get("body"),e);else
if(this.isProgram()||this.isBlockStatement())e=o(this.get("body").pop(),e);else if(this.isFunction())return
this.get("body").getCompletionRecords();this.isTryStatement()?(e=o(this.get("block"),e),e=o(this.get("handler"),e)):
this.isCatchClause()?e=o(this.get("body"),e):this.isSwitchStatement()?e=function(e,t){let r=!0;for(let n=e.length-
1;n>=0;n--){const i=e[n].get("consequent");let
s=l(i);if(s){for(;0===s.key&&s.parentPath.isBlockStatement();s=s.parentPath;const
e=s.getPrevSibling();s.key>0&&(e.isExpressionStatement()||e.isBlockStatement()))?(t=o(e,t),s.remove()):s.replace
With(s.scope.buildUndefinedNode(),t=o(s,t))}else if(r){const
e=t=>!t.isBlockStatement()||t.get("body").some(e);i.some(e)&&(t=o(i[i.length-1],t),r=!1)}}return
t}(this.get("cases"),e):e.push(this)}return e},t.getSibling=function(e){return
i.default.get({parentPath:this.parentPath,parent:this.parent,container:this.container,listKey:this.listKey,key:e}),t.get
PrevSibling=function(){return this.getSibling(this.key-1)},t.getNextSibling=function(){return
this.getSibling(this.key+1)},t.getAllNextSiblings=function(){let e=this.key,t=this.getSibling(++e);const
r=[];for(;t.node;)r.push(t),t=this.getSibling(++e);return r},t.getAllPrevSiblings=function(){let
e=this.key,t=this.getSibling(--e);const r=[];for(;t.node;)r.push(t),t=this.getSibling(--e);return
r},t.get=function(e,t){!0===t&&(t=this.context);const r=e.split(".");return
l===r.length?this._getKey(e,t):this._getPattern(r,t),t._getKey=function(e,t){const r=this.node,n=r[e];return
Array.isArray(n)?n.map((s,a)=>i.default.get({listKey:e,parentPath:this.parent:r,container:n,key:a})).setContext(t):i.d
efault.get({parentPath:this.parent:r,container:r,key:e}).setContext(t),t._getPattern=function(e,t){let r=this;for(const
n of e)r="."===n?r.parentPath:Array.isArray(r)?r[n]:r.get(n,t);return r},t.getBindingIdentifiers=function(e){return
s.getBindingIdentifiers(this.node,e)},t.getOuterBindingIdentifiers=function(e){return
s.getOuterBindingIdentifiers(this.node,e)},t.getBindingIdentifierPaths=function(e=!1,t=!1){let
r=[];r.concat(this);const n=Object.create(null);for(;r.length;){const i=r.shift();if(!i)continue;if(!i.node)continue;const
a=s.getBindingIdentifiers.keys[i.node.type];if(i.isIdentifier())if(e){(n[i.node.name]=n[i.node.name]||[]).push(i)}else
n[i.node.name]=i;else if(i.isExportDeclaration()){const
e=i.get("declaration");e.isDeclaration()&&r.push(e)}else if(t){if(i.isFunctionDeclaration()){r.push(i.get("id"));conti
nue}if(i.isFunctionExpression())continue}if(a)for(let e=0;e<a.length;e++){const
t=a[e],n=i.get(t);(Array.isArray(n)||n.node)&&(r=r.concat(n))}}return
n},t.getOuterBindingIdentifierPaths=function(e){return this.getBindingIdentifierPaths(e,!0)};var
n,i=(n=r(8))&&n.__esModule?n:{default:n},s=function(e){if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return {default:e};var t=a();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0));function a(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
a=function(){return e},e}function o(e,t){return e?t.concat(e.getCompletionRecords()):t}function l(e){let
t;Array.isArray(e)||e=[e];for(const i of
e){if(i.isDoExpression()||i.isProgram()||i.isBlockStatement()||i.isCatchClause()||i.isLabeledStatement())t=l(i.get("bod
y"));else if(i.isIfStatement()){var r;t=null!=(r=l(i.get("consequent")))?r:l(i.get("alternate"))}else
if(i.isTryStatement()){var n;t=null!=(n=l(i.get("block")))?n:l(i.get("handler"))}else
i.isBreakStatement()&&(t=i);if(t)return t}return null}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.shareCommentsWithSiblings=function(){if("string"===ty
peof this.key)return;const e=this.node;if(!e)return;const
t=e.trailingComments,r=e.leadingComments;if(!t&&!r)return;const n=this.getSibling(this.key-
1),i=this.getSibling(this.key+1),s=Boolean(n.node),a=Boolean(i.node);s&&!a?n.addComments("trailing",t):a&&!s
&&i.addComments("leading",r)},t.addComment=function(e,t,r){n.addComment(this.node,e,t,r)},t.addComments=fun
ction(e,t){n.addComments(this.node,e,t)};var n=function(e){if(e&&e.__esModule)return

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e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=i();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.explode=o,t.verify=l,t.merge=function(e,t=[],r){const
n={};for(let i=0;i<e.length;i++){const s=e[i],a=t[i];o(s);for(const e of Object.keys(s)){let
t=s[e];(a||r)&&(t=p(t,a,r)),f(n[e]=n[e]||{ },t) }return n };var n=a(r(63)),i=a(r(0));function s(){if("function"!==typeof
WeakMap)return null;var e=new WeakMap;return s=function(){return e},e}function
a(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var
t=s();if(t&&t.has(e))return t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
a=n?Object.getOwnPropertyDescriptor(e,i):null;a&&(a.get||a.set)?Object.defineProperty(r,i,a):r[i]=e[i]}return
r.default=e,t&&t.set(e,r,r)}function o(e){if(e.__exploded)return e;e.__exploded=!0;for(const t of
Object.keys(e)){if(h(t))continue;const r=t.split("");if(1===r.length)continue;const n=e[t];delete e[t];for(const t of
r)e[t]=n}l(e),delete e.__esModule,function(e){for(const t of Object.keys(e)){if(h(t))continue;const
r=e[t];"function"===typeof r&&(e[t]={enter:r})}(e),u(e);for(const t of Object.keys(e)){if(h(t))continue;const
r=n[t];if(!r)continue;const i=e[t];for(const e of Object.keys(i))i[e]=d(r,i[e]);if(delete e[t],r.types)for(const t of
r.types)e[t]?f(e[t],i):e[t]=i;else f(e,i)}for(const t of Object.keys(e)){if(h(t))continue;const r=e[t];let
n=i.FLIPPED_ALIAS_KEYS[t];const s=i.DEPRECATED_KEYS[t];if(s&&(console.trace(`Visitor defined for ${t}
but it has been renamed to ${s}`),n=[s]),n){delete e[t];for(const t of n){const
n=e[t];n?f(n,r):e[t]=Object.assign({ },r) }}for(const t of Object.keys(e))h(t)||u(e[t]);return e}function
l(e){if(!e._verified){if("function"===typeof e)throw new Error("You passed `traverse()` a function when it expected a
visitor object, are you sure you didn't mean `{ enter: Function }`?");for(const t of
Object.keys(e)){if("enter"!==t&&"exit"!==t||c(t,e[t]),h(t))continue;if(i.TYPES.indexOf(t)<0)throw new Error(`You
gave us a visitor for the node type ${t} but it's not a valid type`);const r=e[t];if("object"===typeof r)for(const e of
Object.keys(r)){if("enter"!==e&&"exit"!==e)throw new Error(`You passed `traverse()` a visitor object with the
property ${t} that has the invalid property ${e}`);c(`${t}.${e}`,r[e])}}e._verified=!0}}function c(e,t){const
r=[];concat(t);for(const t of r)if("function"!==typeof t)throw new TypeError(`Non-function found defined in ${e}
with type ${typeof t}`)}function p(e,t,r){const n={};for(const i of Object.keys(e)){let
s=e[i];Array.isArray(s)&&(s=s.map((function(e){let n=e;return t&&(n=function(r){return
e.call(t,r,t)},r&&(n=r(t.key,i,n)),n!==e&&(n.toString()=>e.toString()),n[i]=s)}return n)}function
u(e){e.enter&&Array.isArray(e.enter)&&(e.enter=[e.enter]),e.exit&&!Array.isArray(e.exit)&&(e.exit=[e.exit])}fu
nction d(e,t){const r=function(r){if(e.checkPath(r))return t.apply(this,arguments)};return
r.toString()=>t.toString(),r}function
h(e){return"_"===e[0]||("enter"===e||"exit"===e||"shouldSkip"===e||("denylist"===e||"noScope"===e||"skipKeys"=
===e||"blacklist"===e))}function f(e,t){for(const r of Object.keys(t))e[r]=[];concat(e[r]||[],t[r])},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void
0;t.default=class{getCode(){getScope(){addHelper(){throw new Error("Helpers are not supported by the default
hub.")}}buildError(e,t,r=TypeError){return new r(t) }}},function(e,t,r){var n,i,s;!function(r,a){"use strict";i=[],void
0===(s="function"===typeof(n=function(){function e(e){return e.charAt(0).toUpperCase()+e.substring(1)}function
t(e){return function(){return this[e]}}var
r=["isConstructor","isEval","isNative","isToplevel"],n=["columnNumber","lineNumber"],i=["fileName","functionN
ame","source"],s=r.concat(n,i,["args"]);function a(t){if(t)for(var r=0;r<s.length;r++)void
0!==t[s[r]]&&this["set"+s[r]](t[s[r]])}a.prototype={getArgs:function(){return
this.args},setArgs:function(e){if("[object Array]"!==Object.prototype.toString.call(e))throw new TypeError("Args
must be an Array");this.args=e},getEvalOrigin:function(){return this.evalOrigin},setEvalOrigin:function(e){if(e

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instanceof a)this.evalOrigin=e;else{if(!(e instanceof Object))throw new TypeError("Eval Origin must be an Object
or StackFrame");this.evalOrigin=new a(e)},toString:function(){var
e=this.getFileName()||"",t=this.getLineNumber()||"",r=this.getColumnNumber()||"",n=this.getFunctionName()||"";ret
urn this.getIsEval()?e?"[eval] (" +e+" ":"+t+" ":"+r+" ":"[eval] ":"+t+" ":"+r:n?n+"
("+e+" ":"+t+" ":"+r+" ":"+e+" ":"+t+" ":"+r) },a.fromString=function(e){var
t=e.indexOf("("),r=e.lastIndexOf(")"),n=e.substring(0,t),i=e.substring(t+1,r).split(","),s=e.substring(r+1);if(0===s.in
dexOf("@"))var o=/@(.+?)(?:\\d+)?(?:\\d+)?$/$.exec(s,""),l=o[1],c=o[2],p=o[3];return new
a({ functionName:n,args:i||void 0,fileName:l,lineNumber:c||void 0,columnNumber:p||void 0});for(var
o=0;o<r.length;o++)a.prototype["get"+e(r[o])]=t(r[o]),a.prototype["set"+e(r[o])]=function(e){return
function(t){this[e]=Boolean(t)}}(r[o]);for(var
l=0;l<n.length;l++)a.prototype["get"+e(n[l])]=t(n[l]),a.prototype["set"+e(n[l])]=function(e){return
function(t){if(r=t,isNaN(parseFloat(r))||!isFinite(r))throw new TypeError(e+" must be a Number");var
r;this[e]=Number(t)}(n[l]);for(var
c=0;c<i.length;c++)a.prototype["get"+e(i[c])]=t(i[c]),a.prototype["set"+e(i[c])]=function(e){return
function(t){this[e]=String(t)}(i[c]);return a})?n.apply(t,i:n)|(e.exports=s)}),function(e,t,r){ "use
strict";r.r(t),r.d(t,"parseSourceAndMetadata",(function(){return
W))),r.d(t,"purgeCachedMetadata",(function(){return X}));var n=r(60),i=r(61),s=r.n(i);const a={"--font-size-
monospace-small":"9px","--font-size-monospace-normal":"11px","--font-size-monospace-large":"15px","--font-
size-sans-small":"10px","--font-size-sans-normal":"12px","--font-size-sans-large":"14px","--line-height-
data":"18px"},o=(parseInt({"--font-size-monospace-small":"10px","--font-size-monospace-normal":"13px","--font-
size-monospace-large":"17px","--font-size-sans-small":"12px","--font-size-sans-normal":"14px","--font-size-sans-
large":"16px","--line-height-data":"22px"}["--line-height-data"],10),parseInt(a["--line-height-
data"],10),"undefined"!==typeof performance&&"function"===typeof
performance.mark&&performance.clearMarks,"undefined"!==typeof performance&&"function"===typeof
performance.now);function l(){return o?performance.now():Date.now()}function c(e,t,r){const n=l();const
i=t();if(null!=r){r(l()-n)}return i}var p=r(17),u=r.n(p);r(0);const
d=Object.freeze({ PROGRAM:"Program",CALL_EXPRESSION:"CallExpression",MEMBER_EXPRESSION:"Me
mberExpression",ARRAY_PATTERN:"ArrayPattern",IDENTIFIER:"Identifier",NUMERIC_LITERAL:"Numeric
Literal",VARIABLE_DECLARATOR:"VariableDeclarator"});function
h(e,t,r=null){const {start:n,end:i}=e.node.loc;return t===n.line&&(null!==(r&&(r-
=1,t===n.line&&r<n.column||t===i.line&&r>i.column)))function f(e){return
e.node.init.property.type===d.NUMERIC_LITERAL&&0===e.node.init.property.value}function m(e,t,r){let
n=[];return!function(e){const
t=e.node.id;if(t.type===d.ARRAY_PATTERN||t.type===d.IDENTIFIER&&!x(e))return!0;return!1}(e)?n=t.filter(t
=>function(e,t){const r=e.node.id.name;return
null!=r&&(r===(t.node.init.object&&t.node.init.object.name)||r===t.node.init.name)}(e,t)):n.unshift(e,n}function
y(e,t,r,n,i){const s=c(0,()=>function(e){const t=[];return
c(0,()=>u)(e,{enter(e){e.isVariableDeclarator()}&&function(e){const
t=e.node.init;if(null!=t){if(t.type===d.CALL_EXPRESSION){return
g(t.callee)}if(t.type===d.MEMBER_EXPRESSION||t.type===d.IDENTIFIER)return!0}return!1}(e)&&t.push(e)}
)),t(t));let a=null;if(0===i){const e=s.filter(e=>{const t=h(e,n),r=b(e);return t&&r});1===e.length&&(a=e[0])}else
a=s.find(e=>{const t=h(e,n,i),r=b(e);return t&&r});if(!a)return null;try{const t=c(0,()=>m(a,s));return
c(0,()=>function(e,t,r){let n;const i=null===e.id;switch(t.length){case
1:if(i&&t[0]===r){n=T(r,i);break}n=T(t[0]);break;case 2:if(1!==(t=t.filter(e=>f(e))).length)throw new
Error("Couldn't isolate AST Node containing hook variable.");n=T(t[0]);break;default:n=T(r)}return
n}(e,t,a))}catch(e){return console.error(e),null}}function T(e,t=!1){var r,n;switch(e.node.id.type){case
d.ARRAY_PATTERN:return t?null:null!==(r=null===(n=e.node.id.elements[0])||void 0===n?void
0:n.name)&&void 0!==(r?:r):null;case d.IDENTIFIER:return e.node.id.name;default:return null}}function b(e){const

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t=e.node.init;return null!=t&&t.type===d.CALL_EXPRESSION&&g(t.callee)}function
g(e){if(e.type===d.IDENTIFIER)return t=e.name,/^use[A-Z0-
9].*$/i.test(t);if(e.type===d.MEMBER_EXPRESSION&&e.computed&&g(e.property)){const t=e.object,r=/^[A-Z
].*/i.test(t);return t.type===d.IDENTIFIER&&r.test(t.name)}return!1;var t}function S(e,t){return
e.name===t||"MemberExpression"===e.type&&"React"===e.object.name&&e.property.name===t}function
x(e){const t=e.node.init.callee;return S(t,"useState")||S(t,"useReducer")||S(t,"useTransition")}var
E=r(129),P=r.n(E),v=r(62),A=r.n(v);let w=null;new WeakMap;function
O({fileName:e,lineNumber:t,columnNumber:r}){if(null===e||null===t||null===r)throw Error("Hook source code
location not found.");return` ${e}:${t}:${r}`}for(var
I=r(21),C={},N="ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/",k=0;k<
N.length;k++)C[N.charCodeAt(k)]=k;function D(e){for(var
t=[],r=[],n=[0,0,0,0],i=0,s=0,a=0,o=0;s<e.length;s++){var l=e.charCodeAt(s);if(44===l)_r(n,i),i=0;else
if(59===l)_r(n,i),i=0,t.push(r),r=[],n[0]=0;else{var c=C[l];if(void 0===c)throw new Error("Invalid character
("+String.fromCharCode(l)+")");var p=32&c;if(o+=(c&31)<<a,p)a+=5;else{var u=1&o;o>>=1,u&&(o=0===o?-
2147483648:-o),n[i]+=o,i++,o=a=0}}return _r(n,i),t.push(r),t}function
_(e,t,r){4===r?e.push([t[0],t[1],t[2],t[3]]):5===r?e.push([t[0],t[1],t[2],t[3],t[4]]):1===r&&e.push([t[0]])}function
L(e,t){const{names:r,mappings:n}=t,i=M(e,n,j);if(null===i)throw new Error("Expected to find a line in the HookMap
that covers the target location at line: ${e.line}, column: ${e.column}");let s;if(s=R(i)!===e.line?i[i.length-
1]:M(e,i,F),null===s)throw new Error("Expected to find a mapping in the HookMap that covers the target location at
line: ${e.line}, column: ${e.column}");const a=function(e){const t=e[2];if(null===t)throw new Error("Unexpected
hook name index missing in entry in HookMap");return t}(s);if(null===a)throw new Error("Expected to find a name
index in the HookMap that covers the target location at line: ${e.line}, column: ${e.column}");const
o=r[a];if(null===o)throw new Error("Expected to find a name in the HookMap that covers the target location at line:
${e.line}, column: ${e.column}");return"<no-hook>"===o?null:o}function M(e,t,r){let
n,i=t.length,s=0,a=0;for(;i>0;){s=a,n=Math.floor(i/2),s+=n;const
o=r(e,t,s);if(0===o.direction){if(null===o.index)throw new Error("Expected an index when matching element is
found.");a=o.index;break}o.direction>0?(s++,a=s,i-=n+1):i=n}return null!=a?t[a]:null}function j(e,t,r){const
n=r,i=t[n];if(null===i)throw new Error("Unexpected line missing in HookMap at index ${r}.");const s=R(i);let
a,o=r+1;const l=t[o];return
null!=l?a=R(l):(o=n,a=s),s===e.line?{index:n,direction:0}:a===e.line||e.line>a&&null===l?{index:o,direction:0}:s<
e.line&&e.line<a?{index:n,direction:0}:{index:null,direction:e.line-s}}function F(e,t,r){const
n=r,i=t[r];if(null===i)throw new Error("Unexpected mapping missing in HookMap line at index ${r}.");const
s=B(i);let a,o=r+1;const l=t[o];return
null!=l?a=B(l):(o=n,a=s),s===e.column?{index:n,direction:0}:a===e.column||e.column>a&&null===l?{index:o,dire
ction:0}:s<e.column&&e.column<a?{index:n,direction:0}:{index:null,direction:e.column-s}}function R(e){return
function(e){const t=e[0];if(null===t)throw new Error("Unexpected line number missing in entry in
HookMap");return t}(e[0])}function B(e){const t=e[1];if(null===t)throw new Error("Unexpected column number
missing in entry in HookMap");return t}function U(e,t){const{sourceRoot:r}=t;let n=e;return
n=String(n),n=I.normalize(n),n=null!=r&&I.isAbsolute(r)&&I.isAbsolute(n)?I.relative(r,n):I.computeSourceURL(
r,n)}class V{constructor(e){this._sourceMap=e,this._decodedHookMapCache=new
Map,this._metadataBySource=null}hookNameFor({line:e,column:t,source:r}){if(null===r)return null;const
n=this._getHookMapForSource(r);return null===n?null:L({line:e,column:t},n)}hasHookMap(e){return
null!=e&&null!=this._getHookMapForSource(e)}_getMetadataBySource(){return
null===this._metadataBySource&&(this._metadataBySource=this._getMetadataObjectsBySourceNames(this._source
Map)),this._metadataBySource}_getMetadataObjectsBySourceNames(e){if(void 0===e.mappings){const
t=e,r=new Map;return
t.sections.forEach(e=>{this._getMetadataObjectsBySourceNames(e.map).forEach((e,t=>{r.set(t,e)})),r}const
t=new Map,r=e,n=(e,n=>{let

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i=r.sources[n];null!=i&&(i=U(i,r),t.set(i,e));if(e.hasOwnProperty("x_react_sources")&&null!=e.x_react_sources){
e.x_react_sources.filter(Boolean).forEach(n)}else
if(e.hasOwnProperty("x_facebook_sources")&&null!=e.x_facebook_sources){const
t=e.x_facebook_sources;null!=t&&t.forEach((e,t)=>{const r=null!=e?e[1]:null;null!=r&&n(r,t)})}return
t}_getHookMapForSource(e){if(this._decodedHookMapCache.has(e))return
this._decodedHookMapCache.get(e);let t=null;const
r=this._getMetadataBySource(),n=U(e,this._sourceMap),i=r.get(n);if(null!=i){const
e=i[0];t=null!=e?function(e){return{names:e.names,mappings:D(e.mappings)}}(e):null}return
null!=t&&this._decodedHookMapCache.set(e,t,t)}function K(e){return null!=e.sections?function(e){let t={line:-
1,column:0};const r=e.sections.map(e=>{const
r=e.offset,n=r.line,i=r.column;if(n<t.line||n===t.line&&i<t.column)throw new Error("Section offsets must be
ordered and non-overlapping.");return
t=r,{generatedLine:n+1,generatedColumn:i+1,map:e.map,sourceMapConsumer:null}});return{originalPositionFor:fu
nction({columnNumber:e,lineNumber:t}){const n=e-1;let i=null,s=0,a=r.length-1,o=-
1;for(;s<=a){o=Math.floor((a+s)/2),i=r[o];const e=i.generatedLine;if(e===t){const
e=i.generatedColumn;if(e===t)break;if(e>n){if(!(a-o>0)){o=a;break}a=o}else{if(!(o-s>0)){o=s;break}s=o}
else if(e>t){if(!(a-o>0)){o=a;break}a=o}else{if(!(o-s>0)){o=s;break}s=o}}if(null===i)throw Error(`Could not find
matching section for line:${t} and column:${e}`);return
null===i.sourceMapConsumer&&(i.sourceMapConsumer=new
K(i.map)),i.sourceMapConsumer.originalPositionFor({columnNumber:e,lineNumber:t})}}(e):function(e){const
t=c(0,()=>D(e.mappings));return{originalPositionFor:function({columnNumber:r,lineNumber:n}){var i;const s=r-
1,a=t[n-1];let o=null,l=0,c=a.length-1,p=-1;for(;l<=c){p=Math.floor((c+l)/2),o=a[p];const
e=o[0];if(e===s)break;if(e>s){if(!(c-p>0)){p=c;break}c=p}else{if(!(p-l>0)){p=l;break}l=p}}for(;p>0){if(a[p-
1][0]!==s)break;p--}if(null===o)throw Error(`Could not find runtime location for line:${n} and column:${r}`);const
u=o[1],d=null!=e.sourcesContent?e.sourcesContent[u]:null,h=null!==(i=e.sources[u])&&void
0!==(i?:null,f=o[2]+1,m=o[3]);if(null===d||null===h)throw Error(`Could not find original source for line:${n} and
column:${r}`);return{column:m,line:f,sourceContent:d,sourceURL:h}}}(e)}const q=new s.a({max:50}),Y=new
s.a({max:50,dispose:(e,t)=>{}});const W=async function(e,t){return async function(e,t,r){const n=l(),i=await
t());if(null!=r){r(l()-n)}return i}(0,async()=>{const r=c(0,()=>function(e){const t=new Map;return
e.forEach((e,r)=>{t.set(r,{metadataConsumer:null,originalSourceAST:null,originalSourceCode:null,originalSource
URL:null,originalSourceLineNumber:null,originalSourceColumnNumber:null,sourceMapConsumer:null})}),t}(t));ret
urn c(0,()=>function(e,t){e.forEach((e,r)=>{const n=t.get(r);if(null===n)throw Error(`Expected to find
HookParsedMetadata for
"${r}"`);const {runtimeSourceURL:i,sourceMapJSON:s}=e,a=q.get(i);if(null!=a)n.metadataConsumer=a.metadataC
onsumer,n.sourceMapConsumer=a.sourceMapConsumer}else if(null!=s){const e=c(0,()=>K(s)),t=c(0,()=>new
V(s);n.metadataConsumer=t,n.sourceMapConsumer=e,q.set(i,{metadataConsumer:t,sourceMapConsumer:e})}})}(t
,r),c(0,()=>function(e,t){e.forEach((e,r)=>{const i=t.get(r);if(null===i)throw Error(`Expected to find
HookParsedMetadata for
"${r}"`);if(null===i.originalSourceAST)return;if(null!=i.originalSourceURL&&null!=i.originalSourceCode&&null
=i.originalSourceColumnNumber&&null!=i.originalSourceLineNumber)return;const {lineNumber:s,columnNumber
:a}=e.hookSource;if(null===s||null===a)throw Error("Hook source code location not
found.");const {metadataConsumer:o,sourceMapConsumer:l}=i,p=e.runtimeSourceCode;let
u,d,h,f,m=!1;if(function(){if(null===w)try{A(),w=!1}catch(e){P.a.parse(e)[0].lineNumber===v.SOURCE_STAC
K_FRAME_LINE_NUMBER&&(w=!0)}return!0===w}()||null===l)h=a,f=s,d=p,u=e.runtimeSourceURL}else{const
{column:e,line:t,sourceContent:r,sourceURL:n}=l.originalPositionFor({columnNumber:a,lineNumber:s});h=e,f=t,
d=r,u=n}if(i.originalSourceCode=d,i.originalSourceURL=u,i.originalSourceLineNumber=f,i.originalSourceColumn
Number=h,null!=o&&o.hasHookMap(u)&&(m=!0),m)return void 0;const
y=Y.get(u);if(null!=y)i.originalSourceAST=y.originalSourceAST,i.originalSourceCode=y.originalSourceCode}else

```

```

try{const
e=d.indexOf("@flow")>0?"flow":"typescript",t=c(0,()=>Object(n.parse)(d,{sourceType:"unambiguous",plugins:["jsx",e]}));i.originalSourceAST=t,Y.set(u,{originalSourceAST:t,originalSourceCode:d})}catch(e){throw new
Error("Failed to parse source file: ${u}\n\nOriginal error: `+e)})(t,r),c(0,()=>function(e,t){const r=new
Map;return e.map(e=>{const n=e.hookSource;if(!n.fileName)return null;const i=O(n),s=t.get(i);if(!s)return
null;const{lineNumber:a,columnNumber:o}=n;if(!a||!o)return
null;const{originalSourceURL:l,originalSourceColumnNumber:p,originalSourceLineNumber:u}=s;if(null===u||null=
=p||null===l)return null;let
d;const{metadataConsumer:h}=s,null!=h&&(d=c(0,()=>h.hookNameFor({line:u,column:p,source:l}))),null===d&&(
d=c(0,()=>y(e,s.originalSourceAST,s.originalSourceCode,u,p)));const
f=O(n);r.set(f,d)},r}(e,r)}),X=function(){Y.reset(),q.reset()};addEventListener("message",(function(e){var
r,n=e.data,i=n.type,s=n.method,a=n.id,o=n.params;"RPC"===i&&s&&((r=t[s])?Promise.resolve().then((function(){
return r.apply(t,o)})):Promise.reject("No such
method")).then((function(e){postMessage({type:"RPC",id:a,result:e}))).catch((function(e){var
t={message:e};e.stack&&(t.message=e.message,t.stack=e.stack,t.name=e.name),postMessage({type:"RPC",id:a,erro
r:t})))))),postMessage({type:"RPC",method:"ready"}))});

```

Found in path(s):

```

* /opt/cola/permits/1287718422_1647270843.85/0/react-devtools-core-4-23-0-
tgz/package/dist/parseSourceAndMetadata.worker.worker.js

```

No license file was found, but licenses were detected in source scan.

```

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iBAaiBzf,KAAK,CACxC4C,KAAM,kBACNyY,MAAOH,EAaOCC,GAC3CxK,UAAWjI,EACX4U,QAAS,YAE
N,GAAltoB,EAakib,WAAW,6BAA8B,CACvD,MAAOkL,EAAMB+D,GAAlBlqB,EAak2pB,OAAO,IAAIIngB,
MAAM,KAE3DkhB,EAAMB,CACvB9c,KAAM,wBACNyY,MAAOH,EAaOCC,GAC3C+D,gBACAvO,UAAWjI
,EACX4U,QAAS,MAKPxb,EAAM4Z,aAAa7T,KAAK,EAaejF,UAAmB,WAATA,KACtCd,EAAM6d,0BAA4BD
,GAGpCjE,EAaOBgE,iBAaiBzf,KAAK0f,QACrC,GAAl1qB,EAakib,WAAW,4BAA6B,CACtD,MAAOkL,EA
AMB+D,GAAlBlqB,EAak2pB,OAAO,IAAIIngB,MAAM,KAE3DohB,EAAMB,CACvBhd,KAAM,wBACNyY,MA
AOH,EAaOCC,GAC3C+D,gBACAvO,UAAWjI,EACX4U,QAAS,MAKPxb,EAAM4Z,aAAa7T,KAAK,EAaejF,
UAAmB,WAATA,KACtCd,EAAM6d,0BAA4BC,GAGpCnE,EAaOBgE,iBAaiBzf,KAAK4f,QACrC,GAAl5qB,E
AAKib,WAAW,YAAa,CACtC,MAAOiP,EAaeW,EAOPgB,GAAWzK,EAak2pB,OAAO,GAAGngB,MAAM,K

AE7Did,EAAoBqE,aAAa9f,KAAK,CACpCkf,gBACAzf,UACAogB,MAASA,EACTIP,UAAWjI,EACX9F,KAAM ,sBAKL,GAAl5N,EAAlkib,WAAW,uBAAwB,CAC/C,MACE3H,EACA4W,EACAW,EACA1E,EACA4E,GACE/ qB,EAAl2pB,OAAO,IAAlngB,MAAM,KACpB6c,EAAQH,EAAoCC,GAE5CgD,EAAlkB,IAAltkB,MAC1BiI,EA AMke,yBAAYb9W,KAAO,GACtCkV,MAAK,GACpTc,EAAMke,yBAAYbInB,QAAQ,EAAl6iB,YACvCwC,EA AgBxC,IAAS,IAG3B,IAAlA,EAAQ,EACZ,IAAlK,IAAlInB,EAAl,EAAGA,EAAl0pB,EAAlBrmB,OAAQrD,IAC 1C,GAAl0pB,EAAlB1pB,GAAl,CACtBknB,EAAlQInB,EACR,MASJ,MAAMwrB,EAAlB,CAAlpBf,gBACA vD,Q ACAZ,SAAU,KACVzS,KACAUx,MAASA,EACTE,YAAaA,GAAe,KAC5BG,WAAy,aACZC,oBAAqB,KACrBx P,UAAWjI,EACX9F,KAAM,WACN0a,QAAS,MAGG,WAAVuC,GAKF/d,EAAMse,2CAA2CpgB,KAAK,CACp DigB,EACA5E,IAAlI,EAAlB4E,eAAergB,KAAKigB,GACxCne,EAAMke,yBAAYbXnB,IAAl8P,EAAl2X,QACIC ,GAAljrB,EAAlkib,WAAW,yBAA0B,CACnD,MAAO3H,GAAMtT,EAAl2pB,OAAO,IAAlngB,MAAM,KAC7B yhB,EAAlBne,EAAMke,yBAAYb1qB,IAAlgT,GACpC,MAAJB2X,IACwC,OAAtCA,EAAlCe,oBACHBF,EAAlCe, oBAAsB,CAACzX,GAERcX,EAAlCe,oBAAoBngB,KAAK0I,SAGtC,GAAlIT,EAAlkib,WAAW,wBAAYb,CACI D,MAAO3H,GAAMtT,EAAl2pB,OAAO,IAAlngB,MAAM,KAC7ByhB,EAAlBne,EAAMke,yBAAYb1qB,IAAl gT,GACpC,MAAJB2X,IACFne,EAAMke,yBAAYb3Q,OAAO/G,GAEtC2X,EAAlcF,SAAWrS,EAAYuX,EAAlcP, UACnDsP,EAAlcC,WAAa,iBAExB,GAAlrB,EAAlkib,WAAW,wBAAYb,CACID,MAAO3H,GAAMtT,EAAl2p B,OAAO,IAAlngB,MAAM,KAC7ByhB,EAAlBne,EAAMke,yBAAYb1qB,IAAlgT,GACpC,MAAJB2X,IACFne, EAAMke,yBAAYb3Q,OAAO/G,GAEtC2X,EAAlcF,SAAWrS,EAAYuX,EAAlcP,UACnDsP,EAAlcC,WAAa,iBA K1B,GAAlrB,EAAlkib,WAAW,mBAAoB,CACvCnO,EAAMwe,qCACRxe,EAAMwe,oCAAqC,EAC3Cxe,EAAM2Y,SAAa3Y,EAAMye,cAKa,OAAPcZe,EAAM6d,4BACR7d,EAAM0e,2BAA2BxB,KAAK,CACpC8B,EAAM 6d,0BACN7d,EAAM2Y,WAER3Y,EAAM6d,0BAA4B,MAGpC,MAAOxE,GAAqBnmB,EAAl2pB,OAAO,IAAl ngB,MAAM,MA/b1D,SACEoE,EACA9E,GAEA,MAAM2iB,EAAY3iB,EAAMhG,OAAS,EACjC,GAAl2oB,GA Aa,EAAG,CACIB,MAAMnnB,EAAlOwe,EAAM2iB,GACnB,QAAsBtkB,IAAlB7C,EAAlwhB,UAA0BxB,EAAl KsJ,OAASA,EAC/C,MAAM,IAAl+W,EACP,oBAAmB/W,sBAAYbtJ,EAAlKsJ,qBAwblD8d,CAAlkB,SAAU5e,E AAM4Z,cACM,gBA1hBhD,SAAqB5d,GACnB,GAAlA,EAAMhG,OAAS,EAAG,CACpB,MAAM,KAAC8K,GA AQ9E,EAAMA,EAAMhG,OAAS,GACpC,OAAO8K,EAET,OAAO,KAqhBG+d,CAAY7e,EAAM4Z,eACpBF,EA CE,cACA9S,EACAws,EAAoCC,GACpCM,EACA3Z,GAGJ0Z,EACE,SACA9S,EACAws,EAAoCC,GACpCM,E ACA3Z,GAGF,IAAlK,IAAlrN,EAAl,EAAGA,EAAlqN,EAAMqb,iBAAlBrlB,OAAQrD,IAAlK,CACtD,MAAM4o B,EAAlcvB,EAAMqb,iBAAlB1oB,GAC1B4oB,EAAY1M,UAAAY0M,EAAYtC,SAOtCrS,GACb5G,EAAM8e,oBA AoB5gB,KAAK,CAACqd,EAAlvb,EAAM2Y,iBAGID,GACLzIB,EAAlkib,WAAW,kBACHBjb,EAAlkib,WAAW, kBAEhB8L,EACE,SACArT,EACA+S,EACA3Z,EAAM4Z,mBAEH,GAAl1mB,EAAlkib,WAAW,mBACzBnO,E AAMwe,oCAAqC,EAC3CvE,EACE,SACArT,EACA+S,EACA3Z,EAAM4Z,cAERK,EACE,cACArT,EACA+S,E ACA3Z,EAAM4Z,mBAKL,GAAl1mB,EAAlkib,WAAW,mBAAoB,CAC3CnO,EAAMwe,oCAAqC,EAC3C,MAA OnF,GAAqBnmB,EAAl2pB,OAAO,IAAlngB,MAAM,KAElDgd,EACE,SACA9S,EACAws,EAAoCC,GACpCM ,EACA3Z,QAEG,GAAl9M,EAAlkib,WAAW,iBACzB8L,EACE,SACArT,EACA+S,EACA3Z,EAAM4Z,cAERK, EACE,cACArT,EACA+S,EACA3Z,EAAM4Z,mBAKL,GAAl1mB,EAAlkib,WAAW,2BAA4B,CACnD,MAAOkl ,GAAqBnmB,EAAl2pB,OAAO,IAAlngB,MAAM,KAElDgd,EACE,iBACA9S,EACAws,EAAoCC,GACpCM,EA CA3Z,QAEG,GAAl9M,EAAlkib,WAAW,yBACzB8L,EACE,iBACArT,EACA+S,EACA3Z,EAAM4Z,mBAKL,G AAl1mB,EAAlkib,WAAW,4BAA6B,CACpD,MAAOkl,GAAqBnmB,EAAl2pB,OAAO,IAAlngB,MAAM,KAEl Dgd,EACE,kBACA9S,EACAws,EAAoCC,GACpCM,EACA3Z,QAEG,GAAl9M,EAAlkib,WAAW,0BACzB8L,E ACE,kBACArT,EACA+S,EACA3Z,EAAM4Z,mBAKL,GAAl1mB,EAAlkib,WAAW,kCAAmC,CAC1D,MAAM4 Q,EAAlB7rB,EAAl2pB,OAAO,IAEpC,IAAlK7c,EAAMgf,6BAA6BvoB,IAAlsoB,GAAlkB,CAC5D/e,EAAMgf,6 BAA6B1R,IAAlYr,GAEvC,MAAME,EAAlwBC,EAAlBh,GAE9C/e,EAAMmf,gCAAlCF,QAERc,GAAlrB,EA Alkib,WAAW,iCAAlC,CAC3D,MAAMiR,EAAlBlS,EAAl2pB,OAAO,IAEnC,IAAlK7c,EAAMgf,6BAA6BvoB, IAAl2oB,GAAlB,CAC3Dpf,EAAMgf,6BAA6B1R,IAAl8R,GAEvC,MAAMC,EAAlBH,EAAlB,GAEl7C,GAC2 B,OAAzBC,GAC0C,OAA1Crf,EAAMmf,gCACN,CACA,MAAMF,EAAlwBjf,EAAMmf,gCAEpCnf,EAAMmf,gC AAlC,KAExC,MAAMG,EAAlQ,CAACL,EAAluBI,GACHCE,EAAS5F,EAAlB6F,6BAA6BhsB,IAC9DyrB,EAAs B7hB,UAEV,MAAlVmiB,EACF5F,EAAlB6F,6BAA6B9oB,IAC/CuoB,EAAsB7hB,SACtB,CAAlkib,IAGHC,EA AOrhB,KAAKohB,UAO,GAAlW,MAAlPIF,GAAqB,MAAlPA,EAAlBT,EAAlB8F,qBAAqBvhB,KAAK,CAC5Ch

L,OACA2b,UAAWjI,SAER,GAAW,MAAPwT,QAEJ,GAAW,MAAPA,QAEJ,GAAW,MAAPA,GAAqB,MAAPA,EA0vB,MAAM,IAAIvC,EACP,sBAAqB6H,KAAC,UA CzBvZ,oDAQZ,SAASiX,EA AoCrd,GACA,OAAvCA,EAMsd,8BACR5kB,QAAQmD,MACN,+DACAmE,EAAMsd,8BAKZ,SAASC,EACPvd,EACA c,GAE2C,OAAvC d,EAAMsd,6BACR5kB,QAAQmD,MACL,2BAA0BiF,+CAEpBd,EAAMsd,6BAA6Bxc,OAASA,GACrDpI,QAA QmD,MACL,2BAA0BiF,yBAA4Bd,EAAMsd,6BAA6Bxc,oBAmKhG,SAASoe,EAAGBU,GACvB,MAAM/jB,EA AQ,IAAIIF,MACIBkF,EAAMG,MAAQ4jB,EAEd,MAAMjU,EAASKu,IAAiBjkB,MAAMC,GAETc,OAAyB,IAAI B8P,EA A03V,OAAe2V,EA AO,GA AK,KAG5B9H,eAAeic,EAC5BC,GA EA,MAAMC,EA9CR,SAA8BC,GAC5B ,IAAIC,EACJ,IACEA,EA Aa3a,mCAAyB0a,EAAS,kBAC/C,MAAOpkB,GAEP,MAAMskB,EA AiB,IAAItI,EA Ao Bhc,EAAM8B,SAErD,MADAwIB,EA AenkB,MAAQH,EAAMG,MACvBmkB,EAGR,MAAM1Y,EA AUyY,EA W7Y,SAAS,GAoBpC,OAIB6B,IAAI+Y,aAAqB,CACpDpV,eAAgBvD,EA AQuD,eAAe7W,KAAKsT,GAC5CsF, YAAatF,EA AQsF,YAAY5Y,KAAKsT,GACtCOE,YAAa1E,EA AQ0E,YAAYhY,KAAKsT,GACtCqJ,uBAAwB,IA AM,IAGoBD,YAAYva,IAAI+pB,GACIEA,EAAM/pB,IAAI,EA EuW,QAAO4D,MAAKnI,MAAOc,OAAQIW,O AAM4U,OAAMIL,OAAMoL,YAA/C,CACR9U,OACA2b,UAAWhC,EA AQ,IACnBoM,UAAWxI,EAAM5D,GA AS,IAC1ByT,UAAWxY,EACXyY,aAAc3jB,EACd4jB,eAAgBxY,MAMBDyY,CAAqBV,GAEIC/F,EA AwB,IAAI ljB,IACIC,IAAK,IAAIjB,EA AkB,EAAGA,EChhCK,GDghCyBA,IAC1DC,EAAsBtjB,IAAIqjB,EAAM,IAGIC,M AAMM,EA AKC,CACtCvB,sBAAuB,IAAIhIB,IAC3B2mB,kBAAmB,GACnBxE,SAAU,EACV+G,aACAR,6BAA 8B,IAAI1oB,IACICkMB,eAAgB,IAAIImB,IACpBkjB,wBACAyB,aAAc,GACdiB,gBA AiB,GACjB+C,qBAAsB,G ACtB7C,aAAc,KACde,iBA AkB,GACIB3C,UAAW,GACX0F,eAAgB,EACB9Z,UAAW,EACX2X,eAAgB,GACh BP,aAAc,IAeV2C,GAVNZ,EA AWA,EAASpjB,OA A02a,SAASrhB,KAAK,CAACC,EAAGC,IAAOD,EA AEH,G AAKI,EA AEJ,GA AK,GA AK,IAUIC6qB,UACnCxa,GA AwB,YAAfA,EAAMIT,MAEjB,IAA6B,IAAzBytB,EACF, OAAOtG,EAMTA,EA AzT,UAA YmZ,EAASY,GA AQ7nB,KAAK2N,KAAKG,UACjEYt,EA AapB,UACV8G,E AASA,EAAS/pB,OAAS,GAAGD,GA AKskB,EA AzT,WAAa,IAEhE,MAAM5G,EA AwB,CAC5B0a,wBA AyB,G ACzB/B,SAAU,EACV2E,6BAA8B,KAC9B6B,gCAAiC,KACjCH,6BAA8B,IAAI3R,IACICuM,aAAc,GACdyB,iB AAkB,GACIBmD,oCAAoC,EACpCM,oBAAqB,GACrBjB,0BAA2B,KAC3Ba,2BAA4B,GAC5BJ,2CAA4C,GAC 5CzC,6BAA8B,IAAI/kB,IACIC2nB,WAA Y,EACZP,yBAA0B,IAAIpnB,KAKhC,GAFAipB,EAAS/oB,QAAQoP, GAAS8T,EA AqB9T,EA AOiU,EA Acra,IAE5C,OA ApByZ,EA A0B,CAC5B,GAC2C,IAAzCY,EA AsD,iBA AiB3n B,QACc,IAA5CqkB,EA AvB,sBAAsB1R,KAMnC,MAAM,IAAIyQ,EACR,wJAKJ,MAAM,IAAIA,EACP,4EAK L,MAAM,aAAC+B,GA AgB5Z,EA qDvB,GAPDI4Z,EA Aa5jB,OAAS,GACxB0C,QAAQmD,MAAM,gCAAiC+d, GAIjD5Z,EAAM8e,oBAAoB9nB,QAAQ,EA AEukB,EA Aa5C,MAG/C,MAAO/R,EA AWoS,GA AYf,EAC5BU,EA CA0B,EACAKB,EA AY1M,WAEVmk,EA AWpS,EAnkCqB,KAokCIC2U,EAAYC,QAAUrC,KAG1BnZ,EAAM0e ,2BAA2B1nB,QAAQ,EA AE6pB,EA AiBI,MAE1D,MAAO/R,EA AWoS,GA AYf,EA AcU,EA AU0B,GACIDrB,EA AWpS,EA ZkCsB,KA8kChCia,EA AgBtH,MAAMuH,KACrB/G,GA AKD,eAA1CM,EA Aa2C,eAAexpB,IAAIumB, MAG1C8G,EA AgBrF,QAAUrC,MAIhCnZ,EAAMse,2CAA2CtnB,QAC/C,EA AEknB,EA Ae5E,MAGZA,EAAM uH,KACL/G,GA AKD,eAA1CM,EA Aa2C,eAAexpB,IAAIumB,MAG1CoE,EA Ac3C,QAAUrC,WAOxBvR,QAAQi d,IAAI/gB,EAAM0a,yBAIpbL,EA AaW,UAAUhib,OAAS,EAAG,CAGrC,MAAMskB,EA AWd,EA AaW,UAAU, GAExCX,EA AaqG,eAAiBrpB,KAAKsZ,IACjC2J,EAAS1F,OCjqCoB,IDSqCjC,OA AOyF,E,oBEhrCF,MAAM2G, ECWNnd,eAA0BiE,GAC/B,IACE,MAAMmZ,OCVoBnZ,KAC5B,IAAKA,EA AK5U,KAAKguB,SAAS,SACtB,M AAM,IAAIrJ,EACR,mEAIJ,MAAMsJ,EA Aa,IAAIC,WAEvB,OA AO,IAAItD,QAAQ,CAACjC,EAASC,KAC3Bqf, EA AWE,OAAS,KACIB,MAAM5pB,EAAS6G,IAAW6iB,EA AW1pB,QACf,iBAAXA,GACToK,EA AQpK,GAEV qK,EA AO,IAAI+V,EA AoB,yCAGjCsJ,EA AWG,QAAU,IAAMxf,EA AOqf,EA AWtIB,OAE7CsIB,EA AWI,WAA WzZ,MDVC0Z,CAAc1Z,GAC/B9B,EA A0B0Z,KAAK9jB,MAAMqIB,GAC3C,GAAsB,IAAI Bjb,EA AOhQ,OAC T,MAAM,IAAI6hB,EA AoB,oCAKhC,MAAO,CACL4J,OAAQ,UACRC,oBAJ0B5B,EA Ae9Z,IAM3C,MAAOnK, GACP,OA AIA,aAAiBgc,EACZ,CACL4J,OAAQ,wBACR5IB,SAGK,CACL4IB,OAAQ,mBACR5IB,W","file": "importFile.worker.worker.js","sourcesContent":[" t// The module cache\n\tvar installedModules = {};\n\n\t// The require function\n\tfunction __webpack_require__(moduleId) {\n\n\t\t// Check if module is in cache\n\t\tif(installedModules[moduleId]) {\n\t\t\treturn installedModules[moduleId].exports;\n\t\t}\n\t\t// Create a new module (and put it into the cache)\n\t\t\tvar module = installedModules[moduleId] = {\n\t\t\t\ti: moduleId,\n\t\t\t\tl: false,\n\t\t\t\texports: {} \n\t\t};\n\t\t// Execute the module function\n\t\tmodules[moduleId].call(module.exports,

```

module, module.exports, __webpack_require__);
// Flag the module as loaded
module.l = true;
// Return the exports of the module
return module.exports;
// expose the modules object
(__webpack_modules__)
__webpack_require__.m = modules;
// expose the module cache
__webpack_require__.c = installedModules;
// define getter function for harmony exports
__webpack_require__.d = function(exports, name, getter) {
  if(!__webpack_require__.o(exports, name)) {
    Object.defineProperty(exports, name, {
      enumerable: true,
      get: getter
    });
  }
  // define __esModule
  // on exports
  __webpack_require__.r = function(exports) {
    if(typeof Symbol !== 'undefined' &&
      Symbol.toStringTag) {
      Object.defineProperty(exports, Symbol.toStringTag, {
        value: 'Module'
      });
      Object.defineProperty(exports, '__esModule', {
        value: true
      });
    }
    // create a fake namespace object
    // mode & 1: value is a module id, require it
    // mode & 2: merge all properties of value into the ns
    // mode & 4: return value when already ns object
    // mode & 8: behave like require
    __webpack_require__.t = function(value, mode) {
      if(mode & 1) value = __webpack_require__(value);
      if(mode & 8) return value;
      if((mode & 4) && typeof value === 'object' && value && value.__esModule)
        return value;
      var ns = Object.create(null);
      __webpack_require__.r(ns);
      Object.defineProperty(ns, 'default', {
        enumerable: true,
        value: value
      });
      if(mode & 2 && typeof value != 'string')
        for(var key in value)
          __webpack_require__.d(ns, key, function(key) {
            return value[key];
          }.bind(null, key));
      return ns;
    };
    // getDefaultExport function for
    // compatibility with non-harmony modules
    __webpack_require__.n = function(module) {
      var getter = module && module.__esModule ?
        function getDefault() {
          return module['default'];
        } :
        function getModuleExports() {
          return module;
        };
      __webpack_require__.d(getter, 'a', getter);
      return getter;
    };
    // Object.prototype.hasOwnProperty.call
    __webpack_require__.o = function(object, property) {
      return Object.prototype.hasOwnProperty.call(object, property);
    };
    // __webpack_public_path__
    __webpack_require__.p = "";
    // Load entry module and return exports
    return __webpack_require__(__webpack_require__.s = 13);
  };
  // "use strict"
  Object.defineProperty(exports, '__esModule', {
    value: true
  });
  exports.decodeBase64 = exports.lazyStatic = exports.memoizeByReference =
  exports.memoizeByShallowEquality = exports.objectsHaveShallowEquality = exports.noop = exports.binarySearch =
  exports.triangle = exports.fract = exports.formatPercent = exports.zeroPad = exports.itReduce = exports.itForEach =
  exports.itMap = exports.KeyedSet = exports.getOrThrow = exports.getOrElse = exports.getOrInsert =
  exports.sortBy = exports.lastOf = void 0;
  function lastOf(ts) {
    return ts[ts.length - 1] || null;
  }
  exports.lastOf = lastOf;
  function sortBy(ts, key) {
    function comparator(a, b) {
      const keyA = key(a);
      const keyB = key(b);
      return keyA < keyB ? -1 : keyA > keyB ? 1 : 0;
    }
    ts.sort(comparator);
  }
  exports.sortBy = sortBy;
  function getOrInsert(map, k, fallback) {
    if(!map.has(k))
      map.set(k, fallback(k));
    return map.get(k);
  }
  exports.getOrInsert = getOrInsert;
  function getOrElse(map, k, fallback) {
    if(!map.has(k))
      return fallback(k);
    return map.get(k);
  }
  exports.getOrElse = getOrElse;
  function getOrThrow(map, k) {
    if(!map.has(k))
      throw new Error(`Expected key ${k}`);
    return map.get(k);
  }
  exports.getOrThrow = getOrThrow;
  class KeyedSet {
    constructor() {
      this.map = new Map();
    }
    getOrInsert(t) {
      const key = t.key;
      const existing = this.map.get(key);
      if(existing)
        return existing;
      this.map.set(key, t);
      return t;
    }
    forEach(fn) {
      this.map.forEach(fn);
    }
    [Symbol.iterator]() {
      return this.map.values();
    }
  }
  exports.KeyedSet = KeyedSet;
  function* itMap(it, f) {
    for(let t of it)
      yield f(t);
  }
  exports.itMap = itMap;
  function itForEach(it, f) {
    for(let t of it)
      f(t);
  }
  exports.itForEach = itForEach;
  function itReduce(it, f, init) {
    let accum = init;
    for(let t of it)
      accum = f(accum, t);
    return accum;
  }
  exports.itReduce = itReduce;
  function zeroPad(s, width) {
    return new Array(Math.max(width - s.length, 0) + 1).join('0') + s;
  }
  exports.zeroPad = zeroPad;
  function formatPercent(percent) {
    let formattedPercent = `${percent.toFixed(0)}%`;
    if(percent === 100)
      formattedPercent = '100%';
    else if(percent > 99)
      formattedPercent = '>99%';
    else if(percent < 0.01)
      formattedPercent = '<0.01%';
    else if(percent < 1)
      formattedPercent = `${percent.toFixed(2)}%`;
    else if(percent < 10)
      formattedPercent = `${percent.toFixed(1)}%`;
    return formattedPercent;
  }
  exports.formatPercent = formatPercent;
  function fract(x) {
    return x - Math.floor(x);
  }
  exports.fract = fract;
  function triangle(x) {

```

```

return 2.0 * Math.abs(fract(x) - 0.5) - 1.0;\n\nexports.triangle = triangle;\nfunction binarySearch(lo, hi, f, target,
targetRangeSize = 1) {\n  console.assert(!isNaN(targetRangeSize) && !isNaN(target));\n  while (true) {\n    if
(hi - lo <= targetRangeSize)\n      return [lo, hi];\n    const mid = (hi + lo) / 2;\n    const val = f(mid);\n    if (val < target)\n      lo = mid;\n    else\n      hi = mid;\n  }\n}\nexports.binarySearch =
binarySearch;\nfunction noop(...args) { }\nexports.noop = noop;\nfunction objectsHaveShallowEquality(a, b) {\n
for (let key in a) {\n  if (a[key] !== b[key])\n    return false;\n  }\n  for (let key in b) {\n    if (a[key] !==
b[key])\n      return false;\n  }\n  return true;\n}\nexports.objectsHaveShallowEquality =
objectsHaveShallowEquality;\nfunction memoizeByShallowEquality(cb) {\n  let last = null;\n  return (args) =>
{\n    let result;\n    if (last === null) {\n      result = cb(args);\n      last = { args, result };\n      return
result;\n    }\n    else if (objectsHaveShallowEquality(last.args, args)) {\n      return last.result;\n    }\n
else {\n      last.args = args;\n      last.result = cb(args);\n      return last.result;\n    }\n  }\n}\n
exports.memoizeByShallowEquality = memoizeByShallowEquality;\nfunction memoizeByReference(cb) {\n  let last =
null;\n  return (args) => {\n    let result;\n    if (last === null) {\n      result = cb(args);\n      last = {
args, result };\n      return result;\n    }\n    else if (last.args === args) {\n      return last.result;\n    }
\n    else {\n      last.args = args;\n      last.result = cb(args);\n      return last.result;\n    }\n  }\n}\n
exports.memoizeByReference = memoizeByReference;\nfunction lazyStatic(cb) {\n  let last = null;\n  return () =>
{\n    if (last === null) {\n      last = { result: cb() };\n    }\n    return last.result;\n  }\n}\n
exports.lazyStatic = lazyStatic;\nconst base64lookupTable = lazyStatic(() => {\n  const alphabet =
'ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/';\n  const ret = new
Map();\n  for (let i = 0; i < alphabet.length; i++) {\n    ret.set(alphabet.charAt(i), i);\n  }\n  ret.set('=', -1);\n
return ret;\n});\n\n// NOTE: There are probably simpler solutions to this problem, but I have this written already,
so\n\n// until we run into problems with this, let's just use this.\n\n// See: https://developer.mozilla.org/en-
US/docs/Web/API/WindowBase64/Base64_encoding_and_decoding#The_Unicode_Problem#The_Unicode_Proble
m\nfunction decodeBase64(encoded) {\n  // Reference: https://www.rfc-editor.org/rfc/rfc4648.txt\n  const
lookupTable = base64lookupTable();\n  // 3 byte groups are represented as sequences of 4 characters.\n  //\n  //
The encoding process represents 24-bit groups of input bits as output\n  // strings of 4 encoded characters.\n  //\n
//\n  // Special processing is performed if fewer than 24 bits are available\n  // at the end of the data being
encoded. A full encoding quantum is\n  // always completed at the end of a quantity. When fewer than 24 input\n
// bits are available in an input group bits with value zero are added\n  // (on the right) to form an integral number
of 6-bit groups.\n  if (encoded.length % 4 !== 0) {\n    throw new Error(`Invalid length for base64 encoded
string. Expected length % 4 = 0, got length = ${encoded.length}`);\n  }\n  const quartetCount = encoded.length /
4;\n  let byteCount;\n  // Special processing is performed if fewer than 24 bits are available\n  // at the end of the
data being encoded. A full encoding quantum is\n  // always completed at the end of a quantity. When fewer than
24 input\n  // bits are available in an input group, bits with value zero are added\n  // (on the right) to form an
integral number of 6-bit groups. Padding\n  // at the end of the data is performed using the '=' character. Since\n
// all base 64 input is an integral number of octets, only the following\n  // cases can arise:\n  //\n  // (1) The final
quantum of encoding input is an integral multiple of 24\n  // bits; here, the final unit of encoded output will be an
integral\n  // multiple of 4 characters with no '=' padding.\n  //\n  // (2) The final quantum of encoding input
is exactly 8 bits; here, the\n  // final unit of encoded output will be two characters followed by\n  // two '='
padding characters.\n  //\n  // (3) The final quantum of encoding input is exactly 16 bits; here, the\n  // final
unit of encoded output will be three characters followed by\n  // one '=' padding character.\n  if
(encoded.length >= 4) {\n    if (encoded.charAt(encoded.length - 1) === '=') {\n      if
(encoded.charAt(encoded.length - 2) === '=') {\n        // Case (2)\n        byteCount = quartetCount * 3 -
2;\n      }\n      else {\n        // Case (3)\n        byteCount = quartetCount * 3 - 1;\n      }\n    }\n    else {\n      // Case (1)\n      byteCount = quartetCount * 3;\n    }\n  }\n  else {\n    // Case (1)\n    byteCount = quartetCount * 3;\n  }\n  const bytes = new Uint8Array(byteCount);\n  let offset = 0;\n  for (let i =
0; i < quartetCount; i++) {\n    const enc1 = encoded.charAt(i * 4 + 0);\n    const enc2 = encoded.charAt(i * 4 +
1);\n    const enc3 = encoded.charAt(i * 4 + 2);\n    const enc4 = encoded.charAt(i * 4 + 3);\n    const sextet1

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= lookupTable.get(enc1);\n    const sextet2 = lookupTable.get(enc2);\n    const sextet3 =
lookupTable.get(enc3);\n    const sextet4 = lookupTable.get(enc4);\n    if (sextet1 == null || sextet2 == null ||
sextet3 == null || sextet4 == null) {\n        throw new Error('Invalid quartet at indices ${i * 4} .. ${i * 4 + 3}:
${encoded.substring(i * 4, i * 4 + 3)}');\n    }\n    bytes[offset++] = (sextet1 << 2) | (sextet2 >> 4);\n    if
(enc3 !== '=') {\n        bytes[offset++] = ((sextet2 & 15) << 4) | (sextet3 >> 2);\n    }\n    if (enc4 !== '=') {\n
        bytes[offset++] = ((sextet3 & 7) << 6) | sextet4;\n    }\n    }\n    if (offset !== byteCount) {\n        throw new
Error('Expected to decode ${byteCount} bytes, but only decoded ${offset}');\n    }\n    return
bytes;\n}\nexports.decodeBase64 = decodeBase64;\n","use strict";\nvar __createBinding = (this &&
this.__createBinding) || (Object.create ? (function(o, m, k, k2) {\n    if (k2 === undefined) k2 = k;\n    Object.defineProperty(o, k2, { enumerable: true, get: function() { return m[k]; } });\n});\n) : (function(o, m, k, k2) {\n
if (k2 === undefined) k2 = k;\n    o[k2] = m[k];\n});\n)\nvar __exportStar = (this && this.__exportStar) || function(m,
exports) {\n    for (var p in m) if (p !== "default" && !exports.hasOwnProperty(p)) __createBinding(exports, m,
p);\n}\n\nObject.defineProperty(exports, "__esModule", { value: true });\n__exportStar(require("./import/chrome"),
exports);\n__exportStar(require("./lib/flamechart"), exports);\n","use strict";\n\nObject.defineProperty(exports,
"__esModule", { value: true });\n\nexports.ByteFormatter = exports.TimeFormatter = exports.RawValueFormatter =
void 0;\n\nconst utils_1 = require("./utils");\n\nclass RawValueFormatter {\n    constructor() {\n        this.unit =
'none';\n    }\n    format(v) {\n        return v.toLocaleString();\n    }\n}\n\nexports.RawValueFormatter =
RawValueFormatter;\n\nclass TimeFormatter {\n    constructor(unit) {\n        this.unit = unit;\n        if (unit ===
'nanoseconds')\n            this.multiplier = 1e-9;\n        else if (unit === 'microseconds')\n            this.multiplier = 1e-
6;\n        else if (unit === 'milliseconds')\n            this.multiplier = 1e-3;\n        else\n            this.multiplier = 1;\n    }\n    formatUnsigned(v) {\n        const s = v * this.multiplier;\n        if (s / 60 >= 1) {\n            const minutes =
Math.floor(s / 60);\n            const seconds = Math.floor(s - minutes * 60).toString();\n            return
`${minutes}:${utils_1.zeroPad(seconds, 2)}`;\n        }\n        if (s / 1 >= 1)\n            return `${s.toFixed(2)}s`;\n        if (s / 1e-3 >= 1)\n            return `${(s / 1e-3).toFixed(2)}ms`;\n        if (s / 1e-6 >= 1)\n            return `${(s / 1e-
6).toFixed(2)}µs`;\n        else\n            return `${(s / 1e-9).toFixed(2)}ns`;\n    }\n    format(v) {\n        return `${v < 0
? '-' : ''}${this.formatUnsigned(Math.abs(v))}`;\n    }\n}\n\nexports.TimeFormatter = TimeFormatter;\n\nclass
ByteFormatter {\n    constructor() {\n        this.unit = 'bytes';\n    }\n    format(v) {\n        if (v < 1024)\n            return
`${v.toFixed(0)} B`;\n        v /= 1024;\n        if (v < 1024)\n            return `${v.toFixed(2)} KB`;\n        v /= 1024;\n        if (v < 1024)\n            return `${v.toFixed(2)} MB`;\n        v /= 1024;\n            return `${v.toFixed(2)} GB`;\n    }\n}\n\nexports.ByteFormatter = ByteFormatter;\n\n","(function(root, factory) {\n    'use strict';\n    // Universal Module
Definition (UMD) to support AMD, CommonJS/Node.js, Rhino, and browsers.\n\n    /* istanbul ignore next */\n    if
(typeof define === 'function' && define.amd) {\n        define('error-stack-parser', ['stackframe'], factory);\n    } else
if (typeof exports === 'object') {\n        module.exports = factory(require('stackframe'));\n    } else {\n        root.ErrorStackParser = factory(root.StackFrame);\n    }\n})(this, function ErrorStackParser(StackFrame) {\n    'use
strict';\n\n    var FIREFOX_SAFARI_STACK_REGEXP = /(^\@)\$S+:\d+;/;\n    var
CHROME_IE_STACK_REGEXP = /^\$s*at.*(\$S+:\d+|(\native\))/m;\n    var
SAFARI_NATIVE_CODE_REGEXP = /^(eval@)?(\[native code\])?$/;\n\n    return {\n        /**\n         * Given an
Error object, extract the most information from it.\n         * @param {Error} error object\n         * @return
{Array} of StackFrames\n         * @param parse: function ErrorStackParser$$parse(error) {\n         * if (typeof
error.stacktrace !== 'undefined' || typeof error['opera#sourceloc'] !== 'undefined') {\n         * return
this.parseOpera(error);\n         * } else if (error.stack && error.stack.match(CHROME_IE_STACK_REGEXP)) {\n         *
return this.parseV8OrIE(error);\n         * } else if (error.stack) {\n         * return
this.parseFFOrSafari(error);\n         * } else {\n         * throw new Error('Cannot parse given Error object');\n         *
}\n         * },\n\n        // Separate line and column numbers from a string of the form: (URI:Line:Column)\n\n        extractLocation: function ErrorStackParser$$extractLocation(urlLike) {\n            // Fail-fast but return locations like
\"(native)\"\n            if (urlLike.indexOf(':') === -1) {\n                return [urlLike];\n            }\n\n            var regExp =
/(\.+)?(?::(\d+))?(?::(\d+))?$/;\n            var parts = regExp.exec(urlLike.replace(/[\(\)/g, '']);\n            return [parts[1],
parts[2] || undefined, parts[3] || undefined];\n        },\n\n        parseV8OrIE: function

```

```

ErrorStackParser$$parseV8OrIE(error) {\n      var filtered = error.stack.split("\n").filter(function(line) {\n
return !!line.match(CHROME_IE_STACK_REGEXP);\n      }, this);\n\n      return
filtered.map(function(line) {\n      if (line.indexOf('(eval ') > -1) {\n      // Throw away eval
information until we implement stacktrace.js/stackframe#8\n      line = line.replace(/eval code/g,
'eval').replace(/(\(eval at [^()]*\)|\(\),.*$/g, ");\n      }\n      var sanitizedLine = line.replace(/^\\s+/,
").replace(/\\(eval code/g, '(');\n\n      // capture and preseve the parenthesized location \"(/foo/my
bar.js:12:87)\" in\n      // case it has spaces in it, as the string is split on \\s+ later on\n      var location =
sanitizedLine.match(/ (\\((.+):(\\d+):(\\d+)\\)$)/);\n\n      // remove the parenthesized location from the line, if it
was matched\n      sanitizedLine = location ? sanitizedLine.replace(location[0], ") : sanitizedLine;\n\n
var tokens = sanitizedLine.split(/\\s+/).slice(1);\n      // if a location was matched, pass it to extractLocation()
otherwise pop the last token\n      var locationParts = this.extractLocation(location ? location[1] :
tokens.pop());\n      var functionName = tokens.join(' ') || undefined;\n      var fileName = ['eval',
'<anonymous>'].indexOf(locationParts[0]) > -1 ? undefined : locationParts[0];\n\n      return new
StackFrame({\n      functionName: functionName,\n      fileName: fileName,\n
lineNumber: locationParts[1],\n      columnNumber: locationParts[2],\n      source: line\n
});\n      }, this);\n      },\n\n      parseFFOrSafari: function ErrorStackParser$$parseFFOrSafari(error) {\n
var filtered = error.stack.split("\n").filter(function(line) {\n      return
!!line.match(SAFARI_NATIVE_CODE_REGEXP);\n      }, this);\n\n      return filtered.map(function(line)
{\n      // Throw away eval information until we implement stacktrace.js/stackframe#8\n      if
(line.indexOf(' > eval') > -1) {\n      line = line.replace(/ line (\\d+)(?: > eval line \\d+)* > eval:\\d+:\\d+/g,
':$1');\n      }\n\n      if (line.indexOf('@') === -1 && line.indexOf('.') === -1) {\n      // Safari
eval frames only have function names and nothing else\n      return new StackFrame({\n
functionName: line\n      });\n      } else {\n      var functionNameRegex =
/((.*\\.+\\.+"[^@]*"?[^@]*)(?:@)/;\n      var matches = line.match(functionNameRegex);\n\n      var
functionName = matches && matches[1] ? matches[1] : undefined;\n      var locationParts =
this.extractLocation(line.replace(functionNameRegex, ""));\n\n      return new StackFrame({\n
functionName: functionName,\n      fileName: locationParts[0],\n      lineNumber:
locationParts[1],\n      columnNumber: locationParts[2],\n      source: line\n      });\n
      }, this);\n      },\n\n      parseOpera: function ErrorStackParser$$parseOpera(e) {\n      if
(!e.stacktrace || (e.message.indexOf("\n") > -1 && e.message.split("\n").length >
e.stacktrace.split("\n").length)) {\n      return this.parseOpera9(e);\n      } else if (!e.stack) {\n
return this.parseOpera10(e);\n      } else {\n      return this.parseOpera11(e);\n      }\n      },\n\n
parseOpera9: function ErrorStackParser$$parseOpera9(e) {\n      var lineRE = /Line (\\d+).*script (?:in
)?(\\S+)/i;\n      var lines = e.message.split("\n");\n      var result = [];\n\n      for (var i = 2, len =
lines.length; i < len; i += 2) {\n      var match = lineRE.exec(lines[i]);\n      if (match) {\n
result.push(new StackFrame({\n      fileName: match[2],\n      lineNumber: match[1],\n
source: lines[i]\n      }));\n      }\n      }\n\n      return result;\n      },\n\n
parseOpera10: function ErrorStackParser$$parseOpera10(e) {\n      var lineRE = /Line (\\d+).*script (?:in
)?(\\S+)(?::: In function (\\S+)?$/i;\n      var lines = e.stacktrace.split("\n");\n      var result = [];\n\n      for
(var i = 0, len = lines.length; i < len; i += 2) {\n      var match = lineRE.exec(lines[i]);\n      if (match)
{\n      result.push(\n      new StackFrame({\n      functionName: match[3] ||
undefined,\n      fileName: match[2],\n      lineNumber: match[1],\n
source: lines[i]\n      })\n      );\n      }\n      }\n\n      return result;\n      },\n\n      //
Opera 10.65+ Error.stack very similar to FF/Safari\n      parseOpera11: function
ErrorStackParser$$parseOpera11(error) {\n      var filtered = error.stack.split("\n").filter(function(line) {\n
return !!line.match(FIREFOX_SAFARI_STACK_REGEXP) && !line.match(/^Error created at/);\n      },
this);\n\n      return filtered.map(function(line) {\n      var tokens = line.split('@');\n      var
locationParts = this.extractLocation(tokens.pop());\n      var functionCall = (tokens.shift() || "");\n      var

```

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functionName = functionCall\n
.replace(/<anonymous function:( (\w+))?>/, '$2')\n
.replace(/^\((^\)*\)/g, ") || undefined;\n
var argsRaw;\n
if (functionCall.match(/^\(((^\)*\)/)) {\n
argsRaw = functionCall.replace(/^[^(]+\(((^\)*\)/)$$, '$1');\n
}\n
var args = (argsRaw\n
=== undefined || argsRaw === '[arguments not available]') ?\n
undefined : argsRaw.split(',');\n
return new StackFrame({\n
functionName: functionName,\n
args: args,\n
fileName: locationParts[0],\n
lineNumber: locationParts[1],\n
columnNumber:\n
locationParts[2],\n
source: line\n
});\n
}, this);\n
}\n
});\n
}";\n
"use\n
strict";\n
function nullthrows(x, message) {\n
if (x != null) {\n
return x;\n
}\n
var error = new Error(message\n
! == undefined ? message : 'Got unexpected ' + x);\n
error.framesToPop = 1; // Skip nullthrows's own stack frame.\n
throw error;\n
}\n
}\n
module.exports = nullthrows;\n
module.exports.default =\n
nullthrows;\n
}\n
}\n
Object.defineProperty(module.exports, '__esModule', {value: true});\n
}";\n
}"/**\n
 * Copyright (c) 2014-\n
present, Facebook, Inc.\n
 * This source code is licensed under the MIT license found in the\n
 * LICENSE file in\n
the root directory of this source tree.\n
 * \n
 * \n
var runtime = (function (exports) {\n
\n
"use strict";\n
\n
var Op =\n
Object.prototype;\n
var hasOwn = Op.hasOwnProperty;\n
var undefined; // More compressible than void 0.\n
var\n
$Symbol = typeof Symbol === "function" ? Symbol : {};\n
var iteratorSymbol = $Symbol.iterator ||\n
"@@iterator";\n
var asyncIteratorSymbol = $Symbol.asyncIterator || "@@asyncIterator";\n
var\n
toStringTagSymbol = $Symbol.toStringTag || "@@toStringTag";\n
\n
function define(obj, key, value) {\n
Object.defineProperty(obj, key, {\n
value: value,\n
enumerable: true,\n
configurable: true,\n
writable:\n
true\n
});\n
return obj[key];\n
}\n
\n
try {\n
\n
// IE 8 has a broken Object.defineProperty that only works on DOM\n
objects.\n
define({}, "");\n
}\n
catch (err) {\n
define = function(obj, key, value) {\n
return obj[key] = value;\n
};\n
}\n
\n
function wrap(innerFn, outerFn, self, tryLocsList) {\n
\n
// If outerFn provided and outerFn.prototype is\n
a Generator, then outerFn.prototype instanceof Generator.\n
var protoGenerator = outerFn && outerFn.prototype\n
instanceof Generator ? outerFn : Generator;\n
var generator = Object.create(protoGenerator.prototype);\n
var\n
context = new Context(tryLocsList || []);\n
\n
// The ._invoke method unifies the implementations of the .next,\n
\n
// .throw, and .return methods.\n
generator._invoke = makeInvokeMethod(innerFn, self, context);\n
\n
return\n
generator;\n
}\n
\n
exports.wrap = wrap;\n
\n
// Try/catch helper to minimize deoptimizations. Returns a completion\n
// record like context.tryEntries[i].completion. This interface could\n
// have been (and was previously) designed to\n
take a closure to be\n
// invoked without arguments, but in all the cases we care about we\n
// already have an\n
existing method we want to call, so there's no need\n
// to create a new function object. We can even get away with\n
assuming\n
// the method takes exactly one argument, since that happens to be true\n
// in every case, so we don't\n
have to touch the arguments object. The\n
// only additional allocation required is the completion record, which\n
// has a stable shape and so hopefully should be cheap to allocate.\n
function tryCatch(fn, obj, arg) {\n
try {\n
return {\n
type: "normal",\n
arg: fn.call(obj, arg)\n
};\n
}\n
catch (err) {\n
return {\n
type: "throw",\n
arg: err\n
};\n
}\n
}\n
\n
var GenStateSuspendedStart = "suspendedStart";\n
var GenStateSuspendedYield = "suspendedYield";\n
var\n
GenStateExecuting = "executing";\n
var GenStateCompleted = "completed";\n
\n
// Returning this object\n
from the innerFn has the same effect as\n
// breaking out of the dispatch switch statement.\n
var ContinueSentinel =\n
{};\n
\n
// Dummy constructor functions that we use as the .constructor and\n
// .constructor.prototype properties for\n
functions that return Generator\n
// objects. For full spec compliance, you may wish to configure your\n
// minifier\n
not to mangle the names of these two functions.\n
function Generator() {}\n
function GeneratorFunction() {}\n
\n
function GeneratorFunctionPrototype() {}\n
\n
// This is a polyfill for %IteratorPrototype% for environments that\n
// don't natively support it.\n
var IteratorPrototype = {};\n
\n
IteratorPrototype[iteratorSymbol] = function () {\n
return this;\n
};\n
\n
var getProto = Object.getPrototypeOf;\n
var NativeIteratorPrototype = getProto &&\n
getProto(getProto(values([])));\n
\n
if (NativeIteratorPrototype &&\n
NativeIteratorPrototype !== Op &&\n
hasOwn.call(NativeIteratorPrototype, iteratorSymbol)) {\n
\n
// This environment has a native %IteratorPrototype%;\n
use it instead\n
// of the polyfill.\n
IteratorPrototype = NativeIteratorPrototype;\n
}\n
\n
var Gp =\n
GeneratorFunctionPrototype.prototype =\n
Generator.prototype = Object.create(IteratorPrototype);\n
\n
GeneratorFunction.prototype = Gp.constructor = GeneratorFunctionPrototype;\n
\n
GeneratorFunctionPrototype.constructor = GeneratorFunction;\n
\n
GeneratorFunction.displayName = define(\n

```

```

GeneratorFunctionPrototype,\n  toStringTagSymbol,\n  \"GeneratorFunction\"\\n );\\n\\n // Helper for defining the
.next, .throw, and .return methods of the\n // Iterator interface in terms of a single ._invoke method.\n function
defineIteratorMethods(prototype) {\n  [\"next\", \"throw\", \"return\"].forEach(function(method) {\n
define(prototype, method, function(arg) {\n    return this._invoke(method, arg);\\n    });\\n  });\\n }\\n\\n
exports.isGeneratorFunction = function(genFun) {\n  var ctor = typeof genFun === \"function\" &&
genFun.constructor;\\n  return ctor\\n    ? ctor === GeneratorFunction ||\\n    // For the native GeneratorFunction
constructor, the best we can\\n    // do is to check its .name property.\\n    (ctor.displayName || ctor.name) ===
\"GeneratorFunction\"\\n    : false;\\n  };\\n\\n exports.mark = function(genFun) {\n  if (Object.setPrototypeOf) {\n
Object.setPrototypeOf(genFun, GeneratorFunctionPrototype);\\n  } else {\n    genFun.__proto__ =
GeneratorFunctionPrototype;\\n    define(genFun, toStringTagSymbol, \"GeneratorFunction\");\\n  }\\n
genFun.prototype = Object.create(Gp);\\n  return genFun;\\n  };\\n\\n // Within the body of any async function, `await
x` is transformed to\n // `yield regeneratorRuntime.awrap(x)`, so that the runtime can test\n // `hasOwn.call(value,
\"__await\")` to determine if the yielded value is\n // meant to be awaited.\\n exports.awrap = function(arg) {\n
return { __await: arg };\\n };\\n\\n function AsyncIterator(generator, PromiseImpl) {\n  function invoke(method,
arg, resolve, reject) {\n    var record = tryCatch(generator[method], generator, arg);\\n    if (record.type ===
\"throw\") {\n      reject(record.arg);\\n    } else {\n      var result = record.arg;\\n      var value = result.value;\\n
if (value &&\\n        typeof value === \"object\" &&\\n        hasOwn.call(value, \"__await\")) {\n        return
PromiseImpl.resolve(value.__await).then(function(value) {\n          invoke(\"next\", value, resolve, reject);\\n
        }, function(err) {\n          invoke(\"throw\", err, resolve, reject);\\n        });\\n      }\\n      return
PromiseImpl.resolve(value).then(function(unwrapped) {\n        // When a yielded Promise is resolved, its final
value becomes\n        // the .value of the Promise<{value,done}> result for the\n        // current iteration.\\n
result.value = unwrapped;\\n        resolve(result);\\n      }, function(error) {\n        // If a rejected Promise was
yielded, throw the rejection back\n        // into the async generator function so it can be handled there.\\n        return
invoke(\"throw\", error, resolve, reject);\\n      });\\n    }\\n  }\\n  var previousPromise;\\n\\n  function
enqueue(method, arg) {\n    function callInvokeWithMethodAndArg() {\n      return new
PromiseImpl(function(resolve, reject) {\n        invoke(method, arg, resolve, reject);\\n      });\\n    }\\n    return
previousPromise =\\n    // If enqueue has been called before, then we want to wait until\n    // all previous
Promises have been resolved before calling invoke,\\n    // so that results are always delivered in the correct order.
If\n    // enqueue has not been called before, then it is important to\n    // call invoke immediately, without
waiting on a callback to fire,\\n    // so that the async generator function has the opportunity to do\n    // any
necessary setup in a predictable way. This predictability\n    // is why the Promise constructor synchronously
invokes its\n    // executor callback, and why async functions synchronously\n    // execute code before the first
await. Since we implement simple\n    // async functions in terms of async generators, it is especially\n    //
important to get this right, even though it requires care.\\n    previousPromise ? previousPromise.then(\\n
callInvokeWithMethodAndArg,\\n    // Avoid propagating failures to Promises returned by later\n    //
invocations of the iterator.\\n    callInvokeWithMethodAndArg\\n    ) : callInvokeWithMethodAndArg();\\n
  }\\n\\n // Define the unified helper method that is used to implement .next,\\n // .throw, and .return (see
defineIteratorMethods).\\n  this._invoke = enqueue;\\n }\\n\\n defineIteratorMethods(AsyncIterator.prototype);\\n
AsyncIterator.prototype[asyncIteratorSymbol] = function () {\n  return this;\\n };\\n exports.AsyncIterator =
AsyncIterator;\\n\\n // Note that simple async functions are implemented on top of\n // AsyncIterator objects; they
just return a Promise for the value of\n // the final result produced by the iterator.\\n exports.async =
function(innerFn, outerFn, self, tryLocsList, PromiseImpl) {\n  if (PromiseImpl === void 0) PromiseImpl =
Promise;\\n\\n  var iter = new AsyncIterator(\\n    wrap(innerFn, outerFn, self, tryLocsList),\\n    PromiseImpl\\n
);\\n\\n  return exports.isGeneratorFunction(outerFn)\\n    ? iter // If outerFn is a generator, return the full iterator.\\n
    : iter.next().then(function(result) {\n      return result.done ? result.value : iter.next();\\n    });\\n };\\n\\n function
makeInvokeMethod(innerFn, self, context) {\n  var state = GenStateSuspendedStart;\\n\\n  return function
invoke(method, arg) {\n    if (state === GenStateExecuting) {\n      throw new Error(\"Generator is already
running\");\\n    }\\n\\n    if (state === GenStateCompleted) {\n      if (method === \"throw\") {\n        throw arg;\\n

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    }\n\n    // Be forgiving, per 25.3.3.3.3 of the spec:\n    // https://people.mozilla.org/~jorendorff/es6-
draft.html#sec-generatorresume\n    return doneResult();\n    }\n\n    context.method = method;\n    context.arg
= arg;\n\n    while (true) {\n        var delegate = context.delegate;\n        if (delegate) {\n            var delegateResult =
maybeInvokeDelegate(delegate, context);\n            if (delegateResult) {\n                if (delegateResult ===
ContinueSentinel) continue;\n                return delegateResult;\n            }\n        }\n\n        if (context.method ===
\"next\") {\n            // Setting context._sent for legacy support of Babel's\n            // function.sent implementation.\n            context.sent = context._sent = context.arg;\n\n        } else if (context.method === \"throw\") {\n            if (state ===
GenStateSuspendedStart) {\n                state = GenStateCompleted;\n                throw context.arg;\n            }\n\n            context.dispatchException(context.arg);\n\n        } else if (context.method === \"return\") {\n            context.abrupt(\"return\", context.arg);\n        }\n\n        state = GenStateExecuting;\n\n        var record =
tryCatch(innerFn, self, context);\n        if (record.type === \"normal\") {\n            // If an exception is thrown from
innerFn, we leave state ===\n            // GenStateExecuting and loop back for another invocation.\n            state =
context.done\n                ? GenStateCompleted\n                : GenStateSuspendedYield;\n\n            if (record.arg ===
ContinueSentinel) {\n                continue;\n            }\n\n            return {\n                value: record.arg,\n                done:
context.done\n            };\n        } else if (record.type === \"throw\") {\n            state = GenStateCompleted;\n            //
Dispatch the exception by looping back around to the\n            // context.dispatchException(context.arg) call above.\n            context.method = \"throw\";\n            context.arg = record.arg;\n        }\n    }\n\n    // Call
delegate.iterator[context.method](context.arg) and handle the\n    // result, either by returning a { value, done } result
from the\n    // delegate iterator, or by modifying context.method and context.arg,\n    // setting context.delegate to null,
and returning the ContinueSentinel.\n    function maybeInvokeDelegate(delegate, context) {\n        var method =
delegate.iterator[context.method];\n        if (method === undefined) {\n            // A .throw or .return when the delegate
iterator has no .throw\n            // method always terminates the yield* loop.\n            context.delegate = null;\n\n            if
(context.method === \"throw\") {\n                // Note: [\"return\"] must be used for ES3 parsing compatibility.\n                if
(delegate.iterator[\"return\"])\n                    // If the delegate iterator has a return method, give it a\n                    // chance to
clean up.\n                    context.method = \"return\";\n                    context.arg = undefined;\n\n                maybeInvokeDelegate(delegate, context);\n                if (context.method === \"throw\") {\n                    // If
maybeInvokeDelegate(context) changed context.method from\n                    // \"return\" to \"throw\", let that override the
TypeError below.\n                    return ContinueSentinel;\n                }\n            }\n\n            context.method = \"throw\";\n            context.arg = new TypeError(\n                \"The iterator does not provide a 'throw' method\");\n        }\n\n        return
ContinueSentinel;\n    }\n\n    var record = tryCatch(method, delegate.iterator, context.arg);\n    if (record.type ===
\"throw\") {\n        context.method = \"throw\";\n        context.arg = record.arg;\n        context.delegate = null;\n        return
ContinueSentinel;\n    }\n\n    var info = record.arg;\n    if (! info) {\n        context.method = \"throw\";\n        context.arg = new TypeError(\"iterator result is not an object\");\n        context.delegate = null;\n        return
ContinueSentinel;\n    }\n\n    if (info.done) {\n        // Assign the result of the finished delegate to the temporary\n
// variable specified by delegate.resultName (see delegateYield).\n        context[delegate.resultName] =
info.value;\n        // Resume execution at the desired location (see delegateYield).\n        context.next =
delegate.nextLoc;\n        // If context.method was \"throw\" but the delegate handled the\n        // exception, let the
outer generator proceed normally. If\n        // context.method was \"next\", forget context.arg since it has been\n        //
\"consumed\" by the delegate iterator. If context.method was\n        // \"return\", allow the original .return call to
continue in the\n        // outer generator.\n        if (context.method !== \"return\") {\n            context.method = \"next\";\n            context.arg = undefined;\n        }\n    } else {\n        // Re-yield the result returned by the delegate method.\n        return info;\n    }\n\n    // The delegate iterator is finished, so forget it and continue with\n    // the outer generator.\n    context.delegate = null;\n    return ContinueSentinel;\n    }\n\n    // Define Generator.prototype.{next,throw,return} in
terms of the\n    // unified ._invoke helper method.\n    defineIteratorMethods(Gp);\n\n    define(Gp,
toStringTagSymbol, \"Generator\");\n\n    // A Generator should always return itself as the iterator object when the\n
// @@iterator function is called on it. Some browsers' implementations of the\n    // iterator prototype chain
incorrectly implement this, causing the Generator\n    // object to not be returned from this call. This ensures that
doesn't happen.\n    // See https://github.com/facebook/regenerator/issues/274 for more details.\n    Gp[iteratorSymbol]

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= function() {\n  return this;\n };\n\n Gp.toString = function() {\n  return "[object Generator]";\n };\n\n function pushTryEntry(locs) {\n  var entry = { tryLoc: locs[0] };\n  if (1 in locs) {\n    entry.catchLoc = locs[1];\n  }\n  if (2 in locs) {\n    entry.finallyLoc = locs[2];\n    entry.afterLoc = locs[3];\n  }\n  this.tryEntries.push(entry);\n }\n\n function resetTryEntry(entry) {\n  var record = entry.completion || {};\n  record.type = "normal";\n  delete record.arg;\n  entry.completion = record;\n }\n\n function Context(tryLocsList) {\n  // The root entry object (effectively a try statement without a catch\n  // or a finally block) gives us a place to store values thrown from\n  // locations where there is no enclosing try statement.\n  this.tryEntries = [{ tryLoc: "root" }];\n  tryLocsList.forEach(pushTryEntry, this);\n  this.reset(true);\n }\n\n exports.keys = function(object) {\n  var keys = [];\n  for (var key in object) {\n    keys.push(key);\n  }\n  keys.reverse();\n  // Rather than returning an object with a next method, we keep\n  // things simple and return the next function itself.\n  return function next() {\n    while (keys.length) {\n      var key = keys.pop();\n      if (key in object) {\n        next.value = key;\n        next.done = false;\n        return next;\n      }\n    }\n    // To avoid creating an additional object, we just hang the .value\n    // and .done properties off the next function object itself. This\n    // also ensures that the minifier will not anonymize the function.\n    next.done = true;\n    return next;\n  };\n }\n\n function values(iterable) {\n  if (iterable) {\n    var iteratorMethod = iterable[iteratorSymbol];\n    if (iteratorMethod) {\n      return iteratorMethod.call(iterable);\n    }\n    if (typeof iterable.next === "function") {\n      return iterable;\n    }\n    if (!isNaN(iterable.length)) {\n      var i = -1, next = function next() {\n        while (++i < iterable.length) {\n          if (hasOwn.call(iterable, i)) {\n            next.value = iterable[i];\n            next.done = false;\n            return next;\n          }\n        }\n        next.value = undefined;\n        next.done = true;\n        return next;\n      };\n      return next.next = next;\n    }\n  }\n  // Return an iterator with no values.\n  return { next: doneResult };\n }\n\n exports.values = values;\n\n function doneResult() {\n  return { value: undefined, done: true };\n }\n\n Context.prototype = {\n  constructor: Context,\n\n  reset: function(skipTempReset) {\n    this.prev = 0;\n    this.next = 0;\n    // Resetting context._sent for legacy support of Babel's\n    // function.sent implementation.\n    this.sent = this._sent = undefined;\n    this.done = false;\n    this.delegate = null;\n\n    this.method = "next";\n    this.arg = undefined;\n\n    this.tryEntries.forEach(resetTryEntry);\n    if (!skipTempReset) {\n      for (var name in this) {\n        // Not sure about the optimal order of these conditions:\n        if (name.charAt(0) === "t" && hasOwn.call(this, name) && !isNaN(+name.slice(1))) {\n          this[name] = undefined;\n        }\n      }\n    }\n  },\n\n  stop: function() {\n    this.done = true;\n\n    var rootEntry = this.tryEntries[0];\n    var rootRecord = rootEntry.completion;\n    if (rootRecord.type === "throw") {\n      throw rootRecord.arg;\n    }\n\n    return this.rval;\n  },\n\n  dispatchException: function(exception) {\n    if (this.done) {\n      throw exception;\n    }\n\n    var context = this;\n    function handle(loc, caught) {\n      record.type = "throw";\n      record.arg = exception;\n      context.next = loc;\n\n      if (caught) {\n        // If the dispatched exception was caught by a catch block,\n        // then let that catch block handle the exception normally.\n        context.method = "next";\n        context.arg = undefined;\n      }\n\n      return !! caught;\n    }\n\n    for (var i = this.tryEntries.length - 1; i >= 0; --i) {\n      var entry = this.tryEntries[i];\n      var record = entry.completion;\n      if (entry.tryLoc === "root") {\n        // Exception thrown outside of any try block that could handle\n        // it, so set the completion value of the entire function to\n        // throw the exception.\n        return handle("end");\n      }\n      if (entry.tryLoc <= this.prev) {\n        var hasCatch = hasOwn.call(entry, "catchLoc");\n        var hasFinally = hasOwn.call(entry, "finallyLoc");\n        if (hasCatch && hasFinally) {\n          if (this.prev < entry.catchLoc) {\n            return handle(entry.catchLoc, true);\n          } else if (this.prev < entry.finallyLoc) {\n            return handle(entry.finallyLoc);\n          }\n        } else if (hasCatch) {\n          if (this.prev < entry.catchLoc) {\n            return handle(entry.catchLoc, true);\n          }\n        } else if (hasFinally) {\n          if (this.prev < entry.finallyLoc) {\n            return handle(entry.finallyLoc);\n          }\n        } else {\n          throw new Error("try statement without catch or finally");\n        }\n      }\n    }\n\n    abrupt:\n    function(type, arg) {\n      for (var i = this.tryEntries.length - 1; i >= 0; --i) {\n        var entry = this.tryEntries[i];\n        if (entry.tryLoc <= this.prev && hasOwn.call(entry, "finallyLoc") && this.prev < entry.finallyLoc) {\n          var finallyEntry = entry;\n          break;\n        }\n      }\n      if (finallyEntry &&

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(type === "break" ||\n      type === "continue") &&\n      finallyEntry.tryLoc <= arg &&\n      arg <=
finallyEntry.finallyLoc) {\n      // Ignore the finally entry if control is not jumping to a\n      // location outside the
try/catch block.\n      finallyEntry = null;\n    }\n\n    var record = finallyEntry ? finallyEntry.completion : {};\n    record.type = type;\n    record.arg = arg;\n\n    if (finallyEntry) {\n      this.method = "next";\n      this.next =
finallyEntry.finallyLoc;\n      return ContinueSentinel;\n    }\n\n    return this.complete(record);\n  },\n\n  complete: function(record, afterLoc) {\n    if (record.type === "throw") {\n      throw record.arg;\n    }\n\n    if
(record.type === "break" ||\n      record.type === "continue") {\n      this.next = record.arg;\n    } else if
(record.type === "return") {\n      this.rval = this.arg = record.arg;\n      this.method = "return";\n      this.next
= "end";\n    } else if (record.type === "normal" && afterLoc) {\n      this.next = afterLoc;\n    }\n\n    return
ContinueSentinel;\n  },\n\n  finish: function(finallyLoc) {\n    for (var i = this.tryEntries.length - 1; i >= 0; --i)
{\n      var entry = this.tryEntries[i];\n      if (entry.finallyLoc === finallyLoc) {\n
this.complete(entry.completion, entry.afterLoc);\n      resetTryEntry(entry);\n      return ContinueSentinel;\n
}\n    }\n  },\n\n  "catch": function(tryLoc) {\n    for (var i = this.tryEntries.length - 1; i >= 0; --i) {\n      var
entry = this.tryEntries[i];\n      if (entry.tryLoc === tryLoc) {\n        var record = entry.completion;\n        if
(record.type === "throw") {\n          var thrown = record.arg;\n          resetTryEntry(entry);\n        }\n
return thrown;\n      }\n    }\n\n    // The context.catch method must only be called with a location\n    //
argument that corresponds to a known catch block.\n    throw new Error("illegal catch attempt");\n  },\n\n  delegateYield: function(iterable, resultName, nextLoc) {\n    this.delegate = {\n      iterator: values(iterable),\n
resultName: resultName,\n      nextLoc: nextLoc\n    };\n\n    if (this.method === "next") {\n      // Deliberately
forget the last sent value so that we don't\n      // accidentally pass it on to the delegate.\n      this.arg =
undefined;\n    }\n\n    return ContinueSentinel;\n  } }\n};\n\n// Regardless of whether this script is executing as
a CommonJS module\n// or not, return the runtime object so that we can declare the variable\n//
regeneratorRuntime in the outer scope, which allows this module to be\n// injected easily by `bin/regenerator --
include-runtime script.js`.\nreturn exports;\n})(\n// If this script is executing as a CommonJS module, use
module.exports\n// as the regeneratorRuntime namespace. Otherwise create a new empty\n// object. Either way,
the resulting object will be used to initialize\n// the regeneratorRuntime variable at the top of this file.\ntypeof
module === "object" ? module.exports : {}));\n\ntry {\n  regeneratorRuntime = runtime;\n} catch
(accidentalStrictMode) {\n  // This module should not be running in strict mode, so the above\n  // assignment
should always work unless something is misconfigured. Just\n  // in case runtime.js accidentally runs in strict mode,
we can escape\n  // strict mode using a global Function call. This could conceivably fail\n  // if a Content Security
Policy forbids using Function, but in that case\n  // the proper solution is to fix the accidental strict mode problem.
If\n  // you've misconfigured your bundler to force strict mode and applied a\n  // CSP to forbid Function, and you're
not willing to fix either of those\n  // problems, please detail your predicament in a GitHub issue.\n  Function("r", "regeneratorRuntime = r")(runtime);\n}\n\n"use strict";\nObject.defineProperty(exports,
"__esModule", { value: true });\nexports.importFromOldV8CPUProfile = exports.importFromChromeCPUProfile
= exports.importFromChromeTimeline = exports.isChromeTimeline = void 0;\nconst profile_1 =
require("../lib/profile");\nconst utils_1 = require("../lib/utils");\nconst value_formatters_1 = require("../lib/value-formatters");\nconst v8cpuFormatter_1 = require("../v8cpuFormatter");\nfunction isChromeTimeline(rawProfile)
{\n  if (!Array.isArray(rawProfile))\n    return false;\n  if (rawProfile.length < 1)\n    return false;\n  const
first = rawProfile[0];\n  if (!('pid' in first && 'tid' in first && 'ph' in first && 'cat' in first))\n    return false;\n  if
(!rawProfile.find(e => e.name === 'CpuProfile' || e.name === 'Profile' || e.name === 'ProfileChunk'))\n    return
false;\n  return true;\n}\nexports.isChromeTimeline = isChromeTimeline;\nfunction
importFromChromeTimeline(events, fileName) {\n  // It seems like sometimes Chrome timeline files contain
multiple CpuProfiles?\n  // For now, choose the first one in the list.\n  const cpuProfileById = new Map();\n  //
Maps profile IDs (like "0x3") to pid/tid pairs formatted as `${pid}:${tid}`\n  const pidTidById = new Map();\n  //
Maps pid/tid pairs to thread names\n  const threadNameByPidTid = new Map();\n  // The events aren't
necessarily recorded in chronological order. Sort them so\n  // that they are.\n  utils_1.sortBy(events, e => e.ts);\n  for (let event of events) {\n    if (event.name === 'CpuProfile') {\n      const pidTid =

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`${event.pid}:${event.tid}`;\n      const id = event.id || pidTid;\n      cpuProfileByID.set(id,
event.args.data.cpuProfile);\n      pidTidById.set(id, pidTid);\n    }\n    if (event.name === 'Profile') {\n
      const pidTid = `${event.pid}:${event.tid}`;\n      cpuProfileByID.set(event.id || pidTid, Object.assign({
startTime: 0, endTime: 0, nodes: [], samples: [], timeDeltas: [] }, event.args.data));\n      if (event.id) {\n
pidTidById.set(event.id, `${event.pid}:${event.tid}`);\n      }\n      if (event.name === 'thread_name')
{\n
        threadNameByPidTid.set(`${event.pid}:${event.tid}`, event.args.name);\n      }\n      if (event.name
=== 'ProfileChunk') {\n
        const pidTid = `${event.pid}:${event.tid}`;\n        const cpuProfile =
cpuProfileByID.get(event.id || pidTid);\n        if (cpuProfile) {\n
          const chunk = event.args.data;\n          if (chunk.cpuProfile) {\n
            if (chunk.cpuProfile.nodes) {\n
              cpuProfile.nodes =
cpuProfile.nodes.concat(chunk.cpuProfile.nodes);\n            }\n            if (chunk.cpuProfile.samples) {\n
              cpuProfile.samples = cpuProfile.samples.concat(chunk.cpuProfile.samples);\n            }\n
          }\n          if (chunk.timeDeltas) {\n
            cpuProfile.timeDeltas =
cpuProfile.timeDeltas.concat(chunk.timeDeltas);\n          }\n          if (chunk.startTime !== null) {\n
            cpuProfile.startTime = chunk.startTime;\n          }\n          if (chunk.endTime !== null) {\n
            cpuProfile.endTime = chunk.endTime;\n          }\n          else {\n
            console.warn(`Ignoring
ProfileChunk for undeclared Profile with id ${event.id || pidTid}`);\n          }\n        }\n      }\n      if
(cpuProfileByID.size > 0) {\n
        const profiles = [];\n        let indexToView = 0;\n        utils_1.forEach(cpuProfileByID.keys(), profileId => {\n
          let threadName = null;\n          let pidTid =
pidTidById.get(profileId);\n          if (pidTid) {\n
            threadName = threadNameByPidTid.get(pidTid) ||
null;\n            if (threadName) {\n
              }\n            }\n            const profile =
importFromChromeCPUProfile(cpuProfileByID.get(profileId));\n            if (threadName && cpuProfileByID.size >
1) {\n
              profile.setName(`${fileName} - ${threadName}`);\n              if (threadName ===
'CrRendererMain') {\n
                indexToView = profiles.length;\n              }\n            }\n            else {\n
              profile.setName(`${fileName}`);\n            }\n            profiles.push(profile);\n          });\n          return { name: fileName,
indexToView, profiles };\n        }\n      }\n      else {\n
        throw new Error('Could not find CPU profile in Timeline');\n      }\n    }\n  }\n}\n\nexport importFromChromeTimeline = importFromChromeTimeline;\nconst callFrameToFrameInfo = new
Map();\nfunction frameInfoForCallFrame(callFrame) {\n  return utils_1.getOrInsert(callFrameToFrameInfo,
callFrame, callFrame => {\n    const name = callFrame.functionName || '(anonymous)';\n    const file =
callFrame.url;\n    const line = callFrame.lineNumber;\n    const col = callFrame.columnNumber;\n    return
{\n      key: `${name}:${file}:${line}:${col}`, \n      name, \n      file, \n      line, \n      col, \n    };\n  });\n}\n\nfunction shouldIgnoreFunction(callFrame) {\n  const { functionName, url } = callFrame;\n  if (url ===
'native dummy.js') {\n    // I'm not really sure what this is about, but this seems to be used\n    // as a way of
avoiding edge cases in V8's implementation.\n    // See:
https://github.com/v8/v8/blob/b8626ca4/tools/js2c.py#L419-L424\n    return true;\n  }\n  return functionName
=== '(root)' || functionName === '(idle)';\n}\n\nfunction shouldPlaceOnTopOfPreviousStack(functionName) {\n  return functionName === '(garbage collector)' || functionName === '(program)';\n}\n\nfunction
importFromChromeCPUProfile(chromeProfile) {\n  const profile = new
profile_1.CallTreeProfileBuilder(chromeProfile.endTime - chromeProfile.startTime);\n  const nodeById = new
Map();\n  for (let node of chromeProfile.nodes) {\n    nodeById.set(node.id, node);\n  }\n  for (let node of
chromeProfile.nodes) {\n    if (typeof node.parent === 'number') {\n      node.parent =
nodeById.get(node.parent);\n    }\n    if (!node.children)\n      continue;\n    for (let childId of
node.children) {\n      const child = nodeById.get(childId);\n      if (!child)\n        continue;\n      child.parent = node;\n    }\n  }\n  const samples = [];\n  const sampleTimes = [];\n  // The first delta is relative
to the profile startTime.\n  // Ref: https://github.com/v8/v8/blob/44bd8fd7/src/inspector/js\_protocol.json#L1485\n  let elapsed = chromeProfile.timeDeltas[0];\n  // Prevents negative time deltas from causing bad data. See\n  //
https://github.com/jlflwong/speedscope/pull/305 for details.\n  let lastValidElapsed = elapsed;\n  let lastNodeId =
NaN;\n  // The chrome CPU profile format doesn't collapse identical samples. We'll do that\n  // here to save a ton
of work later doing mergers.\n  for (let i = 0; i < chromeProfile.samples.length; i++) {\n    const nodeId =

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chromeProfile.samples[i];\n    if (nodeId !== lastNodeId) {\n        samples.push(nodeId);\n        if (elapsed <
lastValidElapsed) {\n            sampleTimes.push(lastValidElapsed);\n        }\n        else {\n
sampleTimes.push(elapsed);\n            lastValidElapsed = elapsed;\n        }\n        }\n        if (i ===
chromeProfile.samples.length - 1) {\n            if (!isNaN(lastNodeId)) {\n                samples.push(lastNodeId);\n
            if (elapsed < lastValidElapsed) {\n                sampleTimes.push(lastValidElapsed);\n            }\n
else {\n                sampleTimes.push(elapsed);\n                lastValidElapsed = elapsed;\n            }\n        }\n
        }\n        else {\n            const timeDelta = chromeProfile.timeDeltas[i + 1];\n            elapsed += timeDelta;\n
lastNodeId = nodeId;\n        }\n    }\n    let prevStack = [];\n    for (let i = 0; i < samples.length; i++) {\n        const
value = sampleTimes[i];\n        const nodeId = samples[i];\n        let stackTop = nodeById.get(nodeId);\n        if
(!stackTop)\n            continue;\n        // Find lowest common ancestor of the current stack and the previous one\n
let lca = null;\n        // This is O(n^2), but n should be relatively small here (stack height),\n        // so hopefully this
isn't much of a problem\n        for (lca = stackTop; lca && prevStack.indexOf(lca) === -1; lca =
shouldPlaceOnTopOfPreviousStack(lca.callFrame.functionName)\n            ? utils_1.lastOf(prevStack)\n            :
lca.parent || null) {\n        }\n        // Close frames that are no longer open\n        while (prevStack.length > 0 &&
utils_1.lastOf(prevStack) !== lca) {\n            const closingNode = prevStack.pop();\n            const frame =
frameInfoForCallFrame(closingNode.callFrame);\n            profile.leaveFrame(frame, value);\n        }\n        // Open
frames that are now becoming open\n        const toOpen = [];\n        for (let node = stackTop; node && node !== lca
&& !shouldIgnoreFunction(node.callFrame);)\n            // Place Chrome internal functions on top of the previous call
stack\n            node = shouldPlaceOnTopOfPreviousStack(node.callFrame.functionName)\n                ?
utils_1.lastOf(prevStack)\n                : node.parent || null)\n            {\n                toOpen.push(node);\n            }\n
toOpen.reverse();\n        for (let node of toOpen) {\n
profile.enterFrame(frameInfoForCallFrame(node.callFrame), value);\n        }\n        prevStack =
prevStack.concat(toOpen);\n    }\n    // Close frames that are open at the end of the trace\n    for (let i =
prevStack.length - 1; i >= 0; i--) {\n        profile.leaveFrame(frameInfoForCallFrame(prevStack[i].callFrame),
utils_1.lastOf(sampleTimes));\n    }\n    profile.setValueFormatter(new
value_formatters_1.TimeFormatter('microseconds'));\n    return
profile.build();\n}\n\nexports.importFromChromeCPUProfile = importFromChromeCPUProfile;\n\nfunction
importFromOldV8CPUProfile(content) {\n    return
importFromChromeCPUProfile(v8cpuFormatter_1.chromeTreeToNodes(content));\n}\n\nexports.importFromOldV8
CPUProfile = importFromOldV8CPUProfile;\n\n\"use strict\";\n\nvar __createBinding = (this &&
this.__createBinding) || (Object.create ? (function(o, m, k, k2) {\n    if (k2 === undefined) k2 = k;\n
Object.defineProperty(o, k2, { enumerable: true, get: function() { return m[k]; } });\n}) : (function(o, m, k, k2) {\n
if (k2 === undefined) k2 = k;\n    o[k2] = m[k];\n}));\n\nvar __setModuleDefault = (this &&
this.__setModuleDefault) || (Object.create ? (function(o, v) {\n    Object.defineProperty(o, \"default\", { enumerable:
true, value: v });\n}) : (function(o, v) {\n    o[\"default\"] = v;\n}));\n\nvar __importStar = (this && this.__importStar) ||
function (mod) {\n    if (mod && mod.__esModule) return mod;\n    var result = {};\n    if (mod !== null) for (var k in
mod) if (Object.hasOwnProperty.call(mod, k)) __createBinding(result, mod, k);\n    __setModuleDefault(result,
mod);\n    return result;\n};\n\nvar __awaiter = (this && this.__awaiter) || function (thisArg, _arguments, P, generator)
{\n    function adopt(value) { return value instanceof P ? value : new P(function (resolve) { resolve(value); }); }\n
return new (P || (P = Promise))(function (resolve, reject) {\n        function fulfilled(value) { try {
step(generator.next(value)); } catch (e) { reject(e); } }\n        function rejected(value) { try {
step(generator[\"throw\"](value)); } catch (e) { reject(e); } }\n        function step(result) { result.done ?
resolve(result.value) : adopt(result.value).then(fulfilled, rejected); }\n        step((generator = generator.apply(thisArg,
_arguments || [])).next());\n    }));\n}\n\nObject.defineProperty(exports, \"__esModule\", { value: true
});\n\nexports.CallTreeProfileBuilder = exports.StackListProfileBuilder = exports.Profile = exports.CallTreeNode =
exports.Frame = exports.HasWeights = void 0;\n\nconst utils_1 = require(\"./utils\");\n\nconst value_formatters_1 =
require(\"./value-formatters\");\n\nconst demangleCxxModule = Promise.resolve().then(() =>
__importStar(require('./demangle-cxx')));\n\n// Force eager loading of the module\ndemangleCxxModule.then(() => {

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});\n\nclass HasWeights {\n  constructor() {\n    this.selfWeight = 0;\n    this.totalWeight = 0;\n  }\n  getSelfWeight() {\n    return this.selfWeight;\n  }\n  getTotalWeight() {\n    return this.totalWeight;\n  }\n  addToTotalWeight(delta) {\n    this.totalWeight += delta;\n  }\n  addToSelfWeight(delta) {\n    this.selfWeight += delta;\n  }\n  overwriteWeightWith(other) {\n    this.selfWeight = other.selfWeight;\n    this.totalWeight = other.totalWeight;\n  }\n}\n\nexports.HasWeights = HasWeights;\n\nlet Frame = /** @class */ ((\n  => {\n    class Frame extends HasWeights {\n      constructor(info) {\n        super();\n        this.key = info.key;\n        this.name = info.name;\n        this.file = info.file;\n        this.line = info.line;\n        this.col = info.col;\n      }\n      static getOrInsert(set, info) {\n        return set.getOrInsert(new Frame(info));\n      }\n    }\n    Frame.root = new Frame({\n      key: '(speedscope root)',\n      name: '(speedscope root)',\n    });\n    return Frame;\n  })();\n\nexports.Frame = Frame;\n\nclass CallTreeNode extends HasWeights {\n  constructor(frame, parent) {\n    super();\n    this.frame = frame;\n    this.parent = parent;\n    this.children = [];\n    // If a node is "frozen", it means it should no longer be mutated.\n    this.frozen = false;\n  }\n  isRoot() {\n    return this.frame === Frame.root;\n  }\n  isFrozen() {\n    return this.frozen;\n  }\n  freeze() {\n    this.frozen = true;\n  }\n}\n\nexports.CallTreeNode = CallTreeNode;\n\nclass Profile {\n  constructor(totalWeight = 0) {\n    this.name = "";\n    this.frames = new utils_1.KeyedSet();\n    // Profiles store two call-trees.\n    // The "append order" call tree is the one in which nodes are ordered in\n    // whatever order they were appended to their parent.\n    // The "grouped" call tree is one in which each node has at most one child per\n    // frame. Nodes are ordered in decreasing order of weight\n    this.appendOrderCalltreeRoot = new CallTreeNode(Frame.root, null);\n    this.groupedCalltreeRoot = new CallTreeNode(Frame.root, null);\n    // List of references to CallTreeNodes at the top of the\n    // stack at the time of the sample.\n    this.samples = [];\n    this.weights = [];\n    this.valueFormatter = new value_formatters_1.RawValueFormatter();\n    this.totalNonIdleWeight = null;\n    this.totalWeight = totalWeight;\n  }\n  getAppendOrderCalltreeRoot() {\n    return this.appendOrderCalltreeRoot;\n  }\n  getGroupedCalltreeRoot() {\n    return this.groupedCalltreeRoot;\n  }\n  formatValue(v) {\n    return this.valueFormatter.format(v);\n  }\n  setValueFormatter(f) {\n    this.valueFormatter = f;\n  }\n  getWeightUnit() {\n    return this.valueFormatter.unit;\n  }\n  getName() {\n    return this.name;\n  }\n  setName(name) {\n    this.name = name;\n  }\n  getTotalWeight() {\n    return this.totalWeight;\n  }\n  getTotalNonIdleWeight() {\n    if (this.totalNonIdleWeight === null) {\n      this.totalNonIdleWeight = this.groupedCalltreeRoot.children.reduce((n, c) => n + c.getTotalWeight(), 0);\n    }\n    return this.totalNonIdleWeight;\n  }\n  // This is private because it should only be called in the ProfileBuilder\n  // classes. Once a Profile instance has been constructed, it should be treated\n  // as immutable.\n  sortGroupedCallTree() {\n    function visit(node) {\n      node.children.sort((a, b) => -(a.getTotalWeight() - b.getTotalWeight()));\n      node.children.forEach(visit);\n    }\n    visit(this.groupedCalltreeRoot);\n  }\n  forEachCallGrouped(openFrame, closeFrame) {\n    function visit(node, start) {\n      if (node.frame !== Frame.root) {\n        openFrame(node, start);\n        let childTime = 0;\n        node.children.forEach(function (child) {\n          visit(child, start + childTime);\n          childTime += child.getTotalWeight();\n        });\n        if (node.frame !== Frame.root) {\n          closeFrame(node, start + node.getTotalWeight());\n        }\n      }\n      visit(this.groupedCalltreeRoot, 0);\n    }\n  }\n  forEachCall(openFrame, closeFrame) {\n    let prevStack = [];\n    let value = 0;\n    let sampleIndex = 0;\n    for (let stackTop of this.samples) {\n      // Find lowest common ancestor of the current stack and the previous one\n      let lca = null;\n      // This is O(n^2), but n should be relatively small here (stack height),\n      // so hopefully this isn't much of a problem\n      for (lca = stackTop; lca && lca.frame !== Frame.root && prevStack.indexOf(lca) === -1; lca = lca.parent) {\n        // Close frames that are no longer open\n        while (prevStack.length > 0 && utils_1.lastOf(prevStack) !== lca) {\n          const node = prevStack.pop();\n          closeFrame(node, value);\n        }\n        // Open frames that are now becoming open\n        const toOpen = [];\n        for (let node = stackTop; node && node.frame !== Frame.root && node !== lca; node = node.parent) {\n          toOpen.push(node);\n        }\n        toOpen.reverse();\n        for (let node of toOpen) {\n          openFrame(node, value);\n        }\n        prevStack = prevStack.concat(toOpen);\n        value +=

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this.weights[sampleIndex++];\n    }\n    // Close frames that are open at the end of the trace\n    for (let i =
prevStack.length - 1; i >= 0; i--) {\n        closeFrame(prevStack[i], value);\n    }\n    } forEachFrame(fn) {\n
    this.frames.forEach(fn);\n    }\n    getProfileWithRecursionFlattened() {\n        const builder = new
CallTreeProfileBuilder();\n        const stack = [];\n        const framesInStack = new Set();\n        function
openFrame(node, value) {\n            if (framesInStack.has(node.frame)) {\n                stack.push(null);\n            }\n
            else {\n                framesInStack.add(node.frame);\n                stack.push(node);\n            }\n
            builder.enterFrame(node.frame, value);\n        }\n        function closeFrame(node, value) {\n            const
stackTop = stack.pop();\n            if (stackTop) {\n                framesInStack.delete(stackTop.frame);\n            }\n
            builder.leaveFrame(stackTop.frame, value);\n        }\n        this.forEachCall(openFrame, closeFrame);\n
        const flattenedProfile = builder.build();\n        flattenedProfile.name = this.name;\n
        flattenedProfile.valueFormatter = this.valueFormatter;\n        // When constructing a profile with recursion
flattened,\n        // counter-intuitive things can happen to \"self time\" measurements\n        // for functions.\n        //
For example, given the following list of stacks w/ weights:\n        //\n        // a 1\n        // a;b;a 1\n        // a;b;a;b;a 1\n
        // a;b;a 1\n        //\n        // The resulting profile with recursion flattened out will look like this:\n        //\n        // a
1\n        // a;b 3\n        //\n        // Which is useful to view, but it's counter-intuitive to move self-time\n        // for
frames around, since analyzing the self-time of functions is an important\n        // thing to be able to do accurately,
and we don't want this to change when recursion\n        // is flattened. To work around that, we'll just copy the
weights directly from the\n        // un-flattened profile.\n        this.forEachFrame(f => {\n
        flattenedProfile.frames.getOrInsert(f).overwriteWeightWith(f);\n        });\n        return flattenedProfile;\n    }\n
    getInvertedProfileForCallersOf(focalFrameInfo) {\n        const focalFrame = Frame.getOrInsert(this.frames,
focalFrameInfo);\n        const builder = new StackListProfileBuilder();\n        // TODO(jlfwong): Could construct
this at profile\n        // construction time rather than on demand.\n        const nodes = [];\n        function visit(node)
{\n            if (node.frame === focalFrame) {\n                nodes.push(node);\n            }\n            else {\n                for
(let child of node.children) {\n                    visit(child);\n                }\n            }\n        }\n
        visit(this.appendOrderCalltreeRoot);\n        for (let node of nodes) {\n            const stack = [];\n            for (let n =
node; n != null && n.frame !== Frame.root; n = n.parent) {\n                stack.push(n.frame);\n            }\n
            builder.appendSampleWithWeight(stack, node.getTotalWeight());\n        }\n        const ret = builder.build();\n
        ret.name = this.name;\n        ret.valueFormatter = this.valueFormatter;\n        return ret;\n    }\n
    getProfileForCalleesOf(focalFrameInfo) {\n        const focalFrame = Frame.getOrInsert(this.frames,
focalFrameInfo);\n        const builder = new StackListProfileBuilder();\n        function
recordSubtree(focalFrameNode) {\n            const stack = [];\n            function visit(node) {\n
            stack.push(node.frame);\n            builder.appendSampleWithWeight(stack, node.getSelfWeight());\n            for
(let child of node.children) {\n                visit(child);\n            }\n            stack.pop();\n        }\n
        visit(focalFrameNode);\n        }\n        function findCalls(node) {\n            if (node.frame === focalFrame) {\n
            recordSubtree(node);\n        }\n            else {\n                for (let child of node.children) {\n
            findCalls(child);\n        }\n        }\n        }\n        findCalls(this.appendOrderCalltreeRoot);\n        const ret =
builder.build();\n        ret.name = this.name;\n        ret.valueFormatter = this.valueFormatter;\n        return ret;\n    }\n
    // Demangle symbols for readability\n    demangle() {\n        return __awaiter(this, void 0, void 0, function* () {\n
        let demangleCxx = null;\n        for (let frame of this.frames) {\n            // This function converts a mangled
C++ name such as \"__ZNK7Support6ColorFeqERKS0_\"\n            // into a human-readable symbol (in this case
\"Support::ColorF::==(Support::ColorF&)\")\n            if (frame.name.startsWith('__Z')) {\n                if
(!demangleCxx) {\n                    demangleCxx = (yield demangleCxxModule).demangleCxx;\n                }\n
                frame.name = demangleCxx(frame.name);\n            }\n        }\n    });\n    }\n
    remapNames(callback) {\n        for (let frame of this.frames) {\n            frame.name = callback(frame.name);\n        }\n    }\n
}\n\nexports.Profile = Profile;\n\nclass StackListProfileBuilder extends Profile {\n    constructor() {\n        super(...arguments);\n        this.pendingSample = null;\n    }\n    _appendSample(stack, weight, useAppendOrder)
{\n        if (isNaN(weight))\n            throw new Error('invalid weight');\n        let node = useAppendOrder ?
this.appendOrderCalltreeRoot : this.groupedCalltreeRoot;\n        let framesInStack = new Set();\n        for (let

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frameInfo of stack) {\n      const frame = Frame.getOrInsert(this.frames, frameInfo);\n      const last =\nuseAppendOrder\n      ? utils_1.lastOf(node.children)\n      : node.children.find(c => c.frame ===\nframe);\n      if (last && !last.isFrozen() && last.frame === frame) {\n      node = last;\n      }\n      else {\n      const parent = node;\n      node = new CallTreeNode(frame, node);\n      parent.children.push(node);\n      }\n      node.addToTotalWeight(weight);\n      // It's possible for the\n      same frame to occur multiple\n      // times in the same call stack due to either direct\n      // or indirect\n      recursion. We want to avoid counting that\n      // frame multiple times for a single sample, we so just\n      // track all of the unique frames that participated in\n      // this call stack, then add to their weight at the end.\n      framesInStack.add(node.frame);\n      }\n      node.addToSelfWeight(weight);\n      if (useAppendOrder) {\n      for (let child of node.children) {\n      child.freeze();\n      }\n      }\n      if (useAppendOrder) {\n      node.frame.addToSelfWeight(weight);\n      for (let frame of framesInStack) {\n      frame.addToTotalWeight(weight);\n      }\n      if (node === utils_1.lastOf(this.samples)) {\n      this.weights[this.weights.length - 1] += weight;\n      }\n      else {\n      this.samples.push(node);\n      this.weights.push(weight);\n      }\n      }\n      appendSampleWithWeight(stack, weight) {\n      if\n      (weight === 0) {\n      // Samples with zero weight have no effect, so let's ignore them\n      return;\n      }\n      if (weight < 0) {\n      throw new Error('Samples must have positive weights');\n      }\n      this._appendSample(stack, weight, true);\n      this._appendSample(stack, weight, false);\n      }\n      appendSampleWithTimestamp(stack, timestamp) {\n      if (this.pendingSample) {\n      if (timestamp <\n      this.pendingSample.centralTimestamp) {\n      throw new Error('Timestamps received out of order');\n      }\n      }\n      const endTimestamp = (timestamp + this.pendingSample.centralTimestamp) / 2;\n      this.appendSampleWithWeight(this.pendingSample.stack, endTimestamp - this.pendingSample.startTimestamp);\n      this.pendingSample = { stack, startTimestamp: endTimestamp, centralTimestamp: timestamp }; }\n      else {\n      this.pendingSample = { stack, startTimestamp: timestamp, centralTimestamp: timestamp }; }\n      }\n      build() {\n      if (this.pendingSample) {\n      if (this.samples.length > 0) {\n      this.appendSampleWithWeight(this.pendingSample.stack, this.pendingSample.centralTimestamp -\n      this.pendingSample.startTimestamp);\n      }\n      else {\n      // There is only a single sample. In this\n      case, units will be meaningless,\n      // so we'll append with a weight of 1 and also clear any value formatter\n      this.appendSampleWithWeight(this.pendingSample.stack, 1);\n      this.setValueFormatter(new\n      value_formatters_1.RawValueFormatter());\n      }\n      }\n      this.totalWeight = Math.max(this.totalWeight,\n      this.weights.reduce((a, b) => a + b, 0));\n      this.sortGroupedCallTree();\n      return this;\n      }\n      }\n      \n      exports.StackListProfileBuilder = StackListProfileBuilder;\n      // As an alternative API for importing profiles\n      more efficiently, provide a\n      // way to open & close frames directly without needing to construct tons of\n      // arrays as\n      intermediaries.\n      class CallTreeProfileBuilder extends Profile {\n      constructor() {\n      super(...arguments);\n      this.appendOrderStack = [this.appendOrderCalltreeRoot];\n      this.groupedOrderStack =\n      [this.groupedCalltreeRoot];\n      this.framesInStack = new Map();\n      this.stack = [];\n      this.lastValue = 0;\n      }\n      addWeightsToFrames(value) {\n      const delta = value - this.lastValue;\n      for (let frame of\n      this.framesInStack.keys()) {\n      frame.addToTotalWeight(delta);\n      }\n      const stackTop =\n      utils_1.lastOf(this.stack);\n      if (stackTop) {\n      stackTop.addToSelfWeight(delta);\n      }\n      }\n      addWeightsToNodes(value, stack) {\n      const delta = value - this.lastValue;\n      for (let node of stack) {\n      node.addToTotalWeight(delta);\n      }\n      const stackTop = utils_1.lastOf(stack);\n      if (stackTop) {\n      stackTop.addToSelfWeight(delta);\n      }\n      }\n      _enterFrame(frame, value, useAppendOrder) {\n      let stack\n      = useAppendOrder ? this.appendOrderStack : this.groupedOrderStack;\n      this.addWeightsToNodes(value,\n      stack);\n      let prevTop = utils_1.lastOf(stack);\n      if (prevTop) {\n      if (useAppendOrder) {\n      const delta = value - this.lastValue;\n      if (delta > 0) {\n      this.samples.push(prevTop);\n      this.weights.push(value - this.lastValue);\n      }\n      else if (delta < 0) {\n      throw new\n      Error('Samples must be provided in increasing order of cumulative value. Last sample was ${this.lastValue}, this\n      sample was ${value}');\n      }\n      }\n      }\n      const last = useAppendOrder\n      ?\n      utils_1.lastOf(prevTop.children)\n      : prevTop.children.find(c => c.frame === frame);\n      let node;\n
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    if (last && !last.isFrozen() && last.frame === frame) {\n      node = last;\n    }\n    else {\n      node = new CallTreeNode(frame, prevTop);\n      prevTop.children.push(node);\n    }\n  }\n  stack.push(node);\n  }\n  }\n  enterFrame(frameInfo, value) {\n    const frame =\n    Frame.getOrInsert(this.frames, frameInfo);\n    this.addWeightsToFrames(value);\n    this._enterFrame(frame,\n    value, true);\n    this._enterFrame(frame, value, false);\n    this.stack.push(frame);\n    const frameCount =\n    this.framesInStack.get(frame) || 0;\n    this.framesInStack.set(frame, frameCount + 1);\n    this.lastValue =\n    value;\n  }\n  _leaveFrame(frame, value, useAppendOrder) {\n    let stack = useAppendOrder ?\n    this.appendOrderStack : this.groupedOrderStack;\n    this.addWeightsToNodes(value, stack);\n    if\n    (useAppendOrder) {\n      const leavingStackTop = this.appendOrderStack.pop();\n      if (leavingStackTop\n      === null) {\n        throw new Error(`Trying to leave ${frame.key} when stack is empty`);\n      }\n      if\n      (this.lastValue === null) {\n        throw new Error(`Trying to leave a ${frame.key} before any have been\n        entered`);\n      }\n      leavingStackTop.freeze();\n      if (leavingStackTop.frame.key !== frame.key) {\n        throw new Error(`Tried to leave frame \"${frame.name}\" while frame \"${leavingStackTop.frame.name}\"\n        was at the top at ${value}`);\n      }\n      const delta = value - this.lastValue;\n      if (delta > 0) {\n        this.samples.push(leavingStackTop);\n        this.weights.push(value - this.lastValue);\n      }\n      else\n      if (delta < 0) {\n        throw new Error(`Samples must be provided in increasing order of cumulative value. Last\n        sample was ${this\n        .lastValue}, this sample was ${value}`);\n      }\n    }\n    else {\n      this.groupedOrderStack.pop();\n    }\n  }\n  leaveFrame(frameInfo, value) {\n    const frame =\n    Frame.getOrInsert(this.frames, frameInfo);\n    this.addWeightsToFrames(value);\n    this._leaveFrame(frame,\n    value, true);\n    this._leaveFrame(frame, value, false);\n    this.stack.pop();\n    const frameCount =\n    this.framesInStack.get(frame);\n    if (frameCount === null)\n      return;\n    if (frameCount === 1) {\n      this.framesInStack.delete(frame);\n    }\n    else {\n      this.framesInStack.set(frame, frameCount - 1);\n    }\n    this.lastValue = value;\n    this.totalWeight = Math.max(this.totalWeight, this.lastValue);\n  }\n  build()\n  {\n    // Each stack is expected to contain a single node which we initialize to be\n    // the root node.\n    if\n    (this.appendOrderStack.length > 1 || this.groupedOrderStack.length > 1) {\n      throw new Error(`Tried to\n      complete profile construction with a non-empty stack`);\n    }\n    this.sortGroupedCallTree();\n    return\n    this;\n  }\n}\n\nexports.CallTreeProfileBuilder = CallTreeProfileBuilder;\n","use\nstrict";\nObject.defineProperty(exports, "__esModule", { value: true });\nexports.demangleCpp = void 0;\nlet\ncppfilt;\nconst cache = new Map();\n// This function converts a mangled C++ name such as\n`__ZNK7Support6ColorFeqERKS0_`\ninto a human-readable symbol (in this case\n`Support::ColorF::=(Support::ColorF&)`)\nfunction demangleCpp(name) {\n  if (name.startsWith('__Z')) {\n    let result = cache.get(name);\n    if (result !== undefined) {\n      name = result;\n    }\n    else {\n      if (!cppfilt) {\n        cppfilt = new Function('exports', code)();\n      }\n      result =\n      cppfilt(name.slice(1));\n      result = result === '(null)' ? name : result;\n      cache.set(name, result);\n      name = result;\n    }\n  }\n  return name;\n}\n\nexports.demangleCpp = demangleCpp;\n// This was taken from\nhttps://d.fuqu.jp/c++filt.js\nconst code = `\nreturn function(){function r(r){eval.call(null,r)}function a(r){throw\nprint(r+":\\n\\n\\n\\n"+(new Error).stack),ke=!0,"Assertion: '"+r}function e(r,e){r||a("Assertion failed: '"+e)}function\ni(r,a,i,v){function t(r,a){if(!"string"===a){var e=Oe;return le.stackAlloc(r.length+1),A(r,e),e}return r}function\nf(r,a){return"string"===a?s(r):r}try{func=ce.Module["_"+r]}catch(r){e(func,"Cannot call unknown function\n'+r+' (perhaps LLVM optimizations or closure removed it?)"");var _=0,n=v?v.map(function(r){return\n    t(r,i[_++])}):[];return f(func.apply(null,n),a)}function v(r,a,e){return function(){return\n    i(r,a,e,Array.prototype.slice.call(arguments))}}function t(r,e,i,v){switch(i=i||"i8","*"===i[i.length-\n    1]&&(e="i32"),i){case"i1":Ae[r]=e;break;case"i8":Ae[r]=e;break;case"i16":ye[r]>>1]=e;break;case"i32":Se[r\n    >>2]=e;break;case"i64":Se[r>>2]=e;break;case"float":Ce[r>>2]=e;break;case"double":ze[0]=e,Se[r>>2]=xe[0],\n    Se[r+4>>2]=xe[1];break;default:a("invalid type for setValue: '"+i)}function\n    f(r,e,i){switch(e=e||"i8","*"===e[e.length-1]&&(e="i32"),e){case"i1":return Ae[r];case"i8":return\n    Ae[r];case"i16":return ye[r>>1];case"i32":return Se[r>>2];case"i64":return Se[r>>2];case"float":return\n    Ce[r>>2];case"double":return xe[0]=Se[r>>2],xe[1]=Se[r+4>>2],ze[0];default:a("invalid type for setValue:

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\'+e)}return null}function _(r,a,e){var i,v;\'number\'==typeof r?(i=!0,v=r):(i=!1,v=r.length);var
f=\'string\'==typeof a?a:null,_=[Jr,le.stackAlloc,le.staticAlloc][void
0===e?we:e](Math.max(v,f?1:a.length));if(i)return Fa(_,0,v,_);for(var s,n=0;n<v;){var o=r[n];\'function\'==typeof
o&&(o=le.getFunctionIndex(o)),s=f||a[n],0!==s?(\'i64\'==s&&(s=\'i32\'),t(_+n,o,s),n+=le.getNativeTypeSize(s)):n
++)return _}function s(r,a){for(var e,i=\'undefined\'==typeof
a,v=\'\',t=0,f=String.fromCharCode(0);;){if(e=String.fromCharCode(ge[r+t]),i&&e===f)break;if(v+=e,t+=1,!i&&t=
=a)break}return v}function n(r){for(var a=\'\',e=0;e<r.length;e++)a+=String.fromCharCode(r[e]);return a}function
o(r){return r+4095>>12<<12}function l(){for(;Le<=Ie;Le=o(2*Le));var r=Ae,a=new ArrayBuffer(Le);Ae=new
Int8Array(a),ye=new Int16Array(a),Se=new Int32Array(a),ge=new Uint8Array(a),me=new
Uint16Array(a),Me=new Uint32Array(a),Ce=new Float32Array(a),Re=new Float64Array(a),Ae.set(r)}function
b(r){for(;r.length>0;){var a=r.shift(),e=a.func;\'number\'==typeof e&&(e=pe[e]),e(void
0===a.arg?null:a.arg)}}function k(){b(Ve)}function u(){b(Be),be.print()}function c(r,a){return
Array.prototype.slice.call(Ae.subarray(r,r+a))}function h(r,a){for(var e=new
Uint8Array(a),i=0;i<a;++i)e[i]=Ae[r+i];return e.buffer}function d(r){for(var a=0;Ae[r+a];)a++;return a}function
w(r,a){var e=d(r);a&&e++;var i=c(r,e);return a&&(i[e-1]=0),i}function p(r,a){for(var e=[],i=0;i<r.length;){var
v=r.charCodeAtAt(i);v>255&&(v&=255),e.push(v),i+=1}return a||e.push(0),e}function E(r){for(var
a=[],e=0;e<r.length;e++){var i=r[e];i>255&&(i&=255),a.push(String.fromCharCode(i))}return a.join(\'\\\'')}function
A(r,a,e){for(var i=0;i<r.length;){var
v=r.charCodeAtAt(i);v>255&&(v&=255),Ae[a+i]=v,i+=1}e||(Ae[a+i]=0)}function g(r,a,e,i){return
r>=0?r:a<=32?2*Math.abs(1<<a-1)+r*Math.pow(2,a)+r}function y(r,a,e,i){if(r<=0)return r;var
v=a<=32?Math.abs(1<<a-1):Math.pow(2,a-1);return r>=v&&(a<=32||r>v)&&(r=-2*v+r),r}function
m(r,a,e){if(0==(0|r)|0==(0|a)|0==(0|e))var i=0;else{Se[r>>2]=0,Se[r+4>>2]=a,Se[r+8>>2]=e;var i=1}var i;return
i}function S(r,a,e){if(0==(0|r)|(0|a)<0|0==(0|e))var i=0;else{Se[r>>2]=41,Se[r+4>>2]=a,Se[r+8>>2]=e;var i=1}var
i;return i}function M(r,a,e){if(0==(0|r)|0==(0|e))var i=0;else{Se[r>>2]=6,Se[r+4>>2]=a,Se[r+8>>2]=e;var i=1}var
i;return i}function C(r,a,e){if(0==(0|r)|0==(0|e))var i=0;else{Se[r>>2]=7,Se[r+4>>2]=a,Se[r+8>>2]=e;var i=1}var
i;return i}function R(r,a){var e,i=0==(0|a);do if(i)var v=0;else{var
e=(r+32|0)>>2,t=Se[e];if((0|t)>=(0|Se[r+36>>2])){var v=0;break}var f=(t<<2)+Se[r+28>>2]|0;Se[f>>2]=a;var
_=Se[e]+1|0;Se[e]=_;var v=1}while(0);var v;return v}function T(r,a){var
e,e=(r+12|0)>>2,i=Se[e],v=i+1|0;Se[e]=v;var t=Ae[i]<<24>>24==95;do if(t){var
f=i+2|0;if(Se[e]=f,Ae[v]<<24>>24!=90){var _=0;break}var s=O(r,a),_=s}else var _=0;while(0);var _;return
_}function O(r,a){var e=r+12|0,i=Ae[Se[e>>2]];r:do if(i<<24>>24==71||i<<24>>24==84)var v=Tr(r),t=v;else{var
f=Ar(r),_=0==(0|f)|0==(0|a);do if(!_){if(0!=(1&Se[r+8>>2]|0))break;var s=Me[f>>2],n=(s-25|0)>>>0<3;a:do
if(n)for(var o=f;){var o,l=Me[o+4>>2],b=Me[l>>2];if((b-25|0)>>>0>=3){var k=l,u=b;break a}var o=l}else var
k=f,u=s;while(0);var u,k;if(2!=(0|u)){var t=k;break r}var c=k+8|0,h=Me[c>>2],d=(Se[h>>2]-25|0)>>>0<3;a:do
if(d)for(var w=h;){var w,p=Me[w+4>>2];if((Se[p>>2]-25|0)>>>0>=3){var E=p;break a}var w=p}else var
E=h;while(0);var E;Se[c>>2]=E;var t=k;break r}while(0);var
A=Ae[Se[e>>2]];if(A<<24>>24==0||A<<24>>24==69){var t=f;break}var
g=Or(f),y=Sr(r,g),m=D(r,3,f,y),t=m}while(0);var t;return t}function N(r){var a,e,i=Oe;Oe+=4;var
v=i,e=v>>2,a=(r+12|0)>>2,t=Me[a],f=Ae[t],_f<<24>>24;r:do
if(f<<24>>24==114||f<<24>>24==86||f<<24>>24==75){var s=I(r,v,0);if(0==(0|s)){var n=0;break}var
o=N(r);Se[s>>2]=o;var l=Se[e],b=R(r,l);if(0==(0|b)){var n=0;break}var
n=Se[e]}else{do{if(97==(0|_)||98==(0|_)||99==(0|_)||100==(0|_)||101==(0|_)||102==(0|_)||103==(0|_)||104==(0|_)||10
5==(0|_)||106==(0|_)||108==(0|_)||109==(0|_)||110==(0|_)||111==(0|_)||115==(0|_)||116==(0|_)||118==(0|_)||119==(0
|_)||120==(0|_)||121==(0|_)||122==(0|_)){var k=ai+20*(_-97)|0,u=P(r,k);Se[e]=u;var
c=r+48|0,h=Se[c>>2]+Se[Se[u+4>>2]+4>>2]|0;Se[c>>2]=h;var d=Se[a]+1|0;Se[a]=d;var n=u;break
r}if(117==(0|_)){Se[a]=t+1|0;var w=L(r),p=D(r,34,w,0);Se[e]=p;var E=p}else if(70==(0|_)){var
A=F(r);Se[e]=A;var E=A}else
if(48==(0|_)||49==(0|_)||50==(0|_)||51==(0|_)||52==(0|_)||53==(0|_)||54==(0|_)||55==(0|_)||56==(0|_)||57==(0|_)||78=

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=(0|_)||90==(0|_){ var g=X(r);Se[e]=g;var E=g}else if(65==(0|_)){ var y=j(r);Se[e]=y;var E=y }else
if(77==(0|_)){ var m=U(r);Se[e]=m;var E=m}else if(84==(0|_)){ var
S=x(r);if(Se[e]=S,Ae[Se[a]]<<24>>24!=73){ var E=S;break } var M=R(r,S);if(0==(0|M)){ var n=0;break r } var
C=Se[e],T=z(r),O=D(r,4,C,T);Se[e]=O;var E=O}else if(83==(0|_)){ var B=ge[t+1|0];if((B-
48&255&255)<10|B<<24>>24==95|(B-65&255&255)<26){ var
H=V(r,0);if(Se[e]=H,Ae[Se[a]]<<24>>24!=73){ var n=H;break r } var K=z(r),Y=D(r,4,H,K);Se[e]=Y;var
E=Y }else { var G=X(r);if(Se[e]=G,0==(0|G)){ var E=0;break } if(21==(0|Se[G>>2])){ var n=G;break r } var E=G } }else
if(80==(0|_)){ Se[a]=t+1|0;var W=N(r),Z=D(r,29,W,0);Se[e]=Z;var E=Z }else if(82==(0|_)){ Se[a]=t+1|0;var
Q=N(r),q=D(r,30,Q,0);Se[e]=q;var E=q }else if(67==(0|_)){ Se[a]=t+1|0;var $=N(r),J=D(r,31,$,0);Se[e]=J;var
E=J }else if(71==(0|_)){ Se[a]=t+1|0;var rr=N(r),ar=D(r,32,rr,0);Se[e]=ar;var E=ar }else { if(85!=(0|_)){ var n=0;break
r } Se[a]=t+1|0;var er=L(r);Se[e]=er;var ir=N(r),vr=Se[e],tr=D(r,28,ir,vr);Se[e]=tr;var E=tr } } while(0);var
E,fr=R(r,E);if(0==(0|fr)){ var n=0;break } var n=Se[e] } while(0);var n;return Oe=i,n } function I(r,a,e){ for(var
i,v=r+12|0,t=0!=(0|e),f=t?25:22,i=(r+48|0)>>2, _=t?26:23,s=t?27:24,n=a;;){ var
n,o=Se[v>>2],l=Ae[o];if(l<<24>>24!=114&&l<<24>>24!=86&&l<<24>>24!=75){ var b=n;break } var
k=o+1|0;if(Se[v>>2]=k,l<<24>>24==114){ var u=Se[i+9|0];Se[i]=u;var c=f }else if(l<<24>>24==86){ var
h=Se[i+9|0];Se[i]=h;var c= _ }else { var d=Se[i+6|0];Se[i]=d;var c=s } var
c,w=D(r,c,0,0);if(Se[n>>2]=w,0==(0|w)){ var b=0;break } var n=w+4|0 } var b;return b } function P(r,a){ var
e=0==(0|a);do if(e)var i=0;else { var v=J(r);if(0==(0|v)){ var i=0;break } Se[v>>2]=33,Se[v+4>>2]=a;var
i=v } while(0);var i;return i } function D(r,a,e,i){ var
v,t;do { if(1==(0|a)||2==(0|a)||3==(0|a)||4==(0|a)||10==(0|a)||28==(0|a)||37==(0|a)||43==(0|a)||44==(0|a)||45==(0|a)||46=
=(0|a)||47==(0|a)||48==(0|a)||49==(0|a)||50==(0|a)){ if(0==(0|e)|0==(0|i)){ var
f=0;t=7;break } t=5;break } if(8==(0|a)||9==(0|a)||11==(0|a)||12==(0|a)||13==(0|a)||14==(0|a)||15==(0|a)||16==(0|a)||17=
=(0|a)||18==(0|a)||19==(0|a)||20==(0|a)||29==(0|a)||30==(0|a)||31==(0|a)||32==(0|a)||34==(0|a)||38==(0|a)||39==(0|a)||4
2==(0|a)){ if(0==(0|e)){ var f=0;t=7;break } t=5;break } if(36==(0|a)){ if(0==(0|i)){ var
f=0;t=7;break } t=5;break } if(35==(0|a)||22==(0|a)||23==(0|a)||24==(0|a)||25==(0|a)||26==(0|a)||27==(0|a))t=5;else { var
f=0;t=7 } } while(0);do if(5==t){ var _=J(r),v=_>>2;if(0==(0|_)){ var f=0;break } Se[v]=a,Se[v+1]=e,Se[v+2]=i;var
f=_ } while(0);var f;return f } function L(r){ var a=sr(r);if((0|a)<1)var e=0;else { var i=Rr(r,a);Se[r+44>>2]=i;var
e=i } var e;return e } function F(r){ var
a,a=(r+12|0)>>2,e=Se[a],i=e+1|0;if(Se[a]=i,Ae[e]<<24>>24==70){ if(Ae[i]<<24>>24==89){ var
v=e+2|0;Se[a]=v } var t=Sr(r,1),f=Se[a],_=f+1|0;Se[a]=_;var s=Ae[f]<<24>>24==69?t:0,n=s }else var n=0;var
n;return n } function X(r){ var a=Ar(r);return a } function j(r){ var a,a=(r+12|0)>>2,e=Se[a],i=e+1|0;Se[a]=i;var
v=Ae[e]<<24>>24==65;do if(v){ var t=Ae[i];if(t<<24>>24==95)var f=0;else if((t-48&255&255)<10){ for(var
_=i;;){ var _,s=_+1|0;if(Se[a]=s,(Ae[s]-48&255&255)>=10)break;var _=s } var n=s-i|0,o=lr(r,i,n);if(0==(0|o)){ var
l=0;break } var f=o }else { var b=nr(r);if(0==(0|b)){ var l=0;break } var f=b } var
f,k=Se[a],u=k+1|0;if(Se[a]=u,Ae[k]<<24>>24!=95){ var l=0;break } var c=N(r),h=D(r,36,f,c),l=h }else var
l=0;while(0);var l;return l } function U(r){ var a=Oe;Oe+=4;var e=a,i=r+12|0,v=Se[i>>2],t=v+1|0;Se[i>>2]=t;var
f=Ae[v]<<24>>24==77;r:do if(f){ var _=N(r),s=I(r,e,1);if(0==(0|s)){ var n=0;break } var o=N(r);Se[s>>2]=o;var
l=(0|s)==(0|e);do if(!l){ if(35==(0|Se[o>>2]))break;var b=Se[e>>2],k=R(r,b);if(0==(0|k)){ var n=0;break
r } } while(0);var u=Se[e>>2],c=D(r,37,_,u),n=c }else var n=0;while(0);var n;return Oe=a,n } function x(r){ var
a,a=(r+12|0)>>2,e=Se[a],i=e+1|0;Se[a]=i;var v=Ae[e]<<24>>24==84;do if(v){ if(Ae[i]<<24>>24==95)var
t=0,f=i;else { var _=sr(r);if((0|_)<0){ var s=0;break } var t=_+1|0,f=Se[a] } var
f,t;if(Se[a]=f+1|0,Ae[f]<<24>>24!=95){ var s=0;break } var n=r+40|0,o=Se[n>>2]+1|0;Se[n>>2]=o;var
l=Er(r,t),s=1 }else var s=0;while(0);var s;return s } function z(r){ var a,e=Oe;Oe+=4;var
i=e,v=r+44|0,t=Se[v>>2],a=(r+12|0)>>2,f=Se[a],_=f+1|0;Se[a]=_;var s=Ae[f]<<24>>24==73;r:do
if(s){ Se[i>>2]=0;for(var n=i;;){ var n,o=_r(r);if(0==(0|o)){ var l=0;break r } var
b=D(r,39,o,0);if(Se[n>>2]=b,0==(0|b)){ var l=0;break r } var k=Se[a];if(Ae[k]<<24>>24==69)break;var n=b+8|0 } var
u=k+1|0;Se[a]=u,Se[v>>2]=t;var l=Se[i>>2] }else var l=0;while(0);var l;return Oe=e,l } function V(r,a){ var
e,e=(r+12|0)>>2,i=Se[e],v=i+1|0;Se[e]=v;var t=Ae[i]<<24>>24==83;r:do if(t){ var f=i+2|0;Se[e]=f;var

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_ =ge[v];if(_<<24>>24==95)var s=0;else{if(!((_ -48&255&255)<10|(_ -65&255&255)<26)){var
n=8&Se[r+8>>2],o=n>>>3,l=0!=(0|n)|0==(0|a);do if(1)var b=o;else{if((Ae[f]-67&255&255)>=2){var
b=o;break }var b=1 }while(0);for(var b,k=0|ei;){var k;if(k>>>0>=(ei+196|0)>>>0){var u=0;break
r}if(_<<24>>24==Ae[0|k]<<24>>24)break;var k=k+28|0}var c=Se[k+20>>2];if(0!=(0|c)){var
h=Se[k+24>>2],d=fr(r,c,h);Se[r+44>>2]=d;if(0==(0|b))var w=k+8|0,p=k+4|0;else var w=k+16|0,p=k+12|0;var
p,w,E=Se[w>>2],A=Se[p>>2],g=r+48|0,y=Se[g>>2]+E|0;Se[g>>2]=y;var m=fr(r,A,E),u=m;break }for(var
S=_,M=0,C=f;){var C,M,S;if((S-48&255&255)<10)var R=36*M-48|0;else{if((S-65&255&255)>=26){var
u=0;break r}var R=36*M-55|0}var R,T=(S<<24>>24)+R|0;if((0|T)<0){var u=0;break r}var O=C+1|0;Se[e]=O;var
N=ge[C];if(N<<24>>24==95)break;var S=N,M=T,C=O}var s=T+1|0}var s;if((0|s)>=(0|Se[r+32>>2])){var
u=0;break }var I=r+40|0,P=Se[I>>2]+1|0;Se[I>>2]=P;var u=Se[Se[r+28>>2]+(s<<2)>>2]}else var u=0;while(0);var
u;return u}function B(r,a,e,i){var v,t,f,_,s=Oe;Oe+=28;var n,o,s,_,o>>2;Se[_]=r;var
l=e+1|0,f=(o+12|0)>>2;Se[f]=l;var b=Jr(l),t=(o+4|0)>>2;if(Se[t]=b,0==(0|b))var k=0,u=1;else{var
v=(o+8|0)>>2;Se[v]=0,Se[_+4]=0,Se[_+5]=0;var c=o+24|0;Se[c>>2]=0,H(o,a);var
h=Me[t],d=0==(0|h);do{if(!d){var
w=Me[v];if(w>>>0>=Me[f]>>>0){n=5;break }Se[v]=w+1|0,Ae[h+w|0]=0,n=6;break }n=5 }while(0);5==n&&Y(o,0)
;var p=Se[t],E=0==(0|p)?Se[c>>2]:Se[f],k=p,u=E }var u,k;return Se[i>>2]=u,Oe=s,k}function H(r,a){var
e,i,v,t,f,_,s,n,o,l,b,k,u,c,h,d,w,p,E,A,g,y,m,S,M,C,R,T,O,N,I,P,D,L,F,X,j,U,x,z,V,B,K,G,W,J,vr,tr,fr,_r,sr,nr,or,lr,br,k
r,ur,cr,hr,dr,wr,pr=a>>2,Er=r>>2,Ar=Oe;Oe+=184;var
gr,yr=Ar,wr=yr>>2,mr=Ar+64,dr=mr>>2,Sr=Ar+72,Mr=Ar+88,Cr=Ar+104,hr=Cr>>2,Rr=Ar+168,Tr=0==(0|a);r:d
o if(Tr)Z(r);else{var cr=(r+4|0)>>2,Or=Me[cr];if(0==(0|Or))break;var
Nr=0|a,Ir=Me[Nr>>2];a:do{if(0==(0|Ir)){if(0!=(4&Se[Er]|0)){var Pr=Se[pr+1],Dr=Se[pr+2];q(r,Pr,Dr);break r}var
ur=(r+8|0)>>2,Lr=Me[ur],Fr=a+8|0,Xr=Me[Fr>>2];if((Xr+Lr|0)>>>0>Me[Er+3]>>>0){var
jr=Se[pr+1];Q(r,jr,Xr);break r}var Ur=Or+Lr|0,xr=Se[pr+1];Pa(Ur,xr,Xr,1);var
zr=Se[ur]+Se[Fr>>2]|0;Se[ur]=zr;break r}if(1==(0|Ir)||2==(0|Ir)){var Vr=Se[pr+1];H(r,Vr);var
Br=0==(4&Se[Er]|0),Hr=Me[cr],Kr=0!=(0|Hr);e:do if(Br){do if(Kr){var
kr=(r+8|0)>>2,Yr=Me[kr];if((Yr+2|0)>>>0>Me[Er+3]>>>0)break;var
Gr=Hr+Yr|0;oe=14906,Ae[Gr]=255&oe,oe>>>8,Ae[Gr+1]=255&oe;var Wr=Se[kr]+2|0;Se[kr]=Wr;break
e }while(0);Q(r,0|He. __str120,2)}else{do if(Kr){var
Zr=r+8|0,Qr=Me[Zr>>2];if(Qr>>>0>=Me[Er+3]>>>0)break;Se[Zr>>2]=Qr+1|0,Ae[Hr+Qr|0]=46;break
e }while(0);Y(r,46)}while(0);var qr=Se[pr+2];H(r,qr);break r}if(3==(0|Ir)){for(var
br=(r+20|0)>>2,$r=Me[br],lr=(r+16|0)>>2,Jr=a,ra=0,aa=$r;){var aa,ra,Jr,ea=Me[Jr+4>>2];if(0==(0|ea)){var
ia=ra,va=0;gr=33;break }if(ra>>>0>3){Z(r);break r}var
ta=(ra<<4)+yr|0;Se[ta>>2]=aa,Se[br]=ta,Se[((ra<<4)+4>>2)+wr]=ea,Se[((ra<<4)+8>>2)+wr]=0;var
fa=Me[lr];Se[((ra<<4)+12>>2)+wr]=fa;var _a=ra+1|0,sa=0|ea,na=Me[sa>>2];if((na-
25|0)>>>0>=3){gr=25;break }var Jr=ea,ra=_a,aa=ta }e:do
if(25==gr){if(4==(0|na)){Se[dr]=fa,Se[lr]=mr,Se[dr+1]=ea;var oa=Se[sa>>2],la=mr}else var oa=na,la=fa;var
la,oa;if(2!=(0|oa)){var ia=_a,va=sa;break }for(var ba=_a,ka=ea+8|0;){var ka,ba,ua=Me[ka>>2];if((Se[ua>>2]-
25|0)>>>0>=3){var ia=ba,va=sa;break e}if(ba>>>0>3)break;var ca=(ba<<4)+yr|0,ha=ba-
1|0,da=(ha<<4)+yr|0,or=ca>>2,nr=da>>2;Se[or]=Se[nr],Se[or+1]=Se[nr+1],Se[or+2]=Se[nr+2],Se[or+3]=Se[nr+3],
Se[ca>>2]=da,Se[br]=ca,Se[((ha<<4)+4>>2)+wr]=ua,Se[((ha<<4)+8>>2)+wr]=0,Se[((ha<<4)+12>>2)+wr]=la;var
ba=ba+1|0,ka=ua+4|0}Z(r);break r }while(0);var va,ia,wa=Se[pr+2];if(H(r,wa),4==(0|Se[va>>2])){var
pa=Se[dr];Se[lr]=pa}var Ea=0==(0|ia);e:do if(!Ea)for(var Aa=r+8|0,ga=r+12|0,ya=ia;){var ya,ma=ya-
1|0;if(0==(0|Se[((ma<<4)+8>>2)+wr])){var Sa=Me[cr],Ma=0==(0|Sa);do{if(!Ma){var
Ca=Me[Aa>>2];if(Ca>>>0>=Me[ga>>2]>>>0){gr=41;break }Se[Aa>>2]=Ca+1|0,Ae[Sa+Ca|0]=32,gr=42;break }gr
=41 }while(0);41==gr&&Y(r,32);var Ra=Se[((ma<<4)+4>>2)+wr];$(r,Ra)}if(0==(0|ma))break e;var
ya=ma }while(0);Se[br]=$r;break r}if(4==(0|Ir)){var sr=(r+20|0)>>2,Ta=Se[sr];Se[sr]=0;var
Oa=Se[pr+1];H(r,Oa);var Na=Me[cr],Ia=0==(0|Na);do{if(!Ia){var _r=(r+8|0)>>2,Da=Me[_r],La=0==(0|Da);do
if(!La){if(Ae[Na+(Da-

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1)|0|<<24>>24!=60)break;Da>>>0<Me[Er+3]>>>0?(Se[_r]=Da+1|0,Ae[Na+Da|0]=32):Y(r,32)}while(0);var
Fa=Me[cr];if(0==(0|Fa)){gr=54;break}var
Xa=Me[_r];if(Xa>>>0>=Me[Er+3]>>>0){gr=54;break}Se[_r]=Xa+1|0,Ae[Fa+Xa|0]=60,gr=55;break}gr=54}while(
0);54==gr&&Y(r,60);var ja=Se[pr+2];H(r,ja);var Ua=Me[cr],xa=0==(0|Ua);do{if(!xa){var
fr=(r+8|0)>>2,za=Me[fr],Va=0==(0|za);do{if(!Va){if(Ae[Ua+(za-
1)|0|<<24>>24!=62)break;za>>>0<Me[Er+3]>>>0?(Se[fr]=za+1|0,Ae[Ua+za|0]=32):Y(r,32)}while(0);var
Ba=Me[cr];if(0==(0|Ba)){gr=64;break}var
Ha=Me[fr];if(Ha>>>0>=Me[Er+3]>>>0){gr=64;break}Se[fr]=Ha+1|0,Ae[Ba+Ha|0]=62,gr=65;break}gr=64}while(
0);64==gr&&Y(r,62),Se[sr]=Ta;break r}if(5==(0|Ir)){var tr=(r+16|0)>>2,Ka=Me[tr];if(0==(0|Ka)){Z(r);break
r}for(var Ya=Se[pr+1],Ga=Se[Ka+4>>2];){var
Ga,Ya,Wa=Se[Ga+8>>2];if(0==(0|Wa))break;if(39!=(0|Se[Wa>>2])){Z(r);break
r}if((0|Ya)<1){if(0!=(0|Ya))break;var Za=Se[Ka>>2];Se[tr]=Za;var Qa=Se[Wa+4>>2];H(r,Qa),Se[tr]=Ka;break
r}var Ya=Ya-1|0,Ga=Wa}Z(r);break r}if(6==(0|Ir)){var qa=Se[pr+2];H(r,qa);break r}if(7==(0|Ir)){var
$a=r+8|0,Ja=Me[$a>>2];Ja>>>0<Me[Er+3]>>>0?(Se[$a>>2]=Ja+1|0,Ae[Or+Ja|0]=126):Y(r,126);var
re=Se[pr+2];H(r,re);break r}if(8==(0|Ir)){var
vr=(r+8|0)>>2,ae=Me[vr];if((ae+11|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str121,11);else{for(var
ee=Or+ae|0,ie=0|He.__str121,ve=ee,te=ie+11;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var fe=Se[vr]+11|0;Se[vr]=fe}var
_e=Se[pr+1];H(r,_e);break r}if(9==(0|Ir)){var
J=(r+8|0)>>2,se=Me[J];if((se+8|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str122,8);else{var
ne=Or+se|0,le=0|ne;oe=542397526,Ae[le]=255&oe,oe>>>8,Ae[le+1]=255&oe,oe>>>8,Ae[le+2]=255&oe,oe>>>8,
Ae[le+3]=255&oe;var
be=ne+4|0;oe=544370534,Ae[be]=255&oe,oe>>>8,Ae[be+1]=255&oe,oe>>>8,Ae[be+2]=255&oe,oe>>>8,Ae[be+3]=255&oe;var
ke=Se[J]+8|0;Se[J]=ke}var ue=Se[pr+1];H(r,ue);break r}if(10==(0|Ir)){var
W=(r+8|0)>>2,ce=Me[W],he=r+12|0;if((ce+24|0)>>>0>Me[he>>2]>>>0)Q(r,0|He.__str123,24);else{var
de=Or+ce|0;Pa(de,0|He.__str123,24,1);var we=Se[W]+24|0;Se[W]=we}var pe=Se[pr+1];H(r,pe);var
Ee=Me[cr],ge=0==(0|Ee);do{if(!ge){var ye=Me[W];if((ye+4|0)>>>0>Me[he>>2]>>>0){gr=96;break}var
me=Ee+ye|0;oe=762210605,Ae[me]=255&oe,oe>>>8,Ae[me+1]=255&oe,oe>>>8,Ae[me+2]=255&oe,oe>>>8,Ae[me+3]=255&oe;var
Ce=Se[W]+4|0;Se[W]=Ce,gr=97;break}gr=96}while(0);96==gr&&Q(r,0|He.__str124,4);var
Re=Se[pr+2];H(r,Re);break r}if(11==(0|Ir)){var
G=(r+8|0)>>2,Te=Me[G];if((Te+13|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str125,13);else{for(var
Ne=Or+Te|0,ie=0|He.__str125,ve=Ne,te=ie+13;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var Ie=Se[G]+13|0;Se[G]=Ie}var
Pe=Se[pr+1];H(r,Pe);break r}if(12==(0|Ir)){var
K=(r+8|0)>>2,De=Me[K];if((De+18|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str126,18);else{for(var
Le=Or+De|0,ie=0|He.__str126,ve=Le,te=ie+18;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var Fe=Se[K]+18|0;Se[K]=Fe}var
Xe=Se[pr+1];H(r,Xe);break r}if(13==(0|Ir)){var
B=(r+8|0)>>2,je=Me[B];if((je+16|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str127,16);else{for(var
Ue=Or+je|0,ie=0|He.__str127,ve=Ue,te=ie+16;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var xe=Se[B]+16|0;Se[B]=xe}var
ze=Se[pr+1];H(r,ze);break r}if(14==(0|Ir)){var
V=(r+8|0)>>2,Ve=Me[V];if((Ve+21|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str128,21);else{var
Be=Or+Ve|0;Pa(Be,0|He.__str128,21,1);var Ke=Se[V]+21|0;Se[V]=Ke}var Ye=Se[pr+1];H(r,Ye);break
r}if(15==(0|Ir)){var z=(r+8|0)>>2,Ge=Me[z];if((Ge+17|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str129,17);else{for(var
We=Or+Ge|0,ie=0|He.__str129,ve=We,te=ie+17;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var Ze=Se[z]+17|0;Se[z]=Ze}var
Qe=Se[pr+1];H(r,Qe);break r}if(16==(0|Ir)){var
x=(r+8|0)>>2,qe=Me[x];if((qe+26|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str130,26);else{var
$e=Or+qe|0;Pa($e,0|He.__str130,26,1);var Je=Se[x]+26|0;Se[x]=Je}var ri=Se[pr+1];H(r,ri);break
r}if(17==(0|Ir)){var U=(r+8|0)>>2,ai=Me[U];if((ai+15|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str131,15);else{for(var
ei=Or+ai|0,ie=0|He.__str131,ve=ei,te=ie+15;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var ii=Se[U]+15|0;Se[U]=ii}var
vi=Se[pr+1];H(r,vi);break r}if(18==(0|Ir)){var

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j=(r+8|0)>>2,ti=Me[j];if((ti+19|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str132,19);else{for(var
fi=Or+ti|0,ie=0|He.__str132,ve=fi,te=ie+19;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var _i=Se[j]+19|0;Se[j]=_i}var
si=Se[pr+1];H(r,si);break r}if(19==(0|Ir)){var
X=(r+8|0)>>2,ni=Me[X];if((ni+24|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str133,24);else{var
oi=Or+ni|0;Pa(oi,0|He.__str133,24,1);var li=Se[X]+24|0;Se[X]=li}var bi=Se[pr+1];H(r,bi);break
r}if(20==(0|Ir)){var F=(r+8|0)>>2,ki=Me[F];if((ki+17|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str134,17);else{for(var
ui=Or+ki|0,ie=0|He.__str134,ve=ui,te=ie+17;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var ci=Se[F]+17|0;Se[F]=ci}var
hi=Se[pr+1];H(r,hi);break r}if(21==(0|Ir)){var
L=(r+8|0)>>2,di=Me[L],wi=a+8|0,pi=Me[wi>>2];if((pi+di|0)>>>0>Me[Er+3]>>>0){var
Ei=Se[pr+1];Q(r,Ei,pi);break r}var Ai=Or+di|0,gi=Se[pr+1];Pa(Ai,gi,pi,1);var
yi=Se[L]+Se[wi>>2]|0;Se[L]=yi;break r}if(22==(0|Ir)||23==(0|Ir)||24==(0|Ir)){for(var mi=r+20|0;){var
mi,Si=Me[mi>>2];if(0==(0|Si))break a;if(0==(0|Se[Si+8>>2])){var Mi=Me[Se[Si+4>>2]>>2];if((Mi-
22|0)>>>0>=3)break a;if((0|Mi)==(0|Ir))break}var mi=0|Si}var Ci=Se[pr+1];H(r,Ci);break
r}if(25!=(0|Ir)&&26!=(0|Ir)&&27!=(0|Ir)&&28!=(0|Ir)&&29!=(0|Ir)&&30!=(0|Ir)&&31!=(0|Ir)&&32!=(0|Ir)){if(3
3==(0|Ir)){var D=(r+8|0)>>2,Ri=Me[D],P=(a+4|0)>>2,I=Me[P]>>2;if(0==(4&Se[Er]|0)){var
Ti=Me[I+1];if((Ti+Ri|0)>>>0>Me[Er+3]>>>0){var Oi=Se[I];Q(r,Oi,Ti);break r}var
Ni=Or+Ri|0,Ii=Se[I];Pa(Ni,Ii,Ti,1);var Pi=Se[D]+Se[Se[P]+4>>2]|0;Se[D]=Pi;break r}var
Di=Me[I+3];if((Di+Ri|0)>>>0>Me[Er+3]>>>0){var Li=Se[I+2];Q(r,Li,Di);break r}var
Fi=Or+Ri|0,Xi=Se[I+2];Pa(Fi,Xi,Di,1);var ji=Se[D]+Se[Se[P]+12>>2]|0;Se[D]=ji;break r}if(34==(0|Ir)){var
Ui=Se[pr+1];H(r,Ui);break r}if(35==(0|Ir)){var N=(0|r)>>2;if(0!=(32&Se[N]|0)){var xi=Se[Er+5];rr(r,a,xi)}var
zi=a+4|0,Vi=0==(0|Se[zi>>2]);e:do if(!Vi){var
O=(r+20|0)>>2,Bi=Se[O],Hi=0|Mr;Se[Hi>>2]=Bi,Se[O]=Mr,Se[Mr+4>>2]=a;var Ki=Mr+8|0;Se[Ki>>2]=0;var
Yi=Se[Er+4];Se[Mr+12>>2]=Yi;var Gi=Se[zi>>2];H(r,Gi);var
Wi=Se[Hi>>2];if(Se[O]=Wi,0!=(0|Se[Ki>>2]))break r;if(0!=(32&Se[N]|0))break;var Zi=Me[cr],Qi=0==(0|Zi);do
if(!Qi){var qi=r+8|0,$i=Me[qi>>2];if($i>>>0>=Me[Er+3]>>>0)break;Se[qi>>2]=$i+1|0,Ae[Zi+$i|0]=32;break
e}while(0);Y(r,32)}while(0);if(0!=(32&Se[N]|0))break r;var Ji=Se[Er+5];rr(r,a,Ji);break r}if(36==(0|Ir)){var
T=(r+20|0)>>2,rv=Me[T],av=0|Cr;Se[hr]=rv,Se[T]=av,Se[hr+1]=a;var ev=Cr+8|0;Se[ev>>2]=0;var
iv=Se[Er+4];Se[hr+3]=iv;for(var vv=rv, tv=1;){var tv,vv;if(0==(0|vv))break;if((Se[Se[vv+4>>2]>>2]-
22|0)>>>0>=3)break;var fv=vv+8|0;if(0==(0|Se[fv>>2])){if(tv>>>0>3){Z(r);break r}var
_v=(tv<<4)+Cr|0,R=_v>>2,C=vv>>2;Se[R]=Se[C],Se[R+1]=Se[C+1],Se[R+2]=Se[C+2],Se[R+3]=Se[C+3];var
sv=Se[T];Se[_v>>2]=sv,Se[T]=_v,Se[fv>>2]=1;var nv=tv+1|0}else var nv=tv;var nv,vv=Se[vv>>2],tv=nv}var
ov=Se[pr+2];if(H(r,ov),Se[T]=rv,0!=(0|Se[ev>>2]))break r;if(tv>>>0>1){for(var lv=tv;){var lv,bv=lv-
1|0,kv=Se[(bv<<4)+4>>2]+hr;if($ (r,kv),bv>>>0<=1)break;var lv=bv}var uv=Se[T]}else var uv=rv;var
uv;ar(r,a,uv);break r}if(37==(0|Ir)){var
M=(r+20|0)>>2,cv=Se[M],hv=0|Rr;Se[hv>>2]=cv,Se[M]=Rr,Se[Rr+4>>2]=a;var dv=Rr+8|0;Se[dv>>2]=0;var
wv=Se[Er+4];Se[Rr+12>>2]=wv;var pv=a+4|0,Ev=Se[pr+2];H(r,Ev);var Av=0==(0|Se[dv>>2]);e:do if(Av){var
gv=Me[cr],yv=0==(0|gv);do{if(!yv){var
mv=r+8|0,Sv=Me[mv>>2];if(Sv>>>0>=Me[Er+3]>>>0){gr=187;break}Se[mv>>2]=Sv+1|0,Ae[gv+Sv|0]=32,gr=18
8;break}gr=187}while(0);187==gr&&Y(r,32);var Mv=Se[pv>>2];H(r,Mv);var Cv=Me[cr],Rv=0==(0|Cv);do
if(!Rv){var S=(r+8|0)>>2,Tv=Me[S];if((Tv+3|0)>>>0>Me[Er+3]>>>0)break;var
Ov=Cv+Tv|0;Ae[Ov]=Ae[0|He.__str135],Ae[Ov+1]=Ae[(0|He.__str135)+1],Ae[Ov+2]=Ae[(0|He.__str135)+2];var
Nv=Se[S]+3|0;Se[S]=Nv;break e}while(0);Q(r,0|He.__str135,3)}while(0);var Iv=Se[hv>>2];Se[M]=Iv;break
r}if(38==(0|Ir)||39==(0|Ir)){var Pv=Se[pr+1];H(r,Pv);var Dv=a+8|0;if(0==(0|Se[Dv>>2]))break r;var
Lv=Me[cr],Fv=0==(0|Lv);do{if(!Fv){var
m=(r+8|0)>>2,Xv=Me[m];if((Xv+2|0)>>>0>Me[Er+3]>>>0){gr=197;break}var
jv=Lv+Xv|0;oe=8236,Ae[jv]=255&oe,oe>>=8,Ae[jv+1]=255&oe;var
Uv=Se[m]+2|0;Se[m]=Uv,gr=198;break}gr=197}while(0);197==gr&&Q(r,0|He.__str136,2);var
xv=Se[Dv>>2];H(r,xv);break r}if(40==(0|Ir)){var

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y=(r+8|0)>>>2,zv=Me[y],g=(r+12|0)>>>2;if((zv+8|0)>>>>0>Me[g]>>>>0)Q(r,0|He.__str137,8);else{var
Vv=Or+zv|0,le=0|Vv;oe=1919250543,Ae[le]=255&oe,oe>>>=8,Ae[le+1]=255&oe,oe>>>=8,Ae[le+2]=255&oe,oe>>
=8,Ae[le+3]=255&oe;var
be=Vv+4|0;oe=1919906913,Ae[be]=255&oe,oe>>>=8,Ae[be+1]=255&oe,oe>>>=8,Ae[be+2]=255&oe,oe>>>=8,Ae[be
+3]=255&oe;var Bv=Se[y]+8|0;Se[y]=Bv }var A=(a+4|0)>>>2,Hv=(Ae[Se[Se[A]+4>>>2]]-97&255&255)<26;e:do
if(Hv){var Kv=Me[cr],Yv=0==(0|Kv);do if(!Yv){var
Gv=Me[y];if(Gv>>>>0>=Me[g]>>>>0)break;Se[y]=Gv+1|0,Ae[Kv+Gv|0]=32;break e }while(0);Y(r,32)}while(0);var
Wv=Me[cr],Zv=0==(0|Wv);do {if(!Zv){var
Qv=Me[y],qv=Me[A],$v=Me[qv+8>>>2];if(($v+Qv|0)>>>>0>Me[g]>>>>0){var Jv=qv,rt=$v;break }var
at=Wv+Qv|0,et=Se[qv+4>>>2];Pa(at,et,$v,1);var it=Se[y]+Se[Se[A]+8>>>2]|0;Se[y]=it;break r }var
vt=Me[A],Jv=vt,rt=Se[vt+8>>>2]}while(0);var rt,Jv,tt=Se[Jv+4>>>2];Q(r,tt,rt);break r }if(41==(0|Ir)){var
E=(r+8|0)>>>2,ft=Me[E];if((ft+9|0)>>>>0>Me[Er+3]>>>>0)Q(r,0|He.__str10180,9);else{for(var
_t=Or+ft|0,ie=0|He.__str10180,ve=_t,te=ie+9;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var st=Se[E]+9|0;Se[E]=st }var
nt=Se[pr+2];H(r,nt);break r }if(42==(0|Ir)){var
p=(r+8|0)>>>2,ot=Me[p];if((ot+9|0)>>>>0>Me[Er+3]>>>>0)Q(r,0|He.__str10180,9);else{for(var
lt=Or+ot|0,ie=0|He.__str10180,ve=lt,te=ie+9;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var
bt=Se[p]+9|0;Se[p]=bt }er(r,a);break r }if(43==(0|Ir)){var kt=a+4|0,ut=Se[kt>>>2],ct=42==(0|Se[ut>>>2]);e:do
if(ct){var w=(r+8|0)>>>2,ht=Me[w],dt=r+12|0;ht>>>>0<Me[dt>>>2]>>>>0?(Se[w]=ht+1|0,Ae[Or+ht|0]=40):Y(r,40);var
wt=Se[kt>>>2];er(r,wt);var pt=Me[cr],Et=0==(0|pt);do if(!Et){var
At=Me[w];if(At>>>>0>=Me[dt>>>2]>>>>0)break;Se[w]=At+1|0,Ae[pt+At|0]=41;break e }while(0);Y(r,41)}else
ir(r,ut);while(0);var gt=Me[cr],yt=0==(0|gt);do {if(!yt){var
mt=r+8|0,St=Me[mt>>>2];if(St>>>>0>=Me[Er+3]>>>>0){gr=232;break }Se[mt>>>2]=St+1|0,Ae[gt+St|0]=40,gr=233;br
eak }gr=232 }while(0);232==gr&&Y(r,40);var Mt=Se[pr+2];H(r,Mt);var Ct=Me[cr],Rt=0==(0|Ct);do if(!Rt){var
Tt=r+8|0,Ot=Me[Tt>>>2];if(Ot>>>>0>=Me[Er+3]>>>>0)break;Se[Tt>>>2]=Ot+1|0,Ae[Ct+Ot|0]=41;break
r }while(0);Y(r,41);break r }if(44==(0|Ir)){var d=(a+8|0)>>>2;if(45==(0|Se[Se[d]>>>2])){var
h=(a+4|0)>>>2,Nt=Se[h],It=40==(0|Se[Nt>>>2]);do if(It){var
Pt=Se[Nt+4>>>2];if(1!=(0|Se[Pt+8>>>2]))break;if(Ae[Se[Pt+4>>>2]]<<24>>>24!=62)break;var
Dt=r+8|0,Lt=Me[Dt>>>2];Lt>>>>0<Me[Er+3]>>>>0?(Se[Dt>>>2]=Lt+1|0,Ae[Or+Lt|0]=40):Y(r,40)}while(0);var
Ft=Me[cr],Xt=0==(0|Ft);do {if(!Xt){var
jt=r+8|0,Ut=Me[jt>>>2];if(Ut>>>>0>=Me[Er+3]>>>>0){gr=248;break }Se[jt>>>2]=Ut+1|0,Ae[Ft+Ut|0]=40,gr=249;brea
k }gr=248 }while(0);248==gr&&Y(r,40);var xt=Se[Se[d]+4>>>2];H(r,xt);var zt=Me[cr],Vt=0==(0|zt);do {if(!Vt){var
c=(r+8|0)>>>2,Bt=Me[c];if((Bt+2|0)>>>>0>=Me[Er+3]>>>>0){gr=252;break }var
Ht=zt+Bt|0;oe=8233,Ae[Ht]=255&oe,oe>>>=8,Ae[Ht+1]=255&oe;var
Kt=Se[c]+2|0;Se[c]=Kt,gr=253;break }gr=252 }while(0);252==gr&&Q(r,0|He.__str139,2);var Yt=Se[h];ir(r,Yt);var
Gt=Me[cr],Wt=0==(0|Gt);do {if(!Wt){var
u=(r+8|0)>>>2,Zt=Me[u];if((Zt+2|0)>>>>0>=Me[Er+3]>>>>0){gr=256;break }var
Qt=Gt+Zt|0;oe=10272,Ae[Qt]=255&oe,oe>>>=8,Ae[Qt+1]=255&oe;var
qt=Se[u]+2|0;Se[u]=qt,gr=257;break }gr=256 }while(0);256==gr&&Q(r,0|He.__str140,2);var
$t=Se[Se[d]+8>>>2];H(r,$t);var Jt=Me[cr],rf=0==(0|Jt);do {if(!rf){var
af=r+8|0,ef=Me[af>>>2];if(ef>>>>0>=Me[Er+3]>>>>0){gr=260;break }Se[af>>>2]=ef+1|0,Ae[Jt+ef|0]=41,gr=261;brea
k }gr=260 }while(0);260==gr&&Y(r,41);var vf=Se[h];if(40!=(0|Se[vf>>>2]))break r;var
tf=Se[vf+4>>>2];if(1!=(0|Se[tf+8>>>2]))break r;if(Ae[Se[tf+4>>>2]]<<24>>>24!=62)break r;var
ff=Me[cr],_f=0==(0|ff);do if(!_f){var
sf=r+8|0,nf=Me[sf>>>2];if(nf>>>>0>=Me[Er+3]>>>>0)break;Se[sf>>>2]=nf+1|0,Ae[ff+nf|0]=41;break
r }while(0);Y(r,41);break r }Z(r);break r }if(45==(0|Ir)){Z(r);break r }if(46==(0|Ir)){var
of=a+4|0,k=(a+8|0)>>>2,lf=Se[k],bf=47==(0|Se[lf>>>2]);do if(bf){if(48!=(0|Se[Se[lf+8>>>2]>>>2]))break;var
b=(r+8|0)>>>2,kf=Me[b],l=(r+12|0)>>>2;kf>>>>0<Me[l]>>>>0?(Se[b]=kf+1|0,Ae[Or+kf|0]=40):Y(r,40);var
uf=Se[Se[k]+4>>>2];H(r,uf);var cf=Me[cr],hf=0==(0|cf);do {if(!hf){var

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df=Me[b];if((df+2|0)>>>0>Me[l]>>>0){gr=278;break}var
wf=cf+df|0;oe=8233,Ae[wf]=255&oe,oe>>=8,Ae[wf+1]=255&oe;var
pf=Se[b]+2|0;Se[b]=pf,gr=279;break}gr=278}while(0);278==gr&&Q(r,0|He.__str139,2);var
Ef=Se[of>>2];ir(r,Ef);var Af=Me[cr],gf=0==(0|Af);do{if(!gf){var
yf=Me[b];if((yf+2|0)>>>0>Me[l]>>>0){gr=282;break}var
mf=Af+yf|0;oe=10272,Ae[mf]=255&oe,oe>>=8,Ae[mf+1]=255&oe;var
Sf=Se[b]+2|0;Se[b]=Sf,gr=283;break}gr=282}while(0);282==gr&&Q(r,0|He.__str140,2);var
Mf=Se[Se[Se[k]+8>>2]+4>>2];H(r,Mf);var Cf=Me[cr],Rf=0==(0|Cf);do{if(!Rf){var
Tf=Me[b];if((Tf+5|0)>>>0>Me[l]>>>0){gr=286;break}var
Of=Cf+Tf|0;Ae[Of]=Ae[0|He.__str141],Ae[Of+1]=Ae[(0|He.__str141)+1],Ae[Of+2]=Ae[(0|He.__str141)+2],Ae[Of
+3]=Ae[(0|He.__str141)+3],Ae[Of+4]=Ae[(0|He.__str141)+4];var
Nf=Se[b]+5|0;Se[b]=Nf,gr=287;break}gr=286}while(0);286==gr&&Q(r,0|He.__str141,5);var
If=Se[Se[Se[k]+8>>2]+8>>2];H(r,If);var Pf=Me[cr],Df=0==(0|Pf);do{if(!Df){var
Lf=Me[b];if(Lf>>>0>Me[l]>>>0)break;Se[b]=Lf+1|0,Ae[Pf+Lf|0]=41;break r}while(0);Y(r,41);break
r}while(0);Z(r);break r;if(47==(0|Ir)||48==(0|Ir)){Z(r);break r;if(49==(0|Ir)||50==(0|Ir)){var
Ff=a+4|0,Xf=Se[Ff>>2],jf=33==(0|Se[Xf>>2]);do{if(!jf){var
Uf=Me[Se[Xf+4>>2]+16>>2];if(1==(0|Uf)||2==(0|Uf)||3==(0|Uf)||4==(0|Uf)||5==(0|Uf)||6==(0|Uf)){var
xf=a+8|0;if(0!=(0|Se[Se[xf>>2]>>2])){var zf=Uf;break}if(50==(0|Ir)){var
Vf=r+8|0,Bf=Me[Vf>>2];Bf>>>0<Me[Er+3]>>>0?(Se[Vf>>2]=Bf+1|0,Ae[Or+Bf|0]=45):Y(r,45)}var
Hf=Se[xf>>2];if(H(r,Hf),2==(0|Uf)){var Kf=Me[cr],Yf=0==(0|Kf);do{if(!Yf){var
Gf=r+8|0,Wf=Me[Gf>>2];if(Wf>>>0>Me[Er+3]>>>0)break;Se[Gf>>2]=Wf+1|0,Ae[Kf+Wf|0]=117;break
r}while(0);Y(r,117);break r;if(3==(0|Uf)){var Zf=Me[cr],Qf=0==(0|Zf);do{if(!Qf){var
qf=r+8|0,Sf=Me[qf>>2];if(Sf>>>0>Me[Er+3]>>>0)break;Se[qf>>2]=Sf+1|0,Ae[Zf+Sf|0]=108;break
r}while(0);Y(r,108);break r;if(4==(0|Uf)){var Jf=Me[cr],r_=0==(0|Jf);do{if(!r_){var
o=(r+8|0)>>2,a_=Me[o];if((a_+2|0)>>>0>Me[Er+3]>>>0)break;var
e_=Jf+a_|0;oe=27765,Ae[e_]=255&oe,oe>>=8,Ae[e_+1]=255&oe;var i_=Se[o]+2|0;Se[o]=i_;break
r}while(0);Q(r,0|He.__str142,2);break r;if(5==(0|Uf)){var v_=Me[cr],t_=0==(0|v_);do{if(!t_){var
n=(r+8|0)>>2,f_=Me[n];if((f_+2|0)>>>0>Me[Er+3]>>>0)break;var
__=v_+f_|0;oe=27756,Ae[__]=255&oe,oe>>=8,Ae[__+1]=255&oe;var s_=Se[n]+2|0;Se[n]=s_;break
r}while(0);Q(r,0|He.__str143,2);break r;if(6==(0|Uf)){var n_=Me[cr],o_=0==(0|n_);do{if(!o_){var
s=(r+8|0)>>2,l_=Me[s];if((l_+3|0)>>>0>Me[Er+3]>>>0)break;var
b_=n_+l_|0;Ae[b_]=Ae[0|He.__str144],Ae[b_+1]=Ae[(0|He.__str144)+1],Ae[b_+2]=Ae[(0|He.__str144)+2];var
k_=Se[s]+3|0;Se[s]=k_;break r}while(0);Q(r,0|He.__str144,3);break r}break r;if(7==(0|Uf)){var
_=Se[pr+2]>>2;if(0!=(0|Se[_])){var zf=7;break}if(!(1==(0|Se[_+2])&49==(0|Ir))){var zf=Uf;break}var
u_=Ae[Se[_+1]]<<24>>24;if(48==(0|u_)){var
f=(r+8|0)>>2,c_=Me[f];if((c_+5|0)>>>0>Me[Er+3]>>>0){Q(r,0|He.__str145,5);break r}var
h_=Or+c_|0;Ae[h_]=Ae[0|He.__str145],Ae[h_+1]=Ae[(0|He.__str145)+1],Ae[h_+2]=Ae[(0|He.__str145)+2],Ae[h_
+3]=Ae[(0|He.__str145)+3],Ae[h_+4]=Ae[(0|He.__str145)+4];var d_=Se[f]+5|0;Se[f]=d_;break
r;if(49==(0|u_)){var t=(r+8|0)>>2,w_=Me[t];if((w_+4|0)>>>0>Me[Er+3]>>>0){Q(r,0|He.__str146,4);break r}var
p_=Or+w_|0;oe=1702195828,Ae[p_]=255&oe,oe>>=8,Ae[p_+1]=255&oe,oe>>=8,Ae[p_+2]=255&oe,oe>>=8,Ae[
p_+3]=255&oe;var E_=Se[t]+4|0;Se[t]=E_;break r}var zf=Uf;break}var zf=Uf;break}var zf=0}while(0);var
zf,v=(r+8|0)>>2,A_=Me[v],i=(r+12|0)>>2;A_>>>0<Me[i]>>>0?(Se[v]=A_+1|0,Ae[Or+A_|0]=40):Y(r,40);var
g_=Se[Ff>>2];H(r,g_);var y_=Me[cr],m_=0==(0|y_);do{if(!m_){var
S_=Me[v];if(S_>>>0>Me[i]>>>0){gr=335;break}Se[v]=S_+1|0,Ae[y_+S_|0]=41,gr=336;break}gr=335}while(0);
335==gr&&Y(r,41);var M_=50==(0|Se[Nr>>2]);e:do{if(M_){var C_=Me[cr],R_=0==(0|C_);do{if(!R_){var
T_=Me[v];if(T_>>>0>Me[i]>>>0)break;Se[v]=T_+1|0,Ae[C_+T_|0]=45;break
e}while(0);Y(r,45)}while(0);if(8==(0|zf)){var O_=Me[cr],N_=0==(0|O_);do{if(!N_){var
I_=Me[v];if(I_>>>0>Me[i]>>>0){gr=345;break}Se[v]=I_+1|0,Ae[O_+I_|0]=91,gr=346;break}gr=345}while(0);3

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45==gr&&Y(r,91);var P_=Se[pr+2];H(r,P_);var D_=Me[cr],L_=0==(0|D_);do if(!L_){var
F_=Me[v];if(F_>>>0>=Me[i]>>>0)break;Se[v]=F_+1|0,Ae[D_+F_0]=93;break r}while(0);Y(r,93);break r}var
X_=Se[pr+2];H(r,X_);break r}Z(r);break r}}while(0);var
e=(r+20|0)>>2,j_=Se[e],U_=0|Sr;Se[U_>>2]=j_,Se[e]=Sr,Se[Sr+4>>2]=a;var x_=Sr+8|0;Se[x_>>2]=0;var
z_=Se[Er+4];Se[Sr+12>>2]=z_;var V_=Se[pr+1];H(r,V_),0==(0|Se[x_>>2])&&$(r,a);var
B_=Se[U_>>2];Se[e]=B_}while(0);Oe=Ar}function K(r,a,e,i){var
v=i>>2;Se[v]=r,Se[v+1]=r+e|0,Se[v+2]=a,Se[v+3]=r,Se[v+6]=e<<1,Se[v+5]=0,Se[v+9]=e,Se[v+8]=0,Se[v+10]=0,
Se[v+11]=0,Se[v+12]=0}function Y(r,a){var e,i=r+4|0,v=Me[i>>2],t=0==(0|v);do if(!t){var
e=(r+8|0)>>2,f=Me[e];if(f>>>0<Me[r+12>>2]>>>0)var _=v,s=f;else{tr(r,1);var n=Me[i>>2];if(0==(0|n))break;var
_=n,s=Se[e]}var s,_;Ae[_+s|0]=255&a;var o=Se[e]+1|0;Se[e]=o}while(0)}function G(r,a,e,i){var
v,t=i>>2,f=Oe;Oe+=4;var _=f,v=_>>2,s=0==(0|r);do if(s){if(0==(0|i)){var n=0;break}Se[t]=-3;var n=0}else{var
o=0==(0|e);if(0!=(0|a)&o){if(0==(0|i)){var n=0;break}Se[t]=-3;var n=0}else{var
l=W(r,_);if(0==(0|l)){if(0==(0|i)){var n=0;break}if(1==(0|Se[v])){Se[t]=-1;var n=0}else{Se[t]=-2;var
n=0}}else{var b=0==(0|a);do if(b){if(o){var k=l;break}var u=Se[v];Se[e>>2]=u;var k=l}else{var
c=Ca(l);if(c>>>0<Me[e>>2]>>>0){Ra(a,l);va(l);var k=a}else{va(a);var h=Se[v];Se[e>>2]=h;var k=l}}while(0);var
k;if(0==(0|i)){var n=k;break}Se[t]=0;var n=k}}while(0);var n;return Oe=f,n}function W(r,a){var
e,i=Oe;Oe+=52;var v,t=i,e=t>>2;Se[a>>2]=0;var
f=Ca(r,_=Ae[r]<<24>>24==95;do{if(_){if(Ae[r+1|0]<<24>>24==90){var
s=0;v=13;break}v=3;break}v=3}while(0);do if(3==v){var n=Na(r,0|He.__str117,8);if(0!=(0|n)){var
s=1;v=13;break}var o=Ae[r+8|0];if(o<<24>>24!=46&&o<<24>>24!=95&&o<<24>>24!=36){var
s=1;v=13;break}var l=r+9|0,b=Ae[l];if(b<<24>>24!=68&&b<<24>>24!=73){\nvar
s=1;v=13;break}if(Ae[r+10|0]<<24>>24!=95){var s=1;v=13;break}var
k=f+29|0,u=Jr(k);if(0==(0|u)){Se[a>>2]=1;var
c=0;v=19;break}Ae[l]<<24>>24==73?Pa(u,0|He.__str118,30,1):Pa(u,0|He.__str119,29,1);var
h=r+11|0,c=(Ia(u,h),u);v=19;break}while(0);if(13==v){var s;K(r,17,f,t);var
d=Se[e+6],w=Ta(),p=Oe;Oe+=12*d,Oe=Oe+3>>2<<2;var
E=Oe;if(Oe+=4*Se[e+9],Oe=Oe+3>>2<<2,Se[e+4]=p,Se[e+7]=E,s)var A=N(t),g=A;else var y=T(t,1),g=y;var
g,m=Ae[Se[e+3]]<<24>>24==0?g:0,S=Se[e+12]+f+10*Se[e+10]|0;if(0==(0|m))var M=0;else var
C=S/8+S|0,R=B(17,m,C,a),M=R;var M;Oa(w);var c=M}var c;return Oe=i,c}function Z(r){var
a=r+4|0,e=Se[a>>2];va(e),Se[a>>2]=0}function Q(r,a,e){var i,v=r+4|0,t=Me[v>>2],f=0==(0|t);do if(!f){var
i=(r+8|0)>>2,_=Me[i];if((_+e|0)>>>0>Me[r+12>>2]>>>0){tr(r,e);var s=Me[v>>2];if(0==(0|s))break;var
n=s,o=Se[i]}else var n=t,o=_;var o,n;Pa(n+o|0,a,e,1);var l=Se[i]+e|0;Se[i]=l}while(0)}function q(r,a,e){var
i,v,t=a+e|0,f=(0|e)>0;r:do if(f)for(var _=t,s=r+4|0,i=(r+8|0)>>2,n=r+12|0,o=a;){var o,l=(_-
o|0)>3;a:do{if(l){if(Ae[o]<<24>>24!=95){v=21;break}if(Ae[o+1|0]<<24>>24!=95){v=21;break}if(Ae[o+2|0]<<24
>>24!=85){v=21;break}for(var b=o+3|0,k=0;){var k,b;if(b>>>0>=t>>>0){v=21;break a}var
u=ge[b],c=u<<24>>24;if((u-48&255&255)<10)var h=c-48|0;else if((u-65&255&255)<6)var h=c-55|0;else{if((u-
97&255&255)>=6)break;var h=c-87|0}var
h,b=b+1|0,k=(k<<4)+h|0)if(!(u<<24>>24==95&k>>>0<256)){v=21;break}var d=Me[s>>2],w=0==(0|d);do
if(!w){var p=Me[i];if(p>>>0>=Me[n>>2]>>>0)break;Se[i]=p+1|0,Ae[d+p|0]=255&k;var E=b,v=25;break
a}while(0);Y(r,k);var E=b,v=25;break}v=21}while(0);a:do if(21==v){var A=Me[s>>2],g=0==(0|A);do if(!g){var
y=Me[i];if(y>>>0>=Me[n>>2]>>>0)break;var m=Ae[o];Se[i]=y+1|0,Ae[A+y|0]=m;var E=o;break a}while(0);var
S=Ae[o]<<24>>24;Y(r,S);var E=o}while(0);var E,M=E+1|0;if(M>>>0>=t>>>0)break r;var
o=M}while(0)}function $(r,a){var e,i,v,t,f,_s,n=r>>2,o=Se[a>>2];r:do if(22==(0|o)||25==(0|o)){var
l=Me[n+1],b=0==(0|l);do if(!b){var _(r+8|0)>>2,k=Me[_];if((k+9|0)>>>0>Me[n+3]>>>0)break;for(var
u=l+k|0,c=0|He.__str147,h=u,d=c+9;c<d;c++,h++)Ae[h]=Ae[c];var w=Se[_+9|0;Se[_]=w;break
r}while(0);Q(r,0|He.__str147,9)}else if(23==(0|o)||26==(0|o)){var p=Me[n+1],E=0==(0|p);do if(!E){var
f=(r+8|0)>>2,A=Me[f];if((A+9|0)>>>0>Me[n+3]>>>0)break;for(var
g=p+A|0,c=0|He.__str148,h=g,d=c+9;c<d;c++,h++)Ae[h]=Ae[c];var y=Se[f]+9|0;Se[f]=y;break

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r} while(0);Q(r,0|He.__str148,9)} else if(24==(0|o)||27==(0|o)){ var m=Me[n+1],S=0==(0|m);do if(!S){ var
t=(r+8|0)>>>2,M=Me[t];if((M+6|0)>>>>0>Me[n+3]>>>>0)break;var
C=m+M|0;Ae[C]=Ae[0|He.__str149],Ae[C+1]=Ae[(0|He.__str149)+1],Ae[C+2]=Ae[(0|He.__str149)+2],Ae[C+3]=
Ae[(0|He.__str149)+3],Ae[C+4]=Ae[(0|He.__str149)+4],Ae[C+5]=Ae[(0|He.__str149)+5];var
R=Se[t]+6|0;Se[t]=R;break r} while(0);Q(r,0|He.__str149,6)} else if(28==(0|o)){ var
T=Me[n+1],O=0==(0|T);do {if(!O){ var
N=r+8|0,I=Me[N>>>2];if(I>>>>0>=Me[n+3]>>>>0){ s=17;break }Se[N>>>2]=I+1|0,Ae[T+I|0]=32,s=18;break }s=17} wh
ile(0);17==s&&Y(r,32);var P=Se[a+8>>>2];H(r,P)} else if(29==(0|o)){ if(0!=(4&Se[n]|0))break;var
D=Me[n+1],L=0==(0|D);do if(!L){ var
F=r+8|0,X=Me[F>>>2];if(X>>>>0>=Me[n+3]>>>>0)break;Se[F>>>2]=X+1|0,Ae[D+X|0]=42;break
r} while(0);Y(r,42)} else if(30==(0|o)){ var j=Me[n+1],U=0==(0|j);do if(!U){ var
x=r+8|0,z=Me[x>>>2];if(z>>>>0>=Me[n+3]>>>>0)break;Se[x>>>2]=z+1|0,Ae[j+z|0]=38;break r} while(0);Y(r,38)} else
if(31==(0|o)){ var V=Me[n+1],B=0==(0|V);do if(!B){ var
v=(r+8|0)>>>2,K=Me[v];if((K+8|0)>>>>0>Me[n+3]>>>>0)break;var
G=V+K|0,W=0|G;oe=1886220131,Ae[W]=255&oe,oe>>>=8,Ae[W+1]=255&oe,oe>>>=8,Ae[W+2]=255&oe,oe>>>=8
,Ae[W+3]=255&oe;var
Z=G+4|0;oe=544761196,Ae[Z]=255&oe,oe>>>=8,Ae[Z+1]=255&oe,oe>>>=8,Ae[Z+2]=255&oe,oe>>>=8,Ae[Z+3]=2
55&oe;var q=Se[v]+8|0;Se[v]=q;break r} while(0);Q(r,0|He.__str150,8)} else if(32==(0|o)){ var
$=Me[n+1],J=0==(0|$);do if(!J){ var i=(r+8|0)>>>2,rr=Me[i];if((rr+10|0)>>>>0>Me[n+3]>>>>0)break;for(var
ar=$+rr|0,c=0|He.__str151,h=ar,d=c+10;c<d;c++,h++)Ae[h]=Ae[c];var er=Se[i]+10|0;Se[i]=er;break
r} while(0);Q(r,0|He.__str151,10)} else if(37==(0|o)){ var ir=r+4|0,vr=Me[ir>>>2],tr=0==(0|vr);do {if(!tr){ var
fr=r+8|0,_r=Me[fr>>>2];if(0!=(0|_r)&&Ae[vr+(_r-
1)|0]<<<24>>>24==40){ s=42;break }if(_r>>>>0>=Me[n+3]>>>>0){ s=41;break }Se[fr>>>2]=_r+1|0,Ae[vr+_r|0]=32,s=42;
break }s=41} while(0);41==s&&Y(r,32);var sr=Se[a+4>>>2];H(r,sr);var nr=Me[ir>>>2],or=0==(0|nr);do if(!or){ var
e=(r+8|0)>>>2,lr=Me[e];if((lr+3|0)>>>>0>Me[n+3]>>>>0)break;var
br=nr+lr|0;Ae[br]=Ae[0|He.__str135],Ae[br+1]=Ae[(0|He.__str135)+1],Ae[br+2]=Ae[(0|He.__str135)+2];var
kr=Se[e]+3|0;Se[e]=kr;break r} while(0);Q(r,0|He.__str135,3)} else if(3==(0|o)){ var ur=Se[a+4>>>2];H(r,ur)} else
H(r,a);while(0)} function J(r){ var a=r+20|0,e=Se[a>>>2];if((0|e)<(0|Se[r+24>>>2])){ var
i=Se[r+16>>>2]+12*e|0,v=e+1|0;Se[a>>>2]=v;var t=i} else var t=0;var t;return t} function rr(r,a,e){ var
i,v,t,f,_r>>>2,s=e,t=s>>>2,n=0;r:for(;;){ var n,s,o=0==(0|s);do if(!o){ if(0!=(0|Se[t+2]))break;var
l=Se[Se[t+1]>>>2];if(29==(0|l)||30==(0|l)){ f=9;break
r} if(22==(0|l)||23==(0|l)||24==(0|l)||28==(0|l)||31==(0|l)||32==(0|l)||37==(0|l)){ var b=Se[_+1];f=12;break r} var
s=Se[t],t=s>>>2,n=1;continue r} while(0);if(0!=(0|Se[a+4>>>2])&0==(0|n)){ f=9;break } var
k=0,u=r+4|0,v=u>>>2;f=22;break } do if(9==f){ var c=Se[_+1];if(0==(0|c)){ f=17;break } var
h=Se[_+2];if(0==(0|h)){ var d=c;f=13;break } var w=Ae[c+(h-
1)|0];if(w<<<24>>>24==40||w<<<24>>>24==42){ f=18;break } var b=c;f=12;break } while(0);do if(12==f){ var
b;if(0==(0|b)){ f=17;break } var d=b;f=13;break } while(0);do if(13==f){ var
d,p=r+8|0,E=Me[p>>>2];if(0!=(0|E)&&Ae[d+(E-
1)|0]<<<24>>>24==32){ f=18;break }if(E>>>>0>=Me[_+3]>>>>0){ f=17;break }Se[p>>>2]=E+1|0,Ae[d+E|0]=32,f=18;bre
ak } while(0);do if(17==f){ Y(r,32),f=18;break } while(0);r:do if(18==f){ var A=r+4|0,g=Me[A>>>2],y=0==(0|g);do
if(!y){ var m=r+8|0,S=Me[m>>>2];if(S>>>>0>=Me[_+3]>>>>0)break;Se[m>>>2]=S+1|0,Ae[g+S|0]=40;var
k=1,u=A,v=u>>>2;break r} while(0);Y(r,40);var k=1,u=A,v=u>>>2} while(0);var
u,k,i=(r+20|0)>>>2,M=Se[i];Se[i]=0,vr(r,e,0);r:do if(k){ var C=Me[v],R=0==(0|C);do if(!R){ var
T=r+8|0,O=Me[T>>>2];if(O>>>>0>=Me[_+3]>>>>0)break;Se[T>>>2]=O+1|0,Ae[C+O|0]=41;break
r} while(0);Y(r,41)} while(0);var N=Me[v],I=0==(0|N);do {if(!I){ var
P=r+8|0,D=Me[P>>>2];if(D>>>>0>=Me[_+3]>>>>0){ f=30;break }Se[P>>>2]=D+1|0,Ae[N+D|0]=40,f=31;break }f=30}
while(0);30==f&&Y(r,40);var L=Se[a+8>>>2];0!=(0|L)&&H(r,L);var F=Me[v],X=0==(0|F);do {if(!X){ var
j=r+8|0,U=Me[j>>>2];if(U>>>>0>=Me[_+3]>>>>0){ f=36;break }Se[j>>>2]=U+1|0,Ae[F+U|0]=41,f=37;break }f=36} wh

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ile(0);36==f&&Y(r,41),vr(r,e,1),Se[i]=M}function ar(r,a,e){var i,v,t,f=r>>2,==0==(0)e;do{if(!_){var
s=e,v=s>>2;r:for(;;){var s;if(0==(0)s){var n=1;t=14;break}if(0==(0)Se[v+2])){var
o=36==(0)Se[Se[v+1]>>2]),l=1&o^1;if(o){var n=1;t=14;break}var b=r+4|0,k=Me[b>>2],u=0==(0)k;do{if(!u){var
i=(r+8|0)>>2,c=Me[i];if((c+2|0)>>>0>Me[f+3]>>>0){t=9;break}var
h=k+c|0;oe=10272,Ae[h]=255&oe,oe>>=8,Ae[h+1]=255&oe;var
d=Se[i]+2|0;Se[i]=d,vr(r,e,0),t=10;break}t=9}while(0);9==t&&(Q(r,0)He.__str140,2),vr(r,e,0));var
w=Me[b>>2],p=0==(0)w;do if(!p){var
E=r+8|0,A=Me[E>>2];if(A>>>0>=Me[f+3]>>>0)break;Se[E>>2]=A+1|0,Ae[w+A|0]=41;var g=1;t=15;break
r}while(0);Y(r,41);var g=1;t=15;break}var s=Se[v],v=s>>2}if(14==t){var n;vr(r,e,0);var g=n}var
g;if(0!=(0)g){t=17;break}var y=r+4|0;t=21;break}t=17}while(0);r:do if(17==t){var
m=r+4|0,S=Me[m>>2],M=0==(0)S;do if(!M){var
C=r+8|0,R=Me[C>>2];if(R>>>0>=Me[f+3]>>>0)break;Se[C>>2]=R+1|0,Ae[S+R|0]=32;var y=m;break
r}while(0);Y(r,32);var y=m}while(0);var y,T=Me[y>>2],O=0==(0)T;do{if(!O){var
N=r+8|0,I=Me[N>>2];if(I>>>0>=Me[f+3]>>>0){t=24;break}Se[N>>2]=I+1|0,Ae[T+I|0]=91,t=25;break}t=24}whil
e(0);24==t&&Y(r,91);var P=Se[a+4>>2];0!=(0)P&&H(r,P);var D=Me[y>>2],L=0==(0)D;do{if(!L){var
F=r+8|0,X=Me[F>>2];if(X>>>0>=Me[f+3]>>>0){t=30;break}Se[F>>2]=X+1|0,Ae[D+X|0]=93,t=31;break}t=30}w
hile(0);30==t&&Y(r,93)}function er(r,a){var e,i,v,t,f,_,s=Oe;Oe+=8;var
n,o=s,_(a+4|0)>>2,l=Se[_];if(4==(0)Se[l>>2])){var f=(r+20|0)>>2,b=Se[f];Se[f]=0;var
t=(r+16|0)>>2,k=Se[t],u=0|o;Se[u>>2]=k,Se[t]=o;var c=Se[_];Se[o+4>>2]=c;var h=Se[c+4>>2];H(r,h);var
d=Se[u>>2];Se[t]=d;var v=(r+4|0)>>2,w=Me[v],p=0==(0)w;do{if(!p){var i=(r+8|0)>>2,E=Me[i],A=0==(0)E;do
if(!A){if(Ae[w+(E-
1)|0]<<24>>24!=60)break;E>>>0<Me[r+12>>2]>>>0?(Se[i]=E+1|0,Ae[w+E|0]=32):Y(r,32)}while(0);var
g=Me[v];if(0==(0)g){n=12;break}var
y=Me[i];if(y>>>0>=Me[r+12>>2]>>>0){n=12;break}Se[i]=y+1|0,Ae[g+y|0]=60,n=13;break}n=12}while(0);12==n
&&Y(r,60);var m=Se[Se[_]+8>>2];H(r,m);var S=Me[v],M=0==(0)S;do{if(!M){var
e=(r+8|0)>>2,C=Me[e],R=0==(0)C;do if(!R){if(Ae[S+(C-
1)|0]<<24>>24!=62)break;C>>>0<Me[r+12>>2]>>>0?(Se[e]=C+1|0,Ae[S+C|0]=32):Y(r,32)}while(0);var
T=Me[v];if(0==(0)T){n=22;break}var
O=Me[e];if(O>>>0>=Me[r+12>>2]>>>0){n=22;break}Se[e]=O+1|0,Ae[T+O|0]=62,n=23;break}n=22}while(0);22
==n&&Y(r,62),Se[f]=b}else H(r,l);Oe=s}function ir(r,a){var e,i=40==(0)Se[a>>2];r:do if(i){var
v=Me[r+4>>2],t=0==(0)v;do{if(!t){var
e=(r+8|0)>>2,f=Me[e],_=a+4|0,s=Me[_>>2],n=Me[s+8>>2];if((n+f|0)>>>0>Me[r+12>>2]>>>0){var
o=s,l=n;break}var b=v+f|0,k=Se[s+4>>2];Pa(b,k,n,1);var u=Se[e]+Se[Se[_>>2]+8>>2]|0;Se[e]=u;break r}var
c=Me[a+4>>2],o=c,l=Se[c+8>>2]}while(0);var l,o,h=Se[o+4>>2];Q(r,h,l)}else H(r,a);while(0)}function
vr(r,a,e){var i,v,t,f,_,f=(r+4|0)>>2,s=0==(0)e,t=(r+16|0)>>2;r:do if(s)for(var n=a;;){var n;if(0==(0)n){_=29;break
r}if(0==(0)Se[f])}{_=29;break r}var o=n+8|0,l=0==(0)Se[o>>2]);do if(l){var b=n+4|0;if((Se[Se[b>>2]>>2]-
25|0)>>>0<3)break;Se[o>>2]=1;var k=Me[t],u=Se[n+12>>2];Se[t]=u;var
c=Me[b>>2],h=Se[c>>2];if(35==(0)h){var d=n,w=k,p=c;_=14;break r}if(36==(0)h){var E=n,A=k,g=c;_=15;break
r}if(2==(0)h){var y=k,m=b;_=16;break r}$(r,c),Se[t]=k}while(0);var n=Se[n>>2]}else for(var S=a;;){var
S;if(0==(0)S){_=29;break r}if(0==(0)Se[f])}{_=29;break r}var M=S+8|0;if(0==(0)Se[M>>2])){Se[M>>2]=1;var
C=Me[t],R=Se[S+12>>2];Se[t]=R;var T=S+4|0,O=Me[T>>2],N=Se[O>>2];if(35==(0)N){var
d=S,w=C,p=O;_=14;break r}if(36==(0)N){var E=S,A=C,g=O;_=15;break r}if(2==(0)N){var
y=C,m=T;_=16;break r}$(r,O),Se[t]=C}var S=Se[S>>2]}while(0);if(14==_){var
p,w,d,I=Se[d>>2];rr(r,p,I),Se[t]=w}else if(15==_){var g,A,E,P=Se[E>>2];ar(r,g,P),Se[t]=A}else if(16==_){var
m,y,v=(r+20|0)>>2,D=Se[v];Se[v]=0;var L=Se[Se[m>>2]+4>>2];H(r,L),Se[v]=D;var
F=0==(0)4&Se[r>>2]|0,X=Me[f],j=0!=(0)X;r:do if(F){do if(j){var
i=(r+8|0)>>2,U=Me[i];if((U+2|0)>>>0>Me[r+12>>2]>>>0)break;var
x=X+U|0;oe=14906,Ae[x]=255&oe,oe>>=8,Ae[x+1]=255&oe;var z=Se[i]+2|0;Se[i]=z;break

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r}while(0);Q(r,0|He.__str120,2)}else{do if(j){var
V=r+8|0,B=Me[V>>2];if(B>>>0>=Me[r+12>>2]>>>0)break;Se[V>>2]=B+1|0,Ae[X+B|0]=46;break
r}while(0);Y(r,46)}while(0);var K=Me[Se[m>>2]+8>>2],G=(Se[K>>2]-25|0)>>>0<3;r:do if(G)for(var W=K;){var
W,Z=Me[W+4>>2];if((Se[Z>>2]-25|0)>>>0>=3){var q=Z;break r}var W=Z}else var q=K;while(0);var
q;H(r,q),Se[t]=y}}function tr(r,a){var e,e=(r+4|0)>>2,i=Se[e],v=0==(0|i);r:do if(!v){for(var
t=Se[r+8>>2]+a|0,f=r+12|0,_=Se[f>>2],s=i;){var s,_;if(t>>>0<=_>>>0)break r;var
n=_<<1,o=fa(s,n);if(0==(0|o))break;Se[e]=o,Se[f>>2]=n;var _=n,s=o}var
l=Se[e];va(1),Se[e]=0,Se[r+24>>2]=1}while(0)}function fr(r,a,e){var i,v=J(r),i=v>>2;return
0!=(0|v)&&(Se[i]=21,Se[i+1]=a,Se[i+2]=e),v}function _r(r){var
a,a=(r+12|0)>>2,e=Se[a],i=Ae[e]<<24>>24;if(88==(0|i)){var v=e+1|0;Se[a]=v;var
t=nr(r),f=Se[a],_=f+1|0;Se[a]=_;var s=Ae[f]<<24>>24==69?t:0,n=s}else if(76==(0|i))var o=or(r),n=o;else var
l=N(r),n=l;var n;return n}function sr(r){var a,a=(r+12|0)>>2,e=Se[a],i=Ae[e];if(i<<24>>24==110){var
v=e+1|0;Se[a]=v;var t=1,f=Ae[v],_=v}else var t=0,f=i,_=e;var _,f,t,s=(f-48&255&255)<10;r:do if(s)for(var
n=f,o=0,l=;){var l,o,n,b=(n<<24>>24)-48+10*o|0,k=l+1|0;Se[a]=k;var u=ge[k];if((u-48&255&255)>=10){var
c=b;break r}var n=u,o=b,l=k}else var c=0;while(0);var c,h=0==(0|t)?c:0|c;return h}function nr(r){var
a,e,a=(r+12|0)>>2,i=Se[a],v=Ae[i];do{if(v<<24>>24==76){var t=or(r),f=t;e=21;break}if(v<<24>>24==84){var
_x(r),f=_;e=21;break}if(v<<24>>24==115){if(Ae[i+1|0]<<24>>24!=114){e=8;break}var s=i+2|0;Se[a]=s;var
n=N(r),o=br(r);if(Ae[Se[a]]<<24>>24==73){var l=z(r),b=D(r,4,o,l),k=D(r,1,n,b),f=k;e=21;break}var
u=D(r,1,n,o),f=u;e=21;break}e=8}while(0);r:do if(8==e){var c=kr(r);if(0==(0|c)){var f=0;break}var
h=0|c,d=Se[h>>2],w=40==(0|d);do{if(w){var p=c+4|0,E=r+48|0,A=Se[Se[p>>2]+8>>2]-
2+Se[E>>2]|0;Se[E>>2]=A;var g=Se[h>>2];if(40!=(0|g)){var y=g;e=13;break}var
m=Se[p>>2],S=Se[m>>2],M=Da(S,0|He.__str90);if(0!=(0|M)){var C=m;e=15;break}var
R=N(r),T=D(r,43,c,R),f=T;break r}var y=d;e=13}while(0);do if(13==e){var y;if(40==(0|y)){var
C=Se[c+4>>2];e=15;break}if(41==(0|y)){var O=c+4|0;e=17;break}if(42==(0|y)){e=18;break}var f=0;break
r}while(0);do if(15==e){var C,O=C+12|0;e=17;break}while(0);do if(17==e){var
O,I=Se[O>>2];if(1==(0|I))break;if(2==(0|I)){var P=nr(r),L=nr(r),F=D(r,45,P,L),X=D(r,44,c,F);return
X}if(3==(0|I)){var j=nr(r),U=nr(r),V=nr(r),B=D(r,48,U,V),H=D(r,47,j,B),K=D(r,46,c,H);return K}var f=0;break
r}while(0);var Y=nr(r),G=D(r,43,c,Y);return G}while(0);var f;return f}function or(r){var
a,a=(r+12|0)>>2,e=Se[a],i=e+1|0;Se[a]=i;var v=Ae[e]<<24>>24==76;r:do if(v){if(Ae[i]<<24>>24==95)var
t=T(r,0),f=t;else{var _=N(r);if(0==(0|_)){var s=0;break}var n=33==(0|Se[_>>2]);do if(n){var
o=Se[_+4>>2];if(0==(0|Se[o+16>>2]))break;var l=r+48|0,b=Se[l>>2]-Se[o+4>>2]|0;Se[l>>2]=b}while(0);var
k=Se[a];if(Ae[k]<<24>>24==110){var u=k+1|0;Se[a]=u;var c=50,h=u}else var c=49,h=k;for(var h,c,d=h;){var
d,w=Ae[d];if(w<<24>>24==69)break;if(w<<24>>24==0){var s=0;break r}var p=d+1|0;Se[a]=p;var d=p}var
E=lr(r,h,d-h|0),A=D(r,c,_,E),f=A}var f,g=Se[a],y=g+1|0;Se[a]=y;var m=Ae[g]<<24>>24==69?f:0,s=m}else var
s=0;while(0);var s;return s}function lr(r,a,e){var i=J(r),v=m(i,a,e),t=0==(0|v)?0:i;return t}function br(r){var
a=r+12|0,e=Me[a>>2],i=ge[e],v=(i-48&255&255)<10;do if(v)var t=L(r),f=t;else if((i-97&255&255)<26){var
_=kr(r);if(0==(0|_)){var f=0;break}if(40!=(0|Se[_>>2])){var f=_;break}var
s=r+48|0,n=Se[Se[_+4>>2]+8>>2]+Se[s>>2]+7|0;Se[s>>2]=n;var f=_}else
if(i<<24>>24==67||i<<24>>24==68)var o=hr(r),f=o;else{if(i<<24>>24!=76){var f=0;break}Se[a>>2]=e+1|0;var
l=L(r);if(0==(0|l)){var f=0;break}var b=dr(r),k=0==(0|b)?0:l,f=k}while(0);var f;return f}function kr(r){var
a,e,a=(r+12|0)>>2,i=Se[a],v=i+1|0;Se[a]=v;var t=ge[i],f=i+2|0;Se[a]=f;var _=ge[v];do{if(t<<24>>24==118){if((
-48&255&255)>=10){var s=49,n=0;e=6;break}var o=(_<<24>>24)-
48|0,l=L(r),b=ur(r,o,l),k=b;e=14;break}if(t<<24>>24==99){if(_<<24>>24!=118){var s=49,n=0;e=6;break}var
u=N(r),c=D(r,42,u,0),k=c;e=14;break}var s=49,n=0;e=6}while(0);r:do if(6==e){for(;;){var n,s,h=(s-
n)/2+n|0,d=(h<<4)+ri|0,w=Se[d>>2],p=Ae[w],E=t<<24>>24==p<<24>>24;if(E&&_<<24>>24==Ae[w+1|0]<<24>>
24)break;var A=t<<24>>24<p<<24>>24;do if(A)var
g=h,y=n;else{if(E&&_<<24>>24<Ae[w+1|0]<<24>>24){var g=h,y=n;break}var g=s,y=h+1|0}while(0);var
y,g;if((0|y)==(0|g)){var k=0;break r}var s=g,n=y}var m=cr(r,d),k=m}while(0);var k;return k}function ur(r,a,e){var

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i=J(r),v=S(i,a,e),t=0==(0|v)?0:i;return t}function cr(r,a){var e=J(r);return
0!=(0|e)&&(Se[e>>2]=40,Se[e+4>>2]=a),e}function hr(r){var a,e,i=Se[r+44>>2],e=i>>2,v=0==(0|i);do if(!v){var
t=Se[e];if(0==(0|t)){var f=r+48|0,Se[f>>2]+Se[e+2]|0;Se[f>>2]=_}else{if(21!=(0|t))break;var
s=r+48|0,n=Se[s>>2]+Se[e+2]|0;Se[s>>2]=n}}while(0);var a=(r+12|0)>>2,o=Se[a],l=o+1|0;Se[a]=l;var
b=Ae[o]<<24>>24;do if(67==(0|b)){var k=o+2|0;Se[a]=k;var u=Ae[l]<<24>>24;if(49==(0|u))var c=1;else
if(50==(0|u))var c=2;else{if(51!=(0|u)){var h=0;break}var c=3}var c,d=wr(r,c,i),h=d}else if(68==(0|b)){var
w=o+2|0;Se[a]=w;var p=Ae[l]<<24>>24;if(48==(0|p))var E=1;else if(49==(0|p))var E=2;else{if(50!=(0|p)){var
h=0;break}var E=3}var E,A=pr(r,E,i),h=A}else var h=0;while(0);var h;return h}function dr(r){var
a=r+12|0,e=Se[a>>2];if(Ae[e]<<24>>24==95){var i=e+1|0;Se[a>>2]=i;var v=sr(r),t=v>>>31^1}else var t=1;var
t;return t}function wr(r,a,e){var i=J(r),v=M(i,a,e),t=0==(0|v)?0:i;return t}function pr(r,a,e){var
i=J(r),v=C(i,a,e),t=0==(0|v)?0:i;return t}function Er(r,a){var e=J(r);return
0!=(0|e)&&(Se[e>>2]=5,Se[e+4>>2]=a),e}function Ar(r){var a,a=(r+12|0)>>2,e=Se[a],i=Ae[e]<<24>>24;do
if(78==(0|i))var v=gr(r),t=v;else if(90==(0|i))var f=yr(r),t=f;else if(76==(0|i))var _=br(r),t=_;else
if(83==(0|i)){if(Ae[e+1|0]<<24>>24==116){var s=e+2|0;Se[a]=s;var
n=lr(r,0|He.__str152,3),o=br(r),l=D(r,1,n,o),b=r+48|0,k=Se[b>>2]+3|0;Se[b>>2]=k;var u=0,c=1}else var
h=V(r,0),u=1,c=h;var c,u;if(Ae[Se[a]]<<24>>24!=73){var t=c;break}if(0==(0|u)){var d=R(r,c);if(0==(0|d)){var
t=0;break}}var w=z(r),p=D(r,4,c,w),t=p}else{var E=br(r);if(Ae[Se[a]]<<24>>24!=73){var t=E;break}var
A=R(r,E);if(0==(0|A)){var t=0;break}var g=z(r),y=D(r,4,E,g),t=y}while(0);var t;return t}function gr(r){var
a,e=Oe;Oe+=4;var i=e,a=(r+12|0)>>2,v=Se[a],t=v+1|0;Se[a]=t;var f=Ae[v]<<24>>24==78;do if(f){var
_=I(r,i,1);if(0==(0|_)){var s=0;break}var n=mr(r);if(Se[_>>2]=n,0==(0|n)){var s=0;break}var
o=Se[a],l=o+1|0;if(Se[a]=l,Ae[o]<<24>>24!=69){var s=0;break}var s=Se[i>>2]}else var s=0;while(0);var s;return
Oe=e,s}function yr(r){var a,a=(r+12|0)>>2,e=Se[a],i=e+1|0;Se[a]=i;var v=Ae[e]<<24>>24==90;do if(v){var
t=O(r,0),f=Se[a],_=f+1|0;if(Se[a]=_,Ae[f]<<24>>24!=69){var s=0;break}if(Ae[_]<<24>>24==115){var
n=f+2|0;Se[a]=n;var o=dr(r);if(0==(0|o)){var s=0;break}var l=lr(r,0|He.__str168,14),b=D(r,2,t,l),s=b}else{var
k=Ar(r),u=dr(r);if(0==(0|u)){var s=0;break}var c=D(r,2,t,k),s=c}}else var s=0;while(0);var s;return s}function
mr(r){var a,e=r+12|0,i=0;r:for(;;){var i,v=ge[Se[e>>2]];if(v<<24>>24==0){var t=0;break}var f=(v-
48&255&255)<10|(v-
97&255&255)<26;do{if(!f){if(v<<24>>24==76||v<<24>>24==68||v<<24>>24==67){a=5;break}if(v<<24>>24==8
3){var _=V(r,1),s=_;a=10;break}if(v<<24>>24==73){if(0==(0|i)){var t=0;break}var
n=z(r),o=4,l=n;a=11;break}if(v<<24>>24==84){var b=x(r),s=b;a=10;break}if(v<<24>>24==69){var t=i;break
r}var t=0;break r}a=5}while(0);do if(5==a){var k=br(r),s=k;a=10;break}while(0);do if(10==a){var
s;if(0==(0|i)){var u=s;a=12;break}var o=1,l=s;a=11;break}while(0);if(11==a)var l,o,c=D(r,o,i,l),u=c;var
u;if(v<<24>>24!=83)if(Ae[Se[e>>2]]<<24>>24!=69){var h=R(r,u);if(0==(0|h)){var t=0;break}var i=u}else var
i=u;else var i=u}var t;return t}function Sr(r,a){var e,i,v=Oe;Oe+=4;var
t=v,i=t>>2,e=(r+12|0)>>2,f=Se[e];if(Ae[f]<<24>>24==74){var _=f+1|0;Se[e]=_;var s=1}else var s=a;var
s;Se[i]=0;var n=s,o=0,l=t;r:for(;;)for(var l,o,n,b=n,k=o;;){var
k,b,u=Ae[Se[e]];if(u<<24>>24==0||u<<24>>24==69){var c=Se[i];if(0==(0|c)){var h=0;break r}var
d=0==(0|Se[c+8>>2]);do if(d){var w=Se[c+4>>2];if(33!=(0|Se[w>>2])){var p=c;break}var
E=Se[w+4>>2];if(9!=(0|Se[E+16>>2])){var p=c;break}var A=r+48|0,g=Se[A>>2]-
Se[E+4>>2]|0;Se[A>>2]=g,Se[i]=0;var p=0}else var p=c;while(0);var p,y=D(r,35,k,p),h=y;break r}var
m=N(r);if(0==(0|m)){var h=0;break r}if(0==(0|b)){var S=D(r,38,m,0);if(Se[l>>2]=S,0==(0|S)){var h=0;break r}var
n=0,o=k,l=S+8|0;continue r}var b=0,k=m}var h;return Oe=v,h}function Mr(r){for(var a=r;;){var a;if(0==(0|a)){var
e=0;break}var i=Se[a>>2];if(1!=(0|i)&&2!=(0|i)){if(6==(0|i)||7==(0|i)||42==(0|i)){var e=1;break}var e=0;break}var
a=Se[a+8>>2]}var e;return e}function Cr(r){var
a=r>>2;Se[a+3]=0,Se[a+2]=0,Se[a+1]=0,Se[a]=0,Se[a+4]=0}function Rr(r,a){var
e,e=(r+12|0)>>2,i=Se[e],v=(Se[r+4>>2]-i|0)<(0|a);r:do if(v)var t=0;else{var f=i+a|0;Se[e]=f;var
_=0==(4&Se[r+8>>2]|0);do if(!_){if(Ae[f]<<24>>24!=36)break;var s=a+(i+1)|0;Se[e]=s}while(0);var n=(0|a)>9;do
if(n){var o=La(i,0|He.__str117,8);if(0!=(0|o))break;var

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l=Ae[i+8|0];if(1<<24>>24!=46&&1<<24>>24!=95&&1<<24>>24!=36)break;if(Ae[i+9|0]<<24>>24!=78)break;var
b=r+48|0,k=22-a+Se[b>>2]|0;Se[b>>2]=k;var u=lr(r,0|He.__str169,21),t=u;break r}while(0);var
c=lr(r,i,a),t=c}while(0);var t;return t}function Tr(r){var a,e,e=(r+48|0)>>2,i=Se[e],v=i+20|0;Se[e]=v;var
a=(r+12|0)>>2,t=Se[a],f=t+1|0;Se[a]=f;var _=Ae[t];do if(_<<24>>24==84){var s=t+2|0;Se[a]=s;var
n=Ae[f]<<24>>24;if(86==(0|n)){var o=i+15|0;Se[e]=o;var l=N(r),b=D(r,8,1,0),k=b}else if(84==(0|n)){var
u=i+10|0;Se[e]=u;var c=N(r),h=D(r,9,c,0),k=h}else if(73==(0|n))var d=N(r),w=D(r,11,d,0),k=w;else
if(83==(0|n))var p=N(r),E=D(r,12,p,0),k=E;else if(104==(0|n)){var A=Nr(r,104);if(0==(0|A)){var k=0;break}var
g=O(r,0),y=D(r,14,g,0),k=y}else if(118==(0|n)){var m=Nr(r,118);if(0==(0|m)){var k=0;break}var
S=O(r,0),M=D(r,15,S,0),k=M}else if(99==(0|n)){var C=Nr(r,0);if(0==(0|C)){var k=0;break}var
R=Nr(r,0);if(0==(0|R)){var k=0;break}var T=O(r,0),I=D(r,16,T,0),k=I}else if(67==(0|n)){var
P=N(r),L=sr(r);if((0|L)<0){var k=0;break}var F=Se[a],X=F+1|0;if(Se[a]=X,Ae[F]<<24>>24!=95){var
k=0;break}var j=N(r),U=Se[e]+5|0;Se[e]=U;var x=D(r,10,j,P),k=x}else if(70==(0|n))var
z=N(r),V=D(r,13,z,0),k=V;else{if(74!=(0|n)){var k=0;break}var B=N(r),H=D(r,17,B,0),k=H}else
if(_<<24>>24==71){var K=t+2|0;Se[a]=K;var Y=Ae[f]<<24>>24;if(86==(0|Y))var
G=Ar(r),W=D(r,18,G,0),k=W;else if(82==(0|Y))var Z=Ar(r),Q=D(r,19,Z,0),k=Q;else{if(65!=(0|Y)){var
k=0;break}var q=O(r,0),$=D(r,20,q,0),k=$}}else var k=0;while(0);var k;return k}function Or(r){for(var
a,e,r,a=e>>2;){var e;if(0==(0|e)){var i=0;break}var v=Se[a];if(4==(0|v)){var
t=Se[a+1],f=Mr(t),i=0==(0|f)&1;break}if(25!=(0|v)&&26!=(0|v)&&27!=(0|v)){var i=0;break}var
e=Se[a+1],a=e>>2}var i;return i}function Nr(r,a){var e;if(0==(0|a)){var
i=r+12|0,v=Se[i>>2],t=v+1|0;Se[i>>2]=t;var f=Ae[v]<<24>>24}else var f=a;var f;do{if(104==(0|f)){var
_=(sr(r),r+12|0);e=7;break}if(118==(0|f)){var
s=(sr(r),r+12|0),n=Se[s>>2],o=n+1|0;if(Se[s>>2]=o,Ae[n]<<24>>24!=95){var l=0;e=8;break}var
_=(sr(r),s);e=7;break}var l=0;e=8}while(0);if(7==e){var _,b=Se[_>>2],k=b+1|0;Se[_>>2]=k;var
l=Ae[b]<<24>>24==95&1}var l;return l}function Ir(r){var a,e,i=r>>2,v=Oe;Oe+=56;var
t,f=v,_=v+8,s=v+16,n=v+36,e=(0|r)>>2,o=Se[e],l=0==(8192&o|0);r:do{if(l){var
a=(r+12|0)>>2,b=Se[a];if(Ae[b]<<24>>24!=63){var k=0;t=111;break}var u=b+1|0;Se[a]=u;var c=Ae[u];do
if(c<<24>>24==63){if(Ae[b+2|0]<<24>>24==36){var h=b+3|0;if(Ae[h]<<24>>24!=63){var
d=5;t=90;break}Se[a]=h;var w=6,p=h}else var w=0,p=u;var p,w,E=p+1|0;Se[a]=E;var A=Ae[E]<<24>>24;do
if(48==(0|A)){var g=1;t=81}else{if(49==(0|A)){var g=2;t=81;break}if(50!=(0|A)){if(51==(0|A)){var
y=0|He.__str2172,m=E;t=82;break}if(52==(0|A)){var y=0|He.__str3173,m=E;t=82;break}if(53==(0|A)){var
y=0|He.__str4174,m=E;t=82;break}if(54==(0|A)){var y=0|He.__str5175,m=E;t=82;break}if(55==(0|A)){var
y=0|He.__str6176,m=E;t=82;break}if(56==(0|A)){var y=0|He.__str7177,m=E;t=82;break}if(57==(0|A)){var
y=0|He.__str8178,m=E;t=82;break}if(65==(0|A)){var
y=0|He.__str9179,m=E;t=82;break}if(66==(0|A)){Se[a]=p+2|0;var
S=0|He.__str10180,M=3;t=88;break}if(67==(0|A)){var y=0|He.__str11181,m=E;t=82;break}if(68==(0|A)){var
y=0|He.__str12182,m=E;t=82;break}if(69==(0|A)){var y=0|He.__str13183,m=E;t=82;break}if(70==(0|A)){var
y=0|He.__str14184,m=E;t=82;break}if(71==(0|A)){var y=0|He.__str15185,m=E;t=82;break}if(72==(0|A)){var
y=0|He.__str16186,m=E;t=82;break}if(73==(0|A)){var y=0|He.__str17187,m=E;t=82;break}if(74==(0|A)){var
y=0|He.__str18188,m=E;t=82;break}if(75==(0|A)){var y=0|He.__str19189,m=E;t=82;break}if(76==(0|A)){var
y=0|He.__str20190,m=E;t=82;break}if(77==(0|A)){var y=0|He.__str21191,m=E;t=82;break}if(78==(0|A)){var
y=0|He.__str22192,m=E;t=82;break}if(79==(0|A)){var y=0|He.__str23193,m=E;t=82;break}if(80==(0|A)){var
y=0|He.__str24194,m=E;t=82;break}if(81==(0|A)){var y=0|He.__str25195,m=E;t=82;break}if(82==(0|A)){var
y=0|He.__str26196,m=E;t=82;break}if(83==(0|A)){var y=0|He.__str27197,m=E;t=82;break}if(84==(0|A)){var
y=0|He.__str28198,m=E;t=82;break}if(85==(0|A)){var y=0|He.__str29199,m=E;t=82;break}if(86==(0|A)){var
y=0|He.__str30200,m=E;t=82;break}if(87==(0|A)){var y=0|He.__str31201,m=E;t=82;break}if(88==(0|A)){var
y=0|He.__str32202,m=E;t=82;break}if(89==(0|A)){var y=0|He.__str33203,m=E;t=82;break}if(90==(0|A)){var
y=0|He.__str34204,m=E;t=82;break}if(95==(0|A)){var C=p+2|0;Se[a]=C;var
R=Ae[C]<<24>>24;if(48==(0|R)){var y=0|He.__str35205,m=C;t=82;break}if(49==(0|R)){var
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y=0|He.__str36206,m=C;t=82;break}if(50==(0|R)){var y=0|He.__str37207,m=C;t=82;break}if(51==(0|R)){var
y=0|He.__str38208,m=C;t=82;break}if(52==(0|R)){var y=0|He.__str39209,m=C;t=82;break}if(53==(0|R)){var
y=0|He.__str40210,m=C;t=82;break}if(54==(0|R)){var y=0|He.__str41211,m=C;t=82;break}if(55==(0|R)){var
y=0|He.__str42212,m=C;t=82;break}if(56==(0|R)){var y=0|He.__str43213,m=C;t=82;break}if(57==(0|R)){var
y=0|He.__str44214,m=C;t=82;break}if(65==(0|R)){var y=0|He.__str45215,m=C;t=82;break}if(66==(0|R)){var
y=0|He.__str46216,m=C;t=82;break}if(67==(0|R)){Se[a]=p+3|0;var
T=0|He.__str47217;t=84;break}if(68==(0|R)){var y=0|He.__str48218,m=C;t=82;break}if(69==(0|R)){var
y=0|He.__str49219,m=C;t=82;break}if(70==(0|R)){var y=0|He.__str50220,m=C;t=82;break}if(71==(0|R)){var
y=0|He.__str51221,m=C;t=82;break}if(72==(0|R)){var y=0|He.__str52222,m=C;t=82;break}if(73==(0|R)){var
y=0|He.__str53223,m=C;t=82;break}if(74==(0|R)){var y=0|He.__str54224,m=C;t=82;break}if(75==(0|R)){var
y=0|He.__str55225,m=C;t=82;break}if(76==(0|R)){var y=0|He.__str56226,m=C;t=82;break}if(77==(0|R)){var
y=0|He.__str57227,m=C;t=82;break}if(78==(0|R)){var y=0|He.__str58228,m=C;t=82;break}if(79==(0|R)){var
y=0|He.__str59229,m=C;t=82;break}if(82==(0|R)){var O=4|o;Se[e]=O;var N=p+3|0;Se[a]=N;var
I=Ae[N]<<24>>24;if(48==(0|I)){Se[a]=p+4|0,Cr(s);var
P=(Pr(r,_,s,0),Se[_>>2]),D=Se[_+4>>2],L=Dr(r,0|He.__str60230,(ne=Oe,Oe+=8,Se[ne>>2]=P,Se[ne+4>>2]=D,ne)
),F=Se[a]-1|0;Se[a]=F;var y=L,m=F;t=82;break}if(49==(0|I)){Se[a]=p+4|0;var
X=Lr(r),j=Lr(r),U=Lr(r),x=Lr(r),z=Se[a]-1|0;Se[a]=z;var
V=Dr(r,0|He.__str61231,(ne=Oe,Oe+=16,Se[ne>>2]=X,Se[ne+4>>2]=j,Se[ne+8>>2]=U,Se[ne+12>>2]=x,ne)),y=V
,m=Se[a];t=82;break}if(50==(0|I)){var y=0|He.__str62232,m=N;t=82;break}if(51==(0|I)){var
y=0|He.__str63233,m=N;t=82;break}if(52==(0|I)){var y=0|He.__str64234,m=N;t=82;break}var
y=0,m=N;t=82;break}if(83==(0|R)){var y=0|He.__str65235,m=C;t=82;break}if(84==(0|R)){var
y=0|He.__str66236,m=C;t=82;break}if(85==(0|R)){var y=0|He.__str67237,m=C;t=82;break}if(86==(0|R)){var
y=0|He.__str68238,m=C;t=82;break}if(88==(0|R)){var y=0|He.__str69239,m=C;t=82;break}if(89==(0|R)){var
y=0|He.__str70240,m=C;t=82;break}var k=0;t=111;break}var k=0;t=111;break}var
y=0|He.__str1171,m=E;t=82}while(0);do{if(81==t){var g;Se[a]=p+2|0;var B=g;t=83;break}if(82==t){var
m,y;if(Se[a]=m+1|0,1==(0|w)||2==(0|w)){var B=w;t=83;break}if(4==(0|w)){var T=y;t=84;break}if(6!=(0|w)){var
S=y,M=w;t=88;break}Cr(n);var H=Xr(r,n,0,60,62);if(0==(0|H))var K=y;else var
Y=Dr(r,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=y,Se[ne+4>>2]=H,ne)),K=Y;var K;Se[i+6]=0;var
S=K,M=w;t=88;break}}while(0);if(83==t){var B,G=r+40|0,W=Fr(r,0|He.__symbol_demangle_dashed_null,-
1,G);if(0==(0|W)){var k=0;t=111;break}var d=B;t=90;break}if(84==t){var T;Se[i+4]=T;var
Z=1,Q=T;t=109;break}if(88==t){var M,S,q=r+40|0,$=Fr(r,S,-1,q);if(0==(0|$)){var k=0;t=111;break}var
d=M;t=90;break}}else{if(c<<24>>24==36){var J=b+2|0;Se[a]=J;var rr=jr(r);Se[i+4]=rr;var
ar=0!=(0|rr)&1;t=107;break}var d=0;t=90}while(0);if(90==t){var
d,er=Me[a],ir=Ae[er]<<24>>24;if(64==(0|ir))Se[a]=er+1|0;else if(36==(0|ir))t=93;else{var
vr=Zr(r);if(0==(0|vr)){var k=-1;t=111;break}}if(5==(0|d)){var tr=r+20|0,fr=Se[tr>>2]+1|0;Se[tr>>2]=fr}else
if(1==(0|d)||2==(0|d)){if(Me[i+11]>>>0<2){var k=-1;t=111;break}var
_r=r+56|0,sr=Me[_r>>2],nr=Se[sr+4>>2];if(1==(0|d))Se[sr>>2]=nr;else{var
or=Dr(r,0|He.__str71241,(ne=Oe,Oe+=4,Se[ne>>2]=nr,ne)),lr=Se[_r>>2];Se[lr>>2]=or}var
br=4|Se[e];Se[e]=br}else if(3==(0|d)){var kr=Se[e]&-5;Se[e]=kr}var ur=ge[Se[a]];if((ur-48&255&255)<10)var
cr=Vr(r),ar=cr;else if((ur-65&255&255)<26)var hr=Br(r,3==(0|d)&1),ar=hr;else{if(ur<<24>>24!=36){var k=-
1;t=111;break}var dr=Hr(r),ar=dr}}var ar;if(0==(0|ar)){var k=-1;t=111;break}var Z=ar,Q=Se[i+4];t=109;break}var
wr=Pr(r,f,0,0);if(0==(0|wr)){var k=-1;t=111;break}var
pr=Se[f>>2],Er=Se[f+4>>2],Ar=Dr(r,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=pr,Se[ne+4>>2]=Er,ne));Se[i+4]=A
r;var Z=1,Q=Ar;t=109;break}while(0);do if(109==t){var Q,Z;if(0!=(0|Q)){var
k=Z;break}Xa(0|He.__str72242,1499,0|He.__func__symbol_demangle,0|He.__str73243);var k=Z}while(0);var
k;return Oe=v,k}function Pr(r,a,e,i){var v,t,f,_=Oe;Oe+=24;var
s=_,n=_+4,o=_+8,l=_+16,b=_+20;0==(0|a)&&Xa(0|He.__str72242,829,0|He.__func__demangle_datatype,0|He.
__str121291);var f=(a+4|0)>>2;Se[f]=0;var t=(0|a)>>2;Se[t]=0;var v=(r+12|0)>>2,k=Me[v],u=k+1|0;Se[v]=u;var

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c=Ae[k],h=c<<24>>24;do if(95==(0|h)){Se[v]=k+2|0;var d=Ae[u],w=Zr(d);Se[t]=w}else
if(67==(0|h)||68==(0|h)||69==(0|h)||70==(0|h)||71==(0|h)||72==(0|h)||73==(0|h)||74==(0|h)||75==(0|h)||77==(0|h)||78=
=(0|h)||79==(0|h)||88==(0|h)||90==(0|h)){var p=Qr(c);Se[t]=p}else
if(84==(0|h)||85==(0|h)||86==(0|h)||89==(0|h)){var E=qr(r);if(0==(0|E))break;var A=0==(32768&Se[r]>>2|0);do
if(A)if(84==(0|h))var g=0|He.__str122292;else if(85==(0|h))var g=0|He.__str123293;else if(86==(0|h))var
g=0|He.__str124294;else {if(89!=(0|h)){var g=0;break}var g=0|He.__str125295} else var g=0;while(0);var
g,y=Dr(r,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=g,Se[ne+4>>2]=E,ne));Se[t]=y} else
if(63==(0|h))if(0==(0|i))$r(a,r,e,63,0);else {var m=Lr(r);if(0==(0|m))break;var
S=Dr(r,0|He.__str126296,(ne=Oe,Oe+=4,Se[ne>>2]=m,ne));Se[t]=S} else if(65==(0|h)||66==(0|h))$r(a,r,e,c,i);else
if(81==(0|h)||82==(0|h)||83==(0|h)){var M=0==(0|i)?80:c;$r(a,r,e,M,i)} else if(80==(0|h))if(((Ae[u]<<24>>24)-
48|0)>>>0<10){var C=k+2|0;if(Se[v]=C,Ae[u]<<24>>24!=54)break;var R=r+44|0,T=Se[R>>2];Se[v]=k+3|0;var
O=Ae[C],N=Se[r>>2]&&-17,I=Ur(O,s,n,N);if(0==(0|I))break;var P=Pr(r,o,e,0);if(0==(0|P))break;var
D=Xr(r,e,1,40,41);if(0==(0|D))break;Se[R>>2]=T;var
L=Se[o>>2],F=Se[o+4>>2],X=Se[s>>2],j=Dr(r,0|He.__str127297,(ne=Oe,Oe+=12,Se[ne>>2]=L,Se[ne+4>>2]=F,S
e[ne+8>>2]=X,ne));Se[t]=j;var U=Dr(r,0|He.__str128298,(ne=Oe,Oe+=4,Se[ne>>2]=D,ne));Se[f]=U} else
$r(a,r,e,80,i);else if(87==(0|h)){if(Ae[u]<<24>>24!=52)break;Se[v]=k+2|0;var
x=qr(r);if(0==(0|x))break;if(0==(32768&Se[r]>>2|0)){var
z=Dr(r,0|He.__str129299,(ne=Oe,Oe+=4,Se[ne>>2]=x,ne));Se[t]=z} else Se[t]=x} else
if(48==(0|h)||49==(0|h)||50==(0|h)||51==(0|h)||52==(0|h)||53==(0|h)||54==(0|h)||55==(0|h)||56==(0|h)||57==(0|h)){var
V=h<<1,B=V-96|0,H=Yr(e,B);Se[t]=H;var K=V-95|0,Y=Yr(e,K);Se[f]=Y} else if(36==(0|h)){var
G=k+2|0;Se[v]=G;var W=Ae[u]<<24>>24;if(48==(0|W)){var Z=Lr(r);Se[t]=Z} else if(68==(0|W)){var
Q=Lr(r);if(0==(0|Q))break;var q=Dr(r,0|He.__str130300,(ne=Oe,Oe+=4,Se[ne>>2]=Q,ne));Se[t]=q} else
if(70==(0|W)){var $=Lr(r);if(0==(0|$))break;var J=Lr(r);if(0==(0|J))break;var
rr=Dr(r,0|He.__str131301,(ne=Oe,Oe+=8,Se[ne>>2]=$,Se[ne+4>>2]=J,ne));Se[t]=rr} else if(71==(0|W)){var
ar=Lr(r);if(0==(0|ar))break;var er=Lr(r);if(0==(0|er))break;var ir=Lr(r);if(0==(0|ir))break;var
vr=Dr(r,0|He.__str132302,(ne=Oe,Oe+=12,Se[ne>>2]=ar,Se[ne+4>>2]=er,Se[ne+8>>2]=ir,ne));Se[t]=vr} else
if(81==(0|W)){var tr=Lr(r);if(0==(0|tr))break;var
fr=Dr(r,0|He.__str133303,(ne=Oe,Oe+=4,Se[ne>>2]=tr,ne));Se[t]=fr} else {if(36!=(0|W))break;if(Ae[G]<<24>>24!=
67)break;Se[v]=k+3|0;var _r=xr(r,l,b);if(0==(0|_r))break;var sr=Pr(r,a,e,i);if(0==(0|sr))break;var
nr=Se[t],or=Se[l>>2],lr=Dr(r,0|He.__str83253,(ne=Oe,Oe+=8,Se[ne>>2]=nr,Se[ne+4>>2]=or,ne));Se[t]=lr} } while(
0);var br=0!=(0|Se[t])&1;return Oe=_,br}function Dr(r,a){var e,i=Oe,Oe+=4;var
v=i,e=v>>2,t=v;Se[t>>2]=arguments[Dr.length];var f=1,_=0;r.for(,;){var
_,f,s=Ae[a+_|0];do {if(s<<24>>24==0)break r;if(s<<24>>24==37){var
n=_+1|0,o=Ae[a+n|0]<<24>>24;if(115==(0|o)){var l=Se[e],b=1,k=l+4|0;Se[e]=k;var u=Se[b>>2];if(0==(0|u)){var
c=f,h=n;break}var d=Ca(u),c=d+f|0,h=n;break}if(99==(0|o)){var w=Se[e]+4|0;Se[e]=w;var
c=f+1|0,h=n;break}if(37==(0|o))var p=n;else var p=_;var p,c=f+1|0,h=p} else var c=f+1|0,h=_} while(0);var
h,c,f=c,_=h+1|0}var E=W(r,f);if(0==(0|E))var A=0;else {Se[t>>2]=arguments[Dr.length];var g=E,y=0;r.for(,;){var
y,g,m=Ae[a+y|0];do {if(m<<24>>24==0)break r;if(m<<24>>24==37){var
S=y+1|0,M=Ae[a+S|0]<<24>>24;if(115==(0|M)){var C=Se[e],R=C,T=C+4|0;Se[e]=T;var
O=Se[R>>2];if(0==(0|O)){var N=g,I=S;break}var P=Ca(O);Pa(g,O,P,1);var N=g+P|0,I=S;break}if(99==(0|M)){var
D=Se[e],L=D,F=D+4|0;Se[e]=F,Ae[g]=255&Se[L>>2];var N=g+1|0,I=S;break}if(37==(0|M))var X=S;else var
X=y;var X;Ae[g]=37;var N=g+1|0,I=X} else {Ae[g]=m;var N=g+1|0,I=y} } while(0);var
I,N,g=N,y=I+1|0}Ae[g]=0;var A=E}var A;return Oe=i,A}function Lr(r){var
a,a=(r+12|0)>>2,e=Se[a],i=Ae[e];if(i<<24>>24==63){var v=e+1|0;Se[a]=v;var t=1,f=v,_=Ae[v]} else var
t=0,f=e,_=i;var _,f,t,s=(-48&255&255)<9;do if(s){var n=W(r,3),o=0!=(0|t);o&&(Ae[n]=45);var
l=Ae[Se[a]+1&255];Ae[n+t|0]=l;var b=o?2:1;_nAe[n+b|0]=0;var k=Se[a]+1|0;Se[a]=k;var u=n} else
if(_<<24>>24==57){var c=W(r,4),h=0!=(0|t);h&&(Ae[c]=45);Ae[c+t|0]=49;var d=h?2:1;Ae[c+d|0]=48;var
w=h?3:2;Ae[c+w|0]=0;var p=Se[a]+1|0;Se[a]=p;var u=c} else {if(_<-65&255&255)>=16){var u=0;break}for(var

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E=0,A=f;){ var A,E,g=A+1|0;Se[a]=g;var y=(Ae[A]<<24>>24)+(E<<4)-65)|0,m=ge[g];if((m-
65&255&255)>=16)break;var E=y,A=g }if(m<<24>>24!=64){ var u=0;break }var
S=W(r,17),M=0!==(0|t)?0|He.__str119289:0|ii,C=(za(S,0|He.__str118288,(ne=Oe,Oe+=8,Se[ne>>2]=M,Se[ne+4>>
2]=y,ne)),Se[a]+1|0);Se[a]=C;var u=S }while(0);var u;return u}function Fr(r,a,e,i){ var
v,t,f,_;0==(0|a)&&Xa(0|He.__str72242,212,0|He.__func__str_array_push,0|He.__str115285),0==(0|i)&&Xa(0|He
.__str72242,213,0|He.__func__str_array_push,0|He.__str116286);var
f=(i+12|0)>>2,s=Me[f],n=0==(0|s);do{ if(n){ Se[f]=32;var o=W(r,128);if(0==(0|o)){ var
l=0;_=17;break }Se[i+16>>2]=o, _=11;break }if(Me[i+8>>2]>>>0<s>>>0){ _=11;break }var
b=s<<3,k=W(r,b);if(0==(0|k)){ var l=0;_=17;break }var u=k,c=i+16|0,h=Se[c>>2],d=Se[f]<<2;Pa(k,h,d,1);var
w=Se[f]<<1;Se[f]=w,Se[c>>2]=u, _=11;break }while(0);do if(11==_) { if((0|e)==-1)var p=Ca(a),E=p;else var E=e;var
E,A=ja(a),g=E+1|0,y=W(r,g),t=(i+4|0)>>2,v=(i+16|0)>>2,m=(Se[t]<<2)+Se[v]|0;Se[m>>2]=y;var
S=Se[Se[v]+(Se[t]<<2)>>2];if(0==(0|S)){ Xa(0|He.__str72242,233,0|He.__func__str_array_push,0|He.__str11728
7);var M=Se[Se[v]+(Se[t]<<2)>>2]}else var M=S;var
M;Pa(M,A,E,1),va(A),Ae[Se[Se[v]+(Se[t]<<2)>>2]+g|0]=0;var C=Se[t]+1|0;Se[t]=C;var
R=i+8|0;if(C>>>0<Me[R>>2]>>>0){ var l=1;break }Se[R>>2]=C;var l=1 }while(0);var l;return l}function
Xr(r,a,e,i,v){ var t,f,_=Oe;Oe+=28;var s,n=_+8;Cr(o);var f=(r+12|0)>>2,l=0==(0|e),t=(0|n)>>2,b=n+4|0;r:do
if(l)for(;;){ var k=Se[f],u=Ae[k];if(u<<24>>24==0){ s=12;break r }if(u<<24>>24==64){ var c=k;s=7;break r }var
h=Pr(r,n,a,1);if(0==(0|h)){ var d=0;s=25;break r }var
w=Se[t],p=Se[b>>2],E=Dr(r,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=w,Se[ne+4>>2]=p,ne)),A=Fr(r,E,-
1,o);if(0==(0|A)){ var d=0;s=25;break r }var g=Se[t],y=Da(g,0|He.__str110280);if(0==(0|y)){ s=12;break r } }else
for(;;){ var m=Se[f],S=Ae[m];if(S<<24>>24==0){ s=12;break r }if(S<<24>>24==64){ var c=m;s=7;break r }var
M=Pr(r,n,a,1);if(0==(0|M)){ var d=0;s=25;break r }var C=Se[t],R=Da(C,0|He.__str84254);if(0==(0|R)){ s=13;break
r }var T=Se[b>>2],O=Dr(r,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=C,Se[ne+4>>2]=T,ne)),N=Fr(r,O,-
1,o);if(0==(0|N)){ var d=0;s=25;break r }var I=Se[t],P=Da(I,0|He.__str110280);if(0==(0|P)){ s=12;break
r } }while(0);do if(7==s){ var c;Se[f]=c+1|0,s=12;break }while(0);do
if(12==s){ if(l){ s=14;break }s=13;break }while(0);do if(13==s){ var
D=Se[f],L=D+1|0;if(Se[f]=L,Ae[D]<<24>>24==90){ s=14;break }var d=0;s=25;break }while(0);r:do if(14==s){ var
F=o+4|0,X=Me[F>>2];do{ if(0!=(0|X)){ if(1==(0|X)){ var
j=o+16|0,U=Se[Se[j>>2]>>2],x=Da(U,0|He.__str84254);if(0==(0|x)){ s=17;break }var z=j;s=20;break }var
V=o+16|0;if(X>>>0<=1){ var z=V;s=20;break }for(var B=0,H=1;;){ var
H,B,K=Se[Se[V>>2]+(H<<2)>>2],Y=Dr(r,0|He.__str112282,(ne=Oe,Oe+=8,Se[ne>>2]=B,Se[ne+4>>2]=K,ne)),G
=H+1|0;if(G>>>0>=Me[F>>2]>>>0)break;var B=Y,H=G }if(0==(0|Y)){ var z=V;s=20;break }var
W=Y,Z=Y;s=21;break }s=17 }while(0);if(17==s){ var
Q=i<<24>>24,q=v<<24>>24,$=Dr(r,0|He.__str111281,(ne=Oe,Oe+=8,Se[ne>>2]=Q,Se[ne+4>>2]=q,ne)),d=$;brea
k }if(20==s)var z,W=Se[Se[z>>2]>>2],Z=0;var Z,W,J=v<<24>>24,rr=v<<24>>24==62;do if(rr){ var
ar=Ca(W);if(Ae[W+(ar-1)|0]<<24>>24!=62)break;var
er=i<<24>>24,ir=Se[Se[o+16>>2]>>2],vr=Dr(r,0|He.__str113283,(ne=Oe,Oe+=16,Se[ne>>2]=er,Se[ne+4>>2]=ir,
Se[ne+8>>2]=Z,Se[ne+12>>2]=J,ne)),d=vr;break r }while(0);var
tr=i<<24>>24,fr=Se[Se[o+16>>2]>>2],_r=Dr(r,0|He.__str114284,(ne=Oe,Oe+=16,Se[ne>>2]=tr,Se[ne+4>>2]=fr,S
e[ne+8>>2]=Z,Se[ne+12>>2]=J,ne)),d=_r }while(0);var d;return Oe=_,d}function jr(r){ var a,e=Oe;Oe+=20;var
i=e,v=r+24|0,t=Se[v>>2],a=(r+20|0)>>2,f=Se[a],_=r+44|0,s=Se[_>>2];Se[a]=t;var n=Kr(r);if(0==(0|n))var
o=0;else{ Cr(i);var l=Xr(r,i,0,60,62);if(0==(0|l))var b=n;else var
k=Dr(r,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=n,Se[ne+4>>2]=l,ne)),b=k;var
b;Se[v>>2]=t,Se[a]=f,Se[_>>2]=s;var o=b }var o;return Oe=e,o}function Ur(r,a,e,i){ var
v,t,a>>2;Se[e>>2]=0,Se[t]=0;var f=0==(18&i|0);do{ if(f){ var _=r<<24>>24,s=1==((_-
65)%2|0);if(0==(1&i|0)){ if(s?Se[e>>2]=0|He.__str95265:v=14,65==(0|_)||66==(0|_)){ Se[t]=0|He.__str96266,v=21;
break }if(67==(0|_)||68==(0|_)){ Se[t]=0|He.__str97267,v=21;break }if(69==(0|_)||70==(0|_)){ Se[t]=0|He.__str98268,
v=21;break }if(71==(0|_)||72==(0|_)){ Se[t]=0|He.__str99269,v=21;break }if(73==(0|_)||74==(0|_)){ Se[t]=0|He.__str

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100270,v=21;break }if(75==(0_|)||76==(0_|)){v=21;break }if(77==(0_|)){Se[t]=0|He.__str101271,v=21;break }var
n=0,v=22;break }if(s?Se[e>>2]=0|He.__str88258:v=5,65==(0_|)||66==(0_|)){Se[t]=0|He.__str89259,v=21;break }if(6
7==(0_|)||68==(0_|)){Se[t]=0|He.__str90260,v=21;break }if(69==(0_|)||70==(0_|)){Se[t]=0|He.__str91261,v=21;brea
k}if(71==(0_|)||72==(0_|)){Se[t]=0|He.__str92262,v=21;break }if(73==(0_|)||74==(0_|)){Se[t]=0|He.__str93263,v=2
1;break }if(75==(0_|)||76==(0_|)){v=21;break }if(77==(0_|)){Se[t]=0|He.__str94264,v=21;break }var
n=0,v=22;break }v=21 }while(0);if(21==v)var n=1;var n;return n}function xr(r,a,e){ var i;Se[e>>2]=0;var
i=(r+12|0)>>2,v=Se[i];if(Ae[v]<<24>>24==69){Se[e>>2]=0|He.__str102272;var t=Se[i]+1|0;Se[i]=t;var f=t}else
var f=v;var f;Se[i]=f+1|0;var _=Ae[f]<<24>>24;if(65==(0_|)){Se[a>>2]=0;var s=1 }else
if(66==(0_|)){Se[a>>2]=0|He.__str103273;var s=1 }else if(67==(0_|)){Se[a>>2]=0|He.__str104274;var s=1 }else
if(68==(0_|)){Se[a>>2]=0|He.__str105275;var s=1 }else var s=0;var s;return s}function zr(r){ var
a,e,a=(r+12|0)>>2,i=r+40|0,v=r+20|0,t=0|i,f=r+44|0, _=r+48|0,s=r+52|0,n=r+56|0,o=r+20|0,l=r+24|0,b=r+16|0,k=0;r:
for(;;){ var k,u=Se[a],c=Ae[u];if(c<<24>>24==64){ var h=u+1|0;Se[a]=h;var d=1;break }var
w=c<<24>>24;do{ if(0==(0|w)){ var d=0;break
r }if(48==(0|w)||49==(0|w)||50==(0|w)||51==(0|w)||52==(0|w)||53==(0|w)||54==(0|w)||55==(0|w)||56==(0|w)||57==(0|
w)){ var p=u+1|0;Se[a]=p;var E=(Ae[u]<<24>>24)-48|0,A=Yr(v,E),g=A,e=14;break }if(63==(0|w)){ var
y=u+1|0;Se[a]=y;var m=Ae[y]<<24>>24;if(36==(0|m)){ var S=u+2|0;Se[a]=S;var M=jr(r);if(0==(0|M)){ var
d=0;break r }var C=Fr(r,M,-1,v);if(0==(0|C)){ var d=0;break r }var R=M;e=15;break }if(63==(0|m)){ var
T=Se[t>>2],O=Se[f>>2],N=Se[_>>2],I=Se[s>>2],P=Se[n>>2],D=Se[o>>2],L=Se[l>>2];Cr(i);var
F=Ir(r);if(0==(0|F))var X=k;else var
j=Se[b>>2],U=Dr(r,0|He.__str109279,(ne=Oe,Oe+=4,Se[ne>>2]=j,ne)),X=U;var
X;Se[o>>2]=D,Se[l>>2]=L,Se[t>>2]=T,Se[f>>2]=O,Se[_>>2]=N,Se[s>>2]=I,Se[n>>2]=P;var g=X;e=14;break }var
x=Lr(r);if(0==(0|x)){ var d=0;break r }var
z=Dr(r,0|He.__str109279,(ne=Oe,Oe+=4,Se[ne>>2]=x,ne)),g=z;e=14;break }var
V=Kr(r),g=V;e=14;break }while(0);if(14==e){ var g;if(0==(0|g)){ var d=0;break }var R=g }var R,B=Fr(r,R,-
1,i);if(0==(0|B)){ var d=0;break }var k=R }var d;return d}function Vr(r){ var a,e,i,v=Oe;Oe+=36;var
t,f=v,i=f>>2, _=v+4,s=v+8,e=s>>2,n=v+16;Se[i]=0;var o=0|r,l=Se[o>>2],b=0==(128&l|0),k=r+12|0;do if(b){ var
u=Ae[Se[k>>2]]<<24>>24;if(48==(0|u))var c=0|He.__str76246,h=k,a=h>>2;else if(49==(0|u))var
c=0|He.__str77247,h=k,a=h>>2;else { if(50!=(0|u)){ var c=0,h=k,a=h>>2;break }var
c=0|He.__str78248,h=k,a=h>>2 } else var c=0,h=k,a=h>>2;while(0);var h,c,d=0==(512&l|0);do if(d){ if((Ae[Se[a]-
48&255&255]>>3){ var w=0;break }var w=0|He.__str79249 }else var w=0;while(0);var
w,p=Gr(r,0),E=Se[a],A=E+1|0;Se[a]=A;var
g=Ae[E]<<24>>24;do{ if(48==(0|g)||49==(0|g)||50==(0|g)||51==(0|g)||52==(0|g)||53==(0|g)){ var
y=r+44|0,m=Se[y>>2];Cr(n);var S=Pr(r,s,n,0);if(0==(0|S)){ var M=0;t=28;break }var C=xr(r,f,_);if(0==(0|C)){ var
M=0;t=28;break }var R=Se[i],T=0==(0|R),O=Se[_>>2];do if(T)Se[i]=O;else { if(0==(0|O))break;var
N=Dr(r,0|He.__str83253,(ne=Oe,Oe+=8,Se[ne>>2]=R,Se[ne+4>>2]=O,ne));Se[i]=N }while(0);Se[y>>2]=m,t=22;br
eak }if(54==(0|g)||55==(0|g)){ var I=s+4|0;Se[I>>2]=0,Se[e]=0;var P=xr(r,f,_);if(0==(0|P)){ var
M=0;t=28;break }if(Ae[Se[a]]<<24>>24==64){ t=22;break }var D=qr(r);if(0==(0|D)){ var M=0;t=28;break }var
L=Dr(r,0|He.__str107277,(ne=Oe,Oe+=4,Se[ne>>2]=D,ne));Se[I>>2]=L,t=22;break }if(56==(0|g)||57==(0|g)){ Se[e
+1]=0,Se[e]=0,Se[i]=0,t=22;break }var M=0;t=28 }while(0);if(22==t){ var F=0==(4096&Se[o>>2]|0);do{ if(F){ var
X=Se[e],j=Se[i];if(0==(0|j)){ var U=X;t=26;break }var
x=0!=(0|X)?0|He.__str87257:0,z=0|He.__str87257,V=j,B=x,H=X;t=27;break }Se[i]=0,Se[e+1]=0,Se[e]=0;var
U=0;t=26;break }while(0);if(26==t)var U,K=0!=(0|U)?0|He.__str87257:0,z=K,V=0,B=0,H=U;var
H,B,V,z,Y=Se[e+1],G=Dr(r,0|He.__str108278,(ne=Oe,Oe+=32,Se[ne>>2]=c,Se[ne+4>>2]=w,Se[ne+8>>2]=H,Se[n
e+12>>2]=B,Se[ne+16>>2]=V,Se[ne+20>>2]=z,Se[ne+24>>2]=p,Se[ne+28>>2]=Y,ne));Se[r+16>>2]=G;var
M=1 }var M;return Oe=v,M }function Br(r,a){ var e,i,v,t,f=Oe;Oe+=44;var
_,s=f,t=s>>2,n=f+8,o=f+12,v=o>>2,l=f+16,b=f+20,k=f+40;Se[v]=0;var i=(r+12|0)>>2,u=Se[i],c=u+1|0;Se[i]=c;var
h=ge[u],d=h<<24>>24,w=(h-65&255&255)>25;r:do if(w)var p=0;else { var
e=(0|r)>>2,E=Me[e],A=0==(128&E|0),g=d-65|0;do if(A){ var y=g/8|0;if(0==(0|y))var m=0|He.__str76246,S=g;else

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if(1==(0|y))var m=0|He.__str77247,S=g;else{if(2!=(0|y)){var m=0,S=g;break}var m=0|He.__str78248,S=g }else
var m=0,S=g;while(0);var S,m,M=0==(512&E|0)&h<<24>>24<89,C=(0|S)%8;do if(M)if(2==(0|C)||3==(0|C))var
R=m,T=0|He.__str79249;else if(4==(0|C)||5==(0|C))var R=m,T=0|He.__str80250;else{if(6!=(0|C)&&7!=(0|C)){var
R=m,T=0;break}var O=Dr(r,0|He.__str81251,(ne=Oe,Oe+=4,Se[ne>>2]=m,ne)),R=O,T=0|He.__str80250}else var
R=m,T=0;while(0);var T,R,N=Gr(r,0),I=6==(0|C);do{if(!I){if(7==((d-56)%8|0)){_=14;break}var
P=N;_+=15;break}_+=14}while(0);if(14==_)var
D=Lr(r),L=Dr(r,0|He.__str82252,(ne=Oe,Oe+=8,Se[ne>>2]=N,Se[ne+4>>2]=D,ne)),P=L;var
P,F=h<<24>>24>88;do if(F)var X=0;else{if((C-2|0)>>>0<2){var X=0;break}var j=xr(r,o,k);if(0==(0|j)){var
p=0;break r}var U=Me[v],x=Se[k>>2];if(0==(0|U)&0==(0|x)){var X=0;break}var
z=Dr(r,0|He.__str83253,(ne=Oe,Oe+=8,Se[ne>>2]=U,Se[ne+4>>2]=x,ne));Se[v]=z;var X=z}while(0);var
X,V=Se[i],B=V+1|0;Se[i]=B;var H=Ae[V],K=Se[e],Y=Ur(H,n,l,K);if(0==(0|Y)){var p=0;break}Cr(b);var
G=Se[i];if(Ae[G]<<24>>24==64){Se[t]=0|He.__str84254,Se[t+1]=0;var W=G+1|0;Se[i]=W}else{var
Z=Pr(r,s,b,0);if(0==(0|Z)){var p=0;break}if(0!=(4&Se[e]|0)&&(Se[t+1]=0,Se[t]=0),0==(0|a))var Q=P;else{var
q=0,s,$=Se[q>>2],J=s+4|0,rr=Se[J>>2],ar=Dr(r,0|He.__str85255,(ne=Oe,Oe+=12,Se[ne>>2]=P,Se[ne+4>>2]=$,Se[
ne+8>>2]=rr,ne));Se[J>>2]=0,Se[q>>2]=0;var Q=ar}var
Q,er=r+44|0,ir=Se[er>>2],vr=Xr(r,b,1,40,41);if(0==(0|vr)){var p=0;break}if(0==(4096&Se[e]|0))var
tr=vr,fr=X;else{Se[v]=0;var tr=0,fr=0}var fr,tr;Se[er>>2]=ir;var _r=Se[t],sr=Se[t+1];if(0==(0|_r))var nr=0;else var
or=0!=(0|sr)?0|He.__str87257,nr=or;var
nr,lr=Se[n>>2],br=0!=(0|lr)?0|He.__str87257:0,kr=Se[l>>2],ur=Dr(r,0|He.__str86256,(ne=Oe,Oe+=44,Se[ne>>2]=
R,Se[ne+4>>2]=T,Se[ne+8>>2]=_r,Se[ne+12>>2]=nr,Se[ne+16>>2]=lr,Se[ne+20>>2]=br,Se[ne+24>>2]=kr,Se[ne
+28>>2]=Q,Se[ne+32>>2]=tr,Se[ne+36>>2]=fr,Se[ne+40>>2]=sr,ne));Se[r+16>>2]=ur;var p=1}while(0);var
p;return Oe=f,p}function Hr(r){var a,a=(r+12|0)>>>2,e=Se[a];if(Ae[e]<<24>>24==36)var
i=e;else{Xa(0|He.__str72242,1252,0|He.__func__handle_template,0|He.__str74244);var i=Se[a]}var
i;Se[a]=i+1|0;var v=Kr(r),t=0==(0|v);do if(t)var f=0;else{var _=Xr(r,0,0,60,62);if(0==(0|_)){var f=0;break}var
s=Dr(r,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=v,Se[ne+4>>2]=_));Se[r+16>>2]=s;var f=1}while(0);var
f;return f}function Kr(r){for(var a,a=(r+12|0)>>>2,e=Me[a],i=e,v=Ae[e];){var v,i;if(!((v-65&255&255)<26|(v-
97&255&255)<26|(v-48&255&255)<10)&&v<<24>>24!=95&&v<<24>>24!=36){var t=0;break}var
f=i+1|0;Se[a]=f;var _=ge[f];if(_<<24>>24==64){Se[a]=i+2|0;var s=f-e|0,n=r+20|0,o=Fr(r,e,s,n);if(0==(0|o)){var
t=0;break}var l=Se[r+24>>2]-1-Se[n>>2]|0,b=Yr(n,l),t=b;break}var i=f,v=_}var t;return t}function
Yr(r,a){0==(0|r)&&Xa(0|He.__str72242,263,0|He.__func__str_array_get_ref,0|He.__str75245);var
e=Se[r>>2]+a|0;if(e>>>0<Me[r+8>>2]>>>0)var i=Se[Se[r+16>>2]+(e<<2)>>2];else var i=0;var i;return i}function
Gr(r,a){var e,e=(r+44|0)>>>2,i=Me[e];if(i>>>0>a>>>0){for(var v=r+56|0,t=a,f=0,_=Se[v>>2],s=i;){var
s,_f,t,n=Me[_+(t<<2)>>2];if(0==(0|n)){Xa(0|He.__str72242,680,0|He.__func__get_class_string,0|He.__str10627
6);var o=Se[v>>2],l=o,b=Se[o+(t<<2)>>2],k=Se[e]}else var l=_b,n=k;s;var
k,b,l,u=Ca(b),c=u+(f+2)|0,h=t+1|0;if(h>>>0>k>>>0)break;var t=h,f=c,_=l,s=k}var d=c-1|0}else var d=-1;var
d,w=Wf(r,d);if(0==(0|w))var p=0;else{var E=Se[e]-1|0,A=(0|E)<(0|a);r:do if(A)var g=0;else for(var
y=r+56|0,m=0,S=E;){var S,m,M=Se[Se[y>>2]+(S<<2)>>2],C=Ca(M),R=w+m|0;Pa(R,M,C,1);var
T=C+m|0;if((0|S)>(0|a)){var O=T+1|0;Ae[w+T|0]=58;var N=T+2|0;Ae[w+O|0]=58;var I=N}else var I=T;var I,P=S-
1|0;if((0|P)<(0|a)){var g=I;break r}var m=I,S=P}while(0);var g;Ae[w+g|0]=0;var p=w}var p;return p}function
Wr(r,a){var e,i=a>>>0>1020;do if(i){var v=Se[r+4>>2],t=a+4|0,f=pe[v](t);if(0==(0|f)){var _=0;break}var
s=r+60|0,n=Se[s>>2],o=f;Se[o>>2]=n,Se[s>>2]=f,Se[r+64>>2]=0;var _=f+4|0}else{var
e=(r+64|0)>>>2,l=Me[e];if(l>>>0<a>>>0){var b=Se[r+4>>2],k=pe[b](1024);if(0==(0|k)){var _=0;break}var
u=r+60|0,c=Se[u>>2],h=k;Se[h>>2]=c,Se[u>>2]=k,Se[e]=1020;var d=1020,w=k}else var d=l,w=Se[r+60>>2];var
w,d;Se[e]=d-a|0;var _=w+(1024-d)|0}while(0);var _;return _}function Zr(r){var a=r<<24>>24;if(68==(0|a))var
e=0|He.__str157327;else if(69==(0|a))var e=0|He.__str158328;else if(70==(0|a))var e=0|He.__str159329;else
if(71==(0|a))var e=0|He.__str160330;else if(72==(0|a))var e=0|He.__str161331;else if(73==(0|a))var
e=0|He.__str162332;else if(74==(0|a))var e=0|He.__str163333;else if(75==(0|a))var e=0|He.__str164334;else
if(76==(0|a))var e=0|He.__str165335;else if(77==(0|a))var e=0|He.__str166336;else if(78==(0|a))var
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e=0|He.__str167337;else if(87==(0|a))var e=0|He.__str168338;else var e=0;var e;return e}function Qr(r){ var
a=r<<24>>24;if(67==(0|a))var e=0|He.__str145315;else if(68==(0|a))var e=0|He.__str146316;else if(69==(0|a))var
e=0|He.__str147317;else if(70==(0|a))var e=0|He.__str148318;else if(71==(0|a))var e=0|He.__str149319;else
if(72==(0|a))var e=0|He.__str150320;else if(73==(0|a))var e=0|He.__str151321;else if(74==(0|a))var
e=0|He.__str152322;else if(75==(0|a))var e=0|He.__str153323;else if(77==(0|a))var e=0|He.__str154324;else
if(78==(0|a))var e=0|He.__str155325;else if(79==(0|a))var e=0|He.__str156326;else if(88==(0|a))var
e=0|He.__str84254;else if(90==(0|a))var e=0|He.__str110280;else var e=0;var e;return e}function qr(r){ var
a=r+44|0,e=Se[a>>2],i=zr(r);if(0==(0|i))var v=0;else var t=Gr(r,e),v=t;var v;return Se[a>>2]=e,v}function
$(r,a,e,i,v){ var t,f,_,s=Oe;Oe+=16;var n,o=s,_o>>2,l=s+4,b=s+8,f=b>>2;Se[l>>2]=0;ii;var
t=(a+12|0)>>2,k=Se[t];if(Ae[k]<<24>>24==69){Se[l>>2]=0|He.__str134304;var u=k+1|0;Se[t]=u;var
c=0|He.__str134304}else var c=0;ii;var c,h=i<<24>>24;do{if(65==(0|h)){ var
d=Dr(a,0|He.__str135305,(ne=Oe,Oe+=4,Se[ne>>2]=c,ne)),w=d;n=10;break}if(66==(0|h)){ var
p=Dr(a,0|He.__str136306,(ne=Oe,Oe+=4,Se[ne>>2]=c,ne)),w=p;n=10;break}if(80==(0|h)){ var
E=Dr(a,0|He.__str137307,(ne=Oe,Oe+=4,Se[ne>>2]=c,ne)),w=E;n=10;break}if(81==(0|h)){ var
A=Dr(a,0|He.__str138308,(ne=Oe,Oe+=4,Se[ne>>2]=c,ne)),w=A;n=10;break}if(82==(0|h)){ var
g=Dr(a,0|He.__str139309,(ne=Oe,Oe+=4,Se[ne>>2]=c,ne)),w=g;n=10;break}if(83==(0|h)){ var
y=Dr(a,0|He.__str140310,(ne=Oe,Oe+=4,Se[ne>>2]=c,ne)),w=y;n=10;break}if(63==(0|h)){ var w=0;ii;n=10}else
n=31}while(0);r:do if(10==n){ var w,m=xr(a,o,l);if(0==(0|m))break;var
S=a+44|0,M=Se[S>>2],C=Se[t],R=Ae[C]<<24>>24==89;a:do if(R){ var T=C+1|0;Se[t]=T;var
O=Lr(a);if(0==(0|O))break r;var
N=Ha(O),I=Ae[w]<<24>>24==32,P=Se[_],D=0==(0|P);do{if(I){if(!D){n=17;break}var
L=w+1|0;n=18;break}if(D){ var L=w;n=18;break}n=17;break}while(0);if(17==n){ var
F=Dr(a,0|He.__str141311,(ne=Oe,Oe+=8,Se[ne>>2]=P,Se[ne+4>>2]=w,ne));Se[_]=0;var X=F}else if(18==n)var
L,j=Dr(a,0|He.__str142312,(ne=Oe,Oe+=4,Se[ne>>2]=L,ne)),X=j;var X;if(0==(0|N)){ var U=X;break}for(var
x=X,z=N;){ var z,x,V=z-
1|0,B=Lr(a),H=Dr(a,0|He.__str143313,(ne=Oe,Oe+=8,Se[ne>>2]=x,Se[ne+4>>2]=B,ne));if(0==(0|V)){ var
U=H;break a}var x=H,z=V} }else var U=w;while(0);var U,K=Pr(a,b,e,0);if(0==(0|K))break;var
Y=Se[_];if(0==(0|Y)){ var G=0==(0|v);do if(G){if(Ae[U]<<24>>24==0){ var W=U;break}var
Z=U+1|0;if(Ae[Z]<<24>>24!=42){ var W=U;break}var Q=Se[f],q=Ca(Q);if(Ae[Q+(q-1)|0]<<24>>24!=42){ var
W=U;break}var W=Z}else var W=U;while(0);var
W,$=Se[f],J=Dr(a,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=$,Se[ne+4>>2]=W,ne));Se[r>>2]=J}else{ var
rr=Se[f],ar=Dr(a,0|He.__str144314,(ne=Oe,Oe+=12,Se[ne>>2]=rr,Se[ne+4>>2]=Y,Se[ne+8>>2]=U,ne));Se[r>>2]=
ar}var er=Se[f+1];Se[r+4>>2]=er,Se[S>>2]=M}while(0);Oe=s}function Jr(r){ var
a,e=r>>>0<245;do{if(e){if(r>>>0<11)var i=16;else var i=r+11&-8;var
i,v=i>>>3,t=Me[vi>>2],f=t>>>(v>>>0);if(0!=(3&f|0))){ var
_=(1&f^1)+v|0,s=_<<1,n=(s<<2)+vi+40|0,o=(s+2<<2)+vi+40|0,l=Me[o>>2],b=1+8|0,k=Me[b>>2];if((0|n)==(0|k))S
e[vi>>2]=t&(1<<_^-1);else{if(k>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached an
unreachable!";Se[o>>2]=k,Se[k+12>>2]=n}var u=_<<3;Se[l+4>>2]=3|u;var
c=l+(4|u)|0,h=1|Se[c>>2];Se[c>>2]=h;var d=b;a=38;break}if(i>>>0<=Me[vi+8>>2]>>>0){ var
w=i;a=30;break}if(0!=(0|f)){ var p=2<<<v,E=f<<<v&(p|p),A=(E&-E)-
1|0,g=A>>>12&16,y=A>>>(g>>>0),m=y>>>5&8,S=y>>>(m>>>0),M=S>>>2&4,C=S>>>(M>>>0),R=C>>>1&2,
T=C>>>(R>>>0),O=T>>>1&1,N=(m|g|M|R|O)+(T>>>(O>>>0))|0,I=N<<1,P=(I<<2)+vi+40|0,D=(I+2<<2)+vi+40|
0,L=Me[D>>2],F=L+8|0,X=Me[F>>2];if((0|P)==(0|X))Se[vi>>2]=t&(1<<N^-
1);else{if(X>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached an unreachable!";Se[D>>2]=X,Se[X+12>>2]=P}var
j=N<<3,U=j-i|0;Se[L+4>>2]=3|i;var x=L,z=x+i|0;Se[x+(4|i)>>2]=1|U,Se[x+j>>2]=U;var
V=Me[vi+8>>2];if(0!=(0|V)){ var
B=Se[vi+20>>2],H=V>>>2&1073741822,K=(H<<2)+vi+40|0,Y=Me[vi>>2],G=1<<<(V>>>3),W=0==(Y&G|0);do{
if(!W){ var Z=(H+2<<2)+vi+40|0,Q=Me[Z>>2];if(Q>>>0>=Me[vi+16>>2]>>>0){ var q=Q,$=Z;break}throw

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Ka(),\Reached an unreachable!\}Se[vi>>2]=Y|G;var q=K,$=(H+2<<2)+vi+40|0}while(0);var
$,q;Se[$>>2]=B,Se[q+12>>2]=B;var J=B+8|0;Se[J>>2]=q;var
rr=B+12|0;Se[rr>>2]=K}Se[vi+8>>2]=U,Se[vi+20>>2]=z;var d=F;a=38;break}if(0==(0Se[vi+4>>2])){var
w=i;a=30;break}var ar=ra(i);if(0==(0|ar)){var w=i;a=30;break}var d=ar;a=38;break}if(r>>>0>4294967231){var
w=-1;a=30;break}var er=r+11&-8;if(0==(0|Se[vi+4>>2])){var w=er;a=30;break}var ir=ea(er);if(0==(0|ir)){var
w=er;a=30;break}var d=ir;a=38;break}while(0);if(30==a){var w,vr=Me[vi+8>>2];if(w>>>0>vr>>>0){var
tr=Me[vi+12>>2];if(w>>>0<tr>>>0){var fr=tr-w|0;Se[vi+12>>2]=fr;var
_r=Me[vi+24>>2],sr=_r;Se[vi+24>>2]=sr+w|0,Se[w+(sr+4)>>2]=1|fr,Se[_r+4>>2]=3|w;var d=_r+8|0}else var
nr=aa(w),d=nr}else{var or=vr-w|0,lr=Me[vi+20>>2];if(or>>>0>15){var
br=lr;Se[vi+20>>2]=br+w|0,Se[vi+8>>2]=or,Se[w+(br+4)>>2]=1|or,Se[br+vr>>2]=or,Se[lr+4>>2]=3|w}else{Se[vi
+8>>2]=0,Se[vi+20>>2]=0,Se[lr+4>>2]=3|vr;var kr=vr+(lr+4)|0,ur=1|Se[kr>>2];Se[kr>>2]=ur}var d=lr+8|0}var
d;return d}function ra(r){var a,e,i,v=Se[vi+4>>2],t=(v&-v)-
1|0,f=t>>>12&16,_t=t>>>(f>>>0),s=_>>>5&8,n=_>>>(s>>>0),o=n>>>2&4,l=n>>>(o>>>0),b=l>>>1&2,k=l>>>(b
>>>0),u=k>>>1&1,c=Me[vi+((s|f|o|b|u)+(k>>>(u>>>0))<<2)+304>>2],h=c,e=h>>2,d=(Se[c+4>>2]&-8)-
r|0;r:for(;;)for(var d,h,w=h;){var w,p=Se[w+16>>2];if(0==(0|p)){var E=Se[w+20>>2];if(0==(0|E))break r;var
A=E}else var A=p;var A,g=(Se[A+4>>2]&-8)-r|0;if(g>>>0<d>>>0){var h=A,e=h>>2,d=g;continue r}var w=A}var
y=h,m=Me[vi+16>>2],S=y>>>0<m>>>0;do if(!S){var M=y+r|0,C=M;if(y>>>0>=M>>>0)break;var
R=Me[e+6],T=Me[e+3],O=(0|T)==(0|h);do if(O){var N=h+20|0,I=Se[N>>2];if(0==(0|I)){var
P=h+16|0,D=Se[P>>2];if(0==(0|D)){var L=0,a=L>>2;break}var F=P,X=D}else{var F=N,X=I;i=14}for(;;){var
X,F,j=X+20|0,U=Se[j>>2];if(0==(0|U)){var x=X+16|0,z=Me[x>>2];if(0==(0|z))break;var F=x,X=z}else var
F=j,X=U}if(F>>>0<m>>>0)throw Ka(),\Reached an unreachable!\;Se[F>>2]=0;var L=X,a=L>>2}else{var
V=Me[e+2];if(V>>>0<m>>>0)throw Ka(),\Reached an unreachable!\;Se[V+12>>2]=T,Se[T+8>>2]=V;var
L=T,a=L>>2}while(0);var L,B=0==(0|R);r:do if(!B){var
H=h+28|0,K=(Se[H>>2]<<2)+vi+304|0,Y=(0|h)==(0|Se[K>>2]);do{if(Y){if(Se[K>>2]=L,0!=(0|L))break;var
G=Se[vi+4>>2]&(1<<Se[H>>2]^1);Se[vi+4>>2]=G;break r}if(R>>>0<Me[vi+16>>2]>>>0)throw Ka(),\Reached
an unreachable!\;var W=R+16|0;if((0|Se[W>>2])==(0|h)?Se[W>>2]=L:Se[R+20>>2]=L,0==(0|L))break
r}while(0);if(L>>>0<Me[vi+16>>2]>>>0)throw Ka(),\Reached an unreachable!\;Se[a+6]=R;var
Z=Me[e+4];if(0!=(0|Z)){if(Z>>>0<Me[vi+16>>2]>>>0)throw Ka(),\Reached an
unreachable!\;Se[a+4]=Z,Se[Z+24>>2]=L}var
Q=Me[e+5];if(0==(0|Q))break;if(Q>>>0<Me[vi+16>>2]>>>0)throw Ka(),\Reached an
unreachable!\;Se[a+5]=Q,Se[Q+24>>2]=L}while(0);if(d>>>0<16){var q=d+r|0;Se[e+1]=3|q;var
$,q+(y+4)|0,J=1|Se[$>>2];Se[$>>2]=J}else{Se[e+1]=3|r,Se[r+(y+4)>>2]=1|d,Se[y+d+r>>2]=d;var
rr=Me[vi+8>>2];if(0!=(0|rr)){var
ar=Me[vi+20>>2],er=rr>>>2&1073741822,ir=(er<<2)+vi+40|0,vr=Me[vi>>2],tr=1<<(rr>>>3),fr=0==(vr&tr|0);do{
if(!fr){var _r=(er+2<<2)+vi+40|0,sr=Me[_r>>2];if(sr>>>0>=Me[vi+16>>2]>>>0){var nr=sr,or=_r;break}throw
Ka(),\Reached an unreachable!\}Se[vi>>2]=vr|tr;var nr=ir,or=(er+2<<2)+vi+40|0}while(0);var
or,nr;Se[or>>2]=ar,Se[nr+12>>2]=ar,Se[ar+8>>2]=nr,Se[ar+12>>2]=ir}Se[vi+8>>2]=d,Se[vi+20>>2]=C}return
h+8|0}while(0);throw Ka(),\Reached an unreachable!\}function aa(r){var a,e;0==(0|Se[ti>>2])&&ba();var
i=0==(4&Se[vi+440>>2]|0);do{if(i){var v=Se[vi+24>>2],t=0==(0|v);do{if(!t){var
f=v,_=ua(f);if(0==(0|_)){e=6;break}var s=Se[ti+8>>2],n=r+47-Se[vi+12>>2]+s&-
s;if(n>>>0>=2147483647){e=14;break}var o=re(n);if((0|o)==(Se[_>>2]+Se[_+4>>2]|0)){var
l=o,b=n,k=o;e=13;break}var u=o,c=n;e=15;break}e=6}while(0);do if(6==e){var h=re(0);if((0|h)==-
1){e=14;break}var d=Se[ti+8>>2],w=d+(r+47)&-d,p=h,E=Se[ti+4>>2],A=E-1|0;if(0==(A&p|0))var g=w;else var
g=w-p+(A+p&-E)|0;var g;if(g>>>0>=2147483647){e=14;break}var y=re(g);if((0|y)==(0|h)){var
l=h,b=g,k=y;e=13;break}var u=y,c=g;e=15;break}while(0);if(13==e){var k,b,l;if((0|l)!=-1){var
m=b,S=l;e=26;break}var u=k,c=b}else if(14==e){var M=4|Se[vi+440>>2];Se[vi+440>>2]=M,e=23;break}var
c,u,C=0|c,R=(0|u)!=-1&c>>>0<2147483647;do{if(R){if(c>>>0>=(r+48|0)>>>0){var T=c;e=21;break}var
O=Se[ti+8>>2],N=r+47-c+O&-O;if(N>>>0>=2147483647){var T=c;e=21;break}var I=re(N);if((0|I)==-

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1){re(C);e=22;break } var T=N+c|0;e=21;break } var T=c;e=21 } while(0);if(21===e){ var T;if((0|u)!=-1){ var
m=T,S=u;e=26;break } } var P=4|Se[vi+440>>2];Se[vi+440>>2]=P,e=23;break } e=23 } while(0);do if(23===e){ var
D=Se[ti+8>>2],L=D+(r+47)&-D;if(L>>>0>=2147483647){ e=49;break } var F=re(L),X=re(0);if(!((0|X)!=-
1&(0|F)!=-1&F>>>0<X>>>0)){ e=49;break } var j=X-F|0;if(j>>>0<=(r+40|0)>>>0|(0|F)===-1){ e=49;break } var
m=j,S=F;e=26;break } while(0);r:do if(26===e){ var
S,m,U=Se[vi+432>>2]+m|0;Se[vi+432>>2]=U,U>>>0>Me[vi+436>>2]>>>0&&(Se[vi+436>>2]=U);var
x=Me[vi+24>>2],z=0==(0|x);a:do if(z){ var
V=Me[vi+16>>2];0==(0|V)|S>>>0<V>>>0&&(Se[vi+16>>2]=S),Se[vi+444>>2]=S,Se[vi+448>>2]=m,Se[vi+456
>>2]=0;var B=Se[ti>>2];Se[vi+36>>2]=B,Se[vi+32>>2]=-1,ha(),ca(S,m-40|0)}else{for(var
H=vi+444|0,a=H>>2;){ var H;if(0==(0|H))break;var
K=Me[a],Y=H+4|0,G=Me[Y>>2],W=K+G|0;if((0|S)==(0|W)){ if(0!=(8&Se[a+3|0])break;var
Z=x;if(!(Z>>>0>=K>>>0&Z>>>0<W>>>0))break;Se[Y>>2]=G+m|0;var
Q=Se[vi+24>>2],q=Se[vi+12>>2]+m|0;ca(Q,q);break a } var
H=Se[a+2],a=H>>2 } S>>>0<Me[vi+16>>2]>>>0&&(Se[vi+16>>2]=S);for(var $=S+m|0,J=vi+444|0;){ var
J;if(0==(0|J))break;var rr=0|J,ar=Me[rr>>2];if((0|ar)==(0|$)){ if(0!=(8&Se[J+12>>2|0])break;Se[rr>>2]=S;var
er=J+4|0,ir=Se[er>>2]+m|0;Se[er>>2]=ir;var vr=da(S,ar,r),tr=vr;e=50;break r } var
J=Se[J+8>>2]|Ma(S,m)} while(0);var fr=Me[vi+12>>2];if(fr>>>0<=r>>>0){ e=49;break } var _r=fr-
r|0;Se[vi+12>>2]=_r;var sr=Me[vi+24>>2],nr=sr;Se[vi+24>>2]=nr+r|0,Se[r+(nr+4)>>2]=1|_r,Se[sr+4>>2]=3|r;var
tr=sr+8|0;e=50;break } while(0);if(49===e){ var or=Je();Se[or>>2]=12;var tr=0 } var tr;return tr}function ea(r){ var
a,e,i,v,t,f,_r>>2,s=0|r,n=r>>>8,o=0==(0|n);do if(o)var l=0;else{ if(r>>>0>16777215){ var l=31;break } var
b=(n+1048320|0)>>>16&8,k=n<<b,u=(k+520192|0)>>>16&4,c=k<<u,h=(c+245760|0)>>>16&2,d=14-
(u|b|h)+(c<<h>>>15)|0,l=r>>>((d+7|0)>>>0)&1|d<<1 } while(0);var l,w=Me[vi+(l<<2)+304>>2],p=0==(0|w);r:do
if(p)var E=0,A=s,g=0;else{ if(31==(0|l))var y=0;else var y=25-(l>>>1)|0;for(var
y,m=0,S=s,M=w,t=M>>2,C=r<<y,R=0;){ var R,C,M,S,m,T=Se[t+1]&-8,O=T-
r|0;if(O>>>0<S>>>0){ if((0|T)==(0|r)){ var E=M,A=O,g=M;break r } var N=M,I=O } else var N=m,I=S;var
I,N,P=Me[t+5],D=Me[(((C>>>31<<2)+16>>2)+t],L=0==(0|P)|(0|P)===(0|D)?R:P;if(0==(0|D)){ var
E=N,A=I,g=L;break r } var m=N,S=I,M=D,t=M>>2,C=C<<1,R=L } } while(0);var g,A,E,F=0==(0|g)&0==(0|E);do
if(F){ var X=2<<1,j=Se[vi+4>>2]&(X|-X);if(0==(0|j)){ var U=g;break } var x=(j&-j)-
1|0,z=x>>>12&16,V=x>>>(z>>>0),B=V>>>5&8,H=V>>>(B>>>0),K=H>>>2&4,Y=H>>>(K>>>0),G=Y>>>1&2
,W=Y>>>(G>>>0),Z=W>>>1&1,U=Se[vi+(B|z|K|G|Z)+(W>>>(Z>>>0))<<2)+304>>2]}else var
U=g;while(0);var U,Q=0==(0|U);r:do if(Q)var q=A,$=E,v=$>>2;else for(var J=U,i=J>>2,rr=A,ar=E;){ var
ar,rr,J,er=(Se[i+1]&-8)-r|0,ir=er>>>0<rr>>>0,vr=ir?er:rr,tr=ir?J:ar,fr=Me[i+4];if(0==(0|fr)){ var
_r=Me[i+5];if(0==(0|_r)){ var q=vr,$=tr,v=$>>2;break r } var J=_r,i=J>>2,rr=vr,ar=tr } else var
J=fr,i=J>>2,rr=vr,ar=tr } while(0);var $,q,sr=0==(0|$);r:do {if(!sr){ if(q>>>0>=(Se[vi+8>>2]-r|0)>>>0){ var
nr=0;break } var or=$,e=or>>2,lr=Me[vi+16>>2],br=or>>>0<lr>>>0;do if(!br){ var
kr=or+r|0,ur=kr;if(or>>>0>=kr>>>0)break;var cr=Me[v+6],hr=Me[v+3],dr=(0|hr)===(0|$);do if(dr){ var
wr=$+20|0,pr=Se[wr>>2];if(0==(0|pr)){ var Er=$+16|0,Ar=Se[Er>>2];if(0==(0|Ar)){ var gr=0,a=gr>>2;break } var
yr=Er,mr=Ar } else { var yr=wr,mr=pr;f=28 } for(;;){ var mr,yr,Sr=mr+20|0,Mr=Se[Sr>>2];if(0==(0|Mr)){ var
Cr=mr+16|0,Rr=Me[Cr>>2];if(0==(0|Rr))break;var yr=Cr,mr=Rr } else var yr=Sr,mr=Mr } if(yr>>>0<lr>>>0)throw
Ka(),"Reached an unreachable!";Se[yr>>2]=0;var gr=mr,a=gr>>2 } else { var Tr=Me[v+2];if(Tr>>>0<lr>>>0)throw
Ka(),"Reached an unreachable!";Se[Tr+12>>2]=hr,Se[hr+8>>2]=Tr;var gr=hr,a=gr>>2 } while(0);var
gr,Or=0==(0|cr);a:do if(!Or){ var
Nr=$+28|0,Ir=(Se[Nr>>2]<<2)+vi+304|0,Pr=(0|$)===(0|Se[Ir>>2]);do {if(Pr){ if(Se[Ir>>2]=gr,0!=(0|gr))break;var
Dr=Se[vi+4>>2]&(1<<Se[Nr>>2]^1);Se[vi+4>>2]=Dr;break a } if(cr>>>0<Me[vi+16>>2]>>>0)throw
Ka(),"Reached an unreachable!";var
Lr=cr+16|0;if((0|Se[Lr>>2])===(0|$)?Se[Lr>>2]=gr:Se[cr+20>>2]=gr,0==(0|gr))break
a } while(0);if(gr>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached an unreachable!";Se[a+6]=cr;var
Fr=Me[v+4];if(0!=(0|Fr)){ if(Fr>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached an

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unreachable!";Se[a+4]=Fr,Se[Fr+24>>2]=gr } var
Xr=Me[v+5];if(0==(0|Xr))break;if(Xr>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached an
unreachable!";Se[a+5]=Xr,Se[Xr+24>>2]=gr } while(0);var jr=q>>>0<16;a:do if(jr){ var
Ur=q+r|0;Se[v+1]=3|Ur;var xr=Ur+(or+4)|0,zr=1|Se[xr>>2];Se[xr>>2]=zr } else
if(Se[v+1]=3|r,Se[_+(e+1)]=1|q,Se[(q>>2)+e+]=q,q>>>0<256){ var
Vr=q>>>2&1073741822,Br=(Vr<<2)+vi+40|0,Hr=Me[vi>>2],Kr=1<<(q>>>3),Yr=0==(Hr&Kr|0);do { if(!Yr){ var
Gr=(Vr+2<<2)+vi+40|0,Wr=Me[Gr>>2];if(Wr>>>0)=Me[vi+16>>2]>>>0){ var Zr=Wr,Qr=Gr;break } throw
Ka(),"Reached an unreachable!" } Se[vi>>2]=Hr|Kr;var Zr=Br,Qr=(Vr+2<<2)+vi+40|0 } while(0);var
Qr,Zr;Se[Qr>>2]=ur,Se[Zr+12>>2]=ur,Se[_+(e+2)]=Zr,Se[_+(e+3)]=Br } else { var qr=kr,$r=q>>>8,Jr=0==(0|$r);do
if(Jr)var ra=0;else { if(q>>>0>16777215){ var ra=31;break } var
aa=($r+1048320|0)>>>16&8,ea=$r<<aa,ia=(ea+520192|0)>>>16&4,va=ea<<ia,ta=(va+245760|0)>>>16&2,fa=14-
(ia|aa|ta)+(va<<ta)>>>15|0,ra=q>>>((fa+7|0)>>>0)&1|fa<<1 } while(0);var
ra,_a=(ra<<2)+vi+304|0;Se[_+(e+7)]=ra;var sa=r+(or+16)|0;Se[_+(e+5)]=0,Se[sa>>2]=0;var
na=Se[vi+4>>2],oa=1<<ra;if(0==(na&oa|0)){ var
la=na|oa;Se[vi+4>>2]=la,Se[_a>>2]=qr,Se[_+(e+6)]=_a,Se[_+(e+3)]=qr,Se[_+(e+2)]=qr } else { if(31==(0|ra))var
ba=0;else var ba=25-(ra>>>1)|0;for(var ba,ka=q<<ba,ua=Se[_a>>2];){ var ua,ka;if((Se[ua+4>>2]&-
8|0)==(0|q)){ var ca=ua+8|0,ha=Me[ca>>2],da=Me[vi+16>>2],wa=ua>>>0<da>>>0;do
if(!wa) { if(ha>>>0<da>>>0)break;Se[ha+12>>2]=qr,Se[ca>>2]=qr,Se[_+(e+2)]=ha,Se[_+(e+3)]=ua,Se[_+(e+6)]=0;
break a } while(0);throw Ka(),"Reached an unreachable!" } var
pa=(ka>>>31<<2)+ua+16|0,Ea=Me[pa>>2];if(0==(0|Ea)) { if(pa>>>0)=Me[vi+16>>2]>>>0) { Se[pa>>2]=qr,Se[_+(
e+6)]=ua,Se[_+(e+3)]=qr,Se[_+(e+2)]=qr;break a } throw Ka(),"Reached an unreachable!" } var
ka=ka<<1,ua=Ea } } while(0);var nr=$+8|0;break r } while(0);throw Ka(),"Reached an unreachable!" } var
nr=0 } while(0);var nr;return nr } function ia(r) { var a;0==(0|Se[ti>>2])&&ba();var e=r>>>0<4294967232;r:do
if(e) { var i=Me[vi+24>>2];if(0==(0|i)) { var v=0;break } var t=Me[vi+12>>2],f=t>>>0>(r+40|0)>>>0;do if(f) { var
_=Me[ti+8>>2],s=-40-r-1+t+_|0,n=Math.floor((s>>>0)/(_>>>0)),o=(n-
1)*_|0,l=i,b=ua(l);if(0!=(8&Se[b+12>>2]|0))break;var
k=re(0),a=(b+4|0)>>2;if((0|k)!=(Se[b>>2]+Se[a|0]))break;var u=o>>>0>2147483646?-2147483648-_|0;o,c=0|
-u,h=re(c),d=re(0);if(!((0|h)!=-1&d>>>0<k>>>0))break;var w=k-d|0;if((0|k)==(0|d))break;var p=Se[a]-
w|0;Se[a]=p;var E=Se[vi+432>>2]-w|0;Se[vi+432>>2]=E;var A=Se[vi+24>>2],g=Se[vi+12>>2]-w|0;ca(A,g);var
v=(0|k)!=(0|d);break r } while(0);if(Me[vi+12>>2]>>>0<=Me[vi+28>>2]>>>0) { var v=0;break } Se[vi+28>>2]=-1;var
v=0 } else var v=0;while(0);var v;return 1&v } function va(r) { var a,e,i,v,t,f,_,s=r>>2,n=0==(0|r);r:do if(!n) { var o=r-
8|0,l=o,b=Me[vi+16>>2],k=o>>>0<b>>>0;a:do if(!k) { var u=Me[r-4>>2],c=3&u;if(1==(0|c))break;var h=u&-
8,f=h>>2,d=r+(h-8)|0,w=d,p=0==(1&u|0);e:do if(p) { var E=Me[o>>2];if(0==(0|c))break r;var A=-8-
E|0,t=A>>2,g=r+A|0,y=g,m=E+h|0;if(g>>>0<b>>>0)break a;if((0|y)==(0|Se[vi+20>>2])) { var v=(r+(h-
4)|0)>>2;if(3!=(3&Se[v]|0)) { var S=y,i=S>>2,M=m;break } Se[vi+8>>2]=m;var C=Se[v]&-
2;Se[v]=C,Se[t+(s+1)]=1|m,Se[d>>2]=m;break r } if(E>>>0<256) { var
R=Me[t+(s+2)],T=Me[t+(s+3)];if((0|R)!=(0|T)) { var
O=(E>>>2&1073741822)<<2)+vi+40|0,N=(0|R)!=(0|O)&R>>>0<b>>>0;do
if(!N) { if(!((0|T)==(0|O)|T>>>0>=b>>>0))break;Se[R+12>>2]=T,Se[T+8>>2]=R;var S=y,i=S>>2,M=m;break
e } while(0);throw Ka(),"Reached an unreachable!" } var I=Se[vi>>2]&(1<<(E>>>3)^-1);Se[vi>>2]=I;var
S=y,i=S>>2,M=m } else { var P=g,D=Me[t+(s+6)],L=Me[t+(s+3)],F=(0|L)==(0|P);do if(F) { var
X=A+(r+20)|0,j=Se[X>>2];if(0==(0|j)) { var U=A+(r+16)|0,x=Se[U>>2];if(0==(0|x)) { var z=0,e=z>>2;break } var
V=U,B=x } else { var V=X,B=j;_ =21 } for(;;) { var B,V,H=B+20|0,K=Se[H>>2];if(0==(0|K)) { var
Y=B+16|0,G=Me[Y>>2];if(0==(0|G))break;var V=Y,B=G } else var V=H,B=K } if(V>>>0<b>>>0)throw
Ka(),"Reached an unreachable!";Se[V>>2]=0;var z=B,e=z>>2 } else { var W=Me[t+(s+2)];if(W>>>0<b>>>0)throw
Ka(),"Reached an unreachable!";Se[W+12>>2]=L,Se[L+8>>2]=W;var z=L,e=z>>2 } while(0);var
z;if(0==(0|D)) { var S=y,i=S>>2,M=m;break } var
Z=A+(r+28)|0,Q=(Se[Z>>2]<<2)+vi+304|0,q=(0|P)==(0|Se[Q>>2]);do { if(q) { if(Se[Q>>2]=z,0!=(0|z))break;var

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$=Se[vi+4>>2]&(1<<Se[Z>>2]^-1);Se[vi+4>>2]=$;var S=y,i=S>>2,M=m;break
e}if(D>>>0<Me[vi+16>>2]>>>0)throw Ka(),\"Reached an unreachable!\";var
J=D+16|0;if((0|Se[J>>2])==(0|P)?Se[J>>2]=z:Se[D+20>>2]=z,0==(0|z)){var S=y,i=S>>2,M=m;break
e}}while(0);if(z>>>0<Me[vi+16>>2]>>>0)throw Ka(),\"Reached an unreachable!\";Se[e+6]=D;var
rr=Me[t+(s+4)];if(0!=(0|rr)){if(rr>>>0<Me[vi+16>>2]>>>0)throw Ka(),\"Reached an
unreachable!\";Se[e+4]=rr,Se[rr+24>>2]=z}var ar=Me[t+(s+5)];if(0==(0|ar)){var
S=y,i=S>>2,M=m;break}if(ar>>>0<Me[vi+16>>2]>>>0)throw Ka(),\"Reached an
unreachable!\";Se[e+5]=ar,Se[ar+24>>2]=z;var S=y,i=S>>2,M=m} }else var S=l,i=S>>2,M=h;while(0);var
M,S,er=S;if(er>>>0>=d>>>0)break;var ir=r+(h-4)|0,vr=Me[ir>>2];if(0==(1&vr|0))break;var
tr=0==(2&vr|0);do{if(tr){if((0|w)==(0|Se[vi+24>>2])){var
fr=Se[vi+12>>2]+M|0;Se[vi+12>>2]=fr,Se[vi+24>>2]=S;var
_r=1|fr;if(Se[i+1]=_r,(0|S)==(0|Se[vi+20>>2])&&(Se[vi+20>>2]=0,Se[vi+8>>2]=0),fr>>>0<=Me[vi+28>>2]>>>0)
break r;ia(0);break r}if((0|w)==(0|Se[vi+20>>2])){var sr=Se[vi+8>>2]+M|0;Se[vi+8>>2]=sr,Se[vi+20>>2]=S;var
nr=1|sr;Se[i+1]=nr;var or=er+sr|0;Se[or>>2]=sr;break r}var lr=(vr&-8)+M|0,br=vr>>>3,kr=vr>>>0<256;e:do
if(kr){var ur=Me[s+f],cr=Me[((4|h)>>2)+s];if((0|ur)!=0|cr){var
hr=((vr>>>2&1073741822)<<2)+vi+40|0,dr=(0|ur)==(0|hr);do{if(!dr){if(ur>>>0<Me[vi+16>>2]>>>0){_ =66;break
}_ =63;break}_ =63}while(0);do
if(63==_) {if((0|cr)!=0|hr)&&cr>>>0<Me[vi+16>>2]>>>0)break;Se[ur+12>>2]=cr,Se[cr+8>>2]=ur;break
e}while(0);throw Ka(),\"Reached an unreachable!\"}var wr=Se[vi>>2]&(1<<br^-1);Se[vi>>2]=wr}else{var
pr=d,Er=Me[f+(s+4)],Ar=Me[((4|h)>>2)+s],gr=(0|Ar)==(0|pr);do if(gr){var
yr=h+(r+12)|0,mr=Se[yr>>2];if(0==(0|mr)){var Sr=h+(r+8)|0,Mr=Se[Sr>>2];if(0==(0|Mr)){var
Cr=0,a=Cr>>2;break}var Rr=Sr,Tr=Mr}else{var Rr=yr,Tr=mr;_ =73}for(;;){var
Tr,Rr,Or=Tr+20|0,Nr=Se[Or>>2];if(0==(0|Nr)){var Ir=Tr+16|0,Pr=Me[Ir>>2];if(0==(0|Pr))break;var
Rr=Ir,Tr=Pr}else var Rr=Or,Tr=Nr}if(Rr>>>0<Me[vi+16>>2]>>>0)throw Ka(),\"Reached an
unreachable!\";Se[Rr>>2]=0;var Cr=Tr,a=Cr>>2}else{var Dr=Me[s+f];if(Dr>>>0<Me[vi+16>>2]>>>0)throw
Ka(),\"Reached an unreachable!\";Se[Dr+12>>2]=Ar,nSe[Ar+8>>2]=Dr;var Cr=Ar,a=Cr>>2}while(0);var
Cr;if(0==(0|Er))break;var
Lr=h+(r+20)|0,Fr=(Se[Lr>>2]<<2)+vi+304|0,Xr=(0|pr)==(0|Se[Fr>>2]);do{if(Xr){if(Se[Fr>>2]=Cr,0!=(0|Cr))break
;var jr=Se[vi+4>>2]&(1<<Se[Lr>>2]^-1);Se[vi+4>>2]=jr;break e}if(Er>>>0<Me[vi+16>>2]>>>0)throw
Ka(),\"Reached an unreachable!\";var
Ur=Er+16|0;if((0|Se[Ur>>2])==(0|pr)?Se[Ur>>2]=Cr:Se[Er+20>>2]=Cr,0==(0|Cr))break
e}while(0);if(Cr>>>0<Me[vi+16>>2]>>>0)throw Ka(),\"Reached an unreachable!\";Se[a+6]=Er;var
xr=Me[f+(s+2)];if(0!=(0|xr)){if(xr>>>0<Me[vi+16>>2]>>>0)throw Ka(),\"Reached an
unreachable!\";Se[a+4]=xr,Se[xr+24>>2]=Cr}var
zr=Me[f+(s+3)];if(0==(0|zr))break;if(zr>>>0<Me[vi+16>>2]>>>0)throw Ka(),\"Reached an
unreachable!\";Se[a+5]=zr,Se[zr+24>>2]=Cr}while(0);if(Se[i+1]=1|lr,Se[er+lr>>2]=lr,(0|S)!=0|Se[vi+20>>2])){va
r Vr=lr;break}Se[vi+8>>2]=lr;break r}Se[ir>>2]=vr&-2,Se[i+1]=1|M,Se[er+M>>2]=M;var Vr=M}while(0);var
Vr;if(Vr>>>0<256){var
Br=Vr>>>2&1073741822,Hr=(Br<<2)+vi+40|0,Kr=Me[vi>>2],Yr=1<<(Vr>>>3),Gr=0==(Kr&Yr|0);do{if(!Gr){va
r Wr=(Br+2<<2)+vi+40|0,Zr=Me[Wr>>2];if(Zr>>>0>=Me[vi+16>>2]>>>0){var Qr=Zr,qr=Wr;break}throw
Ka(),\"Reached an unreachable!\"}Se[vi>>2]=Kr|Yr;var Qr=Hr,qr=(Br+2<<2)+vi+40|0}while(0);var
qr,Qr;Se[qr>>2]=S,Se[Qr+12>>2]=S,Se[i+2]=Qr,Se[i+3]=Hr;break r}var $r=S,Jr=Vr>>>8,ra=0==(0|Jr);do if(ra)var
aa=0;else{if(Vr>>>0>16777215){var aa=31;break}var
ea=(Jr+1048320|0)>>>16&8,va=Jr<<ea,fa=(va+520192|0)>>>16&4,_a=va<<fa,sa=(_a+245760|0)>>>16&2,na=14-
(fa|ea|sa)+(_a<<sa>>>15)|0,aa=Vr>>>((na+7|0)>>>0)&1|na<<1}while(0);var
aa,oa=(aa<<2)+vi+304|0;Se[i+7]=aa,Se[i+5]=0,Se[i+4]=0;var la=Se[vi+4>>2],ba=1<<aa,ka=0==(la&ba|0);e:do
if(ka){var ua=la|ba;Se[vi+4>>2]=ua,Se[oa>>2]=$r,Se[i+6]=oa,Se[i+3]=S,Se[i+2]=S} }else{if(31==(0|aa))var
ca=0;else var ca=25-(aa>>>1)|0;for(var ca,ha=Vr<<ca,da=Se[oa>>2];){var da,ha;if((Se[da+4>>2]&-

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8|0)==(0|Vr)) { var wa=da+8|0,pa=Me[wa>>2],Ea=Me[vi+16>>2],Aa=da>>>0<Ea>>>0;do
if(!Aa){if(pa>>>0<Ea>>>0)break;Se[pa+12>>2]=$r,Se[wa>>2]=$r,Se[i+2]=pa,Se[i+3]=da,Se[i+6]=0;break
e}while(0);throw Ka(),"Reached an unreachable!" } var
ga=(ha>>>31<<2)+da+16|0,ya=Me[ga>>2];if(0==(0|ya)){if(ga>>>0>=Me[vi+16>>2]>>>0){Se[ga>>2]=$r,Se[i+6]
=da,Se[i+3]=S,Se[i+2]=S;break e}throw Ka(),"Reached an unreachable!" } var ha=ha<<1,da=ya } while(0);var
ma=Se[vi+32>>2]-1|0;if(Se[vi+32>>2]=ma,0!=(0|ma))break r;ta();break r } while(0);throw Ka(),"Reached an
unreachable!" } while(0)}function ta(){ var r=Se[vi+452>>2],a=0==(0|r);r:do if(!a)for(var e=r;;){ var
e,i=Se[e+8>>2];if(0==(0|i))break r;var e=i } while(0);Se[vi+32>>2]=-1 }function fa(r,a){if(0==(0|r))var
e=Jr(a),i=e;else var v=la(r,a),i=v;var i;return i }function _a(r,a){ var e,i=r>>>0<9;do if(i)var v=Jr(a),t=v;else{ var
f=r>>>0<16?16:r,_=0==(f-1&f|0);r:do if(_ )var s=f;else{if(f>>>0<=16){ var s=16;break }for(var n=16;;){ var
n,o=n<<1;if(o>>>0>=f>>>0){ var s=o;break r }var n=o } } while(0);var s;if((-64-s|0)>>>0>a>>>0){if(a>>>0<11)var
l=16;else var l=a+11&-8;var l,b=Jr(l+(s+12)|0);if(0==(0|b)){ var t=0;break }var k=b-
8|0;if(0==(b>>>0)% (s>>>0)|0)var u=k,c=0;else{ var h=b+(s-1)&-s,d=h-8|0,w=k;if((d-w|0)>>>0>15)var p=d;else
var p=h+(s-8)|0;var p,E=p-w|0,e=(b-4|0)>>2,A=Se[e],g=(A&-8)-E|0;if(0==(3&A|0)){ var
y=Se[k>>2]+E|0;Se[p>>2]=y,Se[p+4>>2]=g;var u=p,c=0 } else{ var m=p+4|0,S=g|1&Se[m>>2]|2;Se[m>>2]=S;var
M=g+(p+4)|0,C=1|Se[M>>2];Se[M>>2]=C;var R=E|1&Se[e]|2;Se[e]=R;var T=b+(E-
4)|0,O=1|Se[T>>2];Se[T>>2]=O;var u=p,c=b } } var c,u,N=u+4|0,I=Me[N>>2],P=0==(3&I|0);do if(P)var
D=0;else{ var L=I&-8;if(L>>>0<=(1+16|0)>>>0){ var D=0;break }var F=L-
l|0;Se[N>>2]=l|1&I|2,Se[u+(4|l)>>2]=3|F;var X=u+(4|L)|0,j=1|Se[X>>2];Se[X>>2]=j;var D=1+(u+8)|0 } while(0);var
D;0!=(0|c)&&va(c),0!=(0|D)&&va(D);var t=u+8|0 } else{ var U=Je();Se[U>>2]=12;var t=0 } } while(0);var t;return
t }function sa(r,a,e,i){ var v,t;0==(0|Se[ti>>2])&&ba();var f=0==(0|i),_=0==(0|r);do{if(f){if(_){ var
s=Jr(0),n=s;t=30;break } var o=r<<2;if(o>>>0<11){ var l=0,b=16;t=9;break } var l=0,b=o+11&-8;t=9;break }if(_){ var
n=i;t=30;break } var l=i,b=0;t=9;break } while(0);do if(9==t){ var b,l,k=0==(1&e|0);r:do if(k){if(_){ var
u=0,c=0;break }for(var h=0,d=0;;){ var d,h,w=Me[a+(d<<2)>>2];if(w>>>0<11)var p=16;else var p=w+11&-8;var
p,E=p+h|0,A=d+1|0;if((0|A)==(0|r)){ var u=0,c=E;break r } var h=E,d=A } } else{ var g=Me[a>>2];if(g>>>0<11)var
y=16;else var y=g+11&-8;var y,u=y,c=y*r|0 } while(0);var c,u,m=Jr(b-4+c|0);if(0==(0|m)){ var n=0;break }var S=m-
8|0,M=Se[m-4>>2]&-8;if(0!=(2&e|0)){ var C=-4-b+M|0;Fa(m,0,C,1) } if(0==(0|l)){ var R=m+c|0,T=M-c|3;Se[m+(c-
4)>>2]=T;var O=R,v=O>>2,N=c } else var O=1,v=O>>2,N=M;var N,O;Se[v]=m;var I=r-1|0,P=0==(0|I);r:do if(P)var
D=S,L=N;else if(0==(0|u))for(var F=S,X=N,j=0;;){ var j,X,F,U=Me[a+(j<<2)>>2];if(U>>>0<11)var x=16;else var
x=U+11&-8;var x,z=X-x|0;Se[F+4>>2]=3|x;var
V=F+x|0,B=j+1|0;if(Se[(B<<2)>>2]+v]=x+(F+8)|0,(0|B)==(0|I)){ var D=V,L=z;break r }var F=V,X=z,j=B } else
for(var H=3|u,K=u+8|0,Y=S,G=N,W=0;;){ var W,G,Y,Z=G-u|0;Se[Y+4>>2]=H;var
Q=Y+u|0,q=W+1|0;if(Se[(q<<2)>>2]+v]=Y+K|0,(0|q)==(0|I)){ var D=Q,L=Z;break r }var
Y=Q,G=Z,W=q } while(0);var L,D;Se[D+4>>2]=3|L;var n=O } while(0);var n;return n }function na(r){ var
a=r>>2;0==(0|Se[ti>>2])&&ba();var e=Me[vi+24>>2];if(0==(0|e))var i=0,v=0,t=0,f=0,_,s=0,n=0;else{ for(var
o=Me[vi+12>>2],l=o+40|0,b=vi+444|0,k=1,u=1,c=1;;){ var c,u,k,b,h=Me[b>>2],d=h+8|0;if(0==(7&d|0))var w=0;else
var w=7&-d;for(var w,p=b+4|0,E=h+w|0,A=c,g=u,y=k;;){ var
y,g,A,E;if(E>>>0<h>>>0)break;if(E>>>0>=(h+Se[p>>2]|0)>>>0(0|E)==(0|e))break;var
m=Se[E+4>>2];if(7==(0|m))break;var S=m&-8,M=S+y|0;if(1==(3&m|0))var C=A+1|0,R=S+g|0;else var
C=A,R=g;var R,C,E=E+S|0,A=C,g=R,y=M } var T=Me[b+8>>2];if(0==(0|T))break;var b=T,k=y,u=g,c=A } var
O=Se[vi+432>>2],i=y,v=A,t=0,f=g,_,s=Se[vi+436>>2],n=O-g|0 } var
n,s,_,f,t,v,i;Se[a]=i,Se[a+1]=v,Se[a+2]=0,Se[a+3]=0,Se[a+4]=_,Se[a+5]=s,Se[a+6]=0,Se[a+7]=n,Se[a+8]=f,Se[a+9]
=t }function oa(){0==(0|Se[ti>>2])&&ba();var r=Me[vi+24>>2],a=0==(0|r);r:do if(a)var e=0,i=0,v=0;else for(var
t=Se[vi+436>>2],f=Me[vi+432>>2],_=vi+444|0,s=f-40-Se[vi+12>>2]|0;;){ var
s,_,n=Me[_>>2],o=n+8|0;if(0==(7&o|0))var l=0;else var l=7&-o;for(var l,b=_+4|0,k=n+1|0,u=s;;){ var
u,k;if(k>>>0<n>>>0)break;if(k>>>0>=(n+Se[b>>2]|0)>>>0(0|k)==(0|r))break;var
c=Se[k+4>>2];if(7==(0|c))break;var h=c&-8,d=1==(3&c|0)?h:0,w=u-d|0,k=k+h|0,u=w } var
p=Me[_+8>>2];if(0==(0|p)){ var e=t,i=f,v=u;break r } var _,s=u } while(0);var

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v,i,e,E=Se[Se[qe>>2]+12>>2],A=(Qa(E,0)He.__str339,(ne=Oe,Oe+=4,Se[ne>>2]=e,ne)),Se[Se[qe>>2]+12>>2]),g=
(Qa(A,0)He.__str1340,(ne=Oe,Oe+=4,Se[ne>>2]=i,ne)),Se[Se[qe>>2]+12>>2]);Qa(g,0)He.__str2341,(ne=Oe,Oe+=
4,Se[ne>>2]=v,ne))function la(r,a){var e,i,v,t=a>>>0>4294967231;r:do{if(!t){var f=r-8|0,_=f,i=(r-
4|0)>>2,s=Me[i],n=s&-8,o=n-8|0,l=r+o|0,b=f>>>0<Me[vi+16>>2]>>>0;do if(!b){var k=3&s;if(!(1!=(0|k)&(0|o)>-
8))break;var e=(r+(n-4|0)>>2);if(0==(1&Se[e]|0))break;if(a>>>0<11)var u=16;else var u=a+11&-8;var
u,c=0==(0|k);do{if(c){var
h=ka(_u),d=0,w=h;v=17;break}if(n>>>0<u>>>0){if((0|l)!=0|Se[vi+24>>2])}{v=21;break}var
p=Se[vi+12>>2]+n|0;if(p>>>0<u>>>0){v=21;break}var E=p-u|0,A=r+(u-8)|0;Se[i]=u|1&s|2;var g=1|E;Se[r+(u-
4)>>2]=g,Se[vi+24>>2]=A,Se[vi+12>>2]=E;var d=0,w=_;v=17;break}var y=n-u|0;if(y>>>0<15){var
d=0,w=_;v=17;break}Se[i]=u|1&s|2,Se[r+(u-4)>>2]=3|y;var m=1|Se[e];Se[e]=m;var
d=r+u|0,w=_;v=17;break}while(0);do if(17==v){var w,d;if(0==(0|w))break;0!=(0|d)&&va(d);var S=w+8|0;break
r}while(0);var M=Jr(a);if(0==(0|M))){var S=0;break r}var C=0==(3&Se[i]|0)?8:4,R=n-
C|0,T=R>>>0<a>>>0?R:a;Pa(M,r,T,1),va(r);var S=M;break r}while(0);throw Ka(),"Reached an unreachable!"}var
O=Je();Se[O>>2]=12;var S=0}while(0);var S;return S}function ba(){if(0==(0|Se[ti>>2])){var r=qa(8);if(0!=(r-
1&r|0))throw Ka(),"Reached an unreachable!";Se[ti+8>>2]=r,Se[ti+4>>2]=r,Se[ti+12>>2]=r-
1,Se[ti+16>>2]=2097152,Se[ti+20>>2]=0,Se[vi+440>>2]=0;var a=$a(0);Se[ti>>2]=a&-16^1431655768}}function
ka(r,a){var e=Se[r+4>>2]&-8,i=a>>>0<256;do if(i)var v=0;else{if(e>>>0=(a+4|0)>>>0&&(e-
a|0)>>>0<=Se[ti+8>>2]<<1>>>0){var v=r;break}var v=0}while(0);var v;return v}function ua(r){for(var
a,e=vi+444|0,a=e>>2;){var e,i=Me[a];if(i>>>0<r>>>0&&(i+Se[a+1]|0)>>>0>r>>>0){var v=e;break}var
t=Me[a+2];if(0==(0|t)){var v=0;break}var e=t,a=e>>2}var v;return v}function ca(r,a){var
e=r,i=r+8|0;if(0==(7&i|0))var v=0;else var v=7&-i;var v,t=a-
v|0;Se[vi+24>>2]=e+v|0,Se[vi+12>>2]=t,Se[v+(e+4)>>2]=1|t,Se[a+(e+4)>>2]=40;var
f=Se[ti+16>>2];Se[vi+28>>2]=f}function ha(){for(var r=0;;){var
r,a=r<<1,e=(a<<2)+vi+40|0;Se[vi+(a+3<<2)+40>>2]=e,Se[vi+(a+2<<2)+40>>2]=e;var
i=r+1|0;if(32==(0|i))break;var r=i}}function da(r,a,e){var i,v,t,f,_=a>>2,s=r>>2,n=r+8|0;if(0==(7&n|0))var o=0;else
var o=7&-n;var o,l=a+8|0;if(0==(7&l|0))var b=0,t=b>>2;else var b=7&-1,t=b>>2;var
b,k=a+b|0,u=k,c=o+e|0,v=c>>2,h=r+c|0,d=h,w=k-(r+o)-e|0;Se[(o+4>>2)+s]=3|e;var
p=(0|u)==(0|Se[vi+24>>2]);r:do if(p){var E=Se[vi+12>>2]+w|0;Se[vi+12>>2]=E,Se[vi+24>>2]=d;var
A=1|E;Se[v+(s+1)]=A}else if((0|u)==(0|Se[vi+20>>2])){var
g=Se[vi+8>>2]+w|0;Se[vi+8>>2]=g,Se[vi+20>>2]=d;var y=1|g;Se[v+(s+1)]=y;var
m=r+g+c|0;Se[m>>2]=g}else{var S=Me[t+(_+1)];if(1==(3&S|0))){var M=S&-8,C=S>>>3,R=S>>>0<256;a:do
if(R){var T=Me[((8|b)>>2)+_],O=Me[t+(_+3)];if((0|T)!=0|O)}{var
N=((S>>>2&1073741822)<<2)+vi+40|0,I=(0|T)==(0|N);do{if(!I){if(T>>>0<Me[vi+16>>2]>>>0){f=18;break}f=1
5;break}f=15}while(0);do
if(15==f){if((0|O)!=0|N)&&O>>>0<Me[vi+16>>2]>>>0)break;Se[T+12>>2]=O,Se[O+8>>2]=T;break
a}while(0);throw Ka(),"Reached an unreachable!"}var P=Se[vi>>2]&(1<<C^1);Se[vi>>2]=P}else{var
D=k,L=Me[((24|b)>>2)+_],F=Me[t+(_+3)],X=(0|F)==(0|D);do if(X){var
j=16|b,U=j+(a+4)|0,x=Se[U>>2];if(0==(0|x)){var z=a+j|0,V=Se[z>>2];if(0==(0|V)){var B=0,i=B>>2;break}var
H=z,K=V}else{var H=U,K=x;f=25}for(;;){var K,H,Y=K+20|0,G=Se[Y>>2];if(0==(0|G)){var
W=K+16|0,Z=Me[W>>2];if(0==(0|Z))break;var H=W,K=Z}else var
H=Y,K=G}if(H>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached an unreachable!";Se[H>>2]=0;var
B=K,i=B>>2}else{var Q=Me[((8|b)>>2)+_];if(Q>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached an
unreachable!";Se[Q+12>>2]=F,Se[F+8>>2]=Q;var B=F,i=B>>2}while(0);var B;if(0==(0|L))break;var
q=b+(a+28)|0,$=(Se[q>>2]<<2)+vi+304|0,J=(0|D)==(0|Se[$>>2]);do{if(J){if(Se[$>>2]=B,0!=(0|B))break;var
rr=Se[vi+4>>2]&(1<<Se[q>>2]^1);Se[vi+4>>2]=rr;break a}if(L>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached
an unreachable!";var ar=L+16|0;if((0|Se[ar>>2])==(0|D)?Se[ar>>2]=B:Se[L+20>>2]=B,0==(0|B))break
a}while(0);if(B>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached an unreachable!";Se[i+6]=L;var
er=16|b,ir=Me[(er>>2)+_];if(0!=(0|ir)){if(ir>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached an

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unreachable!";Se[i+4]=ir,Se[ir+24>>2]=B } var
vr=Me[(er+4>>2)+_];if(0==(0|vr))break;if(vr>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached an
unreachable!";Se[i+5]=vr,Se[vr+24>>2]=B } while(0);var tr=a+(M|b)|0,fr=M+w|0} else var tr=u,fr=w;var
fr,tr,_r=tr+4|0,sr=Se[_r>>2]&&-2;if(Se[_r>>2]=sr,Se[v+(s+1)]=1|fr,Se[(fr>>2)+s+v]=fr,fr>>>0<256){ var
nr=fr>>>2&1073741822,or=(nr<<2)+vi+40|0,lr=Me[vi>>2],br=1<<(fr>>>3),kr=0==(lr&br|0);do { if(!kr){ var
ur=(nr+2<<2)+vi+40|0,cr=Me[ur>>2];if(cr>>>0>=Me[vi+16>>2]>>>0){ var hr=cr,dr=ur;break } throw
Ka(),"Reached an unreachable!" } Se[vi>>2]=lr|br;var hr=or,dr=(nr+2<<2)+vi+40|0 } while(0);var
dr,hr;Se[dr>>2]=d,Se[hr+12>>2]=d,Se[v+(s+2)]=hr,Se[v+(s+3)]=or} else { var wr=h,pr=fr>>>8,Er=0==(0|pr);do
if(Er)var Ar=0;else { if(fr>>>0>16777215){ var Ar=31;break } var
gr=(pr+1048320|0)>>>16&8,yr=pr<<gr,mr=(yr+520192|0)>>>16&4,Sr=yr<<mr,Mr=(Sr+245760|0)>>>16&2,Cr=1
4-(mr|gr|Mr)+(Sr<<Mr>>>15)|0,Ar=fr>>>((Cr+7|0)>>>0)&1|Cr<<1 } while(0);var
Ar,Rr=(Ar<<2)+vi+304|0;Se[v+(s+7)]=Ar;var Tr=c+(r+16)|0;Se[v+(s+5)]=0,Se[Tr>>2]=0;var
Or=Se[vi+4>>2],Nr=1<<Ar;if(0==(Or&Nr|0)){ var
Ir=Or|Nr;Se[vi+4>>2]=Ir,Se[Rr>>2]=wr,Se[v+(s+6)]=Rr,Se[v+(s+3)]=wr,Se[v+(s+2)]=wr} else { if(31==(0|Ar))var
Pr=0;else var Pr=25-(Ar>>>1)|0;for(var Pr,Dr=fr<<Pr,Lr=Se[Rr>>2];){ var Lr,Dr;if((Se[Lr+4>>2]&&-
8|0)==(0|fr)){ var Fr=Lr+8|0,Xr=Me[Fr>>2],jr=Me[vi+16>>2],Ur=Lr>>>0<jr>>>0;do
if(!Ur){ if(Xr>>>0<jr>>>0)break;Se[Xr+12>>2]=wr,Se[Fr>>2]=wr,Se[v+(s+2)]=Xr,Se[v+(s+3)]=Lr,Se[v+(s+6)]=0
;break r } while(0);throw Ka(),"Reached an unreachable!" } var
xr=(Dr>>>31<<2)+Lr+16|0,zr=Me[xr>>2];if(0==(0|zr)){ if(xr>>>0>=Me[vi+16>>2]>>>0){ Se[xr>>2]=wr,Se[v+(s
+6)]=Lr,Se[v+(s+3)]=wr,Se[v+(s+2)]=wr;break r } throw Ka(),"Reached an unreachable!" } var
Dr=Dr<<1,Lr=zr } } } while(0);return r+(8|o)|0} function wa(r){ return 0|He.__str3342 } function pa(r){ return
0|He.__str14343 } function Ea(r){ Se[r>>2]=si+8|0 } function Aa(r){ 0!=(0|r)&&va(r) } function ga(r){ ya(r);var
a=r;Aa(a) } function ya(r){ var a=0|r;Ye(a) } function ma(r){ var a=0|r;Ea(a),Se[r>>2]=ni+8|0 } function Sa(r){ var
a=0|r;ya(a);var e=r;Aa(e) } function Ma(r,a){ var
e,i,v=Me[vi+24>>2],i=v>>2,t=v,f=ua(t),_=Se[f>>2],s=Se[f+4>>2],n=_+s|0,o=_+(s-39)|0;if(0==(7&o|0))var
l=0;else var l=7&-o;var l,b=_+(s-47)+l|0,k=b>>>0<(v+16|0)>>>0?t:b,u=k+8|0,e=u>>2,c=u,h=r,d=a-40|0;ca(h,d);var
w=k+4|0;Se[w>>2]=27,Se[e]=Se[vi+444>>2],Se[e+1]=Se[vi+448>>2],Se[e+2]=Se[vi+452>>2],Se[e+3]=Se[vi+45
6>>2],Se[vi+444>>2]=r,Se[vi+448>>2]=a,Se[vi+456>>2]=0,Se[vi+452>>2]=c;var p=k+28|0;Se[p>>2]=7;var
E=(k+32|0)>>>0<n>>>0;r:do if(E)for(var A=p;){ var A,g=A+4|0;if(Se[g>>2]=7,(A+8|0)>>>0>=n>>>0)break r;var
A=g } while(0);var y=(0|k)==(0|t);r:do if(!y){ var m=k-v|0,S=t+m|0,M=m+(t+4)|0,C=Se[M>>2]&&-2;Se[M>>2]=C;var
R=1|m;Se[i+1]=R;var T=S;if(Se[T>>2]=m,m>>>0<256){ var
O=m>>>2&1073741822,N=(O<<2)+vi+40|0,I=Me[vi>>2],P=1<<(m>>>3),D=0==(I&P|0);do { if(!D){ var
L=(O+2<<2)+vi+40|0,F=Me[L>>2];if(F>>>0>=Me[vi+16>>2]>>>0){ var X=F,j=L;break } throw Ka(),"Reached an
unreachable!" } var U=I|P;Se[vi>>2]=U;var X=N,j=(O+2<<2)+vi+40|0 } while(0);var
j,X;Se[j>>2]=v,Se[X+12>>2]=v,Se[i+2]=X,Se[i+3]=N } else { var x=v,z=m>>>8,V=0==(0|z);do if(V)var
B=0;else { if(m>>>0>16777215){ var B=31;break } var
H=(z+1048320|0)>>>16&8,K=z<<H,Y=(K+520192|0)>>>16&4,G=K<<Y,W=(G+245760|0)>>>16&2,Z=14-
(Y|H|W)+(G<<W>>>15)|0,B=m>>>((Z+7|0)>>>0)&1|Z<<1 } while(0);var
B,Q=(B<<2)+vi+304|0;Se[i+7]=B,Se[i+5]=0,Se[i+4]=0;var q=Se[vi+4>>2],$=1<<B;if(0==(q&$|0)){ var
J=q|$;Se[vi+4>>2]=J,Se[Q>>2]=x,Se[i+6]=Q,Se[i+3]=v,Se[i+2]=v } else { if(31==(0|B))var rr=0;else var rr=25-
(B>>>1)|0;for(var rr,ar=m<<rr,er=Se[Q>>2];){ var er,ar;if((Se[er+4>>2]&&-8|0)==(0|m)){ var
ir=er+8|0,vr=Me[ir>>2],tr=Me[vi+16>>2],fr=er>>>0<tr>>>0;do
if(!fr){ if(vr>>>0<tr>>>0)break;Se[vr+12>>2]=x,Se[ir>>2]=x,Se[i+2]=vr,Se[i+3]=er,Se[i+6]=0;break
r } while(0);throw Ka(),"Reached an unreachable!" } var
_r=(ar>>>31<<2)+er+16|0,sr=Me[_r>>2];if(0==(0|sr)){ if(_r>>>0>=Me[vi+16>>2]>>>0){ Se[_r>>2]=x,Se[i+6]=er,
Se[i+3]=v,Se[i+2]=v;break r } throw Ka(),"Reached an unreachable!" } var ar=ar<<1,er=sr } } } while(0)} function
Ca(r){ return d(r) } function Ra(r,a){ var e=0;do Ae[r+e]=Ae[a+e],e++;while(0!=Ae[a+e-1]);return r } function
Ta(){ var r=Ta;return

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r.LLVM_SAVEDSTACKS||(r.LLVM_SAVEDSTACKS=[],r.LLVM_SAVEDSTACKS.push(le.stackSave()),r.LL
VM_SAVEDSTACKS.length-1}function Oa(r){var
a=Ta,e=a.LLVM_SAVEDSTACKS[r];a.LLVM_SAVEDSTACKS.splice(r,1),le.stackRestore(e)}function
Na(r,a,e){for(var i=0;i<e;){var v=Ae[r+i],t=Ae[a+i];if(v==t&&0==v)return 0;if(0==v)return-1;if(0==t)return
1;if(v!=t)return v>t?1:-1;i++}return 0}function Ia(r,a){var e=Ca(r),i=0;do Ae[r+e+i]=Ae[a+i],i++;while(0!=Ae[a+i-
1]);return r}function Pa(r,a,e,i){if(e>=20&&a%2==r%2)if(a%4==r%4){for(var
v=a+e;a%4;)Ae[r++]=Ae[a++];for(var
t=a>>2,f=r>>2,_=v>>2;t<_;)Se[f++]=Se[t++];for(a=t<<2,r=f<<2;a<v;)Ae[r++]=Ae[a++]}else{var
v=a+e;a%2&&(Ae[r++]=Ae[a++]);for(var
s=a>>1,n=r>>1,o=v>>1;s<o;)ye[n++]=ye[s++];a=s<<1,r=n<<1,a<v&&(Ae[r++]=Ae[a++])}else for(;e--
;)Ae[r++]=Ae[a++]}function Da(r,a){return Na(r,a,le)}function La(r,a,e){for(var i=0;i<e;i++){var
v=Ae[r+i],t=Ae[a+i];if(v!=t)return v>t?1:-1}return 0}function Fa(r,a,e,i){if(e>=20){for(var
v=r+e;r%4;)Ae[r++]=a;a<0&&(a+=256);for(var
t=r>>2,f=v>>2,_=a|a<<8|a<<16|a<<24;t<f;)Se[t++]=_;for(r=t<<2;r<v;)Ae[r++]=a}else for(;e--
;)Ae[r++]=a}function Xa(r,a,e,i){throw"Assertion failed: \"+s(i)+\", at: \"+[s(r),a,s(e)]}function ja(r){var
a=d(r),e=Jr(a+1);return Pa(e,r,a,1),Ae[e+a]=0,e}function Ua(r,a){function e(r){var
e;return"double\"===r?(xe[0]=Se[a+_>>2],xe[1]=Se[a+_+4>>2],e=ze[0]):\"i64\"===r?e=[Se[a+_>>2],Se[a+_+4>>2
]]:(r=\"i32\",e=Se[a+_>>2]),_+=le.getNativeFieldSize(r),e)for(var i,v,t,f=r,_=0,s=[];){var
n=f;if(i=Ae[f],0===i)break;if(v=Ae[f+1],i==\"%\".charCodeAt(0)){var
o=!1,l=!1,b=!1,k=!1;r:for(;;){switch(v){case\"+\".charCodeAt(0):o=!0;break;case\"-
\".charCodeAt(0):l=!0;break;case\"#\".charCodeAt(0):b=!0;break;case\"0\".charCodeAt(0):if(k)break
r;k=!0;break;default:break r}f++,v=Ae[f+1]}var u=0;if(v==\"*\".charCodeAt(0))u=e(\"i32\"),f++,v=Ae[f+1];else
for(;v>=\"0\".charCodeAt(0)&&v<=\"9\".charCodeAt(0);)u=10*u+(v-\"0\".charCodeAt(0)),f++,v=Ae[f+1];var
c=!1;if(v==\".\".charCodeAt(0)){var h=0;if(c=!0,f++,v=Ae[f+1],v==\"*\".charCodeAt(0))h=e(\"i32\"),f++;else
for(;;){var d=Ae[f+1];if(d<\"0\".charCodeAt(0)||d>\"9\".charCodeAt(0))break;h=10*h+(d-
\"0\".charCodeAt(0)),f++}v=Ae[f+1]}else var h=6;var E;switch(String.fromCharCode(v)){case\"h\":var
A=Ae[f+2];A==\"h\".charCodeAt(0)?(f++,E=1):E=2;break;case\"l\":var
A=Ae[f+2];A==\"l\".charCodeAt(0)?(f++,E=8):E=4;break;case\"L\":case\"q\":case\"j\":E=8;break;case\"z\":case\"t\
\":case\"I\":E=4;break;default:E=null}if(E&&f++,v=Ae[f+1],[\"d\", \"i\", \"u\", \"o\", \"x\", \"X\", \"p\"].indexOf(String.f
romCharCode(v))!=-1){var m=v==\"d\".charCodeAt(0)||v==\"i\".charCodeAt(0);E=E|4;var
t=e(\"i\"+8*E);if(8==E&&(t=le.makeBigInt(t[0],t[1],v==\"u\".charCodeAt(0))),E<=4){var S=Math.pow(256,E)-
1;t=(m?y:g)(t&S,8*E)}var
M,C=Math.abs(t),R=\":\":if(v==\"d\".charCodeAt(0)||v==\"i\".charCodeAt(0))M=y(t,8*E,1).toString(10);else
if(v==\"u\".charCodeAt(0))M=g(t,8*E,1).toString(10),t=Math.abs(t);else
if(v==\"o\".charCodeAt(0))M=(b?\"0\":\":\")+C.toString(8);else
if(v==\"x\".charCodeAt(0)||v==\"X\".charCodeAt(0)){if(R=b?\"0x\":\":\",t<0){t=-t,M=(C-1).toString(16);for(var
T=[],O=0;O<M.length;O++)T.push((15-
parseInt(M[O],16)).toString(16));for(M=T.join(\" \");M.length<2*E;)M=\"f\"+M}else
M=C.toString(16);v==\"X\".charCodeAt(0)&&(R=R.toUpperCase(),M=M.toUpperCase())}else
v==\"p\".charCodeAt(0)&&(0===C?M=\"(nil)\":(R=\"0x\",M=C.toString(16)));if(c)for(;M.length<h;)M=\"0\"+M;f
or(o&&(R=t<0?\"-\"+R:\"+\"+R);R.length+M.length<u;)!M+=\" \":k?M=\"0\"+M:R=\"
\"+R;M=R+M,M.split(\" \").forEach(function(r){s.push(r.charCodeAt(0))})}else
if([\\"f\", \"F\", \"e\", \"E\", \"g\", \"G\"].indexOf(String.fromCharCode(v))!=-1){var
M,t=e(\"double\");if(isNaN(t))M=\"nan\",k=!1;else if(isFinite(t)){var
N=!1,I=Math.min(h,20);if(v==\"g\".charCodeAt(0)||v==\"G\".charCodeAt(0)){N=!0,h=h|1;var
P=parseInt(t.toExponential(I).split(\"e\")[1],10);h>P&&P>=-
4?(v=(v==\"g\".charCodeAt(0)?\"f\": \"F\".charCodeAt(0)),h-
=P+1):(v=(v==\"g\".charCodeAt(0)?\"e\": \"E\".charCodeAt(0)),h--

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),I=Math.min(h,20)}v==\"e\".charCodeAt(0)||v==\"E\".charCodeAt(0)?(M=t.toExponential(I)/[eE][-
+])\\d$.test(M)&&(M=M.slice(0,-1)+\"0\"+M.slice(-
1));v!=\"f\".charCodeAt(0)&&v!=\"F\".charCodeAt(0)||(M=t.toFixed(I));var
D=M.split(\"e\");if(N&&!b)for(;D[0].length>1&&D[0].indexOf(\".\")!==-1&&(\"0\"==D[0].slice(-
1)||\".\"==D[0].slice(-1));D[0]=D[0].slice(0,-1);else for(b&&M.indexOf(\".\")===
1&&(D[0]+=\".\");h>I++;D[0]+=\"0\";M=D[0]+(D.length>1?\"e\"+D[1]:\"\"),v==\"E\".charCodeAt(0)&&(M=M.to
UpperCase()),o&&t>=0&&(M=\"+\"+M))else M=(t<0?\"-\":\"\")+\\"inf\",k=!1;for(;M.length<u)!M+=\"
\":M=!k||\"-\"!=M[0]&&\"+\"!=M[0]?(k?\"0\":\"
\')+M:M[0]+\"0\"+M.slice(1);v<\"a\".charCodeAt(0)&&(M=M.toUpperCase()),M.split(\".\").forEach(function(r){s.
push(r.charCodeAt(0))})}else if(v==\"s\".charCodeAt(0)){var
L,F=e(\"i8*\");if(F?(L=w(F),c&&L.length>h&&(L=L.slice(0,h)):L=p(\"(null)\",!0,!1)for(;L.length<u--);s.push(\"
\".charCodeAt(0));if(s=s.concat(L),l)for(;L.length<u--);s.push(\" \".charCodeAt(0))}else
if(v==\"c\".charCodeAt(0)){for(l&&s.push(e(\"i8\"));--u>0;s.push(\" \".charCodeAt(0));l|s.push(e(\"i8\"))}else
if(v==\"n\".charCodeAt(0)){var X=e(\"i32*\");Se[X>>2]=s.length}else if(v==\"%\".charCodeAt(0))s.push(i);else
for(var O=n;O<f+2;O++)s.push(Ae[O]);f+=2}else s.push(i),f+=1}return s}function xa(r,a,e,i){for(var
v=Ua(e,i),t=void 0===a?v.length:Math.min(v.length,a-1),f=0;f<t;f++)Ae[r+f]=v[f];return
Ae[r+f]=0,v.length}function za(r,a,e){return xa(r,void 0,a,e)}function Va(r){return r
in{32:0,9:0,10:0,11:0,12:0,13:0}}function Ba(r){return
r>=\"0\".charCodeAt(0)&&r<=\"9\".charCodeAt(0)}function Ha(r){for(var
a;(a=Ae[r])&&Va(a);r++;if(!a||!Ba(a))return 0;for(var e=r;(a=Ae[e])&&Ba(a);e++;return
Math.floor(Number(s(r).substr(0,e-r)))}function Ka(r){throw ke=!0,\"ABORT: \"+r+\"\", at \"+(new
Error).stack}function Ya(r){return Ya.ret||(Ya.ret=_[0],\"i32\",we),Se[Ya.ret>>2]=r,r}function Ga(r,a,e,i){var
v=$e.streams[r];if(!v||v.object.isDevice)return Ya(Ge.EBADF),-1;if(v.isWrite){if(v.object.isFolder)return
Ya(Ge.EISDIR),-1;if(e<0||i<0)return Ya(Ge.EINVAL),-1;for(var t=v.object.contents;t.length<i;t.push(0);for(var
f=0;f<e;f++)t[f]=ge[a+f];return v.object.timestamp=Date.now(),f}return Ya(Ge.EACCES),-1}function
Wa(r,a,e){var i=$e.streams[r];if(i){if(i.isWrite){if(e<0)return Ya(Ge.EINVAL),-
1;if(i.object.isDevice){if(i.object.output){for(var v=0;v<e;v++)try{i.object.output(Ae[a+v])}catch(r){return
Ya(Ge.EIO),-1}return i.object.timestamp=Date.now(),v}return Ya(Ge.ENXIO),-1}var t=Ga(r,a,e,i.position);return
t!=-1&&(i.position+=t),t}return Ya(Ge.EACCES),-1}return Ya(Ge.EBADF),-1}function Za(r,a,e,i){var
v=e*a;if(0===v)return 0;var t=Wa(i,r,v);return t===-1?($e.streams[i]&&($e.streams[i].error=!0),-
1):Math.floor(t/a)}function Qa(r,a,e){var i=Ua(a,e),v=le.stackSave(),t=Za(_(i,\"i8\",de),1,i.length,r);return
le.stackRestore(v),t}function qa(r){switch(r){case 8:return Pe;case 54:case 56:case 21:case 61:case 63:case 22:case
67:case 23:case 24:case 25:case 26:case 27:case 69:case 28:case 101:case 70:case 71:case 29:case 30:case 199:case
75:case 76:case 32:case 43:case 44:case 80:case 46:case 47:case 45:case 48:case 49:case 42:case 82:case 33:case
7:case 108:case 109:case 107:case 112:case 119:case 121:return 200809;case 13:case 104:case 94:case 95:case
34:case 35:case 77:case 81:case 83:case 84:case 85:case 86:case 87:case 88:case 89:case 90:case 91:case 94:case
95:case 110:case 111:case 113:case 114:case 115:case 116:case 117:case 118:case 120:case 40:case 16:case 79:case
19:return-1;case 92:case 93:case 5:case 72:case 6:case 74:case 92:case 93:case 96:case 97:case 98:case 99:case
102:case 103:case 105:return 1;case 38:case 66:case 50:case 51:case 4:return 1024;case 15:case 64:case 41:return
32;case 55:case 37:case 17:return 2147483647;case 18:case 1:return 47839;case 59:case 57:return 99;case 68:case
58:return 2048;case 0:return 2097152;case 3:return 65536;case 14:return 32768;case 73:return 32767;case 39:return
16384;case 60:return 1e3;case 106:return 700;case 52:return 256;case 62:return 255;case 2:return 100;case 65:return
64;case 36:return 20;case 100:return 16;case 20:return 6;case 53:return 4}return Ya(Ge.EINVAL),-1}function
$a(r){var a=Math.floor(Date.now()/1e3);return r&&(Se[r>>2]=a),a}function Ja(){return Ya.ret}function re(r){var
a=re;a.called||(Ie=o(Ie),a.called=!0);var e=Ie;return 0!=r&&le.staticAlloc(r),e}function ae(){return
Se[ae.buf>>2]}function ee(r){r=r||Module.arguments,k();var a=null;return
Module._main&&(a=Module.callMain(r),Module.noExitRuntime||u()),a}var ie=[],ve=false,te=\"object\"==typeof
window,fe=\"function\"==typeof

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importScripts,_e=!te&&!ve&&!fe;if(ve){print=function(r){process.stdout.write(r+"\n")},printErr=function(r){pr
ocess.stderr.write(r+"\n")};var se=require("\fs");read=function(r){var a=se.readFileSync(r).toString();return
a||"^\ "==r[0]}(r=__dirname.split("\").slice(0,-
1).join("\")+"/src/"+r,a=se.readFileSync(r).toString(),a),load=function(a){r(read(a))},ie=process.argv.slice(2)}el
se if(_e)this.read||(this.read=function(r){snarf(r)}),\undefined\!=typeof
scriptArgs?ie=scriptArgs:\undefined\!=typeof arguments&&(ie=arguments);else
if(te)this.print=printErr=function(r){console.log(r)},this.read=function(r){var a=new XMLHttpRequest;return
a.open("\GET",r,!1),a.send(null),a.responseText},this.arguments&&(ie=arguments);else{if(!fe)throw"Unknown
runtime environment. Where are we?";this.load=importScripts}\undefined\==typeof
load&&\undefined\!=typeof read&&(this.load=function(a){r(read(a))}),\undefined\==typeof
printErr&&(this.printErr=function(){}),\undefined\==typeof
print&&(this.print=printErr);try{this.Module=Module}catch(r){this.Module=Module={}}Module.arguments||(Mod
ule.arguments=ie),Module.print&&(print=Module.print);var ne,oe,le={stackSave:function(){return
Oe},stackRestore:function(r){Oe=r},forceAlign:function(r,a){if(a=a||4,1==a)return
r;if(isNumber(r)&&isNumber(a))return Math.ceil(r/a)*a;if(isNumber(a)&&isPowerOfTwo(a)){var
e=log2(a);return"(((("+r+"\")+"+(a-
1)+\")>>"+e+"\")<<"+e+"\")"}return"Math.ceil(("+r+"\")^(+a+"\")*"+a)},isNumberType:function(r){return r in
le.INT_TYPES||r in le.FLOAT_TYPES},isPointerType:function(r){return"*"==r[r.length-
1]},isStructType:function(r){return!isPointerType(r)&&(!!/^\\\[\[\d+\| x\| \| (.*)\| \|]/.test(r)||(!/<?{ [^]*
}>?/.test(r)||"% "==r[0]))},INT_TYPES:{i1:0,i8:0,i16:0,i32:0,i64:0},FLOAT_TYPES:{float:0,double:0},bitshift64:
function(r,e,i,v){var t=Math.pow(2,v)-1;if(v<32)switch(i){case"shl":return[r<<v,e<<v|(r&t<<32-v)>>>32-
v];case"ashr":return[(r>>>v|(e&t)<<32-v)>>>0,e>>>v>>>0];case"lshr":return[(r>>>v|(e&t)<<32-
v)>>>0,e>>>v]}else
if(32==v)switch(i){case"shl":return[0,r];case"ashr":return[e,(0e)<0?t:0];case"lshr":return[e,0]}else
switch(i){case"shl":return[0,r<<v-32];case"ashr":return[e>>>v-32>>>0,(0e)<0?t:0];case"lshr":return[e>>>v-
32,0]}a("unknown bitshift64 op: "+[value,i,v]),or64:function(r,a){var
e=0|r|(0|a),i=4294967296*(Math.round(r/4294967296)|Math.round(a/4294967296));return
e+i},and64:function(r,a){var
e=(0|r)&(0|a),i=4294967296*(Math.round(r/4294967296)&Math.round(a/4294967296));return
e+i},xor64:function(r,a){var
e=(0|r)^(0|a),i=4294967296*(Math.round(r/4294967296)^Math.round(a/4294967296));return
e+i},getNativeTypeSize:function(r,a){if(1==le.QUANTUM_SIZE)return 1;var
i={"%i1":1,"%i8":1,"%i16":2,"%i32":4,"%i64":8,"%float":4,"%double":8}[+"\r"];if(!i){if("\*"==r[r.len
gth-1])i=le.QUANTUM_SIZE;else if("\i"==r[0]){var v=parseInt(r.substr(1));e(v%8==0),i=v/8}return
i},getNativeFieldSize:function(r){return
Math.max(le.getNativeTypeSize(r),le.QUANTUM_SIZE)},dedup:function(r,a){var e={};return
a?r.filter(function(r){return!e[r[a]]&&(e[r[a]]!=0,!0)}):r.filter(function(r){return!e[r]&&(e[r]!=0,!0)}),set:function(
){for(var r="\object"==typeof arguments[0]?arguments[0]:arguments,a={},e=0;e<r.length;e++)a[r[e]]=0;return
a},calculateStructAlignment:function(r){r.flatSize=0,r.alignSize=0;var a=[],e=-1;return
r.flatIndexes=r.fields.map(function(i){var
v,t;if(le.isNumberType(i)||le.isPointerType(i))v=le.getNativeTypeSize(i),t=v;else{if(!le.isStructType(i))throw"Uncl
ear type in struct: "+i+"\", in "+r.name_+"\":
\ "+dump(Types.types[r.name_]);v=Types.types[i].flatSize,t=Types.types[i].alignSize}t=r.packed?1:Math.min(t,le.Q
UANTUM_SIZE),r.alignSize=Math.max(r.alignSize,t);var f=le.alignMemory(r.flatSize,t);return
r.flatSize=f+v,e>=0&&a.push(f-
e),e=f,f}),r.flatSize=le.alignMemory(r.flatSize,r.alignSize),0==a.length?r.flatFactor=r.flatSize:1==le.dedup(a).lengt
h&&(r.flatFactor=a[0]),r.needsFlattening=1!=r.flatFactor,r.flatIndexes},generateStructInfo:function(r,a,i){var
v,t;if(a){if(i=i||0,v=(\undefined"==typeof Types?le.typeInfo:Types.types)[a,!v])return

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null;e(v.fields.length===r.length,\"Number of named fields must match the type for \"+a,t=v.flatIndexes}else{var
v={fields:r.map(function(r){return r[0]})};t=le.calculateStructAlignment(v)}var f={__size__:v.flatSize};return
a?r.forEach(function(r,a){if(\"string\"!==typeof r)f[r]=t[a]+i}else{var e;for(var _ in
r)e=_;f[e]=le.generateStructInfo(r[e],v.fields[a],t[a])}}):r.forEach(function(r,a){f[r[1]]=t[a]}),f,stackAlloc:function
(r){var a=Oe;return Oe+=r,Oe=Oe+3>>2<<2,a},staticAlloc:function(r){var a=Ie;return
Ie+=r,Ie=Ie+3>>2<<2,Ie>=Le&&l(),a},alignMemory:function(r,a){var e=r=Math.ceil(r/(a?4:1))*(a?4:1);return
e},makeBigInt:function(r,a,e){var i=e?(r>>>0)+4294967296*(a>>>0):(r>>>0)+4294967296*(0|a);return
i},QUANTUM_SIZE:4,__dummy__:0,be={MAX_ALLOWED:0,corrections:0,sigs:{},note:function(r,e,i){e||(this.
corrections++,this.corrections>=this.MAX_ALLOWED&&a(\"\\n\\n\\nToo many
corrections!\")}),print:function(){},ke=!1,ue=0,ce=this;Module.ccall=i,Module.setValue=t,Module.getValue=f;var
he=0,de=1,we=2;Module.ALLOC_NORMAL=he,Module.ALLOC_STACK=de,Module.ALLOC_STATIC=we,Mo
dule.allocate=_ ,Module.Pointer_stringify=s,Module.Array_stringify=n;var
pe,Ee,Ae,ge,ye,me,Se,Me,Ce,Re,Te,Oe,Ne,Ie,Pe=4096,De=Module.TOTAL_STACK||5242880,Le=Module.TOTA
L_MEMORY||10485760;Module.FAST_MEMORY||2097152;e(!(Int32Array&&Float64Array&&new
Int32Array(1).subarray&&new Int32Array(1).set),\"Cannot fallback to non-typed array case: Code is too
specialized\");var Fe=new ArrayBuffer(Le);Ae=new Int8Array(Fe),ye=new Int16Array(Fe),Se=new
Int32Array(Fe),ge=new Uint8Array(Fe),me=new Uint16Array(Fe),Me=new Uint32Array(Fe),Ce=new
Float32Array(Fe),Re=new Float64Array(Fe),Se[0]=255,e(255===ge[0]&&0===ge[3],\"Typed arrays 2 must be run
on a little-endian system\");var Xe=p(\"(null)\");Ie=Xe.length;for(var
je=0;je<Xe.length;je++)Ae[je]=Xe[je];Module.HEAP=Ee,Module.HEAP8=Ae,Module.HEAP16=ye,Module.HEAP
32=Se,Module.HEAPU8=ge,Module.HEAPU16=me,Module.HEAPU32=Me,Module.HEAPF32=Ce,Module.HEAP
F64=Re,Te=Oe=le.alignMemory(Ie),Ne=Te+De;var
Ue=le.alignMemory(Ne,8),xe=(Ae.subarray(Ue),Se.subarray(Ue>>2)),ze=(Ce.subarray(Ue>>2),Re.subarray(Ue>>3
));Ne=Ue+8,Ie=o(Ne);var
Ve=[],Be=[];Module.Array_copy=c,Module.TypedArray_copy=h,Module.String_len=d,Module.String_copy=w,Mo
dule.intArrayFromString=p,Module.intArrayToString=E,Module.writeStringToMemory=A;var
He=[],Ke=0;O.X=1,N.X=1,V.X=1,H.X=1,G.X=1,W.X=1,q.X=1,$.X=1,rr.X=1,ar.X=1,er.X=1,vr.X=1,nr.X=1,or.X=
1,kr.X=1,hr.X=1,Ar.X=1,Sr.X=1,Tr.X=1,Ir.X=1,Pr.X=1,Dr.X=1,Lr.X=1,Fr.X=1,Xr.X=1,zr.X=1,Vr.X=1,Br.X=1,Gr
.X=1,$r.X=1,Module._malloc=Jr,Jr.X=1,ra.X=1,aa.X=1,ea.X=1,ia.X=1,Module._free=va,va.X=1,_a.X=1,sa.X=1,na
.X=1,oa.X=1,la.X=1,da.X=1,Ma.X=1;var
Ye,Ge={E2BIG:7,EACCES:13,EADDRINUSE:98,EADDRNOTAVAIL:99,EAFNOSUPPORT:97,EAGAIN:11,E
ALREADY:114,EBADF:9,EBADMSG:74,EBUSY:16,ECANCELED:125,ECHILD:10,ECONNABORTED:103,E
CONNREFUSED:111,ECONNRESET:104,EDEADLK:35,EDESTADDRREQ:89,EDOM:33,EDQUOT:122,EEXI
ST:17,EFAULT:14,EFBIG:27,EHOSTUNREACH:113,EIDRM:43,EILSEQ:84,EINPROGRESS:115,EINTR:4,EIN
VAL:22,EIO:5,EISCONN:106,EISDIR:21,ELOOP:40,EMFILE:24,EMLINK:31,EMSGSIZE:90,EMULTIHOP:72,
ENAMETOOLONG:36,ENETDOWN:100,ENETRESET:102,ENETUNREACH:101,ENFILE:23,ENOBUFS:105,
ENODATA:61,ENODEV:19,ENOENT:2,ENOEXEC:8,ENOLCK:37,ENOLINK:67,ENOMEM:12,ENOMSG:42,E
NOPROTOOPT:92,ENOSPC:28,ENOSR:63,ENOSTR:60,ENOSYS:38,ENOTCONN:107,ENOTDIR:20,ENOTEM
PTY:39,ENOTRECOVERABLE:131,ENOTSOCK:88,ENOTSUP:95,ENOTTY:25,ENXIO:6,E_OVERFLOW:75,E
OWNERDEAD:130,EPERM:1,EPIPE:32,EPROTO:71,EPROTONOSUPPORT:93,EPROTOTYPE:91,ERANGE:3
4,EROFS:30,ESPIPE:29,ESRCH:3,ESTALE:116,ETIME:62,ETIMEDOUT:110,ETXTBSY:26,EWOULDBLOCK:
11,EXDEV:18},We=0,Ze=0,Qe=0,qe=0,$e={currentPath:\"^\",nextNode:2,streams:[null],ignorePermissions:!0,abso
lutePath:function(r,a){if(\"string\"!==typeof r)return null;void
0===a&&(a=$e.currentPath),r&&\"^\"===r[0]&&(a=\"\");for(var
e=a+\"^\"+r,i=e.split(\"^\"),v=[\"^\"],i.length){var
t=i.pop();\".\"===t||\".\"===t||(\".\"===t?v.length>1&&v.pop():v.push(t))return
1===v.length?\"^\":v.join(\"^\")},analyzePath:function(r,a,e){var
i={isRoot:!1,exists:!1,error:0,name:null,path:null,object:null,parentExists:!1,parentPath:null,parentObject:null};if(r=

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$.absolutePath(r),\"^\"==r)i.isRoot=!0,i.exists=i.parentExists=!0,i.name=\"^\",i.path=i.parentPath=\"^\",i.object=i.parentObject=$.root;else if(null!==(r)){e=e||0,r=r.slice(1).split(\"^\");for(var v=$.root,t=[\"^\"];r.length;){l==r.length&&v.isFolder&&(i.parentExists=!0,i.parentPath=l==t.length?\"^\":t.join(\"^\"),i.parentObject=v,i.name=r[0]);var f=r.shift();if(!v.isFolder){i.error=Ge.ENOTDIR;break}if(!v.read){i.error=Ge.EACCES;break}if(!v.contents.hasOwnProperty(f)){i.error=Ge.ENOENT;break}if(v=v.contents[f],v.link&&(!a||0!=r.length)){if(e>40){i.error=Ge.ELOOP;break}var _=$.absolutePath(v.link,t.join(\"^\"));return}$.analyzePath([_].concat(r).join(\"^\"),a,e+1)}t.push(f,0==r.length&&(i.exists=!0,i.path=t.join(\"^\"),i.object=v)}return i},findObject:function(r,a){$.ensureRoot();var e=$.analyzePath(r,a);return e.exists?e.object:(Ya(e.error,null)),createObject:function(r,a,e,i,v){if(r||(r=\"^\"),\"string\"==typeof r&&(r=$.findObject(r),!r)throw Ya(Ge.EACCES),new Error(\"Parent path must exist.\");if(!r.isFolder)throw Ya(Ge.ENOTDIR),\nnew Error(\"Parent must be a folder.\");if(!r.write&&!$.ignorePermissions)throw Ya(Ge.EACCES),new Error(\"Parent folder must be writeable.\");if(!a||\".\"==a||\"..\"==a)throw Ya(Ge.ENOENT),new Error(\"Name must not be empty.\");if(r.contents.hasOwnProperty(a))throw Ya(Ge.EEXIST),new Error(\"Can't overwrite object.\");r.contents[a]={read:void 0===i|i,write:void 0!=v&&v,timestamp:Date.now(),inodeNumber:$.nextInode++};for(var t in e)e.hasOwnProperty(t)&&(r.contents[a][t]=e[t]);return r.contents[a]},createFolder:function(r,a,e,i){var v={isFolder:!0,isDevice:!1,contents:{}};return $.createObject(r,a,v,e,i)},createPath:function(r,a,e,i){var v=$.findObject(r);if(null===v)throw new Error(\"Invalid parent.\");for(a=a.split(\"^\").reverse();a.length;){var t=a.pop();t&&(v.contents.hasOwnProperty(t)||$.createFolder(v,t,e,i),v=v.contents[t])}return v},createFile:function(r,a,e,i,v){return e.isFolder=!1,$.createObject(r,a,e,i,v)},createDataFile:function(r,a,e,i,v){if(\"string\"==typeof e){for(var t=new Array(e.length),f=0,_=e.length;f<_;++f)t[f]=e.charCodeAtAt(f);e=t}var s={isDevice:!1,contents:e};return $.createFile(r,a,s,i,v)},createLazyFile:function(r,a,e,i,v){var t={isDevice:!1,url:e};return $.createFile(r,a,t,i,v)},createLink:function(r,a,e,i,v){var t={isDevice:!1,link:e};return $.createFile(r,a,t,i,v)},createDevice:function(r,a,e,i){if(!e&&!i)throw new Error(\"A device must have at least one callback defined.\");var v={isDevice:!0,input:e,output:i};return $.createFile(r,a,v,Boolean(e),Boolean(i))},forceLoadFile:function(r){if(r.isDevice||r.isFolder||r.link||r.contents)return !0;var a=!0;if(\"undefined\"!=typeof XMLHttpRequest)e(\"Cannot do synchronous binary XHRs in modern browsers. Use --embed-file or --preload-file in emcc\");else{if(\"undefined\"==typeof read)throw new Error(\"Cannot load without read() or XMLHttpRequest.\");try{r.contents=p(read(r.url),!0)}catch(r){a=!1}}return a||Ya(Ge.EIO),a},ensureRoot:function(){$.root||($.root={read:!0,write:!0,isFolder:!0,isDevice:!1,timestamp:Date.now(),inodeNumber:1,contents:{}})},init:function(r,a,i){function v(r){null===r||r===\"\\n\".charCodeAt(0)?(a.printer(a.buffer.join(\"\\n\")),a.buffer=[]):a.buffer.push(String.fromCharCode(r))}e(!$.init.initialized,\"FS.init was previously called. If you want to initialize later with custom parameters, remove any earlier calls (note that one is automatically added to the generated code)\",$.init.initialized=!0,$.ensureRoot(),r=r||Module.stdin,a=a||Module.stdout,i=i||Module.stderr;var t=!0,f=!0,s=!0;r||(t=!1,r=function(){if(!r.cache||r.cache.length){var a;\"undefined\"!=typeof window&&\"function\"==typeof window.prompt?a=window.prompt(\"Input: \"):\"function\"==typeof readline&&(a=readline()),a||(a=\"\\n\"),r.cache=p(a+\"\\n\\n\",!0)}return r.cache.shift()}),a||(f=!1,a=v),a.printer||(a.printer=print),a.buffer||(a.buffer=[]),i||(s=!1,i=v),i.printer||(i.printer=print),i.buffer||(i.buffer=[]),$.createFolder(\"^\",\"tmp\",!0,!0);var n=$.createFolder(\"^\",\"dev\",!0,!0),o=$.createDevice(n,\"stdin\",r),l=$.createDevice(n,\"stdout\",null,a),b=$.createDevice(n,\"stderr\",null,i);$.createDevice(n,\"tty\",r,a),$$.streams[1]={path:\"/dev/stdin\",object:o,position:0,isRead:!0,isWrite:!1,isAppend:!1,isTerminal:!t,error:!1,eof:!1,ungotten:[]},$.streams[2]={path:\"/dev/stdout\",object:l,position:0,isRead:!1,isWrite:!0,isAppend:!1,isTerminal:!f,error:!1,eof:!1,ungotten:[]},$.streams[3]={path:\"/dev/stderr\",object:b,position:0,isRead:!1,isWrite:!0,isAppend:!1,isTerminal:!s,error:!1,eof:!1,ungotten:[]},We=_([1,\"void*\",we),Ze=_([2,\"void*\",we),Qe=_([3,\"void*\",we),$$.createPath(\"^\",\"dev/shm/tmp\",!0,!0),$$.streams[We]

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41,0],\"i8\",we),He._symbol_demangle_dashed_null=_([45,45,110,117,108,108,45,45,0],\"i8\",we),He.__str170=_([37,115,37,115,0],\"i8\",we),He.__str1171=_([111,112,101,114,97,116,111,114,32,110,101,119,0],\"i8\",we),He.__str2172=_([111,112,101,114,97,116,111,114,32,100,101,108,101,116,101,0],\"i8\",we),He.__str3173=_([111,112,101,114,97,116,111,114,61,0],\"i8\",we),He.__str4174=_([111,112,101,114,97,116,111,114,62,62,0],\"i8\",we),He.__str5175=_([111,112,101,114,97,116,111,114,60,60,0],\"i8\",we),He.__str6176=_([111,112,101,114,97,116,111,114,33,0],\"i8\",we),He.__str7177=_([111,112,101,114,97,116,111,114,61,61,0],\"i8\",we),He.__str8178=_([111,112,101,114,97,116,111,114,33,61,0],\"i8\",we),He.__str9179=_([111,112,101,114,97,116,111,114,91,93,0],\"i8\",we),He.__str10180=_([111,112,101,114,97,116,111,114,32,0],\"i8\",we),He.__str11181=_([111,112,101,114,97,116,111,114,45,62,0],\"i8\",we),He.__str12182=_([111,112,101,114,97,116,111,114,42,0],\"i8\",we),He.__str13183=_([111,112,101,114,97,116,111,114,43,43,0],\"i8\",we),He.__str14184=_([111,112,101,114,97,116,111,114,45,45,0],\"i8\",we),He.__str15185=_([111,112,101,114,97,116,111,114,45,0],\"i8\",we),He.__str16186=_([111,112,101,114,97,116,111,114,43,0],\"i8\",we),He.__str17187=_([111,112,101,114,97,116,111,114,38,0],\"i8\",we),He.__str18188=_([111,112,101,114,97,116,111,114,45,62,42,0],\"i8\",we),He.__str19189=_([111,112,101,114,97,116,111,114,47,0],\"i8\",we),He.__str20190=_([111,112,101,114,97,116,111,114,37,0],\"i8\",we),He.__str21191=_([111,112,101,114,97,116,111,114,60,0],\"i8\",we),He.__str22192=_([111,112,101,114,97,116,111,114,60,61,0],\"i8\",we),He.__str23193=_([111,112,101,114,97,116,111,114,62,0],\"i8\",we),He.__str24194=_([111,112,101,114,97,116,111,114,62,61,0],\"i8\",we),He.__str25195=_([111,112,101,114,97,116,111,114,44,0],\"i8\",we),He.__str26196=_([111,112,101,114,97,116,111,114,40,41,0],\"i8\",we),He.__str27197=_([111,112,101,114,97,116,111,114,126,0],\"i8\",we),He.__str28198=_([111,112,101,114,97,116,111,114,94,0],\"i8\",we),He.__str29199=_([111,112,101,114,97,116,111,114,124,0],\"i8\",we),He.__str30200=_([111,112,101,114,97,116,111,114,38,38,0],\"i8\",we),He.__str31201=_([111,112,101,114,97,116,111,114,124,124,0],\"i8\",we),He.__str32202=_([111,112,101,114,97,116,111,114,42,61,0],\"i8\",we),He.__str33203=_([111,112,101,114,97,116,111,114,43,61,0],\"i8\",we),He.__str34204=_([111,112,101,114,97,116,111,114,45,61,0],\"i8\",we),He.__str35205=_([111,112,101,114,97,116,111,114,47,61,0],\"i8\",we),He.__str36206=_([111,112,101,114,97,116,111,114,37,61,0],\"i8\",we),He.__str37207=_([111,112,101,114,97,116,111,114,62,62,61,0],\"i8\",we),He.__str38208=_([111,112,101,114,97,116,111,114,60,60,61,0],\"i8\",we),He.__str39209=_([111,112,101,114,97,116,111,114,38,61,0],\"i8\",we),He.__str40210=_([111,112,101,114,97,116,111,114,124,61,0],\"i8\",we),He.__str41211=_([111,112,101,114,97,116,111,114,94,61,0],\"i8\",we),He.__str42212=_([96,118,102,116,97,98,108,101,39,0],\"i8\",we),He.__str43213=_([96,118,98,116,97,98,108,101,39,0],\"i8\",we),He.__str44214=_([96,118,99,97,108,108,39,0],\"i8\",we),He.__str45215=_([96,116,121,112,101,111,102,39,0],\"i8\",we),He.__str46216=_([96,108,111,99,97,108,32,115,116,97,116,105,99,32,103,117,97,114,100,39,0],\"i8\",we),He.__str47217=_([96,115,116,114,105,110,103,39,0],\"i8\",we),He.__str48218=_([96,118,98,97,115,101,32,100,101,115,116,114,117,99,116,111,114,39,0],\"i8\",we),He.__str49219=_([96,118,101,99,116,111,114,32,100,101,108,101,116,105,110,103,32,100,101,115,116,114,117,99,116,111,114,39,0],\"i8\",we),He.__str50220=_([96,100,101,102,97,117,108,116,32,99,111,110,115,116,114,117,99,116,111,114,32,99,108,111,115,117,114,101,39,0],\"i8\",we),He.__str51221=_([96,115,99,97,108,97,114,32,100,101,108,101,116,105,110,103,32,100,101,115,116,114,117,99,116,111,114,39,0],\"i8\",we),He.__str52222=_([96,118,101,99,116,111,114,32,99,111,110,115,116,114,117,99,116,111,114,32,105,116,101,114,97,116,111,114,39,0],\"i8\",we),He.__str53223=_([96,118,101,99,116,111,114,32,100,101,115,116,114,117,99,116,111,114,32,105,116,101,114,97,116,111,114,39,0],\"i8\",we),He.__str54224=_([96,118,101,99,116,111,114,32,118,98,97,115,101,32,99,111,110,115,116,114,117,99,116,111,114,32,105,116,101,114,97,116,111,114,39,0],\"i8\",we),He.__str55225=_([96,118,105,114,116,117,97,108,32,100,105,115,112,108,97,99,101,109,101,110,116,32,109,97,112,39,0],\"i8\",we),He.__str56226=_([96,101,104,32,118,101,99,116,111,114,32,99,111,110,115,116,114,117,99,116,111,114,32,105,116,101,114,97,116,111,114,39,0],\"i8\",we),He.__str57227=_([96,101,104,32,118,101,99,116,111,114,32,100,101,115,116,114,117,99,116,111,114,32,105,116,101,114,97,116,111,114,39,0],\"i8\",we),He.__str58228=_([96,101,104,32,118,101,99,116,111,114,32,118,98,97,115,101,32,99,111,110,115,116,114,117,99,116,111,114,32,105,116,101,114,97,116,111,114,39,0],\"i8\",we),He.__str59229=_([96,99,111,112,121,32,99,111,110,115,116,114,117,99,116,111,114,32,99,108,111,115,117,114,101,39,0],\"i8\",we),He.__str60230=_([37,115,37,115,32,96,82,84,84,73,32,84,121,112,101,32,68,101,115,99,114,105,112,116,111,114,39,0],\"i8\",we),He.__str61231=_([96,82,84,84,73,32,66,97,115,101,32,67,108,97,115,115,32,68,101,115,99,114,105,112,116,111,114,32,97,116,32,40,37,115,44,37,1

15,44,37,115,44,37,115,41,39,0],\"i8\\",we),He.__str62232=_([96,82,84,84,73,32,66,97,115,101,32,67,108,97,115,15,32,65,114,114,97,121,39,0],\"i8\\",we),He.__str63233=_([96,82,84,84,73,32,67,108,97,115,115,32,72,105,101,114,97,114,99,104,121,32,68,101,115,99,114,105,112,116,111,114,39,0],\"i8\\",we),He.__str64234=_([96,82,84,84,73,32,67,111,109,112,108,101,116,101,32,79,98,106,101,99,116,32,76,111,99,97,116,111,114,39,0],\"i8\\",we),He.__str65235=_([96,108,111,99,97,108,32,118,102,116,97,98,108,101,39,0],\"i8\\",we),He.__str66236=_([96,108,111,99,97,108,32,118,102,116,97,98,108,101,32,99,111,110,115,116,114,117,99,116,111,114,32,99,108,111,115,117,114,101,39,0],\"i8\\",we),He.__str67237=_([111,112,101,114,97,116,111,114,32,110,101,119,91,93,0],\"i8\\",we),He.__str68238=_([111,112,101,114,97,116,111,114,32,100,101,108,101,116,101,91,93,0],\"i8\\",we),He.__str69239=_([96,112,108,97,99,101,109,101,110,116,32,100,101,108,101,116,101,32,99,108,111,115,117,114,101,39,0],\"i8\\",we),He.__str70240=_([96,112,108,97,99,101,109,101,110,116,32,100,101,108,101,116,101,91,93,32,99,108,111,115,117,114,101,39,0],\"i8\\",we),He.__str71241=_([126,37,115,0],\"i8\\",we),He.__str72242=_([117,110,100,110,97,109,101,46,99,0],\"i8\\",we),He.__func__symbol_demangle=_([115,121,109,98,111,108,95,100,101,109,97,110,103,108,101,0],\"i8\\",we),He.__str73243=_([115,121,109,45,62,114,101,115,117,108,116,0],\"i8\\",we),He.__func__handle_template=_([104,97,110,100,108,101,95,116,101,109,112,108,97,116,101,0],\"i8\\",we),He.__str74244=_([42,115,121,109,45,62,99,117,114,114,101,110,116,32,61,61,32,39,36,39,0],\"i8\\",we),He.__func__str_array_get_ref=_([115,116,114,95,97,114,114,97,121,95,103,101,116,95,114,101,102,0],\"i8\\",we),He.__str75245=_([99,114,101,102,0],\"i8\\",we),He.__str76246=_([112,114,105,118,97,116,101,58,32,0],\"i8\\",we),He.__str77247=_([112,114,111,116,101,99,116,101,100,58,32,0],\"i8\\",we),He.__str78248=_([112,117,98,108,105,99,58,32,0],\"i8\\",we),He.__str79249=_([115,116,97,116,105,99,32,0],\"i8\\",we),He.__str80250=_([118,105,114,116,117,97,108,32,0],\"i8\\",we),He.__str81251=_([91,116,104,117,110,107,93,58,37,115,0],\"i8\\",we),He.__str82252=_([37,115,96,97,100,106,117,115,116,111,114,123,37,115,125,39,32,0],\"i8\\",we),He.__str83253=_([37,115,32,37,115,0],\"i8\\",we),He.__str84254=_([118,111,105,100,0],\"i8\\",we),He.__str85255=_([37,115,37,115,37,115,0],\"i8\\",we),He.__str86256=_([37,115,37,115,37,115,37,115,37,115,37,115,37,115,37,115,37,115,37,115,0],\"i8\\",we),He.__str87257=_([32,0],\"i8\\",we),He.__str88258=_([100,108,108,95,101,120,112,111,114,116,32,0],\"i8\\",we),He.__str89259=_([99,100,101,99,108,0],\"i8\\",we),He.__str90260=_([112,97,115,99,97,108,0],\"i8\\",we),He.__str91261=_([116,104,105,115,99,97,108,108,0],\"i8\\",we),He.__str92262=_([115,116,100,99,97,108,108,0],\"i8\\",we),He.__str93263=_([102,97,115,116,99,97,108,108,0],\"i8\\",we),He.__str94264=_([99,108,114,99,97,108,108,0],\"i8\\",we),He.__str95265=_([95,95,100,108,108,95,101,120,112,111,114,116,32,0],\"i8\\",we),He.__str96266=_([95,95,99,100,101,99,108,0],\"i8\\",we),He.__str97267=_([95,95,112,97,115,99,97,108,0],\"i8\\",we),He.__str98268=_([95,95,116,104,105,115,99,97,108,108,0],\"i8\\",we),He.__str99269=_([95,95,115,116,100,99,97,108,108,0],\"i8\\",we),He.__str100270=_([95,95,102,97,115,116,99,97,108,108,0],\"i8\\",we),He.__str101271=_([95,95,99,108,114,99,97,108,108,0],\"i8\\",we),He.__str102272=_([95,95,112,116,114,54,52,0],\"i8\\",we),He.__str103273=_([99,111,110,115,116,0],\"i8\\",we),He.__str104274=_([118,111,108,97,116,105,108,101,0],\"i8\\",we),He.__str105275=_([99,111,110,115,116,32,118,111,108,97,116,105,108,101,0],\"i8\\",we),He.__func__get_class_string=_([103,101,116,95,99,108,97,115,115,95,115,116,114,105,110,103,0],\"i8\\",we),He.__str106276=_([97,45,62,101,108,116,115,91,105,93,0],\"i8\\",we),He.__str107277=_([123,102,111,114,32,96,37,115,39,125,0],\"i8\\",we),He.__str108278=_([37,115,37,115,37,115,37,115,37,115,37,115,37,115,37,115,37,115,0],\"i8\\",we),He.__str109279=_([96,37,115,39,0],\"i8\\",we),He.__str110280=_([46,46,46,0],\"i8\\",we),He.__str111281=_([37,99,118,111,105,100,37,99,0],\"i8\\",we),He.__str112282=_([37,115,44,37,115,0],\"i8\\",we),He.__str113283=_([37,99,37,115,37,115,32,37,99,0],\"i8\\",we),He.__str114284=_([37,99,37,115,37,115,37,99,0],\"i8\\",we),He.__func__str_array_push=_([115,116,114,95,97,114,114,97,121,95,112,117,115,104,0],\"i8\\",we),He.__str115285=_([112,116,114,0],\"i8\\",we),He.__str116286=_([97,0],\"i8\\",we),He.__str117287=_([97,45,62,101,108,116,115,91,97,45,62,110,117,109,93,0],\"i8\\",we),He.__str118288=_([37,115,37,100,0],\"i8\\",we),He.__str119289=_([45,0],\"i8\\",we),He.__func__demangle_datatype=_([100,101,109,97,110,103,108,101,95,100,97,116,97,116,121,112,101,0],\"i8\\",we),He.__str121291=_([99,116,0],\"i8\\",we),He.__str122292=_([117,110,105,111,110,32,0],\"i8\\",we),He.__str123293=_([115,116,114,117,99,116,32,0],\"i8\\",we),He.__str124294=_([99,108,97,115,115,32,0],\"i8\\",we),He.__str125295=_([99,111,105,110,116,101,114,102,97,99,101,32,0],\"i8\\",we),He.__str126296=_([96,116,101,109,112,108,97,116,101,45,112,97,114,97,109,101,116,101,114,45,37,115,39,0],\"i8\\",we),He.__str127297=_([37,115,37,115,32,40,37,115,42,0],\"i8\\",we),He.__str128298=_([41,37,115,0],\"i8\\",we),He.__str129299

r7,Se[ri+64>>2]=0|He.__str8,Se[ri+68>>2]=0|He.__str7,Se[ri+80>>2]=0|He.__str9,Se[ri+84>>2]=0|He.__str10,Se[ri+96>>2]=0|He.__str11,Se[ri+100>>2]=0|He.__str12,Se[ri+112>>2]=0|He.__str13,Se[ri+116>>2]=0|He.__str14,Se[ri+128>>2]=0|He.__str15,Se[ri+132>>2]=0|He.__str16,Se[ri+144>>2]=0|He.__str17,Se[ri+148>>2]=0|He.__str18,Se[ri+160>>2]=0|He.__str19,Se[ri+164>>2]=0|He.__str20,Se[ri+176>>2]=0|He.__str21,Se[ri+180>>2]=0|He.__str22,Se[ri+192>>2]=0|He.__str23,Se[ri+196>>2]=0|He.__str24,Se[ri+208>>2]=0|He.__str25,Se[ri+212>>2]=0|He.__str26,Se[ri+224>>2]=0|He.__str27,Se[ri+228>>2]=0|He.__str28,Se[ri+240>>2]=0|He.__str29,Se[ri+244>>2]=0|He.__str30,Se[ri+256>>2]=0|He.__str31,Se[ri+260>>2]=0|He.__str32,Se[ri+272>>2]=0|He.__str33,Se[ri+276>>2]=0|He.__str34,Se[ri+288>>2]=0|He.__str35,Se[ri+292>>2]=0|He.__str36,Se[ri+304>>2]=0|He.__str37,Se[ri+308>>2]=0|He.__str38,Se[ri+320>>2]=0|He.__str39,Se[ri+324>>2]=0|He.__str40,Se[ri+336>>2]=0|He.__str41,Se[ri+340>>2]=0|He.__str42,Se[ri+352>>2]=0|He.__str43,Se[ri+356>>2]=0|He.__str44,Se[ri+368>>2]=0|He.__str45,Se[ri+372>>2]=0|He.__str46,Se[ri+384>>2]=0|He.__str47,Se[ri+388>>2]=0|He.__str48,Se[ri+400>>2]=0|He.__str49,Se[ri+404>>2]=0|He.__str119289,Se[ri+416>>2]=0|He.__str51,Se[ri+420>>2]=0|He.__str20,Se[ri+432>>2]=0|He.__str52,Se[ri+436>>2]=0|He.__str53,Se[ri+448>>2]=0|He.__str54,Se[ri+452>>2]=0|He.__str55,Se[ri+464>>2]=0|He.__str56,Se[ri+468>>2]=0|He.__str57,Se[ri+480>>2]=0|He.__str58,Se[ri+484>>2]=0|He.__str119289,Se[ri+496>>2]=0|He.__str59,Se[ri+500>>2]=0|He.__str60,Se[ri+512>>2]=0|He.__str61,Se[ri+516>>2]=0|He.__str62,Se[ri+528>>2]=0|He.__str63,Se[ri+532>>2]=0|He.__str64,Se[ri+544>>2]=0|He.__str65,Se[ri+548>>2]=0|He.__str66,Se[ri+560>>2]=0|He.__str67,Se[ri+564>>2]=0|He.__str68,Se[ri+576>>2]=0|He.__str69,Se[ri+580>>2]=0|He.__str70,Se[ri+592>>2]=0|He.__str71,Se[ri+596>>2]=0|He.__str72,Se[ri+608>>2]=0|He.__str73,Se[ri+612>>2]=0|He.__str74,Se[ri+624>>2]=0|He.__str75,Se[ri+628>>2]=0|He.__str76,Se[ri+640>>2]=0|He.__str77,Se[ri+644>>2]=0|He.__str72,Se[ri+656>>2]=0|He.__str78,Se[ri+660>>2]=0|He.__str79,Se[ri+672>>2]=0|He.__str80,Se[ri+676>>2]=0|He.__str81,Se[ri+688>>2]=0|He.__str82,Se[ri+692>>2]=0|He.__str83,Se[ri+704>>2]=0|He.__str84,Se[ri+708>>2]=0|He.__str85,Se[ri+720>>2]=0|He.__str86,Se[ri+724>>2]=0|He.__str87,Se[ri+736>>2]=0|He.__str88,Se[ri+740>>2]=0|He.__str89,Se[ri+752>>2]=0|He.__str90,Se[ri+756>>2]=0|He.__str91,Se[ri+768>>2]=0|He.__str92,Se[ri+772>>2]=0|He.__str91,Se[ai>>2]=0|He.__str145315,Se[ai+8>>2]=0|He.__str145315,Se[ai+20>>2]=0|He.__str167337,Se[ai+28>>2]=0|He.__str95,Se[ai+40>>2]=0|He.__str146316,Se[ai+48>>2]=0|He.__str97,Se[ai+60>>2]=0|He.__str155325,Se[ai+68>>2]=0|He.__str155325,Se[ai+80>>2]=0|He.__str156326,Se[ai+88>>2]=0|He.__str156326,Se[ai+100>>2]=0|He.__str154324,Se[ai+108>>2]=0|He.__str154324,Se[ai+120>>2]=0|He.__str101,Se[ai+128>>2]=0|He.__str101,Se[ai+140>>2]=0|He.__str147317,Se[ai+148>>2]=0|He.__str147317,Se[ai+160>>2]=0|He.__str150320,Se[ai+168>>2]=0|He.__str150320,Se[ai+180>>2]=0|He.__str151321,Se[ai+188>>2]=0|He.__str105,Se[ai+220>>2]=0|He.__str152322,Se[ai+228>>2]=0|He.__str152322,Se[ai+240>>2]=0|He.__str153323,Se[ai+248>>2]=0|He.__str153323,Se[ai+260>>2]=0|He.__str165335,Se[ai+268>>2]=0|He.__str165335,Se[ai+280>>2]=0|He.__str166336,Se[ai+288>>2]=0|He.__str166336,Se[ai+360>>2]=0|He.__str148318,Se[ai+368>>2]=0|He.__str148318,Se[ai+380>>2]=0|He.__str149319,Se[ai+388>>2]=0|He.__str149319,Se[ai+420>>2]=0|He.__str84254,Se[ai+428>>2]=0|He.__str84254,Se[ai+440>>2]=0|He.__str168338,Se[ai+448>>2]=0|He.__str146316,Se[ai+460>>2]=0|He.__str114,Se[ai+468>>2]=0|He.__str152322,Se[ai+480>>2]=0|He.__str115,Se[ai+488>>2]=0|He.__str115,Se[ai+500>>2]=0|He.__str110280,Se[ai+508>>2]=0|He.__str110280,Se[ei+4>>2]=0|He.__str152,Se[ei+12>>2]=0|He.__str152,Se[ei+32>>2]=0|He.__str153,Se[ei+40>>2]=0|He.__str153,Se[ei+48>>2]=0|He.__str154,Se[ei+60>>2]=0|He.__str155,Se[ei+68>>2]=0|He.__str155,Se[ei+76>>2]=0|He.__str156,Se[ei+88>>2]=0|He.__str157,Se[ei+96>>2]=0|He.__str158,Se[ei+104>>2]=0|He.__str156,Se[ei+116>>2]=0|He.__str159,Se[ei+124>>2]=0|He.__str160,Se[ei+132>>2]=0|He.__str161,Se[ei+144>>2]=0|He.__str162,Se[ei+152>>2]=0|He.__str163,Se[ei+160>>2]=0|He.__str164,Se[ei+172>>2]=0|He.__str165,Se[ei+180>>2]=0|He.__str166,Se[ei+188>>2]=0|He.__str167,Se[si+4>>2]=bi,Se[ni+4>>2]=ki,oi=[2,0,0,0],[\ "i8*",0,0,0,0,we),Se[bi>>2]=oi+8|0,Se[bi+4>>2]=0|He.__ZTSS9bad_alloc,Se[bi+8>>2]=li,Se[ki>>2]=oi+8|0,Se[ki+4>>2]=0|He.__ZTSS20bad_array_new_length,Se[ki+8>>2]=bi,ui=16,ci=6,hi=18,di=6,wi=6,pe=[0,0,Jr,0,va,0,ya,0,ga,0,wa,0,Sa,0,pa,0,Ea,0,ma,0],Module.FUNCTION_TABLE=pe,Module.run=ee,Module.preRun&&Module.preRun(),0==Ke){ee()}Module.postRun&&Module.postRun(),Module.__cxa_demangle=G;var pi=v(\ "__cxa_demangle",\ "string",\ "string",\ "string",\ "number",\ "number");return function(r){return pi(r,\ "\",1,0)}();\n\n",\ "use strict";\nObject.defineProperty(exports, \ "__esModule", { value: true });\nexports.chromeTreeToNodes = void 0;\nfunction treeToArray(root) {\n const nodes = [];\n function

```

visit(node) {\n    nodes.push({\n        id: node.id,\n        callFrame: {\n            columnNumber: 0,\n            functionName: node.functionName,\n            lineNumber: node.lineNumber,\n            scriptId: node.scriptId,\n            url: node.url,\n        },\n        hitCount: node.hitCount,\n        children: node.children.map(child =>\n            child.id),\n    });\n    node.children.forEach(visit);\n }\n visit(root);\n return nodes;\n}\n\nfunction\n timestampsToDeltas(timestamps, startTime) {\n    return timestamps.map((timestamp, index) => {\n        const\n        lastTimestamp = index === 0 ? startTime * 1000000 : timestamps[index - 1];\n        return timestamp -\n        lastTimestamp;\n    });\n}\n\n/**\n * Convert the old tree-based format to the new flat-array based format\n */\n\nfunction chromeTreeToNodes(content) {\n    // Note that both startTime and endTime are now in\n    microseconds\n    return {\n        samples: content.samples,\n        startTime: content.startTime * 1000000,\n        endTime: content.endTime * 1000000,\n        nodes: treeToArray(content.head),\n        timeDeltas:\n        timestampsToDeltas(content.timestamps, content.startTime),\n    };\n}\n\nexports.chromeTreeToNodes =\n chromeTreeToNodes;\n\n\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n    value: true\n});\n\nexports.Flamechart = void 0;\n\nconst utils_1 = require(\"./utils\");\nconst math_1 = require(\"./math\");\n\nclass\n Flamechart {\n    constructor(source) {\n        this.source = source;\n        // Bottom to top\n        this.layers = [];\n        this.totalWeight = 0;\n        this.minFrameWidth = 1;\n        const stack = [];\n        const openFrame = (node, value)\n => {\n            const parent = utils_1.lastOf(stack);\n            const frame = {\n                node,\n                parent,\n                children: [],\n                start: value,\n                end: value,\n            }; \n            if (parent) {\n                parent.children.push(frame);\n            }\n            stack.push(frame);\n        }; \n        this.minFrameWidth = Infinity;\n        const closeFrame = (node, value) => {\n            console.assert(stack.length > 0);\n            const stackTop =\n            stack.pop();\n            stackTop.end = value;\n            if (stackTop.end - stackTop.start === 0)\n                return;\n            const layerIndex = stack.length;\n            while (this.layers.length <= layerIndex)\n                this.layers.push([]);\n            this.layers[layerIndex].push(stackTop);\n            this.minFrameWidth =\n            Math.min(this.minFrameWidth, stackTop.end - stackTop.start);\n        }; \n        this.totalWeight =\n        source.getTotalWeight();\n        source.forEachCall(openFrame, closeFrame);\n        if\n        (!isFinite(this.minFrameWidth))\n            this.minFrameWidth = 1;\n    }\n\n    getTotalWeight() {\n        return\n        this.totalWeight;\n    }\n\n    getLayers() {\n        return this.layers;\n    }\n\n    getColorBucketForFrame(frame) {\n        return\n        this.source.getColorBucketForFrame(frame);\n    }\n\n    getMinFrameWidth() {\n        return\n        this.minFrameWidth;\n    }\n\n    formatValue(v) {\n        return\n        this.source.formatValue(v);\n    }\n\n    getClampedViewportWidth(viewportWidth) {\n        const\n        maxWidth = this.getTotalWeight();\n        // In order to\n        avoid floating point error, we cap the maximum zoom. In\n        // particular, it's important that at the maximum\n        zoom level, the total\n        // trace size + a viewport width is not equal to the trace size due to\n        // floating point\n        rounding.\n        // For instance, if the profile's total weight is 2^60, and the viewport\n        // size is 1,\n        trying to move one viewport width right will result in no\n        // change because 2^60 + 1 = 2^60 in floating point\n        arithmetic. JavaScript\n        // numbers are 64 bit floats, and therefore have 53 mantissa bits. You can\n        // see\n        this for yourself in the console. Try:\n        // > Math.pow(2, 60) + 1 === Math.pow(2, 60)\n        // true\n        // > Math.pow(2, 53) + 1 === Math.pow(2, 53)\n        // true\n        // > Math.pow(2, 52) + 1 ===\n        Math.pow(2, 52)\n        // false\n        // We use 2^40 as a cap instead, since we want to be able to make\n        small\n        // adjustments within a viewport width.\n        // For reference, this will still allow you to zoom\n        until 1 nanosecond fills\n        // the screen in a profile with a duration of over 18 minutes.\n        // >\n        Math.pow(2, 40) / (60 * Math.pow(10, 9))\n        // 18.325193796266667\n        // const\n        maxZoom =\n        Math.pow(2, 40);\n        // In addition to capping zoom to avoid floating point error, we further cap\n        // zoom to\n        avoid letting you zoom in so that the smallest element more than\n        // fills the screen, since that probably isn't\n        useful. The final zoom cap is\n        // determined by the minimum zoom of either 2^40x zoom or the necessary\n        zoom\n        // for the smallest frame to fill the screen three times.\n        const\n        minWidth = math_1.clamp(3 *\n        this.getMinFrameWidth(),\n        maxWidth / maxZoom,\n        maxWidth);\n        return\n        math_1.clamp(viewportWidth,\n        minWidth,\n        maxWidth);\n    }\n\n    // Given a desired config-space viewport rectangle, clamp the rectangle so\n    // that it fits within the given flamechart. This prevents the viewport from\n    // extending past the bounds of the\n    flamechart or zooming in too far.\n    getClampedConfigSpaceViewportRect({\n        configSpaceViewportRect,\n    }

```



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renderInverted, }) {\n    const configSpaceSize = new math_1.Vec2(this.getTotalWeight(),
this.getLayers().length);\n    const width = this.getClampedViewportWidth(configSpaceViewportRect.size.x);\n    const size = configSpaceViewportRect.size.withX(width);\n    const origin =
math_1.Vec2.clamp(configSpaceViewportRect.origin, new math_1.Vec2(0, renderInverted ? 0 : -1),
math_1.Vec2.max(math_1.Vec2.zero, configSpaceSize.minus(size).plus(new math_1.Vec2(0, 1)));\n    return
new math_1.Rect(origin, configSpaceViewportRect.size.withX(width));\n  }\n}\nexports.Flamechart =
Flamechart;\n", "\"use strict\";\nObject.defineProperty(exports, \"__esModule\", { value: true });\nexports.Rect =
exports.AffineTransform = exports.Vec2 = exports.clamp = void 0;\nfunction clamp(x, minVal, maxVal) {\n  if (x
< minVal)\n    return minVal;\n  if (x > maxVal)\n    return maxVal;\n  return x;\n}\nexports.clamp =
clamp;\nlet Vec2 = /** @class */ (() => {\n  class Vec2 {\n    constructor(x, y) {\n      this.x = x;\n
this.y = y;\n    }\n    withX(x) {\n      return new Vec2(x, this.y);\n    }\n    withY(y) {\n      return
new Vec2(this.x, y);\n    }\n    plus(other) {\n      return new Vec2(this.x + other.x, this.y + other.y);\n
}\n    minus(other) {\n      return new Vec2(this.x - other.x, this.y - other.y);\n    }\n    times(scalar) {\n
return new Vec2(this.x * scalar, this.y * scalar);\n    }\n    timesPointwise(other) {\n      return new
Vec2(this.x * other.x, this.y * other.y);\n    }\n    dividedByPointwise(other) {\n      return new Vec2(this.x /
other.x, this.y / other.y);\n    }\n    dot(other) {\n      return this.x * other.x + this.y * other.y;\n    }\n
equals(other) {\n      return this.x === other.x && this.y === other.y;\n    }\n    approxEquals(other, epsilon
= 1e-9) {\n      return Math.abs(this.x - other.x) < epsilon && Math.abs(this.y - other.y) < epsilon;\n    }\n
length2() {\n      return this.dot(this);\n    }\n    length() {\n      return Math.sqrt(this.length2());\n    }\n
abs() {\n      return new Vec2(Math.abs(this.x), Math.abs(this.y));\n    }\n    static min(a, b) {\n
return new Vec2(Math.min(a.x, b.x), Math.min(a.y, b.y));\n    }\n    static max(a, b) {\n      return new
Vec2(Math.max(a.x, b.x), Math.max(a.y, b.y));\n    }\n    static clamp(v, min, max) {\n      return new
Vec2(clamp(v.x, min.x, max.x), clamp(v.y, min.y, max.y));\n    }\n    flatten() {\n      return [this.x,
this.y];\n    }\n  }\n  Vec2.zero = new Vec2(0, 0);\n  Vec2.unit = new Vec2(1, 1);\n  return
Vec2;\n})();\nexports.Vec2 = Vec2;\nclass AffineTransform {\n  constructor(m00 = 1, m01 = 0, m02 = 0, m10 = 0,
m11 = 1, m12 = 0) {\n    this.m00 = m00;\n    this.m01 = m01;\n    this.m02 = m02;\n    this.m10 = m10;\n
this.m11 = m11;\n    this.m12 = m12;\n  }\n  withScale(s) {\n    let { m00, m01, m02, m10, m11, m12 } =
this;\n    m00 = s.x;\n    m11 = s.y;\n    return new AffineTransform(m00, m01, m02, m10, m11, m12);\n  }\n
static withScale(s) {\n    return new AffineTransform().withScale(s);\n  }\n  scaledBy(s) {\n    return
AffineTransform.withScale(s).times(this);\n  }\n  getScale() {\n    return new Vec2(this.m00, this.m11);\n  }\n
withTranslation(t) {\n    let { m00, m01, m02, m10, m11, m12 } = this;\n    m02 = t.x;\n    m12 = t.y;\n
return new AffineTransform(m00, m01, m02, m10, m11, m12);\n  }\n  static withTranslation(t) {\n    return
new AffineTransform().withTranslation(t);\n  }\n  getTranslation() {\n    return new Vec2(this.m02,
this.m12);\n  }\n  translatedBy(t) {\n    return AffineTransform.withTranslation(t).times(this);\n  }\n  static
betweenRects(from, to) {\n    return AffineTransform.withTranslation(from.origin.times(-1))\n    .scaledBy(new Vec2(to.size.x / from.size.x, to.size.y / from.size.y))\n    .translatedBy(to.origin);\n  }\n  times(other) {\n    const m00 = this.m00 * other.m00 + this.m01 * other.m10;\n    const m01 = this.m00 *
other.m01 + this.m01 * other.m11;\n    const m02 = this.m00 * other.m02 + this.m01 * other.m12 + this.m02;\n
const m10 = this.m10 * other.m00 + this.m11 * other.m10;\n    const m11 = this.m10 * other.m01 + this.m11 *
other.m11;\n    const m12 = this.m10 * other.m02 + this.m11 * other.m12 + this.m12;\n    return new
AffineTransform(m00, m01, m02, m10, m11, m12);\n  }\n  equals(other) {\n    return (this.m00 === other.m00
&&\n    this.m01 === other.m01 &&\n    this.m02 === other.m02 &&\n    this.m10 === other.m10 &&\n
this.m11 === other.m11 &&\n    this.m12 === other.m12);\n  }\n  approxEquals(other, epsilon = 1e-9)
{\n    return (Math.abs(this.m00 - other.m00) < epsilon &&\n    Math.abs(this.m01 - other.m01) < epsilon
&&\n    Math.abs(this.m02 - other.m02) < epsilon &&\n    Math.abs(this.m10 - other.m10) < epsilon
&&\n    Math.abs(this.m11 - other.m11) < epsilon &&\n    Math.abs(this.m12 - other.m12) < epsilon);\n  }\n
timesScalar(s) {\n    const { m00, m01, m02, m10, m11, m12 } = this;\n    return new AffineTransform(s
* m00, s * m01, s * m02, s * m10, s * m11, s * m12);\n  }\n  det() {\n    const { m00, m01, m02, m10, m11,

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m12 } = this;\n    const m20 = 0;\n    const m21 = 0;\n    const m22 = 1;\n    return (m00 * (m11 * m22 -
m12 * m21) - m01 * (m10 * m22 - m12 * m20) + m02 * (m10 * m21 - m11 * m20));\n } \n adj() {\n    const {
m00, m01, m02, m10, m11, m12 } = this;\n    const m20 = 0;\n    const m21 = 0;\n    const m22 = 1;\n    //
Adjugate matrix (a) is the transpose of the\n    // cofactor matrix (c).\n    // \n    // 00 01 02\n    // 10 11 12\n    // 20 21 22\n    const a00 = /* c00 = */ +(m11 * m22 - m12 * m21);\n    const a01 = /* c10 = */ -(m01 * m22
- m02 * m21);\n    const a02 = /* c20 = */ +(m01 * m12 - m02 * m11);\n    const a10 = /* c01 = */ -(m10 *
m22 - m12 * m20);\n    const a11 = /* c11 = */ +(m00 * m22 - m02 * m20);\n    const a12 = /* c21 = */ -(m00
* m12 - m02 * m10);\n    return new AffineTransform(a00, a01, a02, a10, a11, a12);\n } \n inverted() {\n
const det = this.det();\n    if (det === 0)\n        return null;\n    const adj = this.adj();\n    return
adj.timesScalar(1 / det);\n } \n transformVector(v) {\n    return new Vec2(v.x * this.m00 + v.y * this.m01, v.x
* this.m10 + v.y * this.m11);\n } \n inverseTransformVector(v) {\n    const inv = this.inverted();\n    if
(!inv)\n        return null;\n    return inv.transformVector(v);\n } \n transformPosition(v) {\n    return new
Vec2(v.x * this.m00 + v.y * this.m01 + this.m02, v.x * this.m10 + v.y * this.m11 + this.m12);\n } \n
inverseTransformPosition(v) {\n    const inv = this.inverted();\n    if (!inv)\n        return null;\n    return
inv.transformPosition(v);\n } \n transformRect(r) {\n    const size = this.transformVector(r.size);\n    const
origin = this.transformPosition(r.origin);\n    if (size.x < 0 && size.y < 0) {\n        return new
Rect(origin.plus(size), size.abs());\n    } \n    else if (size.x < 0) {\n        return new Rect(origin.withX(origin.x
+ size.x), size.abs());\n    } \n    else if (size.y < 0) {\n        return new Rect(origin.withY(origin.y + size.y),
size.abs());\n    } \n    return new Rect(origin, size);\n } \n inverseTransformRect(r) {\n    const inv =
this.inverted();\n    if (!inv)\n        return null;\n    return inv.transformRect(r);\n } \n flatten() {\n    //
Flatten into GLSL format\n    // prettier-ignore\n    return [\n        this.m00, this.m10, 0,\n        this.m01,
this.m11, 0,\n        this.m02, this.m12, 1,\n    ];\n } \n } \n exports.AffineTransform = AffineTransform;\n let
Rect = /* @class */ (( => {\n    class Rect {\n        constructor(origin, size) {\n            this.origin = origin;\n
this.size = size;\n        } \n        isEmpty() {\n            return this.width() === 0 || this.height() === 0;\n        } \n
width() {\n            return this.size.x;\n        } \n        height() {\n            return this.size.y;\n        } \n
left() {\n            return this.origin.x;\n        } \n        right() {\n            return this.left() + this.width();\n        } \n
top() {\n            return this.origin.y;\n        } \n        bottom() {\n            return this.top() + this.height();\n        } \n
topLeft() {\n            return this.origin;\n        } \n        topRight() {\n            return this.origin.plus(new Vec2(this.width(), 0));\n        } \n
bottomRight() {\n            return this.origin.plus(this.size);\n        } \n        bottomLeft() {\n            return
this.origin.plus(new Vec2(0, this.height()));\n        } \n        withOrigin(origin) {\n            return new Rect(origin,
this.size);\n        } \n        withSize(size) {\n            return new Rect(this.origin, size);\n        } \n        closestPointTo(p)
{\n            return new Vec2(clamp(p.x, this.left(), this.right()), clamp(p.y, this.top(), this.bottom()));\n        } \n
distanceFrom(p) {\n            return p.minus(this.closestPointTo(p)).length();\n        } \n        contains(p) {\n
return this.distanceFrom(p) === 0;\n        } \n        hasIntersectionWith(other) {\n            const top =
Math.max(this.top(), other.top());\n            const bottom = Math.max(top, Math.min(this.bottom(),
other.bottom()));\n            if (bottom - top === 0)\n                return false;\n            const left = Math.max(this.left(),
other.left());\n            const right = Math.max(left, Math.min(this.right(), other.right()));\n            if (right - left ===
0)\n                return false;\n            return true;\n        } \n        intersectWith(other) {\n            const topLeft =
Vec2.max(this.topLeft(), other.topLeft());\n            const bottomRight = Vec2.max(topLeft,
Vec2.min(this.bottomRight(), other.bottomRight()));\n            return new Rect(topLeft,
bottomRight.minus(topLeft));\n        } \n        equals(other) {\n            return this.origin.equals(other.origin) &&
this.size.equals(other.size);\n        } \n        approxEquals(other) {\n            return
this.origin.approxEquals(other.origin) && this.size.approxEquals(other.size);\n        } \n        area() {\n            return
this.size.x * this.size.y;\n        } \n    } \n    Rect.empty = new Rect(Vec2.zero, Vec2.zero);\n    Rect.unit = new
Rect(Vec2.zero, Vec2.unit);\n    Rect.NDC = new Rect(new Vec2(-1, -1), new Vec2(2, 2));\n    return
Rect;\n } ());\n exports.Rect = Rect;\n }, (function(root, factory) {\n    'use strict';\n    // Universal Module Definition
(UMD) to support AMD, CommonJS/Node.js, Rhino, and browsers.\n\n    /* istanbul ignore next */\n    if (typeof
define === 'function' && define.amd) {\n        define('stackframe', [], factory);\n    } else if (typeof exports ===

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'object') {\n    module.exports = factory();\n  } else {\n    root.StackFrame = factory();\n  }\n}(this, function()
{\n  'use strict';\n  function _isNumber(n) {\n    return !isNaN(parseFloat(n)) && isFinite(n);\n  }\n\n  function _capitalize(str) {\n    return str.charAt(0).toUpperCase() + str.substring(1);\n  }\n\n  function _getter(p)
{\n    return function() {\n      return this[p];\n    };\n  }\n\n  var booleanProps = ['isConstructor', 'isEval',
'isNative', 'isToplevel'];\n  var numericProps = ['columnNumber', 'lineNumber'];\n  var stringProps = ['fileName',
'functionName', 'source'];\n  var arrayProps = ['args'];\n  var props = booleanProps.concat(numericProps,
stringProps, arrayProps);\n\n  function StackFrame(obj) {\n    if (!obj) return;\n    for (var i = 0; i <
props.length; i++) {\n      if (obj[props[i]] !== undefined) {\n        this['set' +
_capitalize(props[i])](obj[props[i]]);\n      }\n    }\n\n    StackFrame.prototype = {\n      getArgs:
function() {\n        return this.args;\n      },\n      setArgs: function(v) {\n        if
(Object.prototype.toString.call(v) !== '[object Array]') {\n          throw new TypeError('Args must be an
Array');\n        }\n        this.args = v;\n      },\n\n      getEvalOrigin: function() {\n        return
this.evalOrigin;\n      },\n      setEvalOrigin: function(v) {\n        if (v instanceof StackFrame) {\n
this.evalOrigin = v;\n        } else if (v instanceof Object) {\n          this.evalOrigin = new StackFrame(v);\n
        } else {\n          throw new TypeError('Eval Origin must be an Object or StackFrame');\n        }\n      },\n\n
toString: function() {\n        var fileName = this.getFileName() || '';\n        var lineNumber =
this.getLineNumber() || '';\n        var columnNumber = this.getColumnNumber() || '';\n        var functionName =
this.getFunctionName() || '';\n        if (this.getIsEval()) {\n          if (fileName) {\n            return '[eval] (' +
fileName + ':' + lineNumber + ':' + columnNumber + ')';\n          }\n          return '[eval]:' + lineNumber + ':' +
columnNumber;\n        }\n        if (functionName) {\n          return functionName + ' (' + fileName + ':' +
lineNumber + ':' + columnNumber + ')';\n        }\n        return fileName + ':' + lineNumber + ':' +
columnNumber;\n      }\n    };\n\n    StackFrame.fromString = function StackFrame$$fromString(str) {\n      var
argsStartIndex = str.indexOf('(');\n      var argsEndIndex = str.lastIndexOf('');\n      var functionName =
str.substring(0, argsStartIndex);\n      var args = str.substring(argsStartIndex + 1, argsEndIndex).split(',');\n      var
locationString = str.substring(argsEndIndex + 1);\n\n      if (locationString.indexOf('@') === 0) {\n        var parts
= /@(.+?)(?:(\\d+)?(?::(\\d+))?)?$/exec(locationString, '');\n        var fileName = parts[1];\n        var lineNumber
= parts[2];\n        var columnNumber = parts[3];\n      }\n\n      return new StackFrame({\n        functionName:
functionName,\n        args: args || undefined,\n        fileName: fileName,\n        lineNumber:
lineNumber || undefined,\n        columnNumber: columnNumber || undefined\n      });\n    };\n\n    for (var i = 0; i
< booleanProps.length; i++) {\n      StackFrame.prototype['get' + _capitalize(booleanProps[i])] =
_getter(booleanProps[i]);\n      StackFrame.prototype['set' + _capitalize(booleanProps[i])] = (function(p) {\n
return function(v) {\n        this[p] = Boolean(v);\n      };\n    })(booleanProps[i]);\n    }\n\n    for (var j = 0;
j < numericProps.length; j++) {\n      StackFrame.prototype['get' + _capitalize(numericProps[j])] =
_getter(numericProps[j]);\n      StackFrame.prototype['set' + _capitalize(numericProps[j])] = (function(p) {\n
return function(v) {\n        if (!_isNumber(v)) {\n          throw new TypeError(p + ' must be a Number');\n
        }\n        this[p] = Number(v);\n      };\n    })(numericProps[j]);\n    }\n\n    for (var k = 0; k <
stringProps.length; k++) {\n      StackFrame.prototype['get' + _capitalize(stringProps[k])] =
_getter(stringProps[k]);\n      StackFrame.prototype['set' + _capitalize(stringProps[k])] = (function(p) {\n
return function(v) {\n        this[p] = String(v);\n      };\n    })(stringProps[k]);\n    }\n\n    return
StackFrame;\n  });\n}
"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed
under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n * @flow\n
*/\n\nexport const CHROME_WEBSTORE_EXTENSION_ID = 'fmkadmapgofadopljbjfkapdkoienihi';\nexport
const INTERNAL_EXTENSION_ID = 'dnjnjbfilfphmojnmhliehogmojhcl';\nexport const
LOCAL_EXTENSION_ID = 'kiahnpldjdmpkfmhjdjilojhgcbf';\n\n// Flip this flag to true to enable verbose
console debug logging.\nexport const __DEBUG__ = false;\n\n// Flip this flag to true to enable performance.mark()
and performance.measure() timings.\nexport const __PERFORMANCE_PROFILE__ = false;\n\nexport const
TREE_OPERATION_ADD = 1;\nexport const TREE_OPERATION_REMOVE = 2;\nexport const
TREE_OPERATION_REORDER_CHILDREN = 3;\nexport const

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TREE_OPERATION_UPDATE_TREE_BASE_DURATION = 4;\nexport const
TREE_OPERATION_UPDATE_ERRORS_OR_WARNINGS = 5;\nexport const
TREE_OPERATION_REMOVE_ROOT = 6;\nexport const TREE_OPERATION_SET_SUBTREE_MODE =
7;\n\nexport const LOCAL_STORAGE_DEFAULT_TAB_KEY = 'React::DevTools::defaultTab';\n\nexport const
LOCAL_STORAGE_FILTER_PREFERENCES_KEY =\n 'React::DevTools::componentFilters';\n\nexport const
SESSION_STORAGE_LAST_SELECTION_KEY =\n 'React::DevTools::lastSelection';\n\nexport const
LOCAL_STORAGE_OPEN_IN_EDITOR_URL =\n 'React::DevTools::openInEditorUrl';\n\nexport const
LOCAL_STORAGE_PARSE_HOOK_NAMES_KEY =\n 'React::DevTools::parseHookNames';\n\nexport const
SESSION_STORAGE_RECORD_CHANGE_DESCRIPTIONS_KEY =\n
'React::DevTools::recordChangeDescriptions';\n\nexport const
SESSION_STORAGE_RELOAD_AND_PROFILE_KEY =\n 'React::DevTools::reloadAndProfile';\n\nexport
const LOCAL_STORAGE_SHOULD_BREAK_ON_CONSOLE_ERRORS =\n
'React::DevTools::breakOnConsoleErrors';\n\nexport const
LOCAL_STORAGE_SHOULD_PATCH_CONSOLE_KEY =\n
'React::DevTools::appendComponentStack';\n\nexport const
LOCAL_STORAGE_SHOW_INLINE_WARNINGS_AND_ERRORS_KEY =\n
'React::DevTools::showInlineWarningsAndErrors';\n\nexport const
LOCAL_STORAGE_TRACE_UPDATES_ENABLED_KEY =\n
'React::DevTools::traceUpdatesEnabled';\n\nexport const
LOCAL_STORAGE_HIDE_CONSOLE_LOGS_IN_STRICT_MODE =\n
'React::DevTools::hideConsoleLogsInStrictMode';\n\nexport const PROFILER_EXPORT_VERSION =
5;\n\nexport const CHANGE_LOG_URL =\n 'https://github.com/facebook/react/blob/main/packages/react-
devtools/CHANGELOG.md';\n\nexport const UNSUPPORTED_VERSION_URL =\n
'https://reactjs.org/blog/2019/08/15/new-react-devtools.html#how-do-i-get-the-old-version-back';\n\nexport const
REACT_DEVTOOLS_WORKPLACE_URL =\n 'https://fburl.com/react-devtools-workplace-group';\n\nimport
type {\n Theme,\n DisplayDensity,\n} from './devtools/views/Settings/SettingsContext';\n\nexport const
THEME_STYLES: {[style: Theme | DisplayDensity]: any} = {\n light: {\n '--color-attribute-name': '#ef6632',\n
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0.05)',\n  '--color-scroll-caret': 'rgba(150, 150, 150, 0.5)',\n  '--color-tab-selected-border': '#0088fa',\n  '--color-
text': '#000000',\n  '--color-text-invalid': '#ff0000',\n  '--color-text-selected': '#ffffff',\n  '--color-toggle-
background-invalid': '#fc3a4b',\n  '--color-toggle-background-on': '#0088fa',\n  '--color-toggle-background-off':
'#cfd1d5',\n  '--color-toggle-text': '#ffffff',\n  '--color-warning-background': '#fb3655',\n  '--color-warning-
background-hover': '#f82042',\n  '--color-warning-text-color': '#ffffff',\n  '--color-warning-text-color-inverted':
'#fd4d69',\n\n  // The styles below should be kept in sync with 'root.css'\n  // They are repeated there because
they're used by e.g. tooltips or context menus\n  // which get rendered outside of the DOM subtree (where normal
theme/styles are written).\n  '--color-scroll-thumb': '#c2c2c2',\n  '--color-scroll-track': '#fafafa',\n  '--color-tooltip-
background': 'rgba(0, 0, 0, 0.9)',\n  '--color-tooltip-text': '#ffffff',\n  },\n  dark: {\n  '--color-attribute-name':
'#9d87d2',\n  '--color-attribute-name-not-editable': '#ededed',\n  '--color-attribute-name-inverted': '#282828',\n  '--
color-attribute-value': '#cedae0',\n  '--color-attribute-value-inverted': '#ffffff',\n  '--color-attribute-editable-value':
'yellow',\n  '--color-background': '#282c34',\n  '--color-background-hover': 'rgba(255, 255, 255, 0.1)',\n  '--color-
background-inactive': '#3d424a',\n  '--color-background-invalid': '#5c0000',\n  '--color-background-selected':
'#178fb9',\n  '--color-button-background': '#282c34',\n  '--color-button-background-focus': '#3d424a',\n  '--color-
button': '#afb3b9',\n  '--color-button-active': '#61dafb',\n  '--color-button-disabled': '#4f5766',\n  '--color-button-
focus': '#a2e9fc',\n  '--color-button-hover': '#ededed',\n  '--color-border': '#3d424a',\n  '--color-commit-did-not-
render-fill': '#777d88',\n  '--color-commit-did-not-render-fill-text': '#000000',\n  '--color-commit-did-not-render-
pattern': '#666c77',\n  '--color-commit-did-not-render-pattern-text': '#ffffff',\n  '--color-commit-gradient-0':

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#37afa9',\n  '--color-commit-gradient-1': '#63b19e',\n  '--color-commit-gradient-2': '#80b393',\n  '--color-commit-gradient-3': '#97b488',\n  '--color-commit-gradient-4': '#abb67d',\n  '--color-commit-gradient-5': '#beb771',\n  '--color-commit-gradient-6': '#cfb965',\n  '--color-commit-gradient-7': '#dfba57',\n  '--color-commit-gradient-8': '#efbb49',\n  '--color-commit-gradient-9': '#febc38',\n  '--color-commit-gradient-text': '#000000',\n  '--color-component-name': '#61dafb',\n  '--color-component-name-inverted': '#282828',\n  '--color-component-badge-background': 'rgba(255, 255, 255, 0.25)',\n  '--color-component-badge-background-inverted': 'rgba(0, 0, 0, 0.25)',\n  '--color-component-badge-count': '#8f949d',\n  '--color-component-badge-count-inverted': 'rgba(255, 255, 255, 0.7)',\n  '--color-console-error-badge-text': '#000000',\n  '--color-console-error-background': '#290000',\n  '--color-console-error-border': '#5c0000',\n  '--color-console-error-icon': '#eb3941',\n  '--color-console-error-text': '#fc7f7f',\n  '--color-console-warning-badge-text': '#000000',\n  '--color-console-warning-background': '#332b00',\n  '--color-console-warning-border': '#665500',\n  '--color-console-warning-icon': '#f4bd00',\n  '--color-console-warning-text': '#f5f2ed',\n  '--color-context-background': 'rgba(255,255,255,.95)',\n  '--color-context-background-hover': 'rgba(0, 136, 250, 0.1)',\n  '--color-context-background-selected': '#0088fa',\n  '--color-context-border': '#eeeeee',\n  '--color-context-text': '#000000',\n  '--color-context-text-selected': '#ffffff',\n  '--color-dim': '#8f949d',\n  '--color-dimmer': '#777d88',\n  '--color-dimmest': '#4f5766',\n  '--color-error-background': '#200',\n  '--color-error-border': '#900',\n  '--color-error-text': '#f55',\n  '--color-expand-collapse-toggle': '#8f949d',\n  '--color-link': '#61dafb',\n  '--color-modal-background': 'rgba(0, 0, 0, 0.75)',\n  '--color-bridge-version-npm-background': 'rgba(0, 0, 0, 0.25)',\n  '--color-bridge-version-npm-text': '#ffffff',\n  '--color-bridge-version-number': 'yellow',\n  '--color-primitive-hook-badge-background': 'rgba(0, 0, 0, 0.25)',\n  '--color-primitive-hook-badge-text': 'rgba(255, 255, 255, 0.7)',\n  '--color-record-active': '#fc3a4b',\n  '--color-record-hover': '#a2e9fc',\n  '--color-record-inactive': '#61dafb',\n  '--color-resize-bar': '#282c34',\n  '--color-resize-bar-active': '#31363f',\n  '--color-resize-bar-border': '#3d424a',\n  '--color-resize-bar-dot': '#cfd1d5',\n  '--color-timeline-internal-module': '#303542',\n  '--color-timeline-internal-module-hover': '#363b4a',\n  '--color-timeline-internal-module-text': '#7f8899',\n  '--color-timeline-native-event': '#b2b2b2',\n  '--color-timeline-native-event-hover': '#949494',\n  '--color-timeline-network-primary': '#fcf3dc',\n  '--color-timeline-network-primary-hover': '#e3dbc5',\n  '--color-timeline-network-secondary': '#efc457',\n  '--color-timeline-network-secondary-hover': '#d6af4d',\n  '--color-timeline-priority-background': '#1d2129',\n  '--color-timeline-priority-border': '#282c34',\n  '--color-timeline-user-timing': '#c9cacd',\n  '--color-timeline-user-timing-hover': '#93959a',\n  '--color-timeline-react-idle': '#3d485b',\n  '--color-timeline-react-idle-hover': '#465269',\n  '--color-timeline-react-render': '#2683E2',\n  '--color-timeline-react-render-hover': '#1a76d4',\n  '--color-timeline-react-render-text': '#11365e',\n  '--color-timeline-react-commit': '#731fad',\n  '--color-timeline-react-commit-hover': '#611b94',\n  '--color-timeline-react-commit-text': '#e5c1ff',\n  '--color-timeline-react-layout-effects': '#611b94',\n  '--color-timeline-react-layout-effects-hover': '#51167a',\n  '--color-timeline-react-layout-effects-text': '#e5c1ff',\n  '--color-timeline-react-passive-effects': '#611b94',\n  '--color-timeline-react-passive-effects-hover': '#51167a',\n  '--color-timeline-react-passive-effects-text': '#e5c1ff',\n  '--color-timeline-react-schedule': '#2683E2',\n  '--color-timeline-react-schedule-hover': '#1a76d4',\n  '--color-timeline-react-suspense-rejected': '#f1cc14',\n  '--color-timeline-react-suspense-rejected-hover': '#e4c00f',\n  '--color-timeline-react-suspense-resolved': '#a6e59f',\n  '--color-timeline-react-suspense-resolved-hover': '#89d281',\n  '--color-timeline-react-suspense-unresolved': '#c9cacd',\n  '--color-timeline-react-suspense-unresolved-hover': '#93959a',\n  '--color-timeline-thrown-error': '#fb3655',\n  '--color-timeline-thrown-error-hover': '#f82042',\n  '--color-timeline-text-color': '#282c34',\n  '--color-timeline-text-dim-color': '#555b66',\n  '--color-timeline-react-work-border': '#3d424a',\n  '--color-search-match': 'yellow',\n  '--color-search-match-current': '#f7923b',\n  '--color-selected-tree-highlight-active': 'rgba(23, 143, 185, 0.15)',\n  '--color-selected-tree-highlight-inactive': 'rgba(255, 255, 255, 0.05)',\n  '--color-scroll-caret': '#4f5766',\n  '--color-shadow': 'rgba(0, 0, 0, 0.5)',\n  '--color-tab-selected-border': '#178fb9',\n  '--color-text': '#ffffff',\n  '--color-text-invalid': '#ff8080',\n  '--color-text-selected': '#ffffff',\n  '--color-toggle-background-invalid': '#fc3a4b',\n  '--color-toggle-background-on': '#178fb9',\n  '--color-toggle-background-off': '#777d88',\n  '--color-toggle-text': '#ffffff',\n  '--color-warning-background': '#ee1638',\n  '--color-warning-background-hover': '#da1030',\n  '--color-warning-text-color': '#ffffff',\n  '--color-warning-text-color-inverted': '#ee1638',\n  // The styles below should be kept in
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sync with 'root.css\n // They are repeated there because they're used by e.g. tooltips or context menus\n // which
get rendered outside of the DOM subtree (where normal theme/styles are written).\n '--color-scroll-thumb':
'#afb3b9',\n '--color-scroll-track': '#313640',\n '--color-tooltip-background': 'rgba(255, 255, 255, 0.95)',\n '--
color-tooltip-text': '#000000',\n },\n compact: {\n '--font-size-monospace-small': '9px',\n '--font-size-
monospace-normal': '11px',\n '--font-size-monospace-large': '15px',\n '--font-size-sans-small': '10px',\n '--font-
size-sans-normal': '12px',\n '--font-size-sans-large': '14px',\n '--line-height-data': '18px',\n },\n comfortable: {\n
'--font-size-monospace-small': '10px',\n '--font-size-monospace-normal': '13px',\n '--font-size-monospace-large':
'17px',\n '--font-size-sans-small': '12px',\n '--font-size-sans-normal': '14px',\n '--font-size-sans-large': '16px',\n
'--line-height-data': '22px',\n },\n};\n\n// HACK\n\n// Sometimes the inline target is rendered before root styles are
applied,\n\n// which would result in e.g. NaN itemSize being passed to react-window list.\n\nconst
COMFORTABLE_LINE_HEIGHT = parseInt(\n THEME_STYLES.comfortable['--line-height-data'],\n
10,\n);\n\nconst COMPACT_LINE_HEIGHT = parseInt(\n THEME_STYLES.compact['--line-height-data'],\n
10,\n);\n\nexport {COMFORTABLE_LINE_HEIGHT, COMPACT_LINE_HEIGHT};\n\n",/**\n * Copyright (c)
Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n *
LICENSE file in the root directory of this source tree.\n *\n * @flow\n *\n *\n *\n * An error thrown when an
invalid profile could not be processed.\n *\n\nexport default class InvalidProfileError extends Error {\n\n",function
areInputsEqual(newInputs, lastInputs) {\n  if (newInputs.length !== lastInputs.length) {\n    return false;\n  }\n
for (var i = 0; i < newInputs.length; i++) {\n  if (newInputs[i] !== lastInputs[i]) {\n    return false;\n  }\n
}\n  return true;\n}\n\nfunction memoizeOne(resultFn, isEqual) {\n  if (isEqual === void 0) { isEqual =
areInputsEqual; }\n  var lastThis;\n  var lastArgs = [];\n  var lastResult;\n  var calledOnce = false;\n  function
memoized() {\n    var newArgs = [];\n    for (var _i = 0; _i < arguments.length; _i++) {\n      newArgs[_i] =
arguments[_i];\n    }\n    if (calledOnce && lastThis === this && isEqual(newArgs, lastArgs)) {\n
return lastResult;\n    }\n    lastResult = resultFn.apply(this, newArgs);\n    calledOnce = true;\n    lastThis
= this;\n    lastArgs = newArgs;\n    return lastResult;\n  }\n  return memoized;\n}\n\nexport default
memoizeOne;\n\n",/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under
the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n
*\n *\n *\n\nimport memoize from 'memoize-one';\nimport type {\n  BatchUID,\n  Milliseconds,\n  ReactMeasure,\n
ReactProfilerData,\n} from './types';\n\nfunction unmemoizedGetBatchRange(\n  batchUID: BatchUID,\n  data:
ReactProfilerData,\n  minStartTime?: number = 0,\n): [Milliseconds, Milliseconds] {\n  const measures =
data.batchUIDToMeasuresMap.get(batchUID);\n  if (measures === null || measures.length === 0) {\n    throw
Error(`Could not find measures with batch UID \`${batchUID}\``);\n  }\n  const lastMeasure =
((measures[measures.length - 1]: any): ReactMeasure);\n  const stopTime = lastMeasure.timestamp +
lastMeasure.duration;\n  if (stopTime < minStartTime) {\n    return [0, 0];\n  }\n  let startTime =
minStartTime;\n  for (let index = 0; index < measures.length; index++) {\n    const measure = measures[index];\n
if (measure.timestamp >= minStartTime) {\n    startTime = measure.timestamp;\n    break;\n  }\n}\n\nreturn
[startTime, stopTime];\n}\n\nexport const getBatchRange = memoize(unmemoizedGetBatchRange);\n\n",/**\n *
Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in
the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n *\n *\n *\n\nimportFromChromeTimeline,\n  Flamechart as SpeedscopeFlamechart,\n} from '@elg/speedscope';\nimport type
{TimelineEvent} from '@elg/speedscope';\nimport type {\n  ErrorStackFrame,\n  BatchUID,\n  Flamechart,\n
Milliseconds,\n  NativeEvent,\n  NetworkMeasure,\n  Phase,\n  ReactLane,\n  ReactComponentMeasure,\n
ReactComponentMeasureType,\n  ReactMeasure,\n  ReactMeasureType,\n  ReactProfilerData,\n
SchedulingEvent,\n  SuspenseEvent,\n} from './types';\nimport {\n  REACT_TOTAL_NUM_LANES,\n
SCHEDULING_PROFILER_VERSION,\n  SNAPSHOT_MAX_HEIGHT,\n} from './constants';\nimport
InvalidProfileError from './InvalidProfileError';\nimport {getBatchRange} from './utils/getBatchRange';\nimport
ErrorStackParser from 'error-stack-parser';\n\ntype MeasureStackElement = {\n  type: ReactMeasureType,\n  depth:
number,\n  measure: ReactMeasure,\n  startTime: Milliseconds,\n  stopTime?: Milliseconds,\n};\n\ntype
ProcessorState = {\n  asyncProcessingPromises: Promise<any>[],\n  batchUID: BatchUID,\n

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currentReactComponentMeasure: ReactComponentMeasure | null,\n internalModuleCurrentStackFrame:
ErrorStackFrame | null,\n internalModuleStackStringSet: Set<string>,\n measureStack: MeasureStackElement[],\n
nativeEventStack: NativeEvent[],\n nextRenderShouldGenerateNewBatchID: boolean,\n potentialLongEvents:
Array<[NativeEvent, BatchUID]>,\n potentialLongNestedUpdate: SchedulingEvent | null,\n
potentialLongNestedUpdates: Array<[SchedulingEvent, BatchUID]>,\n
potentialSuspenseEventsOutsideOfTransition: Array<\n [SuspenseEvent, ReactLane[]],\n >,\n
requestIdToNetworkMeasureMap: Map<string, NetworkMeasure>,\n uidCounter: BatchUID,\n
unresolvedSuspenseEvents: Map<string, SuspenseEvent>,\n};\n\nconst
NATIVE_EVENT_DURATION_THRESHOLD = 20;\nconst NESTED_UPDATE_DURATION_THRESHOLD =
20;\nconst WARNING_STRINGS = {\n LONG_EVENT_HANDLER:\n 'An event handler scheduled a big
update with React. Consider using the Transition API to defer some of this work.',\n NESTED_UPDATE:\n 'A
big nested update was scheduled during layout. ' +\n 'Nested updates require React to re-render synchronously
before the browser can paint. ' +\n 'Consider delaying this update by moving it to a passive effect (useEffect).',\n
SUSPEND_DURING_UPDATE:\n 'A component suspended during an update which caused a fallback to be
shown. ' +\n 'Consider using the Transition API to avoid hiding components after they've been
mounted.',\n};\n\n// Exported for tests\nexport function getLanesFromTransportDecimalBitmask(\n
laneBitmaskString: string,\n): ReactLane[] {\n const laneBitmask = parseInt(laneBitmaskString, 10);\n // As
negative numbers are stored in two's complement format, our bitmask\n // checks will be thrown off by them.\n if
(laneBitmask < 0) {\n return [];\n }\n\n const lanes = [];\n let powersOfTwo = 0;\n while (powersOfTwo <=
REACT_TOTAL_NUM_LANES) {\n if ((1 << powersOfTwo) & laneBitmask) {\n
lanes.push(powersOfTwo);\n }\n powersOfTwo++;\n }\n return lanes;\n}\n\nfunction
updateLaneToLabelMap(\n profilerData: ReactProfilerData,\n laneLabelTuplesString: string,\n): void {\n // These
marks appear multiple times in the data;\n // We only need to extract them once.\n if
(profilerData.laneToLabelMap.size === 0) {\n const laneLabelTuples = laneLabelTuplesString.split(',');\n for
(let laneIndex = 0; laneIndex < laneLabelTuples.length; laneIndex++) {\n // The numeric lane value (e.g. 64) isn't
important.\n // The profiler parses and stores the lane's position within the bitmap,\n // (e.g. lane 1 is index 0,
lane 16 is index 4).\n profilerData.laneToLabelMap.set(laneIndex, laneLabelTuples[laneIndex]);\n }\n}\n\nlet
profilerVersion = null;\n\nfunction getLastType(stack: $PropertyType<ProcessorState, 'measureStack'>)\n
{\n if (stack.length > 0) {\n const {type} = stack[stack.length - 1];\n return type;\n }\n return
null;\n}\n\nfunction getDepth(stack: $PropertyType<ProcessorState, 'measureStack'>)\n {\n if (stack.length > 0) {\n
const {depth, type} = stack[stack.length - 1];\n return type === 'render-idle' ? depth : depth + 1;\n }\n return
0;\n}\n\nfunction markWorkStarted(\n type: ReactMeasureType,\n startTime: Milliseconds,\n lanes:
ReactLane[],\n currentProfilerData: ReactProfilerData,\n state: ProcessorState,\n) {\n const {batchUID,
measureStack} = state;\n const depth = getDepth(measureStack);\n const measure: ReactMeasure = {\n type,\n
batchUID,\n depth,\n lanes,\n timestamp: startTime,\n duration: 0,\n };\n\n state.measureStack.push({depth,
measure, startTime, type});\n\n // This array is pre-initialized when the batchUID
is generated.\n const measures = currentProfilerData.batchUIDToMeasuresMap.get(batchUID);\n if (measures !==
null) {\n measures.push(measure);\n } else {\n
currentProfilerData.batchUIDToMeasuresMap.set(state.batchUID, [measure]);\n }\n\n // This array is pre-
initialized before processing starts.\n lanes.forEach(lane => {\n
((currentProfilerData.laneToReactMeasureMap.get(\n lane,\n ): any): ReactMeasure[]).push(measure);\n
});\n}\n\nfunction markWorkCompleted(\n type: ReactMeasureType,\n stopTime: Milliseconds,\n
currentProfilerData: ReactProfilerData,\n stack: $PropertyType<ProcessorState, 'measureStack'>,\n) {\n if
(stack.length === 0) {\n console.error(\n 'Unexpected type \"%s\" completed at %sms while stack is empty.',\n
type,\n stopTime,\n );\n // Ignore work \"completion\" user timing mark that doesn't complete anything\n
return;\n }\n\n const last = stack[stack.length - 1];\n if (last.type !== type) {\n console.error(\n 'Unexpected
type \"%s\" completed at %sms before \"%s\" completed.',\n type,\n stopTime,\n last.type,\n );\n }\n\n const
{measure, startTime} = stack.pop();\n if (!measure) {\n console.error('Could not find matching measure for

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type \"%s\".', type);\n }\n\n // $FlowFixMe This property should not be writable outside of this function.\n
measure.duration = stopTime - startTime;\n}\n\nfunction throwIfIncomplete(\n type: ReactMeasureType,\n stack:
$PropertyType<ProcessorState, 'measureStack'>,\n) {\n const lastIndex = stack.length - 1;\n if (lastIndex >= 0) {\n
const last = stack[lastIndex];\n if (last.stopTime === undefined && last.type === type) {\n throw new
InvalidProfileError(\n `Unexpected type \"${type}\" started before \"${last.type}\" completed.`,\n );\n }\n
}\n}\n\nfunction processEventDispatch(\n event: TimelineEvent,\n timestamp: Milliseconds,\n profilerData:
ReactProfilerData,\n state: ProcessorState,\n) {\n const data = event.args.data;\n const type = data.type;\n\n if
(type.startsWith('react-')) {\n const stackTrace = data.stackTrace;\n if (stackTrace) {\n const topFrame =
stackTrace[stackTrace.length - 1];\n if (topFrame.url.includes('/react-dom.')) {\n // Filter out fake React
events dispatched by invokeGuardedCallbackDev.\n return;\n }\n }\n }\n\n // Reduce noise from events
like DOMActivate, load/unload, etc. which are usually not relevant\n if (\n type === 'blur' ||\n type === 'click'
||\n type === 'input' ||\n type.startsWith('focus') ||\n type.startsWith('key') ||\n type.startsWith('mouse') ||\n
type.startsWith('pointer')\n ) {\n const duration = event.dur / 1000;\n let depth = 0;\n\n while
(state.nativeEventStack.length > 0) {\n const prevNativeEvent =\n
state.nativeEventStack[state.nativeEventStack.length - 1];\n const prevStopTime = prevNativeEvent.timestamp +
prevNativeEvent.duration;\n\n if (timestamp < prevStopTime) {\n depth = prevNativeEvent.depth + 1;\n
break;\n } else {\n state.nativeEventStack.pop();\n }\n }\n\n const nativeEvent = {\n depth,\n
duration,\n timestamp,\n type,\n warning: null,\n };\n\n
profilerData.nativeEvents.push(nativeEvent);\n\n // Keep track of curent event in case future ones overlap.\n //
We separate them into different vertical lanes in this case.\n state.nativeEventStack.push(nativeEvent);\n
}\n}\n\nfunction processResourceFinish(\n event: TimelineEvent,\n timestamp: Milliseconds,\n profilerData:
ReactProfilerData,\n state: ProcessorState,\n) {\n const requestId = event.args.data.requestId;\n const
networkMeasure = state.requestIdToNetworkMeasureMap.get(requestId);\n if (networkMeasure != null) {\n
networkMeasure.finishTimestamp = timestamp;\n if (networkMeasure.firstReceivedDataTimestamp === 0) {\n
networkMeasure.firstReceivedDataTimestamp = timestamp;\n }\n if
(networkMeasure.lastReceivedDataTimestamp === 0) {\n networkMeasure.lastReceivedDataTimestamp =
timestamp;\n }\n\n // Clean up now that the resource is done.\n
state.requestIdToNetworkMeasureMap.delete(event.args.data.requestId);\n }\n}\n\nfunction
processResourceReceivedData(\n event: TimelineEvent,\n timestamp: Milliseconds,\n profilerData:
ReactProfilerData,\n state: ProcessorState,\n) {\n const requestId = event.args.data.requestId;\n const
networkMeasure = state.requestIdToNetworkMeasureMap.get(requestId);\n if (networkMeasure != null) {\n if
(networkMeasure.firstReceivedDataTimestamp === 0) {\n networkMeasure.firstReceivedDataTimestamp =
timestamp;\n }\n networkMeasure.lastReceivedDataTimestamp = timestamp;\n
networkMeasure.finishTimestamp = timestamp;\n }\n}\n\nfunction processResourceReceiveResponse(\n event:
TimelineEvent,\n timestamp: Milliseconds,\n profilerData: ReactProfilerData,\n state: ProcessorState,\n) {\n const
requestId = event.args.data.requestId;\n const networkMeasure =
state.requestIdToNetworkMeasureMap.get(requestId);\n if (networkMeasure != null) {\n
networkMeasure.receiveResponseTimestamp = timestamp;\n }\n}\n\nfunction processScreenshot(\n event:
TimelineEvent,\n timestamp: Milliseconds,\n profilerData: ReactProfilerData,\n state: ProcessorState,\n) {\n const
encodedSnapshot = event.args.snapshot; // Base 64 encoded\n\n const snapshot = {\n height: 0,\n image: null,\n
imageSource: `data:image/png;base64,${encodedSnapshot}`,\n timestamp,\n width: 0,\n };\n\n // Delay
processing until we've extracted snapshot dimensions.\n let resolveFn = ((null: any): Function);\n
state.asyncProcessingPromises.push(\n new Promise(resolve => {\n resolveFn = resolve;\n }),\n );\n\n //
Parse the Base64 image data to determine native size.\n // This will be used later to scale for display within the
thumbnail strip.\n fetch(snapshot.imageSource)\n .then(response => response.blob())\n .then(blob => {\n //
$FlowFixMe createImageBitmap\n createImageBitmap(blob).then(bitmap => {\n snapshot.height =
bitmap.height;\n snapshot.width = bitmap.width;\n\n resolveFn();\n });\n });\n\n
profilerData.snapshots.push(snapshot);\n }\n}\n\nfunction processResourceSendRequest(\n event: TimelineEvent,\n

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timestamp: Milliseconds,\n profilerData: ReactProfilerData,\n state: ProcessorState,\n) {\n  const data =
event.args.data;\n  const requestId = data.requestId;\n\n  const availableDepths = new Array(\n
state.requestIdToNetworkMeasureMap.size + 1,\n  ).fill(true);\n
state.requestIdToNetworkMeasureMap.forEach(({depth}) => {\n  availableDepths[depth] = false;\n  });\n\n  let
depth = 0;\n  for (let i = 0; i < availableDepths.length; i++) {\n    if (availableDepths[i]) {\n      depth = i;\n
break;\n    }\n  }\n\n  const networkMeasure: NetworkMeasure = {\n    depth,\n    finishTimestamp: 0,\n    firstReceivedDataTimestamp: 0,\n    lastReceivedDataTimestamp: 0,\n    requestId,\n    requestMethod:
data.requestMethod,\n    priority: data.priority,\n    sendRequestTimestamp: timestamp,\n    receiveResponseTimestamp: 0,\n    url: data.url,\n  };\n\n  state.requestIdToNetworkMeasureMap.set(requestId,
networkMeasure);\n\n  profilerData.networkMeasures.push(networkMeasure);\n
networkMeasure.sendRequestTimestamp = timestamp;\n}\n\nfunction processTimelineEvent(\n  event:
TimelineEvent,\n  /** Finalized profiler data up to `event`. May be mutated. */\n  currentProfilerData:
ReactProfilerData,\n  /** Intermediate processor state. May be mutated. */\n  state: ProcessorState,\n) {\n  const
{cat, name, ts, ph} = event;\n\n  const startTime = (ts - currentProfilerData.startTime) / 1000;\n\n  switch (cat) {\n
case 'disabled-by-default-devtools.screenshot':\n    processScreenshot(event, startTime, currentProfilerData,
state);\n    break;\n  case 'devtools.timeline':\n    switch (name) {\n      case 'EventDispatch':\n        processEventDispatch(event, startTime, currentProfilerData, state);\n        break;\n      case 'ResourceFinish':\n        processResourceFinish(event, startTime, currentProfilerData, state);\n        break;\n      case
'ResourceReceivedData':\n        processResourceReceivedData(\n          event,\n          startTime,\n          currentProfilerData,\n          state,\n        );\n        break;\n      case 'ResourceReceiveResponse':\n        processResourceReceiveResponse(\n          event,\n          startTime,\n          currentProfilerData,\n          state,\n        );\n        break;\n      case 'ResourceSendRequest':\n        processResourceSendRequest(\n          event,\n          startTime,\n          currentProfilerData,\n          state,\n        );\n        break;\n    }\n    break;\n  case
'blink.user_timing':\n    if (name.startsWith('--react-version-')) {\n      const [reactVersion] =
name.substr(16).split('-');\n      currentProfilerData.reactVersion = reactVersion;\n    } else if (name.startsWith('--
profiler-version-')) {\n      const [versionString] = name.substr(19).split('-');\n      profilerVersion =
parseInt(versionString, 10);\n      if (profilerVersion !== SCHEDULING_PROFILER_VERSION) {\n        throw
new InvalidProfileError(\n          `This version of profiling data (${versionString}) is not supported by the current
profiler.`,\n        );\n      }\n    } else if (name.startsWith('--react-lane-labels-')) {\n      const
[laneLabelTuplesString] = name.substr(20).split('-');\n      updateLaneToLabelMap(currentProfilerData,
laneLabelTuplesString);\n    } else if (name.startsWith('--component-')) {\n      processReactComponentMeasure(\n        name,\n        startTime,\n        currentProfilerData,\n        state,\n      );\n    } else if (name.startsWith('--schedule-render-')) {\n      const [laneBitmaskString] = name.substr(18).split('-');\n\n      currentProfilerData.schedulingEvents.push({\n        type: 'schedule-render',\n        lanes:
getLanesFromTransportDecimalBitmask(laneBitmaskString),\n        timestamp: startTime,\n        warning: null,\n      });\n    } else if (name.startsWith('--schedule-forced-update-')) {\n      const [laneBitmaskString,
componentName] = name.substr(25).split('-');\n\n      const forceUpdateEvent = {\n        type: 'schedule-force-
update',\n        lanes: getLanesFromTransportDecimalBitmask(laneBitmaskString),\n        componentName,\n        timestamp: startTime,\n        warning: null,\n      }; \n\n      // If this is a nested update, make a note of it.\n      //
Once we're done processing events, we'll check to see if it was a long update and warn about it.\n      if
(state.measureStack.find(({type}) => type === 'commit')) {\n        state.potentialLongNestedUpdate =
forceUpdateEvent;\n      }\n\n      currentProfilerData.schedulingEvents.push(forceUpdateEvent);\n    } else if
(name.startsWith('--schedule-state-update-')) {\n      const [laneBitmaskString, componentName] =
name.substr(24).split('-');\n\n      const stateUpdateEvent = {\n        type: 'schedule-state-update',\n        lanes:
getLanesFromTransportDecimalBitmask(laneBitmaskString),\n        componentName,\n        timestamp:
startTime,\n        warning: null,\n      }; \n\n      // If this is a nested update, make a note of it.\n      //
Once we're done processing events, we'll check to see if it was a long update and warn about it.\n      if
(state.measureStack.find(({type}) => type === 'commit')) {\n        state.potentialLongNestedUpdate =

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stateUpdateEvent;\n    }\n    currentProfilerData.schedulingEvents.push(stateUpdateEvent);\n  } else if
(name.startsWith('--error-')) {\n    const [componentName, phase, message] = name.substr(8).split('-);\n    currentProfilerData.thrownErrors.push({\n      componentName,\n      message,\n      phase: ((phase: any):
Phase),\n      timestamp: startTime,\n      type: 'thrown-error',\n    });\n  } // eslint-disable-line brace-
style\n\n  // React Events - suspense\n  else if (name.startsWith('--suspense-suspend-')) {\n    const [\n      id,\n      componentName,\n      phase,\n      laneBitmaskString,\n      promiseName,\n    ] =
name.substr(19).split('-);\n    const lanes = getLanesFromTransportDecimalBitmask(laneBitmaskString);\n    const availableDepths = new Array(\n      state.unresolvedSuspenseEvents.size + 1,\n    ).fill(true);\n    state.unresolvedSuspenseEvents.forEach(({depth}) => {\n      availableDepths[depth] = false;\n    });\n\n    let depth = 0;\n    for (let i = 0; i < availableDepths.length; i++) {\n      if (availableDepths[i]) {\n        depth =
i;\n        break;\n      }\n    }\n\n    // TODO (timeline) Maybe we should calculate depth in post,\n    // so
unresolved Suspense requests don't take up space.\n    // We can't know if they'll be resolved or not at this point.\n\n    // We'll just give them a default (fake) duration width.\n\n    const suspenseEvent = {\n
componentName,\n      depth,\n      duration: null,\n      id,\n      phase: ((phase: any): Phase),\n
promiseName: promiseName || null,\n      resolution: 'unresolved',\n      resuspendTimestamps: null,\n
timestamp: startTime,\n      type: 'suspense',\n      warning: null,\n    };\n\n    if (phase === 'update') {\n
// If a component suspended during an update, we should verify that it was during a transition.\n    // We need
the lane metadata to verify this though.\n    // Since that data is only logged during commit, we may not have it
yet.\n    // Store these events for post-processing then.\n    state.potentialSuspenseEventsOutsideOfTransition.push([\n      suspenseEvent,\n      lanes,\n    ]);\n\n    }\n\n    currentProfilerData.suspenseEvents.push(suspenseEvent);\n    state.unresolvedSuspenseEvents.set(id,
suspenseEvent);\n  } else if (name.startsWith('--suspense-resuspend-')) {\n    const [id] =
name.substr(21).split('-);\n    const suspenseEvent = state.unresolvedSuspenseEvents.get(id);\n    if
(suspenseEvent !== null) {\n      if (suspenseEvent.resuspendTimestamps === null) {\n
suspenseEvent.resuspendTimestamps = [startTime];\n      } else {\n
suspenseEvent.resuspendTimestamps.push(startTime);\n      }\n    } else if (name.startsWith('--suspense-
resolved-')) {\n    const [id] = name.substr(20).split('-);\n    const suspenseEvent =
state.unresolvedSuspenseEvents.get(id);\n    if (suspenseEvent !== null) {\n
state.unresolvedSuspenseEvents.delete(id);\n\n      suspenseEvent.duration = startTime -
suspenseEvent.timestamp;\n      suspenseEvent.resolution = 'resolved';\n    }\n  } else if (name.startsWith('--
suspense-rejected-')) {\n    const [id] = name.substr(20).split('-);\n    const suspenseEvent =
state.unresolvedSuspenseEvents.get(id);\n    if (suspenseEvent !== null) {\n
state.unresolvedSuspenseEvents.delete(id);\n\n      suspenseEvent.duration = startTime -
suspenseEvent.timestamp;\n      suspenseEvent.resolution = 'rejected';\n    }\n  } // eslint-disable-line brace-
style\n\n  // React Measures - render\n  else if (name.startsWith('--render-start-')) {\n    if
(state.nextRenderShouldGenerateNewBatchID) {\n      state.nextRenderShouldGenerateNewBatchID = false;\n
      state.batchUID = ((state.uidCounter++: any): BatchUID);\n    }\n\n    // If this render is the result of a nested
update, make a note of it.\n    // Once we're done processing events, we'll check to see if it was a long update and
warn about it.\n    if (state.potentialLongNestedUpdate !== null) {\n
state.potentialLongNestedUpdates.push([\n      state.potentialLongNestedUpdate,\n      state.batchUID,\n
]);\n      state.potentialLongNestedUpdate = null;\n    }\n\n    const [laneBitmaskString] =
name.substr(15).split('-);\n\n    throwIfIncomplete('render', state.measureStack);\n    if
(getLastType(state.measureStack) !== 'render-idle') {\n      markWorkStarted(\n        'render-idle',\n
startTime,\n        getLanesFromTransportDecimalBitmask(laneBitmaskString),\n        currentProfilerData,\n
state,\n      );\n      markWorkStarted(\n        'render',\n        startTime,\n
getLanesFromTransportDecimalBitmask(laneBitmaskString),\n        currentProfilerData,\n        state,\n      );\n\n
      for (let i = 0; i < state.nativeEventStack.length; i++) {\n        const nativeEvent = state.nativeEventStack[i];\n
const stopTime = nativeEvent.timestamp + nativeEvent.duration;\n        // If React work was scheduled during

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an event handler, and the event had a long duration,\n      // it might be because the React render was long and
stretched the event.\n      // It might also be that the React work was short and that something else stretched the
event.\n      // Make a note of this event for now and we'll examine the batch of React render work later.\n      //
(We can't know until we're done processing the React update anyway.)\n      if (stopTime > startTime) {\n
state.potentialLongEvents.push([nativeEvent, state.batchUID]);\n      }\n      } else if (\n
name.startsWith('--render-stop') ||\n      name.startsWith('--render-yield'))\n      ) {\n      markWorkCompleted(\n
'render',\n      startTime,\n      currentProfilerData,\n      state.measureStack,\n      );\n      } else if
(name.startsWith('--render-cancel')) {\n      state.nextRenderShouldGenerateNewBatchID = true;\n
markWorkCompleted(\n      'render',\n      startTime,\n      currentProfilerData,\n      state.measureStack,\n
);\n      markWorkCompleted(\n      'render-idle',\n      startTime,\n      currentProfilerData,\n
state.measureStack,\n      );\n      } // eslint-disable-line brace-style\n\n      // React Measures - commits\n      else if
(name.startsWith('--commit-start-')) {\n      state.nextRenderShouldGenerateNewBatchID = true;\n      const
[laneBitmaskString] = name.substr(15).split('-');\n\n      markWorkStarted(\n      'commit',\n      startTime,\n
getLanesFromTransportDecimalBitmask(laneBitmaskString),\n      currentProfilerData,\n      state,\n
);\n      } else if (name.startsWith('--commit-stop')) {\n      markWorkCompleted(\n      'commit',\n      startTime,\n
currentProfilerData,\n      state.measureStack,\n      );\n      markWorkCompleted(\n      'render-idle',\n
startTime,\n      currentProfilerData,\n      state.measureStack,\n      );\n      } // eslint-disable-line brace-
style\n\n      // React Measures - layout effects\n      else if (name.startsWith('--layout-effects-start-')) {\n      const
[laneBitmaskString] = name.substr(23).split('-');\n\n      markWorkStarted(\n      'layout-effects',\n      startTime,\n
getLanesFromTransportDecimalBitmask(laneBitmaskString),\n      currentProfilerData,\n      state,\n
);\n      } else if (name.startsWith('--layout-effects-stop')) {\n      markWorkCompleted(\n      'layout-
effects',\n      startTime,\n      currentProfilerData,\n      state.measureStack,\n      );\n      } // eslint-disable-
line brace-style\n\n      // React Measures - passive effects\n      else if (name.startsWith('--passive-effects-start-')) {\n
const [laneBitmaskString] = name.substr(24).split('-');\n\n      markWorkStarted(\n      'passive-effects',\n      startTime,\n
getLanesFromTransportDecimalBitmask(laneBitmaskString),\n      currentProfilerData,\n      state,\n
);\n      } else if (name.startsWith('--passive-effects-stop')) {\n      markWorkCompleted(\n      'passive-effects',\n
startTime,\n      currentProfilerData,\n      state.measureStack,\n      );\n      } // eslint-
disable-line brace-style\n\n      // Internal module ranges\n      else if (name.startsWith('--react-internal-module-start-
')) {\n      const stackFrameStart = name.substr(30);\n      if
(!state.internalModuleStackStringSet.has(stackFrameStart)) {\n
state.internalModuleStackStringSet.add(stackFrameStart);\n      const parsedStackFrameStart =
parseStackFrame(stackFrameStart);\n      state.internalModuleCurrentStackFrame = parsedStackFrameStart;\n
}\n      } else if (name.startsWith('--react-internal-module-stop-')) {\n      const stackFrameStop =
name.substr(19);\n      if (!state.internalModuleStackStringSet.has(stackFrameStop)) {\n
state.internalModuleStackStringSet.add(stackFrameStop);\n      const parsedStackFrameStop =
parseStackFrame(stackFrameStop);\n      if (\n      parsedStackFrameStop !== null &&\n
state.internalModuleCurrentStackFrame !== null\n      ) {\n      const parsedStackFrameStart =
state.internalModuleCurrentStackFrame;\n      state.internalModuleCurrentStackFrame = null;\n      const
range = [parsedStackFrameStart, parsedStackFrameStop];\n      const ranges =
currentProfilerData.internalModuleSourceToRanges.get(\n      parsedStackFrameStart.fileName,\n      );\n
      if (ranges === null) {\n      currentProfilerData.internalModuleSourceToRanges.set(\n
parsedStackFrameStart.fileName,\n      [range],\n      );\n      } else {\n      ranges.push(range);\n
}\n      }\n      } // eslint-disable-line brace-style\n\n      // Other user timing marks/measures\n      else
if (ph === 'R' || ph === 'n') {\n      // User Timing mark\n      currentProfilerData.otherUserTimingMarks.push({\n
name,\n      timestamp: startTime,\n      });\n      } else if (ph === 'b') {\n      // TODO: Begin user timing
measure\n      } else if (ph === 'e') {\n      // TODO: End user timing measure\n      } else if (ph === 'i' || ph === 'T')
{\n      // Instant events.\n      // Note that the capital "I" is a deprecated value that exists in Chrome Canary
traces.\n      } // eslint-disable-line brace-style\n\n      // Unrecognized event\n      else {\n      throw new

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InvalidProfileError(\n      `Unrecognized event ${JSON.stringify(\n        event,\n      )}! This is likely a bug in
this profiler tool.`,\n    );\n  }\n  break;\n }\n}\n\nfunction assertNoOverlappingComponentMeasure(state:
ProcessorState) {\n  if (state.currentReactComponentMeasure !== null) {\n    console.error(\n      'Component
measure started while another measure in progress:',\n      state.currentReactComponentMeasure,\n    );\n  }\n}\n\nfunction assertCurrentComponentMeasureType(\n  state: ProcessorState,\n  type:
ReactComponentMeasureType,\n): void {\n  if (state.currentReactComponentMeasure === null) {\n
console.error(\n    `Component measure type \"${type}\" stopped while no measure was in progress`,\n    );\n  }
else if (state.currentReactComponentMeasure.type !== type) {\n    console.error(\n      `Component measure type
\"${type}\" stopped while type ${state.currentReactComponentMeasure.type} in progress`,\n    );\n  }\n}\n\nfunction processReactComponentMeasure(\n  name: string,\n  startTime: Milliseconds,\n
currentProfilerData: ReactProfilerData,\n  state: ProcessorState,\n): void {\n  if (name.startsWith('--component-
render-start-')) {\n    const [componentName] = name.substr(25).split('-');\n\n    assertNoOverlappingComponentMeasure(state);\n\n    state.currentReactComponentMeasure = {\n
componentName,\n    timestamp: startTime,\n    duration: 0,\n    type: 'render',\n    warning: null,\n  }; \n  } else
if (name === '--component-render-stop') {\n    assertCurrentComponentMeasureType(state, 'render');\n\n    if
(state.currentReactComponentMeasure !== null) {\n      const componentMeasure =
state.currentReactComponentMeasure;\n      componentMeasure.duration = startTime -
componentMeasure.timestamp;\n\n      state.currentReactComponentMeasure = null;\n\n      currentProfilerData.componentMeasures.push(componentMeasure);\n    } \n  } else if (name.startsWith('--
component-layout-effect-mount-start-')) {\n    const [componentName] = name.substr(38).split('-');\n\n    assertNoOverlappingComponentMeasure(state);\n\n    state.currentReactComponentMeasure = {\n
componentName,\n    timestamp: startTime,\n    duration: 0,\n    type: 'layout-effect-mount',\n    warning:
null,\n  }; \n  } else if (name === '--component-layout-effect-mount-stop') {\n    assertCurrentComponentMeasureType(state, 'layout-effect-mount');\n\n    if (state.currentReactComponentMeasure
!== null) {\n      const componentMeasure = state.currentReactComponentMeasure;\n
componentMeasure.duration = startTime - componentMeasure.timestamp;\n\n      state.currentReactComponentMeasure = null;\n\n      currentProfilerData.componentMeasures.push(componentMeasure);\n    } \n  } else if (name.startsWith('--
component-layout-effect-unmount-start-')) {\n    const [componentName] = name.substr(40).split('-');\n\n    assertNoOverlappingComponentMeasure(state);\n\n    state.currentReactComponentMeasure = {\n
componentName,\n    timestamp: startTime,\n    duration: 0,\n    type: 'layout-effect-unmount',\n    warning:
null,\n  }; \n  } else if (name === '--component-layout-effect-unmount-stop') {\n    assertCurrentComponentMeasureType(state, 'layout-effect-unmount');\n\n    if
(state.currentReactComponentMeasure !== null) {\n      const componentMeasure =
state.currentReactComponentMeasure;\n      componentMeasure.duration = startTime -
componentMeasure.timestamp;\n\n      state.currentReactComponentMeasure = null;\n\n      currentProfilerData.componentMeasures.push(componentMeasure);\n    } \n  } else if (name.startsWith('--
component-passive-effect-mount-start-')) {\n    const [componentName] = name.substr(39).split('-');\n\n    assertNoOverlappingComponentMeasure(state);\n\n    state.currentReactComponentMeasure = {\n
componentName,\n    timestamp: startTime,\n    duration: 0,\n    type: 'passive-effect-mount',\n    warning:
null,\n  }; \n  } else if (name === '--component-passive-effect-mount-stop') {\n    assertCurrentComponentMeasureType(state, 'passive-effect-mount');\n\n    if (state.currentReactComponentMeasure
!== null) {\n      const componentMeasure = state.currentReactComponentMeasure;\n
componentMeasure.duration = startTime - componentMeasure.timestamp;\n\n      state.currentReactComponentMeasure = null;\n\n      currentProfilerData.componentMeasures.push(componentMeasure);\n    } \n  } else if (name.startsWith('--
component-passive-effect-unmount-start-')) {\n    const [componentName] = name.substr(41).split('-');\n\n    assertNoOverlappingComponentMeasure(state);\n\n    state.currentReactComponentMeasure = {\n

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componentName,\n    timestamp: startTime,\n    duration: 0,\n    type: 'passive-effect-unmount',\n    warning:
null,\n  };\n } else if (name === '--component-passive-effect-unmount-stop') {\n
assertCurrentComponentMeasureType(state, 'passive-effect-unmount');\n\n if
(state.currentReactComponentMeasure !== null) {\n    const componentMeasure =
state.currentReactComponentMeasure;\n    componentMeasure.duration = startTime -
componentMeasure.timestamp;\n\n    state.currentReactComponentMeasure = null;\n\n
currentProfilerData.componentMeasures.push(componentMeasure);\n  }\n }\n}\n\nfunction
preprocessFlamechart(rawData: TimelineEvent[]): Flamechart {\n  let parsedData;\n  try {\n    parsedData =
importFromChromeTimeline(rawData, 'react-devtools');\n  } catch (error) {\n    // Assume any Speedscope errors are
caused by bad profiles\n    const errorToRethrow = new InvalidProfileError(error.message);\n
errorToRethrow.stack = error.stack;\n    throw errorToRethrow;\n  }\n\n  const profile = parsedData.profiles[0]; //
TODO: Choose the main CPU thread only\n\n  const speedscopeFlamechart = new SpeedscopeFlamechart({\n
getTotalWeight: profile.getTotalWeight.bind(profile),\n  forEachCall: profile.forEachCall.bind(profile),\n
formatValue: profile.formatValue.bind(profile),\n  getColorBucketForFrame: () => 0,\n });\n\n  const flamechart:
Flamechart = speedscopeFlamechart.getLayers().map(layer =>\n    layer.map(({ start, end, node: { frame: { name, file,
line, col } }) => ({\n      name,\n      timestamp: start / 1000,\n      duration: (end - start) / 1000,\n      scriptUrl: file,\n
locationLine: line,\n      locationColumn: col,\n    })),\n  );\n\n  return flamechart;\n}\n\nfunction
parseStackFrame(stackFrame: string): ErrorStackFrame | null {\n  const error = new Error();\n  error.stack =
stackFrame;\n\n  const frames = ErrorStackParser.parse(error);\n\n  return frames.length === 1 ? frames[0] :
null;\n}\n\nexport default async function preprocessData(\n  timeline: TimelineEvent[],\n):
Promise<ReactProfilerData> {\n  const flamechart = preprocessFlamechart(timeline);\n\n  const
laneToReactMeasureMap = new Map();\n  for (let lane: ReactLane = 0; lane < REACT_TOTAL_NUM_LANES;\n
lane++) {\n    laneToReactMeasureMap.set(lane, []);\n  }\n\n  const profilerData: ReactProfilerData = {\n
batchUIDToMeasuresMap: new Map(),\n  componentMeasures: [],\n  duration: 0,\n  flamechart,\n
internalModuleSourceToRanges: new Map(),\n  laneToLabelMap: new Map(),\n  laneToReactMeasureMap,\n
nativeEvents: [],\n  networkMeasures: [],\n  otherUserTimingMarks: [],\n  reactVersion: null,\n
schedulingEvents: [],\n  snapshots: [],\n  snapshotHeight: 0,\n  startTime: 0,\n  suspenseEvents: [],\n
thrownErrors: [],\n  };\n\n  // Sort `timeline`. JSON Array Format trace events need not be ordered. See:\n //
https://docs.google.com/document/d/1CvAClvFfyA5R-PhYUmn50OQtYMH4h6I0nSsKchNAySU/preview#heading=h.f2f0yd51wi15\n  timeline =
timeline.filter(Boolean).sort((a, b) => (a.ts > b.ts ? 1 : -1));\n\n  // Events displayed in flamechart have timestamps
relative to the profile\n  // event's startTime. Source:
https://github.com/v8/v8/blob/44bd8fd7/src/inspector/js\_protocol.json#L1486\n  // We'll thus expect there to be
a 'Profile' event; if there is not one, we\n  // can deduce that there are no flame chart events. As we expect React\n  //
scheduling profiling user timing marks to be recorded together with browser\n  // flame chart events, we can further
deduce that the data is invalid and we\n  // don't bother finding React events.\n  const indexOfProfileEvent =
timeline.findIndex(\n    event => event.name === 'Profile',\n  );\n  if (indexOfProfileEvent === -1) {\n    return
profilerData;\n  }\n\n  // Use Profile event's `startTime` as the start time to align with flame chart.\n  // TODO:
Remove assumption that there'll only be 1 'Profile' event. If this\n  // assumption does not hold, the chart may start at
the wrong time.\n  profilerData.startTime = timeline[indexOfProfileEvent].args.data.startTime;\n\n
profilerData.duration =\n    (timeline[timeline.length - 1].ts - profilerData.startTime) / 1000;\n\n  const state:
ProcessorState = {\n    asyncProcessingPromises: [],\n    batchUID: 0,\n    currentReactComponentMeasure: null,\n
internalModuleCurrentStackFrame: null,\n    internalModuleStackStringSet: new Set(),\n    measureStack: [],\n
nativeEventStack: [],\n    nextRenderShouldGenerateNewBatchID: true,\n    potentialLongEvents: [],\n
potentialLongNestedUpdate: null,\n    potentialLongNestedUpdates: [],\n
potentialSuspenseEventsOutsideOfTransition: [],\n    requestIdToNetworkMeasureMap: new Map(),\n    uidCounter:
0,\n    unresolvedSuspenseEvents: new Map(),\n  };\n\n  timeline.forEach(event => processTimelineEvent(event,
profilerData, state));\n\n  if (profilerVersion === null) {\n    if (\n      profilerData.schedulingEvents.length === 0

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&&\n profilerData.batchUIDToMeasuresMap.size === 0\n ) {\n // No profiler version could indicate data
was logged using an older build of React,\n // before an explicitly profiler version was included in the logging
data.\n // But it could also indicate that the website was either not using React, or using a production build.\n //
The easiest way to check for this case is to see if the data contains any scheduled updates or render work.\n throw
new InvalidProfileError(\n 'No React marks were found in the provided profile.' +\n ' Please provide
profiling data from an React application running in development or profiling mode.',\n );\n }\n\n throw new
InvalidProfileError(\n `This version of profiling data is not supported by the current profiler.`,\n );\n }\n\n //
Validate that all events and measures are complete\n const {measureStack} = state;\n if (measureStack.length > 0)
{\n console.error('Incomplete events or measures', measureStack);\n }\n\n // Check for warnings.\n
state.potentialLongEvents.forEach(([nativeEvent, batchUID]) => {\n // See how long the subsequent batch of
React work was.\n // Ignore any work that was already started.\n const [startTime, stopTime] =
getBatchRange(\n batchUID,\n profilerData,\n nativeEvent.timestamp,\n );\n if (stopTime - startTime >
NATIVE_EVENT_DURATION_THRESHOLD) {\n nativeEvent.warning =
WARNING_STRINGS.LONG_EVENT_HANDLER;\n }\n });\n
state.potentialLongNestedUpdates.forEach(([schedulingEvent, batchUID]) => {\n // See how long the subsequent
batch of React work was.\n const [startTime, stopTime] = getBatchRange(batchUID, profilerData);\n if
(stopTime - startTime > NESTED_UPDATE_DURATION_THRESHOLD) {\n // Don't warn about transition
updates scheduled during the commit phase.\n // e.g. useTransition, useDeferredValue\n // These are allowed
to be long-running.\n if (\n !schedulingEvent.lanes.some(\n lane =>
profilerData.laneToLabelMap.get(lane) === 'Transition',\n )\n ) {\n schedulingEvent.warning =
WARNING_STRINGS.NESTED_UPDATE;\n }\n });\n
state.potentialSuspenseEventsOutsideOfTransition.forEach(\n ([suspenseEvent, lanes]) => {\n // HACK This is
a bit gross but the numeric lane value might change between render versions.\n if (\n !lanes.some(\n
lane => profilerData.laneToLabelMap.get(lane) === 'Transition',\n )\n ) {\n suspenseEvent.warning =
WARNING_STRINGS.SUSPEND_DURING_UPDATE;\n },\n );\n\n // Wait for any async processing to
complete before returning.\n // Since processing is done in a worker, async work must complete before data is
serialized and returned.\n await Promise.all(state.asyncProcessingPromises);\n\n // Now that all images have been
loaded, let's figure out the display size we're going to use for our thumbnails:\n // both the ones rendered to the
canvas and the ones shown on hover.\n if (profilerData.snapshots.length > 0) {\n // NOTE We assume a static
window size here, which is not necessarily true but should be for most cases.\n // Regardless, Chrome also sets a
single size/ratio and stick with it- so we'll do the same.\n const snapshot = profilerData.snapshots[0];\n\n
profilerData.snapshotHeight = Math.min(\n snapshot.height,\n SNAPSHOT_MAX_HEIGHT,\n );\n }\n\n
return profilerData;\n }\n\n /**\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is
licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n *
@flow\n */\n\nexport {\n COMFORTABLE_LINE_HEIGHT,\n COMPACT_LINE_HEIGHT,\n } from 'react-
devtools-shared/src/constants.js';\n\nexport const REACT_TOTAL_NUM_LANES = 31;\n\n// Increment this
number any time a backwards breaking change is made to the profiler metadata.\n\nexport const
SCHEDULING_PROFILER_VERSION = 1;\n\nexport const SNAPSHOT_MAX_HEIGHT = 60;\n\n /**\n *
Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in
the\n * LICENSE file in the root directory of this source tree.\n */\n\nimport * as importFileModule from
'./importFile';\n\nexport const importFile = importFileModule.importFile;\n\n /**\n * Copyright (c) Facebook, Inc.
and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the
root directory of this source tree.\n *\n * @flow\n */\n\nimport 'regenerator-runtime/runtime';\n\nimport type
{TimelineEvent} from '@elg/speedscope';\n\nimport type {ImportWorkerOutputData} from './index';\n\nimport
preprocessData from './preprocessData';\n\nimport {readInputData} from './readInputData';\n\nimport
InvalidProfileError from './InvalidProfileError';\n\ndeclare var self: DedicatedWorkerGlobalScope;\n\nexport async
function importFile(file: File): Promise<ImportWorkerOutputData> {\n try {\n const readFile = await
readInputData(file);\n const events: TimelineEvent[] = JSON.parse(readFile);\n if (events.length === 0) {\n

```

```

throw new InvalidProfileError('No profiling data found in file.');
```

```

    }
    }
    const processedData = await
preprocessData(events);
    return {
      status: 'SUCCESS',
      processedData,
    };
  } catch (error) {
    if (
error instanceof InvalidProfileError) {
      return {
        status: 'INVALID_PROFILE_ERROR',
        error,
      };
    } else {
      return {
        status: 'UNEXPECTED_ERROR',
        error,
      };
    }
  }
}

/**
 * Copyright (c) Facebook, Inc. and its affiliates.
 * This source code is licensed under the MIT license found in
the
 * LICENSE file in the root directory of this source tree.
 * @flow
 */
import nullthrows from
'nullthrows';
import InvalidProfileError from './InvalidProfileError';
export const readInputData = (file: File):
Promise<string> => {
  if (!file.name.endsWith('.json')) {
    throw new InvalidProfileError(
      'Invalid file
type. Only JSON performance profiles are supported.'
    );
  }
  const fileReader = new FileReader();
  return new Promise((resolve, reject) => {
    fileReader.onload = () => {
      const result =
nullthrows(fileReader.result);
      if (typeof result === 'string') {
        resolve(result);
      } else {
        reject(new
InvalidProfileError('Input file was not read as a string'));
      }
    };
    fileReader.onerror = () =>
reject(fileReader.error);
    fileReader.readAsText(file);
  });
}, "sourceRoot": ""}

```

Found in path(s):

```

* /opt/cola/permits/1287718422_1647270843.85/0/react-devtools-core-4-23-0-
tgz/package/dist/importFile.worker.worker.js.map
No license file was found, but licenses were detected in source scan.

```

```

{"version":3,"sources":["webpack://[name]/../react-devtools-
shared/src/hooks/parseHookNames/parseSourceAndMetadata.worker.js","webpack://[name]/../react-devtools-
shared/src/hooks/SourceMapUtils.js","webpack://[name]/../react-devtools-
shared/src/hooks/parseHookNames/loadSourceAndMetadata.js","webpack://[name]/../react-devtools-
shared/src/hooks/parseHookNames/index.js"],"names":["addMethods","methods","module","exports","w","Worker"
,"URL","createObjectURL","Blob","name","sourceMapIncludesSource","sourcemap","source","undefined","mappi
ngs","sections","some","section","map","sources","s","endsWith","FETCH_OPTIONS","cache","async","loadSour
ceAndMetadata","hooksList","fetchFileWithCaching","withAsyncPerfMeasurements","locationKeyToHookSourceA
ndMetadata","withSyncPerfMeasurements","Map","i","length","hookSource","Error","locationKey","getHookSour
ceLocationKey","has","runtimeSourceURL","fileName","hookSourceAndMetadata","runtimeSourceCode","sourceM
apJSON","sourceMapURL","set","initializeHookSourceAndMetadata","dedupedFetchPromises","setterPromises","f
orEach","fetchFileFunction","fetchFile","url","fetchPromise","get","then","__DEBUG__","console","groupCollap
se","log","groupEnd","push","Promise","all","loadSourceFiles","size","sourceMapRegex","sourceMappingURLMatc
h","exec","externalSourceMapURLs","sourceMappingURL","indexOf","trimmed","match","decoded","decodeBase
64String","JSON","parse","error","index","warn","startsWith","lastIndexOf","slice","sourceMapContents","extract
AndLoadSourceMapJSON","encoded","atob","Buffer","from","markName","withCallbackPerfMeasurements","don
e","resolve","reject","fetch","response","ok","text","catch","message","flattenHooksList","hooksTree","flattenHook
sListImpl","hook","isUnnamedBuiltInHook","subHooks","includes","workerizedParseHookNames","WorkerizedPa
rseSourceAndMetadata","parseSourceAndMetadata","purgeCachedMetadata","EMPTY_MAP","parseHookNames"
],"mappings":"qDACI,IAAIA,EAAa,EAAQ,KACrBC,EAAU,CAAC,yBAAyB,uBACxCC,EAAOC,QAAU,WACH
B,IAAIC,EAAI,IAAIC,OAAOC,IAAIC,gBAAgB,IAAIC,KAAK,CAAC,2/3sCAAqh1uC,CAAEC,KAAM,4CAG9
k1uC,OAFAT,EAAWI,EAAGH,GAEPG,I,+OCQL,SAASM,EACdC,EACAC,GAEA,GAAC,MAAVA,EACF,OAA
O,EAET,QAA2BC,IAAvBF,EAAUG,SAAwB,CAEpC,OADuCH,EACjBI,SAASC,KAAKC,GAC3BP,EAawBO,
EAAQC,IAAKN,IAKhD,OADiCD,EACjBQ,QAAQH,KACtBI,GAAW,wBAANA,GAA+BR,EAAOS,SAASD,IC
mCxD,MAAME,EAAgB,CAACC,MAAO,eA8BvBC,eAAeC,EACpBC,EACAC,GAEA,OAAOC,YAA0B,0BAA2
BJ,UAC1D,MAAMK,EAAqCC,YACzC,kCACA,IASTN,SACEJ,GAGA,MAAMG,EAAyE,IAAIE,IACnF,IAAK,I
AAIC,EAAI,EAAGA,EAAIN,EAUO,OAAQD,IAAK,CACzC,MAEME,EAFOR,EAAUM,GAECE,WACxB,GA
AkB,MAAdA,EAGF,MAAMC,MAAM,wCAGd,MAAMC,EAAC,YAAyBH,GAC7C,IAAKL,EAAMCS,IAAIF,G
AAc,CAExD,MAAMG,EAAqBL,EAAWM,SAEhCC,EAA+C,CACnDP,aACAQ,kBAAMB,KACnBH,mBACAI,c

```



```

neProperty(e,\\\\"__esModule\\\\",{value:!0})),r.t=function(e,t){if(1&t&&(e=r(e)),8&t)return
e;if(4&t&&\\\\"object\\\\"===typeof e&&e&&e.__esModule)return e;var
n=Object.create(null);if(r.r(n),Object.defineProperty(n,\\\\"default\\\\",{enumerable:!0,value:e}),2&t&&\\\\"string\\\\"!
=typeof e)for(var i in e).r.d(n,i,function(t){return e[t]}.bind(null,i));return n},r.n=function(e){var
t=e&&e.__esModule?function(){return e.default}:function(){return e};return
r.d(t,\\\\"a\\\\" ,t),t},r.o=function(e,t){return
Object.prototype.hasOwnProperty.call(e,t)},r.p=\\\\"\\\\" ,r(r.s=375)}([function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0});var
n={react:!0,assertNode:!0,createTypeAnnotationBasedOnTypeof:!0,createUnionTypeAnnotation:!0,createFlowUnio
nType:!0,createTSUnionType:!0,cloneNode:!0,clone:!0,cloneDeep:!0,cloneDeepWithoutLoc:!0,cloneWithoutLoc:!
0,addComment:!0,addComments:!0,inheritInnerComments:!0,inheritLeadingComments:!0,inheritsComments:!0,inh
eritTrailingComments:!0,removeComments:!0,ensureBlock:!0,toBindingIdentifierName:!0,toBlock:!0,toComputed
Key:!0,toExpression:!0,toIdentifier:!0,toKeyAlias:!0,toSequenceExpression:!0,toStatement:!0,valueToNode:!0,appe
ndToMemberExpression:!0,inherits:!0,prependToMemberExpression:!0,removeProperties:!0,removePropertiesDeep
:!0,removeTypeDuplicates:!0,getBindingIdentifiers:!0,getOuterBindingIdentifiers:!0,truncate:!0,truncateFast:!0,shall
owEqual:!0,is:!0,isBinding:!0,isBlockScoped:!0,isImmutable:!0,isLet:!0,isNode:!0,isNodesEquivalent:!0,isPlacehol
derType:!0,isReferenced:!0,isScope:!0,isSpecifierDefault:!0,isType:!0,isValidES3Identifier:!0,isValidIdentifier:!0,is
Var:!0,matchesPattern:!0,validate:!0,buildMatchMemberExpression:!0};Object.defineProperty(t,\\\\"assertNode\\\\" ,{
enumerable:!0,get:function(){return
o.default}},Object.defineProperty(t,\\\\"createTypeAnnotationBasedOnTypeof\\\\" ,{enumerable:!0,get:function(){ret
urn c.default}},Object.defineProperty(t,\\\\"createUnionTypeAnnotation\\\\" ,{enumerable:!0,get:function(){return
p.default}},Object.defineProperty(t,\\\\"createFlowUnionType\\\\" ,{enumerable:!0,get:function(){return
p.default}},Object.defineProperty(t,\\\\"createTSUnionType\\\\" ,{enumerable:!0,get:function(){return
u.default}},Object.defineProperty(t,\\\\"cloneNode\\\\" ,{enumerable:!0,get:function(){return
h.default}},Object.defineProperty(t,\\\\"clone\\\\" ,{enumerable:!0,get:function(){return
f.default}},Object.defineProperty(t,\\\\"cloneDeep\\\\" ,{enumerable:!0,get:function(){return
m.default}},Object.defineProperty(t,\\\\"cloneDeepWithoutLoc\\\\" ,{enumerable:!0,get:function(){return
y.default}},Object.defineProperty(t,\\\\"cloneWithoutLoc\\\\" ,{enumerable:!0,get:function(){return
T.default}},Object.defineProperty(t,\\\\"addComment\\\\" ,{enumerable:!0,get:function(){return
b.default}},Object.defineProperty(t,\\\\"addComments\\\\" ,{enumerable:!0,get:function(){return
g.default}},Object.defineProperty(t,\\\\"inheritInnerComments\\\\" ,{enumerable:!0,get:function(){return
S.default}},Object.defineProperty(t,\\\\"inheritLeadingComments\\\\" ,{enumerable:!0,get:function(){return
x.default}},Object.defineProperty(t,\\\\"inheritsComments\\\\" ,{enumerable:!0,get:function(){return
E.default}},Object.defineProperty(t,\\\\"inheritTrailingComments\\\\" ,{enumerable:!0,get:function(){return
P.default}},Object.defineProperty(t,\\\\"removeComments\\\\" ,{enumerable:!0,get:function(){return
v.default}},Object.defineProperty(t,\\\\"ensureBlock\\\\" ,{enumerable:!0,get:function(){return
O.default}},Object.defineProperty(t,\\\\"toBindingIdentifierName\\\\" ,{enumerable:!0,get:function(){return
I.default}},Object.defineProperty(t,\\\\"toBlock\\\\" ,{enumerable:!0,get:function(){return
C.default}},Object.defineProperty(t,\\\\"toComputedKey\\\\" ,{enumerable:!0,get:function(){return
N.default}},Object.defineProperty(t,\\\\"toExpression\\\\" ,{enumerable:!0,get:function(){return
k.default}},Object.defineProperty(t,\\\\"toIdentifier\\\\" ,{enumerable:!0,get:function(){return
D.default}},Object.defineProperty(t,\\\\"toKeyAlias\\\\" ,{enumerable:!0,get:function(){return
_.default}},Object.defineProperty(t,\\\\"toSequenceExpression\\\\" ,{enumerable:!0,get:function(){return
L.default}},Object.defineProperty(t,\\\\"toStatement\\\\" ,{enumerable:!0,get:function(){return
M.default}},Object.defineProperty(t,\\\\"valueToNode\\\\" ,{enumerable:!0,get:function(){return
j.default}},Object.defineProperty(t,\\\\"appendToMemberExpression\\\\" ,{enumerable:!0,get:function(){return
R.default}},Object.defineProperty(t,\\\\"inherits\\\\" ,{enumerable:!0,get:function(){return
B.default}},Object.defineProperty(t,\\\\"prependToMemberExpression\\\\" ,{enumerable:!0,get:function(){return

```

```

U.default } },Object.defineProperty(t,\\\\"removeProperties\\\\",{enumerable:!0,get:function(){return
V.default } },Object.defineProperty(t,\\\\"removePropertiesDeep\\\\",{enumerable:!0,get:function(){return
K.default } },Object.defineProperty(t,\\\\"removeTypeDuplicates\\\\",{enumerable:!0,get:function(){return
q.default } },Object.defineProperty(t,\\\\"getBindingIdentifiers\\\\",{enumerable:!0,get:function(){return
Y.default } },Object.defineProperty(t,\\\\"getOuterBindingIdentifiers\\\\",{enumerable:!0,get:function(){return
W.default } },Object.defineProperty(t,\\\\"traverse\\\\",{enumerable:!0,get:function(){return
X.default } },Object.defineProperty(t,\\\\"traverseFast\\\\",{enumerable:!0,get:function(){return
J.default } },Object.defineProperty(t,\\\\"shallowEqual\\\\",{enumerable:!0,get:function(){return
H.default } },Object.defineProperty(t,\\\\"is\\\\",{enumerable:!0,get:function(){return
G.default } },Object.defineProperty(t,\\\\"isBinding\\\\",{enumerable:!0,get:function(){return
z.default } },Object.defineProperty(t,\\\\"isBlockScoped\\\\",{enumerable:!0,get:function(){return
$.default } },Object.defineProperty(t,\\\\"isImmutable\\\\",{enumerable:!0,get:function(){return
Q.default } },Object.defineProperty(t,\\\\"isLet\\\\",{enumerable:!0,get:function(){return
Z.default } },Object.defineProperty(t,\\\\"isNode\\\\",{enumerable:!0,get:function(){return
ee.default } },Object.defineProperty(t,\\\\"isNodesEquivalent\\\\",{enumerable:!0,get:function(){return
te.default } },Object.defineProperty(t,\\\\"isPlaceholderType\\\\",{enumerable:!0,get:function(){return
re.default } },Object.defineProperty(t,\\\\"isReferenced\\\\",{enumerable:!0,get:function(){return
ne.default } },Object.defineProperty(t,\\\\"isScope\\\\",{enumerable:!0,get:function(){return
ie.default } },Object.defineProperty(t,\\\\"isSpecifierDefault\\\\",{enumerable:!0,get:function(){return
se.default } },Object.defineProperty(t,\\\\"isType\\\\",{enumerable:!0,get:function(){return
ae.default } },Object.defineProperty(t,\\\\"isValidES3Identifier\\\\",{enumerable:!0,get:function(){return
oe.default } },Object.defineProperty(t,\\\\"isValidIdentifier\\\\",{enumerable:!0,get:function(){return
le.default } },Object.defineProperty(t,\\\\"isVar\\\\",{enumerable:!0,get:function(){return
ce.default } },Object.defineProperty(t,\\\\"matchesPattern\\\\",{enumerable:!0,get:function(){return
pe.default } },Object.defineProperty(t,\\\\"validate\\\\",{enumerable:!0,get:function(){return
ue.default } },Object.defineProperty(t,\\\\"buildMatchMemberExpression\\\\",{enumerable:!0,get:function(){return
de.default } },t.react=void 0;var
i=fe(r(133)),s=fe(r(134)),a=fe(r(135)),o=fe(r(216)),l=r(217);Object.keys(l).forEach((function(e){\\\\"default\\\\"!===e
&&\\\\"__esModule\\\\"!===e&&(Object.prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]==l[e]|Object.defineProperty(t,e,{enumerable:!0,get:function(){return l[e]}})}));var
c=fe(r(218)),p=fe(r(219)),u=fe(r(220)),d=r(4);Object.keys(d).forEach((function(e){\\\\"default\\\\"!===e&&\\\\"__esMo
dule\\\\"!===e&&(Object.prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]==d[e]|Object.defineProperty(t,e,{enumerable:!0,get:function(){return d[e]}})}));var
h=fe(r(14)),f=fe(r(222)),m=fe(r(223)),y=fe(r(224)),T=fe(r(225)),b=fe(r(226)),g=fe(r(86)),S=fe(r(87)),x=fe(r(88)),E=
fe(r(89)),P=fe(r(90)),v=fe(r(227)),A=r(228);Object.keys(A).forEach((function(e){\\\\"default\\\\"!===e&&\\\\"__esMod
ule\\\\"!===e&&(Object.prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]==A[e]|Object.defineProperty(t,e,{enumerable:!0,get:function(){return A[e]}})}));var
w=r(13);Object.keys(w).forEach((function(e){\\\\"default\\\\"!===e&&\\\\"__esModule\\\\"!===e&&(Object.prototype.ha
sOwnProperty.call(n,e))|e in t&&t[e]==w[e]|Object.defineProperty(t,e,{enumerable:!0,get:function(){return
w[e]}})}));var
O=fe(r(229)),I=fe(r(230)),C=fe(r(91)),N=fe(r(231)),k=fe(r(232)),D=fe(r(92)),_=fe(r(233)),L=fe(r(234)),M=fe(r(236
)),j=fe(r(237)),F=r(5);Object.keys(F).forEach((function(e){\\\\"default\\\\"!===e&&\\\\"__esModule\\\\"!===e&&(Object.
prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]==F[e]|Object.defineProperty(t,e,{enumerable:!0,get:function(){return F[e]}})}));var
R=fe(r(241)),B=fe(r(242)),U=fe(r(243)),V=fe(r(95)),K=fe(r(93)),q=fe(r(85)),Y=fe(r(35)),W=fe(r(244)),X=fe(r(245
)),J=fe(r(94)),H=fe(r(39)),G=fe(r(34)),z=fe(r(246)),S=fe(r(247)),Q=fe(r(248)),Z=fe(r(96)),ee=fe(r(84)),te=fe(r(249)),
re=fe(r(82)),ne=fe(r(250)),ie=fe(r(251)),se=fe(r(252)),ae=fe(r(51)),oe=fe(r(253)),le=fe(r(23)),ce=fe(r(254)),pe=fe(r(
65)),ue=fe(r(52)),de=fe(r(64)),he=r(2);function fe(e){return

```

```

e&&e.__esModule?:{default:e}}Object.keys(he).forEach((function(e){\\"default\\"!==(e&&e.__esModule)!==
e&&(Object.prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]===he[e]|Object.defineProperty(t,e,{enumerable:!0,get:function(){return he[e]}}));const
me={isReactComponent:i.default,isCompatTag:s.default,buildChildren:a.default};t.react=me},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.isArrayExpression=function(e,t){if(!e)return!1;if(\\"
ArrayExpression\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isAssignmentExpression=function(e,t){if(!e)return!1;if(\\"AssignmentExpressio
n\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isBinaryExpression=function(e,t){if(!e)return!1;if(\\"BinaryExpression\\"===e.
type)return void
0===t|(0,n.default)(e,t);return!1},t.isInterpreterDirective=function(e,t){if(!e)return!1;if(\\"InterpreterDirective\\"=
==e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isDirective=function(e,t){if(!e)return!1;if(\\"Directive\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isDirectiveLiteral=function(e,t){if(!e)return!1;if(\\"DirectiveLiteral\\"===e.type
)return void
0===t|(0,n.default)(e,t);return!1},t.isBlockStatement=function(e,t){if(!e)return!1;if(\\"BlockStatement\\"===e.type
)return void
0===t|(0,n.default)(e,t);return!1},t.isBreakStatement=function(e,t){if(!e)return!1;if(\\"BreakStatement\\"===e.type
)return void
0===t|(0,n.default)(e,t);return!1},t.isCallExpression=function(e,t){if(!e)return!1;if(\\"CallExpression\\"===e.type)
return void
0===t|(0,n.default)(e,t);return!1},t.isCatchClause=function(e,t){if(!e)return!1;if(\\"CatchClause\\"===e.type)retur
n void
0===t|(0,n.default)(e,t);return!1},t.isConditionalExpression=function(e,t){if(!e)return!1;if(\\"ConditionalExpressio
n\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isContinueStatement=function(e,t){if(!e)return!1;if(\\"ContinueStatement\\"=
=e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isDebuggerStatement=function(e,t){if(!e)return!1;if(\\"DebuggerStatement\\"=
==e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isDoWhileStatement=function(e,t){if(!e)return!1;if(\\"DoWhileStatement\\"=
=e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isEmptyStatement=function(e,t){if(!e)return!1;if(\\"EmptyStatement\\"===e.ty
pe)return void
0===t|(0,n.default)(e,t);return!1},t.isExpressionStatement=function(e,t){if(!e)return!1;if(\\"ExpressionStatement\\"
===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isFile=function(e,t){if(!e)return!1;if(\\"File\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isForInStatement=function(e,t){if(!e)return!1;if(\\"ForInStatement\\"===e.type)
return void
0===t|(0,n.default)(e,t);return!1},t.isForStatement=function(e,t){if(!e)return!1;if(\\"ForStatement\\"===e.type)retu
rn void
0===t|(0,n.default)(e,t);return!1},t.isFunctionDeclaration=function(e,t){if(!e)return!1;if(\\"FunctionDeclaration\\"
===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isFunctionExpression=function(e,t){if(!e)return!1;if(\\"FunctionExpression\\"=
==e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isIdentifier=function(e,t){if(!e)return!1;if(\\"Identifier\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isIfStatement=function(e,t){if(!e)return!1;if(\\"IfStatement\\"===e.type)return
void
0===t|(0,n.default)(e,t);return!1},t.isLabeledStatement=function(e,t){if(!e)return!1;if(\\"LabeledStatement\\"===e.

```

```

type)return void
0===t||(0,n.default)(e,t);return!1},t.isStringLiteral=function(e,t){if(!e)return!1;if(\\\\"StringLiteral\\\\"===e.type)retur
n void
0===t||(0,n.default)(e,t);return!1},t.isNumericLiteral=function(e,t){if(!e)return!1;if(\\\\"NumericLiteral\\\\"===e.type)
return void
0===t||(0,n.default)(e,t);return!1},t.isNullLiteral=function(e,t){if(!e)return!1;if(\\\\"NullLiteral\\\\"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isBooleanLiteral=function(e,t){if(!e)return!1;if(\\\\"BooleanLiteral\\\\"===e.type)r
eturn void
0===t||(0,n.default)(e,t);return!1},t.isRegExpLiteral=function(e,t){if(!e)return!1;if(\\\\"RegExpLiteral\\\\"===e.type)r
eturn void
0===t||(0,n.default)(e,t);return!1},t.isLogicalExpression=function(e,t){if(!e)return!1;if(\\\\"LogicalExpression\\\\"===
e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isMemberExpression=function(e,t){if(!e)return!1;if(\\\\"MemberExpression\\\\"===
=e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isNewExpression=function(e,t){if(!e)return!1;if(\\\\"NewExpression\\\\"===e.type
)return void
0===t||(0,n.default)(e,t);return!1},t.isProgram=function(e,t){if(!e)return!1;if(\\\\"Program\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectExpression=function(e,t){if(!e)return!1;if(\\\\"ObjectExpression\\\\"===e.t
ype)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectMethod=function(e,t){if(!e)return!1;if(\\\\"ObjectMethod\\\\"===e.type)re
turn void
0===t||(0,n.default)(e,t);return!1},t.isObjectProperty=function(e,t){if(!e)return!1;if(\\\\"ObjectProperty\\\\"===e.type)
return void
0===t||(0,n.default)(e,t);return!1},t.isRestElement=function(e,t){if(!e)return!1;if(\\\\"RestElement\\\\"===e.type)retur
n void
0===t||(0,n.default)(e,t);return!1},t.isReturnStatement=function(e,t){if(!e)return!1;if(\\\\"ReturnStatement\\\\"===e.ty
pe)return void
0===t||(0,n.default)(e,t);return!1},t.isSequenceExpression=function(e,t){if(!e)return!1;if(\\\\"SequenceExpression\\\\"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isParenthesizedExpression=function(e,t){if(!e)return!1;if(\\\\"ParenthesizedExpre
ssion\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isSwitchCase=function(e,t){if(!e)return!1;if(\\\\"SwitchCase\\\\"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isSwitchStatement=function(e,t){if(!e)return!1;if(\\\\"SwitchStatement\\\\"===e.ty
pe)return void
0===t||(0,n.default)(e,t);return!1},t.isThisExpression=function(e,t){if(!e)return!1;if(\\\\"ThisExpression\\\\"===e.type)
return void
0===t||(0,n.default)(e,t);return!1},t.isThrowStatement=function(e,t){if(!e)return!1;if(\\\\"ThrowStatement\\\\"===e.ty
pe)return void
0===t||(0,n.default)(e,t);return!1},t.isTryStatement=function(e,t){if(!e)return!1;if(\\\\"TryStatement\\\\"===e.type)retu
rn void
0===t||(0,n.default)(e,t);return!1},t.isUnaryExpression=function(e,t){if(!e)return!1;if(\\\\"UnaryExpression\\\\"===e.t
ype)return void
0===t||(0,n.default)(e,t);return!1},t.isUpdateExpression=function(e,t){if(!e)return!1;if(\\\\"UpdateExpression\\\\"===e
.type)return void
0===t||(0,n.default)(e,t);return!1},t.isVariableDeclaration=function(e,t){if(!e)return!1;if(\\\\"VariableDeclaration\\\\"=
===e.type)return void

```

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0===t||(0,n.default)(e,t);return!1},t.isVariableDeclarator=function(e,t){if(!e)return!1;if(\\\\"VariableDeclarator\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isWhileStatement=function(e,t){if(!e)return!1;if(\\\\"WhileStatement\\\\"===e.type)e)return void
0===t||(0,n.default)(e,t);return!1},t.isWithStatement=function(e,t){if(!e)return!1;if(\\\\"WithStatement\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isAssignmentPattern=function(e,t){if(!e)return!1;if(\\\\"AssignmentPattern\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isArrayPattern=function(e,t){if(!e)return!1;if(\\\\"ArrayPattern\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isArrowFunctionExpression=function(e,t){if(!e)return!1;if(\\\\"ArrowFunctionExpression\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isClassBody=function(e,t){if(!e)return!1;if(\\\\"ClassBody\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isClassExpression=function(e,t){if(!e)return!1;if(\\\\"ClassExpression\\\\"===e.type)e)return void
0===t||(0,n.default)(e,t);return!1},t.isClassDeclaration=function(e,t){if(!e)return!1;if(\\\\"ClassDeclaration\\\\"===e.type)e)return void
0===t||(0,n.default)(e,t);return!1},t.isExportAllDeclaration=function(e,t){if(!e)return!1;if(\\\\"ExportAllDeclaration\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isExportDefaultDeclaration=function(e,t){if(!e)return!1;if(\\\\"ExportDefaultDeclaration\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isExportNamedDeclaration=function(e,t){if(!e)return!1;if(\\\\"ExportNamedDeclaration\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isExportSpecifier=function(e,t){if(!e)return!1;if(\\\\"ExportSpecifier\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isForOfStatement=function(e,t){if(!e)return!1;if(\\\\"ForOfStatement\\\\"===e.type)e)return void
0===t||(0,n.default)(e,t);return!1},t.isImportDeclaration=function(e,t){if(!e)return!1;if(\\\\"ImportDeclaration\\\\"===e.type)e)return void
0===t||(0,n.default)(e,t);return!1},t.isImportDefaultSpecifier=function(e,t){if(!e)return!1;if(\\\\"ImportDefaultSpecifier\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isImportNamespaceSpecifier=function(e,t){if(!e)return!1;if(\\\\"ImportNamespaceSpecifier\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isImportSpecifier=function(e,t){if(!e)return!1;if(\\\\"ImportSpecifier\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isMetaProperty=function(e,t){if(!e)return!1;if(\\\\"MetaProperty\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isClassMethod=function(e,t){if(!e)return!1;if(\\\\"ClassMethod\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectPattern=function(e,t){if(!e)return!1;if(\\\\"ObjectPattern\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isSpreadElement=function(e,t){if(!e)return!1;if(\\\\"SpreadElement\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isSuper=function(e,t){if(!e)return!1;if(\\\\"Super\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTaggedTemplateExpression=function(e,t){if(!e)return!1;if(\\\\"TaggedTemplateExpression\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTemplateElement=function(e,t){if(!e)return!1;if(\\\\"TemplateElement\\\\"===e.t

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ype)return void
0===t||(0,n.default)(e,t);return!1},t.isTemplateLiteral=function(e,t){if(!e)return!1;if(\\\\"TemplateLiteral\\\\"===e.type
e)return void
0===t||(0,n.default)(e,t);return!1},t.isYieldExpression=function(e,t){if(!e)return!1;if(\\\\"YieldExpression\\\\"===e.type
pe)return void
0===t||(0,n.default)(e,t);return!1},t.isAwaitExpression=function(e,t){if(!e)return!1;if(\\\\"AwaitExpression\\\\"===e.t
ype)return void
0===t||(0,n.default)(e,t);return!1},t.isImport=function(e,t){if(!e)return!1;if(\\\\"Import\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isBigIntLiteral=function(e,t){if(!e)return!1;if(\\\\"BigIntLiteral\\\\"===e.type)retur
n void
0===t||(0,n.default)(e,t);return!1},t.isExportNamespaceSpecifier=function(e,t){if(!e)return!1;if(\\\\"ExportNamespac
eSpecifier\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isOptionalMemberExpression=function(e,t){if(!e)return!1;if(\\\\"OptionalMembe
rExpression\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isOptionalCallExpression=function(e,t){if(!e)return!1;if(\\\\"OptionalCallExpress
ion\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isAnyTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"AnyTypeAnnotation\\\\"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isArrayTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"ArrayTypeAnnotation\\
\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isBooleanTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"BooleanTypeAnnot
ation\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isBooleanLiteralTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"BooleanLiter
alTypeAnnotation\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isNullLiteralTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"NullLiteralType
Annotation\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isClassImplements=function(e,t){if(!e)return!1;if(\\\\"ClassImplements\\\\"===e.t
ype)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareClass=function(e,t){if(!e)return!1;if(\\\\"DeclareClass\\\\"===e.type)retur
n void
0===t||(0,n.default)(e,t);return!1},t.isDeclareFunction=function(e,t){if(!e)return!1;if(\\\\"DeclareFunction\\\\"===e.ty
pe)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareInterface=function(e,t){if(!e)return!1;if(\\\\"DeclareInterface\\\\"===e.ty
pe)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareModule=function(e,t){if(!e)return!1;if(\\\\"DeclareModule\\\\"===e.type)
return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareModuleExports=function(e,t){if(!e)return!1;if(\\\\"DeclareModuleExpors
ts\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareTypeAlias=function(e,t){if(!e)return!1;if(\\\\"DeclareTypeAlias\\\\"===e
.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareOpaqueType=function(e,t){if(!e)return!1;if(\\\\"DeclareOpaqueType\\\\"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareVariable=function(e,t){if(!e)return!1;if(\\\\"DeclareVariable\\\\"===e.ty
pe)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareExportDeclaration=function(e,t){if(!e)return!1;if(\\\\"DeclareExportDec
laration\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareExportAllDeclaration=function(e,t){if(!e)return!1;if(\\\\"DeclareExport
AllDeclaration\\\\"===e.type)return void

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0===t||(0,n.default)(e,t);return!1},t.isDeclaredPredicate=function(e,t){if(!e)return!1;if(\\\\"DeclaredPredicate\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isExistsTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"ExistsTypeAnnotation\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isFunctionTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"FunctionTypeAnnotation\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isFunctionTypeParam=function(e,t){if(!e)return!1;if(\\\\"FunctionTypeParam\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isGenericTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"GenericTypeAnnotation\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isInferredPredicate=function(e,t){if(!e)return!1;if(\\\\"InferredPredicate\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isInterfaceExtends=function(e,t){if(!e)return!1;if(\\\\"InterfaceExtends\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isInterfaceDeclaration=function(e,t){if(!e)return!1;if(\\\\"InterfaceDeclaration\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isInterfaceTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"InterfaceTypeAnnotation\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isIntersectionTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"IntersectionTypeAnnotation\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isMixedTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"MixedTypeAnnotation\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isEmptyTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"EmptyTypeAnnotation\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isNullableTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"NullableTypeAnnotation\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isNumberLiteralTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"NumberLiteralTypeAnnotation\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isNumberTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"NumberTypeAnnotation\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"ObjectTypeAnnotation\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectTypeInternalSlot=function(e,t){if(!e)return!1;if(\\\\"ObjectTypeInternalSlot\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectTypeCallProperty=function(e,t){if(!e)return!1;if(\\\\"ObjectTypeCallProperty\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectTypeIndexer=function(e,t){if(!e)return!1;if(\\\\"ObjectTypeIndexer\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectTypeProperty=function(e,t){if(!e)return!1;if(\\\\"ObjectTypeProperty\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectTypeSpreadProperty=function(e,t){if(!e)return!1;if(\\\\"ObjectTypeSpreadProperty\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isOpaqueType=function(e,t){if(!e)return!1;if(\\\\"OpaqueType\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isQualifiedTypeIdentifier=function(e,t){if(!e)return!1;if(\\\\"QualifiedTypeIdentifier\\\\\\")==e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isStringLiteralTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"StringLiteralTypeAnnotation\\\\\\")==e.type)return void

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0===t|(0,n.default)(e,t);return!1},t.isStringTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"StringTypeAnnotation\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isSymbolTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"SymbolTypeAnnotation\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isThisTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"ThisTypeAnnotation\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isTupleTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"TupleTypeAnnotation\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isTypeofTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"TypeofTypeAnnotation\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isTypeAlias=function(e,t){if(!e)return!1;if(\\\\"TypeAlias\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"TypeAnnotation\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isTypeCastExpression=function(e,t){if(!e)return!1;if(\\\\"TypeCastExpression\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isTypeParameter=function(e,t){if(!e)return!1;if(\\\\"TypeParameter\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isTypeParameterDeclaration=function(e,t){if(!e)return!1;if(\\\\"TypeParameterDeclaration\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isTypeParameterInstantiation=function(e,t){if(!e)return!1;if(\\\\"TypeParameterInstantiation\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isUnionTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"UnionTypeAnnotation\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isVariance=function(e,t){if(!e)return!1;if(\\\\"Variance\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isVoidTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"VoidTypeAnnotation\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isEnumDeclaration=function(e,t){if(!e)return!1;if(\\\\"EnumDeclaration\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isEnumBooleanBody=function(e,t){if(!e)return!1;if(\\\\"EnumBooleanBody\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isEnumNumberBody=function(e,t){if(!e)return!1;if(\\\\"EnumNumberBody\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isEnumStringBody=function(e,t){if(!e)return!1;if(\\\\"EnumStringBody\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isEnumSymbolBody=function(e,t){if(!e)return!1;if(\\\\"EnumSymbolBody\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isEnumBooleanMember=function(e,t){if(!e)return!1;if(\\\\"EnumBooleanMember\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isEnumNumberMember=function(e,t){if(!e)return!1;if(\\\\"EnumNumberMember\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isEnumStringMember=function(e,t){if(!e)return!1;if(\\\\"EnumStringMember\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isEnumDefaultedMember=function(e,t){if(!e)return!1;if(\\\\"EnumDefaultedMember\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isIndexedAccessType=function(e,t){if(!e)return!1;if(\\\\"IndexedAccessType\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isOptionalIndexedAccessType=function(e,t){if(!e)return!1;if(\\\\"OptionalIndexed

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dAccessType\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXAttribute=function(e,t){if(!e)return!1;if(\\\\"JSXAttribute\\\\"===e.type)retur
n void
0===t||(0,n.default)(e,t);return!1},t.isJSXClosingElement=function(e,t){if(!e)return!1;if(\\\\"JSXClosingElement\\\\"=
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXElement=function(e,t){if(!e)return!1;if(\\\\"JSXElement\\\\"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isJSXEmptyExpression=function(e,t){if(!e)return!1;if(\\\\"JSXEmptyExpression\\
\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXExpressionContainer=function(e,t){if(!e)return!1;if(\\\\"JSXExpressionCont
ainer\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXSpreadChild=function(e,t){if(!e)return!1;if(\\\\"JSXSpreadChild\\\\"===e.ty
pe)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXIdentifier=function(e,t){if(!e)return!1;if(\\\\"JSXIdentifier\\\\"===e.type)retu
rn void
0===t||(0,n.default)(e,t);return!1},t.isJSXMemberExpression=function(e,t){if(!e)return!1;if(\\\\"JSXMemberExpressi
on\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXNamespacedName=function(e,t){if(!e)return!1;if(\\\\"JSXNamespacedNam
e\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXOpeningElement=function(e,t){if(!e)return!1;if(\\\\"JSXOpeningElement\\\\"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXSpreadAttribute=function(e,t){if(!e)return!1;if(\\\\"JSXSpreadAttribute\\\\"=
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXText=function(e,t){if(!e)return!1;if(\\\\"JSXText\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXFragment=function(e,t){if(!e)return!1;if(\\\\"JSXFragment\\\\"===e.type)ret
urn void
0===t||(0,n.default)(e,t);return!1},t.isJSXOpeningFragment=function(e,t){if(!e)return!1;if(\\\\"JSXOpeningFragment\\
\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXClosingFragment=function(e,t){if(!e)return!1;if(\\\\"JSXClosingFragment\\
\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isNoop=function(e,t){if(!e)return!1;if(\\\\"Noop\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isPlaceholder=function(e,t){if(!e)return!1;if(\\\\"Placeholder\\\\"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isV8IntrinsicIdentifier=function(e,t){if(!e)return!1;if(\\\\"V8IntrinsicIdentifier\\\\"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isArgumentPlaceholder=function(e,t){if(!e)return!1;if(\\\\"ArgumentPlaceholder\\
\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isBindExpression=function(e,t){if(!e)return!1;if(\\\\"BindExpression\\\\"===e.type
)return void
0===t||(0,n.default)(e,t);return!1},t.isClassProperty=function(e,t){if(!e)return!1;if(\\\\"ClassProperty\\\\"===e.type)ret
urn void
0===t||(0,n.default)(e,t);return!1},t.isPipelineTopicExpression=function(e,t){if(!e)return!1;if(\\\\"PipelineTopicExpre
ssion\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isPipelineBareFunction=function(e,t){if(!e)return!1;if(\\\\"PipelineBareFunction\\
\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isPipelinePrimaryTopicReference=function(e,t){if(!e)return!1;if(\\\\"PipelinePrim
aryTopicReference\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isClassPrivateProperty=function(e,t){if(!e)return!1;if(\\\\"ClassPrivateProperty\\\\"

```

```

===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isClassPrivateMethod=function(e,t){if(!e)return!1;if(\\\\"ClassPrivateMethod\\\\"=
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isImportAttribute=function(e,t){if(!e)return!1;if(\\\\"ImportAttribute\\\\"===e.type
)return void
0===t||(0,n.default)(e,t);return!1},t.isDecorator=function(e,t){if(!e)return!1;if(\\\\"Decorator\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDoExpression=function(e,t){if(!e)return!1;if(\\\\"DoExpression\\\\"===e.type)ret
urn void
0===t||(0,n.default)(e,t);return!1},t.isExportDefaultSpecifier=function(e,t){if(!e)return!1;if(\\\\"ExportDefaultSpecifi
er\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isPrivateName=function(e,t){if(!e)return!1;if(\\\\"PrivateName\\\\"===e.type)retur
n void
0===t||(0,n.default)(e,t);return!1},t.isRecordExpression=function(e,t){if(!e)return!1;if(\\\\"RecordExpression\\\\"===e
.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTupleExpression=function(e,t){if(!e)return!1;if(\\\\"TupleExpression\\\\"===e.ty
pe)return void
0===t||(0,n.default)(e,t);return!1},t.isDecimalLiteral=function(e,t){if(!e)return!1;if(\\\\"DecimalLiteral\\\\"===e.type)r
eturn void
0===t||(0,n.default)(e,t);return!1},t.isStaticBlock=function(e,t){if(!e)return!1;if(\\\\"StaticBlock\\\\"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isModuleExpression=function(e,t){if(!e)return!1;if(\\\\"ModuleExpression\\\\"===
e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSParameterProperty=function(e,t){if(!e)return!1;if(\\\\"TSParameterProperty\\\\"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSDeclareFunction=function(e,t){if(!e)return!1;if(\\\\"TSDeclareFunction\\\\"=
=e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSDeclareMethod=function(e,t){if(!e)return!1;if(\\\\"TSDeclareMethod\\\\"===e
.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSQualifiedName=function(e,t){if(!e)return!1;if(\\\\"TSQualifiedName\\\\"===e
.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSCallSignatureDeclaration=function(e,t){if(!e)return!1;if(\\\\"TSCallSignature
Declaration\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSConstructSignatureDeclaration=function(e,t){if(!e)return!1;if(\\\\"TSConstru
ctSignatureDeclaration\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSPropertySignature=function(e,t){if(!e)return!1;if(\\\\"TSPropertySignature\\\\"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSMethodSignature=function(e,t){if(!e)return!1;if(\\\\"TSMethodSignature\\\\"=
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSIndexSignature=function(e,t){if(!e)return!1;if(\\\\"TSIndexSignature\\\\"===e
.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSAnyKeyword=function(e,t){if(!e)return!1;if(\\\\"TSAnyKeyword\\\\"===e.typ
e)return void
0===t||(0,n.default)(e,t);return!1},t.isTSBooleanKeyword=function(e,t){if(!e)return!1;if(\\\\"TSBooleanKeyword\\\\"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSBigIntKeyword=function(e,t){if(!e)return!1;if(\\\\"TSBigIntKeyword\\\\"===
e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSIntrinsicKeyword=function(e,t){if(!e)return!1;if(\\\\"TSIntrinsicKeyword\\\\"
===e.type)return void

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0===t||(0,n.default)(e,t);return!1},t.isTSNeverKeyword=function(e,t){if(!e)return!1;if(\\\\"TSNeverKeyword\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSNullKeyword=function(e,t){if(!e)return!1;if(\\\\"TSNullKeyword\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSNumberKeyword=function(e,t){if(!e)return!1;if(\\\\"TSNumberKeyword\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSObjectKeyword=function(e,t){if(!e)return!1;if(\\\\"TSObjectKeyword\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSStringKeyword=function(e,t){if(!e)return!1;if(\\\\"TSStringKeyword\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSSymbolKeyword=function(e,t){if(!e)return!1;if(\\\\"TSSymbolKeyword\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSUndefinedKeyword=function(e,t){if(!e)return!1;if(\\\\"TSUndefinedKeyword\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSUnknownKeyword=function(e,t){if(!e)return!1;if(\\\\"TSUnknownKeyword\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSVoidKeyword=function(e,t){if(!e)return!1;if(\\\\"TSVoidKeyword\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSThisType=function(e,t){if(!e)return!1;if(\\\\"TSThisType\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSFunctionType=function(e,t){if(!e)return!1;if(\\\\"TSFunctionType\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSConstructorType=function(e,t){if(!e)return!1;if(\\\\"TSConstructorType\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeReference=function(e,t){if(!e)return!1;if(\\\\"TSTypeReference\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypePredicate=function(e,t){if(!e)return!1;if(\\\\"TSTypePredicate\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeQuery=function(e,t){if(!e)return!1;if(\\\\"TSTypeQuery\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeLiteral=function(e,t){if(!e)return!1;if(\\\\"TSTypeLiteral\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSArrayType=function(e,t){if(!e)return!1;if(\\\\"TSArrayType\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTupleType=function(e,t){if(!e)return!1;if(\\\\"TSTupleType\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSOptionalType=function(e,t){if(!e)return!1;if(\\\\"TSOptionalType\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSRestType=function(e,t){if(!e)return!1;if(\\\\"TSRestType\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSNamedTupleMember=function(e,t){if(!e)return!1;if(\\\\"TSNamedTupleMember\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSUnionType=function(e,t){if(!e)return!1;if(\\\\"TSUnionType\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSIntersectionType=function(e,t){if(!e)return!1;if(\\\\"TSIntersectionType\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSConditionalType=function(e,t){if(!e)return!1;if(\\\\"TSConditionalType\\\\"===e.type)return void

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0===t||(0,n.default)(e,t);return!1},t.isTSInferType=function(e,t){if(!e)return!1;if(\\\\"TSInferType\\\\"===e.type)return
n void
0===t||(0,n.default)(e,t);return!1},t.isTSParenthesizedType=function(e,t){if(!e)return!1;if(\\\\"TSParenthesizedType\\\\"
\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeOperator=function(e,t){if(!e)return!1;if(\\\\"TSTypeOperator\\\\"===e.ty
pe)return void
0===t||(0,n.default)(e,t);return!1},t.isTSIndexedAccessType=function(e,t){if(!e)return!1;if(\\\\"TSIndexedAccessTyp
e\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSMappedType=function(e,t){if(!e)return!1;if(\\\\"TSMappedType\\\\"===e.typ
e)return void
0===t||(0,n.default)(e,t);return!1},t.isTSLiteralType=function(e,t){if(!e)return!1;if(\\\\"TSLiteralType\\\\"===e.type)r
eturn void
0===t||(0,n.default)(e,t);return!1},t.isTSExpressionWithTypeArguments=function(e,t){if(!e)return!1;if(\\\\"TSExpres
sionWithTypeArguments\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSInterfaceDeclaration=function(e,t){if(!e)return!1;if(\\\\"TSInterfaceDeclarati
on\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSInterfaceBody=function(e,t){if(!e)return!1;if(\\\\"TSInterfaceBody\\\\"===e.t
ype)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeAliasDeclaration=function(e,t){if(!e)return!1;if(\\\\"TSTypeAliasDeclar
ation\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSAsExpression=function(e,t){if(!e)return!1;if(\\\\"TSAsExpression\\\\"===e.ty
pe)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeAssertion=function(e,t){if(!e)return!1;if(\\\\"TSTypeAssertion\\\\"===e.t
ype)return void
0===t||(0,n.default)(e,t);return!1},t.isTSEnumDeclaration=function(e,t){if(!e)return!1;if(\\\\"TSEnumDeclaration\\\\"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSEnumMember=function(e,t){if(!e)return!1;if(\\\\"TSEnumMember\\\\"===e.t
ype)return void
0===t||(0,n.default)(e,t);return!1},t.isTSModuleDeclaration=function(e,t){if(!e)return!1;if(\\\\"TSModuleDeclaration\\\\"
\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSModuleBlock=function(e,t){if(!e)return!1;if(\\\\"TSModuleBlock\\\\"===e.ty
pe)return void
0===t||(0,n.default)(e,t);return!1},t.isTSImportType=function(e,t){if(!e)return!1;if(\\\\"TSImportType\\\\"===e.type)r
eturn void
0===t||(0,n.default)(e,t);return!1},t.isTSImportEqualsDeclaration=function(e,t){if(!e)return!1;if(\\\\"TSImportEquals
Declaration\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSExternalModuleReference=function(e,t){if(!e)return!1;if(\\\\"TSExternalMod
uleReference\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSNonNullExpression=function(e,t){if(!e)return!1;if(\\\\"TSNonNullExpressio
n\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSExportAssignment=function(e,t){if(!e)return!1;if(\\\\"TSExportAssignment\\\\"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSNamespaceExportDeclaration=function(e,t){if(!e)return!1;if(\\\\"TSNamespac
eExportDeclaration\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"TSTypeAnnotation\\\\"===
=e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeParameterInstantiation=function(e,t){if(!e)return!1;if(\\\\"TSTypeParam
eterInstantiation\\\\"===e.type)return void

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0===t||(0,n.default)(e,t);return!1},t.isTSTypeParameterDeclaration=function(e,t){if(!e)return!1;if(\\\\"TSTypeParameterDeclaration\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeParameter=function(e,t){if(!e)return!1;if(\\\\"TSTypeParameter\\\\"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isExpression=function(e,t){if(!e)return!1;const r=e.type;if(\\\\"ArrayExpression\\\\"===r||\\\\"AssignmentExpression\\\\"===r||\\\\"BinaryExpression\\\\"===r||\\\\"CallExpression\\\\"===r||\\\\"ConditionalExpression\\\\"===r||\\\\"FunctionExpression\\\\"===r||\\\\"Identifier\\\\"===r||\\\\"StringLiteral\\\\"===r||\\\\"NumericLiteral\\\\"===r||\\\\"NullLiteral\\\\"===r||\\\\"BooleanLiteral\\\\"===r||\\\\"RegExpLiteral\\\\"===r||\\\\"LogicalExpression\\\\"===r||\\\\"MemberExpression\\\\"===r||\\\\"NewExpression\\\\"===r||\\\\"ObjectExpression\\\\"===r||\\\\"SequenceExpression\\\\"===r||\\\\"ParenthesizedExpression\\\\"===r||\\\\"ThisExpression\\\\"===r||\\\\"UnaryExpression\\\\"===r||\\\\"UpdateExpression\\\\"===r||\\\\"ArrowFunctionExpression\\\\"===r||\\\\"ClassExpression\\\\"===r||\\\\"MetaProperty\\\\"===r||\\\\"Super\\\\"===r||\\\\"TaggedTemplateExpression\\\\"===r||\\\\"TemplateLiteral\\\\"===r||\\\\"YieldExpression\\\\"===r||\\\\"AwaitExpression\\\\"===r||\\\\"Import\\\\"===r||\\\\"BigIntLiteral\\\\"===r||\\\\"OptionalMemberExpression\\\\"===r||\\\\"OptionalCallExpression\\\\"===r||\\\\"TypeCastExpression\\\\"===r||\\\\"JSXElement\\\\"===r||\\\\"JSXFragment\\\\"===r||\\\\"BindExpression\\\\"===r||\\\\"PipelinePrimaryTopicReference\\\\"===r||\\\\"DoExpression\\\\"===r||\\\\"RecordExpression\\\\"===r||\\\\"TupleExpression\\\\"===r||\\\\"DecimalLiteral\\\\"===r||\\\\"ModuleExpression\\\\"===r||\\\\"TSAsExpression\\\\"===r||\\\\"TSTypeAssertion\\\\"===r||\\\\"TSNonNullExpression\\\\"===r||\\\\"Placeholder\\\\"===r&&(\\\\"Expression\\\\"===e.expectedNode||\\\\"Identifier\\\\"===e.expectedNode||\\\\"StringLiteral\\\\"===e.expectedNode))return void
0===t||(0,n.default)(e,t);return!1},t.isBinary=function(e,t){if(!e)return!1;const r=e.type;if(\\\\"BinaryExpression\\\\"===r||\\\\"LogicalExpression\\\\"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isScopable=function(e,t){if(!e)return!1;const r=e.type;if(\\\\"BlockStatement\\\\"===r||\\\\"CatchClause\\\\"===r||\\\\"DoWhileStatement\\\\"===r||\\\\"ForInStatement\\\\"===r||\\\\"ForStatement\\\\"===r||\\\\"FunctionDeclaration\\\\"===r||\\\\"FunctionExpression\\\\"===r||\\\\"Program\\\\"===r||\\\\"ObjectMethod\\\\"===r||\\\\"SwitchStatement\\\\"===r||\\\\"WhileStatement\\\\"===r||\\\\"ArrowFunctionExpression\\\\"===r||\\\\"ClassExpression\\\\"===r||\\\\"ClassDeclaration\\\\"===r||\\\\"ForOfStatement\\\\"===r||\\\\"ClassMethod\\\\"===r||\\\\"ClassPrivateMethod\\\\"===r||\\\\"StaticBlock\\\\"===r||\\\\"TSModuleBlock\\\\"===r||\\\\"Placeholder\\\\"===r&&\\\\"BlockStatement\\\\"===e.expectedNode)return void
0===t||(0,n.default)(e,t);return!1},t.isBlockParent=function(e,t){if(!e)return!1;const r=e.type;if(\\\\"BlockStatement\\\\"===r||\\\\"CatchClause\\\\"===r||\\\\"DoWhileStatement\\\\"===r||\\\\"ForInStatement\\\\"===r||\\\\"ForStatement\\\\"===r||\\\\"FunctionDeclaration\\\\"===r||\\\\"FunctionExpression\\\\"===r||\\\\"Program\\\\"===r||\\\\"ObjectMethod\\\\"===r||\\\\"SwitchStatement\\\\"===r||\\\\"WhileStatement\\\\"===r||\\\\"ArrowFunctionExpression\\\\"===r||\\\\"ForOfStatement\\\\"===r||\\\\"ClassMethod\\\\"===r||\\\\"ClassPrivateMethod\\\\"===r||\\\\"StaticBlock\\\\"===r||\\\\"TSModuleBlock\\\\"===r||\\\\"Placeholder\\\\"===r&&\\\\"BlockStatement\\\\"===e.expectedNode)return void
0===t||(0,n.default)(e,t);return!1},t.isBlock=function(e,t){if(!e)return!1;const r=e.type;if(\\\\"BlockStatement\\\\"===r||\\\\"Program\\\\"===r||\\\\"TSModuleBlock\\\\"===r||\\\\"Placeholder\\\\"===r&&\\\\"BlockStatement\\\\"===e.expectedNode)return void
0===t||(0,n.default)(e,t);return!1},t.isStatement=function(e,t){if(!e)return!1;const r=e.type;if(\\\\"BlockStatement\\\\"===r||\\\\"BreakStatement\\\\"===r||\\\\"ContinueStatement\\\\"===r||\\\\"DebuggerStatement\\\\"===r||\\\\"DoWhileStatement\\\\"===r||\\\\"EmptyStatement\\\\"===r||\\\\"ExpressionStatement\\\\"===r||\\\\"ForInStatement\\\\"===r||\\\\"ForStatement\\\\"===r||\\\\"FunctionDeclaration\\\\"===r||\\\\"IfStatement\\\\"===r||\\\\"LabeledStatement\\\\"===r||\\\\"ReturnStatement\\\\"===r||\\\\"SwitchStatement\\\\"===r||\\\\"ThrowStatement\\\\"===r||\\\\"TryStatement\\\\"===r||\\\\"VariableDeclaration\\\\"===r||\\\\"WhileStatement\\\\"===r||\\\\"WithStatement\\\\"===r||\\\\"ClassDeclaration\\\\"===r||\\\\"ExportAllDeclaration\\\\"===r||\\\\"ExportDefaultDeclaration\\\\"===r||\\\\"ExportNamedDeclaration\\\\"===r||\\\\"ForOfStatement\\\\"===r||\\\\"ImportDeclaration\\\\"===r||\\\\"DeclareClass\\\\"===r||\\\\"DeclareFunction\\\\"===r||\\\\"DeclareInterface\\\\"===r||\\\\"DeclareModule\\\\"===r||\\\\"DeclareModuleExports\\\\"===r||\\\\"DeclareTypeAlias\\\\"===r||\\\\"DeclareOpaqueType\\\\"===r||\\\\"DeclareVariable\\\\"===r||\\\\"DeclareExportDeclaration\\\\"===r||\\\\"DeclareExportAllDeclaration\\\\"===r||\\\\"InterfaceDeclaration\\\\"===r||\\\\"OpaqueType\\\\"===r||\\\\"TypeAlias\\\\"===r||\\\\"EnumDeclaration\\\\"===r||\\\\"TSDeclareFunction\\\\"===r||\\\\"TSInterfaceDeclaration\\\\"===r||\\\\"TSTypeAliasDeclaration\\\\"===r||\\\\"TSEnumDeclaration\\\\"===r||\\\\"TSModuleDeclaration\\\\"===r||\\\\"TSImportEqualsDeclaration\\\\"

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n|||===r|||TSExportAssignment|||===r|||TSNamespaceExportDeclaration|||===r|||Placeholder|||===r&&
(|||Statement|||===e.expectedNode|||Declaration|||===e.expectedNode|||BlockStatement|||===e.expectedN
ode))return void 0===t|(0,n.default)(e,t);return!1},t.isTerminatorless=function(e,t){if(!e)return!1;const
r=e.type;if(|||BreakStatement|||===r|||ContinueStatement|||===r|||ReturnStatement|||===r|||ThrowStatem
ent|||===r|||YieldExpression|||===r|||AwaitExpression|||===r)return void
0===t|(0,n.default)(e,t);return!1},t.isCompletionStatement=function(e,t){if(!e)return!1;const
r=e.type;if(|||BreakStatement|||===r|||ContinueStatement|||===r|||ReturnStatement|||===r|||ThrowStatem
ent|||===r)return void 0===t|(0,n.default)(e,t);return!1},t.isConditional=function(e,t){if(!e)return!1;const
r=e.type;if(|||ConditionalExpression|||===r|||IfStatement|||===r)return void
0===t|(0,n.default)(e,t);return!1},t.isLoop=function(e,t){if(!e)return!1;const
r=e.type;if(|||DoWhileStatement|||===r|||ForInStatement|||===r|||ForStatement|||===r|||WhileStatement|||
|||ForOfStatement|||===r)return void
0===t|(0,n.default)(e,t);return!1},t.isWhile=function(e,t){if(!e)return!1;const
r=e.type;if(|||DoWhileStatement|||===r|||WhileStatement|||===r)return void
0===t|(0,n.default)(e,t);return!1},t.isExpressionWrapper=function(e,t){if(!e)return!1;const
r=e.type;if(|||ExpressionStatement|||===r|||ParenthesizedExpression|||===r|||TypeCastExpression|||===r)re
turn void 0===t|(0,n.default)(e,t);return!1},t.isFor=function(e,t){if(!e)return!1;const
r=e.type;if(|||ForInStatement|||===r|||ForStatement|||===r|||ForOfStatement|||===r)return void
0===t|(0,n.default)(e,t);return!1},t.isForXStatement=function(e,t){if(!e)return!1;const
r=e.type;if(|||ForInStatement|||===r|||ForOfStatement|||===r)return void
0===t|(0,n.default)(e,t);return!1},t.isFunction=function(e,t){if(!e)return!1;const
r=e.type;if(|||FunctionDeclaration|||===r|||FunctionExpression|||===r|||ObjectMethod|||===r|||ArrowFun
ctionExpression|||===r|||ClassMethod|||===r|||ClassPrivateMethod|||===r)return void
0===t|(0,n.default)(e,t);return!1},t.isFunctionParent=function(e,t){if(!e)return!1;const
r=e.type;if(|||FunctionDeclaration|||===r|||FunctionExpression|||===r|||ObjectMethod|||===r|||ArrowFun
ctionExpression|||===r|||ClassMethod|||===r|||ClassPrivateMethod|||===r)return void
0===t|(0,n.default)(e,t);return!1},t.isPureish=function(e,t){if(!e)return!1;const
r=e.type;if(|||FunctionDeclaration|||===r|||FunctionExpression|||===r|||StringLiteral|||===r|||NumericLit
eral|||===r|||NullLiteral|||===r|||BooleanLiteral|||===r|||RegExpLiteral|||===r|||ArrowFunctionExpress
ion|||===r|||BigIntLiteral|||===r|||DecimalLiteral|||===r|||Placeholder|||===r&&|||StringLiteral|||===e
.expectedNode)return void 0===t|(0,n.default)(e,t);return!1},t.isDeclaration=function(e,t){if(!e)return!1;const
r=e.type;if(|||FunctionDeclaration|||===r|||VariableDeclaration|||===r|||ClassDeclaration|||===r|||Export
AllDeclaration|||===r|||ExportDefaultDeclaration|||===r|||ExportNamedDeclaration|||===r|||ImportDeclar
ation|||===r|||DeclareClass|||===r|||DeclareFunction|||===r|||DeclareInterface|||===r|||DeclareModule\
|||===r|||DeclareModuleExports|||===r|||DeclareTypeAlias|||===r|||DeclareOpaqueType|||===r|||Decla
reVariable|||===r|||DeclareExportDeclaration|||===r|||DeclareExportAllDeclaration|||===r|||InterfaceDecl
aration|||===r|||OpaqueType|||===r|||TypeAlias|||===r|||EnumDeclaration|||===r|||TSDeclareFunction
|||===r|||TSInterfaceDeclaration|||===r|||TSTypeAliasDeclaration|||===r|||TSEnumDeclaration|||===r|||
TSModuleDeclaration|||===r|||Placeholder|||===r&&|||Declaration|||===e.expectedNode)return void
0===t|(0,n.default)(e,t);return!1},t.isPatternLike=function(e,t){if(!e)return!1;const
r=e.type;if(|||Identifier|||===r|||RestElement|||===r|||AssignmentPattern|||===r|||ArrayPattern|||===r|||
ObjectPattern|||===r|||Placeholder|||===r&&|||Pattern|||===e.expectedNode|||Identifier|||===e.expected
Node)return void 0===t|(0,n.default)(e,t);return!1},t.isLVal=function(e,t){if(!e)return!1;const
r=e.type;if(|||Identifier|||===r|||MemberExpression|||===r|||RestElement|||===r|||AssignmentPattern|||=
===r|||ArrayPattern|||===r|||ObjectPattern|||===r|||TSParameterProperty|||===r|||Placeholder|||===r&&
|||Pattern|||===e.expectedNode|||Identifier|||===e.expectedNode)return void
0===t|(0,n.default)(e,t);return!1},t.isTSEntityName=function(e,t){if(!e)return!1;const
r=e.type;if(|||Identifier|||===r|||TSQualifiedName|||===r|||Placeholder|||===r&&|||Identifier|||===e.expe

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ctedNode)return void 0===t||(0,n.default)(e,t);return!1},t.isLiteral=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"StringLiteral\\\\"===r||\\\\"NumericLiteral\\\\"===r||\\\\"NullLiteral\\\\"===r||\\\\"BooleanLiteral\\\\"===r||\\\\"
RegExpLiteral\\\\"===r||\\\\"TemplateLiteral\\\\"===r||\\\\"BigIntLiteral\\\\"===r||\\\\"DecimalLiteral\\\\"===r||\\\\"Placeh
older\\\\"===r&&\\\\"StringLiteral\\\\"===e.expectedNode)return void
0===t||(0,n.default)(e,t);return!1},t.isImmutable=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"StringLiteral\\\\"===r||\\\\"NumericLiteral\\\\"===r||\\\\"NullLiteral\\\\"===r||\\\\"BooleanLiteral\\\\"===r||\\\\"
BigIntLiteral\\\\"===r||\\\\"JSXAttribute\\\\"===r||\\\\"JSXClosingElement\\\\"===r||\\\\"JSXElement\\\\"===r||\\\\"JSXEx
pressionContainer\\\\"===r||\\\\"JSXSpreadChild\\\\"===r||\\\\"JSXOpeningElement\\\\"===r||\\\\"JSXText\\\\"===r||\\\\"JS
XFragment\\\\"===r||\\\\"JSXOpeningFragment\\\\"===r||\\\\"JSXClosingFragment\\\\"===r||\\\\"DecimalLiteral\\\\"===r||
\\\\"Placeholder\\\\"===r&&\\\\"StringLiteral\\\\"===e.expectedNode)return void
0===t||(0,n.default)(e,t);return!1},t.isUserWhitespacable=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"ObjectMethod\\\\"===r||\\\\"ObjectProperty\\\\"===r||\\\\"ObjectTypeInternalSlot\\\\"===r||\\\\"ObjectType
CallProperty\\\\"===r||\\\\"ObjectTypeIndexer\\\\"===r||\\\\"ObjectTypeProperty\\\\"===r||\\\\"ObjectTypeSpreadProperty
\\\\"===r)return void 0===t||(0,n.default)(e,t);return!1},t.isMethod=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"ObjectMethod\\\\"===r||\\\\"ClassMethod\\\\"===r||\\\\"ClassPrivateMethod\\\\"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectMember=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"ObjectMethod\\\\"===r||\\\\"ObjectProperty\\\\"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isProperty=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"ObjectProperty\\\\"===r||\\\\"ClassProperty\\\\"===r||\\\\"ClassPrivateProperty\\\\"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isUnaryLike=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"UnaryExpression\\\\"===r||\\\\"SpreadElement\\\\"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isPattern=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"AssignmentPattern\\\\"===r||\\\\"ArrayPattern\\\\"===r||\\\\"ObjectPattern\\\\"===r||\\\\"Placeholder\\\\"===r
&&\\\\"Pattern\\\\"===e.expectedNode)return void
0===t||(0,n.default)(e,t);return!1},t.isClass=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"ClassExpression\\\\"===r||\\\\"ClassDeclaration\\\\"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isModuleDeclaration=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"ExportAllDeclaration\\\\"===r||\\\\"ExportDefaultDeclaration\\\\"===r||\\\\"ExportNamedDeclaration\\\\"=
===r||\\\\"ImportDeclaration\\\\"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isExportDeclaration=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"ExportAllDeclaration\\\\"===r||\\\\"ExportDefaultDeclaration\\\\"===r||\\\\"ExportNamedDeclaration\\\\"=
===r)return void 0===t||(0,n.default)(e,t);return!1},t.isModuleSpecifier=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"ExportSpecifier\\\\"===r||\\\\"ImportDefaultSpecifier\\\\"===r||\\\\"ImportNamespaceSpecifier\\\\"===r||\\\\"
ImportSpecifier\\\\"===r||\\\\"ExportNamespaceSpecifier\\\\"===r||\\\\"ExportDefaultSpecifier\\\\"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isFlow=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"AnyTypeAnnotation\\\\"===r||\\\\"ArrayTypeAnnotation\\\\"===r||\\\\"BooleanTypeAnnotation\\\\"===r||\\\\"
BooleanLiteralTypeAnnotation\\\\"===r||\\\\"NullLiteralTypeAnnotation\\\\"===r||\\\\"ClassImplements\\\\"===r||\\\\"
DeclareClass\\\\"===r||\\\\"DeclareFunction\\\\"===r||\\\\"DeclareInterface\\\\"===r||\\\\"DeclareModule\\\\"===r||\\\\"Decla
reModuleExports\\\\"===r||\\\\"DeclareTypeAlias\\\\"===r||\\\\"DeclareOpaqueType\\\\"===r||\\\\"DeclareVariable\\\\"===
r||\\\\"DeclareExportDeclaration\\\\"===r||\\\\"DeclareExportAllDeclaration\\\\"===r||\\\\"DeclaredPredicate\\\\"===r||\\\\"
ExistsTypeAnnotation\\\\"===r||\\\\"FunctionTypeAnnotation\\\\"===r||\\\\"FunctionTypeParam\\\\"===r||\\\\"GenericTyp
eAnnotation\\\\"===r||\\\\"InferredPredicate\\\\"===r||\\\\"InterfaceExtends\\\\"===r||\\\\"InterfaceDeclaration\\\\"===r||\\\\"
InterfaceTypeAnnotation\\\\"===r||\\\\"IntersectionTypeAnnotation\\\\"===r||\\\\"MixedTypeAnnotation\\\\"===r||\\\\"Em
ptyTypeAnnotation\\\\"===r||\\\\"NullableTypeAnnotation\\\\"===r||\\\\"NumberLiteralTypeAnnotation\\\\"===r||\\\\"Nu
mberTypeAnnotation\\\\"===r||\\\\"ObjectTypeAnnotation\\\\"===r||\\\\"ObjectTypeInternalSlot\\\\"===r||\\\\"ObjectType
CallProperty\\\\"===r||\\\\"ObjectTypeIndexer\\\\"===r||\\\\"ObjectTypeProperty\\\\"===r||\\\\"ObjectTypeSpreadProperty
\\\\"===r||\\\\"OpaqueType\\\\"===r||\\\\"QualifiedTypeIdentifier\\\\"===r||\\\\"StringLiteralTypeAnnotation\\\\"===r||\\\\"S
tringTypeAnnotation\\\\"===r||\\\\"SymbolTypeAnnotation\\\\"===r||\\\\"ThisTypeAnnotation\\\\"===r||\\\\"TupleTypeAn

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notation\\\\"===r|\\\\"TypeofTypeAnnotation\\\\"===r|\\\\"TypeAlias\\\\"===r|\\\\"TypeAnnotation\\\\"===r|\\\\"TypeCas
tExpression\\\\"===r|\\\\"TypeParameter\\\\"===r|\\\\"TypeParameterDeclaration\\\\"===r|\\\\"TypeParameterInstantiati
on\\\\"===r|\\\\"UnionTypeAnnotation\\\\"===r|\\\\"Variance\\\\"===r|\\\\"VoidTypeAnnotation\\\\"===r|\\\\"IndexedAcc
essType\\\\"===r|\\\\"OptionalIndexedAccessType\\\\"===r)return void
0===t|(0,n.default)(e,t);return!1},t.isFlowType=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"AnyTypeAnnotation\\\\"===r|\\\\"ArrayTypeAnnotation\\\\"===r|\\\\"BooleanTypeAnnotation\\\\"===r|\\\\"
\\\\"BooleanLiteralTypeAnnotation\\\\"===r|\\\\"NullLiteralTypeAnnotation\\\\"===r|\\\\"ExistsTypeAnnotation\\\\"===r
|\\\\"FunctionTypeAnnotation\\\\"===r|\\\\"GenericTypeAnnotation\\\\"===r|\\\\"InterfaceTypeAnnotation\\\\"===r|\\\\"I
ntersectionTypeAnnotation\\\\"===r|\\\\"MixedTypeAnnotation\\\\"===r|\\\\"EmptyTypeAnnotation\\\\"===r|\\\\"Nullab
leTypeAnnotation\\\\"===r|\\\\"NumberLiteralTypeAnnotation\\\\"===r|\\\\"NumberTypeAnnotation\\\\"===r|\\\\"Objec
tTypeAnnotation\\\\"===r|\\\\"StringLiteralTypeAnnotation\\\\"===r|\\\\"StringTypeAnnotation\\\\"===r|\\\\"SymbolTy
peAnnotation\\\\"===r|\\\\"ThisTypeAnnotation\\\\"===r|\\\\"TupleTypeAnnotation\\\\"===r|\\\\"TypeofTypeAnnotatio
n\\\\"===r|\\\\"UnionTypeAnnotation\\\\"===r|\\\\"VoidTypeAnnotation\\\\"===r|\\\\"IndexedAccessType\\\\"===r|\\\\"O
ptionalIndexedAccessType\\\\"===r)return void
0===t|(0,n.default)(e,t);return!1},t.isFlowBaseAnnotation=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"AnyTypeAnnotation\\\\"===r|\\\\"BooleanTypeAnnotation\\\\"===r|\\\\"NullLiteralTypeAnnotation\\\\"=
===r|\\\\"MixedTypeAnnotation\\\\"===r|\\\\"EmptyTypeAnnotation\\\\"===r|\\\\"NumberTypeAnnotation\\\\"===r|\\\\"S
tringTypeAnnotation\\\\"===r|\\\\"SymbolTypeAnnotation\\\\"===r|\\\\"ThisTypeAnnotation\\\\"===r|\\\\"VoidTypeAn
notation\\\\"===r)return void
0===t|(0,n.default)(e,t);return!1},t.isFlowDeclaration=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"DeclareClass\\\\"===r|\\\\"DeclareFunction\\\\"===r|\\\\"DeclareInterface\\\\"===r|\\\\"DeclareModule\\\\"
===r|\\\\"DeclareModuleExports\\\\"===r|\\\\"DeclareTypeAlias\\\\"===r|\\\\"DeclareOpaqueType\\\\"===r|\\\\"Declare
Variable\\\\"===r|\\\\"DeclareExportDeclaration\\\\"===r|\\\\"DeclareExportAllDeclaration\\\\"===r|\\\\"InterfaceDeclar
ation\\\\"===r|\\\\"OpaqueType\\\\"===r|\\\\"TypeAlias\\\\"===r)return void
0===t|(0,n.default)(e,t);return!1},t.isFlowPredicate=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"DeclaredPredicate\\\\"===r|\\\\"InferredPredicate\\\\"===r)return void
0===t|(0,n.default)(e,t);return!1},t.isEnumBody=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"EnumBooleanBody\\\\"===r|\\\\"EnumNumberBody\\\\"===r|\\\\"EnumStringBody\\\\"===r|\\\\"EnumSy
mbolBody\\\\"===r)return void
0===t|(0,n.default)(e,t);return!1},t.isEnumMember=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"EnumBooleanMember\\\\"===r|\\\\"EnumNumberMember\\\\"===r|\\\\"EnumStringMember\\\\"===r|\\\\"
\\\\"EnumDefaultedMember\\\\"===r)return void
0===t|(0,n.default)(e,t);return!1},t.isJSX=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"JSXAttribute\\\\"===r|\\\\"JSXClosingElement\\\\"===r|\\\\"JSXElement\\\\"===r|\\\\"JSXEmptyExpressi
on\\\\"===r|\\\\"JSXExpressionContainer\\\\"===r|\\\\"JSXSpreadChild\\\\"===r|\\\\"JSXIdentifier\\\\"===r|\\\\"JSXMem
berExpression\\\\"===r|\\\\"JSXNamespacedName\\\\"===r|\\\\"JSXOpeningElement\\\\"===r|\\\\"JSXSpreadAttribute\\\\"
\\\\"===r|\\\\"JSXText\\\\"===r|\\\\"JSXFragment\\\\"===r|\\\\"JSXOpeningFragment\\\\"===r|\\\\"JSXClosingFragment\\\\"
===r)return void 0===t|(0,n.default)(e,t);return!1},t.isPrivate=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"ClassPrivateProperty\\\\"===r|\\\\"ClassPrivateMethod\\\\"===r|\\\\"PrivateName\\\\"===r)return void
0===t|(0,n.default)(e,t);return!1},t.isTSTypeElement=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"TSCallSignatureDeclaration\\\\"===r|\\\\"TSConstructSignatureDeclaration\\\\"===r|\\\\"TSPropertySig
nature\\\\"===r|\\\\"TSMethodSignature\\\\"===r|\\\\"TSIndexSignature\\\\"===r)return void
0===t|(0,n.default)(e,t);return!1},t.isTSType=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"TSAnyKeyword\\\\"===r|\\\\"TSBooleanKeyword\\\\"===r|\\\\"TSBigIntKeyword\\\\"===r|\\\\"TSIntrins
icKeyword\\\\"===r|\\\\"TSNeverKeyword\\\\"===r|\\\\"TSNullKeyword\\\\"===r|\\\\"TSNumberKeyword\\\\"===r|\\\\"
\\\\"TSObjectKeyword\\\\"===r|\\\\"TSStringKeyword\\\\"===r|\\\\"TSSymbolKeyword\\\\"===r|\\\\"TSUndefinedKeyword
\\\\"===r|\\\\"TSUnknownKeyword\\\\"===r|\\\\"TSVoidKeyword\\\\"===r|\\\\"TSThisType\\\\"===r|\\\\"TSFunctionTyp
e\\\\"===r|\\\\"TSConstructorType\\\\"===r|\\\\"TSTypeReference\\\\"===r|\\\\"TSTypePredicate\\\\"===r|\\\\"TSTypeQu

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ery\\\\"===r\\\\"TSTypeLiteral\\\\"===r\\\\"TSArrayType\\\\"===r\\\\"TSTupleType\\\\"===r\\\\"TSOptionalType\\\\"=
===r\\\\"TSRestType\\\\"===r\\\\"TSUnionType\\\\"===r\\\\"TSIntersectionType\\\\"===r\\\\"TSConditionalType\\\\"=
===r\\\\"TSInferType\\\\"===r\\\\"TSParenthesizedType\\\\"===r\\\\"TSTypeOperator\\\\"===r\\\\"TSIndexedAccessT
ype\\\\"===r\\\\"TSMappedType\\\\"===r\\\\"TSLiteralType\\\\"===r\\\\"TSExpressionWithTypeArguments\\\\"===r\\
\\\\"TSImportType\\\\"===r)return void
0===t|(0,n.default)(e,t);return!1},t.isTSBaseType=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"TSAnyKeyword\\\\"===r\\\\"TSBooleanKeyword\\\\"===r\\\\"TSBigIntKeyword\\\\"===r\\\\"TSIntrins
icKeyword\\\\"===r\\\\"TSNeverKeyword\\\\"===r\\\\"TSNullKeyword\\\\"===r\\\\"TSNumberKeyword\\\\"===r\\\\"
TSObjectKeyword\\\\"===r\\\\"TSStringKeyword\\\\"===r\\\\"TSSymbolKeyword\\\\"===r\\\\"TSUndefinedKeyword
\\\\"===r\\\\"TSUnknownKeyword\\\\"===r\\\\"TSVoidKeyword\\\\"===r\\\\"TSThisType\\\\"===r\\\\"TSLiteralType\\
\\\\"===r)return void 0===t|(0,n.default)(e,t);return!1},t.isNumberLiteral=function(e,t){if(console.trace(\\\\"The node
type NumberLiteral has been renamed to NumericLiteral\\\\"),!e)return!1;if(\\\\"NumberLiteral\\\\"===e.type)return
void 0===t|(0,n.default)(e,t);return!1},t.isRegexLiteral=function(e,t){if(console.trace(\\\\"The node type
RegexLiteral has been renamed to RegExpLiteral\\\\"),!e)return!1;if(\\\\"RegexLiteral\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isRestProperty=function(e,t){if(console.trace(\\\\"The node type RestProperty has
been renamed to RestElement\\\\"),!e)return!1;if(\\\\"RestProperty\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1},t.isSpreadProperty=function(e,t){if(console.trace(\\\\"The node type
SpreadProperty has been renamed to SpreadElement\\\\"),!e)return!1;if(\\\\"SpreadProperty\\\\"===e.type)return void
0===t|(0,n.default)(e,t);return!1};var n=r(54)},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),t.isArrayExpression=function(e,t){if(!e)return!1;if(\\
\\\"ArrayExpression\\\\"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isAssignmentExpression=function(e,t){if(!e)return!1;if(\\\\"AssignmentExpressio
n\\\\"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isBinaryExpression=function(e,t){if(!e)return!1;if(\\\\"BinaryExpression\\\\"===e.t
ype)return void
0===t|(0,i.default)(e,t);return!1},t.isInterpreterDirective=function(e,t){if(!e)return!1;if(\\\\"InterpreterDirective\\\\"=
=e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isDirective=function(e,t){if(!e)return!1;if(\\\\"Directive\\\\"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isDirectiveLiteral=function(e,t){if(!e)return!1;if(\\\\"DirectiveLiteral\\\\"===e.type
)return void
0===t|(0,i.default)(e,t);return!1},t.isBlockStatement=function(e,t){if(!e)return!1;if(\\\\"BlockStatement\\\\"===e.type
)return void
0===t|(0,i.default)(e,t);return!1},t.isBreakStatement=function(e,t){if(!e)return!1;if(\\\\"BreakStatement\\\\"===e.type
)return void
0===t|(0,i.default)(e,t);return!1},t.isCallExpression=function(e,t){if(!e)return!1;if(\\\\"CallExpression\\\\"===e.type)r
eturn void
0===t|(0,i.default)(e,t);return!1},t.isCatchClause=function(e,t){if(!e)return!1;if(\\\\"CatchClause\\\\"===e.type)return
void
0===t|(0,i.default)(e,t);return!1},t.isConditionalExpression=function(e,t){if(!e)return!1;if(\\\\"ConditionalExpression
\\\\"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isContinueStatement=function(e,t){if(!e)return!1;if(\\\\"ContinueStatement\\\\"===
e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isDebuggerStatement=function(e,t){if(!e)return!1;if(\\\\"DebuggerStatement\\\\"=
=e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isDoWhileStatement=function(e,t){if(!e)return!1;if(\\\\"DoWhileStatement\\\\"===
e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isEmptyStatement=function(e,t){if(!e)return!1;if(\\\\"EmptyStatement\\\\"===e.typ
e)return void

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0===t||(0,i.default)(e,t);return!1},t.isExpressionStatement=function(e,t){if(!e)return!1;if(\\\\"ExpressionStatement\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isFile=function(e,t){if(!e)return!1;if(\\\\"File\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isForInStatement=function(e,t){if(!e)return!1;if(\\\\"ForInStatement\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isForStatement=function(e,t){if(!e)return!1;if(\\\\"ForStatement\\\\"===e.type)retur
n void
0===t||(0,i.default)(e,t);return!1},t.isFunctionDeclaration=function(e,t){if(!e)return!1;if(\\\\"FunctionDeclaration\\\\"=
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isFunctionExpression=function(e,t){if(!e)return!1;if(\\\\"FunctionExpression\\\\"=
=e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isIdentifier=function(e,t){if(!e)return!1;if(\\\\"Identifier\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isIfStatement=function(e,t){if(!e)return!1;if(\\\\"IfStatement\\\\"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isLabeledStatement=function(e,t){if(!e)return!1;if(\\\\"LabeledStatement\\\\"===e.t
ype)return void
0===t||(0,i.default)(e,t);return!1},t.isStringLiteral=function(e,t){if(!e)return!1;if(\\\\"StringLiteral\\\\"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isNumericLiteral=function(e,t){if(!e)return!1;if(\\\\"NumericLiteral\\\\"===e.type)r
eturn void
0===t||(0,i.default)(e,t);return!1},t.isNullLiteral=function(e,t){if(!e)return!1;if(\\\\"NullLiteral\\\\"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isBooleanLiteral=function(e,t){if(!e)return!1;if(\\\\"BooleanLiteral\\\\"===e.type)r
eturn void
0===t||(0,i.default)(e,t);return!1},t.isRegExpLiteral=function(e,t){if(!e)return!1;if(\\\\"RegExpLiteral\\\\"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isLogicalExpression=function(e,t){if(!e)return!1;if(\\\\"LogicalExpression\\\\"===e
.type)return void
0===t||(0,i.default)(e,t);return!1},t.isMemberExpression=function(e,t){if(!e)return!1;if(\\\\"MemberExpression\\\\"=
=e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isNewExpression=function(e,t){if(!e)return!1;if(\\\\"NewExpression\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isProgram=function(e,t){if(!e)return!1;if(\\\\"Program\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectExpression=function(e,t){if(!e)return!1;if(\\\\"ObjectExpression\\\\"===e.t
ype)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectMethod=function(e,t){if(!e)return!1;if(\\\\"ObjectMethod\\\\"===e.type)ret
urn void
0===t||(0,i.default)(e,t);return!1},t.isObjectProperty=function(e,t){if(!e)return!1;if(\\\\"ObjectProperty\\\\"===e.type)r
eturn void
0===t||(0,i.default)(e,t);return!1},t.isRestElement=function(e,t){if(!e)return!1;if(\\\\"RestElement\\\\"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isReturnStatement=function(e,t){if(!e)return!1;if(\\\\"ReturnStatement\\\\"===e.typ
e)return void
0===t||(0,i.default)(e,t);return!1},t.isSequenceExpression=function(e,t){if(!e)return!1;if(\\\\"SequenceExpression\\\\"=
=e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isParenthesizedExpression=function(e,t){if(!e)return!1;if(\\\\"ParenthesizedExpres
sion\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isSwitchCase=function(e,t){if(!e)return!1;if(\\\\"SwitchCase\\\\"===e.type)return

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void
0===t||(0,i.default)(e,t);return!1},t.isSwitchStatement=function(e,t){if(!e)return!1;if(\\\\"SwitchStatement\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isThisExpression=function(e,t){if(!e)return!1;if(\\\\"ThisExpression\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isThrowStatement=function(e,t){if(!e)return!1;if(\\\\"ThrowStatement\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isTryStatement=function(e,t){if(!e)return!1;if(\\\\"TryStatement\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isUnaryExpression=function(e,t){if(!e)return!1;if(\\\\"UnaryExpression\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isUpdateExpression=function(e,t){if(!e)return!1;if(\\\\"UpdateExpression\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isVariableDeclaration=function(e,t){if(!e)return!1;if(\\\\"VariableDeclaration\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isVariableDeclarator=function(e,t){if(!e)return!1;if(\\\\"VariableDeclarator\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isWhileStatement=function(e,t){if(!e)return!1;if(\\\\"WhileStatement\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isWithStatement=function(e,t){if(!e)return!1;if(\\\\"WithStatement\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isAssignmentPattern=function(e,t){if(!e)return!1;if(\\\\"AssignmentPattern\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isArrayPattern=function(e,t){if(!e)return!1;if(\\\\"ArrayPattern\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isArrowFunctionExpression=function(e,t){if(!e)return!1;if(\\\\"ArrowFunctionExpression\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isClassBody=function(e,t){if(!e)return!1;if(\\\\"ClassBody\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isClassExpression=function(e,t){if(!e)return!1;if(\\\\"ClassExpression\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isClassDeclaration=function(e,t){if(!e)return!1;if(\\\\"ClassDeclaration\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isExportAllDeclaration=function(e,t){if(!e)return!1;if(\\\\"ExportAllDeclaration\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isExportDefaultDeclaration=function(e,t){if(!e)return!1;if(\\\\"ExportDefaultDeclaration\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isExportNamedDeclaration=function(e,t){if(!e)return!1;if(\\\\"ExportNamedDeclaration\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isExportSpecifier=function(e,t){if(!e)return!1;if(\\\\"ExportSpecifier\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isForOfStatement=function(e,t){if(!e)return!1;if(\\\\"ForOfStatement\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isImportDeclaration=function(e,t){if(!e)return!1;if(\\\\"ImportDeclaration\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isImportDefaultSpecifier=function(e,t){if(!e)return!1;if(\\\\"ImportDefaultSpecifier\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isImportNamespaceSpecifier=function(e,t){if(!e)return!1;if(\\\\"ImportNamespace

```

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Specifier\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isImportSpecifier=function(e,t){if(!e)return!1;if(\\\\"ImportSpecifier\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isMetaProperty=function(e,t){if(!e)return!1;if(\\\\"MetaProperty\\\\"===e.type)retu
rn void
0===t||(0,i.default)(e,t);return!1},t.isClassMethod=function(e,t){if(!e)return!1;if(\\\\"ClassMethod\\\\"===e.type)retur
n void
0===t||(0,i.default)(e,t);return!1},t.isObjectPattern=function(e,t){if(!e)return!1;if(\\\\"ObjectPattern\\\\"===e.type)retu
rn void
0===t||(0,i.default)(e,t);return!1},t.isSpreadElement=function(e,t){if(!e)return!1;if(\\\\"SpreadElement\\\\"===e.type)r
eturn void 0===t||(0,i.default)(e,t);return!1},t.isSuper=function(e,t){if(!e)return!1;if(\\\\"Super\\\\"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isTaggedTemplateExpression=function(e,t){if(!e)return!1;if(\\\\"TaggedTemplate
Expression\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTemplateElement=function(e,t){if(!e)return!1;if(\\\\"TemplateElement\\\\"===e.t
ype)return void
0===t||(0,i.default)(e,t);return!1},t.isTemplateLiteral=function(e,t){if(!e)return!1;if(\\\\"TemplateLiteral\\\\"===e.type
)return void
0===t||(0,i.default)(e,t);return!1},t.isYieldExpression=function(e,t){if(!e)return!1;if(\\\\"YieldExpression\\\\"===e.typ
e)return void
0===t||(0,i.default)(e,t);return!1},t.isAwaitExpression=function(e,t){if(!e)return!1;if(\\\\"AwaitExpression\\\\"===e.ty
pe)return void
0===t||(0,i.default)(e,t);return!1},t.isImport=function(e,t){if(!e)return!1;if(\\\\"Import\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isBigIntLiteral=function(e,t){if(!e)return!1;if(\\\\"BigIntLiteral\\\\"===e.type)retur
n void
0===t||(0,i.default)(e,t);return!1},t.isExportNamespaceSpecifier=function(e,t){if(!e)return!1;if(\\\\"ExportNamespace
Specifier\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isOptionalMemberExpression=function(e,t){if(!e)return!1;if(\\\\"OptionalMember
Expression\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isOptionalCallExpression=function(e,t){if(!e)return!1;if(\\\\"OptionalCallExpressi
on\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isAnyTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"AnyTypeAnnotation\\\\"=
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isArrayTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"ArrayTypeAnnotation\\
\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isBooleanTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"BooleanTypeAnnota
tion\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isBooleanLiteralTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"BooleanLitera
lTypeAnnotation\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isNullLiteralTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"NullLiteralTypeA
nnotation\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isClassImplements=function(e,t){if(!e)return!1;if(\\\\"ClassImplements\\\\"===e.ty
pe)return void
0===t||(0,i.default)(e,t);return!1},t.isDeclareClass=function(e,t){if(!e)return!1;if(\\\\"DeclareClass\\\\"===e.type)retur
n void
0===t||(0,i.default)(e,t);return!1},t.isDeclareFunction=function(e,t){if(!e)return!1;if(\\\\"DeclareFunction\\\\"===e.typ
e)return void
0===t||(0,i.default)(e,t);return!1},t.isDeclareInterface=function(e,t){if(!e)return!1;if(\\\\"DeclareInterface\\\\"===e.typ

```

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e)return void
0===t||(0,i.default)(e,t);return!1},t.isDeclareModule=function(e,t){if(!e)return!1;if(\\\\"DeclareModule\\\\"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isDeclareModuleExports=function(e,t){if(!e)return!1;if(\\\\"DeclareModuleExport
s\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isDeclareTypeAlias=function(e,t){if(!e)return!1;if(\\\\"DeclareTypeAlias\\\\"===e.
type)return void
0===t||(0,i.default)(e,t);return!1},t.isDeclareOpaqueType=function(e,t){if(!e)return!1;if(\\\\"DeclareOpaqueType\\\\"=
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isDeclareVariable=function(e,t){if(!e)return!1;if(\\\\"DeclareVariable\\\\"===e.typ
e)return void
0===t||(0,i.default)(e,t);return!1},t.isDeclareExportDeclaration=function(e,t){if(!e)return!1;if(\\\\"DeclareExportDecl
aration\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isDeclareExportAllDeclaration=function(e,t){if(!e)return!1;if(\\\\"DeclareExportA
llDeclaration\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isDeclaredPredicate=function(e,t){if(!e)return!1;if(\\\\"DeclaredPredicate\\\\"===e.
type)return void
0===t||(0,i.default)(e,t);return!1},t.isExistsTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"ExistsTypeAnnotation\\
\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isFunctionTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"FunctionTypeAnnot
ation\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isFunctionTypeParam=function(e,t){if(!e)return!1;if(\\\\"FunctionTypeParam\\\\"=
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isGenericTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"GenericTypeAnnotat
ion\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isInferredPredicate=function(e,t){if(!e)return!1;if(\\\\"InferredPredicate\\\\"===e.ty
pe)return void
0===t||(0,i.default)(e,t);return!1},t.isInterfaceExtends=function(e,t){if(!e)return!1;if(\\\\"InterfaceExtends\\\\"===e.ty
pe)return void
0===t||(0,i.default)(e,t);return!1},t.isInterfaceDeclaration=function(e,t){if(!e)return!1;if(\\\\"InterfaceDeclaration\\\\"=
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isInterfaceTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"InterfaceTypeAnnot
ation\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isIntersectionTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"IntersectionType
Annotation\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isMixedTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"MixedTypeAnnotation
\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEmptyTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"EmptyTypeAnnotatio
n\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isNullableTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"NullableTypeAnnot
ation\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isNumberLiteralTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"NumberLitera
lTypeAnnotation\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isNumberTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"NumberTypeAnnotat
ion\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectTypeAnnotation=function(e,t){if(!e)return!1;if(\\\\"ObjectTypeAnnotatio
n\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectTypeInternalSlot=function(e,t){if(!e)return!1;if(\\\\"ObjectTypeInternalSI

```

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ot\|"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isObjectTypeCallProperty=function(e,t){if(!e)return!1;if(\|"ObjectTypeCallProp
erty\|"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isObjectTypeIndexer=function(e,t){if(!e)return!1;if(\|"ObjectTypeIndexer\|"===
=e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isObjectTypeProperty=function(e,t){if(!e)return!1;if(\|"ObjectTypeProperty\|"=
=e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isObjectTypeSpreadProperty=function(e,t){if(!e)return!1;if(\|"ObjectTypeSprea
dProperty\|"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isOpaqueType=function(e,t){if(!e)return!1;if(\|"OpaqueType\|"===e.type)retur
n void
0===t|(0,i.default)(e,t);return!1},t.isQualifiedTypeIdentifier=function(e,t){if(!e)return!1;if(\|"QualifiedTypeIdentifi
er\|"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isStringLiteralTypeAnnotation=function(e,t){if(!e)return!1;if(\|"StringLiteralTyp
eAnnotation\|"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isStringTypeAnnotation=function(e,t){if(!e)return!1;if(\|"StringTypeAnnotation\
\|"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isSymbolTypeAnnotation=function(e,t){if(!e)return!1;if(\|"SymbolTypeAnnotati
on\|"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isThisTypeAnnotation=function(e,t){if(!e)return!1;if(\|"ThisTypeAnnotation\|"
===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isTupleTypeAnnotation=function(e,t){if(!e)return!1;if(\|"TupleTypeAnnotation\
\|"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isTypeofTypeAnnotation=function(e,t){if(!e)return!1;if(\|"TypeofTypeAnnotatio
n\|"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isTypeAlias=function(e,t){if(!e)return!1;if(\|"TypeAlias\|"===e.type)return
void
0===t|(0,i.default)(e,t);return!1},t.isTypeAnnotation=function(e,t){if(!e)return!1;if(\|"TypeAnnotation\|"===e.typ
e)return void
0===t|(0,i.default)(e,t);return!1},t.isTypeCastExpression=function(e,t){if(!e)return!1;if(\|"TypeCastExpression\|"=
=e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isTypeParameter=function(e,t){if(!e)return!1;if(\|"TypeParameter\|"===e.type)r
eturn void
0===t|(0,i.default)(e,t);return!1},t.isTypeParameterDeclaration=function(e,t){if(!e)return!1;if(\|"TypeParameterDe
claration\|"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isTypeParameterInstantiation=function(e,t){if(!e)return!1;if(\|"TypeParameterIn
stantiation\|"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isUnionTypeAnnotation=function(e,t){if(!e)return!1;if(\|"UnionTypeAnnotation\
\|"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isVariance=function(e,t){if(!e)return!1;if(\|"Variance\|"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isVoidTypeAnnotation=function(e,t){if(!e)return!1;if(\|"VoidTypeAnnotation\|"
===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isEnumDeclaration=function(e,t){if(!e)return!1;if(\|"EnumDeclaration\|"===e.t
ype)return void
0===t|(0,i.default)(e,t);return!1},t.isEnumBooleanBody=function(e,t){if(!e)return!1;if(\|"EnumBooleanBody\|"===
=e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isEnumNumberBody=function(e,t){if(!e)return!1;if(\|"EnumNumberBody\|"===
=e.type)return void

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0===t||(0,i.default)(e,t);return!1},t.isEnumStringBody=function(e,t){if(!e)return!1;if(\\\\"EnumStringBody\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumSymbolBody=function(e,t){if(!e)return!1;if(\\\\"EnumSymbolBody\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumBooleanMember=function(e,t){if(!e)return!1;if(\\\\"EnumBooleanMember\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumNumberMember=function(e,t){if(!e)return!1;if(\\\\"EnumNumberMember\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumStringMember=function(e,t){if(!e)return!1;if(\\\\"EnumStringMember\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumDefaultedMember=function(e,t){if(!e)return!1;if(\\\\"EnumDefaultedMember\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXAttribute=function(e,t){if(!e)return!1;if(\\\\"JSXAttribute\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXClosingElement=function(e,t){if(!e)return!1;if(\\\\"JSXClosingElement\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXElement=function(e,t){if(!e)return!1;if(\\\\"JSXElement\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXEmptyExpression=function(e,t){if(!e)return!1;if(\\\\"JSXEmptyExpression\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXExpressionContainer=function(e,t){if(!e)return!1;if(\\\\"JSXExpressionContainer\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXSpreadChild=function(e,t){if(!e)return!1;if(\\\\"JSXSpreadChild\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXIdentifier=function(e,t){if(!e)return!1;if(\\\\"JSXIdentifier\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXMemberExpression=function(e,t){if(!e)return!1;if(\\\\"JSXMemberExpression\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXNamespacedName=function(e,t){if(!e)return!1;if(\\\\"JSXNamespacedName\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXOpeningElement=function(e,t){if(!e)return!1;if(\\\\"JSXOpeningElement\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXSpreadAttribute=function(e,t){if(!e)return!1;if(\\\\"JSXSpreadAttribute\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXText=function(e,t){if(!e)return!1;if(\\\\"JSXText\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXFragment=function(e,t){if(!e)return!1;if(\\\\"JSXFragment\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXOpeningFragment=function(e,t){if(!e)return!1;if(\\\\"JSXOpeningFragment\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXClosingFragment=function(e,t){if(!e)return!1;if(\\\\"JSXClosingFragment\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isNoop=function(e,t){if(!e)return!1;if(\\\\"Noop\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isPlaceholder=function(e,t){if(!e)return!1;if(\\\\"Placeholder\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isV8IntrinsicIdentifier=function(e,t){if(!e)return!1;if(\\\\"V8IntrinsicIdentifier\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isArgumentPlaceholder=function(e,t){if(!e)return!1;if(\\\\"ArgumentPlaceholder\\\\"===e.type)return void

```



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0===t|(0,i.default)(e,t);return!1},t.isBindExpression=function(e,t){if(!e)return!1;if(\\\\"BindExpression\\\\"===e.type)
)return void
0===t|(0,i.default)(e,t);return!1},t.isClassProperty=function(e,t){if(!e)return!1;if(\\\\"ClassProperty\\\\"===e.type)ret
urn void
0===t|(0,i.default)(e,t);return!1},t.isPipelineTopicExpression=function(e,t){if(!e)return!1;if(\\\\"PipelineTopicExpre
ssion\\\\"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isPipelineBareFunction=function(e,t){if(!e)return!1;if(\\\\"PipelineBareFunction\\\\"
===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isPipelinePrimaryTopicReference=function(e,t){if(!e)return!1;if(\\\\"PipelinePrim
aryTopicReference\\\\"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isClassPrivateProperty=function(e,t){if(!e)return!1;if(\\\\"ClassPrivateProperty\\\\"
===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isClassPrivateMethod=function(e,t){if(!e)return!1;if(\\\\"ClassPrivateMethod\\\\"=
===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isImportAttribute=function(e,t){if(!e)return!1;if(\\\\"ImportAttribute\\\\"===e.type)
return void
0===t|(0,i.default)(e,t);return!1},t.isDecorator=function(e,t){if(!e)return!1;if(\\\\"Decorator\\\\"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isDoExpression=function(e,t){if(!e)return!1;if(\\\\"DoExpression\\\\"===e.type)ret
urn void
0===t|(0,i.default)(e,t);return!1},t.isExportDefaultSpecifier=function(e,t){if(!e)return!1;if(\\\\"ExportDefaultSpecifie
r\\\\"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isPrivateName=function(e,t){if(!e)return!1;if(\\\\"PrivateName\\\\"===e.type)retur
n void
0===t|(0,i.default)(e,t);return!1},t.isRecordExpression=function(e,t){if(!e)return!1;if(\\\\"RecordExpression\\\\"===e.
type)return void
0===t|(0,i.default)(e,t);return!1},t.isTupleExpression=function(e,t){if(!e)return!1;if(\\\\"TupleExpression\\\\"===e.ty
pe)return void
0===t|(0,i.default)(e,t);return!1},t.isDecimalLiteral=function(e,t){if(!e)return!1;if(\\\\"DecimalLiteral\\\\"===e.type)r
eturn void
0===t|(0,i.default)(e,t);return!1},t.isStaticBlock=function(e,t){if(!e)return!1;if(\\\\"StaticBlock\\\\"===e.type)return
void
0===t|(0,i.default)(e,t);return!1},t.isTSPParameterProperty=function(e,t){if(!e)return!1;if(\\\\"TSPParameterProperty\\\\"
===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isTSDeclareFunction=function(e,t){if(!e)return!1;if(\\\\"TSDeclareFunction\\\\"=
=e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isTSDeclareMethod=function(e,t){if(!e)return!1;if(\\\\"TSDeclareMethod\\\\"===e
.type)return void
0===t|(0,i.default)(e,t);return!1},t.isTSQualifiedName=function(e,t){if(!e)return!1;if(\\\\"TSQualifiedName\\\\"===e.
type)return void
0===t|(0,i.default)(e,t);return!1},t.isTSCallSignatureDeclaration=function(e,t){if(!e)return!1;if(\\\\"TSCallSignature
Declaration\\\\"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isTSConstructSignatureDeclaration=function(e,t){if(!e)return!1;if(\\\\"TSConstruc
tSignatureDeclaration\\\\"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isTSPropertySignature=function(e,t){if(!e)return!1;if(\\\\"TSPropertySignature\\\\"
===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isTSMMethodSignature=function(e,t){if(!e)return!1;if(\\\\"TSMMethodSignature\\\\"=
===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isTSIndexSignature=function(e,t){if(!e)return!1;if(\\\\"TSIndexSignature\\\\"===e.

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```

type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSAnyKeyword=function(e,t){if(!e)return!1;if(\\\\"TSAnyKeyword\\\\"===e.type
e)return void
0===t||(0,i.default)(e,t);return!1},t.isTSBooleanKeyword=function(e,t){if(!e)return!1;if(\\\\"TSBooleanKeyword\\\\"=
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSBigIntKeyword=function(e,t){if(!e)return!1;if(\\\\"TSBigIntKeyword\\\\"===e
.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSIntrinsicKeyword=function(e,t){if(!e)return!1;if(\\\\"TSIntrinsicKeyword\\\\"=
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSNeverKeyword=function(e,t){if(!e)return!1;if(\\\\"TSNeverKeyword\\\\"===e.
type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSNullKeyword=function(e,t){if(!e)return!1;if(\\\\"TSNullKeyword\\\\"===e.typ
e)return void
0===t||(0,i.default)(e,t);return!1},t.isTSNumberKeyword=function(e,t){if(!e)return!1;if(\\\\"TSNumberKeyword\\\\"=
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSObjectKeyword=function(e,t){if(!e)return!1;if(\\\\"TSObjectKeyword\\\\"===
e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSStringKeyword=function(e,t){if(!e)return!1;if(\\\\"TSStringKeyword\\\\"===e.
type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSSymbolKeyword=function(e,t){if(!e)return!1;if(\\\\"TSSymbolKeyword\\\\"=
=e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSUndefinedKeyword=function(e,t){if(!e)return!1;if(\\\\"TSUndefinedKeyword
\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSUnknownKeyword=function(e,t){if(!e)return!1;if(\\\\"TSUnknownKeyword\\
\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSVoidKeyword=function(e,t){if(!e)return!1;if(\\\\"TSVoidKeyword\\\\"===e.ty
pe)return void
0===t||(0,i.default)(e,t);return!1},t.isTSThisType=function(e,t){if(!e)return!1;if(\\\\"TSThisType\\\\"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isTSFunctionType=function(e,t){if(!e)return!1;if(\\\\"TSFunctionType\\\\"===e.ty
pe)return void
0===t||(0,i.default)(e,t);return!1},t.isTSConstructorType=function(e,t){if(!e)return!1;if(\\\\"TSConstructorType\\\\"=
=e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeReference=function(e,t){if(!e)return!1;if(\\\\"TSTypeReference\\\\"===e.
type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSTypePredicate=function(e,t){if(!e)return!1;if(\\\\"TSTypePredicate\\\\"===e.ty
pe)return void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeQuery=function(e,t){if(!e)return!1;if(\\\\"TSTypeQuery\\\\"===e.type)ret
urn void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeLiteral=function(e,t){if(!e)return!1;if(\\\\"TSTypeLiteral\\\\"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isTSArrayType=function(e,t){if(!e)return!1;if(\\\\"TSArrayType\\\\"===e.type)retu
rn void
0===t||(0,i.default)(e,t);return!1},t.isTSTupleType=function(e,t){if(!e)return!1;if(\\\\"TSTupleType\\\\"===e.type)retu
rn void
0===t||(0,i.default)(e,t);return!1},t.isTSOptionalType=function(e,t){if(!e)return!1;if(\\\\"TSOptionalType\\\\"===e.ty
pe)return void
0===t||(0,i.default)(e,t);return!1},t.isTSRestType=function(e,t){if(!e)return!1;if(\\\\"TSRestType\\\\"===e.type)return

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void
0===t||(0,i.default)(e,t);return!1},t.isTSNamedTupleMember=function(e,t){if(!e)return!1;if(\\\\"TSNamedTupleMember\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSUnionType=function(e,t){if(!e)return!1;if(\\\\"TSUnionType\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSIntersectionType=function(e,t){if(!e)return!1;if(\\\\"TSIntersectionType\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSConditionalType=function(e,t){if(!e)return!1;if(\\\\"TSConditionalType\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSInferType=function(e,t){if(!e)return!1;if(\\\\"TSInferType\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSParenthesizedType=function(e,t){if(!e)return!1;if(\\\\"TSParenthesizedType\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeOperator=function(e,t){if(!e)return!1;if(\\\\"TSTypeOperator\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSIndexedAccessType=function(e,t){if(!e)return!1;if(\\\\"TSIndexedAccessType\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSMappedType=function(e,t){if(!e)return!1;if(\\\\"TSMappedType\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSLiteralType=function(e,t){if(!e)return!1;if(\\\\"TSLiteralType\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSExpressionWithTypeArguments=function(e,t){if(!e)return!1;if(\\\\"TSExpressionWithTypeArguments\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSInterfaceDeclaration=function(e,t){if(!e)return!1;if(\\\\"TSInterfaceDeclaration\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSInterfaceBody=function(e,t){if(!e)return!1;if(\\\\"TSInterfaceBody\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeAliasDeclaration=function(e,t){if(!e)return!1;if(\\\\"TSTypeAliasDeclaration\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSAsExpression=function(e,t){if(!e)return!1;if(\\\\"TSAsExpression\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeAssertion=function(e,t){if(!e)return!1;if(\\\\"TSTypeAssertion\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSEnumDeclaration=function(e,t){if(!e)return!1;if(\\\\"TSEnumDeclaration\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSEnumMember=function(e,t){if(!e)return!1;if(\\\\"TSEnumMember\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSModuleDeclaration=function(e,t){if(!e)return!1;if(\\\\"TSModuleDeclaration\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSModuleBlock=function(e,t){if(!e)return!1;if(\\\\"TSModuleBlock\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSImportType=function(e,t){if(!e)return!1;if(\\\\"TSImportType\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSImportEqualsDeclaration=function(e,t){if(!e)return!1;if(\\\\"TSImportEqualsDeclaration\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSExternalModuleReference=function(e,t){if(!e)return!1;if(\\\\"TSExternalModuleReference\\\\"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSNonNullExpression=function(e,t){if(!e)return!1;if(\\\\"TSNonNullExpression

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\\ "===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isTSExportAssignment=function(e,t){if(!e)return!1;if(\\ "TSExportAssignment\\ "===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isTSNamespaceExportDeclaration=function(e,t){if(!e)return!1;if(\\ "TSNamespaceExportDeclaration\\ "===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isTSTypeAnnotation=function(e,t){if(!e)return!1;if(\\ "TSTypeAnnotation\\ "===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isTSTypeParameterInstantiation=function(e,t){if(!e)return!1;if(\\ "TSTypeParameterInstantiation\\ "===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isTSTypeParameterDeclaration=function(e,t){if(!e)return!1;if(\\ "TSTypeParameterDeclaration\\ "===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isTSTypeParameter=function(e,t){if(!e)return!1;if(\\ "TSTypeParameter\\ "===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isExpression=function(e,t){if(!e)return!1;const
r=e.type;if(\\ "Expression\\ "===r||\\ "ArrayExpression\\ "===r||\\ "AssignmentExpression\\ "===r||\\ "BinaryExpression\\ "===r||\\ "CallExpression\\ "===r||\\ "ConditionalExpression\\ "===r||\\ "FunctionExpression\\ "===r||\\ "Identifier\\ "===r||\\ "StringLiteral\\ "===r||\\ "NumericLiteral\\ "===r||\\ "NullLiteral\\ "===r||\\ "BooleanLiteral\\ "===r||\\ "RegExpLiteral\\ "===r||\\ "LogicalExpression\\ "===r||\\ "MemberExpression\\ "===r||\\ "NewExpression\\ "===r||\\ "ObjectExpression\\ "===r||\\ "SequenceExpression\\ "===r||\\ "ParenthesizedExpression\\ "===r||\\ "ThisExpression\\ "===r||\\ "UnaryExpression\\ "===r||\\ "UpdateExpression\\ "===r||\\ "ArrowFunctionExpression\\ "===r||\\ "ClassExpression\\ "===r||\\ "MetaProperty\\ "===r||\\ "Super\\ "===r||\\ "TaggedTemplateExpression\\ "===r||\\ "TemplateLiteral\\ "===r||\\ "YieldExpression\\ "===r||\\ "AwaitExpression\\ "===r||\\ "Import\\ "===r||\\ "BigIntLiteral\\ "===r||\\ "OptionalMemberExpression\\ "===r||\\ "OptionalCallExpression\\ "===r||\\ "TypeCastExpression\\ "===r||\\ "JSXElement\\ "===r||\\ "JSXFragment\\ "===r||\\ "BindExpression\\ "===r||\\ "PipelinePrimaryTopicReference\\ "===r||\\ "DoExpression\\ "===r||\\ "RecordExpression\\ "===r||\\ "TupleExpression\\ "===r||\\ "DecimalLiteral\\ "===r||\\ "TSAsExpression\\ "===r||\\ "TSTypeAssertion\\ "===r||\\ "TSNonNullExpression\\ "===r||\\ "Placeholder\\ "===r&&(\\ "Expression\\ "===e.expectedNode||\\ "Identifier\\ "===e.expectedNode||\\ "StringLiteral\\ "===e.expectedNode))return void
0===t|(0,i.default)(e,t);return!1},t.isBinary=function(e,t){if(!e)return!1;const
r=e.type;if(\\ "Binary\\ "===r||\\ "BinaryExpression\\ "===r||\\ "LogicalExpression\\ "===r)return void
0===t|(0,i.default)(e,t);return!1},t.isScopable=function(e,t){if(!e)return!1;const
r=e.type;if(\\ "Scopable\\ "===r||\\ "BlockStatement\\ "===r||\\ "CatchClause\\ "===r||\\ "DoWhileStatement\\ "===r||\\ "ForInStatement\\ "===r||\\ "ForStatement\\ "===r||\\ "FunctionDeclaration\\ "===r||\\ "FunctionExpression\\ "===r||\\ "Program\\ "===r||\\ "ObjectMethod\\ "===r||\\ "SwitchStatement\\ "===r||\\ "WhileStatement\\ "===r||\\ "ArrowFunctionExpression\\ "===r||\\ "ClassExpression\\ "===r||\\ "ClassDeclaration\\ "===r||\\ "ForOfStatement\\ "===r||\\ "ClassMethod\\ "===r||\\ "ClassPrivateMethod\\ "===r||\\ "StaticBlock\\ "===r||\\ "TSMODULEBlock\\ "===r||\\ "Placeholder\\ "===r&&(\\ "BlockStatement\\ "===e.expectedNode))return void
0===t|(0,i.default)(e,t);return!1},t.isBlockParent=function(e,t){if(!e)return!1;const
r=e.type;if(\\ "BlockParent\\ "===r||\\ "BlockStatement\\ "===r||\\ "CatchClause\\ "===r||\\ "DoWhileStatement\\ "===r||\\ "ForInStatement\\ "===r||\\ "ForStatement\\ "===r||\\ "FunctionDeclaration\\ "===r||\\ "FunctionExpression\\ "===r||\\ "Program\\ "===r||\\ "ObjectMethod\\ "===r||\\ "SwitchStatement\\ "===r||\\ "WhileStatement\\ "===r||\\ "ArrowFunctionExpression\\ "===r||\\ "ForOfStatement\\ "===r||\\ "ClassMethod\\ "===r||\\ "ClassPrivateMethod\\ "===r||\\ "StaticBlock\\ "===r||\\ "TSMODULEBlock\\ "===r||\\ "Placeholder\\ "===r&&(\\ "BlockStatement\\ "===e.expectedNode))return void
0===t|(0,i.default)(e,t);return!1},t.isBlock=function(e,t){if(!e)return!1;const
r=e.type;if(\\ "Block\\ "===r||\\ "BlockStatement\\ "===r||\\ "Program\\ "===r||\\ "TSMODULEBlock\\ "===r||\\ "Placeholder\\ "===r&&(\\ "BlockStatement\\ "===e.expectedNode))return void
0===t|(0,i.default)(e,t);return!1},t.isStatement=function(e,t){if(!e)return!1;const
r=e.type;if(\\ "Statement\\ "===r||\\ "BlockStatement\\ "===r||\\ "BreakStatement\\ "===r||\\ "ContinueStatement\\ "===r||\\ "DebuggerStatement\\ "===r||\\ "DoWhileStatement\\ "===r||\\ "EmptyStatement\\ "===r||\\ "ExpressionStatement\\ "===r||\\ "ForInStatement\\ "===r||\\ "ForStatement\\ "===r||\\ "FunctionDeclaration\\ "===r||\\ "IfStatement\\

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\===r|\\\\"LabeledStatement\\\\"===r|\\\\"ReturnStatement\\\\"===r|\\\\"SwitchStatement\\\\"===r|\\\\"ThrowStatement\\\\"
\\\\"===r|\\\\"TryStatement\\\\"===r|\\\\"VariableDeclaration\\\\"===r|\\\\"WhileStatement\\\\"===r|\\\\"WithStatement\\\\"
===r|\\\\"ClassDeclaration\\\\"===r|\\\\"ExportAllDeclaration\\\\"===r|\\\\"ExportDefaultDeclaration\\\\"===r|\\\\"ExportNamedDeclaration\\\\"
===r|\\\\"ForOfStatement\\\\"===r|\\\\"ImportDeclaration\\\\"===r|\\\\"DeclareClass\\\\"===r|\\\\"DeclareFunction\\\\"
===r|\\\\"DeclareInterface\\\\"===r|\\\\"DeclareModule\\\\"===r|\\\\"DeclareModuleExports\\\\"===r|\\\\"DeclareTypeAlias\\\\"
===r|\\\\"DeclareOpaqueType\\\\"===r|\\\\"DeclareVariable\\\\"===r|\\\\"DeclareExportDeclaration\\\\"
===r|\\\\"DeclareExportAllDeclaration\\\\"===r|\\\\"InterfaceDeclaration\\\\"===r|\\\\"OpaqueType\\\\"===r|\\\\"TypeAlias\\\\"
===r|\\\\"EnumDeclaration\\\\"===r|\\\\"TSDeclareFunction\\\\"===r|\\\\"TSInterfaceDeclaration\\\\"===r|\\\\"TSTypeAliasDeclaration\\\\"
===r|\\\\"TSEnumDeclaration\\\\"===r|\\\\"TSMModuleDeclaration\\\\"===r|\\\\"TSImportEqualsDeclaration\\\\"
===r|\\\\"TSEExportAssignment\\\\"===r|\\\\"TSNamespaceExportDeclaration\\\\"===r|\\\\"Placeholder\\\\"
===r&&(\\"Statement\\\\"===e.expectedNode|\\\\"Declaration\\\\"===e.expectedNode|\\\\"BlockStatement\\\\"===e.expectedNode))return void
0===t|(0,i.default)(e,t);return!1},t.isTerminatorless=function(e,t){if(!e)return!1;const
r=e.type;if(\\"Terminatorless\\\\"===r|\\\\"BreakStatement\\\\"===r|\\\\"ContinueStatement\\\\"===r|\\\\"ReturnStatement\\\\"
===r|\\\\"ThrowStatement\\\\"===r|\\\\"YieldExpression\\\\"===r|\\\\"AwaitExpression\\\\"===r)return void
0===t|(0,i.default)(e,t);return!1},t.isCompletionStatement=function(e,t){if(!e)return!1;const
r=e.type;if(\\"CompletionStatement\\\\"===r|\\\\"BreakStatement\\\\"===r|\\\\"ContinueStatement\\\\"===r|\\\\"ReturnStatement\\\\"
===r|\\\\"ThrowStatement\\\\"===r)return void
0===t|(0,i.default)(e,t);return!1},t.isConditional=function(e,t){if(!e)return!1;const
r=e.type;if(\\"Conditional\\\\"===r|\\\\"ConditionalExpression\\\\"===r|\\\\"IfStatement\\\\"===r)return void
0===t|(0,i.default)(e,t);return!1},t.isLoop=function(e,t){if(!e)return!1;const
r=e.type;if(\\"Loop\\\\"===r|\\\\"DoWhileStatement\\\\"===r|\\\\"ForInStatement\\\\"===r|\\\\"ForStatement\\\\"===r|\\\\"WhileStatement\\\\"
===r|\\\\"ForOfStatement\\\\"===r)return void
0===t|(0,i.default)(e,t);return!1},t.isWhile=function(e,t){if(!e)return!1;const
r=e.type;if(\\"While\\\\"===r|\\\\"DoWhileStatement\\\\"===r|\\\\"WhileStatement\\\\"===r)return void
0===t|(0,i.default)(e,t);return!1},t.isExpressionWrapper=function(e,t){if(!e)return!1;const
r=e.type;if(\\"ExpressionWrapper\\\\"===r|\\\\"ExpressionStatement\\\\"===r|\\\\"ParenthesizedExpression\\\\"===r|\\\\"TypeCastExpression\\\\"
===r)return void 0===t|(0,i.default)(e,t);return!1},t.isFor=function(e,t){if(!e)return!1;const
r=e.type;if(\\"For\\\\"===r|\\\\"ForInStatement\\\\"===r|\\\\"ForStatement\\\\"===r|\\\\"ForOfStatement\\\\"===r)return void
0===t|(0,i.default)(e,t);return!1},t.isForXStatement=function(e,t){if(!e)return!1;const
r=e.type;if(\\"ForXStatement\\\\"===r|\\\\"ForInStatement\\\\"===r|\\\\"ForOfStatement\\\\"===r)return void
0===t|(0,i.default)(e,t);return!1},t.isFunction=function(e,t){if(!e)return!1;const
r=e.type;if(\\"Function\\\\"===r|\\\\"FunctionDeclaration\\\\"===r|\\\\"FunctionExpression\\\\"===r|\\\\"ObjectMethod\\\\"
===r|\\\\"ArrowFunctionExpression\\\\"===r|\\\\"ClassMethod\\\\"===r|\\\\"ClassPrivateMethod\\\\"===r)return void
0===t|(0,i.default)(e,t);return!1},t.isFunctionParent=function(e,t){if(!e)return!1;const
r=e.type;if(\\"FunctionParent\\\\"===r|\\\\"FunctionDeclaration\\\\"===r|\\\\"FunctionExpression\\\\"===r|\\\\"ObjectMethod\\\\"
===r|\\\\"ArrowFunctionExpression\\\\"===r|\\\\"ClassMethod\\\\"===r|\\\\"ClassPrivateMethod\\\\"===r)return void
0===t|(0,i.default)(e,t);return!1},t.isPureish=function(e,t){if(!e)return!1;const
r=e.type;if(\\"Pureish\\\\"===r|\\\\"FunctionDeclaration\\\\"===r|\\\\"FunctionExpression\\\\"===r|\\\\"StringLiteral\\\\"===r|\\\\"NumericLiteral\\\\"
===r|\\\\"NullLiteral\\\\"===r|\\\\"BooleanLiteral\\\\"===r|\\\\"RegExpLiteral\\\\"===r|\\\\"ArrowFunctionExpression\\\\"===r|\\\\"BigIntLiteral\\\\"
===r|\\\\"DecimalLiteral\\\\"===r|\\\\"Placeholder\\\\"===r&&(\\"StringLiteral\\\\"===e.expectedNode))return void
0===t|(0,i.default)(e,t);return!1},t.isDeclaration=function(e,t){if(!e)return!1;const
r=e.type;if(\\"Declaration\\\\"===r|\\\\"FunctionDeclaration\\\\"===r|\\\\"VariableDeclaration\\\\"===r|\\\\"ClassDeclaration\\\\"
===r|\\\\"ExportAllDeclaration\\\\"===r|\\\\"ExportDefaultDeclaration\\\\"===r|\\\\"ExportNamedDeclaration\\\\"
===r|\\\\"ImportDeclaration\\\\"===r|\\\\"DeclareClass\\\\"===r|\\\\"DeclareFunction\\\\"===r|\\\\"DeclareInterface\\\\"
===r|\\\\"DeclareModule\\\\"===r|\\\\"DeclareModuleExports\\\\"===r|\\\\"DeclareTypeAlias\\\\"===r|\\\\"DeclareOpaqueType\\\\"
===r|\\\\"DeclareVariable\\\\"===r|\\\\"DeclareExportDeclaration\\\\"===r|\\\\"DeclareExportAllDeclaration\\\\"

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\====r|\\InterfaceDeclaration\\====r|\\OpaqueType\\====r|\\TypeAlias\\====r|\\EnumDeclaration\\====
r|\\TSDeclareFunction\\====r|\\TSInterfaceDeclaration\\====r|\\TSTypeAliasDeclaration\\====r|\\TSEnu
mDeclaration\\====r|\\TSMODULEDECLARATION\\====r|\\Placeholder\\====r&&\\Declaration\\====e.expecte
dNode)return void 0===t|(0,i.default)(e,t);return!1},t.isPatternLike=function(e,t){if(!e)return!1;const
r=e.type;if(\\PatternLike\\====r|\\Identifier\\====r|\\RestElement\\====r|\\AssignmentPattern\\====r|\\
ArrayPattern\\====r|\\ObjectPattern\\====r|\\Placeholder\\====r&&(\\Pattern\\====e.expectedNode|\\Ide
ntifier\\====e.expectedNode))return void
0===t|(0,i.default)(e,t);return!1},t.isLVal=function(e,t){if(!e)return!1;const
r=e.type;if(\\LVal\\====r|\\Identifier\\====r|\\MemberExpression\\====r|\\RestElement\\====r|\\Assig
nmentPattern\\====r|\\ArrayPattern\\====r|\\ObjectPattern\\====r|\\TSParameterProperty\\====r|\\Place
holder\\====r&&(\\Pattern\\====e.expectedNode|\\Identifier\\====e.expectedNode))return void
0===t|(0,i.default)(e,t);return!1},t.isTSEntityName=function(e,t){if(!e)return!1;const
r=e.type;if(\\TSEntityName\\====r|\\Identifier\\====r|\\TSQualifiedName\\====r|\\Placeholder\\====r&
&\\Identifier\\====e.expectedNode)return void
0===t|(0,i.default)(e,t);return!1},t.isLiteral=function(e,t){if(!e)return!1;const
r=e.type;if(\\Literal\\====r|\\StringLiteral\\====r|\\NumericLiteral\\====r|\\NullLiteral\\====r|\\Boolea
nLiteral\\====r|\\RegExpLiteral\\====r|\\TemplateLiteral\\====r|\\BigIntLiteral\\====r|\\DecimalLiteral\\
\\====r|\\Placeholder\\====r&&\\StringLiteral\\====e.expectedNode)return void
0===t|(0,i.default)(e,t);return!1},t.isImmutable=function(e,t){if(!e)return!1;const
r=e.type;if(\\Immutable\\====r|\\StringLiteral\\====r|\\NumericLiteral\\====r|\\NullLiteral\\====r|\\Bo
oleanLiteral\\====r|\\BigIntLiteral\\====r|\\JSXAttribute\\====r|\\JSXClosingElement\\====r|\\JSXEle
ment\\====r|\\JSXExpressionContainer\\====r|\\JSXSpreadChild\\====r|\\JSXOpeningElement\\====r|\\
JSXText\\====r|\\JSXFragment\\====r|\\JSXOpeningFragment\\====r|\\JSXClosingFragment\\====r|\\
DecimalLiteral\\====r|\\Placeholder\\====r&&\\StringLiteral\\====e.expectedNode)return void
0===t|(0,i.default)(e,t);return!1},t.isUserWhitespacable=function(e,t){if(!e)return!1;const
r=e.type;if(\\UserWhitespacable\\====r|\\ObjectMethod\\====r|\\ObjectProperty\\====r|\\ObjectTypeInter
nalSlot\\====r|\\ObjectTypeCallProperty\\====r|\\ObjectTypeIndexer\\====r|\\ObjectTypeProperty\\====r|
\\ObjectTypeSpreadProperty\\====r)return void
0===t|(0,i.default)(e,t);return!1},t.isMethod=function(e,t){if(!e)return!1;const
r=e.type;if(\\Method\\====r|\\ObjectMethod\\====r|\\ClassMethod\\====r|\\ClassPrivateMethod\\====r)r
eturn void 0===t|(0,i.default)(e,t);return!1},t.isObjectMember=function(e,t){if(!e)return!1;const
r=e.type;if(\\ObjectMember\\====r|\\ObjectMethod\\====r|\\ObjectProperty\\====r)return void
0===t|(0,i.default)(e,t);return!1},t.isProperty=function(e,t){if(!e)return!1;const
r=e.type;if(\\Property\\====r|\\ObjectProperty\\====r|\\ClassProperty\\====r|\\ClassPrivateProperty\\====
=r)return void 0===t|(0,i.default)(e,t);return!1},t.isUnaryLike=function(e,t){if(!e)return!1;const
r=e.type;if(\\UnaryLike\\====r|\\UnaryExpression\\====r|\\SpreadElement\\====r)return void
0===t|(0,i.default)(e,t);return!1},t.isPattern=function(e,t){if(!e)return!1;const
r=e.type;if(\\Pattern\\====r|\\AssignmentPattern\\====r|\\ArrayPattern\\====r|\\ObjectPattern\\====r|\\
Placeholder\\====r&&\\Pattern\\====e.expectedNode)return void
0===t|(0,i.default)(e,t);return!1},t.isClass=function(e,t){if(!e)return!1;const
r=e.type;if(\\Class\\====r|\\ClassExpression\\====r|\\ClassDeclaration\\====r)return void
0===t|(0,i.default)(e,t);return!1},t.isModuleDeclaration=function(e,t){if(!e)return!1;const
r=e.type;if(\\ModuleDeclaration\\====r|\\ExportAllDeclaration\\====r|\\ExportDefaultDeclaration\\====r|\\
ExportNamedDeclaration\\====r|\\ImportDeclaration\\====r)return void
0===t|(0,i.default)(e,t);return!1},t.isExportDeclaration=function(e,t){if(!e)return!1;const
r=e.type;if(\\ExportDeclaration\\====r|\\ExportAllDeclaration\\====r|\\ExportDefaultDeclaration\\====r|\\
ExportNamedDeclaration\\====r)return void
0===t|(0,i.default)(e,t);return!1},t.isModuleSpecifier=function(e,t){if(!e)return!1;const

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r=e.type;if(\\\\"ModuleSpecifier\\\\"===r|\\\\"ExportSpecifier\\\\"===r|\\\\"ImportDefaultSpecifier\\\\"===r|\\\\"ImportNameSpaceSpecifier\\\\"===r|\\\\"ImportSpecifier\\\\"===r|\\\\"ExportNamespaceSpecifier\\\\"===r|\\\\"ExportDefaultSpecifier\\\\"===r)return void 0===t|(0,i.default)(e,t);return!1},t.isFlow=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"Flow\\\\"===r|\\\\"AnyTypeAnnotation\\\\"===r|\\\\"ArrayTypeAnnotation\\\\"===r|\\\\"BooleanTypeAnnotation\\\\"===r|\\\\"BooleanLiteralTypeAnnotation\\\\"===r|\\\\"NullLiteralTypeAnnotation\\\\"===r|\\\\"ClassImplements\\\\"===r|\\\\"DeclareClass\\\\"===r|\\\\"DeclareFunction\\\\"===r|\\\\"DeclareInterface\\\\"===r|\\\\"DeclareModule\\\\"===r|\\\\"DeclareModuleExports\\\\"===r|\\\\"DeclareTypeAlias\\\\"===r|\\\\"DeclareOpaqueType\\\\"===r|\\\\"DeclareVariable\\\\"===r|\\\\"DeclareExportDeclaration\\\\"===r|\\\\"DeclareExportAllDeclaration\\\\"===r|\\\\"DeclaredPredicate\\\\"===r|\\\\"ExistsTypeAnnotation\\\\"===r|\\\\"FunctionTypeAnnotation\\\\"===r|\\\\"FunctionTypeParam\\\\"===r|\\\\"GenericTypeAnnotation\\\\"===r|\\\\"InferredPredicate\\\\"===r|\\\\"InterfaceExtends\\\\"===r|\\\\"InterfaceDeclaration\\\\"===r|\\\\"InterfaceTypeAnnotation\\\\"===r|\\\\"IntersectionTypeAnnotation\\\\"===r|\\\\"MixedTypeAnnotation\\\\"===r|\\\\"EmptyTypeAnnotation\\\\"===r|\\\\"NullableTypeAnnotation\\\\"===r|\\\\"NumberLiteralTypeAnnotation\\\\"===r|\\\\"NumberTypeAnnotation\\\\"===r|\\\\"ObjectTypeAnnotation\\\\"===r|\\\\"ObjectTypeInternalSlot\\\\"===r|\\\\"ObjectTypeCallProperty\\\\"===r|\\\\"ObjectTypeIndexer\\\\"===r|\\\\"ObjectTypeProperty\\\\"===r|\\\\"ObjectTypeSpreadProperty\\\\"===r|\\\\"OpaqueType\\\\"===r|\\\\"QualifiedTypeIdentifier\\\\"===r|\\\\"StringLiteralTypeAnnotation\\\\"===r|\\\\"StringTypeAnnotation\\\\"===r|\\\\"SymbolTypeAnnotation\\\\"===r|\\\\"ThisTypeAnnotation\\\\"===r|\\\\"TupleTypeAnnotation\\\\"===r|\\\\"TypeofTypeAnnotation\\\\"===r|\\\\"TypeAlias\\\\"===r|\\\\"TypeAnnotation\\\\"===r|\\\\"TypeCastExpression\\\\"===r|\\\\"TypeParameter\\\\"===r|\\\\"TypeParameterDeclaration\\\\"===r|\\\\"TypeParameterInstantiation\\\\"===r|\\\\"UnionTypeAnnotation\\\\"===r|\\\\"Variance\\\\"===r|\\\\"VoidTypeAnnotation\\\\"===r)return void 0===t|(0,i.default)(e,t);return!1},t.isFlowType=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"FlowType\\\\"===r|\\\\"AnyTypeAnnotation\\\\"===r|\\\\"ArrayTypeAnnotation\\\\"===r|\\\\"BooleanTypeAnnotation\\\\"===r|\\\\"BooleanLiteralTypeAnnotation\\\\"===r|\\\\"NullLiteralTypeAnnotation\\\\"===r|\\\\"ExistsTypeAnnotation\\\\"===r|\\\\"FunctionTypeAnnotation\\\\"===r|\\\\"GenericTypeAnnotation\\\\"===r|\\\\"InterfaceTypeAnnotation\\\\"===r|\\\\"IntersectionTypeAnnotation\\\\"===r|\\\\"MixedTypeAnnotation\\\\"===r|\\\\"EmptyTypeAnnotation\\\\"===r|\\\\"NullableTypeAnnotation\\\\"===r|\\\\"NumberLiteralTypeAnnotation\\\\"===r|\\\\"NumberTypeAnnotation\\\\"===r|\\\\"ObjectTypeAnnotation\\\\"===r|\\\\"StringLiteralTypeAnnotation\\\\"===r|\\\\"StringTypeAnnotation\\\\"===r|\\\\"SymbolTypeAnnotation\\\\"===r|\\\\"ThisTypeAnnotation\\\\"===r|\\\\"TupleTypeAnnotation\\\\"===r|\\\\"TypeofTypeAnnotation\\\\"===r|\\\\"UnionTypeAnnotation\\\\"===r|\\\\"VoidTypeAnnotation\\\\"===r)return void
0===t|(0,i.default)(e,t);return!1},t.isFlowBaseAnnotation=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"FlowBaseAnnotation\\\\"===r|\\\\"AnyTypeAnnotation\\\\"===r|\\\\"BooleanTypeAnnotation\\\\"===r|\\\\"NullLiteralTypeAnnotation\\\\"===r|\\\\"MixedTypeAnnotation\\\\"===r|\\\\"EmptyTypeAnnotation\\\\"===r|\\\\"NumberTypeAnnotation\\\\"===r|\\\\"StringTypeAnnotation\\\\"===r|\\\\"SymbolTypeAnnotation\\\\"===r|\\\\"ThisTypeAnnotation\\\\"===r|\\\\"VoidTypeAnnotation\\\\"===r)return void
0===t|(0,i.default)(e,t);return!1},t.isFlowDeclaration=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"FlowDeclaration\\\\"===r|\\\\"DeclareClass\\\\"===r|\\\\"DeclareFunction\\\\"===r|\\\\"DeclareInterface\\\\"===r|\\\\"DeclareModule\\\\"===r|\\\\"DeclareModuleExports\\\\"===r|\\\\"DeclareTypeAlias\\\\"===r|\\\\"DeclareOpaqueType\\\\"===r|\\\\"DeclareVariable\\\\"===r|\\\\"DeclareExportDeclaration\\\\"===r|\\\\"DeclareExportAllDeclaration\\\\"===r|\\\\"InterfaceDeclaration\\\\"===r|\\\\"OpaqueType\\\\"===r|\\\\"TypeAlias\\\\"===r)return void
0===t|(0,i.default)(e,t);return!1},t.isFlowPredicate=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"FlowPredicate\\\\"===r|\\\\"DeclaredPredicate\\\\"===r|\\\\"InferredPredicate\\\\"===r)return void
0===t|(0,i.default)(e,t);return!1},t.isEnumBody=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"EnumBody\\\\"===r|\\\\"EnumBooleanBody\\\\"===r|\\\\"EnumNumberBody\\\\"===r|\\\\"EnumStringBody\\\\"===r|\\\\"EnumSymbolBody\\\\"===r)return void
0===t|(0,i.default)(e,t);return!1},t.isEnumMember=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"EnumMember\\\\"===r|\\\\"EnumBooleanMember\\\\"===r|\\\\"EnumNumberMember\\\\"===r|\\\\"EnumStringMember\\\\"===r|\\\\"EnumDefaultedMember\\\\"===r)return void
0===t|(0,i.default)(e,t);return!1},t.isJSX=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"JSX\\\\"===r|\\\\"JSXAttribute\\\\"===r|\\\\"JSXClosingElement\\\\"===r|\\\\"JSXElement\\\\"===r|\\\\"JS

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XEmptyExpression\\\\"===r\\\\"JSXExpressionContainer\\\\"===r\\\\"JSXSpreadChild\\\\"===r\\\\"JSXIdentifier\\\\"=
===r\\\\"JSXMemberExpression\\\\"===r\\\\"JSXNamespacedName\\\\"===r\\\\"JSXOpeningElement\\\\"===r\\\\"JSX
SpreadAttribute\\\\"===r\\\\"JSXText\\\\"===r\\\\"JSXFragment\\\\"===r\\\\"JSXOpeningFragment\\\\"===r\\\\"JSXCl
osingFragment\\\\"===r)return void 0===t|(0,i.default)(e,t);return!1},t.isPrivate=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"Private\\\\"===r\\\\"ClassPrivateProperty\\\\"===r\\\\"ClassPrivateMethod\\\\"===r\\\\"PrivateName\\\\"
===r)return void 0===t|(0,i.default)(e,t);return!1},t.isTSTypeElement=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"TSTypeElement\\\\"===r\\\\"TSCallSignatureDeclaration\\\\"===r\\\\"TSConstructSignatureDeclaratio
n\\\\"===r\\\\"TSPropertySignature\\\\"===r\\\\"TSMethodSignature\\\\"===r\\\\"TSIndexSignature\\\\"===r)return
void 0===t|(0,i.default)(e,t);return!1},t.isTSType=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"TSType\\\\"===r\\\\"TSAnyKeyword\\\\"===r\\\\"TSBooleanKeyword\\\\"===r\\\\"TSBigIntKeyword\\\\"
\\\\"===r\\\\"TSIntrinsicKeyword\\\\"===r\\\\"TSNeverKeyword\\\\"===r\\\\"TSNullKeyword\\\\"===r\\\\"TSNumberK
eyword\\\\"===r\\\\"TSObjectKeyword\\\\"===r\\\\"TSStringKeyword\\\\"===r\\\\"TSSymbolKeyword\\\\"===r\\\\"TS
UndefinedKeyword\\\\"===r\\\\"TSUnknownKeyword\\\\"===r\\\\"TSVoidKeyword\\\\"===r\\\\"TSThisType\\\\"===r
\\\\"TSFunctionType\\\\"===r\\\\"TSConstructorType\\\\"===r\\\\"TSTypeReference\\\\"===r\\\\"TSTypePredicate\\\\"
===r\\\\"TSTypeQuery\\\\"===r\\\\"TSTypeLiteral\\\\"===r\\\\"TSArrayType\\\\"===r\\\\"TSTupleType\\\\"===r\\\\"T
SOptionalType\\\\"===r\\\\"TSRestType\\\\"===r\\\\"TSUnionType\\\\"===r\\\\"TSIntersectionType\\\\"===r\\\\"TSCo
nditionalType\\\\"===r\\\\"TSInferType\\\\"===r\\\\"TSParenthesizedType\\\\"===r\\\\"TSTypeOperator\\\\"===r\\\\"T
SIndexedAccessType\\\\"===r\\\\"TSMappedType\\\\"===r\\\\"TSLiteralType\\\\"===r\\\\"TSExpressionWithTypeAr
guments\\\\"===r\\\\"TSImportType\\\\"===r)return void
0===t|(0,i.default)(e,t);return!1},t.isTSBaseType=function(e,t){if(!e)return!1;const
r=e.type;if(\\\\"TSBaseType\\\\"===r\\\\"TSAnyKeyword\\\\"===r\\\\"TSBooleanKeyword\\\\"===r\\\\"TSBigIntKeyw
ord\\\\"===r\\\\"TSIntrinsicKeyword\\\\"===r\\\\"TSNeverKeyword\\\\"===r\\\\"TSNullKeyword\\\\"===r\\\\"TSNum
berKeyword\\\\"===r\\\\"TSObjectKeyword\\\\"===r\\\\"TSStringKeyword\\\\"===r\\\\"TSSymbolKeyword\\\\"===r\\\\"
\\\\"TSUndefinedKeyword\\\\"===r\\\\"TSUnknownKeyword\\\\"===r\\\\"TSVoidKeyword\\\\"===r\\\\"TSThisType\\\\"
===r\\\\"TSLiteralType\\\\"===r)return void
0===t|(0,i.default)(e,t);return!1},t.isNumberLiteral=function(e,t){if(console.trace(\\\\"The node type NumberLiteral
has been renamed to NumericLiteral\\\\"),!e)return!1;if(\\\\"NumberLiteral\\\\"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isRegexLiteral=function(e,t){if(console.trace(\\\\"The node type RegexLiteral has
been renamed to RegExpLiteral\\\\"),!e)return!1;if(\\\\"RegexLiteral\\\\"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isRestProperty=function(e,t){if(console.trace(\\\\"The node type RestProperty has
been renamed to RestElement\\\\"),!e)return!1;if(\\\\"RestProperty\\\\"===e.type)return void
0===t|(0,i.default)(e,t);return!1},t.isSpreadProperty=function(e,t){if(console.trace(\\\\"The node type
SpreadProperty has been renamed to SpreadElement\\\\"),!e)return!1;if(\\\\"SpreadProperty\\\\"===e.type)return void
0===t|(0,i.default)(e,t);return!1};var n,i=(n=r(39))&&n.__esModule?n:{default:n}},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),t.arrayExpression=function(e){return(0,n.default)(\\\\"
ArrayExpression\\\\",...arguments)},t.assignmentExpression=function(e,t,r){return(0,n.default)(\\\\"AssignmentExpres
sion\\\\",...arguments)},t.binaryExpression=function(e,t,r){return(0,n.default)(\\\\"BinaryExpression\\\\",...arguments)
},t.interpreterDirective=function(e){return(0,n.default)(\\\\"InterpreterDirective\\\\",...arguments)},t.directive=functio
n(e){return(0,n.default)(\\\\"Directive\\\\",...arguments)},t.directiveLiteral=function(e){return(0,n.default)(\\\\"Directiv
eLiteral\\\\",...arguments)},t.blockStatement=function(e,t){return(0,n.default)(\\\\"BlockStatement\\\\",...arguments)},t.
breakStatement=function(e){return(0,n.default)(\\\\"BreakStatement\\\\",...arguments)},t.callExpression=function(e,t)
{return(0,n.default)(\\\\"CallExpression\\\\",...arguments)},t.catchClause=function(e,t){return(0,n.default)(\\\\"CatchCl
ause\\\\",...arguments)},t.conditionalExpression=function(e,t,r){return(0,n.default)(\\\\"ConditionalExpression\\\\",...ar
guments)},t.continueStatement=function(e){return(0,n.default)(\\\\"ContinueStatement\\\\",...arguments)},t.debuggerS
tatement=function(){return(0,n.default)(\\\\"DebuggerStatement\\\\",...arguments)},t.doWhileStatement=function(e,t){
return(0,n.default)(\\\\"DoWhileStatement\\\\",...arguments)},t.emptyStatement=function(){return(0,n.default)(\\\\"Em
ptyStatement\\\\",...arguments)},t.expressionStatement=function(e){return(0,n.default)(\\\\"ExpressionStatement\\\\",...
arguments)},t.file=function(e,t,r){return(0,n.default)(\\\\"File\\\\",...arguments)},t.forInStatement=function(e,t,r){retur

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n(0,n.default)(\\"ForInStatement\\",...arguments)},t.forStatement=function(e,t,r,i){return(0,n.default)(\\"ForStatement
ent\\",...arguments)},t.functionDeclaration=function(e,t,r,i,s){return(0,n.default)(\\"FunctionDeclaration\\",...argu
ments)},t.functionExpression=function(e,t,r,i,s){return(0,n.default)(\\"FunctionExpression\\",...arguments)},t.identi
fier=function(e){return(0,n.default)(\\"Identifier\\",...arguments)},t.ifStatement=function(e,t,r){return(0,n.default)(\
\\"IfStatement\\",...arguments)},t.labeledStatement=function(e,t){return(0,n.default)(\\"LabeledStatement\\",...argu
ments)},t.stringLiteral=function(e){return(0,n.default)(\\"StringLiteral\\",...arguments)},t.numericLiteral=function(
e){return(0,n.default)(\\"NumericLiteral\\",...arguments)},t.nullLiteral=function(){return(0,n.default)(\\"NullLitera
l\\",...arguments)},t.booleanLiteral=function(e){return(0,n.default)(\\"BooleanLiteral\\",...arguments)},t.regExpLit
eral=function(e,t){return(0,n.default)(\\"RegExpLiteral\\",...arguments)},t.logicalExpression=function(e,t,r){return(
0,n.default)(\\"LogicalExpression\\",...arguments)},t.memberExpression=function(e,t,r,i){return(0,n.default)(\\"Me
mberExpression\\",...arguments)},t.newExpression=function(e,t){return(0,n.default)(\\"NewExpression\\",...argum
ents)},t.program=function(e,t,r,i){return(0,n.default)(\\"Program\\",...arguments)},t.objectExpression=function(e){r
eturn(0,n.default)(\\"ObjectExpression\\",...arguments)},t.objectMethod=function(e,t,r,i,s,a,o){return(0,n.default)(\
\\"ObjectMethod\\",...arguments)},t.objectProperty=function(e,t,r,i,s){return(0,n.default)(\\"ObjectProperty\\",...arg
uments)},t.restElement=function(e){return(0,n.default)(\\"RestElement\\",...arguments)},t.returnStatement=functio
n(e){return(0,n.default)(\\"ReturnStatement\\",...arguments)},t.sequenceExpression=function(e){return(0,n.default)
(\\"SequenceExpression\\",...arguments)},t.parenthesizedExpression=function(e){return(0,n.default)(\\"Parenthesiz
edExpression\\",...arguments)},t.switchCase=function(e,t){return(0,n.default)(\\"SwitchCase\\",...arguments)},t.sw
itchStatement=function(e,t){return(0,n.default)(\\"SwitchStatement\\",...arguments)},t.thisExpression=function(){r
eturn(0,n.default)(\\"ThisExpression\\",...arguments)},t.throwStatement=function(e){return(0,n.default)(\\"ThrowS
tatement\\",...arguments)},t.tryStatement=function(e,t,r){return(0,n.default)(\\"TryStatement\\",...arguments)},t.un
aryExpression=function(e,t,r){return(0,n.default)(\\"UnaryExpression\\",...arguments)},t.updateExpression=functio
n(e,t,r){return(0,n.default)(\\"UpdateExpression\\",...arguments)},t.variableDeclaration=function(e,t){return(0,n.de
fault)(\\"VariableDeclaration\\",...arguments)},t.variableDeclarator=function(e,t){return(0,n.default)(\\"VariableD
eclarator\\",...arguments)},t.whileStatement=function(e,t){return(0,n.default)(\\"WhileStatement\\",...arguments)},
t.withStatement=function(e,t){return(0,n.default)(\\"WithStatement\\",...arguments)},t.assignmentPattern=function(
e,t){return(0,n.default)(\\"AssignmentPattern\\",...arguments)},t.arrayPattern=function(e){return(0,n.default)(\\"Ar
rayPattern\\",...arguments)},t.arrowFunctionExpression=function(e,t,r){return(0,n.default)(\\"ArrowFunctionExpres
sion\\",...arguments)},t.classBody=function(e){return(0,n.default)(\\"ClassBody\\",...arguments)},t.classExpressio
n=function(e,t,r,i){return(0,n.default)(\\"ClassExpression\\",...arguments)},t.classDeclaration=function(e,t,r,i){retu
rn(0,n.default)(\\"ClassDeclaration\\",...arguments)},t.exportAllDeclaration=function(e){return(0,n.default)(\\"Exp
ortAllDeclaration\\",...arguments)},t.exportDefaultDeclaration=function(e){return(0,n.default)(\\"ExportDefaultDe
claration\\",...arguments)},t.exportNamedDeclaration=function(e,t,r){return(0,n.default)(\\"ExportNamedDeclarati
on\\",...arguments)},t.exportSpecifier=function(e,t){return(0,n.default)(\\"ExportSpecifier\\",...arguments)},t.forOf
Statement=function(e,t,r,i){return(0,n.default)(\\"ForOfStatement\\",...arguments)},t.importDeclaration=function(e,
t){return(0,n.default)(\\"ImportDeclaration\\",...arguments)},t.importDefaultSpecifier=function(e){return(0,n.defau
lt)(\\"ImportDefaultSpecifier\\",...arguments)},t.importNamespaceSpecifier=function(e){return(0,n.default)(\\"Imp
ortNamespaceSpecifier\\",...arguments)},t.importSpecifier=function(e,t){return(0,n.default)(\\"ImportSpecifier\\",.
..arguments)},t.metaProperty=function(e,t){return(0,n.default)(\\"MetaProperty\\",...arguments)},t.classMethod=fun
ction(e,t,r,i,s,a,o,l){return(0,n.default)(\\"ClassMethod\\",...arguments)},t.objectPattern=function(e){return(0,n.def
ault)(\\"ObjectPattern\\",...arguments)},t.spreadElement=function(e){return(0,n.default)(\\"SpreadElement\\",...ar
guments)},t.super=function(){return(0,n.default)(\\"Super\\",...arguments)},t.taggedTemplateExpression=function(
e,t){return(0,n.default)(\\"TaggedTemplateExpression\\",...arguments)},t.templateElement=function(e,t){return(0,n
.default)(\\"TemplateElement\\",...arguments)},t.templateLiteral=function(e,t){return(0,n.default)(\\"TemplateLiter
al\\",...arguments)},t.yieldExpression=function(e,t){return(0,n.default)(\\"YieldExpression\\",...arguments)},t.awai
tExpression=function(e){return(0,n.default)(\\"AwaitExpression\\",...arguments)},t.import=function(){return(0,n.d
efault)(\\"Import\\",...arguments)},t.bigIntLiteral=function(e){return(0,n.default)(\\"BigIntLiteral\\",...arguments)
},t.exportNamespaceSpecifier=function(e){return(0,n.default)(\\"ExportNamespaceSpecifier\\",...arguments)},t.opti

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onalMemberExpression=function(e,t,r,i){return(0,n.default)(\\"OptionalMemberExpression\\",...arguments)},t.optionalCallExpression=function(e,t,r){return(0,n.default)(\\"OptionalCallExpression\\",...arguments)},t.anyTypeAnnotation=function(){return(0,n.default)(\\"AnyTypeAnnotation\\",...arguments)},t.arrayTypeAnnotation=function(e){return(0,n.default)(\\"ArrayTypeAnnotation\\",...arguments)},t.booleanTypeAnnotation=function(){return(0,n.default)(\\"BooleanTypeAnnotation\\",...arguments)},t.booleanLiteralTypeAnnotation=function(e){return(0,n.default)(\\"BooleanLiteralTypeAnnotation\\",...arguments)},t.nullLiteralTypeAnnotation=function(){return(0,n.default)(\\"NullLiteralTypeAnnotation\\",...arguments)},t.classImplements=function(e,t){return(0,n.default)(\\"ClassImplements\\",...arguments)},t.declareClass=function(e,t,r,i){return(0,n.default)(\\"DeclareClass\\",...arguments)},t.declareFunction=function(e){return(0,n.default)(\\"DeclareFunction\\",...arguments)},t.declareInterface=function(e,t,r,i){return(0,n.default)(\\"DeclareInterface\\",...arguments)},t.declareModule=function(e,t,r){return(0,n.default)(\\"DeclareModule\\",...arguments)},t.declareModuleExports=function(e){return(0,n.default)(\\"DeclareModuleExports\\",...arguments)},t.declareTypeAlias=function(e,t,r){return(0,n.default)(\\"DeclareTypeAlias\\",...arguments)},t.declareOpaqueType=function(e,t,r){return(0,n.default)(\\"DeclareOpaqueType\\",...arguments)},t.declareVariable=function(e){return(0,n.default)(\\"DeclareVariable\\",...arguments)},t.declareExportDeclaration=function(e,t,r){return(0,n.default)(\\"DeclareExportDeclaration\\",...arguments)},t.declareExportAllDeclaration=function(e){return(0,n.default)(\\"DeclareExportAllDeclaration\\",...arguments)},t.declaredPredicate=function(e){return(0,n.default)(\\"DeclaredPredicate\\",...arguments)},t.existsTypeAnnotation=function(){return(0,n.default)(\\"ExistsTypeAnnotation\\",...arguments)},t.functionTypeAnnotation=function(e,t,r,i){return(0,n.default)(\\"FunctionTypeAnnotation\\",...arguments)},t.functionTypeParam=function(e,t){return(0,n.default)(\\"FunctionTypeParam\\",...arguments)},t.genericTypeAnnotation=function(e,t){return(0,n.default)(\\"GenericTypeAnnotation\\",...arguments)},t.inferredPredicate=function(){return(0,n.default)(\\"InferredPredicate\\",...arguments)},t.interfaceExtends=function(e,t){return(0,n.default)(\\"InterfaceExtends\\",...arguments)},t.interfaceDeclaration=function(e,t,r,i){return(0,n.default)(\\"InterfaceDeclaration\\",...arguments)},t.interfaceTypeAnnotation=function(e,t){return(0,n.default)(\\"InterfaceTypeAnnotation\\",...arguments)},t.intersectionTypeAnnotation=function(e){return(0,n.default)(\\"IntersectionTypeAnnotation\\",...arguments)},t.mixedTypeAnnotation=function(){return(0,n.default)(\\"MixedTypeAnnotation\\",...arguments)},t.emptyTypeAnnotation=function(){return(0,n.default)(\\"EmptyTypeAnnotation\\",...arguments)},t.nullableTypeAnnotation=function(e){return(0,n.default)(\\"NullableTypeAnnotation\\",...arguments)},t.numberLiteralTypeAnnotation=function(e){return(0,n.default)(\\"NumberLiteralTypeAnnotation\\",...arguments)},t.numberTypeAnnotation=function(){return(0,n.default)(\\"NumberTypeAnnotation\\",...arguments)},t.objectTypeAnnotation=function(e,t,r,i,s){return(0,n.default)(\\"ObjectTypeAnnotation\\",...arguments)},t.objectTypeInternalSlot=function(e,t,r,i,s){return(0,n.default)(\\"ObjectTypeInternalSlot\\",...arguments)},t.objectTypeCallProperty=function(e){return(0,n.default)(\\"ObjectTypeCallProperty\\",...arguments)},t.objectTypeIndexer=function(e,t,r,i){return(0,n.default)(\\"ObjectTypeIndexer\\",...arguments)},t.objectTypeProperty=function(e,t,r){return(0,n.default)(\\"ObjectTypeProperty\\",...arguments)},t.objectTypeSpreadProperty=function(e){return(0,n.default)(\\"ObjectTypeSpreadProperty\\",...arguments)},t.opaqueType=function(e,t,r,i){return(0,n.default)(\\"OpaqueType\\",...arguments)},t.qualifiedTypeIdentifier=function(e,t){return(0,n.default)(\\"QualifiedTypeIdentifier\\",...arguments)},t.stringLiteralTypeAnnotation=function(e){return(0,n.default)(\\"StringLiteralTypeAnnotation\\",...arguments)},t.stringTypeAnnotation=function(){return(0,n.default)(\\"StringTypeAnnotation\\",...arguments)},t.symbolTypeAnnotation=function(){return(0,n.default)(\\"SymbolTypeAnnotation\\",...arguments)},t.thisTypeAnnotation=function(){return(0,n.default)(\\"ThisTypeAnnotation\\",...arguments)},t.tupleTypeAnnotation=function(e){return(0,n.default)(\\"TupleTypeAnnotation\\",...arguments)},t.typeofTypeAnnotation=function(e){return(0,n.default)(\\"TypeofTypeAnnotation\\",...arguments)},t.typeAlias=function(e,t,r){return(0,n.default)(\\"TypeAlias\\",...arguments)},t.typeAnnotation=function(e){return(0,n.default)(\\"TypeAnnotation\\",...arguments)},t.typeCastExpression=function(e,t){return(0,n.default)(\\"TypeCastExpression\\",...arguments)},t.typeParameter=function(e,t,r){return(0,n.default)(\\"TypeParameter\\",...arguments)},t.typeParameterDeclaration=function(e){return(0,n.default)(\\"TypeParameterDeclaration\\",...arguments)},t.typeParameterInstantiation=function(e){return(0,n.default)(\\"TypeParameterInstantiation\\",...arguments)},t.unionTypeAnnotation=function(e){return(0,n.default)(\\"UnionTypeAnnotation\\",...arguments)},t.variance=function(e){return(0,n.default)(\\"Variance\\",...arguments)},t.voidTypeAnnotation=function(){return(0,n.default)(\\"VoidTypeAnnotation\\",...arguments)},t.voidTypeAnnotation=function(){return(0,n.default)(\\"VoidTypeAnnotation\\",...arguments)}

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on\\\\"...arguments)},t.enumDeclaration=function(e,t){return(0,n.default)(\\\\"EnumDeclaration\\\\"...arguments)},t.enumBooleanBody=function(e){return(0,n.default)(\\\\"EnumBooleanBody\\\\"...arguments)},t.enumNumberBody=function(e){return(0,n.default)(\\\\"EnumNumberBody\\\\"...arguments)},t.enumStringBody=function(e){return(0,n.default)(\\\\"EnumStringBody\\\\"...arguments)},t.enumSymbolBody=function(e){return(0,n.default)(\\\\"EnumSymbolBody\\\\"...arguments)},t.enumBooleanMember=function(e){return(0,n.default)(\\\\"EnumBooleanMember\\\\"...arguments)},t.enumNumberMember=function(e,t){return(0,n.default)(\\\\"EnumNumberMember\\\\"...arguments)},t.enumStringMember=function(e,t){return(0,n.default)(\\\\"EnumStringMember\\\\"...arguments)},t.enumDefaultedMember=function(e){return(0,n.default)(\\\\"EnumDefaultedMember\\\\"...arguments)},t.indexedAccessType=function(e,t){return(0,n.default)(\\\\"IndexedAccessType\\\\"...arguments)},t.optionalIndexedAccessType=function(e,t){return(0,n.default)(\\\\"OptionalIndexedAccessType\\\\"...arguments)},t.jsxAttribute=t.jsxAttribute=function(e,t){return(0,n.default)(\\\\"JSXAttribute\\\\"...arguments)},t.jSXClosingElement=t.jsxClosingElement=function(e){return(0,n.default)(\\\\"JSSXClosingElement\\\\"...arguments)},t.jSXElement=t.jsxElement=function(e,t,r,i){return(0,n.default)(\\\\"JSXElement\\\\"...arguments)},t.jSXEmptyExpression=t.jsxEmptyExpression=function(){return(0,n.default)(\\\\"JSXEmptyExpression\\\\"...arguments)},t.jSXExpressionContainer=t.jsxExpressionContainer=function(e){return(0,n.default)(\\\\"JSXExpressionContainer\\\\"...arguments)},t.jSXSpreadChild=t.jsxSpreadChild=function(e){return(0,n.default)(\\\\"JSXSpreadChild\\\\"...arguments)},t.jSXIdentifier=t.jsxIdentifier=function(e){return(0,n.default)(\\\\"JSXIdentifier\\\\"...arguments)},t.jSXMemberExpression=t.jsxMemberExpression=function(e,t){return(0,n.default)(\\\\"JSXMemberExpression\\\\"...arguments)},t.jSXNamespacedName=t.jsxNamespacedName=function(e,t){return(0,n.default)(\\\\"JSXNamespacedName\\\\"...arguments)},t.jSXOpeningElement=t.jsxOpeningElement=function(e,t,r){return(0,n.default)(\\\\"JSXOpeningElement\\\\"...arguments)},t.jSXSpreadAttribute=t.jsxSpreadAttribute=function(e){return(0,n.default)(\\\\"JSXSpreadAttribute\\\\"...arguments)},t.jSXText=t.jsxText=function(e){return(0,n.default)(\\\\"JSXText\\\\"...arguments)},t.jSXFragment=t.jsxFragment=function(e,t,r){return(0,n.default)(\\\\"JSXFragment\\\\"...arguments)},t.jSXOpeningFragment=t.jsxOpeningFragment=function(){return(0,n.default)(\\\\"JSXOpeningFragment\\\\"...arguments)},t.jSXClosingFragment=t.jsxClosingFragment=function(){return(0,n.default)(\\\\"JSXClosingFragment\\\\"...arguments)},t.noop=function(){return(0,n.default)(\\\\"Noop\\\\"...arguments)},t.placeholder=function(e,t){return(0,n.default)(\\\\"Placeholder\\\\"...arguments)},t.v8IntrinsicIdentifier=function(e){return(0,n.default)(\\\\"V8IntrinsicIdentifier\\\\"...arguments)},t.argumentPlaceholder=function(){return(0,n.default)(\\\\"ArgumentPlaceholder\\\\"...arguments)},t.bindExpression=function(e,t){return(0,n.default)(\\\\"BindExpression\\\\"...arguments)},t.classProperty=function(e,t,r,i,s,a){return(0,n.default)(\\\\"ClassProperty\\\\"...arguments)},t.pipelineTopicExpression=function(e){return(0,n.default)(\\\\"PipelineTopicExpression\\\\"...arguments)},t.pipelineBareFunction=function(e){return(0,n.default)(\\\\"PipelineBareFunction\\\\"...arguments)},t.pipelinePrimaryTopicReference=function(){return(0,n.default)(\\\\"PipelinePrimaryTopicReference\\\\"...arguments)},t.classPrivateProperty=function(e,t,r,i){return(0,n.default)(\\\\"ClassPrivateProperty\\\\"...arguments)},t.classPrivateMethod=function(e,t,r,i,s){return(0,n.default)(\\\\"ClassPrivateMethod\\\\"...arguments)},t.importAttribute=function(e,t){return(0,n.default)(\\\\"ImportAttribute\\\\"...arguments)},t.decorator=function(e){return(0,n.default)(\\\\"Decorator\\\\"...arguments)},t.doExpression=function(e,t){return(0,n.default)(\\\\"DoExpression\\\\"...arguments)},t.exportDefaultSpecifier=function(e){return(0,n.default)(\\\\"ExportDefaultSpecifier\\\\"...arguments)},t.privateName=function(e){return(0,n.default)(\\\\"PrivateName\\\\"...arguments)},t.recordExpression=function(e){return(0,n.default)(\\\\"RecordExpression\\\\"...arguments)},t.tupleExpression=function(e){return(0,n.default)(\\\\"TupleExpression\\\\"...arguments)},t.decimalLiteral=function(e){return(0,n.default)(\\\\"DecimalLiteral\\\\"...arguments)},t.staticBlock=function(e){return(0,n.default)(\\\\"StaticBlock\\\\"...arguments)},t.moduleExpression=function(e){return(0,n.default)(\\\\"ModuleExpression\\\\"...arguments)},t.tSParameterProperty=t.tsParameterProperty=function(e){return(0,n.default)(\\\\"TSParameterProperty\\\\"...arguments)},t.tsDeclareFunction=t.tsDeclareFunction=function(e,t,r,i){return(0,n.default)(\\\\"TSDeclareFunction\\\\"...arguments)},t.tsDeclareMethod=t.tsDeclareMethod=function(e,t,r,i,s){return(0,n.default)(\\\\"TSDeclareMethod\\\\"...arguments)},t.tsQualifiedName=t.tsQualifiedName=function(e,t){return(0,n.default)(\\\\"TSQualifiedName\\\\"...arguments)},t.tsCallSignatureDeclaration=t.tsCallSignatureDeclaration=function(e,t,r){return(0,n.default)(\\\\"TSCallSignatureDeclaration\\\\"...arguments)},t.tsConstructSignatureDeclaration=t.tsConstructSignatureDeclaration=function(e,t,r){return(0,n.default)(\\\\"TSConstructSignatureDeclaration\\\\"...arguments)},t.tsPropertySignature=t.tsPropertySignature=function(e,t,r){return(0,n.default)(\\\\"

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TSPropertySignature\\",...arguments)},t.tsMethodSignature=t.tsMethodSignature=function(e,t,r,i){return(0,n.default)
t)(\\\"TSMMethodSignature\\\",...arguments)},t.tsIndexSignature=t.tsIndexSignature=function(e,t){return(0,n.default)(
\\\"TSIndexSignature\\\",...arguments)},t.tsAnyKeyword=t.tsAnyKeyword=function(){return(0,n.default)(\\\"TSAny
Keyword\\\",...arguments)},t.tsBooleanKeyword=t.tsBooleanKeyword=function(){return(0,n.default)(\\\"TSBoole
anKeyword\\\",...arguments)},t.tsBigIntKeyword=t.tsBigIntKeyword=function(){return(0,n.default)(\\\"TSBigIntKe
yword\\\",...arguments)},t.tsIntrinsicKeyword=t.tsIntrinsicKeyword=function(){return(0,n.default)(\\\"TSIntrinsicK
eyword\\\",...arguments)},t.tsNeverKeyword=t.tsNeverKeyword=function(){return(0,n.default)(\\\"TSNeverKeywor
d\\\",...arguments)},t.tsNullKeyword=t.tsNullKeyword=function(){return(0,n.default)(\\\"TSNullKeyword\\\",...argu
ments)},t.tsNumberKeyword=t.tsNumberKeyword=function(){return(0,n.default)(\\\"TSNumberKeyword\\\",...argu
ments)},t.tsObjectKeyword=t.tsObjectKeyword=function(){return(0,n.default)(\\\"TSObjectKeyword\\\",...argumen
ts)},t.tsStringKeyword=t.tsStringKeyword=function(){return(0,n.default)(\\\"TSStringKeyword\\\",...arguments)},t.t
SSymbolKeyword=t.tsSymbolKeyword=function(){return(0,n.default)(\\\"TSSymbolKeyword\\\",...arguments)},t.ts
UndefinedKeyword=t.tsUndefinedKeyword=function(){return(0,n.default)(\\\"TSUndefinedKeyword\\\",...argument
s)},t.tsUnknownKeyword=t.tsUnknownKeyword=function(){return(0,n.default)(\\\"TSUnknownKeyword\\\",...argu
ments)},t.tsVoidKeyword=t.tsVoidKeyword=function(){return(0,n.default)(\\\"TSVoidKeyword\\\",...arguments)},t
.tsThisType=t.tsThisType=function(){return(0,n.default)(\\\"TSThisType\\\",...arguments)},t.tsFunctionType=t.tsFu
nctionType=function(e,t,r){return(0,n.default)(\\\"TSFunctionType\\\",...arguments)},t.tsConstructorType=t.tsConst
ructorType=function(e,t,r){return(0,n.default)(\\\"TSConstructorType\\\",...arguments)},t.tsTypeReference=t.tsType
Reference=function(e,t){return(0,n.default)(\\\"TSTypeReference\\\",...arguments)},t.tsTypePredicate=t.tsTypePredi
cate=function(e,t,r){return(0,n.default)(\\\"TSTypePredicate\\\",...arguments)},t.tsTypeQuery=t.tsTypeQuery=functi
on(e){return(0,n.default)(\\\"TSTypeQuery\\\",...arguments)},t.tsTypeLiteral=t.tsTypeLiteral=function(e){return(0,n
.default)(\\\"TSTypeLiteral\\\",...arguments)},t.tsArrayType=t.tsArrayType=function(e){return(0,n.default)(\\\"TSA
rrayType\\\",...arguments)},t.tsTupleType=t.tsTupleType=function(e){return(0,n.default)(\\\"TSTupleType\\\",...arg
uments)},t.tsOptionalType=t.tsOptionalType=function(e){return(0,n.default)(\\\"TSOptionalType\\\",...arguments)},
t.tsRestType=t.tsRestType=function(e){return(0,n.default)(\\\"TSRestType\\\",...arguments)},t.tsNamedTupleMem
ber=t.tsNamedTupleMember=function(e,t,r){return(0,n.default)(\\\"TSNamedTupleMember\\\",...arguments)},t.tsU
nionType=t.tsUnionType=function(e){return(0,n.default)(\\\"TSUnionType\\\",...arguments)},t.tsIntersectionType=t
.tsIntersectionType=function(e){return(0,n.default)(\\\"TSIntersectionType\\\",...arguments)},t.tsConditionalType=t
.tsConditionalType=function(e,t,r,i){return(0,n.default)(\\\"TSConditionalType\\\",...arguments)},t.tsInferType=t.tsI
nferType=function(e){return(0,n.default)(\\\"TSInferType\\\",...arguments)},t.tsParenthesizedType=t.tsParenthesize
dType=function(e){return(0,n.default)(\\\"TSParenthesizedType\\\",...arguments)},t.tsTypeOperator=t.tsTypeOperat
or=function(e){return(0,n.default)(\\\"TSTypeOperator\\\",...arguments)},t.tsIndexedAccessType=t.tsIndexedAccess
Type=function(e,t){return(0,n.default)(\\\"TSIndexedAccessType\\\",...arguments)},t.tsMappedType=t.tsMappedTy
pe=function(e,t,r){return(0,n.default)(\\\"TSMappedType\\\",...arguments)},t.tsLiteralType=t.tsLiteralType=functio
n(e){return(0,n.default)(\\\"TSLiteralType\\\",...arguments)},t.tsExpressionWithTypeArguments=t.tsExpressionWit
hTypeArguments=function(e,t){return(0,n.default)(\\\"TSExpressionWithTypeArguments\\\",...arguments)},t.tsInter
faceDeclaration=t.tsInterfaceDeclaration=function(e,t,r,i){return(0,n.default)(\\\"TSInterfaceDeclaration\\\",...argum
ents)},t.tsInterfaceBody=t.tsInterfaceBody=function(e){return(0,n.default)(\\\"TSInterfaceBody\\\",...arguments)},t.t
STypeAliasDeclaration=t.tsTypeAliasDeclaration=function(e,t,r){return(0,n.default)(\\\"TSTypeAliasDeclaration\\\"
,...arguments)},t.tsAsExpression=t.tsAsExpression=function(e,t){return(0,n.default)(\\\"TSAsExpression\\\",...argu
ments)},t.tsTypeAssertion=t.tsTypeAssertion=function(e,t){return(0,n.default)(\\\"TSTypeAssertion\\\",...arguments
)},t.tsEnumDeclaration=t.tsEnumDeclaration=function(e,t){return(0,n.default)(\\\"TSEnumDeclaration\\\",...argume
nts)},t.tsEnumMember=t.tsEnumMember=function(e,t){return(0,n.default)(\\\"TSEnumMember\\\",...arguments)},t.
tsModuleDeclaration=t.tsModuleDeclaration=function(e,t){return(0,n.default)(\\\"TSModuleDeclaration\\\",...argu
ments)},t.tsModuleBlock=t.tsModuleBlock=function(e){return(0,n.default)(\\\"TSModuleBlock\\\",...arguments)},t.
tsImportType=t.tsImportType=function(e,t,r){return(0,n.default)(\\\"TSImportType\\\",...arguments)},t.tsImportEqu
alsDeclaration=t.tsImportEqualsDeclaration=function(e,t){return(0,n.default)(\\\"TSImportEqualsDeclaration\\\",...a
rguments)},t.tsExternalModuleReference=t.tsExternalModuleReference=function(e){return(0,n.default)(\\\"TSExter

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nalModuleReference\\",...arguments)},t.tsNonNullExpression=t.tsNonNullExpression=function(e){return(0,n.default)
(\\\"TSNonNullExpression\\\",...arguments)},t.tsExportAssignment=t.tsExportAssignment=function(e){return(0,n
.default)(\\\"TSExportAssignment\\\",...arguments)},t.tsNamespaceExportDeclaration=t.tsNamespaceExportDeclara
tion=function(e){return(0,n.default)(\\\"TSNamespaceExportDeclaration\\\",...arguments)},t.tsTypeAnnotation=t.ts
TypeAnnotation=function(e){return(0,n.default)(\\\"TSTypeAnnotation\\\",...arguments)},t.tsTypeParameterInstanti
ation=t.tsTypeParameterInstantiation=function(e){return(0,n.default)(\\\"TSTypeParameterInstantiation\\\",...argume
nts)},t.tsTypeParameterDeclaration=t.tsTypeParameterDeclaration=function(e){return(0,n.default)(\\\"TSTypePara
meterDeclaration\\\",...arguments)},t.tsTypeParameter=t.tsTypeParameter=function(e,t,r){return(0,n.default)(\\\"TS
TypeParameter\\\",...arguments)},t.numberLiteral=function(...e){return console.trace(\\\"The node type
NumberLiteral has been renamed to
NumericLiteral\\\"),(0,n.default)(\\\"NumberLiteral\\\",...e)},t.regexLiteral=function(...e){return
console.trace(\\\"The node type RegexLiteral has been renamed to
RegExpLiteral\\\"),(0,n.default)(\\\"RegexLiteral\\\",...e)},t.restProperty=function(...e){return console.trace(\\\"The
node type RestProperty has been renamed to
RestElement\\\"),(0,n.default)(\\\"RestProperty\\\",...e)},t.spreadProperty=function(...e){return console.trace(\\\"The
node type SpreadProperty has been renamed to SpreadElement\\\"),(0,n.default)(\\\"SpreadProperty\\\",...e)};var
n=r(268),function(e,t,r){\\\"use
strict\\\";Object.defineProperty(t,\\\"__esModule\\\",{value:!0}),t.ArrayExpression=t.arrayExpression=function(...e)
{return(0,i.default)(\\\"ArrayExpression\\\",...e)},t.AssignmentExpression=t.assignmentExpression=function(...e){ret
urn(0,i.default)(\\\"AssignmentExpression\\\",...e)},t.BinaryExpression=t.binaryExpression=function(...e){return(0,i
.default)(\\\"BinaryExpression\\\",...e)},t.InterpreterDirective=t.interpreterDirective=function(...e){return(0,i.default)
(\\\"InterpreterDirective\\\",...e)},t.Directive=t.directive=function(...e){return(0,i.default)(\\\"Directive\\\",...e)},t.Dire
ctiveLiteral=t.directiveLiteral=function(...e){return(0,i.default)(\\\"DirectiveLiteral\\\",...e)},t.BlockStatement=t bloc
kStatement=function(...e){return(0,i.default)(\\\"BlockStatement\\\",...e)},t.BreakStatement=t.breakStatement=functi
on(...e){return(0,i.default)(\\\"BreakStatement\\\",...e)},t.CallExpression=t.callExpression=function(...e){return(0,i.d
efault)(\\\"CallExpression\\\",...e)},t.CatchClause=t.catchClause=function(...e){return(0,i.default)(\\\"CatchClause\\\"
,...e)},t.ConditionalExpression=t.conditionalExpression=function(...e){return(0,i.default)(\\\"ConditionalExpression\\
\\\",...e)},t.ContinueStatement=t.continueStatement=function(...e){return(0,i.default)(\\\"ContinueStatement\\\",...e)},
t.DebuggerStatement=t.debuggerStatement=function(...e){return(0,i.default)(\\\"DebuggerStatement\\\",...e)},t.DoW
hileStatement=t.doWhileStatement=function(...e){return(0,i.default)(\\\"DoWhileStatement\\\",...e)},t.EmptyStateme
nt=t.emptyStatement=function(...e){return(0,i.default)(\\\"EmptyStatement\\\",...e)},t.ExpressionStatement=t.express
ionStatement=function(...e){return(0,i.default)(\\\"ExpressionStatement\\\",...e)},t.File=t.file=function(...e){return(0,
i.default)(\\\"File\\\",...e)},t.ForInStatement=t.forInStatement=function(...e){return(0,i.default)(\\\"ForInStatement\\\"
,...e)},t.ForStatement=t.forStatement=function(...e){return(0,i.default)(\\\"ForStatement\\\",...e)},t.FunctionDeclarati
on=t.functionDeclaration=function(...e){return(0,i.default)(\\\"FunctionDeclaration\\\",...e)},t.FunctionExpression=t.
functionExpression=function(...e){return(0,i.default)(\\\"FunctionExpression\\\",...e)},t.Identifier=t.identifier=functi
on(...e){return(0,i.default)(\\\"Identifier\\\",...e)},t.IfStatement=t.ifStatement=function(...e){return(0,i.default)(\\\"IfS
tatement\\\",...e)},t.LabeledStatement=t.labeledStatement=function(...e){return(0,i.default)(\\\"LabeledStatement\\\",
...e)},t.StringLiteral=t.stringLiteral=function(...e){return(0,i.default)(\\\"StringLiteral\\\",...e)},t.NumericLiteral=t.nu
mericLiteral=function(...e){return(0,i.default)(\\\"NumericLiteral\\\",...e)},t.NullLiteral=t.nullLiteral=function(...e){r
eturn(0,i.default)(\\\"NullLiteral\\\",...e)},t.BooleanLiteral=t.booleanLiteral=function(...e){return(0,i.default)(\\\"Boo
leanLiteral\\\",...e)},t.RegExpLiteral=t.regExpLiteral=function(...e){return(0,i.default)(\\\"RegExpLiteral\\\",...e)},t.
LogicalExpression=t.logicalExpression=function(...e){return(0,i.default)(\\\"LogicalExpression\\\",...e)},t.MemberE
xpression=t.memberExpression=function(...e){return(0,i.default)(\\\"MemberExpression\\\",...e)},t.NewExpression=
t.newExpression=function(...e){return(0,i.default)(\\\"NewExpression\\\",...e)},t.Program=t.program=function(...e){r
eturn(0,i.default)(\\\"Program\\\",...e)},t.ObjectExpression=t.objectExpression=function(...e){return(0,i.default)(\\\"
ObjectExpression\\\",...e)},t.ObjectMethod=t.objectMethod=function(...e){return(0,i.default)(\\\"ObjectMethod\\\",...
e)},t.ObjectProperty=t.objectProperty=function(...e){return(0,i.default)(\\\"ObjectProperty\\\",...e)},t.RestElement=t.

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restElement=function(...e){return(0,i.default)(\\"RestElement\\",...e)},t.ReturnStatement=t.returnStatement=function(...e){return(0,i.default)(\\"ReturnStatement\\",...e)},t.SequenceExpression=t.sequenceExpression=function(...e){return(0,i.default)(\\"SequenceExpression\\",...e)},t.ParenthesizedExpression=t.parenthesizedExpression=function(...e){return(0,i.default)(\\"ParenthesizedExpression\\",...e)},t.SwitchCase=t.switchCase=function(...e){return(0,i.default)(\\"SwitchCase\\",...e)},t.SwitchStatement=t.switchStatement=function(...e){return(0,i.default)(\\"SwitchStatement\\",...e)},t.ThisExpression=t.thisExpression=function(...e){return(0,i.default)(\\"ThisExpression\\",...e)},t.ThrowStatement=t.throwStatement=function(...e){return(0,i.default)(\\"ThrowStatement\\",...e)},t.TryStatement=t.tryStatement=function(...e){return(0,i.default)(\\"TryStatement\\",...e)},t.UnaryExpression=t.unaryExpression=function(...e){return(0,i.default)(\\"UnaryExpression\\",...e)},t.UpdateExpression=t.updateExpression=function(...e){return(0,i.default)(\\"UpdateExpression\\",...e)},t.VariableDeclaration=t.variableDeclaration=function(...e){return(0,i.default)(\\"VariableDeclaration\\",...e)},t.VariableDeclarator=t.variableDeclarator=function(...e){return(0,i.default)(\\"VariableDeclarator\\",...e)},t.WhileStatement=t.whileStatement=function(...e){return(0,i.default)(\\"WhileStatement\\",...e)},t.WithStatement=t.withStatement=function(...e){return(0,i.default)(\\"WithStatement\\",...e)},t.AssignmentPattern=t.assignmentPattern=function(...e){return(0,i.default)(\\"AssignmentPattern\\",...e)},t.ArrayPattern=t.arrayPattern=function(...e){return(0,i.default)(\\"ArrayPattern\\",...e)},t.ArrowFunctionExpression=t.arrowFunctionExpression=function(...e){return(0,i.default)(\\"ArrowFunctionExpression\\",...e)},t.ClassBody=t.classBody=function(...e){return(0,i.default)(\\"ClassBody\\",...e)},t.ClassExpression=t.classExpression=function(...e){return(0,i.default)(\\"ClassExpression\\",...e)},t.ClassDeclaration=t.classDeclaration=function(...e){return(0,i.default)(\\"ClassDeclaration\\",...e)},t.ExportAllDeclaration=t.exportAllDeclaration=function(...e){return(0,i.default)(\\"ExportAllDeclaration\\",...e)},t.ExportDefaultDeclaration=t.exportDefaultDeclaration=function(...e){return(0,i.default)(\\"ExportDefaultDeclaration\\",...e)},t.ExportNamedDeclaration=t.exportNamedDeclaration=function(...e){return(0,i.default)(\\"ExportNamedDeclaration\\",...e)},t.ExportSpecifier=t.exportSpecifier=function(...e){return(0,i.default)(\\"ExportSpecifier\\",...e)},t.ForOfStatement=t.forOfStatement=function(...e){return(0,i.default)(\\"ForOfStatement\\",...e)},t.ImportDeclaration=t.importDeclaration=function(...e){return(0,i.default)(\\"ImportDeclaration\\",...e)},t.ImportDefaultSpecifier=t.importDefaultSpecifier=function(...e){return(0,i.default)(\\"ImportDefaultSpecifier\\",...e)},t.ImportNamespaceSpecifier=t.importNamespaceSpecifier=function(...e){return(0,i.default)(\\"ImportNamespaceSpecifier\\",...e)},t.ImportSpecifier=t.importSpecifier=function(...e){return(0,i.default)(\\"ImportSpecifier\\",...e)},t.MetaProperty=t.metaProperty=function(...e){return(0,i.default)(\\"MetaProperty\\",...e)},t.ClassMethod=t.classMethod=function(...e){return(0,i.default)(\\"ClassMethod\\",...e)},t.ObjectPattern=t.objectPattern=function(...e){return(0,i.default)(\\"ObjectPattern\\",...e)},t.SpreadElement=t.spreadElement=function(...e){return(0,i.default)(\\"SpreadElement\\",...e)},t.super=t.super=function(...e){return(0,i.default)(\\"Super\\",...e)},t.TaggedTemplateExpression=t.taggedTemplateExpression=function(...e){return(0,i.default)(\\"TaggedTemplateExpression\\",...e)},t.TemplateElement=t.templateElement=function(...e){return(0,i.default)(\\"TemplateElement\\",...e)},t.TemplateLiteral=t.templateLiteral=function(...e){return(0,i.default)(\\"TemplateLiteral\\",...e)},t.YieldExpression=t.yieldExpression=function(...e){return(0,i.default)(\\"YieldExpression\\",...e)},t.AwaitExpression=t.awaitExpression=function(...e){return(0,i.default)(\\"AwaitExpression\\",...e)},t.import=t.Import=function(...e){return(0,i.default)(\\"Import\\",...e)},t.BigIntLiteral=t.bigIntLiteral=function(...e){return(0,i.default)(\\"BigIntLiteral\\",...e)},t.ExportNamespaceSpecifier=t.exportNamespaceSpecifier=function(...e){return(0,i.default)(\\"ExportNamespaceSpecifier\\",...e)},t.OptionalMemberExpression=t.optionalMemberExpression=function(...e){return(0,i.default)(\\"OptionalMemberExpression\\",...e)},t.OptionalCallExpression=t.optionalCallExpression=function(...e){return(0,i.default)(\\"OptionalCallExpression\\",...e)},t.AnyTypeAnnotation=t.anyTypeAnnotation=function(...e){return(0,i.default)(\\"AnyTypeAnnotation\\",...e)},t.ArrayTypeAnnotation=t.arrayTypeAnnotation=function(...e){return(0,i.default)(\\"ArrayTypeAnnotation\\",...e)},t.BooleanTypeAnnotation=t.booleanTypeAnnotation=function(...e){return(0,i.default)(\\"BooleanTypeAnnotation\\",...e)},t.BooleanLiteralTypeAnnotation=t.booleanLiteralTypeAnnotation=function(...e){return(0,i.default)(\\"BooleanLiteralTypeAnnotation\\",...e)},t.NullLiteralTypeAnnotation=t.nullLiteralTypeAnnotation=function(...e){return(0,i.default)(\\"NullLiteralTypeAnnotation\\",...e)},t.ClassImplements=t.classImplements=function(...e){return(0,i.default)(\\"ClassImplements\\",...e)},t.DeclareClass=t.declareClass=function(...e){return(0,i.default)(\\"DeclareClass\\",...e)},t.DeclareFunction=t.declareFunction=function(...e){return(0,i.default)(\\"DeclareFunction\\",...e)},t.Declare

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Interface=t.declareInterface=function(...e){return(0,i.default)(\\"DeclareInterface\\",...e)},t.DeclareModule=t.declareModule=function(...e){return(0,i.default)(\\"DeclareModule\\",...e)},t.DeclareModuleExports=t.declareModuleExports=function(...e){return(0,i.default)(\\"DeclareModuleExports\\",...e)},t.DeclareTypeAlias=t.declareTypeAlias=function(...e){return(0,i.default)(\\"DeclareTypeAlias\\",...e)},t.DeclareOpaqueType=t.declareOpaqueType=function(...e){return(0,i.default)(\\"DeclareOpaqueType\\",...e)},t.DeclareVariable=t.declareVariable=function(...e){return(0,i.default)(\\"DeclareVariable\\",...e)},t.DeclareExportDeclaration=t.declareExportDeclaration=function(...e){return(0,i.default)(\\"DeclareExportDeclaration\\",...e)},t.DeclareExportAllDeclaration=t.declareExportAllDeclaration=function(...e){return(0,i.default)(\\"DeclareExportAllDeclaration\\",...e)},t.DeclaredPredicate=t.declaredPredicate=function(...e){return(0,i.default)(\\"DeclaredPredicate\\",...e)},t.ExistsTypeAnnotation=t.existsTypeAnnotation=function(...e){return(0,i.default)(\\"ExistsTypeAnnotation\\",...e)},t.FunctionTypeAnnotation=t.functionTypeAnnotation=function(...e){return(0,i.default)(\\"FunctionTypeAnnotation\\",...e)},t.FunctionTypeParam=t.functionTypeParam=function(...e){return(0,i.default)(\\"FunctionTypeParam\\",...e)},t.GenericTypeAnnotation=t.genericTypeAnnotation=function(...e){return(0,i.default)(\\"GenericTypeAnnotation\\",...e)},t.InferredPredicate=t.inferredPredicate=function(...e){return(0,i.default)(\\"InferredPredicate\\",...e)},t.InterfaceExtends=t.interfaceExtends=function(...e){return(0,i.default)(\\"InterfaceExtends\\",...e)},t.InterfaceDeclaration=t.interfaceDeclaration=function(...e){return(0,i.default)(\\"InterfaceDeclaration\\",...e)},t.InterfaceTypeAnnotation=t.interfaceTypeAnnotation=function(...e){return(0,i.default)(\\"InterfaceTypeAnnotation\\",...e)},t.IntersectionTypeAnnotation=t.intersectionTypeAnnotation=function(...e){return(0,i.default)(\\"IntersectionTypeAnnotation\\",...e)},t.MixedTypeAnnotation=t.mixedTypeAnnotation=function(...e){return(0,i.default)(\\"MixedTypeAnnotation\\",...e)},t.EmptyTypeAnnotation=t.emptyTypeAnnotation=function(...e){return(0,i.default)(\\"EmptyTypeAnnotation\\",...e)},t.NullableTypeAnnotation=t.nullableTypeAnnotation=function(...e){return(0,i.default)(\\"NullableTypeAnnotation\\",...e)},t.NumberLiteralTypeAnnotation=t.numberLiteralTypeAnnotation=function(...e){return(0,i.default)(\\"NumberLiteralTypeAnnotation\\",...e)},t.NumberTypeAnnotation=t.numberTypeAnnotation=function(...e){return(0,i.default)(\\"NumberTypeAnnotation\\",...e)},t.ObjectTypeAnnotation=t.objectTypeAnnotation=function(...e){return(0,i.default)(\\"ObjectTypeAnnotation\\",...e)},t.ObjectTypeInternalSlot=t.objectTypeInternalSlot=function(...e){return(0,i.default)(\\"ObjectTypeInternalSlot\\",...e)},t.ObjectTypeCallProperty=t.objectTypeCallProperty=function(...e){return(0,i.default)(\\"ObjectTypeCallProperty\\",...e)},t.ObjectTypeIndexer=t.objectTypeIndexer=function(...e){return(0,i.default)(\\"ObjectTypeIndexer\\",...e)},t.ObjectTypeProperty=t.objectTypeProperty=function(...e){return(0,i.default)(\\"ObjectTypeProperty\\",...e)},t.ObjectTypeSpreadProperty=t.objectTypeSpreadProperty=function(...e){return(0,i.default)(\\"ObjectTypeSpreadProperty\\",...e)},t.OpaqueType=t.opaqueType=function(...e){return(0,i.default)(\\"OpaqueType\\",...e)},t.QualifiedTypeIdentifier=t.qualifiedTypeIdentifier=function(...e){return(0,i.default)(\\"QualifiedTypeIdentifier\\",...e)},t.StringLiteralTypeAnnotation=t.stringLiteralTypeAnnotation=function(...e){return(0,i.default)(\\"StringLiteralTypeAnnotation\\",...e)},t.StringTypeAnnotation=t.stringTypeAnnotation=function(...e){return(0,i.default)(\\"StringTypeAnnotation\\",...e)},t.SymbolTypeAnnotation=t.symbolTypeAnnotation=function(...e){return(0,i.default)(\\"SymbolTypeAnnotation\\",...e)},t.ThisTypeAnnotation=t.thisTypeAnnotation=function(...e){return(0,i.default)(\\"ThisTypeAnnotation\\",...e)},t.TupleTypeAnnotation=t.tupleTypeAnnotation=function(...e){return(0,i.default)(\\"TupleTypeAnnotation\\",...e)},t.TypeOfTypeAnnotation=t.typeofTypeAnnotation=function(...e){return(0,i.default)(\\"TypeofTypeAnnotation\\",...e)},t.TypeAlias=t.typeAlias=function(...e){return(0,i.default)(\\"TypeAlias\\",...e)},t.TypeAnnotation=t.typeAnnotation=function(...e){return(0,i.default)(\\"TypeAnnotation\\",...e)},t.TypeCastExpression=t.typeCastExpression=function(...e){return(0,i.default)(\\"TypeCastExpression\\",...e)},t.TypeParameter=t.typeParameter=function(...e){return(0,i.default)(\\"TypeParameter\\",...e)},t.TypeParameterDeclaration=t.typeParameterDeclaration=function(...e){return(0,i.default)(\\"TypeParameterDeclaration\\",...e)},t.TypeParameterInstantiation=t.typeParameterInstantiation=function(...e){return(0,i.default)(\\"TypeParameterInstantiation\\",...e)},t.UnionTypeAnnotation=t.unionTypeAnnotation=function(...e){return(0,i.default)(\\"UnionTypeAnnotation\\",...e)},t.Variance=t.variance=function(...e){return(0,i.default)(\\"Variance\\",...e)},t.VoidTypeAnnotation=t.voidTypeAnnotation=function(...e){return(0,i.default)(\\"VoidTypeAnnotation\\",...e)},t.EnumDeclaration=t.enumDeclaration=function(...e){return(0,i.default)(\\"EnumDeclaration\\",...e)},t.EnumBooleanBody=t.enumBooleanBody=function(...e){return(0,i.default)(\\"EnumBooleanBody\\",...e)},t.EnumNumberBody=t.enumNumberBody=function(...e){return(0,i.default)
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(\\\\"EnumNumberBody\\\\",...e)},t.EnumStringBody=t.enumStringBody=function(...e){return(0,i.default)(\\\\"EnumStringBody\\\\",...e)},t.EnumSymbolBody=t.enumSymbolBody=function(...e){return(0,i.default)(\\\\"EnumSymbolBody\\\\",...e)},t.EnumBooleanMember=t.enumBooleanMember=function(...e){return(0,i.default)(\\\\"EnumBooleanMember\\\\",...e)},t.EnumNumberMember=t.enumNumberMember=function(...e){return(0,i.default)(\\\\"EnumNumberMember\\\\",...e)},t.EnumStringMember=t.enumStringMember=function(...e){return(0,i.default)(\\\\"EnumStringMember\\\\",...e)},t.EnumDefaultedMember=t.enumDefaultedMember=function(...e){return(0,i.default)(\\\\"EnumDefaultedMember\\\\",...e)},t.jSXAttribute=t.JSXAttribute=t.jsxAttribute=function(...e){return(0,i.default)(\\\\"JSXAttribute\\\\",...e)},t.jSXClosingElement=t.JSXClosingElement=t.jsxClosingElement=function(...e){return(0,i.default)(\\\\"JSXClosingElement\\\\",...e)},t.jSXElement=t.JSXElement=t.jsxElement=function(...e){return(0,i.default)(\\\\"JSXElement\\\\",...e)},t.jSXEmptyExpression=t.JSXEmptyExpression=t.jsxEmptyExpression=function(...e){return(0,i.default)(\\\\"JSXEmptyExpression\\\\",...e)},t.jSXExpressionContainer=t.JSXExpressionContainer=t.jsxExpressionContainer=function(...e){return(0,i.default)(\\\\"JSXExpressionContainer\\\\",...e)},t.jSXSpreadChild=t.JSXSpreadChild=t.jsxSpreadChild=function(...e){return(0,i.default)(\\\\"JSXSpreadChild\\\\",...e)},t.jSXIdentifier=t.JSXIdentifier=t.jsxIdentifier=function(...e){return(0,i.default)(\\\\"JSXIdentifier\\\\",...e)},t.jSXMemberExpression=t.JSXMemberExpression=t.jsxMemberExpression=function(...e){return(0,i.default)(\\\\"JSXMemberExpression\\\\",...e)},t.jSXNamespacedName=t.JSXNamespacedName=t.jsxNamespacedName=function(...e){return(0,i.default)(\\\\"JSXNamespacedName\\\\",...e)},t.jSXOpeningElement=t.JSXOpeningElement=t.jsxOpeningElement=function(...e){return(0,i.default)(\\\\"JSXOpeningElement\\\\",...e)},t.jSXSpreadAttribute=t.JSXSpreadAttribute=t.jsxSpreadAttribute=function(...e){return(0,i.default)(\\\\"JSXSpreadAttribute\\\\",...e)},t.jSXText=t.JSXText=t.jsxText=function(...e){return(0,i.default)(\\\\"JSXText\\\\",...e)},t.jSXFragment=t.JSXFragment=t.jsxFragment=function(...e){return(0,i.default)(\\\\"JSXFragment\\\\",...e)},t.jSXOpeningFragment=t.JSXOpeningFragment=t.jsxOpeningFragment=function(...e){return(0,i.default)(\\\\"JSXOpeningFragment\\\\",...e)},t.jSXClosingFragment=t.JSXClosingFragment=t.jsxClosingFragment=function(...e){return(0,i.default)(\\\\"JSXClosingFragment\\\\",...e)},t.Noop=t.noop=function(...e){return(0,i.default)(\\\\"Noop\\\\",...e)},t.Placeholder=t.placeholder=function(...e){return(0,i.default)(\\\\"Placeholder\\\\",...e)},t.V8IntrinsicIdentifier=t.v8IntrinsicIdentifier=function(...e){return(0,i.default)(\\\\"V8IntrinsicIdentifier\\\\",...e)},t.ArgumentPlaceholder=t.argumentPlaceholder=function(...e){return(0,i.default)(\\\\"ArgumentPlaceholder\\\\",...e)},t.BindExpression=t.bindExpression=function(...e){return(0,i.default)(\\\\"BindExpression\\\\",...e)},t.ClassProperty=t.classProperty=function(...e){return(0,i.default)(\\\\"ClassProperty\\\\",...e)},t.PipelineTopicExpression=t.pipelineTopicExpression=function(...e){return(0,i.default)(\\\\"PipelineTopicExpression\\\\",...e)},t.PipelineBareFunction=t.pipelineBareFunction=function(...e){return(0,i.default)(\\\\"PipelineBareFunction\\\\",...e)},t.PipelinePrimaryTopicReference=t.pipelinePrimaryTopicReference=function(...e){return(0,i.default)(\\\\"PipelinePrimaryTopicReference\\\\",...e)},t.ClassPrivateProperty=t.classPrivateProperty=function(...e){return(0,i.default)(\\\\"ClassPrivateProperty\\\\",...e)},t.ClassPrivateMethod=t.classPrivateMethod=function(...e){return(0,i.default)(\\\\"ClassPrivateMethod\\\\",...e)},t.ImportAttribute=t.importAttribute=function(...e){return(0,i.default)(\\\\"ImportAttribute\\\\",...e)},t.Decorator=t.decorator=function(...e){return(0,i.default)(\\\\"Decorator\\\\",...e)},t.DoExpression=t.doExpression=function(...e){return(0,i.default)(\\\\"DoExpression\\\\",...e)},t.ExportDefaultSpecifier=t.exportDefaultSpecifier=function(...e){return(0,i.default)(\\\\"ExportDefaultSpecifier\\\\",...e)},t.PrivateName=t.privateName=function(...e){return(0,i.default)(\\\\"PrivateName\\\\",...e)},t.RecordExpression=t.recordExpression=function(...e){return(0,i.default)(\\\\"RecordExpression\\\\",...e)},t.TupleExpression=t.tupleExpression=function(...e){return(0,i.default)(\\\\"TupleExpression\\\\",...e)},t.DecimalLiteral=t.decimalLiteral=function(...e){return(0,i.default)(\\\\"DecimalLiteral\\\\",...e)},t.StaticBlock=t.staticBlock=function(...e){return(0,i.default)(\\\\"StaticBlock\\\\",...e)},t.TSParameterProperty=t.tsParameterProperty=t.tsParameterProperty=function(...e){return(0,i.default)(\\\\"TSParameterProperty\\\\",...e)},t.TSDeclareFunction=t.tsDeclareFunction=t.tsDeclareFunction=function(...e){return(0,i.default)(\\\\"TSDeclareFunction\\\\",...e)},t.TSDeclareMethod=t.tsDeclareMethod=t.tsDeclareMethod=function(...e){return(0,i.default)(\\\\"TSDeclareMethod\\\\",...e)},t.TSQualifiedName=t.tsQualifiedName=t.tsQualifiedName=function(...e){return(0,i.default)(\\\\"TSQualifiedName\\\\",...e)},t.TSCallSignatureDeclaration=t.tsCallSignatureDeclaration=t.tsCallSignatureDeclaration=function(...e){return(0,i.default)(\\\\"TSCallSignatureDeclaration\\\\",...e)},t.TSConstructSignatureDeclaration=t.tsConstructSignatureDeclaration=t.tsConstructSignatureDeclaration=function(...e){return(0,i.default)(\\\\"TSConstructSignatureDeclaration\\\\",...e)},t.TSPropertySignature=t.tsPropertySignature=t.tsPropertySignature


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signature=function(...e){return(0,i.default)(\\"TSPropertySignature\\",...e)},t.tSMethodSignature=t.TSMethodSignature=t.tsMethodSignature=function(...e){return(0,i.default)(\\"TSMethodSignature\\",...e)},t.tSIndexSignature=t.TSIndexSignature=t.tsIndexSignature=function(...e){return(0,i.default)(\\"TSIndexSignature\\",...e)},t.tSAnyKeyword=t.TSAnyKeyword=t.tsAnyKeyword=function(...e){return(0,i.default)(\\"TSAnyKeyword\\",...e)},t.tSBooleanKeyword=t.TSBooleanKeyword=t.tsBooleanKeyword=function(...e){return(0,i.default)(\\"TSBooleanKeyword\\",...e)},t.tSBigIntKeyword=t.TSBigIntKeyword=t.tsBigIntKeyword=function(...e){return(0,i.default)(\\"TSBigIntKeyword\\",...e)},t.tSIntrinsicKeyword=t.TSIntrinsicKeyword=t.tsIntrinsicKeyword=function(...e){return(0,i.default)(\\"TSIntrinsicKeyword\\",...e)},t.tSNeverKeyword=t.TSNeverKeyword=t.tsNeverKeyword=function(...e){return(0,i.default)(\\"TSNeverKeyword\\",...e)},t.tSNullKeyword=t.TSNullKeyword=t.tsNullKeyword=function(...e){return(0,i.default)(\\"TSNullKeyword\\",...e)},t.tSNumberKeyword=t.TSNumberKeyword=t.tsNumberKeyword=function(...e){return(0,i.default)(\\"TSNumberKeyword\\",...e)},t.tSObjectKeyword=t.TSObjectKeyword=t.tsObjectKeyword=function(...e){return(0,i.default)(\\"TSObjectKeyword\\",...e)},t.tSStringKeyword=t.TSStringKeyword=t.tsStringKeyword=function(...e){return(0,i.default)(\\"TSStringKeyword\\",...e)},t.tSSymbolKeyword=t.TSSymbolKeyword=t.tsSymbolKeyword=function(...e){return(0,i.default)(\\"TSSymbolKeyword\\",...e)},t.tSUndefinedKeyword=t.TSUndefinedKeyword=t.tsUndefinedKeyword=function(...e){return(0,i.default)(\\"TSUndefinedKeyword\\",...e)},t.tSUnknownKeyword=t.TSUnknownKeyword=t.tsUnknownKeyword=function(...e){return(0,i.default)(\\"TSUnknownKeyword\\",...e)},t.tSVoidKeyword=t.TSVoidKeyword=t.tsVoidKeyword=function(...e){return(0,i.default)(\\"TSVoidKeyword\\",...e)},t.tSThisType=t.TSThisType=t.tsThisType=function(...e){return(0,i.default)(\\"TSThisType\\",...e)},t.tSFunctionType=t.TSFunctionType=t.tsFunctionType=function(...e){return(0,i.default)(\\"TSFunctionType\\",...e)},t.tSConstructorType=t.TSConstructorType=t.tsConstructorType=function(...e){return(0,i.default)(\\"TSConstructorType\\",...e)},t.tSTypeReference=t.TSTypeReference=t.tsTypeReference=function(...e){return(0,i.default)(\\"TSTypeReference\\",...e)},t.tSTypePredicate=t.TSTypePredicate=t.tsTypePredicate=function(...e){return(0,i.default)(\\"TSTypePredicate\\",...e)},t.tSTypeQuery=t.TSTypeQuery=t.tsTypeQuery=function(...e){return(0,i.default)(\\"TSTypeQuery\\",...e)},t.tSTypeLiteral=t.TSTypeLiteral=t.tsTypeLiteral=function(...e){return(0,i.default)(\\"TSTypeLiteral\\",...e)},t.tSArrayType=t.TSArrayType=t.tsArrayType=function(...e){return(0,i.default)(\\"TSArrayType\\",...e)},t.tSTupleType=t.TSTupleType=t.tsTupleType=function(...e){return(0,i.default)(\\"TSTupleType\\",...e)},t.tSOptionalType=t.TSOptionalType=t.tsOptionalType=function(...e){return(0,i.default)(\\"TSOptionalType\\",...e)},t.tSRestType=t.TSRestType=t.tsRestType=function(...e){return(0,i.default)(\\"TSRestType\\",...e)},t.tSNamedTupleMember=t.TSNamedTupleMember=t.tsNamedTupleMember=function(...e){return(0,i.default)(\\"TSNamedTupleMember\\",...e)},t.tSUnionType=t.TSUnionType=t.tsUnionType=function(...e){return(0,i.default)(\\"TSUnionType\\",...e)},t.tSIntersectionType=t.TSIntersectionType=t.tsIntersectionType=function(...e){return(0,i.default)(\\"TSIntersectionType\\",...e)},t.tSConditionalType=t.TSConditionalType=t.tsConditionalType=function(...e){return(0,i.default)(\\"TSConditionalType\\",...e)},t.tSInferType=t.TSInferType=t.tsInferType=function(...e){return(0,i.default)(\\"TSInferType\\",...e)},t.tSParenthesizedType=t.TSParenthesizedType=t.tsParenthesizedType=function(...e){return(0,i.default)(\\"TSParenthesizedType\\",...e)},t.tSTypeOperator=t.TSTypeOperator=t.tsTypeOperator=function(...e){return(0,i.default)(\\"TSTypeOperator\\",...e)},t.tSIndexedAccessType=t.TSIndexedAccessType=t.tsIndexedAccessType=function(...e){return(0,i.default)(\\"TSIndexedAccessType\\",...e)},t.tSMappedType=t.TSMappedType=t.tsMappedType=function(...e){return(0,i.default)(\\"TSMappedType\\",...e)},t.tSLiteralType=t.TSLiteralType=t.tsLiteralType=function(...e){return(0,i.default)(\\"TSLiteralType\\",...e)},t.tSExpressionWithTypeArguments=t.TSExpressionWithTypeArguments=t.tsExpressionWithTypeArguments=function(...e){return(0,i.default)(\\"TSExpressionWithTypeArguments\\",...e)},t.tSInterfaceDeclaration=t.TSInterfaceDeclaration=t.tsInterfaceDeclaration=function(...e){return(0,i.default)(\\"TSInterfaceDeclaration\\",...e)},t.tSInterfaceBody=t.TSInterfaceBody=t.tsInterfaceBody=function(...e){return(0,i.default)(\\"TSInterfaceBody\\",...e)},t.tSTypeAliasDeclaration=t.TSTypeAliasDeclaration=t.tsTypeAliasDeclaration=function(...e){return(0,i.default)(\\"TSTypeAliasDeclaration\\",...e)},t.tSAsExpression=t.TSAsExpression=t.tsAsExpression=function(...e){return(0,i.default)(\\"TSAsExpression\\",...e)},t.tSTypeAssertion=t.TSTypeAssertion=t.tsTypeAssertion=function(...e){return(0,i.default)(\\"TSTypeAssertion\\",...e)},t.tSEnumDeclaration=t.TSEnumDeclaration=t.tsEnumDeclaration=function(...e){return(0,i.default)(\\"TSEnumDeclaration\\",...e)},t.tSEnumMember=t.TSEnumMember=t.tsEnumMember=function(...e){return(0,i.default)(\\"TSEn
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umMember\\",...e)},t.tSModuleDeclaration=t.TSModuleDeclaration=t.tsModuleDeclaration=function(...e){return(0
,i.default)(\\\\"TSModuleDeclaration\\\\",...e)},t.tSModuleBlock=t.TSModuleBlock=t.tsModuleBlock=function(...e){r
return(0,i.default)(\\\\"TSModuleBlock\\\\",...e)},t.tSImportType=t.SImportType=t.tsImportType=function(...e){retur
n(0,i.default)(\\\\"TSImportType\\\\",...e)},t.tSImportEqualsDeclaration=t.SImportEqualsDeclaration=t.tsImportEqu
alsDeclaration=function(...e){return(0,i.default)(\\\\"TSImportEqualsDeclaration\\\\",...e)},t.tSExternalModuleReferen
ce=t.TSExternalModuleReference=t.tsExternalModuleReference=function(...e){return(0,i.default)(\\\\"TSExternalM
oduleReference\\\\",...e)},t.tSNonNullExpression=t.TSNonNullExpression=t.tsNonNullExpression=function(...e){ret
urn(0,i.default)(\\\\"TSNonNullExpression\\\\",...e)},t.tSExportAssignment=t.TSExportAssignment=t.tsExportAssign
ment=function(...e){return(0,i.default)(\\\\"TSExportAssignment\\\\",...e)},t.tSNamespaceExportDeclaration=t.TSNa
mespaceExportDeclaration=t.tsNamespaceExportDeclaration=function(...e){return(0,i.default)(\\\\"TSNamespaceEx
portDeclaration\\\\",...e)},t.tSTypeAnnotation=t.TSTypeAnnotation=t.tsTypeAnnotation=function(...e){return(0,i.def
ault)(\\\\"TSTypeAnnotation\\\\",...e)},t.tSTypeParameterInstantiation=t.TSTypeParameterInstantiation=t.tsTypePara
meterInstantiation=function(...e){return(0,i.default)(\\\\"TSTypeParameterInstantiation\\\\",...e)},t.tSTypeParameterD
eclaration=t.TSTypeParameterDeclaration=t.tsTypeParameterDeclaration=function(...e){return(0,i.default)(\\\\"TSTy
peParameterDeclaration\\\\",...e)},t.tSTypeParameter=t.TSTypeParameter=t.tsTypeParameter=function(...e){return(0
,i.default)(\\\\"TSTypeParameter\\\\",...e)},t.numberLiteral=t.NumberLiteral=function(...e){return
console.trace(\\\\"The node type NumberLiteral has been renamed to
NumericLiteral\\\\"),(0,i.default)(\\\\"NumberLiteral\\\\",...e)},t.regexLiteral=t.RegexLiteral=function(...e){return
console.trace(\\\\"The node type RegexLiteral has been renamed to
RegExpLiteral\\\\"),(0,i.default)(\\\\"RegexLiteral\\\\",...e)},t.restProperty=t.RestProperty=function(...e){return
console.trace(\\\\"The node type RestProperty has been renamed to
RestElement\\\\"),(0,i.default)(\\\\"RestProperty\\\\",...e)},t.spreadProperty=t.SpreadProperty=function(...e){return
console.trace(\\\\"The node type SpreadProperty has been renamed to
SpreadElement\\\\"),(0,i.default)(\\\\"SpreadProperty\\\\",...e)};var
n,i=(n=r(137))&&n.__esModule?n:{default:n}},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),Object.defineProperty(t,\\\\"VISITOR_KEYS\\\\",{en
umerable:!0,get:function(){return
s.VISITOR_KEYS}}),Object.defineProperty(t,\\\\"ALIAS_KEYS\\\\",{enumerable:!0,get:function(){return
s.ALIAS_KEYS}}),Object.defineProperty(t,\\\\"FLIPPED_ALIAS_KEYS\\\\",{enumerable:!0,get:function(){return
s.FLIPPED_ALIAS_KEYS}}),Object.defineProperty(t,\\\\"NODE_FIELDS\\\\",{enumerable:!0,get:function(){return
s.NODE_FIELDS}}),Object.defineProperty(t,\\\\"BUILDER_KEYS\\\\",{enumerable:!0,get:function(){return
s.BUILDER_KEYS}}),Object.defineProperty(t,\\\\"DEPRECATED_KEYS\\\\",{enumerable:!0,get:function(){return
s.DEPRECATED_KEYS}}),Object.defineProperty(t,\\\\"NODE_PARENT_VALIDATIONS\\\\",{enumerable:!0,get:
function(){return
s.NODE_PARENT_VALIDATIONS}}),Object.defineProperty(t,\\\\"PLACEHOLDERS\\\\",{enumerable:!0,get:func
tion(){return
a.PLACEHOLDERS}}),Object.defineProperty(t,\\\\"PLACEHOLDERS_ALIAS\\\\",{enumerable:!0,get:function(){r
eturn
a.PLACEHOLDERS_ALIAS}}),Object.defineProperty(t,\\\\"PLACEHOLDERS_FLIPPED_ALIAS\\\\",{enumerable
:!0,get:function(){return a.PLACEHOLDERS_FLIPPED_ALIAS}}),t.TYPES=void 0;var
n,i=(n=r(81))&&n.__esModule?n:{default:n};r(50),r(211),r(212),r(213),r(214),r(215);var
s=r(9),a=r(83);(0,i.default)(s.VISITOR_KEYS),(0,i.default)(s.ALIAS_KEYS),(0,i.default)(s.FLIPPED_ALIAS_KE
YS),(0,i.default)(s.NODE_FIELDS),(0,i.default)(s.BUILDER_KEYS),(0,i.default)(s.DEPRECATED_KEYS),(0,i,d
efault)(a.PLACEHOLDERS_ALIAS),(0,i.default)(a.PLACEHOLDERS_FLIPPED_ALIAS);const
o=Object.keys(s.VISITOR_KEYS).concat(Object.keys(s.FLIPPED_ALIAS_KEYS)).concat(Object.keys(s.DEPRE
CATED_KEYS));t.TYPES=o},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),Object.defineProperty(t,\\\\"VISITOR_KEYS\\\\",{en
umerable:!0,get:function(){return

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i.VISITOR_KEYS}},Object.defineProperty(t,\\\\"ALIAS_KEYS\\\\",{enumerable:!0,get:function(){return
i.ALIAS_KEYS}},Object.defineProperty(t,\\\\"FLIPPED_ALIAS_KEYS\\\\",{enumerable:!0,get:function(){return
i.FLIPPED_ALIAS_KEYS}},Object.defineProperty(t,\\\\"NODE_FIELDS\\\\",{enumerable:!0,get:function(){return
i.NODE_FIELDS}},Object.defineProperty(t,\\\\"BUILDER_KEYS\\\\",{enumerable:!0,get:function(){return
i.BUILDER_KEYS}},Object.defineProperty(t,\\\\"DEPRECATED_KEYS\\\\",{enumerable:!0,get:function(){return
i.DEPRECATED_KEYS}},Object.defineProperty(t,\\\\"NODE_PARENT_VALIDATIONS\\\\",{enumerable:!0,get:
function(){return
i.NODE_PARENT_VALIDATIONS}},Object.defineProperty(t,\\\\"PLACEHOLDERS\\\\",{enumerable:!0,get:func
tion(){return
s.PLACEHOLDERS}},Object.defineProperty(t,\\\\"PLACEHOLDERS_ALIAS\\\\",{enumerable:!0,get:function(){r
eturn
s.PLACEHOLDERS_ALIAS}},Object.defineProperty(t,\\\\"PLACEHOLDERS_FLIPPED_ALIAS\\\\",{enumerable
:!0,get:function(){return s.PLACEHOLDERS_FLIPPED_ALIAS}},t.TYPES=void 0;var
n=r(81);r(55),r(269),r(270),r(271),r(272),r(273);var
i=r(10),s=r(105);n(i.VISITOR_KEYS),n(i.ALIAS_KEYS),n(i.FLIPPED_ALIAS_KEYS),n(i.NODE_FIELDS),n(i.
BUILDER_KEYS),n(i.DEPRECATED_KEYS),n(s.PLACEHOLDERS_ALIAS),n(s.PLACEHOLDERS_FLIPPED
_ALIAS);const
a=Object.keys(i.VISITOR_KEYS).concat(Object.keys(i.FLIPPED_ALIAS_KEYS)).concat(Object.keys(i.DEPREC
ATED_KEYS));t.TYPES=a},function(e,t,r){var n=r(68),i=\\\\"object\\\\"===typeof
self&&self&&self.Object===Object&&self,s=n||i||Function(\\\\"return this\\\\"());e.exports=s},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),t.default=t.SHOULD_SKIP=t.SHOULD_STOP=t.R
EMOVED=void 0;var
n=P(r(63)),i=x(r(255)),s=x(r(17)),a=x(r(100)),o=P(r(0)),l=r(38),c=x(r(314)),p=P(r(338)),u=P(r(339)),d=P(r(342)),h
=P(r(354)),f=P(r(355)),m=P(r(364)),y=P(r(365)),T=P(r(366)),b=P(r(368)),g=P(r(370)),S=P(r(371));function
x(e){return e&&e.__esModule?:{default:e}}function E(){if(\\\\"function\\\\"!==typeof WeakMap)return null;var
e=new WeakMap;return E=function(){return e},e}function P(e){if(e&&e.__esModule)return
e;if(null===e||\\\\"object\\\\"!==typeof e&&\\\\"function\\\\"!==typeof e)return{default:e};var t=E();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get|s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}return
r.default=e,t&&t.set(e,r),r}const
v=(0,i.default)(\\\\"babel\\\\");t.REMOVED=1;t.SHOULD_STOP=2;t.SHOULD_SKIP=4;class
A{constructor(e,t){this.contexts=[],this.state=null,this.opts=null,this._traverseFlags=0,this.skipKeys=null,this.parent
Path=null,this.container=null,this.listKey=null,this.key=null,this.node=null,this.type=null,this.parent=t,this.hub=e,th
is.data=null,this.context=null,this.scope=null}static
get({hub:e,parentPath:t,parent:r,container:n,listKey:i,key:s}){if(!e&&t&&(e=t.hub),!r)throw new Error(\\\\"To get a
node path the parent needs to exist\\\\");const a=n[s],o=l.path.get(r)||[];let c;l.path.has(r)||l.path.set(r,o);for(let
e=0;e<o.length;e++){const t=o[e];if(t.node===a){c=t;break}}return c||(c=new
A(e,r,o.push(c)),c.setup(t,n,i,s),c)getScope(e){return this.isScope()?new a.default(this):e}setData(e,t){return
null===this.data&&(this.data=Object.create(null)),this.data[e]=t}getData(e,t){null===this.data&&(this.data=Object.cr
eate(null));let r=this.data[e];return void 0===r&&void
0!==t&&(r=this.data[e]=t),r}buildCodeFrameError(e,t=SyntaxError){return
this.hub.buildError(this.node,e,t)}traverse(e,t){(0,s.default)(this.node,e,this.scope,t,this)}set(e,t){o.validate(this.node
,e,t),this.node[e]=t}getPathLocation(){const e=[];let t=this;do{let
r=t.key;t.inList&&(r=`${t.listKey}[${r}]`,e.unshift(r))while(t=t.parentPath);return
e.join(\\\\".\\\\")}debug(e){v.enabled&&v(`${this.getPathLocation()} ${this.type}:
${e}`)}toString(){return(0,c.default)(this.node).code}get inList(){return!!this.listKey}set
inList(e){e||(this.listKey=null)}get parentKey(){return this.listKey||this.key}get

```

```

shouldSkip(){return!!(4&this._traverseFlags)}set shouldSkip(e){e?this._traverseFlags|=4:this._traverseFlags&=-
5}get shouldStop(){return!!(2&this._traverseFlags)}set
shouldStop(e){e?this._traverseFlags|=2:this._traverseFlags&=-3}get removed(){return!!(1&this._traverseFlags)}set
removed(e){e?this._traverseFlags|=1:this._traverseFlags&=-
2}}t.default=A,Object.assign(A.prototype,p,u,d,h,f,m,y,T,b,g,S);for(const e of o.TYPES){const
t=\\\\"is\\"+e,r=o[t];A.prototype[t]=function(e){return
r(this.node,e)},A.prototype[\\\\"assert\\"+e]=function(t){if(!r(this.node,t))throw new TypeError(\\\\"Expected node
path of type \\\\"+e)}}for(const e of
Object.keys(n)){if(\\\\"_\\\\"===e[0])continue;o.TYPES.indexOf(e)<0&&o.TYPES.push(e);const
t=n[e];A.prototype[\\\\"is\\"+e]=function(e){return t.checkPath(this,e)}}},function(e,t,r){\\\\"use
strict\\";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),t.validate=f,t.typeIs=m,t.validateType=function(e){r
return
f(m(e)),t.validateOptional=function(e){return{validate:e,optional:!0}},t.validateOptionalType=function(e){return{
validate:m(e),optional:!0}},t.arrayOf=y,t.arrayOfType=T,t.validateArrayOfType=function(e){return
f(T(e)),t.assertEach=b,t.assertOneOf=function(...e){function t(t,r,n){if(e.indexOf(n)<0)throw new
TypeError(^Property ${r} expected value to be one of ${JSON.stringify(e)} but got ${JSON.stringify(n)}^)}return
t.oneOf=e,t,t.assertNodeType=g,t.assertNodeOrValueType=function(...e){function t(t,r,n){for(const a of
e)if(h(n)===a||(0,i.default)(a,n))return void(0,s.validateChild)(t,r,n);throw new TypeError(^Property ${r} of
${t.type} expected node to be of a type ${JSON.stringify(e)} but instead got ${JSON.stringify(null===n?void
0:n.type)}^)}return t.oneOfNodeOrValueTypes=e,t,t.assertValueType=S,t.assertShape=function(e){function
t(t,r,n){const i=[];for(const r of Object.keys(e))try{(0,s.validateField)(t,r,n[r],e[r])}catch(e){if(e instanceof
TypeError){i.push(e.message);continue}throw e}if(i.length)throw new TypeError(^Property ${r} of ${t.type}
expected to have the following:\\\\n${i.join(\\\\"\\\\"n\\\\"")}^)}return
t.shapeOf=e,t,t.assertOptionalChainStart=function(){return function(e){var t;let
r=e;for(;e;){const{type:e}=r;if(\\\\"OptionalCallExpression\\"!==e){if(\\\\"OptionalMemberExpression\\"!==e)break
;if(r.optional)return;r=r.object}else{if(r.optional)return;r=r.callee}}throw new TypeError(^Non-optional ${e.type}
must chain from an optional OptionalMemberExpression or OptionalCallExpression. Found chain from
${null==(t=r)?void 0:t.type}^)},t.chain=x,t.default=function(e,t={}){const r=t.inherits&&v[t.inherits]||{};let
n=t.fields;if(!n&&(n={},r.fields)){const e=Object.getOwnPropertyNames(r.fields);for(const t of e){const
e=r.fields[t];n[t]={default:e.default,optional:e.optional,validate:e.validate}}}const
i=t.visitor||r.visitor||[],s=t.aliases||r.aliases||[],f=t.builder||r.builder||t.visitor||[];for(const r of Object.keys(t))if(-
1===E.indexOf(r))throw new Error(^Unknown type option \\\\"${r}\\\\" on
${e}^);t.deprecatedAlias&&(u[t.deprecatedAlias]=e);for(const e of i.concat(f))n[e]=n[e]||{};for(const t of
Object.keys(n)){const r=n[t];void 0!==(r.default&&-1===f.indexOf(t)&&(r.optional=!0),void
0===r.default?r.default=null:r.validate||null===r.default||(r.validate=S(h(r.default)));for(const n of Object.keys(r))if(-
1===P.indexOf(n))throw new Error(^Unknown field key \\\\"${n}\\\\" on
${e}.${t}^)}a[e]=t.visitor=i,p[e]=t.builder=f,c[e]=t.fields=n,o[e]=t.aliases=s,s.forEach(t=>{l[t]=l[t]||[],l[t].push(e)}),
t.validate&&(d[e]=t.validate);v[e]=t},t.NODE_PARENT_VALIDATIONS=t.DEPRECATED_KEYS=t.BUILDER
_KEYS=t.NODE_FIELDS=t.FLIPPED_ALIAS_KEYS=t.ALIAS_KEYS=t.VISITOR_KEYS=void 0;var
n,i=(n=r(34))&&n.__esModule?n:{default:n},s=r(52);const a={};t.VISITOR_KEYS=a;const
o={};t.ALIAS_KEYS=o;const l={};t.FLIPPED_ALIAS_KEYS=l;const c={};t.NODE_FIELDS=c;const
p={};t.BUILDER_KEYS=p;const u={};t.DEPRECATED_KEYS=u;const d={};function h(e){return
Array.isArray(e)?\\\\"array\\"":null===e?\\\\"null\\"":typeof e}function f(e){return{validate:e}}function
m(e){return\\\\"string\\"===typeof e?g(e):g(...e)}function y(e){return x(S(\\\\"array\\""),b(e))}function T(e){return
y(m(e))}function b(e){function t(t,r,n){if(Array.isArray(n))for(let i=0;i<n.length;i++){const
a=`${r}[${i}]`,o=n[i];e(t,a,o),process.env.BABEL_TYPES_8_BREAKING&&(0,s.validateChild)(t,a,o)}}return
t.each=e,t}function g(...e){function t(t,r,n){for(const a of e)if((0,i.default)(a,n))return
void(0,s.validateChild)(t,r,n);throw new TypeError(^Property ${r} of ${t.type} expected node to be of a type

```

```

    ${JSON.stringify(e)} but instead got ${JSON.stringify(null==n?void 0:n.type)}))return
    t.oneOfNodeTypes=e,t}function S(e){function t(t,r,n){if(!(h(n)===e))throw new TypeError(`Property ${r} expected
    type of ${e} but got ${h(n)}`)}return t.type=e,t}function x(...e){function t(...t){for(const r of e)r(...t)}return
    t.chainOf=e,t}.NODE_PARENT_VALIDATIONS=d;const
    E=[\\"aliases\\",\\"builder\\",\\"deprecatedAlias\\",\\"fields\\",\\"inherits\\",\\"visitor\\",\\"validate\\",P=[\\"
    default\\",\\"optional\\",\\"validate\\"];const v={},function(e,t,r){\\"use
    strict\\";Object.defineProperty(t,\\\\"__esModule\\",{value:!0}),t.validate=h,t.typeIs=f,t.validateType=function(e){r
    return
    h(f(e)),t.validateOptional=function(e){return{validate:e,optional:!0}},t.validateOptionalType=function(e){return{v
    alidate:f(e),optional:!0}},t.arrayOf=m,t.arrayOfType=y,t.validateArrayOfType=function(e){return
    h(y(e)),t.assertEach=T,t.assertOneOf=function(...e){function t(t,r,n){if(e.indexOf(n)<0)throw new
    TypeError(`Property ${r} expected value to be one of ${JSON.stringify(e)} but got ${JSON.stringify(n)}`)}return
    t.oneOf=e,t},t.assertNodeType=b,t.assertNodeOrValueType=function(...e){function t(t,r,s){for(const a of
    e)if(d(s)===a||((0,n.default)(a,s))return void(0,i.validateChild)(t,r,s);throw new TypeError(`Property ${r} of
    ${t.type} expected node to be of a type ${JSON.stringify(e)} but instead got ${JSON.stringify(null===s?void
    0:s.type)}`)}return t.oneOfNodeOrValueTypes=e,t},t.assertValueType=g,t.assertShape=function(e){function
    t(t,r,n){const s=[];for(const r of Object.keys(e))try{(0,i.validateField)(t,r,n[r],e[r])}catch(e){if(e instanceof
    TypeError){s.push(e.message);continue}throw e}if(s.length)throw new TypeError(`Property ${r} of ${t.type}
    expected to have the following:\\\\n${s.join("\\\\n\\\\")}")}return
    t.shapeOf=e,t},t.assertOptionalChainStart=function(){return function(e){var t;let
    r=e;for(;e;){const{type:e}=r;if(\\\\"OptionalCallExpression\\\\"!==(e instanceof OptionalMemberExpression)break
    ;if(r.optional)return;r=r.object}else{if(r.optional)return;r=r.callee}}throw new TypeError(`Non-optional ${e.type}
    must chain from an optional OptionalMemberExpression or OptionalCallExpression. Found chain from
    ${null==(t=r)?void 0:t.type}`)},t.chain=S,t.default=function(e,t={}){const r=t.inherits&&P[t.inherits]{};let
    n=t.fields;if(!n&&(n={},r.fields)){const e=Object.getOwnPropertyNames(r.fields);for(const t of e){const
    e=r.fields[t],i=e.default;if(Array.isArray(i)?i.length>0:i&&\\\\"object\\\\"===typeof i)throw new Error(\\\\"field defaults
    can only be primitives or empty arrays
    currently\\\\");n[t]={default:Array.isArray(i)?i,optional:e.optional,validate:e.validate}}}const
    i=t.visitor||r.visitor||[],h=t.aliases||r.aliases||[],f=t.builder||r.builder||t.visitor||[];for(const r of Object.keys(t))if(-
    1===x.indexOf(r))throw new Error(`Unknown type option \\\\"${r}\\\\" on
    ${e}`);t.deprecatedAlias&&(p[t.deprecatedAlias]=e);for(const e of i.concat(f))n[e]=n[e]{};for(const t of
    Object.keys(n)){const r=n[t];void 0!==(r.default&&-1===f.indexOf(t)&&(r.optional=!0),void
    0===r.default?r.default=null:r.validate||null===r.default||(r.validate=g(d(r.default)));for(const n of Object.keys(r))if(-
    1===E.indexOf(n))throw new Error(`Unknown field key \\\\"${n}\\\\" on
    ${e}.${t}`)}s[e]=t.visitor=i,c[e]=t.builder=f,l[e]=t.fields=n,a[e]=t.aliases=h,h.forEach(t=>{o[t]=o[t]||[],o[t].push(e)
    }),t.validate&&(u[e]=t.validate);P[e]=t},t.NODE_PARENT_VALIDATIONS=t.DEPRECATED_KEYS=t.BUILDE
    R_KEYS=t.NODE_FIELDS=t.FLIPPED_ALIAS_KEYS=t.ALIAS_KEYS=t.VISITOR_KEYS=void 0;var
    n=r(36),i=r(57);const s={};t.VISITOR_KEYS=s;const a={};t.ALIAS_KEYS=a;const
    o={};t.FLIPPED_ALIAS_KEYS=o;const l={};t.NODE_FIELDS=l;const c={};t.BUILDER_KEYS=c;const
    p={};t.DEPRECATED_KEYS=p;const u={};function d(e){return
    Array.isArray(e)?\\"array\\":null===e?\\"null\\":typeof e}function h(e){return{validate:e}}function
    f(e){return\\"string\\")==typeof e?b(e):b(...e)}function m(e){return S(g(\\\\"array\\"),T(e))}function y(e){return
    m(f(e))}function T(e){function t(t,r,n){if(Array.isArray(n))for(let s=0;s<n.length;s++){const
    a=`${r}[${s}]`,o=n[s];e(t,a,o),process.env.BABEL_TYPES_8_BREAKING&&(0,i.validateChild)(t,a,o)}return
    t.each=e,t}function b(...e){function t(t,r,s){for(const a of e)if((0,n.default)(a,s))return
    void(0,i.validateChild)(t,r,s);throw new TypeError(`Property ${r} of ${t.type} expected node to be of a type
    ${JSON.stringify(e)} but instead got ${JSON.stringify(null===s?void 0:s.type)}`)}return
    t.oneOfNodeTypes=e,t}function g(e){function t(t,r,n){if(!(d(n)===e))throw new TypeError(`Property ${r} expected

```

```

type of ${e} but got ${d(n)}`)return t.type=e,t}function S(...e){function t(...t){for(const r of
e)r(...t)}if(t.chainOf=e,e.length>=2&&"type" in e[0]&&"array"===e[0].type&&!("each" in e[1]))throw
new Error('An assertValueType("array") validator can only be followed by an assertEach(...) validator.');
```

```

return t}t.NODE_PARENT_VALIDATIONS=u;const
x=["aliases","builder","deprecatedAlias","fields","inherits","visitor","validate"],E=["default","optional","validate"];const P={},function(e,t,r){var
n=r(151),i=r(156);e.exports=function(e,t){var r=i(e,t);return n(r)?r:void
0}},function(e,t){e.exports=function(e){return null!=e&&"object"===typeof e}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.NOT_LOCAL_BINDING=t.BLOCK_SCOPED_S
YMBOL=t.INHERIT_KEYS=t.UNARY_OPERATORS=t.STRING_UNARY_OPERATORS=t.NUMBER_UNAR
Y_OPERATORS=t.BOOLEAN_UNARY_OPERATORS=t.ASSIGNMENT_OPERATORS=t.BINARY_OPERAT
ORS=t.NUMBER_BINARY_OPERATORS=t.BOOLEAN_BINARY_OPERATORS=t.COMPARISON_BINARY
_OPERATORS=t.EQUALITY_BINARY_OPERATORS=t.BOOLEAN_NUMBER_BINARY_OPERATORS=t.U
PDATE_OPERATORS=t.LOGICAL_OPERATORS=t.COMMENT_KEYS=t.FOR_INIT_KEYS=t.FLATTENAB
LE_KEYS=t.STATEMENT_OR_BLOCK_KEYS=void
0;t.STATEMENT_OR_BLOCK_KEYS=["consequent","body","alternate"];t.FLATTENABLE_KEYS=
["body","expressions"];t.FOR_INIT_KEYS=["left","init"];t.COMMENT_KEYS=["leadingCom
ments","trailingComments","innerComments"];const
n=["||","&&","??"];t.LOGICAL_OPERATORS=n;t.UPDATE_OPERATORS=["++","--
"];const i=[">","<",">=","<="];t.BOOLEAN_NUMBER_BINARY_OPERATORS=i;const
s=["==","===","!=","!="];t.EQUALITY_BINARY_OPERATORS=s;const
a=["...s","in","instanceof"];t.COMPARISON_BINARY_OPERATORS=a;const
o=["...a,...i"];t.BOOLEAN_BINARY_OPERATORS=o;const l=["-
","/","%","*","**","&","|",">>",">>>","<<","^"];t.NUMBER_BINARY
_OPERATORS=l;const c=["+","...l,...o"];t.BINARY_OPERATORS=c;const
p=["=","+","...l.map(e=>e+"="),"...n.map(e=>e+"=")];t.ASSIGNMENT_OPERATORS=p;const
u=["delete","!"];t.BOOLEAN_UNARY_OPERATORS=u;const d=["+","-
","~"];t.NUMBER_UNARY_OPERATORS=d;const
h=["typeof"];t.STRING_UNARY_OPERATORS=h;const
f=["void","throw",...u,...d,...h];t.UNARY_OPERATORS=f;t.INHERIT_KEYS={optional:["typeAnnotatio
n","typeParameters","returnType"],force:["start","loc","end"]};const m=Symbol.for("var
used to be block scoped");t.BLOCK_SCOPED_SYMBOL=m;const y=Symbol.for("should not be considered a
local binding");t.NOT_LOCAL_BINDING=y},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=o;var n=r(5);const
i=Function.call.bind(Object.prototype.hasOwnProperty);function s(e,t,r){return e&&"string"===typeof
e.type?o(e,t,r):e}function a(e,t,r){return Array.isArray(e)?e.map(e=>s(e,t,r)):s(e,t,r)}function
o(e,t=!0,r=!1){if(!e)return
e;const{type:s}=e,o={type:s};if("Identifier"===s)o.name=e.name,i(e,"optional")&&"boolean"===typeof
e.optional&&(o.optional=e.optional),i(e,"typeAnnotation")&&(o.typeAnnotation=t?a(e.typeAnnotation,!0,r):e.t
ypeAnnotation);else{if(!i(n.NODE_FIELDS,s))throw new Error('Unknown node type: "'+s+'");for(const c of
Object.keys(n.NODE_FIELDS[s]))i(e,c)&&(o[c]=t?"File"===s&&"comments"===c?!e.comments,t,r):a(e[
c],!0,r):e[c]}return
i(e,"loc")&&(o.loc=r?null:e.loc),i(e,"leadingComments")&&(o.leadingComments=l(e.leadingComments,t,r)
),i(e,"innerComments")&&(o.innerComments=l(e.innerComments,t,r)),i(e,"trailingComments")&&(o.trailing
Comments=l(e.trailingComments,t,r)),i(e,"extra")&&(o.extra=Object.assign({},e.extra)),o}function
l(e,t,r){return t&&r?function(e){return
e.map(({type:e,value:t})=>({type:e,value:t,loc:null}))(e):e},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.NOT_LOCAL_BINDING=t.BLOCK_SCOPED_S
```

```

YMBOL=t.INHERIT_KEYS=t.UNARY_OPERATORS=t.STRING_UNARY_OPERATORS=t.NUMBER_UNAR
Y_OPERATORS=t.BOOLEAN_UNARY_OPERATORS=t.ASSIGNMENT_OPERATORS=t.BINARY_OPERAT
ORS=t.NUMBER_BINARY_OPERATORS=t.BOOLEAN_BINARY_OPERATORS=t.COMPARISON_BINARY
_OPERATORS=t.EQUALITY_BINARY_OPERATORS=t.BOOLEAN_NUMBER_BINARY_OPERATORS=t.U
PDATE_OPERATORS=t.LOGICAL_OPERATORS=t.COMMENT_KEYS=t.FOR_INIT_KEYS=t.FLATTENAB
LE_KEYS=t.STATEMENT_OR_BLOCK_KEYS=void
0;t.STATEMENT_OR_BLOCK_KEYS=[\\"consequent\\",\\"body\\",\\"alternate\\""];t.FLATTENABLE_KEYS=
[\\"body\\",\\"expressions\\""];t.FOR_INIT_KEYS=[\\"left\\",\\"init\\""];t.COMMENT_KEYS=[\\"leadingCom
ments\\",\\"trailingComments\\",\\"innerComments\\"];const
n=[\\"/\\",\\"&&\\",\\"??\\""];t.LOGICAL_OPERATORS=n;t.UPDATE_OPERATORS=[\\"++\\",\\"--
\\""];const i=[\\">\\",\\"<\\",\\">=\\",\\"<=\\"];t.BOOLEAN_NUMBER_BINARY_OPERATORS=i;const
s=[\\"==\\",\\"===\\",\\"!=\\",\\"!==\\""];t.EQUALITY_BINARY_OPERATORS=s;const
a=[...s,\\"in\\",\\"instanceof\\""];t.COMPARISON_BINARY_OPERATORS=a;const
o=[...a,...i];t.BOOLEAN_BINARY_OPERATORS=o;const l=[\\"-
\\",\\"/\\",\\"%\\",\\"*\\",\\"**\\",\\"&\\",\\"|\\",\\">>\\",\\">>>\\",\\"<<\\",\\"^\\"];t.NUMBER_BINARY
_OPERATORS=l;const c=[\\"+\\",...l,...o];t.BINARY_OPERATORS=c;const
p=[\\"=\\",\\"+=\\",...l.map(e=>e+\\"=\\"),...n.map(e=>e+\\"=\\")];t.ASSIGNMENT_OPERATORS=p;const
u=[\\"delete\\",\\"!\\"];t.BOOLEAN_UNARY_OPERATORS=u;const d=[\\"+\\",\\"-
\\",\\"~\\"];t.NUMBER_UNARY_OPERATORS=d;const
h=[\\"typeof\\""];t.STRING_UNARY_OPERATORS=h;const
f=[\\"void\\",\\"throw\\",...u,...d,...h];t.UNARY_OPERATORS=f;t.INHERIT_KEYS={ optional:[\\"typeAnnotatio
n\\",\\"typeParameters\\",\\"returnType\\"],force:[\\"start\\",\\"loc\\",\\"end\\"]};const m=Symbol.for(\\"var
used to be block scoped\\"");t.BLOCK_SCOPED_SYMBOL=m;const y=Symbol.for(\\"should not be considered a
local binding\\"");t.NOT_LOCAL_BINDING=y,function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{ value:!0}),t.default=l;var n=r(6),i=r(1);const
s=Function.call.bind(Object.prototype.hasOwnProperty);function a(e,t,r){return e&&\\"string\\"===typeof
e.type?l(e,t,r):e}function o(e,t,r){return Array.isArray(e)?e.map(e=>a(e,t,r)):a(e,t,r)}function
l(e,t=!0,r=!1){if(!e)return
e;const { type:a }=e,l={ type:e.type };if((0,i.isIdentifier)(e))l.name=e.name,s(e,\\"optional\\")&&\\"boolean\\"===type
of
e.optional&&(l.optional=e.optional),s(e,\\"typeAnnotation\\")&&(l.typeAnnotation=t?o(e.typeAnnotation,!0,r):e.ty
peAnnotation);else if(!s(n.NODE_FIELDS,a))throw new Error(\\`Unknown node type: \\`{a}\\`);for(const p of
Object.keys(n.NODE_FIELDS[a]))s(e,p)&&(l[p]=t?(0,i.isFile)(e)&&\\"comments\\"===p?c(e.comments,t,r):o(e[p
],!0,r):e[p])}return
s(e,\\"loc\\")&&(l.loc=r?null:e.loc),s(e,\\"leadingComments\\")&&(l.leadingComments=c(e.leadingComments,t,r)
),s(e,\\"innerComments\\")&&(l.innerComments=c(e.innerComments,t,r)),s(e,\\"trailingComments\\")&&(l.trailin
gComments=c(e.trailingComments,t,r)),s(e,\\"extra\\")&&(l.extra=Object.assign({ },e.extra)),l}function
c(e,t,r){return
e&&t?e.map(({ type:e,value:t,loc:n })=>r?{ type:e,value:t,loc:null }:{ type:e,value:t,loc:n }):e},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{ value:!0}),t.default=h,Object.defineProperty(t,\\"NodePath\\",
{ enumerable:!0,get:function(){return
o.default } }),Object.defineProperty(t,\\"Scope\\",{ enumerable:!0,get:function(){return
l.default } }),Object.defineProperty(t,\\"Hub\\",{ enumerable:!0,get:function(){return c.default } }),t.visitors=void
0;var n=d(r(132)),i=u(r(372));t.visitors=i;var s=u(r(0)),a=u(r(38)),o=d(r(8)),l=d(r(100)),c=d(r(373));function
p(){if(\\"function\\"!==typeof WeakMap)return null;var e=new WeakMap;return p=function(){return e},e}function
u(e){if(e&&e.__esModule)return e;if(null===e||\\"object\\"!==typeof e&&\\"function\\"!==typeof
e)return{ default:e };var t=p();if(t&&t.has(e))return t.get(e);var
r={ },n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in

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e)if(Object.prototype.hasOwnProperty.call(e,i)){ var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}return
r.default=e,t&&t.set(e,r,r)}function d(e){return e&&e.__esModule?e:{default:e}}function
h(e,t,r,n,a){if(e){if(t){t={}},!t.noScope&&!r&&!!"Program"!==e.type&&!!"File"!==e.type)throw new
Error("You must pass a scope and parentPath unless traversing a Program/File. Instead of that you tried to traverse a
${e.type} node without passing scope and
parentPath.");s.VISITOR_KEYS[e.type]&&(i.explode(t),h.node(e,t,r,n,a))}}function
f(e,t){e.node.type===t.type&&(t.has=!0,e.stop())}h.visitors=i,h.verify=i.verify,h.explode=i.explode,h.cheap=functio
n(e,t){return s.traverseFast(e,t)},h.node=function(e,t,r,i,a,o){const l=s.VISITOR_KEYS[e.type];if(!l)return;const
c=new n.default(r,t,i,a);for(const t of
l){if(!o||o[t]&&c.visit(e,t))return},h.clearNode=function(e,t){s.removeProperties(e,t),a.path.delete(e)},h.removePro
perties=function(e,t){return s.traverseFast(e,h.clearNode,t),e},h.hasType=function(e,t,r){if(null===r?void
0:r.includes(e.type))return!1;if(e.type===t)return!0;const n={has:!1,type:t};return
h(e,{noScope:!0,denylist:r,enter:f},null,n),n.has},h.cache=a},function(e,t,r){var
n=r(41),i=r(152),s=r(153),a=n?n.toStringTag:void 0;e.exports=function(e){return null===e?void 0===e?"[object
Undefined]":!!"[object Null]":a&&a in Object(e)?i(e):s(e)},function(e,t,r){!!"use
strict";Object.defineProperty(t,!!"__esModule",{value:!0}),Object.defineProperty(t,!!"isIdentifierName",{en
umerable:!0,get:function(){return
n.isIdentifierName}}),Object.defineProperty(t,!!"isIdentifierChar",{enumerable:!0,get:function(){return
n.isIdentifierChar}}),Object.defineProperty(t,!!"isIdentifierStart",{enumerable:!0,get:function(){return
n.isIdentifierStart}}),Object.defineProperty(t,!!"isReservedWord",{enumerable:!0,get:function(){return
i.isReservedWord}}),Object.defineProperty(t,!!"isStrictBindOnlyReservedWord",{enumerable:!0,get:function(){r
eturn
i.isStrictBindOnlyReservedWord}}),Object.defineProperty(t,!!"isStrictBindReservedWord",{enumerable:!0,get:f
unction(){return
i.isStrictBindReservedWord}}),Object.defineProperty(t,!!"isStrictReservedWord",{enumerable:!0,get:function(){
return i.isStrictReservedWord}}),Object.defineProperty(t,!!"isKeyword",{enumerable:!0,get:function(){return
i.isKeyword}});var n=r(209),i=r(210)},function(e,t,r){!!"use
strict";Object.defineProperty(t,!!"__esModule",{value:!0});var
n={react:!0,assertNode:!0,createTypeAnnotationBasedOnTypeof:!0,createUnionTypeAnnotation:!0,createFlowUnio
nType:!0,createTSUnionType:!0,cloneNode:!0,clone:!0,cloneDeep:!0,cloneDeepWithoutLoc:!0,cloneWithoutLoc:!
0,addComment:!0,addComments:!0,inheritInnerComments:!0,inheritLeadingComments:!0,inheritsComments:!0,inh
eritTrailingComments:!0,removeComments:!0,ensureBlock:!0,toBindingIdentifierName:!0,toBlock:!0,toComputed
Key:!0,toExpression:!0,toIdentifier:!0,toKeyAlias:!0,toSequenceExpression:!0,toStatement:!0,valueToNode:!0,appe
ndToMemberExpression:!0,inherits:!0,prependToMemberExpression:!0,removeProperties:!0,removePropertiesDeep
:!0,removeTypeDuplicates:!0,getBindingIdentifiers:!0,getOuterBindingIdentifiers:!0,traverse:!0,traverseFast:!0,shall
owEqual:!0,is:!0,isBinding:!0,isBlockScoped:!0,isImmutable:!0,isLet:!0,isNode:!0,isNodesEquivalent:!0,isPlacehol
derType:!0,isReferenced:!0,isScope:!0,isSpecifierDefault:!0,isType:!0,isValidES3Identifier:!0,isValidIdentifier:!0,is
Var:!0,matchesPattern:!0,validate:!0,buildMatchMemberExpression:!0};Object.defineProperty(t,!!"assertNode",{
enumerable:!0,get:function(){return
o.default}}),Object.defineProperty(t,!!"createTypeAnnotationBasedOnTypeof",{enumerable:!0,get:function(){ret
urn c.default}}),Object.defineProperty(t,!!"createUnionTypeAnnotation",{enumerable:!0,get:function(){return
p.default}}),Object.defineProperty(t,!!"createFlowUnionType",{enumerable:!0,get:function(){return
p.default}}),Object.defineProperty(t,!!"createTSUnionType",{enumerable:!0,get:function(){return
u.default}}),Object.defineProperty(t,!!"cloneNode",{enumerable:!0,get:function(){return
f.default}}),Object.defineProperty(t,!!"clone",{enumerable:!0,get:function(){return
m.default}}),Object.defineProperty(t,!!"cloneDeep",{enumerable:!0,get:function(){return
y.default}}),Object.defineProperty(t,!!"cloneDeepWithoutLoc",{enumerable:!0,get:function(){return

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T.default })),Object.defineProperty(t,\\\\"cloneWithoutLoc\\\\",{enumerable:!0,get:function(){return
b.default })),Object.defineProperty(t,\\\\"addComment\\\\",{enumerable:!0,get:function(){return
g.default })),Object.defineProperty(t,\\\\"addComments\\\\",{enumerable:!0,get:function(){return
S.default })),Object.defineProperty(t,\\\\"inheritInnerComments\\\\",{enumerable:!0,get:function(){return
x.default })),Object.defineProperty(t,\\\\"inheritLeadingComments\\\\",{enumerable:!0,get:function(){return
E.default })),Object.defineProperty(t,\\\\"inheritsComments\\\\",{enumerable:!0,get:function(){return
P.default })),Object.defineProperty(t,\\\\"inheritTrailingComments\\\\",{enumerable:!0,get:function(){return
v.default })),Object.defineProperty(t,\\\\"removeComments\\\\",{enumerable:!0,get:function(){return
A.default })),Object.defineProperty(t,\\\\"ensureBlock\\\\",{enumerable:!0,get:function(){return
I.default })),Object.defineProperty(t,\\\\"toBindingIdentifierName\\\\",{enumerable:!0,get:function(){return
C.default })),Object.defineProperty(t,\\\\"toBlock\\\\",{enumerable:!0,get:function(){return
N.default })),Object.defineProperty(t,\\\\"toComputedKey\\\\",{enumerable:!0,get:function(){return
k.default })),Object.defineProperty(t,\\\\"toExpression\\\\",{enumerable:!0,get:function(){return
D.default })),Object.defineProperty(t,\\\\"toIdentifier\\\\",{enumerable:!0,get:function(){return
_.default })),Object.defineProperty(t,\\\\"toKeyAlias\\\\",{enumerable:!0,get:function(){return
L.default })),Object.defineProperty(t,\\\\"toSequenceExpression\\\\",{enumerable:!0,get:function(){return
M.default })),Object.defineProperty(t,\\\\"toStatement\\\\",{enumerable:!0,get:function(){return
j.default })),Object.defineProperty(t,\\\\"valueToNode\\\\",{enumerable:!0,get:function(){return
F.default })),Object.defineProperty(t,\\\\"appendToMemberExpression\\\\",{enumerable:!0,get:function(){return
B.default })),Object.defineProperty(t,\\\\"inherits\\\\",{enumerable:!0,get:function(){return
U.default })),Object.defineProperty(t,\\\\"prependToMemberExpression\\\\",{enumerable:!0,get:function(){return
V.default })),Object.defineProperty(t,\\\\"removeProperties\\\\",{enumerable:!0,get:function(){return
K.default })),Object.defineProperty(t,\\\\"removePropertiesDeep\\\\",{enumerable:!0,get:function(){return
q.default })),Object.defineProperty(t,\\\\"removeTypeDuplicates\\\\",{enumerable:!0,get:function(){return
Y.default })),Object.defineProperty(t,\\\\"getBindingIdentifiers\\\\",{enumerable:!0,get:function(){return
W.default })),Object.defineProperty(t,\\\\"getOuterBindingIdentifiers\\\\",{enumerable:!0,get:function(){return
X.default })),Object.defineProperty(t,\\\\"traverse\\\\",{enumerable:!0,get:function(){return
J.default })),Object.defineProperty(t,\\\\"traverseFast\\\\",{enumerable:!0,get:function(){return
H.default })),Object.defineProperty(t,\\\\"shallowEqual\\\\",{enumerable:!0,get:function(){return
G.default })),Object.defineProperty(t,\\\\"is\\\\",{enumerable:!0,get:function(){return
z.default })),Object.defineProperty(t,\\\\"isBinding\\\\",{enumerable:!0,get:function(){return
$.default })),Object.defineProperty(t,\\\\"isBlockScoped\\\\",{enumerable:!0,get:function(){return
Q.default })),Object.defineProperty(t,\\\\"isImmutable\\\\",{enumerable:!0,get:function(){return
Z.default })),Object.defineProperty(t,\\\\"isLet\\\\",{enumerable:!0,get:function(){return
ee.default })),Object.defineProperty(t,\\\\"isNode\\\\",{enumerable:!0,get:function(){return
te.default })),Object.defineProperty(t,\\\\"isNodesEquivalent\\\\",{enumerable:!0,get:function(){return
re.default })),Object.defineProperty(t,\\\\"isPlaceholderType\\\\",{enumerable:!0,get:function(){return
ne.default })),Object.defineProperty(t,\\\\"isReferenced\\\\",{enumerable:!0,get:function(){return
ie.default })),Object.defineProperty(t,\\\\"isScope\\\\",{enumerable:!0,get:function(){return
se.default })),Object.defineProperty(t,\\\\"isSpecifierDefault\\\\",{enumerable:!0,get:function(){return
ae.default })),Object.defineProperty(t,\\\\"isType\\\\",{enumerable:!0,get:function(){return
oe.default })),Object.defineProperty(t,\\\\"isValidES3Identifier\\\\",{enumerable:!0,get:function(){return
le.default })),Object.defineProperty(t,\\\\"isValidIdentifier\\\\",{enumerable:!0,get:function(){return
ce.default })),Object.defineProperty(t,\\\\"isVar\\\\",{enumerable:!0,get:function(){return
pe.default })),Object.defineProperty(t,\\\\"matchesPattern\\\\",{enumerable:!0,get:function(){return
ue.default })),Object.defineProperty(t,\\\\"validate\\\\",{enumerable:!0,get:function(){return
de.default })),Object.defineProperty(t,\\\\"buildMatchMemberExpression\\\\",{enumerable:!0,get:function(){return
he.default })),t.react=void 0;var

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i=r(264),s=r(265),a=r(266),o=r(274),l=r(275);Object.keys(l).forEach((function(e){\|"default\|"!=="e&&\|"__esModule\|"!=="e&&(Object.prototype.hasOwnProperty.call(n,e))|e in t&&t[e]===l[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return l[e]}})}));var c=r(276),p=r(277),u=r(278),d=r(3);Object.keys(d).forEach((function(e){\|"default\|"!=="e&&\|"__esModule\|"!=="e&&(Object.prototype.hasOwnProperty.call(n,e))|e in t&&t[e]===d[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return d[e]}})}));var h=r(280);Object.keys(h).forEach((function(e){\|"default\|"!=="e&&\|"__esModule\|"!=="e&&(Object.prototype.hasOwnProperty.call(n,e))|e in t&&t[e]===h[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return h[e]}})}));var f=r(16),m=r(281),y=r(282),T=r(283),b=r(284),g=r(285),S=r(108),x=r(109),E=r(110),P=r(111),v=r(112),A=r(286),w=r(287);Object.keys(w).forEach((function(e){\|"default\|"!=="e&&\|"__esModule\|"!=="e&&(Object.prototype.hasOwnProperty.call(n,e))|e in t&&t[e]===w[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return w[e]}})}));var O=r(15);Object.keys(O).forEach((function(e){\|"default\|"!=="e&&\|"__esModule\|"!=="e&&(Object.prototype.hasOwnProperty.call(n,e))|e in t&&t[e]===O[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return O[e]}})}));var I=r(288),C=r(289),N=r(113),k=r(290),D=r(291),_=r(114),L=r(292),M=r(293),j=r(295),F=r(296),R=r(6);Object.keys(R).forEach((function(e){\|"default\|"!=="e&&\|"__esModule\|"!=="e&&(Object.prototype.hasOwnProperty.call(n,e))|e in t&&t[e]===R[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return R[e]}})}));var B=r(297),U=r(298),V=r(299),K=r(117),q=r(115),Y=r(107),W=r(37),X=r(300),J=r(301);Object.keys(J).forEach((function(e){\|"default\|"!=="e&&\|"__esModule\|"!=="e&&(Object.prototype.hasOwnProperty.call(n,e))|e in t&&t[e]===J[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return J[e]}})}));var H=r(116),G=r(54),z=r(36),$_r(302),Q=r(303),Z=r(304),ee=r(118),te=r(106),re=r(305),ne=r(104),ie=r(306),se=r(307),ae=r(308),oe=r(56),le=r(309),ce=r(24),pe=r(310),ue=r(103),de=r(57),he=r(102),fe=r(1);Object.keys(fe).forEach((function(e){\|"default\|"!=="e&&\|"__esModule\|"!=="e&&(Object.prototype.hasOwnProperty.call(n,e))|e in t&&t[e]===fe[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return fe[e]}})}));var me=r(311);Object.keys(me).forEach((function(e){\|"default\|"!=="e&&\|"__esModule\|"!=="e&&(Object.prototype.hasOwnProperty.call(n,e))|e in t&&t[e]===me[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return me[e]}})}));const ye={isReactComponent:i.default,isCompatTag:s.default,buildChildren:a.default};t.react=ye,function(e,t){t.getArg=function(e,t,r){if(t in e)return e[t];if(3===arguments.length)return r;throw new Error("\|"+"t+" is a required argument.')}var r=/(?:(\|w+|\|-.|+):)?\|w+|\|w+@)?(\|w+|\|w+|*)?(?:(\|d+)?(.*$)/n=/^data:.+|\|.+$/;function i(e){var t=e.match(r);return t?{scheme:t[1],auth:t[2],host:t[3],port:t[4],path:t[5]}:null}function s(e){var t="\|"";return e.scheme&&(t+=e.scheme+"\|"");t+=\|"/\|",e.auth&&(t+=e.auth+"\|"@|\|"),e.host&&(t+=e.host),e.port&&(t+=\|":\|" +e.port),e.path&&(t+=e.path),t}t.urlParse=i,t.urlGenerate=s;var a,o,l=(a=function(e){var r=e,n=i(e);if(!n.path)return e;r=n.path}for(var a=t.isAbsolute(r),o=[],l=0,c=0;){if(l=c,-1===c=r.indexOf("\|"^l))){o.push(r.slice(l));break}for(o.push(r.slice(l,c));c<r.length&&\|"^l"===r[c];)c++;var p,u=0;for(c=o.length-1;c>=0;c--)\|"^l"===p=o[c]?o.splice(c,1):\|"^l"===p?u++:u>0&&\|"^l"===p?(o.splice(c+1,u),u=0):(o.splice(c,2),u--);return\|"^l"===(r=o.join("\|"^l"))&&(r=a?\|"^l":\|"^l"),n?(n.path=r,s(n)):r,o=[],function(e){for(var t=0;t<o.length;t++)if(o[t].input===e){var r=o[0];return o[0]=o[t],o[t]=r,o[0].result}var n=a(e);return o.unshift({input:e,result:n}),o.length>32&&o.pop(),n});function c(e,t){\|"^l"===e&&(e=\|"^l"),\|"^l"===t&&(t=\|"^l");var r=i(t),a=i(e);if(a&&(e=a.path|\|"^l"),r&&!r.scheme)return a&&(r.scheme=a.scheme),s(r);if(r|t.match(n))return t;if(a&&!a.host&&!a.path)return a.host=t,s(a);var o=\|"^l"===t.charAt(0)?t.l(e.replace(/\|v+$/,\|"^l")+|\|"^l"+t);return a?(a.path=o,s(a)):o}t.normalize=l,t.join=c,t.isAbsolute=function(e){return\|"^l"===e.charAt(0)|r.test(e)},t.relative
```



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l=\\\\"/\\/\"===t.charAt(0)?t:a(e.replace(/\\|\\/+$/,\\\\"/\\/\"+\\\\"/\\/\"+t);return
o?(o.path=l,s(o):1,t.isAbsolute=function(e){return\\\\"/\\/\"===e.charAt(0)!!e.match(r)},t.relative=function(e,t){\\\\"/
\\/\"===e&&(e=\\\\".\\\\"),e=e.replace(/\\|\\/$/,\\\\"/\\/\"");for(var r=0;0!==(t.indexOf(e+\\\\"/\\/\"));){var
n=e.lastIndexOf(\\\\"/\\/\"");if(n<0)return t;if((e=e.slice(0,n)).match(/^(\\/|\\/|+:\\|\\/)?\\/\\*$/))return t;++r}return
Array(r+1).join(\\\\"..\\\\")+t.substr(e.length+1);var o=!\\\\" __proto__\\\\" in Object.create(null));function l(e){return
e}function c(e){if(!e)return!1;var t=e.length;if(t<9)return!1;if(95!==(e.charCodeAt(t-1))|95!==(e.charCodeAt(t-
2))|111!==(e.charCodeAt(t-3))|116!==(e.charCodeAt(t-4))|111!==(e.charCodeAt(t-5))|114!==(e.charCodeAt(t-
6))|112!==(e.charCodeAt(t-7))|95!==(e.charCodeAt(t-8))|95!==(e.charCodeAt(t-9))return!1;for(var r=t-10;r>=0;r--
)if(36!==(e.charCodeAt(r))return!1;return!0}function p(e,t){return e===t?0:e>t?1:-
1}t.toSetString=o?l:function(e){return c(e)?\\\\"$\\\\"+e:e},t.fromSetString=o?l:function(e){return
c(e)?e.slice(1):e},t.compareByOriginalPositions=function(e,t,r){var n=e.source-t.source;return
0!==(n|0)!==(n=e.originalLine-t.originalLine)|0!==(n=e.originalColumn-
t.originalColumn)||r|0!==(n=e.generatedColumn-t.generatedColumn)|0!==(n=e.generatedLine-
t.generatedLine)?n:e.name-t.name},t.compareByGeneratedPositionsDeflated=function(e,t,r){var n=e.generatedLine-
t.generatedLine;return 0!==(n|0)!==(n=e.generatedColumn-t.generatedColumn)||r|0!==(n=e.source-
t.source)|0!==(n=e.originalLine-t.originalLine)|0!==(n=e.originalColumn-t.originalColumn)?n:e.name-
t.name},t.compareByGeneratedPositionsInflated=function(e,t){var r=e.generatedLine-t.generatedLine;return
0!==(r|0)!==(r=e.generatedColumn-t.generatedColumn)|0!==(r=p(e.source,t.source))|0!==(r=e.originalLine-
t.originalLine)|0!==(r=e.originalColumn-t.originalColumn)?r:p(e.name,t.name)}},function(e,t,r){var
n=r(141),i=r(142),s=r(143),a=r(144),o=r(145);function l(e){var t=-
1,r=null==e?0:e.length;for(this.clear();++t<r;){var
n=e[t];this.set(n[0],n[1])}}l.prototype.clear=n,l.prototype.delete=i,l.prototype.get=s,l.prototype.has=a,l.prototype.set
=o,e.exports=l},function(e,t,r){var n=r(66);e.exports=function(e,t){for(var r=e.length;r--);if(n(e[r][0],t))return
r;return-1}},function(e,t,r){var n=r(11)(Object,\\\\"create\\\\"");e.exports=n},function(e,t,r){var
n=r(166);e.exports=function(e,t){var r=e.__data__;return n(t)?r[\\\\"string\\\\"]==typeof
t?\\\\"string\\\\":\\\\"hash\\\\"}:r.map}},function(e,t,r){var n=r(70),i=r(71);e.exports=function(e,t,r,s){var
a=!r;r[r]={};for(var o=-1,l=t.length;++o<l;){var c=t[o],p=s?s(r[c],e[c],c,r,e):void 0;void
0===p&&(p=e[c]),a?i(r,c,p):n(r,c,p)}return r}},function(e,t){e.exports=function(e){return
e.webpackPolyfill||(e.deprecate=function(){},e.paths=[],e.children||(e.children=[]),Object.defineProperty(e,\\\\"loade
d\\\\",{enumerable:!0,get:function(){return
e.l}}),Object.defineProperty(e,\\\\"id\\\\",{enumerable:!0,get:function(){return
e.i}}),e.webpackPolyfill=1,e)},function(e,t){e.exports=function(e){return function(t){return
e(t)}}},function(e,t,r){(function(e){var n=r(68),i=t&&!t.nodeType&&t.s=i&&\\\\"object\\\\"===typeof
e&&e&&!e.nodeType&&e.a=s&&s.exports===i&&n.process,o=function(){try{var
e=s&&s.require&&s.require(\\\\"util\\\\"),types;return
e|a&&a.binding&&a.binding(\\\\"util\\\\")}catch(e){};e.exports=o}).call(this,r(31)(e)),function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),t.default=function(e,t,r){if(!t)return!1;if(!0,i.default
)(t.type,e))return!r&&\\\\"Placeholder\\\\"===t.type&&e in
a.FLIPPED_ALIAS_KEYS&&(0,s.default)(t.expectedNode,e);return void 0===r|(0,n.default)(t,r)};var
n=o(r(39)),i=o(r(51)),s=o(r(82)),a=r(5);function o(e){return
e&&e.__esModule?:{default:e}},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),t.default=i;var n=r(2);function i(e,t,r){let
s=[].concat(e);const a=Object.create(null);for(;s.length;){const e=s.shift();if(!e)continue;const
o=i.keys[e.type];if((0,n.isIdentifier)(e))if(t){(a[e.name]=a[e.name]||[]).push(e)}else a[e.name]=e;else
if((0,n.isExportDeclaration)(e))(0,n.isDeclaration)(e.declaration)&&s.push(e.declaration);else if(r){if((0,n.isFunctio
nDeclaration)(e)){s.push(e.id);continue}if((0,n.isFunctionExpression)(e))continue}if(o)for(let
t=0;t<o.length;t++){const r=o[t];e[r]&&(s=s.concat(e[r]))}}return
a}i.keys={DeclareClass:[\\\\"id\\\\"],DeclareFunction:[\\\\"id\\\\"],DeclareModule:[\\\\"id\\\\"],DeclareVariable:[\\\\"id\\\\"]}

```

```

,DeclareInterface:[\\"id\\"],DeclareTypeAlias:[\\"id\\"],DeclareOpaqueType:[\\"id\\"],InterfaceDeclaration:[\\"id
\\"],TypeAlias:[\\"id\\"],OpaqueType:[\\"id\\"],CatchClause:[\\"param\\"],LabeledStatement:[\\"label\\"],Unary
Expression:[\\"argument\\"],AssignmentExpression:[\\"left\\"],ImportSpecifier:[\\"local\\"],ImportNamespaceSp
ecifier:[\\"local\\"],ImportDefaultSpecifier:[\\"local\\"],ImportDeclaration:[\\"specifiers\\"],ExportSpecifier:[\\"e
xported\\"],ExportNamespaceSpecifier:[\\"exported\\"],ExportDefaultSpecifier:[\\"exported\\"],FunctionDeclarati
on:[\\"id\\"],\\"params\\"],FunctionExpression:[\\"id\\"],\\"params\\"],ArrowFunctionExpression:[\\"params\\"],
ObjectMethod:[\\"params\\"],ClassMethod:[\\"params\\"],ForInStatement:[\\"left\\"],ForOfStatement:[\\"left\\"]
,ClassDeclaration:[\\"id\\"],ClassExpression:[\\"id\\"],RestElement:[\\"argument\\"],UpdateExpression:[\\"argu
ment\\"],ObjectProperty:[\\"value\\"],AssignmentPattern:[\\"left\\"],ArrayPattern:[\\"elements\\"],ObjectPattern:
[\\"properties\\"],VariableDeclaration:[\\"declarations\\"],VariableDeclarator:[\\"id\\"] },function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=function(e,t,r){if(!t)return!1;if(!0,i.default
)(t.type,e)return!r&&\\"Placeholder\\")==t.type&&e in
a.FLIPPED_ALIAS_KEYS&&(0,s.default)(t.expectedNode,e);return void 0===r||(0,n.default)(t,r)};var
n=r(54),i=r(56),s=r(104),a=r(6)},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=i;var n=r(1);function i(e,t,r){let
s=[].concat(e);const a=Object.create(null);for(;s.length;){const e=s.shift();if(!e)continue;const
o=i.keys[e.type];if((0,n.isIdentifier)(e))if(t){a[e.name]=a[e.name]||[]}.push(e)}else a[e.name]=e;else
if(!(0,n.isExportDeclaration)(e)||(0,n.isExportAllDeclaration)(e)){if(r){if((0,n.isFunctionDeclaration)(e)){s.push(e.id
)};continue}if((0,n.isFunctionExpression)(e))continue}if(o)for(let t=0;t<o.length;t++){const
r=o[t];e[r]&&(s=s.concat(e[r]))}else(0,n.isDeclaration)(e.declaration)&&s.push(e.declaration)}return
a}.i.keys={DeclareClass:[\\"id\\"],DeclareFunction:[\\"id\\"],DeclareModule:[\\"id\\"],DeclareVariable:[\\"id\\"]
,DeclareInterface:[\\"id\\"],DeclareTypeAlias:[\\"id\\"],DeclareOpaqueType:[\\"id\\"],InterfaceDeclaration:[\\"id
\\"],TypeAlias:[\\"id\\"],OpaqueType:[\\"id\\"],CatchClause:[\\"param\\"],LabeledStatement:[\\"label\\"],Unary
Expression:[\\"argument\\"],AssignmentExpression:[\\"left\\"],ImportSpecifier:[\\"local\\"],ImportNamespaceSp
ecifier:[\\"local\\"],ImportDefaultSpecifier:[\\"local\\"],ImportDeclaration:[\\"specifiers\\"],ExportSpecifier:[\\"e
xported\\"],ExportNamespaceSpecifier:[\\"exported\\"],ExportDefaultSpecifier:[\\"exported\\"],FunctionDeclarati
on:[\\"id\\"],\\"params\\"],FunctionExpression:[\\"id\\"],\\"params\\"],ArrowFunctionExpression:[\\"params\\"],
ObjectMethod:[\\"params\\"],ClassMethod:[\\"params\\"],ForInStatement:[\\"left\\"],ForOfStatement:[\\"left\\"]
,ClassDeclaration:[\\"id\\"],ClassExpression:[\\"id\\"],RestElement:[\\"argument\\"],UpdateExpression:[\\"argu
ment\\"],ObjectProperty:[\\"value\\"],AssignmentPattern:[\\"left\\"],ArrayPattern:[\\"elements\\"],ObjectPattern:
[\\"properties\\"],VariableDeclaration:[\\"declarations\\"],VariableDeclarator:[\\"id\\"] },function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.clear=function(){s(),a()},t.clearPath=s,t.clearScope
=a,t.scope=t.path=void 0;let n=new WeakMap;t.path=n;let i=new WeakMap;function s(){t.path=n=new
WeakMap}function a(){t.scope=i=new WeakMap}t.scope=i},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=function(e,t){const
r=Object.keys(t);for(const n of r)if(e[n]!==t[n])return!1;return!0}},function(e,t,r){var
n=r(11)(r(7),\\"Map\\");e.exports=n},function(e,t,r){var n=r(7).Symbol;e.exports=n},function(e,t,r){var
n=r(72),i=r(180),s=r(76);e.exports=function(e){return s(e)?n(e):i(e)},function(e,t){var
r=Array.isArray;e.exports=r},function(e,t){var r=Object.prototype;e.exports=function(e){var
t=e&&e.constructor;return e===(\\"function\\")==typeof t&&t.prototype|r}},function(e,t,r){var
n=r(72),i=r(183),s=r(76);e.exports=function(e){return s(e)?n(e,!0):i(e)},function(e,t,r){var
n=r(188),i=r(77),s=Object.prototype.propertyIsEnumerable,a=Object.getOwnPropertySymbols,o=a?function(e){retu
rn null===e?[]:(e=Object(e),n(a(e),(function(t){return s.call(e,t)})))};i.e.exports=o},function(e,t,r){var
n=r(75)(Object.getPrototypeOf,Object);e.exports=n},function(e,t,r){var
n=r(192),i=r(40),s=r(193),a=r(194),o=r(195),l=r(18),c=r(69),p=c(n),u=c(i),d=c(s),h=c(a),f=c(o),m=l;(n&&\\"[objec
t DataView]\\")==m(new n(new ArrayBuffer(1)))|i&&\\"[object Map]\\")==m(new i)|s&&\\"[object
Promise]\\")==m(s.resolve())|a&&\\"[object Set]\\")==m(new a)|o&&\\"[object WeakMap]\\")==m(new
o))&&(m=function(e){var t=l(e),r=\\"[object Object]\\")==t?e.constructor:void

```

```

0,n=r?c(r):{};if(n)switch(n){ case p:return"[object DataView]";case u:return"[object Map]";case
d:return"[object Promise]";case h:return"[object Set]";case f:return"[object WeakMap]"}return
t}),e.exports=m},function(e,t,r){ var n=r(198);e.exports=function(e){ var t=new e.constructor(e.byteLength);return
new n(t).set(new n(e),t)},function(e,t,r){use
strict";Object.defineProperty(t, "__esModule", { value: !0 }); t.classMethodOrDeclareMethodCommon=t.classMe
thodOrPropertyCommon=t.patternLikeCommon=t.functionDeclarationCommon=t.functionTypeAnnotationCommo
n=t.functionCommon=void 0;var n=c(r(34)),i=c(r(23)),s=r(19),a=r(13),o=function(e){ if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return { default: e };var t=l();if(t&&t.has(e))return
t.get(e);var r={ },n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){ var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get|s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(9));function l(){ if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
l=function(){ return e },e}function c(e){ return
e&&e.__esModule?e: { default: e } }(0,o.default)(["ArrayExpression"], { fields: { elements: { validate: (0,o.o.chain)((0,o.a
ssertValueType)(["array"]), (0,o.o.assertEach)((0,o.o.assertNodeOrValueType)(["null"], ["Expression"], ["Spread
Element"]))), default: process.env.BABEL_TYPES_8_BREAKING?void
0:[] } }, visitor: [ ["elements"], aliases: [ ["Expression"] ] }, (0,o.default)(["AssignmentExpression"], { fields: { oper
ator: { validate: function() { if(!process.env.BABEL_TYPES_8_BREAKING)return(0,o.o.assertValueType)(["string"]
);const e=(0,o.o.assertOneOf)(...a.ASSIGNMENT_OPERATORS),t=(0,o.o.assertOneOf)(["="]);return
function(r,i,s){ ((0,n.default)(["Pattern"], r.left)?t:e)(r,i,s) } }, left: { validate: process.env.BABEL_TYPES_8_BRE
AKING?(0,o.o.assertNodeType)(["Identifier"], ["MemberExpression"], ["ArrayPattern"], ["ObjectPattern"]):(
0,o.o.assertNodeType)(["LVal"] ) }, right: { validate: (0,o.o.assertNodeType)(["Expression"] ) }, builder: [ ["operator"
, ["left"], ["right"], visitor: [ ["left"], ["right"], aliases: [ ["Expression"] ] }, (0,o.default)(["BinaryExpressio
n"], { builder: [ ["operator"], ["left"], ["right"], fields: { operator: { validate: (0,o.o.assertOneOf)(...a.BINARY_OPE
RATORS) }, left: { validate: function() { const
e=(0,o.o.assertNodeType)(["Expression"], t=(0,o.o.assertNodeType)(["Expression"], ["PrivateName"], r=functio
n(r,n,i){ (["in"]===r.operator?t:e)(r,n,i) };return
r.oneOfNodeTypes=[ ["Expression"], ["PrivateName"], r } }, right: { validate: (0,o.o.assertNodeType)(["Expressio
n"] ) }, visitor: [ ["left"], ["right"], aliases: [ ["Binary"], ["Expression"] ] }, (0,o.default)(["InterpreterDirectiv
e"], { builder: [ ["value"], fields: { value: { validate: (0,o.o.assertValueType)(["string"] ) } } }, (0,o.default)(["Directiv
e"], { visitor: [ ["value"], fields: { value: { validate: (0,o.o.assertNodeType)(["DirectiveLiteral"] ) } } }, (0,o.defa
ult)(["DirectiveLiteral"], { builder: [ ["value"], fields: { value: { validate: (0,o.o.assertValueType)(["string"] ) } } }, (0,o.defa
ult)(["BlockStatement"], { builder: [ ["body"], ["directives"], visitor: [ ["directives"], ["body"], fields: { direct
ives: { validate: (0,o.o.chain)((0,o.o.assertValueType)(["array"], (0,o.o.assertEach)((0,o.o.assertNodeType)(["Directive"
])), default: [] }, body: { validate: (0,o.o.chain)((0,o.o.assertValueType)(["array"], (0,o.o.assertEach)((0,o.o.assertNodeTyp
e)(["Statement"] ) ) } }, aliases: [ ["Scopable"], ["BlockParent"], ["Block"], ["Statement"] ] }, (0,o.default)(["Br
eakStatement"], { visitor: [ ["label"], fields: { label: { validate: (0,o.o.assertNodeType)(["Identifier"], optional: !0 } }, al
ias: [ ["Statement"], ["Terminatorless"], ["CompletionStatement"] ] }, (0,o.default)(["CallExpression"], { visi
tor: [ ["callee"], ["arguments"], ["typeParameters"], ["typeArguments"], builder: [ ["callee"], ["arguments"
], aliases: [ ["Expression"], fields: Object.assign({ callee: { validate: (0,o.o.assertNodeType)(["Expression"], ["V8Int
insicIdentifier"] ), arguments: { validate: (0,o.o.chain)((0,o.o.assertValueType)(["array"], (0,o.o.assertEach)((0,o.o.assert
NodeType)(["Expression"], ["SpreadElement"], ["JSXNamespacedName"], ["ArgumentPlaceholder"] ) } } }, process.env.BABEL_TYPES_8_BREAKING?{ } : { optional: { validate: (0,o.o.assertOneOf)(!0,!1), optional: !0 } }, { typeAr
guments: { validate: (0,o.o.assertNodeType)(["TypeParameterInstantiation"], optional: !0 }, typeParameters: { validate: (
0,o.o.assertNodeType)(["TSTypeParameterInstantiation"], optional: !0 } } }, (0,o.default)(["CatchClause"], { visito
r: [ ["param"], ["body"], fields: { param: { validate: (0,o.o.assertNodeType)(["Identifier"], ["ArrayPattern"], ["Ob
jectPattern"], optional: !0 }, body: { validate: (0,o.o.assertNodeType)(["BlockStatement"] ) }, aliases: [ ["Scopable"],
["BlockParent"] ] }, (0,o.default)(["ConditionalExpression"], { visitor: [ ["test"], ["consequent"], ["alternate"]

```

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],fields:{test:{validate:(0,o.assertNodeType)(\\"Expression\\")},consequent:{validate:(0,o.assertNodeType)(\\"Exp
ression\\")},alternate:{validate:(0,o.assertNodeType)(\\"Expression\\")},aliases:[\\"Expression\\",\\"Conditional
\\"]},(0,o.default)(\\"ContinueStatement\\",{visitor:[\\"label\\"],fields:{label:{validate:(0,o.assertNodeType)(\\"I
dentifier\\"),optional:!0}},aliases:[\\"Statement\\",\\"Terminatorless\\",\\"CompletionStatement\\"]}),(0,o.default
)(\\"DebuggerStatement\\",{aliases:[\\"Statement\\"]}),(0,o.default)(\\"DoWhileStatement\\",{visitor:[\\"test\\",\
\\"body\\"],fields:{test:{validate:(0,o.assertNodeType)(\\"Expression\\")},body:{validate:(0,o.assertNodeType)(\\"
Statement\\")}}},aliases:[\\"Statement\\",\\"BlockParent\\",\\"Loop\\",\\"While\\",\\"Scopable\\"]}),(0,o.default
)(\\"EmptyStatement\\",{aliases:[\\"Statement\\"]}),(0,o.default)(\\"ExpressionStatement\\",{visitor:[\\"expressi
on\\"],fields:{expression:{validate:(0,o.assertNodeType)(\\"Expression\\")},aliases:[\\"Statement\\",\\"Expressi
onWrapper\\"]}),(0,o.default)(\\"File\\",{builder:[\\"program\\",\\"comments\\",\\"tokens\\"],visitor:[\\"progra
m\\"],fields:{program:{validate:(0,o.assertNodeType)(\\"Program\\")},comments:{validate:process.env.BABEL_
TYPES_8_BREAKING?(0,o.assertEach)((0,o.assertNodeType)(\\"CommentBlock\\",\\"CommentLine\\")):Objec
t.assign(=>{},{each:{oneOfNodeTypes:[\\"CommentBlock\\",\\"CommentLine\\"]}},optional:!0},tokens:{vali
date:(0,o.assertEach)(Object.assign(=>{},{type:\\\\"any\\"})),optional:!0}}),(0,o.default)(\\"ForInStatement\\",{
visitor:[\\"left\\",\\"right\\",\\"body\\"],aliases:[\\"Scopable\\",\\"Statement\\",\\"For\\",\\"BlockParent\\",\\"Lo
op\\",\\"ForXStatement\\"],fields:{left:{validate:process.env.BABEL_TYPES_8_BREAKING?(0,o.assertNode
Type)(\\"VariableDeclaration\\",\\"Identifier\\",\\"MemberExpression\\",\\"ArrayPattern\\",\\"ObjectPattern\\")
:(0,o.assertNodeType)(\\"VariableDeclaration\\",\\"LVal\\"}},right:{validate:(0,o.assertNodeType)(\\"Expression\
\\")},body:{validate:(0,o.assertNodeType)(\\"Statement\\"}}),(0,o.default)(\\"ForStatement\\",{visitor:[\\"init\
\\",\\"test\\",\\"update\\",\\"body\\"],aliases:[\\"Scopable\\",\\"Statement\\",\\"For\\",\\"BlockParent\\",\\"Lo
op\\"],fields:{init:{validate:(0,o.assertNodeType)(\\"VariableDeclaration\\",\\"Expression\\"),optional:!0},test:{val
idate:(0,o.assertNodeType)(\\"Expression\\"),optional:!0},update:{validate:(0,o.assertNodeType)(\\"Expression\
\\"),optional:!0},body:{validate:(0,o.assertNodeType)(\\"Statement\\"}}});const
p={params:{validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assertNodeType)(\\"Ident
ifier\\",\\"Pattern\\",\\"RestElement\\",\\"TSPParameterProperty\\"))},generator:{default:!1},async:{default:!1};
t.functionCommon=p;const
u={returnType:{validate:(0,o.assertNodeType)(\\"TypeAnnotation\\",\\"TSTypeAnnotation\\",\\"Noop\\"),option
al:!0},typeParameters:{validate:(0,o.assertNodeType)(\\"TypeParameterDeclaration\\",\\"TSTypeParameterDeclar
ation\\",\\"Noop\\"),optional:!0};t.functionTypeAnnotationCommon=u;const
d=Object.assign({},p,{declare:{validate:(0,o.assertValueType)(\\"boolean\\"),optional:!0},id:{validate:(0,o.assertN
odeType)(\\"Identifier\\"),optional:!0};t.functionDeclarationCommon=d,(0,o.default)(\\"FunctionDeclaration\\",
{builder:[\\"id\\",\\"params\\",\\"body\\",\\"generator\\",\\"async\\"],visitor:[\\"id\\",\\"params\\",\\"body\\",
\\"returnType\\",\\"typeParameters\\"],fields:Object.assign({},d,u,{body:{validate:(0,o.assertNodeType)(\\"Block
Statement\\"}})},aliases:[\\"Scopable\\",\\"Function\\",\\"BlockParent\\",\\"FunctionParent\\",\\"Statement\\",\
\\"Pureish\\",\\"Declaration\\"],validate:function(){if(!process.env.BABEL_TYPES_8_BREAKING)return(=>{ };
const e=(0,o.assertNodeType)(\\"Identifier\\");return
function(t,r,i){(0,n.default)(\\"ExportDefaultDeclaration\\",t)|e(i,\\"id\\",i.id)}(0)),(0,o.default)(\\"FunctionExpr
ession\\",{inherits:\\\\"FunctionDeclaration\\",aliases:[\\"Scopable\\",\\"Function\\",\\"BlockParent\\",\\"Funcio
nParent\\",\\"Expression\\",\\"Pureish\\"],fields:Object.assign({},p,u,{id:{validate:(0,o.assertNodeType)(\\"Identi
fier\\"),optional:!0},body:{validate:(0,o.assertNodeType)(\\"BlockStatement\\"}}));const
h={typeAnnotation:{validate:(0,o.assertNodeType)(\\"TypeAnnotation\\",\\"TSTypeAnnotation\\",\\"Noop\\"),o
ptional:!0},decorators:{validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assertNodeTyp
e)(\\"Decorator\\"))});t.patternLikeCommon=h,(0,o.default)(\\"Identifier\\",{builder:[\\"name\\"],visitor:[\\"typ
eAnnotation\\",\\"decorators\\"],aliases:[\\"Expression\\",\\"PatternLike\\",\\"LVal\\",\\"TSEntityName\\"],fiel
ds:Object.assign({},h,{name:{validate:(0,o.chain)((0,o.assertValueType)(\\"string\\"),Object.assign((function(e,t,r)
{if(process.env.BABEL_TYPES_8_BREAKING&&!0,i.default)(r,!1))throw new TypeError(\\\\"${r}\\\" is not a
valid identifier
name`)})),{type:\\\\"string\\"}})},optional:{validate:(0,o.assertValueType)(\\"boolean\\"),optional:!0}},validate(e,t,

```

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r){if(!process.env.BABEL_TYPES_8_BREAKING)return;const
i=/^\\.(\\w+)$/.exec(t);if(!i)return;const[,a]=i,o={computed:!1};if(\\\"property\\\"===a){if((0,n.default)(\\\"Member
Expression\\\",e,o))return;if((0,n.default)(\\\"OptionalMemberExpression\\\",e,o))return}else
if(\\\"key\\\"===a){if((0,n.default)(\\\"Property\\\",e,o))return;if((0,n.default)(\\\"Method\\\",e,o))return}else
if(\\\"exported\\\"===a){if((0,n.default)(\\\"ExportSpecifier\\\",e))return}else
if(\\\"imported\\\"===a){if((0,n.default)(\\\"ImportSpecifier\\\",e,{imported:r}))return}else
if(\\\"meta\\\"===a&&(0,n.default)(\\\"MetaProperty\\\",e,{meta:r}))return;if(((0,s.isKeyword)(r.name)|(0,s.isReser
vedWord)(r.name))&&\\\"this\\\"!==r.name)throw new TypeError(\\\"$\\{r.name}\\\" is not a valid
identifier`)),(0,o.default)(\\\"IfStatement\\\",{visitor:[\\\"test\\\",\\\"consequent\\\",\\\"alternate\\\"],aliases:[\\\"State
ment\\\",\\\"Conditional\\\"],fields:{test:{validate:(0,o.assertNodeType)(\\\"Expression\\\")},consequent:{validate:(0,
o.assertNodeType)(\\\"Statement\\\")},alternate:{optional:!0,validate:(0,o.assertNodeType)(\\\"Statement\\\")}}}),
(0,o.default)(\\\"LabeledStatement\\\",{visitor:[\\\"label\\\",\\\"body\\\"],aliases:[\\\"Statement\\\"],fields:{label:{validate
:(0,o.assertNodeType)(\\\"Identifier\\\")},body:{validate:(0,o.assertNodeType)(\\\"Statement\\\")}}}),
(0,o.default)(\\\"StringLiteral\\\",{builder:[\\\"value\\\"],fields:{value:{validate:(0,o.assertValueType)(\\\"string\\\")}},aliases:[\\\"Ex
pression\\\",\\\"Pureish\\\",\\\"Literal\\\",\\\"Immutable\\\"]}),
(0,o.default)(\\\"NumericLiteral\\\",{builder:[\\\"value\\\"],deprecatedAlias:\\\"NumberLiteral\\\",fields:{value:{validate:(0,o.assertValueType)(\\\"number\\\")}},aliases:[\\\"
Expression\\\",\\\"Pureish\\\",\\\"Literal\\\",\\\"Immutable\\\"]}),
(0,o.default)(\\\"NullLiteral\\\",{aliases:[\\\"Expressio
n\\\",\\\"Pureish\\\",\\\"Literal\\\",\\\"Immutable\\\"]}),
(0,o.default)(\\\"BooleanLiteral\\\",{builder:[\\\"value\\\"],fields
:{value:{validate:(0,o.assertValueType)(\\\"boolean\\\")}},aliases:[\\\"Expression\\\",\\\"Pureish\\\",\\\"Literal\\\",\\\"I
mmutable\\\"]}),
(0,o.default)(\\\"RegExpLiteral\\\",{builder:[\\\"pattern\\\",\\\"flags\\\"],deprecatedAlias:\\\"RegexLit
eral\\\",aliases:[\\\"Expression\\\",\\\"Pureish\\\",\\\"Literal\\\"],fields:{pattern:{validate:(0,o.assertValueType)(\\\"stri
ng\\\")},flags:{validate:(0,o.chain)((0,o.assertValueType)(\\\"string\\\"),Object.assign((function(e,t,r){if(!process.env
.BABEL_TYPES_8_BREAKING)return;const n=/^[^gimsuy]/.exec(r);if(n)throw new TypeError(\\\"$\\{n[0]\\\" is
not a valid RegExp
flag`)),{type:\\\"string\\\"}),default:\\\"\\\"}}}),
(0,o.default)(\\\"LogicalExpression\\\",{builder:[\\\"operator\\\",\\\"l
eft\\\",\\\"right\\\"],visitor:[\\\"left\\\",\\\"right\\\"],aliases:[\\\"Binary\\\",\\\"Expression\\\"],fields:{operator:{validate:(
0,o.assertOneOf(...a.LOGICAL_OPERATORS)},left:{validate:(0,o.assertNodeType)(\\\"Expression\\\")},right:{val
idate:(0,o.assertNodeType)(\\\"Expression\\\")}}}),
(0,o.default)(\\\"MemberExpression\\\",{builder:[\\\"object\\\",\\\"
property\\\",\\\"computed\\\",\\\"optional\\\"],visitor:[\\\"object\\\",\\\"property\\\"],aliases:[\\\"Expression\\\",\\\"LVal
\\\"],fields:Object.assign({object:{validate:(0,o.assertNodeType)(\\\"Expression\\\")},property:{validate:function(){c
onst
e=(0,o.assertNodeType)(\\\"Identifier\\\",\\\"PrivateName\\\"),t=(0,o.assertNodeType)(\\\"Expression\\\"),r=function(
r,n,i){(r.computed?t:e)(r,n,i)};return
r.oneOfNodeTypes=[\\\"Expression\\\",\\\"Identifier\\\",\\\"PrivateName\\\",r]},computed:{default:!1}},process.en
v.BABEL_TYPES_8_BREAKING?{}:{optional:{validate:(0,o.assertOneOf(!0,!1),optional:!0}}}),
(0,o.default)(\\\"NewExpression\\\",{inherits:\\\"CallExpression\\\"}),
(0,o.default)(\\\"Program\\\",{visitor:[\\\"directives\\\",\\\"body
\\\"],builder:[\\\"body\\\",\\\"directives\\\",\\\"sourceType\\\",\\\"interpreter\\\"],fields:{sourceFile:{validate:(0,o.assert
ValueType)(\\\"string\\\")},sourceType:{validate:(0,o.assertOneOf(\\\"script\\\",\\\"module\\\"),default:\\\"script\\\"}
,interpreter:{validate:(0,o.assertNodeType)(\\\"InterpreterDirective\\\"),default:null,optional:!0},directives:{validate:
(0,o.chain)((0,o.assertValueType)(\\\"array\\\"),
(0,o.assertEach)((0,o.assertNodeType)(\\\"Directive\\\"))),default:[],
body:{validate:(0,o.chain)((0,o.assertValueType)(\\\"array\\\"),
(0,o.assertEach)((0,o.assertNodeType)(\\\"Statement\\
\\\"))}}},aliases:[\\\"Scopable\\\",\\\"BlockParent\\\",\\\"Block\\\"]}),
(0,o.default)(\\\"ObjectExpression\\\",{visitor:[\\\"
properties\\\"],aliases:[\\\"Expression\\\"],fields:{properties:{validate:(0,o.chain)((0,o.assertValueType)(\\\"array\\\"),
(0,o.assertEach)((0,o.assertNodeType)(\\\"ObjectMethod\\\",\\\"ObjectProperty\\\",\\\"SpreadElement\\\")))}}}),
(0,o.default)(\\\"ObjectMethod\\\",{builder:[\\\"kind\\\",\\\"key\\\",\\\"params\\\",\\\"body\\\",\\\"computed\\\",\\\"generator
\\\",\\\"async\\\"],fields:Object.assign({p,u,{kind:Object.assign({validate:(0,o.assertOneOf(\\\"method\\\",\\\"get\\
\\\",\\\"set\\\"))},process.env.BABEL_TYPES_8_BREAKING?{}:{default:\\\"method\\\"}),computed:{default:!1},key:
{validate:function(){const

```



```

e=(0,o.assertNodeType)(\\"Identifier\\",\\"StringLiteral\\",\\"NumericLiteral\\"),t=(0,o.assertNodeType)(\\"Expression\\",r=function(r,n,i){(r.computed?t:e)(r,n,i)};return
r.oneOfNodeTypes=[\\"Expression\\",\\"Identifier\\",\\"StringLiteral\\",\\"NumericLiteral\\",r]),decorators:{
validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assertNodeType)(\\"Decorator\\"))),o
ptional:!0},body:{validate:(0,o.assertNodeType)(\\"BlockStatement\\")},visitor:[\\"key\\",\\"params\\",\\"body
\\",\\"decorators\\",\\"returnType\\",\\"typeParameters\\",aliases:[\\"UserWhitespacable\\",\\"Function\\",\\"S
copable\\",\\"BlockParent\\",\\"FunctionParent\\",\\"Method\\",\\"ObjectMember\\"]),(0,o.default)(\\"ObjectP
roperty\\",{builder:[\\"key\\",\\"value\\",\\"computed\\",\\"shorthand\\",...process.env.BABEL_TYPES_8_BRE
AKING?[\\":[\\"decorators\\"]],fields:{computed:{default:!1},key:{validate:function(){const
e=(0,o.assertNodeType)(\\"Identifier\\",\\"StringLiteral\\",\\"NumericLiteral\\"),t=(0,o.assertNodeType)(\\"Exp
ression\\",r=function(r,n,i){(r.computed?t:e)(r,n,i)};return
r.oneOfNodeTypes=[\\"Expression\\",\\"Identifier\\",\\"StringLiteral\\",\\"NumericLiteral\\",r]),value:{valid
ate:(0,o.assertNodeType)(\\"Expression\\",\\"PatternLike\\"),shorthand:{validate:(0,o.chain)((0,o.assertValueTyp
e)(\\"boolean\\"),Object.assign((function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&&e.compute
d)throw new TypeError(\\"Property shorthand of ObjectProperty cannot be true if computed is
true\\"))},{type:\\":\\"boolean\\"}),(function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&&!0,n.defa
ult)(\\"Identifier\\",e.key))throw new TypeError(\\"Property shorthand of ObjectProperty cannot be true if key is
not an
Identifier\\"))}),default:!1},decorators:{validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,
o.assertNodeType)(\\"Decorator\\"))),optional:!0},visitor:[\\"key\\",\\"value\\",\\"decorators\\",aliases:[\\"Use
rWhitespacable\\",\\"Property\\",\\"ObjectMember\\"],validate:function(){const
e=(0,o.assertNodeType)(\\"Identifier\\",\\"PatternLike\\"),t=(0,o.assertNodeType)(\\"Expression\\");return
function(r,i,s){if(!process.env.BABEL_TYPES_8_BREAKING)return;(0,n.default)(\\"ObjectPattern\\",r)?e:t(s,\\
"value\\",s.value)})),(0,o.default)(\\"RestElement\\",{visitor:[\\"argument\\",\\"typeAnnotation\\"],builder:[\\
"argument\\",aliases:[\\"LVal\\",\\"PatternLike\\"],deprecatedAlias:\\":\\"RestProperty\\"},fields:Object.assign({,h,
{argument:{validate:process.env.BABEL_TYPES_8_BREAKING?(0,o.assertNodeType)(\\"Identifier\\",\\"Patter
n\\",\\"MemberExpression\\"):0,o.assertNodeType)(\\"LVal\\")}}),validate(e,t){if(!process.env.BABEL_TYPES
_8_BREAKING)return;const r=/((\\w+))\\[\\(\\d+\\)]\\.exec(t);if(!r)throw new Error(\\"Internal Babel error:
malformed key.\\");const[,n,i]=r;if(e[n].length>i+1)throw new TypeError(\\"RestElement must be last element of
\\"+n)})),(0,o.default)(\\"ReturnStatement\\",{visitor:[\\"argument\\",aliases:[\\"Statement\\",\\"Terminatorless
\\",\\"CompletionStatement\\"],fields:{argument:{validate:(0,o.assertNodeType)(\\"Expression\\"),optional:!0}}
),(0,o.default)(\\"SequenceExpression\\",{visitor:[\\"expressions\\"],fields:{expressions:{validate:(0,o.chain)((0,o.
assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assertNodeType)(\\"Expression\\"))}}},aliases:[\\"Expression\\
\\"]),(0,o.default)(\\"ParenthesizedExpression\\",{visitor:[\\"expression\\"],aliases:[\\"Expression\\",\\"Expressi
onWrapper\\"],fields:{expression:{validate:(0,o.assertNodeType)(\\"Expression\\")}},(0,o.default)(\\"SwitchCa
se\\",{visitor:[\\"test\\",\\"consequent\\"],fields:{test:{validate:(0,o.assertNodeType)(\\"Expression\\"),optional:
!0},consequent:{validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assertNodeType)(\\"St
atement\\"))}})),(0,o.default)(\\"SwitchStatement\\",{visitor:[\\"discriminant\\",\\"cases\\",aliases:[\\"Stateme
nt\\",\\"BlockParent\\",\\"Scopable\\"],fields:{discriminant:{validate:(0,o.assertNodeType)(\\"Expression\\"),ca
ses:{validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assertNodeType)(\\"SwitchCase\\
\\"))}})),(0,o.default)(\\"ThisExpression\\",{aliases:[\\"Expression\\"]}),0,o.default)(\\"ThrowStatement\\",{visi
tor:[\\"argument\\",aliases:[\\"Statement\\",\\"Terminatorless\\",\\"CompletionStatement\\"],fields:{argument:{
validate:(0,o.assertNodeType)(\\"Expression\\")}},(0,o.default)(\\"TryStatement\\",{visitor:[\\"block\\",\\"han
dler\\",\\"finalizer\\"],aliases:[\\"Statement\\"],fields:{block:{validate:(0,o.chain)((0,o.assertNodeType)(\\"Block
Statement\\"),Object.assign((function(e){if(process.env.BABEL_TYPES_8_BREAKING&&&!e.handler&&!e finali
zer)throw new TypeError(\\"TryStatement expects either a handler or finalizer, or
both\\"))},{oneOfNodeTypes:[\\"BlockStatement\\"]}}),handler:{optional:!0,validate:(0,o.assertNodeType)(\\"C
atchClause\\"),finalizer:{optional:!0,validate:(0,o.assertNodeType)(\\"BlockStatement\\")}})),(0,o.default)(\\"U

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naryExpression\\", {builder:[\\"operator\\",\\"argument\\",\\"prefix\\"],fields: {prefix: { default:!0},argument: { validate:(0,o.o.assertNodeType)(\\"Expression\\")},operator: { validate:(0,o.o.assertOneOf)(...a.UNARY_OPERATORS)}},visitor:[\\"argument\\"],aliases:[\\"UnaryLike\\",\\"Expression\\" ]}), (0,o.o.default)(\\"UpdateExpression\\", {builder:[\\"operator\\",\\"argument\\",\\"prefix\\"],fields: {prefix: { default:!1},argument: { validate:process.env.BABEL_TYPES_8_BREAKING?(0,o.o.assertNodeType)(\\"Identifier\\",\\"MemberExpression\\"):(0,o.o.assertNodeType)(\\"Expression\\")},operator: { validate:(0,o.o.assertOneOf)(...a.UPDATE_OPERATORS)}},visitor:[\\"argument\\"],aliases:[\\"Expression\\" ]}), (0,o.o.default)(\\"VariableDeclaration\\", {builder:[\\"kind\\",\\"declarations\\"],visitor:[\\"declarations\\"],aliases:[\\"Statement\\",\\"Declaration\\"],fields: { declare: { validate:(0,o.o.assertValueType)(\\"boolean\\")},optional:!0,kind: { validate:(0,o.o.assertOneOf)(\\"var\\",\\"let\\",\\"const\\")},declarations: { validate:(0,o.o.chain)((0,o.o.assertValueType)(\\"array\\"),(0,o.o.assertEach)((0,o.o.assertNodeType)(\\"VariableDeclarator\\"))}}}, validate:(e,t,r) { if(process.env.BABEL_TYPES_8_BREAKING&&(0,n.default)(\\"ForXStatement\\",e, {left:r})&&! ==r.declarations.length)throw new TypeError(\\"Exactly one VariableDeclarator is required in the VariableDeclaration of a \\"+e.type)}},(0,o.o.default)(\\"VariableDeclarator\\", { visitor:[\\"id\\",\\"init\\"],fields: { id: { validate:function() { if(!process.env.BABEL_TYPES_8_BREAKING)return(0,o.o.assertNodeType)(\\"LVal\\");const e=(0,o.o.assertNodeType)(\\"Identifier\\",\\"ArrayPattern\\",\\"ObjectPattern\\"),t=(0,o.o.assertNodeType)(\\"Identifier\\");return function(r,n,i) { (r.init?e:t)(r,n,i)}},definite: { optional:!0,validate:(0,o.o.assertValueType)(\\"boolean\\")},init: { optional:!0,validate:(0,o.o.assertNodeType)(\\"Expression\\")}}},(0,o.o.default)(\\"WhileStatement\\", { visitor:[\\"test\\",\\"body\\"],aliases:[\\"Statement\\",\\"BlockParent\\",\\"Loop\\",\\"While\\",\\"Scopable\\"],fields: { test: { validate:(0,o.o.assertNodeType)(\\"Expression\\")},body: { validate:(0,o.o.assertNodeType)(\\"Statement\\")}}},(0,o.o.default)(\\"WithStatement\\", { visitor:[\\"object\\",\\"body\\"],aliases:[\\"Statement\\"],fields: { object: { validate:(0,o.o.assertNodeType)(\\"Expression\\")},body: { validate:(0,o.o.assertNodeType)(\\"Statement\\")}}},(0,o.o.default)(\\"AssignmentPattern\\", { visitor:[\\"left\\",\\"right\\",\\"decorators\\"],builder:[\\"left\\",\\"right\\"],aliases:[\\"Pattern\\",\\"PatternLike\\",\\"LVal\\"],fields: {Object.assign({h, {left: { validate:(0,o.o.assertNodeType)(\\"Identifier\\",\\"ObjectPattern\\",\\"ArrayPattern\\",\\"MemberExpression\\")},right: { validate:(0,o.o.assertNodeType)(\\"Expression\\")},decorators: { validate:(0,o.o.chain)((0,o.o.assertValueType)(\\"array\\"),(0,o.o.assertEach)((0,o.o.assertNodeType)(\\"Decorator\\"))},optional:!0}}},(0,o.o.default)(\\"ArrayPattern\\", { visitor:[\\"elements\\",\\"typeAnnotation\\"],builder:[\\"elements\\"],aliases:[\\"Pattern\\",\\"PatternLike\\",\\"LVal\\"],fields: {Object.assign({h, {elements: { validate:(0,o.o.chain)((0,o.o.assertValueType)(\\"array\\"),(0,o.o.assertEach)((0,o.o.assertNodeOrValueType)(\\"null\\",\\"PatternLike\\"))},decorators: { validate:(0,o.o.chain)((0,o.o.assertValueType)(\\"array\\"),(0,o.o.assertEach)((0,o.o.assertNodeType)(\\"Decorator\\"))},optional:!0}}},(0,o.o.default)(\\"ArrowFunctionExpression\\", {builder:[\\"params\\",\\"body\\",\\"async\\"],visitor:[\\"params\\",\\"body\\",\\"returnType\\",\\"typeParameters\\"],aliases:[\\"Scopable\\",\\"Function\\",\\"BlockParent\\",\\"FunctionParent\\",\\"Expression\\",\\"Pureish\\"],fields: {Object.assign({p,u, {expression: { validate:(0,o.o.assertValueType)(\\"boolean\\")},body: { validate:(0,o.o.assertNodeType)(\\"BlockStatement\\",\\"Expression\\")}}},(0,o.o.default)(\\"ClassBody\\", { visitor:[\\"body\\"],fields: { body: { validate:(0,o.o.chain)((0,o.o.assertValueType)(\\"array\\"),(0,o.o.assertEach)((0,o.o.assertNodeType)(\\"ClassMethod\\",\\"ClassPrivateMethod\\",\\"ClassProperty\\",\\"ClassPrivateProperty\\",\\"TSDeclareMethod\\",\\"TSIndexSignature\\"))}}},(0,o.o.default)(\\"ClassExpression\\", {builder:[\\"id\\",\\"superClass\\",\\"body\\",\\"decorators\\"],visitor:[\\"id\\",\\"body\\",\\"superClass\\",\\"mixins\\",\\"typeParameters\\",\\"superTypeParameters\\",\\"implements\\",\\"decorators\\"],aliases:[\\"Scopable\\",\\"Class\\",\\"Expression\\"],fields: { id: { validate:(0,o.o.assertNodeType)(\\"Identifier\\")},optional:!0,typeParameters: { validate:(0,o.o.assertNodeType)(\\"TypeParameterDeclaration\\",\\"TSTypeParameterDeclaration\\",\\"Noop\\"),optional:!0},body: { validate:(0,o.o.assertNodeType)(\\"ClassBody\\")},superClass: { optional:!0,validate:(0,o.o.assertNodeType)(\\"Expression\\")},superTypeParameters: { validate:(0,o.o.assertNodeType)(\\"TypeParameterInstantiation\\",\\"TSTypeParameterInstantiation\\"),optional:!0},implements: { validate:(0,o.o.chain)((0,o.o.assertValueType)(\\"array\\"),(0,o.o.assertEach)((0,o.o.assertNodeType)(\\"TSExpressionWithTypeArguments\\",\\"ClassImplements\\"))},optional:!0,decorators: { validate:(0,o.o.chain)((0,o.o.assertValueType)(\\"array\\"),(0,o.o.assertEach)((0,o.o.assertNodeType)(\\"Decorator\\"))},optional:!0,mixins: { validate:(0,o.o.assert

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NodeType)(\\"InterfaceExtends\\"),optional:!0})),(0,o.default)(\\"ClassDeclaration\\",{inherits:\\\"ClassExpressi
on\\",aliases:[\\"Scopable\\",\\"Class\\",\\"Statement\\",\\"Declaration\\"],fields:{id:{validate:(0,o.assertNodeT
ype)(\\"Identifier\\"),typeParameters:{validate:(0,o.assertNodeType)(\\"TypeParameterDeclaration\\",\\"TSType
ParameterDeclaration\\",\\"Noop\\"),optional:!0},body:{validate:(0,o.assertNodeType)(\\"ClassBody\\"),superC
lass:{optional:!0,validate:(0,o.assertNodeType)(\\"Expression\\"),superTypeParameters:{validate:(0,o.assertNode
Type)(\\"TypeParameterInstantiation\\",\\"TSTypeParameterInstantiation\\"),optional:!0},implements:{validate:(0
,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assertNodeType)(\\"TSExpressionWithTypeArg
uments\\",\\"ClassImplements\\"))),optional:!0},decorators:{validate:(0,o.chain)((0,o.assertValueType)(\\"array\\
\\"),(0,o.assertEach)((0,o.assertNodeType)(\\"Decorator\\"))),optional:!0},mixins:{validate:(0,o.assertNodeType)(\\"
InterfaceExtends\\"),optional:!0},declare:{validate:(0,o.assertValueType)(\\"boolean\\"),optional:!0},abstract:{vali
date:(0,o.assertValueType)(\\"boolean\\"),optional:!0}},validate:function(){const
e=(0,o.assertNodeType)(\\"Identifier\\"),return
function(t,r,i){process.env.BABEL_TYPES_8_BREAKING&&((0,n.default)(\\"ExportDefaultDeclaration\\",t)|e(i
,\\\"id\\\",i.id))})),(0,o.default)(\\"ExportAllDeclaration\\",{visitor:[\\"source\\"],aliases:[\\"Statement\\",\\"D
eclaration\\",\\"ModuleDeclaration\\",\\"ExportDeclaration\\"],fields:{source:{validate:(0,o.assertNodeType)(\\"
StringLiteral\\"),assertions:{optional:!0,validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertNodeTy
pe)(\\"ImportAttribute\\"))}}}),e=(0,o.default)(\\"ExportDefaultDeclaration\\",{visitor:[\\"declaration\\"],aliases:[\\
\\"Statement\\",\\"Declaration\\",\\"ModuleDeclaration\\",\\"ExportDeclaration\\"],fields:{declaration:{validate:(0
,o.assertNodeType)(\\"FunctionDeclaration\\",\\"TSDeclareFunction\\",\\"ClassDeclaration\\",\\"Expression\\")
}}}),e=(0,o.default)(\\"ExportNamedDeclaration\\",{visitor:[\\"declaration\\",\\"specifiers\\",\\"source\\"],aliases:[
\\"Statement\\",\\"Declaration\\",\\"ModuleDeclaration\\",\\"ExportDeclaration\\"],fields:{declaration:{optional
:!0,validate:(0,o.chain)((0,o.assertNodeType)(\\"Declaration\\"),Object.assign((function(e,t,r){if(process.env.BAB
EL_TYPES_8_BREAKING&&e.specifiers.length)throw new TypeError(\\\"Only declaration or specifiers is
allowed on
ExportNamedDeclaration\\")}),{oneOfNodeTypes:[\\"Declaration\\"]}),e=(0,o.default)(\\"ExportNamedDeclaration\\",{
source:throw new TypeError(\\\"Cannot export a declaration from a
source\\")}}}),assertions:{optional:!0,validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertNodeTy
pe)(\\"ImportAttribute\\"))},specifiers:{default:[],validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEa
ch)(function(){const
e=(0,o.assertNodeType)(\\"ExportSpecifier\\",\\"ExportDefaultSpecifier\\",\\"ExportNamespaceSpecifier\\"),t=(
0,o.assertNodeType)(\\"ExportSpecifier\\"),return
process.env.BABEL_TYPES_8_BREAKING?function(r,n,i){(r.source?e:t)(r,n,i)}:e})),source:{validate:(0,asse
rtNodeType)(\\"StringLiteral\\"),optional:!0},exportKind:(0,o.validateOptional)((0,o.assertOneOf)(\\"type\\",\\"v
alue\\"))}),e=(0,o.default)(\\"ExportSpecifier\\",{visitor:[\\"local\\",\\"exported\\"],aliases:[\\"ModuleSpecifier\\
\\"],fields:{local:{validate:(0,o.assertNodeType)(\\"Identifier\\"),exported:{validate:(0,o.assertNodeType)(\\"Identi
fier\\",\\"StringLiteral\\"))}}}),e=(0,o.default)(\\"ForOfStatement\\",{visitor:[\\"left\\",\\"right\\",\\"body\\"],build
er:[\\"left\\",\\"right\\",\\"body\\",\\"await\\"],aliases:[\\"Scopable\\",\\"Statement\\",\\"For\\",\\"BlockParent
\\",\\"Loop\\",\\"ForXStatement\\"],fields:{left:{validate:function(){if(!process.env.BABEL_TYPES_8_BREAKI
NG)return(0,o.assertNodeType)(\\"VariableDeclaration\\",\\"LVal\\"),const
e=(0,o.assertNodeType)(\\"VariableDeclaration\\"),t=(0,o.assertNodeType)(\\"Identifier\\",\\"MemberExpression
\\",\\"ArrayPattern\\",\\"ObjectPattern\\"),return
function(r,i,s){(0,n.default)(\\"VariableDeclaration\\",s)?e(r,i,s):t(r,i,s)}},right:{validate:(0,o.assertNodeType)(\\
\\"Expression\\"),body:{validate:(0,o.assertNodeType)(\\"Statement\\"),await:{default:!1}}}),e=(0,o.default)(\\"Im
portDeclaration\\",{visitor:[\\"specifiers\\",\\"source\\"],aliases:[\\"Statement\\",\\"Declaration\\",\\"ModuleDe
claration\\"],fields:{assertions:{optional:!0,validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertNode
Type)(\\"ImportAttribute\\"))},specifiers:{validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)(
0,o.assertNodeType)(\\"ImportSpecifier\\",\\"ImportDefaultSpecifier\\",\\"ImportNamespaceSpecifier\\"))},sou
rce:{validate:(0,o.assertNodeType)(\\"StringLiteral\\"),importKind:{validate:(0,o.assertOneOf)(\\"type\\",\\"typ

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eof\\",\\\\"value\\\\"),optional:!0}})),(0,o.default)(\\\\"ImportDefaultSpecifier\\\\",{visitor:[\\\\"local\\\\"],aliases:[\\\\"ModuleSpecifier\\\\"],fields:{local:{validate:(0,o.assertNodeType)(\\\\"Identifier\\\\")}}}),
(0,o.default)(\\\\"ImportNamespaceSpecifier\\\\",{visitor:[\\\\"local\\\\"],aliases:[\\\\"ModuleSpecifier\\\\"],fields:{local:{validate:(0,o.assertNodeType)(\\\\"Identifier\\\\")}}}),
(0,o.default)(\\\\"ImportSpecifier\\\\",{visitor:[\\\\"local\\\\"],aliases:[\\\\"ModuleSpecifier\\\\"],fields:{local:{validate:(0,o.assertNodeType)(\\\\"Identifier\\\\"),imported:{validate:(0,o.assertNodeType)(\\\\"Identifier\\\\"),\\\\"StringLiteral\\\\"}},importKind:{validate:(0,o.assertOneOf)(\\\\"type\\\\"),optional:!0}}}),
(0,o.default)(\\\\"MetaProperty\\\\",{visitor:[\\\\"meta\\\\"],aliases:[\\\\"Expression\\\\"],fields:{meta:{validate:(0,o.chain)((0,o.assertNodeType)(\\\\"Identifier\\\\"),Object.assign((function(e,t,r){if(!process.env.BABEL_TYPES_8_BREAKING)return;let
i;switch(r.name){case\\\\"function\\\\":i=\\\\"sent\\\\";break;case\\\\"new\\\\":i=\\\\"target\\\\";break;case\\\\"import\\\\":i=\\\\"meta\\\\"}if(!(0,n.default)(\\\\"Identifier\\\\"),e.property,{name:i}))throw new TypeError(\\\\"Unrecognised MetaProperty\\\\"))},{oneOfNodeTypes:[\\\\"Identifier\\\\"]})),property:{validate:(0,o.assertNodeType)(\\\\"Identifier\\\\")}}});const
f={abstract:{validate:(0,o.assertValueType)(\\\\"boolean\\\\"),optional:!0},accessibility:{validate:(0,o.assertOneOf)(\\\\"public\\\\"),\\\\"private\\\\"),\\\\"protected\\\\"),optional:!0},static:{default:!1},computed:{default:!1},optional:{validate:(0,o.assertValueType)(\\\\"boolean\\\\"),optional:!0},key:{validate:(0,o.chain)(function(){const
e=(0,o.assertNodeType)(\\\\"Identifier\\\\"),\\\\"StringLiteral\\\\"),\\\\"NumericLiteral\\\\"),t=(0,o.assertNodeType)(\\\\"Expression\\\\"));return
function(r,n,i){(r.computed?t:e)(r,n,i)}},(0,o.assertNodeType)(\\\\"Identifier\\\\"),\\\\"StringLiteral\\\\"),\\\\"NumericLiteral\\\\"),\\\\"Expression\\\\"))}};t.classMethodOrPropertyCommon=f;const
m=Object.assign({,p,f,{kind:{validate:(0,o.assertOneOf)(\\\\"get\\\\"),\\\\"set\\\\"),\\\\"method\\\\"),\\\\"constructor\\\\"),default:\\\\"method\\\\"},access:{validate:(0,o.chain)((0,o.assertValueType)(\\\\"string\\\\"),\\\\"public\\\\"),\\\\"private\\\\"),\\\\"protected\\\\"),optional:!0},decorators:{validate:(0,o.chain)((0,o.assertValueType)(\\\\"array\\\\"),\\\\"ObjectAssertEach\\\\"((0,o.assertNodeType)(\\\\"Decorator\\\\"))),optional:!0}});t.classMethodOrDeclareMethodCommon=m,(0,o.default)(\\\\"ClassMethod\\\\",{aliases:[\\\\"Function\\\\"),\\\\"Scopable\\\\"),\\\\"BlockParent\\\\"),\\\\"FunctionParent\\\\"),\\\\"Method\\\\"],builder:[\\\\"kind\\\\"),\\\\"key\\\\"),\\\\"params\\\\"),\\\\"body\\\\"),\\\\"computed\\\\"),\\\\"static\\\\"),\\\\"generator\\\\"),\\\\"async\\\\"],visitor:[\\\\"key\\\\"),\\\\"params\\\\"),\\\\"body\\\\"),\\\\"decorators\\\\"),\\\\"returnType\\\\"),\\\\"typeParameters\\\\"],fields:Object.assign({,m,u,{body:{validate:(0,o.assertNodeType)(\\\\"BlockStatement\\\\")}}}),
(0,o.default)(\\\\"ObjectPattern\\\\",{visitor:[\\\\"properties\\\\"),\\\\"typeAnnotation\\\\"),\\\\"decorators\\\\"],builder:[\\\\"properties\\\\"],aliases:[\\\\"PatternLike\\\\"),\\\\"PatternLike\\\\"),\\\\"LVal\\\\"],fields:Object.assign({,h,{properties:{validate:(0,o.chain)((0,o.assertValueType)(\\\\"array\\\\"),\\\\"ObjectAssertEach\\\\"((0,o.assertNodeType)(\\\\"RestElement\\\\"),\\\\"ObjectProperty\\\\"))}}}),
(0,o.default)(\\\\"SpreadElement\\\\",{visitor:[\\\\"argument\\\\"],aliases:[\\\\"UnaryLike\\\\"],deprecatedAlias:\\\\"SpreadProperty\\\\"],fields:{argument:{validate:(0,o.assertNodeType)(\\\\"Expression\\\\")}}}),
(0,o.default)(\\\\"Super\\\\",{aliases:[\\\\"Expression\\\\"]}),
(0,o.default)(\\\\"TaggedTemplateExpression\\\\",{visitor:[\\\\"tag\\\\"),\\\\"quasi\\\\"],aliases:[\\\\"Expression\\\\"],fields:{tag:{validate:(0,o.assertNodeType)(\\\\"Expression\\\\"}),quasi:{validate:(0,o.assertNodeType)(\\\\"TemplateLiteral\\\\")},typeParameters:{validate:(0,o.assertNodeType)(\\\\"TypeParameterInstantiation\\\\"),\\\\"TSTypeParameterInstantiation\\\\"),optional:!0}}}),
(0,o.default)(\\\\"TemplateElement\\\\",{builder:[\\\\"value\\\\"),\\\\"tail\\\\"],fields:{value:{validate:(0,o.assertShape)({raw:{validate:(0,o.assertValueType)(\\\\"string\\\\"}),cooked:{validate:(0,o.assertValueType)(\\\\"string\\\\"),optional:!0}}}),tail:{default:!1}}}),
(0,o.default)(\\\\"TemplateLiteral\\\\",{visitor:[\\\\"quasis\\\\"),\\\\"expressions\\\\"],aliases:[\\\\"Expression\\\\"),\\\\"Literal\\\\"],fields:{quasis:{validate:(0,o.chain)((0,o.assertValueType)(\\\\"array\\\\"),\\\\"ObjectAssertEach\\\\"((0,o.assertNodeType)(\\\\"TemplateElement\\\\"))),expressions:{validate:(0,o.chain)((0,o.assertValueType)(\\\\"array\\\\"),\\\\"ObjectAssertEach\\\\"((0,o.assertNodeType)(\\\\"Expression\\\\"),\\\\"TSType\\\\"))},(function(e,t,r){if(e.quasis.length!=r.length+1)throw new TypeError(`Number of ${e.type} quasis should be exactly one more than the number of expressions.\\n\\nExpected ${r.length+1} quasis but got ${e.quasis.length}`)}}}),
(0,o.default)(\\\\"YieldExpression\\\\",{builder:[\\\\"argument\\\\"),\\\\"delegate\\\\"],visitor:[\\\\"argument\\\\"],aliases:[\\\\"Expression\\\\"),\\\\"Terminatorless\\\\"],fields:{delegate:{validate:(0,o.chain)((0,o.assertValueType)(\\\\"boolean\\\\"),Object.assign((function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&&&&&e.argument)throw new TypeError(\\\\"Property delegate of YieldExpression cannot be true if there is no

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argument\\\")), { type: \\\\\"boolean\\\\" }, default: !1 }, argument: { optional: !0, validate: (0, o.assertNodeType)(\\\\"Expression\\\\")) }, (0, o.default)(\\\\"AwaitExpression\\\\"), { builder: [\\\\"argument\\\\"], visitor: [\\\\"argument\\\\"], aliases: [\\\\"Expression\\\\"], \\\\"Terminatorless\\\\"}, fields: { argument: { validate: (0, o.assertNodeType)(\\\\"Expression\\\\")) }, (0, o.default)(\\\\"Import\\\\"), { aliases: [\\\\"Expression\\\\"] }, (0, o.default)(\\\\"BigIntLiteral\\\\"), { builder: [\\\\"value\\\\"], fields: { value: { validate: (0, o.assertValueType)(\\\\"string\\\\")) }, aliases: [\\\\"Expression\\\\"], \\\\"Pureish\\\\"], \\\\"Literal\\\\"], \\\\"Immutable\\\\"}}, (0, o.default)(\\\\"ExportNamespaceSpecifier\\\\"), { visitor: [\\\\"exported\\\\"], aliases: [\\\\"ModuleSpecifier\\\\"], fields: { exported: { validate: (0, o.assertNodeType)(\\\\"Identifier\\\\")) }, (0, o.default)(\\\\"OptionalMemberExpression\\\\"), { builder: [\\\\"object\\\\"], \\\\"property\\\\"], \\\\"computed\\\\"], visitor: [\\\\"object\\\\"], \\\\"property\\\\"], aliases: [\\\\"Expression\\\\"], fields: { object: { validate: (0, o.assertNodeType)(\\\\"Expression\\\\")) }, property: { validate: function() { const t=e(0, o.assertNodeType)(\\\\"Identifier\\\\"), t=(0, o.assertNodeType)(\\\\"Expression\\\\"), r=function(r, n, i) { (r.computed?t:e)(r, n, i); return r.oneOfNodeTypes=[\\\\"Expression\\\\"], \\\\"Identifier\\\\"], r() }, computed: { default: !1 }, optional: { validate: process.env.BABEL_TYPES_8_BREAKING?(0, o.chain)((0, o.assertValueType)(\\\\"boolean\\\\")), (0, o.assertOptionalChainStart)((0, o.assertValueType)(\\\\"boolean\\\\")) }, (0, o.default)(\\\\"OptionalCallExpression\\\\"), { visitor: [\\\\"callee\\\\"], \\\\"arguments\\\\"], \\\\"typeParameters\\\\"], builder: [\\\\"callee\\\\"], \\\\"arguments\\\\"], \\\\"optional\\\\"], aliases: [\\\\"Expression\\\\"], fields: { callee: { validate: (0, o.assertNodeType)(\\\\"Expression\\\\")) }, arguments: { validate: (0, o.chain)((0, o.assertValueType)(\\\\"array\\\\")), (0, o.assertEach)((0, o.assertNodeType)(\\\\"Expression\\\\"], \\\\"SpreadElement\\\\"], \\\\"JSXNamespacedName\\\\")) }, optional: { validate: process.env.BABEL_TYPES_8_BREAKING?(0, o.chain)((0, o.assertValueType)(\\\\"boolean\\\\")), (0, o.assertOptionalChainStart)((0, o.assertValueType)(\\\\"boolean\\\\")) }, typeArguments: { validate: (0, o.assertNodeType)(\\\\"TypeParameterInstantiation\\\\"), optional: !0 }, typeParameters: { validate: (0, o.assertNodeType)(\\\\"TSTypeParameterInstantiation\\\\"), optional: !0 } } } }, function(e, t, r) { \\\\"use strict\\\\"; Object.defineProperty(t, \\\\"__esModule\\\\"), { value: !0 }, t.default=function(e, t) { if(e===t) return !0; if(n.ALIAS_KEYS[t]) return !1; const r=n.FLIPPED_ALIAS_KEYS[t]; if(r) { if(r[0]===e) return !0; for(const t of r) if(e===t) return !0 } return !1 }; var n=r(5), function(e, t, r) { \\\\"use strict\\\\"; Object.defineProperty(t, \\\\"__esModule\\\\"), { value: !0 }, t.default=function(e, t, r) { if(!e) return; const a=n.NODE_FIELDS[e.type]; if(!a) return; const o=a[t]; i(e, t, r, o), s(e, t, r), t.validateField=i, t.validateChild=s; var n=r(5); function i(e, t, r, n) { (null===n?void 0:n.validate)&&(n.optional&&null===r||n.validate(e, t, r)) } function s(e, t, r) { if(null===r) return; const i=n.NODE_PARENT_VALIDATIONS[r.type]; i&&i(e, t, r) }, function(e, t, r) { \\\\"use strict\\\\"; Object.defineProperty(t, \\\\"__esModule\\\\"), { value: !0 }, t.default=function(e, t, r) { t&&r&&(t[e]=Array.from(new Set([].concat(t[e], r[e]).filter(Boolean)))) }, function(e, t, r) { \\\\"use strict\\\\"; Object.defineProperty(t, \\\\"__esModule\\\\"), { value: !0 }, t.default=function(e, t) { const r=Object.keys(t); for(const n of r) if(e[n]!==t[n]) return !1; return !0 } }, function(e, t, r) { \\\\"use strict\\\\"; Object.defineProperty(t, \\\\"__esModule\\\\"), { value: !0 }, t.classMethodOrDeclareMethodCommon=t.classMethodOrPropertyCommon=t.patternLikeCommon=t.functionDeclarationCommon=t.functionTypeAnnotationCommon=t.functionCommon=void 0; var n=r(36), i=r(24), s=r(19), a=r(15), o=r(10); (0, o.default)(\\\\"ArrayExpression\\\\"), { fields: { elements: { validate: (0, o.chain)((0, o.assertValueType)(\\\\"array\\\\")), (0, o.assertEach)((0, o.assertNodeOrValueType)(\\\\"null\\\\"], \\\\"Expression\\\\"], \\\\"SpreadElement\\\\")) }, default: process.env.BABEL_TYPES_8_BREAKING?void 0:[] } }, visitor: [\\\\"elements\\\\"], aliases: [\\\\"Expression\\\\"] }, (0, o.default)(\\\\"AssignmentExpression\\\\"), { fields: { operator: { validate: function() { if(!process.env.BABEL_TYPES_8_BREAKING) return (0, o.assertValueType)(\\\\"string\\\\")); const e=(0, o.assertOneOf)(...a.ASSIGNMENT_OPERATORS), t=(0, o.assertOneOf)(\\\\"=\\\\")); return function(r, i, s) { ((0, n.default)(\\\\"Pattern\\\\"], r.left)?t:e)(r, i, s) } } }, left: { validate: process.env.BABEL_TYPES_8_BREAKING?(0, o.assertNodeType)(\\\\"Identifier\\\\"], \\\\"MemberExpression\\\\"], \\\\"ArrayPattern\\\\"], \\\\"ObjectPattern\\\\")): (0, o.assertNodeType)(\\\\"LVal\\\\")) }, right: { validate: (0, o.assertNodeType)(\\\\"Expression\\\\")) }, builder: [\\\\"operator\\\\"], \\\\"left\\\\"], \\\\"right\\\\"], visitor: [\\\\"left\\\\"], \\\\"right\\\\"], aliases: [\\\\"Expression\\\\"] }, (0, o.default)(\\\\"BinaryExpression\\\\"], { builder: [\\\\"operator\\\\"], \\\\"left\\\\"], \\\\"right\\\\"], fields: { operator: { validate: (0, o.assertOneOf)(...a.BINARY_OPERATORS) }, left: { validate: function() { const

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e=(0,o.assertNodeType)(\\"Expression\\"),t=(0,o.assertNodeType)(\\"Expression\\",\\"PrivateName\\"),r=functio
n(r,n,i){(\\\\"in\\"===r.operator?t:e)(r,n,i)};return
r.oneOfNodeTypes=[\\"Expression\\",\\"PrivateName\\"],r}(),right:{validate:(0,o.assertNodeType)(\\"Expressio
n\\"}),visitor:[\\"left\\",\\"right\\"],aliases:[\\"Binary\\",\\"Expression\\"]},(0,o.default)(\\"InterpreterDirectiv
e\\"},{builder:[\\"value\\"],fields:{value:{validate:(0,o.assertValueType)(\\"string\\")}}}), (0,o.default)(\\"Directiv
e\\",{visitor:[\\"value\\"],fields:{value:{validate:(0,o.assertNodeType)(\\"DirectiveLiteral\\")}}}), (0,o.default)(\\"
DirectiveLiteral\\",{builder:[\\"value\\"],fields:{value:{validate:(0,o.assertValueType)(\\"string\\")}}}), (0,o.defa
ult)(\\"BlockStatement\\",{builder:[\\"body\\",\\"directives\\"],visitor:[\\"directives\\",\\"body\\"],fields:{direct
ives:{validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assertNodeType)(\\"Directive\\"
))),default:[]},body:{validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assertNodeType)(
\\"Statement\\"))}}},aliases:[\\"Scopable\\",\\"BlockParent\\",\\"Block\\",\\"Statement\\"]}), (0,o.default)(\\"Br
eakStatement\\",{visitor:[\\"label\\"],fields:{label:{validate:(0,o.assertNodeType)(\\"Identifier\\"),optional:!0}},al
iases:[\\"Statement\\",\\"Terminatorless\\",\\"CompletionStatement\\"]}), (0,o.default)(\\"CallExpression\\",{visi
tor:[\\"callee\\",\\"arguments\\",\\"typeParameters\\",\\"typeArguments\\"],builder:[\\"callee\\",\\"arguments\\
"],aliases:[\\"Expression\\"],fields:Object.assign({callee:{validate:(0,o.assertNodeType)(\\"Expression\\",\\"V8Int
insicIdentifier\\")},arguments:{validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assert
NodeType)(\\"Expression\\",\\"SpreadElement\\",\\"JSXNamespacedName\\",\\"ArgumentPlaceholder\\"))}}),p
rocess.env.BABEL_TYPES_8_BREAKING?{}:{optional:{validate:(0,o.assertOneOf)(!0,!1),optional:!0}},{typeAr
guments:{validate:(0,o.assertNodeType)(\\"TypeParameterInstantiation\\"),optional:!0},typeParameters:{validate:(
0,o.assertNodeType)(\\"TSTypeParameterInstantiation\\"),optional:!0}}}), (0,o.default)(\\"CatchClause\\",{visito
r:[\\"param\\",\\"body\\"],fields:{param:{validate:(0,o.assertNodeType)(\\"Identifier\\",\\"ArrayPattern\\",\\"Ob
jectPattern\\"),optional:!0},body:{validate:(0,o.assertNodeType)(\\"BlockStatement\\")}}},aliases:[\\"Scopable\\",
\\"BlockParent\\"]}), (0,o.default)(\\"ConditionalExpression\\",{visitor:[\\"test\\",\\"consequent\\",\\"alternate\\"
],fields:{test:{validate:(0,o.assertNodeType)(\\"Expression\\")},consequent:{validate:(0,o.assertNodeType)(\\"Exp
ression\\"),alternate:{validate:(0,o.assertNodeType)(\\"Expression\\")}},aliases:[\\"Expression\\",\\"Conditional
\\"]}), (0,o.default)(\\"ContinueStatement\\",{visitor:[\\"label\\"],fields:{label:{validate:(0,o.assertNodeType)(\\"I
dentifier\\"),optional:!0}},aliases:[\\"Statement\\",\\"Terminatorless\\",\\"CompletionStatement\\"]}), (0,o.default
)(\\"DebuggerStatement\\",{aliases:[\\"Statement\\"]}), (0,o.default)(\\"DoWhileStatement\\",{visitor:[\\"test\\"],
\\"body\\"],fields:{test:{validate:(0,o.assertNodeType)(\\"Expression\\")},body:{validate:(0,o.assertNodeType)(\\"
Statement\\")}}},aliases:[\\"Statement\\",\\"BlockParent\\",\\"Loop\\",\\"While\\",\\"Scopable\\"]}), (0,o.default
)(\\"EmptyStatement\\",{aliases:[\\"Statement\\"]}), (0,o.default)(\\"ExpressionStatement\\",{visitor:[\\"expressi
on\\"],fields:{expression:{validate:(0,o.assertNodeType)(\\"Expression\\")}},aliases:[\\"Statement\\",\\"Expressi
onWrapper\\"]}), (0,o.default)(\\"File\\",{builder:[\\"program\\",\\"comments\\",\\"tokens\\"],visitor:[\\"progra
m\\"],fields:{program:{validate:(0,o.assertNodeType)(\\"Program\\")},comments:{validate:process.env.BABEL_
TYPES_8_BREAKING?(0,o.assertEach)((0,o.assertNodeType)(\\"CommentBlock\\",\\"CommentLine\\")):Objec
t.assign(=>{}},{each:{oneOfNodeTypes:[\\"CommentBlock\\",\\"CommentLine\\"]}},optional:!0},tokens:{vali
date:(0,o.assertEach)(Object.assign(=>{}},{type:\\\\"any\\"})),optional:!0}}}), (0,o.default)(\\"ForInStatement\\",{
visitor:[\\"left\\",\\"right\\",\\"body\\"],aliases:[\\"Scopable\\",\\"Statement\\",\\"For\\",\\"BlockParent\\",\\"
Loop\\",\\"ForXStatement\\"],fields:{left:{validate:process.env.BABEL_TYPES_8_BREAKING?(0,o.assertNode
Type)(\\"VariableDeclaration\\",\\"Identifier\\",\\"MemberExpression\\",\\"ArrayPattern\\",\\"ObjectPattern\\")
:(0,o.assertNodeType)(\\"VariableDeclaration\\",\\"LVal\\"}),right:{validate:(0,o.assertNodeType)(\\"Expression\\
\\"}),body:{validate:(0,o.assertNodeType)(\\"Statement\\")}}}), (0,o.default)(\\"ForStatement\\",{visitor:[\\"init\\
\\",\\"test\\",\\"update\\",\\"body\\"],aliases:[\\"Scopable\\",\\"Statement\\",\\"For\\",\\"BlockParent\\",\\"Loo
p\\"],fields:{init:{validate:(0,o.assertNodeType)(\\"VariableDeclaration\\",\\"Expression\\"),optional:!0},test:{val
idate:(0,o.assertNodeType)(\\"Expression\\"),optional:!0},update:{validate:(0,o.assertNodeType)(\\"Expression\\"
),optional:!0},body:{validate:(0,o.assertNodeType)(\\"Statement\\")}}});const
l={params:{validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assertNodeType)(\\"Identi
fier\\",\\"Pattern\\",\\"RestElement\\",\\"TSPParameterProperty\\"))}},generator:{default:!1},async:{default:!1}};t

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.functionCommon=1;const
c={returnType:{validate:(0,o.assertNodeType)(\\"TypeAnnotation\\"),\\"TSTypeAnnotation\\"},optional:!0},typeParameters:{validate:(0,o.assertNodeType)(\\"TypeParameterDeclaration\\"),\\"TSTypeParameterDeclaration\\"},optional:!0};t.functionTypeAnnotationCommon=c;const
p=Object.assign({,1,{declare:{validate:(0,o.assertValueType)(\\"boolean\\"),optional:!0},id:{validate:(0,o.assertNodeType)(\\"Identifier\\"),optional:!0}});t.functionDeclarationCommon=p,(0,o.default)(\\"FunctionDeclaration\\",
{builder:[\\"id\\",\\"params\\",\\"body\\",\\"generator\\",\\"async\\"],visitor:[\\"id\\",\\"params\\",\\"body\\",
\\"returnType\\",\\"typeParameters\\"],fields:Object.assign({,p,c,{body:{validate:(0,o.assertNodeType)(\\"BlockStatement\\"}}),aliases:[\\"Scopable\\",\\"Function\\",\\"BlockParent\\",\\"FunctionParent\\",\\"Statement\\",
\\"Pureish\\",\\"Declaration\\"],validate:function(){if(!process.env.BABEL_TYPES_8_BREAKING)return(=>{};
const e=(0,o.assertNodeType)(\\"Identifier\\"");return
function(t,r,i){(0,n.default)(\\"ExportDefaultDeclaration\\",t)|e(i,\\"id\\",i.id)}(0)),(0,o.default)(\\"FunctionExpression\\",{inherits:\\\"FunctionDeclaration\\",aliases:[\\"Scopable\\",\\"Function\\",\\"BlockParent\\",\\"FunctionParent\\",\\"Expression\\",\\"Pureish\\"],fields:Object.assign({,l,c,{id:{validate:(0,o.assertNodeType)(\\"Identifier\\"),optional:!0},body:{validate:(0,o.assertNodeType)(\\"BlockStatement\\"}})});const
u={typeAnnotation:{validate:(0,o.assertNodeType)(\\"TypeAnnotation\\"),\\"TSTypeAnnotation\\"},optional:!0},decorators:{validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assertNodeType)(\\"Decorator\\"))));t.patternLikeCommon=u,(0,o.default)(\\"Identifier\\",{builder:[\\"name\\"],visitor:[\\"typeAnnotation\\",\\"decorators\\"],aliases:[\\"Expression\\",\\"PatternLike\\",\\"LVal\\",\\"TSEntityName\\"],fields:Object.assign({,u,{name:{validate:(0,o.chain)((0,o.assertValueType)(\\"string\\"),Object.assign((function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&!(0,i.default)(r,!1))throw new TypeError(\\\"$\\{r}\\\" is not a valid identifier name`)}),{type:\\\"string\\\"})),optional:{validate:(0,o.assertValueType)(\\"boolean\\"),optional:!0}},validate(e,t,r){if(!process.env.BABEL_TYPES_8_BREAKING)return;const
i=/\\.(\\w+)$/.exec(t);if(!i)return;const[,a]=i,o={computed:!1};if(\\\"property\\\"===a){if((0,n.default)(\\"MemberExpression\\",e,o)return;if((0,n.default)(\\"OptionalMemberExpression\\",e,o)return}else
if(\\\"key\\\"===a){if((0,n.default)(\\"Property\\",e,o)return;if((0,n.default)(\\"Method\\",e,o)return}else
if(\\\"exported\\\"===a){if((0,n.default)(\\"ExportSpecifier\\",e))return}else
if(\\\"imported\\\"===a){if((0,n.default)(\\"ImportSpecifier\\",e,{imported:r}))return}else
if(\\\"meta\\\"===a&&(0,n.default)(\\"MetaProperty\\",e,{meta:r}))return;if(((0,s.isKeyword)(r.name)|(0,s.isReservedWord)(r.name,!1))&&\\\"this\\\"!==r.name)throw new TypeError(\\\"$\\{r.name}\\\" is not a valid identifier`)}),
(0,o.default)(\\"IfStatement\\",{visitor:[\\"test\\",\\"consequent\\",\\"alternate\\"],aliases:[\\"Statement\\",\\"Conditional\\"],fields:{test:{validate:(0,o.assertNodeType)(\\"Expression\\"),consequent:{validate:(0,o.assertNodeType)(\\"Statement\\"),alternate:{optional:!0,validate:(0,o.assertNodeType)(\\"Statement\\")}}}),
(0,o.default)(\\"LabeledStatement\\",{visitor:[\\"label\\",\\"body\\"],aliases:[\\"Statement\\"],fields:{label:{validate:(0,o.assertNodeType)(\\"Identifier\\"),body:{validate:(0,o.assertNodeType)(\\"Statement\\")}}}),
(0,o.default)(\\"StringLiteral\\",{builder:[\\"value\\"],fields:{value:{validate:(0,o.assertValueType)(\\"string\\")}},aliases:[\\"Expression\\",\\"Pureish\\",\\"Literal\\",\\"Immutable\\"]}),
(0,o.default)(\\"NumericLiteral\\",{builder:[\\"value\\"],deprecatedAlias:\\\"NumberLiteral\\",fields:{value:{validate:(0,o.assertValueType)(\\"number\\")}},aliases:[\\"Expression\\",\\"Pureish\\",\\"Literal\\",\\"Immutable\\"]}),
(0,o.default)(\\"NullLiteral\\",{aliases:[\\"Expression\\",\\"Pureish\\",\\"Literal\\",\\"Immutable\\"]}),
(0,o.default)(\\"BooleanLiteral\\",{builder:[\\"value\\"],fields:{value:{validate:(0,o.assertValueType)(\\"boolean\\")}},aliases:[\\"Expression\\",\\"Pureish\\",\\"Literal\\",\\"Immutable\\"]}),
(0,o.default)(\\"RegExpLiteral\\",{builder:[\\"pattern\\",\\"flags\\",deprectedAlias:\\\"RegexLiteral\\",aliases:[\\"Expression\\",\\"Pureish\\",\\"Literal\\"],fields:{pattern:{validate:(0,o.assertValueType)(\\"string\\")},flags:{validate:(0,o.chain)((0,o.assertValueType)(\\"string\\"),Object.assign((function(e,t,r){if(!process.env.BABEL_TYPES_8_BREAKING)return;const n=/^[^gimsuy]/.exec(r);if(n)throw new TypeError(\\\"$\\{n[0]\\\" is not a valid RegExp flag`)}),{type:\\\"string\\\"})),default:\\\"\\\"})),
(0,o.default)(\\"LogicalExpression\\",{builder:[\\"operator\\",\\"l

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eft\\",\\\\"right\\\\"],visitor:\\\\"left\\\\"\\",\\\\"right\\\\"],aliases:\\\\"Binary\\\\"\\",\\\\"Expression\\\\"],fields:{operator:{validate:(
0,o.assertOneOf(...a.LOGICAL_OPERATORS)},left:{validate:(0,o.assertNodeType)(\\\\"Expression\\\\")},right:{val
idate:(0,o.assertNodeType)(\\\\"Expression\\\\")}}},(0,o.default)(\\\\"MemberExpression\\\\"",{builder:\\\\"object\\\\"\\",\\\\"
property\\\\"\\",\\\\"computed\\\\"\\",\\\\"optional\\\\"\\",visitor:\\\\"object\\\\"\\",\\\\"property\\\\"\\",aliases:\\\\"Expression\\\\"\\",\\\\"LVal\\
\\\\"],fields:Object.assign({object:{validate:(0,o.assertNodeType)(\\\\"Expression\\\\")},property:{validate:function(){c
onst
e=(0,o.assertNodeType)(\\\\"Identifier\\\\"\\",\\\\"PrivateName\\\\"),t=(0,o.assertNodeType)(\\\\"Expression\\\\"),r=function(
r,n,i){(r.computed?t:e)(r,n,i)};return
r.oneOfNodeTypes=[\\\\"Expression\\\\"\\",\\\\"Identifier\\\\"\\",\\\\"PrivateName\\\\"],r}),computed:{default:!1}},process.env
v.BABEL_TYPES_8_BREAKING?{:{optional:{validate:(0,o.assertOneOf(!0,!1),optional:!0}}}), (0,o.default)(\\\\"
NewExpression\\\\"\\",{inherits:\\\\"CallExpression\\\\"}), (0,o.default)(\\\\"Program\\\\"\\",{visitor:\\\\"directives\\\\"\\",\\\\"body
\\\\"\\",builder:\\\\"body\\\\"\\",\\\\"directives\\\\"\\",\\\\"sourceType\\\\"\\",\\\\"interpreter\\\\"\\",fields:{sourceFile:{validate:(0,o.assert
ValueType)(\\\\"string\\\\")},sourceType:{validate:(0,o.assertOneOf(\\\\"script\\\\"\\",\\\\"module\\\\"),default:\\\\"script\\\\"}
,interpreter:{validate:(0,o.assertNodeType)(\\\\"InterpreterDirective\\\\"),default:null,optional:!0},directives:{validate:
(0,o.chain)((0,o.assertValueType)(\\\\"array\\\\"), (0,o.assertEach)((0,o.assertNodeType)(\\\\"Directive\\\\"))),default:[]},
body:{validate:(0,o.chain)((0,o.assertValueType)(\\\\"array\\\\"), (0,o.assertEach)((0,o.assertNodeType)(\\\\"Statement\\
\\\\"))}}},aliases:\\\\"Scopable\\\\"\\",\\\\"BlockParent\\\\"\\",\\\\"Block\\\\"}], (0,o.default)(\\\\"ObjectExpression\\\\"\\",{visitor:\\\\"
properties\\\\"\\",aliases:\\\\"Expression\\\\"\\",fields:{properties:{validate:(0,o.chain)((0,o.assertValueType)(\\\\"array\\\\"),
(0,o.assertEach)((0,o.assertNodeType)(\\\\"ObjectMethod\\\\"\\",\\\\"ObjectProperty\\\\"\\",\\\\"SpreadElement\\\\"))}}}), (0,o.
default)(\\\\"ObjectMethod\\\\"\\",{builder:\\\\"kind\\\\"\\",\\\\"key\\\\"\\",\\\\"params\\\\"\\",\\\\"body\\\\"\\",\\\\"computed\\\\"\\",\\\\"generator
\\\\"\\",\\\\"async\\\\"\\",fields:Object.assign({l,c,{kind:Object.assign({validate:(0,o.assertOneOf(\\\\"method\\\\"\\",\\\\"get\\\\"
\\",\\\\"set\\\\"))},process.env.BABEL_TYPES_8_BREAKING?{:{default:\\\\"method\\\\"}},computed:{default:!1},key:{
validate:function(){const
e=(0,o.assertNodeType)(\\\\"Identifier\\\\"\\",\\\\"StringLiteral\\\\"\\",\\\\"NumericLiteral\\\\"),t=(0,o.assertNodeType)(\\\\"Expr
ession\\\\"),r=function(r,n,i){(r.computed?t:e)(r,n,i)};return
r.oneOfNodeTypes=[\\\\"Expression\\\\"\\",\\\\"Identifier\\\\"\\",\\\\"StringLiteral\\\\"\\",\\\\"NumericLiteral\\\\"],r}),decorators:{
validate:(0,o.chain)((0,o.assertValueType)(\\\\"array\\\\"), (0,o.assertEach)((0,o.assertNodeType)(\\\\"Decorator\\\\"))),o
ptional:!0},body:{validate:(0,o.assertNodeType)(\\\\"BlockStatement\\\\"))}},visitor:\\\\"key\\\\"\\",\\\\"params\\\\"\\",\\\\"body
\\\\"\\",\\\\"decorators\\\\"\\",\\\\"returnType\\\\"\\",\\\\"typeParameters\\\\"],aliases:\\\\"UserWhitespacable\\\\"\\",\\\\"Function\\\\"\\",\\\\"S
copable\\\\"\\",\\\\"BlockParent\\\\"\\",\\\\"FunctionParent\\\\"\\",\\\\"Method\\\\"\\",\\\\"ObjectMember\\\\"}], (0,o.default)(\\\\"ObjectP
roperty\\\\"\\",{builder:\\\\"key\\\\"\\",\\\\"value\\\\"\\",\\\\"computed\\\\"\\",\\\\"shorthand\\\\"\\",...process.env.BABEL_TYPES_8_BRE
AKING?[!:\\\\"decorators\\\\"}],fields:{computed:{default:!1},key:{validate:function(){const
e=(0,o.assertNodeType)(\\\\"Identifier\\\\"\\",\\\\"StringLiteral\\\\"\\",\\\\"NumericLiteral\\\\"),t=(0,o.assertNodeType)(\\\\"Expr
ession\\\\"),r=function(r,n,i){(r.computed?t:e)(r,n,i)};return
r.oneOfNodeTypes=[\\\\"Expression\\\\"\\",\\\\"Identifier\\\\"\\",\\\\"StringLiteral\\\\"\\",\\\\"NumericLiteral\\\\"],r}),value:{valid
ate:(0,o.assertNodeType)(\\\\"Expression\\\\"\\",\\\\"PatternLike\\\\")},shorthand:{validate:(0,o.chain)((0,o.assertValueTyp
e)(\\\\"boolean\\\\"),Object.assign((function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&&e.compu
te
d)throw new TypeError(\\\\"Property shorthand of ObjectProperty cannot be true if computed is
true\\\\"))},{type:\\\\"boolean\\\\"}),(function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&&!(0,n.defa
ult)(\\\\"Identifier\\\\"\\",e.key))throw new TypeError(\\\\"Property shorthand of ObjectProperty cannot be true if key is
not an
Identifier\\\\"))}),default:!1},decorators:{validate:(0,o.chain)((0,o.assertValueType)(\\\\"array\\\\"), (0,o.assertEach)((0,
o.assertNodeType)(\\\\"Decorator\\\\"))),optional:!0}},visitor:\\\\"key\\\\"\\",\\\\"value\\\\"\\",\\\\"decorators\\\\"],aliases:\\\\"Use
rWhitespacable\\\\"\\",\\\\"Property\\\\"\\",\\\\"ObjectMember\\\\"],validate:function(){const
e=(0,o.assertNodeType)(\\\\"Identifier\\\\"\\",\\\\"Pattern\\\\"),t=(0,o.assertNodeType)(\\\\"Expression\\\\");return
function(r,i,s){if(!process.env.BABEL_TYPES_8_BREAKING)return:(0,n.default)(\\\\"ObjectPattern\\\\"\\",r)?e:t(s,\\\\"
value\\\\"\\",s.value)}()), (0,o.default)(\\\\"RestElement\\\\"\\",{visitor:\\\\"argument\\\\"\\",\\\\"typeAnnotation\\\\"\\",builder:\\\\"
argument\\\\"\\",aliases:\\\\"LVal\\\\"\\",\\\\"PatternLike\\\\"},deprecatedAlias:\\\\"RestProperty\\\\"\\",fields:Object.assign({},u,

```



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{argument:{validate:process.env.BABEL_TYPES_8_BREAKING?(0,o.assertNodeType)(\\"Identifier\\",\\"MemberExpression\\"):
(0,o.assertNodeType)(\\"LVal\\")}},validate(e,t){if(!process.env.BABEL_TYPES_8_BREAKING)return;const r=/((w+)|(d+))/
.exec(t);if(!r)throw new Error(\\\"Internal Babel error: malformed key.\\\");const[,n,i]=r;if(e[n].length>+1)throw new TypeError(\\\"RestElement must be last element of
\\"+n)}},(0,o.default)(\\"ReturnStatement\\",{visitor:\\\"argument\\",aliases:\\\"Statement\\",\\"Terminatorless\\",\\"CompletionStatement\\",fields:{argument:{validate:(0,o.assertNodeType)(\\"Expression\\"),optional:!0}},(0,o.default)(\\"SequenceExpression\\",{visitor:\\\"expressions\\",fields:{expressions:{validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assertNodeType)(\\"Expression\\"))}},aliases:\\\"Expression\\"},(0,o.default)(\\"ParenthesizedExpression\\",{visitor:\\\"expression\\",aliases:\\\"Expression\\",\\"ExpressionWrapper\\",fields:{expression:{validate:(0,o.assertNodeType)(\\"Expression\\")}},(0,o.default)(\\"SwitchCase\\",{visitor:\\\"test\\",\\"consequent\\",fields:{test:{validate:(0,o.assertNodeType)(\\"Expression\\"),optional:!0},consequent:{validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assertNodeType)(\\"Statement\\"))}},(0,o.default)(\\"SwitchStatement\\",{visitor:\\\"discriminant\\",\\"cases\\",aliases:\\\"Statement\\",\\"BlockParent\\",\\"Scopable\\",fields:{discriminant:{validate:(0,o.assertNodeType)(\\"Expression\\")},cases:{validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assertNodeType)(\\"SwitchCase\\"))}},(0,o.default)(\\"ThisExpression\\",{aliases:\\\"Expression\\"}),(0,o.default)(\\"ThrowStatement\\",{visitor:\\\"argument\\",aliases:\\\"Statement\\",\\"Terminatorless\\",\\"CompletionStatement\\",fields:{argument:{validate:(0,o.assertNodeType)(\\"Expression\\")}},(0,o.default)(\\"TryStatement\\",{visitor:\\\"block\\",\\"handler\\",\\"finalizer\\",aliases:\\\"Statement\\",fields:{block:{validate:(0,o.chain)((0,o.assertNodeType)(\\"BlockStatement\\"),Object.assign((function(e){if(process.env.BABEL_TYPES_8_BREAKING&&!e.handler&&!e.finalizer)throw new TypeError(\\\"TryStatement expects either a handler or finalizer, or both\\\"))},{oneOfNodeTypes:\\\"BlockStatement\\"})),handler:{optional:!0,validate:(0,o.assertNodeType)(\\"CatchClause\\")},finalizer:{optional:!0,validate:(0,o.assertNodeType)(\\"BlockStatement\\")}},(0,o.default)(\\"UnaryExpression\\",{builder:\\\"operator\\",\\"argument\\",\\"prefix\\",fields:{prefix:{default:!0},argument:{validate:(0,o.assertNodeType)(\\"Expression\\")},operator:{validate:(0,o.assertOneOf(...a.UNARY_OPERATORS))},visitor:\\\"argument\\",aliases:\\\"UnaryLike\\",\\"Expression\\"}),(0,o.default)(\\"UpdateExpression\\",{builder:\\\"operator\\",\\"argument\\",\\"prefix\\",fields:{prefix:{default:!1},argument:{validate:process.env.BABEL_TYPES_8_BREAKING?(0,o.assertNodeType)(\\"Identifier\\",\\"MemberExpression\\"):
(0,o.assertNodeType)(\\"Expression\\")},operator:{validate:(0,o.assertOneOf(...a.UPDATE_OPERATORS))},visitor:\\\"argument\\",aliases:\\\"Expression\\"}),(0,o.default)(\\"VariableDeclaration\\",{builder:\\\"kind\\",\\"declarations\\",visitor:\\\"declarations\\",aliases:\\\"Statement\\",\\"Declaration\\",fields:{declare:{validate:(0,o.assertValueType)(\\"boolean\\"),optional:!0},kind:{validate:(0,o.assertOneOf(\\\"var\\\",\\\"let\\\",\\\"const\\\"))},declarations:{validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assertNodeType)(\\"VariableDeclarator\\"))}},validate(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&(0,n.default)(\\"ForXStatement\\",e,{left:r})&&!
==r.declarations.length)throw new TypeError(\\\"Exactly one VariableDeclarator is required in the VariableDeclaration of a
\\"+e.type)}},(0,o.default)(\\"VariableDeclarator\\",{visitor:\\\"id\\",\\"init\\",fields:{id:{validate:function(){if(!process.env.BABEL_TYPES_8_BREAKING)return(0,o.assertNodeType)(\\"LVal\\");const
e=(0,o.assertNodeType)(\\"Identifier\\",\\"ArrayPattern\\",\\"ObjectPattern\\"),t=(0,o.assertNodeType)(\\"Identifier\\");return
function(r,n,i){(r.init?e:t)(r,n,i)}(),definite:{optional:!0,validate:(0,o.assertValueType)(\\"boolean\\")},init:{optional:!0,validate:(0,o.assertNodeType)(\\"Expression\\")}},(0,o.default)(\\"WhileStatement\\",{visitor:\\\"test\\",\\"body\\",aliases:\\\"Statement\\",\\"BlockParent\\",\\"Loop\\",\\"While\\",\\"Scopable\\",fields:{test:{validate:(0,o.assertNodeType)(\\"Expression\\")},body:{validate:(0,o.assertNodeType)(\\"Statement\\")}},(0,o.default)(\\"WithStatement\\",{visitor:\\\"object\\",\\"body\\",aliases:\\\"Statement\\",fields:{object:{validate:(0,o.assertNodeType)(\\"Expression\\")},body:{validate:(0,o.assertNodeType)(\\"Statement\\")}},(0,o.default)(\\"AssignmentPattern\\",{visitor:\\\"left\\",\\"right\\",\\"decorators\\",builder:\\\"left\\",\\"right\\",aliases:\\\"Pattern\\",\\"PatternLike\\",\\"LVal\\",fields:Object.assign({},u,{left:{validate:(0,o.assertNodeType)(\\"Identifier\\",\\

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"ObjectPattern\\",\\"ArrayPattern\\",\\"MemberExpression\\"),right: { validate:(0,o.assertNodeType)(\\"Expressi
on\\"),decorators: { validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assertNodeType)(
\\"Decorator\\"))),optional:!0 } }),(0,o.default)(\\"ArrayPattern\\",{ visitor:[\\"elements\\",\\"typeAnnotation\\"],
builder:[\\"elements\\"],aliases:[\\"Pattern\\",\\"PatternLike\\",\\"LVal\\"],fields:Object.assign({ ,u, { elements: {
validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assertNodeOrValueType)(\\"null\\",\\"
PatternLike\\"))}),decorators: { validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assert
NodeType)(\\"Decorator\\"))),optional:!0 } }),(0,o.default)(\\"ArrowFunctionExpression\\",{ builder:[\\"params\\
\\",\\"body\\",\\"async\\"],visitor:[\\"params\\",\\"body\\",\\"returnType\\",\\"typeParameters\\"],aliases:[\\"Sc
opable\\",\\"Function\\",\\"BlockParent\\",\\"FunctionParent\\",\\"Expression\\",\\"Pureish\\"],fields:Object.as
sign({ ,l,c, { expression: { validate:(0,o.assertValueType)(\\"boolean\\"),body: { validate:(0,o.assertNodeType)(\\"Bl
ockStatement\\",\\"Expression\\")) } }),(0,o.default)(\\"ClassBody\\",{ visitor:[\\"body\\"],fields: { body: { validate:
(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assertNodeType)(\\"ClassMethod\\",\\"ClassP
rivateMethod\\",\\"ClassProperty\\",\\"ClassPrivateProperty\\",\\"TSDeclareMethod\\",\\"TSIndexSignature\\"
)) } }),(0,o.default)(\\"ClassExpression\\",{ builder:[\\"id\\",\\"superClass\\",\\"body\\",\\"decorators\\"],visitor:
[\\"id\\",\\"body\\",\\"superClass\\",\\"mixins\\",\\"typeParameters\\",\\"superTypeParameters\\",\\"implemen
ts\\",\\"decorators\\"],aliases:[\\"Scopable\\",\\"Class\\",\\"Expression\\"],fields: { id: { validate:(0,o.assertNodeT
ype)(\\"Identifier\\"),optional:!0},typeParameters: { validate:(0,o.assertNodeType)(\\"TypeParameterDeclaration\\"
,\\"TSTypeParameterDeclaration\\",\\"Noop\\"),optional:!0},body: { validate:(0,o.assertNodeType)(\\"ClassBody\\
\\"),superClass: { optional:!0,validate:(0,o.assertNodeType)(\\"Expression\\"),superTypeParameters: { validate:(0,o.
assertNodeType)(\\"TypeParameterInstantiation\\",\\"TSTypeParameterInstantiation\\"),optional:!0},implements:
{ validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assertNodeType)(\\"TSExpressionWi
thTypeArguments\\",\\"ClassImplements\\"))),optional:!0},decorators: { validate:(0,o.chain)((0,o.assertValueType)(
\\"array\\"),(0,o.assertEach)((0,o.assertNodeType)(\\"Decorator\\"))),optional:!0},mixins: { validate:(0,o.assertNod
eType)(\\"InterfaceExtends\\"),optional:!0 } }),(0,o.default)(\\"ClassDeclaration\\",{ inherits:\\\\"ClassExpression\\
\\",aliases:[\\"Scopable\\",\\"Class\\",\\"Statement\\",\\"Declaration\\"],fields: { id: { validate:(0,o.assertNodeType)(
\\"Identifier\\"),typeParameters: { validate:(0,o.assertNodeType)(\\"TypeParameterDeclaration\\",\\"TSTypePara
meterDeclaration\\",\\"Noop\\"),optional:!0},body: { validate:(0,o.assertNodeType)(\\"ClassBody\\"),superClass:
{ optional:!0,validate:(0,o.assertNodeType)(\\"Expression\\"),superTypeParameters: { validate:(0,o.assertNodeType
)(\\"TypeParameterInstantiation\\",\\"TSTypeParameterInstantiation\\"),optional:!0},implements: { validate:(0,o.ch
ain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assertNodeType)(\\"TSExpressionWithTypeArgumen
ts\\",\\"ClassImplements\\"))),optional:!0},decorators: { validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,
o.assertEach)((0,o.assertNodeType)(\\"Decorator\\"))),optional:!0},mixins: { validate:(0,o.assertNodeType)(\\"Inter
faceExtends\\"),optional:!0},declare: { validate:(0,o.assertValueType)(\\"boolean\\"),optional:!0},abstract: { validate
:(0,o.assertValueType)(\\"boolean\\"),optional:!0 } },validate:function(){ const
e=(0,o.assertNodeType)(\\"Identifier\\");return
function(t,r,i){process.env.BABEL_TYPES_8_BREAKING&&((0,n.default)(\\"ExportDefaultDeclaration\\",t)|e(i
,\\"id\\",i.id)) } }),(0,o.default)(\\"ExportAllDeclaration\\",{ visitor:[\\"source\\"],aliases:[\\"Statement\\",\\"D
eclaration\\",\\"ModuleDeclaration\\",\\"ExportDeclaration\\"],fields: { source: { validate:(0,o.assertNodeType)(\\"
StringLiteral\\"),exportKind:(0,o.validateOptional)((0,o.assertOneOf)(\\"type\\",\\"value\\")),assertions: { optiona
l:!0,validate:(0,o.chain)((0,o.assertValueType)(\\"array\\"),(0,o.assertEach)((0,o.assertNodeType)(\\"ImportAttribu
te\\")) } }),(0,o.default)(\\"ExportDefaultDeclaration\\",{ visitor:[\\"declaration\\"],aliases:[\\"Statement\\",\\"D
eclaration\\",\\"ModuleDeclaration\\",\\"ExportDeclaration\\"],fields: { declaration: { validate:(0,o.assertNodeType)
(\\"FunctionDeclaration\\",\\"TSDeclareFunction\\",\\"ClassDeclaration\\",\\"Expression\\")) } }),(0,o.default)(\\
\\"ExportNamedDeclaration\\",{ visitor:[\\"declaration\\",\\"specifiers\\",\\"source\\"],aliases:[\\"Statement\\",\\"
Declaration\\",\\"ModuleDeclaration\\",\\"ExportDeclaration\\"],fields: { declaration: { optional:!0,validate:(0,o.cha
in)((0,o.assertNodeType)(\\"Declaration\\"),Object.assign((function(e,t,r){if(process.env.BABEL_TYPES_8_BRE
AKING&&&&&e.specifiers.length)throw new TypeError(\\"Only declaration or specifiers is allowed on
ExportNamedDeclaration\\"))},{ oneOfNodeTypes:[\\"Declaration\\"]}),(function(e,t,r){if(process.env.BABEL_T

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YPER_8_BREAKING&&r&&e.source)throw new TypeError(\\\\"Cannot export a declaration from a
source\\\\"))},assertions:{optional:!0,validate:(0,o.chain)((0,o.assertValueType)(\\\\"array\\\\"),(0,o.assertEach)((0,o.
assertNodeType)(\\\\"ImportAttribute\\\\"))},specifiers:{default:[],validate:(0,o.chain)((0,o.assertValueType)(\\\\"arra
y\\\\"),(0,o.assertEach)(function(){const
e=(0,o.assertNodeType)(\\\\"ExportSpecifier\\\\",\\\\"ExportDefaultSpecifier\\\\",\\\\"ExportNamespaceSpecifier\\\\"),t=(
0,o.assertNodeType)(\\\\"ExportSpecifier\\\\");return
process.env.BABEL_TYPES_8_BREAKING?function(r,n,i){(r.source?t(r,n,i):e)}),source:{validate:(0,o.asse
rtNodeType)(\\\\"StringLiteral\\\\"),optional:!0},exportKind:(0,o.validateOptional)((0,o.assertOneOf)(\\\\"type\\\\",\\\\"v
alue\\\\"))},(0,o.default)(\\\\"ExportSpecifier\\\\",{visitor:[\\\\"local\\\\",\\\\"exported\\\\"],aliases:[\\\\"ModuleSpecifier\\\\"
],fields:{local:{validate:(0,o.assertNodeType)(\\\\"Identifier\\\\")},exported:{validate:(0,o.assertNodeType)(\\\\"Identi
fier\\\\",\\\\"StringLiteral\\\\"))}},(0,o.default)(\\\\"ForOfStatement\\\\",{visitor:[\\\\"left\\\\",\\\\"right\\\\",\\\\"body\\\\"],build
er:[\\\\"left\\\\",\\\\"right\\\\",\\\\"body\\\\",\\\\"await\\\\"],aliases:[\\\\"Scopable\\\\",\\\\"Statement\\\\",\\\\"For\\\\",\\\\"BlockParent
\\\\",\\\\"Loop\\\\",\\\\"ForXStatement\\\\"],fields:{left:{validate:function(){if(!process.env.BABEL_TYPES_8_BREAKI
NG)return(0,o.assertNodeType)(\\\\"VariableDeclaration\\\\",\\\\"LVal\\\\");const
e=(0,o.assertNodeType)(\\\\"VariableDeclaration\\\\"),t=(0,o.assertNodeType)(\\\\"Identifier\\\\",\\\\"MemberExpression
\\\\",\\\\"ArrayPattern\\\\",\\\\"ObjectPattern\\\\");return
function(r,i,s){(0,n.default)(\\\\"VariableDeclaration\\\\",s)?e(r,i,s):t(r,i,s)}},right:{validate:(0,o.assertNodeType)(\\
\\"Expression\\\\"),body:{validate:(0,o.assertNodeType)(\\\\"Statement\\\\"),await:{default:!1}}},(0,o.default)(\\\\"Im
portDeclaration\\\\",{visitor:[\\\\"specifiers\\\\",\\\\"source\\\\"],aliases:[\\\\"Statement\\\\",\\\\"Declaration\\\\",\\\\"ModuleDe
claration\\\\"],fields:{assertions:{optional:!0,validate:(0,o.chain)((0,o.assertValueType)(\\\\"array\\\\"),(0,o.assertEach)
((0,o.assertNodeType)(\\\\"ImportAttribute\\\\"))},specifiers:{validate:(0,o.chain)((0,o.assertValueType)(\\\\"array\\\\")
,(0,o.assertEach)((0,o.assertNodeType)(\\\\"ImportSpecifier\\\\",\\\\"ImportDefaultSpecifier\\\\",\\\\"ImportNamespaceSp
ecifier\\\\"))},source:{validate:(0,o.assertNodeType)(\\\\"StringLiteral\\\\"),importKind:{validate:(0,o.assertOneOf)(\\
\\"type\\\\",\\\\"typeof\\\\",\\\\"value\\\\"),optional:!0}}},(0,o.default)(\\\\"ImportDefaultSpecifier\\\\",{visitor:[\\\\"local\\\\"
],aliases:[\\\\"ModuleSpecifier\\\\"],fields:{local:{validate:(0,o.assertNodeType)(\\\\"Identifier\\\\"))}},(0,o.default)(\\\\"
ImportNamespaceSpecifier\\\\",{visitor:[\\\\"local\\\\"],aliases:[\\\\"ModuleSpecifier\\\\"],fields:{local:{validate:(0,o.asse
rtNodeType)(\\\\"Identifier\\\\"))}},(0,o.default)(\\\\"ImportSpecifier\\\\",{visitor:[\\\\"local\\\\",\\\\"imported\\\\"],aliases:
[\\\\"ModuleSpecifier\\\\"],fields:{local:{validate:(0,o.assertNodeType)(\\\\"Identifier\\\\"),imported:{validate:(0,o.asse
rtNodeType)(\\\\"Identifier\\\\",\\\\"StringLiteral\\\\")},importKind:{validate:(0,o.assertOneOf)(\\\\"type\\\\",\\\\"typeof\\\\"
),optional:!0}}},(0,o.default)(\\\\"MetaProperty\\\\",{visitor:[\\\\"meta\\\\",\\\\"property\\\\"],aliases:[\\\\"Expression\\\\"],
fields:{meta:{validate:(0,o.chain)((0,o.assertNodeType)(\\\\"Identifier\\\\"),Object.assign((function(e,t,r){if(!process.e
nv.BABEL_TYPES_8_BREAKING)return;let
i;switch(r.name){case\\\\"function\\\\":i=\\\\"sent\\\\";break;case\\\\"new\\\\":i=\\\\"target\\\\";break;case\\\\"import\\\\":i=\\\\"
meta\\\\"}if(!(0,n.default)(\\\\"Identifier\\\\",e.property,{name:i}))throw new TypeError(\\\\"Unrecognised
MetaProperty\\\\"))},{oneOfNodeTypes:[\\\\"Identifier\\\"]}}),property:{validate:(0,o.assertNodeType)(\\\\"Identifier\\
\\\\"))}});const
d={abstract:{validate:(0,o.assertValueType)(\\\\"boolean\\\\"),optional:!0},accessibility:{validate:(0,o.assertOneOf)(\\
\\"public\\\\",\\\\"private\\\\",\\\\"protected\\\\"),optional:!0},static:{default:!1},override:{default:!1},computed:{default:!
1},optional:{validate:(0,o.assertValueType)(\\\\"boolean\\\\"),optional:!0},key:{validate:(0,o.chain)(function(){const
e=(0,o.assertNodeType)(\\\\"Identifier\\\\",\\\\"StringLiteral\\\\",\\\\"NumericLiteral\\\\"),t=(0,o.assertNodeType)(\\\\"Expr
ession\\\\");return
function(r,n,i){(r.computed?t:e)(r,n,i)}},(0,o.assertNodeType)(\\\\"Identifier\\\\",\\\\"StringLiteral\\\\",\\\\"NumericLite
ral\\\\",\\\\"Expression\\\\"))};t.classMethodOrPropertyCommon=d;const
h=Object.assign({},l,d,{kind:{validate:(0,o.assertOneOf)(\\\\"get\\\\",\\\\"set\\\\",\\\\"method\\\\",\\\\"constructor\\\\"),defau
lt:\\\\"method\\\\"},access:{validate:(0,o.chain)((0,o.assertValueType)(\\\\"string\\\\"),(0,o.assertOneOf)(\\\\"public\\\\",\\\\"
private\\\\",\\\\"protected\\\\")),optional:!0},decorators:{validate:(0,o.chain)((0,o.assertValueType)(\\\\"array\\\\"),(0,o.a
ssertEach)((0,o.assertNodeType)(\\\\"Decorator\\\\"))},optional:!0});t.classMethodOrDeclareMethodCommon=h,(0,o.
default)(\\\\"ClassMethod\\\\",{aliases:[\\\\"Function\\\\",\\\\"Scopable\\\\",\\\\"BlockParent\\\\",\\\\"FunctionParent\\\\",\\\\"

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Method\\",builder:[\\\"kind\\\",\\\"key\\\",\\\"params\\\",\\\"body\\\",\\\"computed\\\",\\\"static\\\",\\\"generator\\\",\\\"
async\\\"],visitor:[\\\"key\\\",\\\"params\\\",\\\"body\\\",\\\"decorators\\\",\\\"returnType\\\",\\\"typeParameters\\\"],fiel
ds:Object.assign({},h,c,{body:{validate:(0,o.assertNodeType)(\\\"BlockStatement\\\")}}),(0,o.default)(\\\"ObjectP
attern\\\",{visitor:[\\\"properties\\\",\\\"typeAnnotation\\\",\\\"decorators\\\"],builder:[\\\"properties\\\"],aliases:[\\\"Pat
tern\\\",\\\"PatternLike\\\",\\\"LVal\\\"],fields:Object.assign({},u,{properties:{validate:(0,o.chain)((0,o.assertValueTy
pe)(\\\"array\\\")),(0,o.assertEach)((0,o.assertNodeType)(\\\"RestElement\\\",\\\"ObjectProperty\\\"))}}),(0,o.default
)(\\\"SpreadElement\\\",{visitor:[\\\"argument\\\"],aliases:[\\\"UnaryLike\\\"],deprecatedAlias:\\\"SpreadProperty\\\"
,fields:{argument:{validate:(0,o.assertNodeType)(\\\"Expression\\\")}}),(0,o.default)(\\\"Super\\\",{aliases:[\\\"Expr
ession\\\"]}), (0,o.default)(\\\"TaggedTemplateExpression\\\",{visitor:[\\\"tag\\\",\\\"quasi\\\"],aliases:[\\\"Expression\\
\\\"],fields:{tag:{validate:(0,o.assertNodeType)(\\\"Expression\\\")},quasi:{validate:(0,o.assertNodeType)(\\\"Templat
eLiteral\\\")},typeParameters:{validate:(0,o.assertNodeType)(\\\"TypeParameterInstantiation\\\",\\\"TSTypeParamet
erInstantiation\\\"),optional:!0}}),(0,o.default)(\\\"TemplateElement\\\",{builder:[\\\"value\\\",\\\"tail\\\"],fields:{val
ue:{validate:(0,o.assertShape)({raw:{validate:(0,o.assertValueType)(\\\"string\\\")},cooked:{validate:(0,o.assertValu
eType)(\\\"string\\\"),optional:!0}}),tail:{default:!1}}),(0,o.default)(\\\"TemplateLiteral\\\",{visitor:[\\\"quasis\\\",\\
\\\"expressions\\\"],aliases:[\\\"Expression\\\",\\\"Literal\\\"],fields:{quasis:{validate:(0,o.chain)((0,o.assertValueType)
(\\\"array\\\")),(0,o.assertEach)((0,o.assertNodeType)(\\\"TemplateElement\\\"))},expressions:{validate:(0,o.chain)((
0,o.assertValueType)(\\\"array\\\")),(0,o.assertEach)((0,o.assertNodeType)(\\\"Expression\\\",\\\"TSType\\\")),(functio
n(e,t,r){if(e.quasis.length!==(r.length+1))throw new TypeError(\\\"Number of ${e.type} quasis should be exactly one
more than the number of expressions.\\n\\nExpected ${r.length+1} quasis but got
${e.quasis.length}`)}})),(0,o.default)(\\\"YieldExpression\\\",{builder:[\\\"argument\\\",\\\"delegate\\\"],visitor:[\\\"
argument\\\"],aliases:[\\\"Expression\\\",\\\"Terminatorless\\\"],fields:{delegate:{validate:(0,o.chain)((0,o.assertValu
eType)(\\\"boolean\\\")),Object.assign((function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&r&&!e.arg
ument)throw new TypeError(\\\"Property delegate of YieldExpression cannot be true if there is no
argument\\\"))},{type:\\\"boolean\\\"})),default:!1,argument:{optional:!0,validate:(0,o.assertNodeType)(\\\"Express
ion\\\")}}),(0,o.default)(\\\"AwaitExpression\\\",{builder:[\\\"argument\\\"],visitor:[\\\"argument\\\"],aliases:[\\\"Exp
ression\\\",\\\"Terminatorless\\\"],fields:{argument:{validate:(0,o.assertNodeType)(\\\"Expression\\\")}}),(0,o.defau
lt)(\\\"Import\\\",{aliases:[\\\"Expression\\\"]}), (0,o.default)(\\\"BigIntLiteral\\\",{builder:[\\\"value\\\"],fields:{value:
{validate:(0,o.assertValueType)(\\\"string\\\")}},aliases:[\\\"Expression\\\",\\\"Pureish\\\",\\\"Literal\\\",\\\"Immutable
\\\"]}), (0,o.default)(\\\"ExportNamespaceSpecifier\\\",{visitor:[\\\"exported\\\"],aliases:[\\\"ModuleSpecifier\\\"]},field
s:{exported:{validate:(0,o.assertNodeType)(\\\"Identifier\\\")}}),(0,o.default)(\\\"OptionalMemberExpression\\\",{b
uilder:[\\\"object\\\",\\\"property\\\",\\\"computed\\\",\\\"optional\\\"],visitor:[\\\"object\\\",\\\"property\\\"],aliases:[\\\"
Expression\\\"],fields:{object:{validate:(0,o.assertNodeType)(\\\"Expression\\\")},property:{validate:function(){cons
t
e=(0,o.assertNodeType)(\\\"Identifier\\\"),t=(0,o.assertNodeType)(\\\"Expression\\\"),r=function(r,n,i){(r.computed?t
:e)(r,n,i)};return
r.oneOfNodeTypes=[\\\"Expression\\\",\\\"Identifier\\\"],r}),computed:{default:!1},optional:{validate:process.env.
BABEL_TYPES_8_BREAKING?(0,o.chain)((0,o.assertValueType)(\\\"boolean\\\")),(0,o.assertOptionalChainStart)(
)}:(0,o.assertValueType)(\\\"boolean\\\")}}),(0,o.default)(\\\"OptionalCallExpression\\\",{visitor:[\\\"callee\\\",\\\"ar
guments\\\",\\\"typeParameters\\\",\\\"typeArguments\\\"],builder:[\\\"callee\\\",\\\"arguments\\\",\\\"optional\\\"],alias
es:[\\\"Expression\\\"],fields:{callee:{validate:(0,o.assertNodeType)(\\\"Expression\\\")},arguments:{validate:(0,o.ch
ain)((0,o.assertValueType)(\\\"array\\\")),(0,o.assertEach)((0,o.assertNodeType)(\\\"Expression\\\",\\\"SpreadElement
\\\",\\\"JSXNamespacedName\\\",\\\"ArgumentPlaceholder\\\"))},optional:{validate:process.env.BABEL_TYPES_8
_BREAKING?(0,o.chain)((0,o.assertValueType)(\\\"boolean\\\")),(0,o.assertOptionalChainStart)(): (0,o.assertValue
Type)(\\\"boolean\\\")},typeArguments:{validate:(0,o.assertNodeType)(\\\"TypeParameterInstantiation\\\"),optional:
!0},typeParameters:{validate:(0,o.assertNodeType)(\\\"TSTypeParameterInstantiation\\\"),optional:!0}}},function
(e,t,r){\\\"use
strict\\\";Object.defineProperty(t,\\\"__esModule\\\",{value:!0}),t.default=function(e,t){if(e===t)return!0;if(n.ALIA
S_KEYS[t])return!1;const r=n.FLIPPED_ALIAS_KEYS[t];if(r){if(r[0]===e)return!0;for(const t of

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r)if(e===t)return!0}return!1};var n=r(6),function(e,t,r){use
strict";Object.defineProperty(t, "__esModule", { value: !0}),t.default=function(e,t,r){if(!e)return;const
a=n.NODE_FIELDS[e.type];if(!a)return;const o=a[t];i(e,t,r,o),s(e,t,r)},t.validateField=i,t.validateChild=s;var
n=r(6);function i(e,t,r,n){null!=n&& n.validate&&(n.optional&&null==r||n.validate(e,t,r))}function
s(e,t,r){if(null==r)return;const i=n.NODE_PARENT_VALIDATIONS[r.type];i&&i(e,t,r)},function(e,t,r){use
strict";Object.defineProperty(t, "__esModule", { value: !0}),t.default=function(e,t,r){t&&r&&(t[e]=Array.from(
new Set([].concat(t[e],r[e]).filter(Boolean))))},function(e,t,r){use
strict";Object.defineProperty(t, "__esModule", { value: !0}),t.merge=function(e,t){const{placeholderWhitelist:r
=e.placeholderWhitelist,placeholderPattern:n=e.placeholderPattern,preserveComments:i=e.preserveComments,synta
cticPlaceholders:s=e.syntacticPlaceholders}=t;return{parser:Object.assign({,e.parser,t.parser),placeholderWhitelist
:r,placeholderPattern:n,preserveComments:i,syntacticPlaceholders:s}},t.validate=function(e){if(null!=e&&"object
"!==typeof e)throw new Error("Unknown template options.");const
t=e||{},{placeholderWhitelist:r,placeholderPattern:n,preserveComments:i,syntacticPlaceholders:s}=t,a=function(e,t)
{if(null==e)return{ };var r,n,i={ },s=Object.keys(e);for(n=0;n<s.length;n++)r=s[n],t.indexOf(r)>=0||(i[r]=e[r]);return
i}(t,["placeholderWhitelist","placeholderPattern","preserveComments","syntacticPlaceholders"]);if(
null!=r&&!(r instanceof Set))throw new Error("'placeholderWhitelist' must be a Set, null, or
undefined");if(null!=n&&!(n instanceof RegExp)&&!1==n)throw new Error("'placeholderPattern' must be a
RegExp, false, null, or undefined");if(null!=i&&"boolean"!==typeof i)throw new
Error("'preserveComments' must be a boolean, null, or undefined");if(null!=s&&"boolean"!==typeof s)throw
new Error("'syntacticPlaceholders' must be a boolean, null, or undefined");if(!0===s&&(null!=r||null!=n))throw
new Error("'placeholderWhitelist' and 'placeholderPattern' aren't compatible with 'syntacticPlaceholders:
true'");return{parser:a,placeholderWhitelist:r||void 0,placeholderPattern:null==n?void
0:n,preserveComments:null==i?void 0:i,syntacticPlaceholders:null==s?void
0:s}},t.normalizeReplacements=function(e){if(Array.isArray(e))return
e.reduce((e,t,r)=>(e["$"+r]=t,e),{});if("object"===typeof e||null==e)return e||void 0;throw new
Error("Template replacements must be an array, object, null, or undefined")},function(e,t,r){use
strict";Object.defineProperty(t, "__esModule", { value: !0});class n{constructor(e,t={}){this.label=void
0,this.keyword=void 0,this.beforeExpr=void 0,this.startsExpr=void 0,this.rightAssociative=void 0,this.isLoop=void
0,this.isAssign=void 0,this.prefix=void 0,this.postfix=void 0,this.binop=void 0,this.updateContext=void
0,this.label=e,this.keyword=t.keyword,this.beforeExpr=!t.beforeExpr,this.startsExpr=!t.startsExpr,this.rightAssoci
ative=!t.rightAssociative,this.isLoop=!t.isLoop,this.isAssign=!t.isAssign,this.prefix=!t.prefix,this.postfix=!t.post
fix,this.binop=null!=t.binop?t.binop:null,this.updateContext=null}}const i=new Map;function
s(e,t={}){t.keyword=e;const r=new n(e,t);return i.set(e,r,r)}function a(e,t){return new
n(e,{beforeExpr:!0,binop:t})}const o={num:new n("num",{startsExpr:!0}),bigint:new
n("bigint",{startsExpr:!0}),decimal:new n("decimal",{startsExpr:!0}),regexp:new
n("regexp",{startsExpr:!0}),string:new n("string",{startsExpr:!0}),name:new
n("name",{startsExpr:!0}),eof:new n("eof"),bracketL:new
n("[",{beforeExpr:!0,startsExpr:!0}),bracketHashL:new
n("#[",{beforeExpr:!0,startsExpr:!0}),bracketBarL:new n("[|",{beforeExpr:!0,startsExpr:!0}),bracketR:new
n("]"),bracketBarR:new n("]|"),braceL:new n("{",{beforeExpr:!0,startsExpr:!0}),braceBarL:new
n("{|",{beforeExpr:!0,startsExpr:!0}),braceHashL:new n("#{",{beforeExpr:!0,startsExpr:!0}),braceR:new
n("}"),braceBarR:new n("}|"),parenL:new n("(",{beforeExpr:!0,startsExpr:!0}),parenR:new
n(")"),comma:new n(",",{beforeExpr:!0}),semi:new n(";",{beforeExpr:!0}),colon:new
n(":",{beforeExpr:!0}),doubleColon:new n("::",{beforeExpr:!0}),dot:new n(".",{beforeExpr:!0}),question:new
n("?",{beforeExpr:!0}),questionDot:new n("?."),arrow:new n("=>",{beforeExpr:!0}),template:new
n("template"),ellipsis:new n("...",{beforeExpr:!0}),backQuote:new
n("`",{startsExpr:!0}),dollarBraceL:new n("${",{beforeExpr:!0,startsExpr:!0}),at:new n("@"),hash:new
n("#",{startsExpr:!0}),interpreterDirective:new n("#!...",{beforeExpr:!0}),eq:new

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n(\\\\"=\\\\",{beforeExpr:!0,isAssign:!0}),assign:new n(\\\\"_="\\\\",{beforeExpr:!0,isAssign:!0}),incDec:new n(\\\\"+/-\\\\",{prefix:!0,postfix:!0,startsExpr:!0}),bang:new n(\\\\"!\\\\",{beforeExpr:!0,prefix:!0,startsExpr:!0}),tilde:new n(\\\\"~\\\\",{beforeExpr:!0,prefix:!0,startsExpr:!0}),pipeline:a(\\\\">\\\\"),nullishCoalescing:a(\\\\"??\\\\"),logicalOR:a(\\\\"||\\\\"),logicalAND:a(\\\\"&&\\\\"),bitwiseOR:a(\\\\"|\\\\"),bitwiseXOR:a(\\\\"^\\\\"),bitwiseAND:a(\\\\"&\\\\"),equality:a(\\\\"===/!==/===/!==\\\\"),relational:a(\\\\"</>/<=>/>=\\\\"),bitShift:a(\\\\"<</>>\\\\"),plusMin:new n(\\\\"+/-\\\\",{beforeExpr:!0,binop:9,prefix:!0,startsExpr:!0}),modulo:new n(\\\\"%\\\\",{beforeExpr:!0,binop:10,startsExpr:!0}),star:new n(\\\\"*\\\\",{binop:10}),slash:a(\\\\"/\\\\"),exponent:new n(\\\\"**\\\\",{beforeExpr:!0,binop:11,rightAssociative:!0}),_break:s(\\\\"break\\\\"),_case:s(\\\\"case\\\\"),_catch:s(\\\\"catch\\\\"),_continue:s(\\\\"continue\\\\"),_debugger:s(\\\\"debugger\\\\"),_default:s(\\\\"default\\\\"),_do:s(\\\\"do\\\\"),_else:s(\\\\"else\\\\"),_finally:s(\\\\"finally\\\\"),_for:s(\\\\"for\\\\"),_function:s(\\\\"function\\\\"),_if:s(\\\\"if\\\\"),_return:s(\\\\"return\\\\"),_switch:s(\\\\"switch\\\\"),_throw:s(\\\\"throw\\\\"),_try:s(\\\\"try\\\\"),_var:s(\\\\"var\\\\"),_const:s(\\\\"const\\\\"),_while:s(\\\\"while\\\\"),_with:s(\\\\"with\\\\"),_new:s(\\\\"new\\\\"),_this:s(\\\\"this\\\\"),_super:s(\\\\"super\\\\"),_class:s(\\\\"class\\\\"),_extends:s(\\\\"extends\\\\"),_export:s(\\\\"export\\\\"),_import:s(\\\\"import\\\\"),_null:s(\\\\"null\\\\"),_true:s(\\\\"true\\\\"),_false:s(\\\\"false\\\\"),_in:s(\\\\"in\\\\"),_instanceof:s(\\\\"instanceof\\\\"),_typeof:s(\\\\"typeof\\\\"),_void:s(\\\\"void\\\\"),_delete:s(\\\\"delete\\\\"),l=/\\\\"r\\\\"n?/[\\\\"n\\\\"u2028\\\\"u2029]/,c=new RegExp(l.source,\\\\"g\\\\");function p(e){switch(e){case 10:case 13:case 8232:case 8233:return!0;default:return!1}}const u=(?:\\\\"s\\\\"|\\\\"/\\\\".*\\\\"|\\\\"*\\\\"^\\\\"*\\\\"|\\\\"/\\\\"*/g;function d(e){switch(e){case 9:case 11:case 12:case 32:case 160:case 5760:case 8192:case 8193:case 8194:case 8195:case 8196:case 8197:case 8198:case 8199:case 8200:case 8201:case 8202:case 8239:case 8287:case 12288:case 65279:return!0;default:return!1}}class h{constructor(e,t){this.line=void 0,this.column=void 0,this.line=e,this.column=t}}class f{constructor(e,t){this.start=void 0,this.end=void 0,this.filename=void 0,this.identifierName=void 0,this.start=e,this.end=t}}function m(e){return e[e.length-1]}const y=Object.freeze({AccessorIsGenerator:\\\\"A %0ter cannot be a generator\\\\"},ArgumentsInClass:\\\\"arguments' is only allowed in functions and class methods\\\\"},AsyncFunctionInSingleStatementContext:\\\\"Async functions can only be declared at the top level or inside a block\\\\"},AwaitBindingIdentifier:\\\\"Can not use 'await' as identifier inside an async function\\\\"},AwaitExpressionFormalParameter:\\\\"await is not allowed in async function parameters\\\\"},AwaitNotInAsyncContext:\\\\"await' is only allowed within async functions and at the top levels of modules\\\\"},AwaitNotInAsyncFunction:\\\\"await' is only allowed within async functions\\\\"},BadGetterArity:\\\\"getter must not have any formal parameters\\\\"},BadSetterArity:\\\\"setter must have exactly one formal parameter\\\\"},BadSetterRestParameter:\\\\"setter function argument must not be a rest parameter\\\\"},ConstructorClassField:\\\\"Classes may not have a field named 'constructor'\\\\"},ConstructorClassPrivateField:\\\\"Classes may not have a private field named '#constructor'\\\\"},ConstructorIsAccessor:\\\\"Class constructor may not be an accessor\\\\"},ConstructorIsAsync:\\\\"Constructor can't be an async function\\\\"},ConstructorIsGenerator:\\\\"Constructor can't be a generator\\\\"},DeclarationMissingInitializer:\\\\"%0 require an initialization value\\\\"},DecoratorBeforeExport:\\\\"Decorators must be placed *before* the 'export' keyword. You can set the 'decoratorsBeforeExport' option to false to use the 'export @decorator class { ... }?'\\\\"},DecoratorExportClass:\\\\"Using the export keyword between a decorator and a class is not allowed. Please use `export @dec class` instead.\\\\"},DecoratorSemicolon:\\\\"Decorators must not be followed by a semicolon\\\\"},DecoratorStaticBlock:\\\\"Decorators can't be used with a static block\\\\"},DeletePrivateField:\\\\"Deleting a private field is not allowed\\\\"},DestructureNamedImport:\\\\"ES2015 named imports do not destructure. Use another statement for destructuring after the

import.\\",DuplicateConstructor:\\\\"Duplicate constructor in the same class\\",DuplicateDefaultExport:\\\\"Only one default export allowed per module.\\",DuplicateExport:\\\\"`%0` has already been exported. Exported identifiers must be unique.\\",DuplicateProto:\\\\"Redefinition of __proto__ property\\",DuplicateRegExpFlags:\\\\"Duplicate regular expression flag\\",DuplicateStaticBlock:\\\\"Duplicate static block in the same class\\",ElementAfterRest:\\\\"Rest element must be last element\\",EscapedCharNotAnIdentifier:\\\\"Invalid Unicode escape\\",ExportBindingIsString:\\\\"A string literal cannot be used as an exported binding without `from`.\\n- Did you mean `export { %0 as %1 } from 'some-module'?\\",ExportDefaultFromAsIdentifier:\\\\"'from' is not allowed as an identifier after 'export default'\\",ForInOfLoopInitializer:\\\\"%0 loop variable declaration may not have an initializer\\",GeneratorInSingleStatementContext:\\\\"Generators can only be declared at the top level or inside a block\\",IllegalBreakContinue:\\\\"Unsyntactic %0\\",IllegalLanguageModeDirective:\\\\"Illegal 'use strict' directive in function with non-simple parameter list\\",IllegalReturn:\\\\"'return' outside of function\\",ImportBindingIsString:\\\\"A string literal cannot be used as an imported binding.\\n- Did you mean `import { %0 as foo }`?\\",ImportCallArgumentTrailingComma:\\\\"Trailing comma is disallowed inside import(...) arguments\\",ImportCallArity:\\\\"import() requires exactly %0\\",ImportCallNotNewExpression:\\\\"Cannot use new with import(...)\\",ImportCallSpreadArgument:\\\\"... is not allowed in import()\\",ImportMetaOutsideModule:\\\\"import.meta may appear only with 'sourceType: %0' module'\\",ImportOutsideModule:\\\\"'import' and 'export' may appear only with 'sourceType: %0' module'\\",InvalidBigIntLiteral:\\\\"Invalid BigIntLiteral\\",InvalidCodePoint:\\\\"Code point out of bounds\\",InvalidDecimal:\\\\"Invalid decimal\\",InvalidDigit:\\\\"Expected number in radix %0\\",InvalidEscapeSequence:\\\\"Bad character escape sequence\\",InvalidEscapeSequenceTemplate:\\\\"Invalid escape sequence in template\\",InvalidEscapedReservedWord:\\\\"Escape sequence in keyword %0\\",InvalidIdentifier:\\\\"Invalid identifier %0\\",InvalidLhs:\\\\"Invalid left-hand side in %0\\",InvalidLhsBinding:\\\\"Binding invalid left-hand side in %0\\",InvalidNumber:\\\\"Invalid number\\",InvalidOrMissingExponent:\\\\"Floating-point numbers require a valid exponent after the 'e'\\",InvalidOrUnexpectedToken:\\\\"Unexpected character '%0'\\",InvalidParenthesizedAssignment:\\\\"Invalid parenthesized assignment pattern\\",InvalidPrivateFieldResolution:\\\\"Private name #%0 is not defined\\",InvalidPropertyBindingPattern:\\\\"Binding member expression\\",InvalidRecordProperty:\\\\"Only properties and spread elements are allowed in record definitions\\",InvalidRestAssignmentPattern:\\\\"Invalid rest operator's argument\\",LabelRedeclaration:\\\\"Label '%0' is already declared\\",LetInLexicalBinding:\\\\"let is not allowed to be used as a name in 'let' or 'const' declarations.\\",LineTerminatorBeforeArrow:\\\\"No line break is allowed before '=>'\\",MalformedRegExpFlags:\\\\"Invalid regular expression flag\\",MissingClassName:\\\\"A class name is required\\",MissingEqInAssignment:\\\\"Only '=' operator can be used for specifying default value.\\",MissingUnicodeEscape:\\\\"Expecting Unicode escape sequence %0\\",MixingCoalesceWithLogical:\\\\"Nullish coalescing operator(??) requires parens when mixing with logical operators\\",ModuleAttributeDifferentFromType:\\\\"The only accepted module attribute is `type`\\",ModuleAttributeInvalidValue:\\\\"Only string literals are allowed as module attribute values\\",ModuleAttributesWithDuplicateKeys:\\\\"Duplicate key %0 is not allowed in module attributes'\\",ModuleExportNameHasLoneSurrogate:\\\\"An export name cannot include a lone surrogate, found %0\\",ModuleExportUndefined:\\\\"Export '%0' is not defined\\",MultipleDefaultsInSwitch:\\\\"Multiple default clauses\\",NewlineAfterThrow:\\\\"Illegal newline after throw\\",NoCatchOrFinally:\\\\"Missing catch or finally clause\\",NumberIdentifier:\\\\"Identifier directly after number\\",NumericSeparatorInEscapeSequence:\\\\"Numeric separators are not allowed inside unicode escape sequences or hex escape sequences\\",ObsoleteAwaitStar:\\\\"await* has been removed from the async functions proposal. Use Promise.all() instead.\\",OptionalChainingNoNew:\\\\"constructors in/after an Optional Chain are not allowed\\",OptionalChainingNoTemplate:\\\\"Tagged Template Literals are not allowed in optionalChain\\",ParamDupe:\\\\"Argument name clash\\",PatternHasAccessor:\\\\"Object pattern can't contain getter or setter\\",PatternHasMethod:\\\\"Object pattern can't contain methods\\",PipelineBodyNoArrow:\\\\"Unexpected

arrow `==>` after pipeline body; arrow function in pipeline body must be parenthesized', PipelineBodySequenceExpression: "Pipeline body may not be a comma-separated sequence expression", PipelineHeadSequenceExpression: "Pipeline head should not be a comma-separated sequence expression", PipelineTopicUnused: "Pipeline is in topic style but does not use topic reference", PrimaryTopicNotAllowed: "Topic reference was used in a lexical context without topic binding", PrimaryTopicRequiresSmartPipeline: "Primary Topic Reference found but pipelineOperator not passed 'smart' for 'proposal' option.", PrivateInExpectedIn: "Private names are only allowed in property accesses (obj.#%0) or in `in` expressions (%0 in obj)", PrivateNameRedeclaration: "Duplicate private name #0", RecordExpressionBarIncorrectEndSyntaxType: "Record expressions ending with `}` are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'bar'", RecordExpressionBarIncorrectStartSyntaxType: "Record expressions starting with `{` are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'bar'", RecordExpressionHashIncorrectStartSyntaxType: "Record expressions starting with `#{` are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'hash'", RecordNoProto: ".__proto__ is not allowed in Record expressions", RestTrailingComma: "Unexpected trailing comma after rest element", SloppyFunction: "In non-strict mode code, functions can only be declared at top level, inside a block, or as the body of an if statement", StaticPrototype: "Classes may not have static property named prototype", StrictDelete: "Deleting local variable in strict mode", StrictEvalArguments: "Assigning to '%0' in strict mode", StrictEvalArgumentsBinding: "Binding '%0' in strict mode", StrictFunction: "In strict mode code, functions can only be declared at top level or inside a block", StrictNumericEscape: "The only valid numeric escape in strict mode is '\\\\\\\\\\\\\\\\\\\\\\\\\\0'", StrictOctalLiteral: "Legacy octal literals are not allowed in strict mode", StrictWith: "'with' in strict mode", SuperNotAllowed: "super() is only valid inside a class constructor of a subclass. Maybe a typo in the method name ('constructor') or not extending another class?", SuperPrivateField: "Private fields can't be accessed on super", TrailingDecorator: "Decorators must be attached to a class element", TupleExpressionBarIncorrectEndSyntaxType: "Tuple expressions ending with `]` are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'bar'", TupleExpressionBarIncorrectStartSyntaxType: "Tuple expressions starting with `[` are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'bar'", TupleExpressionHashIncorrectStartSyntaxType: "Tuple expressions starting with `#[` are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'hash'", UnexpectedArgumentPlaceholder: "Unexpected argument placeholder", UnexpectedAwaitAfterPipelineBody: "Unexpected `await` after pipeline body; await must have parentheses in minimal proposal", UnexpectedDigitAfterHash: "Unexpected digit after hash token", UnexpectedImportExport: "'import' and 'export' may only appear at the top level", UnexpectedKeyword: "Unexpected keyword '%0'", UnexpectedLeadingDecorator: "Leading decorators must be attached to a class declaration", UnexpectedLexicalDeclaration: "Lexical declaration cannot appear in a single-statement context", UnexpectedNewTarget: "new.target can only be used in functions", UnexpectedNumericSeparator: "A numeric separator is only allowed between two digits", UnexpectedPrivateField: "Private names can only be used as the name of a class element (i.e. class C { #p = 42; #m() { } }) or a property of member expression (i.e. this.#p).", UnexpectedReservedWord: "Unexpected reserved word '%0'", UnexpectedSuper: "super is only allowed in object methods and classes", UnexpectedToken: "Unexpected token '%0'", UnexpectedTokenUnaryExponentiation: "Illegal expression. Wrap left hand side or entire exponentiation in parentheses.", UnsupportedBind: "Binding should be performed on object property.", UnsupportedDecoratorExport: "A decorated export must export a class declaration", UnsupportedDefaultExport: "Only expressions, functions or classes are allowed as the `default` export.", UnsupportedImport: "import can only be used in import() or import.meta", UnsupportedMetaProperty: "The only valid meta property for %0 is


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%0.%1\\",UnsupportedParameterDecorator:\\\\"Decorators cannot be used to decorate
parameters\\",UnsupportedPropertyDecorator:\\\\"Decorators cannot be used to decorate object literal
properties\\",UnsupportedSuper:\\\\"super can only be used with function calls (i.e. super()) or in property accesses
(i.e. super.prop or super[prop])\\",UnterminatedComment:\\\\"Unterminated
comment\\",UnterminatedRegExp:\\\\"Unterminated regular expression\\",UnterminatedString:\\\\"Unterminated
string constant\\",UnterminatedTemplate:\\\\"Unterminated template\\",VarRedeclaration:\\\\"Identifier '%0' has
already been declared\\",YieldBindingIdentifier:\\\\"Can not use 'yield' as identifier inside a
generator\\",YieldInParameter:\\\\"Yield expression is not allowed in formal
parameters\\",ZeroDigitNumericSeparator:\\\\"Numeric separator can not be used after leading 0\\");function
T(e){return null!=e&&\\\\"Property\\\\"===e.type&&\\\\"init\\\\"===e.kind&&!1===e.method}class
b{constructor(e,t,r,n){this.token=void 0,this.isExpr=void 0,this.preserveSpace=void 0,this.override=void
0,this.token=e,this.isExpr=!t,this.preserveSpace=!r,this.override=n}const g={braceStatement:new
b(\\\\"{\\\\",!1),braceExpression:new b(\\\\"{\\\\",!0),recordExpression:new b(\\\\"#{\\\\",!0),templateQuasi:new
b(\\\\"${\\\\",!1),parenStatement:new b(\\\\"(\\\\",!1),parenExpression:new b(\\\\"(\\\\",!0),template:new
b(\\\\"^\\\\",!0,!0,e=>e.readTplToken()),functionExpression:new b(\\\\"function\\\\",!0),functionStatement:new
b(\\\\"function\\\\",!1)};o.parenR.updateContext=o.braceR.updateContext=function(){if(1===this.state.context.length)
return void(this.state.exprAllowed=!0)};let
e=this.state.context.pop();e===g.braceStatement&&\\\\"function\\\\"===this.curContext().token&&(e=this.state.conte
xt.pop()),this.state.exprAllowed=!e.isExpr,o.name.updateContext=function(e){let
t=!1;e!=o.dot&&(\\\\"of\\\\"!=this.state.value||this.state.exprAllowed|e===o._function|e===o._class|(t=!0)),this.st
ate.exprAllowed=t,this.state.isIterator&&(this.state.isIterator=!1)},o.braceL.updateContext=function(e){this.state.co
ntext.push(this.braceIsBlock(e)?g.braceStatement:g.braceExpression),this.state.exprAllowed=!0},o.dollarBraceL.up
dateContext=function(){this.state.context.push(g.templateQuasi),this.state.exprAllowed=!0},o.parenL.updateContex
t=function(e){const
t=e===o._if|e===o._for|e===o._with|e===o._while;this.state.context.push(t?g.parenStatement:g.parenExpression)
,this.state.exprAllowed=!0},o.incDec.updateContext=function(){},o._function.updateContext=o._class.updateConte
xt=function(e){!e.beforeExpr|e===o.semi|e===o._else|e===o._return&&this.hasPrecedingLineBreak()|(e===o.col
on|e===o.braceL)&&this.curContext()===g.b_stat?this.state.context.push(g.functionStatement):this.state.context.p
ush(g.functionExpression),this.state.exprAllowed=!1},o.backQuote.updateContext=function(){this.curContext()===
g.template?this.state.context.pop():this.state.context.push(g.template),this.state.exprAllowed=!1},o.braceHashL.upd
ateContext=function(){this.state.context.push(g.recordExpression),this.state.exprAllowed=!0};let S=\\\\"^aµÀ-ÖØ-
öø^-----
-----\\\\" ,x=\\\\"-----
-----\\\\";const E=new RegExp(\\\\"[\\\\"+S+\\\\"\\\\"),P=new RegExp(\\\\"[\\\\"+S+x+\\\\"\\\\"),S=x=null;const
v=[0,11,2,25,2,18,2,1,2,14,3,13,35,122,70,52,268,28,4,48,48,31,14,29,6,37,11,29,3,35,5,7,2,4,43,157,19,35,5,35,5,3
9,9,51,157,310,10,21,11,7,153,5,3,0,2,43,2,1,4,0,3,22,11,22,10,30,66,18,2,1,11,21,11,25,71,55,7,1,65,0,16,3,2,2,2,2
8,43,28,4,28,36,7,2,27,28,53,11,21,11,18,14,17,111,72,56,50,14,50,14,35,349,41,7,1,79,28,11,0,9,21,107,20,28,22,1
3,52,76,44,33,24,27,35,30,0,3,0,9,34,4,0,13,47,15,3,22,0,2,0,36,17,2,24,85,6,2,0,2,3,2,14,2,9,8,46,39,7,3,1,3,21,2,6,
2,1,2,4,4,0,19,0,13,4,159,52,19,3,21,2,31,47,21,1,2,0,185,46,42,3,37,47,21,0,60,42,14,0,72,26,230,43,117,63,32,7,3,
0,3,7,2,1,2,23,16,0,2,0,95,7,3,38,17,0,2,0,29,0,11,39,8,0,22,0,12,45,20,0,35,56,264,8,2,36,18,0,50,29,113,6,2,1,2,37,
22,0,26,5,2,1,2,31,15,0,328,18,190,0,80,921,103,110,18,195,2749,1070,4050,582,8634,568,8,30,114,29,19,47,17,3,
32,20,6,18,689,63,129,74,6,0,67,12,65,1,2,0,29,6135,9,1237,43,8,8952,286,50,2,18,3,9,395,2309,106,6,12,4,8,8,9,5
991,84,2,70,2,1,3,0,3,1,3,3,2,11,2,0,2,6,2,64,2,3,3,7,2,6,2,27,2,3,2,4,2,0,4,6,2,339,3,24,2,24,2,30,2,24,2,30,2,24,2,30
,2,24,2,30,2,24,2,7,2357,44,11,6,17,0,370,43,1301,196,60,67,8,0,1205,3,2,26,2,1,2,0,3,0,2,9,2,3,2,0,2,0,7,0,5,0,2,0,2
,0,2,2,2,1,2,0,3,0,2,0,2,0,2,0,2,1,2,0,3,3,2,6,2,3,2,3,2,0,2,9,2,16,6,2,2,4,2,16,4421,42717,35,4148,12,221,3,5761,
15,7472,3104,541,1507,4938],A=[509,0,227,0,150,4,294,9,1368,2,2,1,6,3,41,2,5,0,166,1,574,3,9,9,370,1,154,10,17
6,2,54,14,32,9,16,3,46,10,54,9,7,2,37,13,2,9,6,1,45,0,13,2,49,13,9,3,2,11,83,11,7,0,161,11,6,9,7,3,56,1,2,6,3,1,3,2,1

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0,0,11,1,3,6,4,4,193,17,10,9,5,0,82,19,13,9,214,6,3,8,28,1,83,16,16,9,82,12,9,9,84,14,5,9,243,14,166,9,71,5,2,1,3,3,
2,0,2,1,13,9,120,6,3,6,4,0,29,9,41,6,2,3,9,0,10,10,47,15,406,7,2,7,17,9,57,21,2,13,123,5,4,0,2,1,2,6,2,0,9,9,49,4,2,1,
2,4,9,9,330,3,19306,9,135,4,60,6,26,9,1014,0,2,54,8,3,82,0,12,1,19628,1,5319,4,4,5,9,7,3,6,31,3,149,2,1418,49,513,
54,5,49,9,0,15,0,23,4,2,14,1361,6,2,16,3,6,2,1,2,4,262,6,10,9,419,13,1495,6,110,6,6,9,4759,9,787719,239];function
w(e,t){let r=65536;for(let
n=0,i=t.length;n<i;n+=2){if(r+=t[n],r>e)return!1;if(r+=t[n+1],r>=e)return!0}return!1}function O(e){return
e<65?36===e:e<=90||(e<97?95===e:e<=122||(e<=65535?e>=170&&E.test(String.fromCharCode(e)):w(e,v)))}funct
ion I(e){return
e<48?36===e:e<58!|(e<65)&&(e<=90||(e<97?95===e:e<=122||(e<=65535?e>=170&&P.test(String.fromCharCode
(e)):w(e,v)||w(e,A)))))}const
C=[\\"implements\\",\\"interface\\",\\"let\\",\\"package\\",\\"private\\",\\"protected\\",\\"public\\",\\"static\\"
,\\"yield\\"],N=[\\"eval\\",\\"arguments\\"],k=new
Set([\\"break\\",\\"case\\",\\"catch\\",\\"continue\\",\\"debugger\\",\\"default\\",\\"do\\",\\"else\\",\\"finally\\
\\",\\"for\\",\\"function\\",\\"if\\",\\"return\\",\\"switch\\",\\"throw\\",\\"try\\",\\"var\\",\\"const\\",\\"while\\
\\",\\"with\\",\\"new\\",\\"this\\",\\"super\\",\\"class\\",\\"extends\\",\\"export\\",\\"import\\",\\"null\\",\\"tru
e\\",\\"false\\",\\"in\\",\\"instanceof\\",\\"typeof\\",\\"void\\",\\"delete\\"]),D=new Set(C),_=new
Set(N);function L(e,t){return t&&\\"await\\"===e||\\"enum\\"===e}function M(e,t){return
L(e,t)||D.has(e)}function j(e){return _.has(e)}function F(e,t){return M(e,t)||j(e)}function R(e){return k.has(e)}const
B=/^in(stanceof)?$/;const U=new
Set([\\"_\\",\\"any\\",\\"bool\\",\\"boolean\\",\\"empty\\",\\"extends\\",\\"false\\",\\"interface\\",\\"mixed\\"
,\\"null\\",\\"number\\",\\"static\\",\\"string\\",\\"true\\",\\"typeof\\",\\"void\\"]),V=Object.freeze({Ambiguou
sConditionalArrow:\\\\"Ambiguous expression: wrap the arrow functions in parentheses to
disambiguate.\\",AmbiguousDeclareModuleKind:\\\\"Found both `declare module.exports` and `declare export` in
the same module. Modules can only have 1 since they are either an ES module or they are a CommonJS
module\\",AssignReservedType:\\\\"Cannot overwrite reserved type %0\\",DeclareClassElement:\\\\"The `declare`
modifier can only appear on class fields.\\",DeclareClassFieldInitializer:\\\\"Initializers are not allowed in fields with
the `declare` modifier.\\",DuplicateDeclareModuleExports:\\\\"Duplicate `declare module.exports`
statement\\",EnumBooleanMemberNotInitialized:\\\\"Boolean enum members need to be initialized. Use either `%0
= true,` or `%0 = false,` in enum `%1`.\\",EnumDuplicateMemberName:\\\\"Enum member names need to be
unique, but the name `%0` has already been used before in enum
`%1`.\\",EnumInconsistentMemberValues:\\\\"Enum `%0` has inconsistent member initializers. Either use no
initializers, or consistently use literals (either booleans, numbers, or strings) for all member
initializers.\\",EnumInvalidExplicitType:\\\\"Enum type `%1` is not valid. Use one of `boolean`, `number`, `string`,
or `symbol` in enum `%0`.\\",EnumInvalidExplicitTypeUnknownSupplied:\\\\"Supplied enum type is not valid. Use
one of `boolean`, `number`, `string`, or `symbol` in enum
`%0`.\\",EnumInvalidMemberInitializerPrimaryType:\\\\"Enum `%0` has type `%2`, so the initializer of `%1` needs
to be a %2 literal.\\",EnumInvalidMemberInitializerSymbolType:\\\\"Symbol enum members cannot be initialized.
Use `%1,` in enum `%0`.\\",EnumInvalidMemberInitializerUnknownType:\\\\"The enum member initializer for
`%1` needs to be a literal (either a boolean, number, or string) in enum
`%0`.\\",EnumInvalidMemberName:\\\\"Enum member names cannot start with lowercase 'a' through 'z'. Instead of
using `%0`, consider using `%1`, in enum `%2`.\\",EnumNumberMemberNotInitialized:\\\\"Number enum members
need to be initialized, e.g. `%1 = 1` in enum `%0`.\\",EnumStringMemberInconsistentlyInitailized:\\\\"String enum
members need to consistently either all use initializers, or use no initializers, in enum
`%0`.\\",ImportTypeShorthandOnlyInPureImport:\\\\"The `type` and `typeof` keywords on named imports can only
be used on regular `import` statements. It cannot be used with `import type` or `import typeof`
statements\\",InexactInsideExact:\\\\"Explicit inexact syntax cannot appear inside an explicit exact object
type\\",InexactInsideNonObject:\\\\"Explicit inexact syntax cannot appear in class or interface
definitions\\",InexactVariance:\\\\"Explicit inexact syntax cannot have

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variance\\",InvalidNonTypeImportInDeclareModule:\\",Imports within a `declare module` body must always be `import type` or `import typeof`\\",MissingTypeParamDefault:\\",Type parameter declaration needs a default, since a preceding type parameter declaration has a default.\\",NestedDeclareModule:\\",`declare module` cannot be used inside another `declare module`\\",NestedFlowComment:\\",Cannot have a flow comment inside another flow comment\\",OptionalBindingPattern:\\",A binding pattern parameter cannot be optional in an implementation signature.\\",SpreadVariance:\\",Spread properties cannot have variance\\",TypeBeforeInitializer:\\",Type annotations must come before default assignments, e.g. instead of `age = 25: number` use `age: number = 25`\\",TypeCastInPattern:\\",The type cast expression is expected to be wrapped with parenthesis\\",UnexpectedExplicitInexactInObject:\\",Explicit inexact syntax must appear at the end of an inexact object\\",UnexpectedReservedType:\\",Unexpected reserved type %0\\",UnexpectedReservedUnderscore:\\",`_` is only allowed as a type argument to call or new\\",UnexpectedSpaceBetweenModuloChecks:\\",Spaces between `~` and `checks` are not allowed here.\\",UnexpectedSpreadType:\\",Spread operator cannot appear in class or interface definitions\\",UnexpectedSubtractionOperand: Unexpected token, expected \\\"number\\\" or \\\"bigint\\\"\\",UnexpectedTokenAfterTypeParameter:\\",Expected an arrow function after this type parameter declaration\\",UnexpectedTypeParameterBeforeAsyncArrowFunction:\\",Type parameters must come after the async keyword, e.g. instead of ` async () => {}`, use `async <T>() => {}`\\",UnsupportedDeclareExportKind:\\",`declare export %0` is not supported. Use `%1` instead\\",UnsupportedStatementInDeclareModule:\\",Only declares and type imports are allowed inside declare module\\",UnterminatedFlowComment:\\",Unterminated flow-comment\\");function K(e){return\\\"type\\\"===e.importKind||\\\"typeof\\\"===e.importKind}function q(e){return(e.type===o.name||!e.type.keyword)&&\\\"from\\\"!==e.value}const Y={const:\\\"declare export var\\\",let:\\\"declare export var\\\",type:\\\"export type\\\",interface:\\\"export interface\\\"};const W=/*?\\s*((?:no)?flow)\\|b/;const X={quot:\\\"\\\",amp:\\\"&\\\",apos:\\\"'\\\",lt:\\\"<\\\",gt:\\\">\\\",nbsp:\\\" \\\",iexcl:\\\"¡\\\",cent:\\\"¢\\\",pound:\\\"£\\\",curren:\\\"¤\\\",yen:\\\"¥\\\",brvbar:\\\" ¨\\\",sect:\\\"§\\\",uml:\\\" ¨\\\",copy:\\\"©\\\",ordf:\\\"ª\\\",laquo:\\\"«\\\",not:\\\"¬\\\",shy:\\\" ¨\\\",reg:\\\"®\\\",macr:\\\" ¨\\\",deg:\\\"°\\\",plumn:\\\"±\\\",sup2:\\\"²\\\",sup3:\\\"³\\\",acute:\\\"´\\\",micro:\\\"µ\\\",para:\\\"¶\\\",midot:\\\"·\\\",cedil:\\\"¸\\\",sup1:\\\"¹\\\",ordm:\\\"º\\\",raquo:\\\"»\\\",frac14:\\\"¼\\\",frac12:\\\"½\\\",frac34:\\\"¾\\\",quest:\\\"¿\\\",Agrave:\\\"À\\\",Aacute:\\\"Á\\\",Acirc:\\\"Â\\\",Atilde:\\\"Ã\\\",Auml:\\\"Ä\\\",Aring:\\\"Å\\\",AElig:\\\"Æ\\\",Ccedil:\\\"Ç\\\",Egrave:\\\"È\\\",Eacute:\\\"É\\\",Ecirc:\\\"Ê\\\",Euml:\\\"Ë\\\",Igrave:\\\"Ì\\\",Iacute:\\\"Í\\\",Icirc:\\\"Î\\\",Iuml:\\\"Ï\\\",ETH:\\\"Ð\\\",Ntilde:\\\"Ñ\\\",Ograve:\\\"Ò\\\",Oacute:\\\"Ó\\\",Ocirc:\\\"Ô\\\",Otilde:\\\"Õ\\\",Ouml:\\\"Ö\\\",times:\\\"×\\\",Oslash:\\\"Ø\\\",Ugrave:\\\"Ù\\\",Uacute:\\\"Ú\\\",Ucirc:\\\"Û\\\",Uuml:\\\"Ü\\\",Yacute:\\\"Ý\\\",THORN:\\\"Þ\\\",szlig:\\\"ß\\\",agrave:\\\"à\\\",acute:\\\"á\\\",acirc:\\\"â\\\",atilde:\\\"ã\\\",auml:\\\"ä\\\",aring:\\\"å\\\",aelig:\\\"æ\\\",ccedil:\\\"ç\\\",egrave:\\\"è\\\",eacute:\\\"é\\\",ecirc:\\\"ê\\\",euml:\\\"ë\\\",igrave:\\\"ì\\\",iacute:\\\"í\\\",icirc:\\\"î\\\",iuml:\\\"ï\\\",eth:\\\"ð\\\",ntilde:\\\"ñ\\\",ograve:\\\"ò\\\",oacute:\\\"ó\\\",ocirc:\\\"ô\\\",otilde:\\\"õ\\\",ouml:\\\"ö\\\",divide:\\\"÷\\\",oslash:\\\"ø\\\",ugrave:\\\"ù\\\",uacute:\\\"ú\\\",ucirc:\\\"û\\\",uuml:\\\"ü\\\",yacute:\\\"ý\\\",thorn:\\\"þ\\\",yuml:\\\"ÿ\\\",OElig:\\\"Œ\\\",oelig:\\\"œ\\\",Scaron:\\\"Š\\\",scaron:\\\"š\\\",Yuml:\\\"ÿ\\\",fnof:\\\"ƒ\\\",circ:\\\"ˆ\\\",tilde:\\\"˜\\\",Alpha:\\\"Α\\\",Beta:\\\"Β\\\",Gamma:\\\"Γ\\\",Delta:\\\"Δ\\\",Epsilon:\\\"Ε\\\",Zeta:\\\"Ζ\\\",Eta:\\\"Η\\\",Theta:\\\"Θ\\\",Iota:\\\"Ι\\\",Kappa:\\\"Κ\\\",Lambda:\\\"Λ\\\",Mu:\\\"Μ\\\",Nu:\\\"Ν\\\",Xi:\\\"Ξ\\\",Omicron:\\\"Ο\\\",Pi:\\\"Π\\\",Rho:\\\"Ρ\\\",Sigma:\\\"Σ\\\",Tau:\\\"Τ\\\",Upsilon:\\\"Υ\\\",Phi:\\\"Φ\\\",Chi:\\\"Χ\\\",Psi:\\\"Ψ\\\",Omega:\\\"Ω\\\",alpha:\\\"α\\\",beta:\\\"β\\\",gamma:\\\"γ\\\",delta:\\\"δ\\\",epsilon:\\\"ε\\\",zeta:\\\"ζ\\\",eta:\\\"η\\\",theta:\\\"θ\\\",iota:\\\"ι\\\",kappa:\\\"κ\\\",lambda:\\\"λ\\\",mu:\\\"μ\\\",nu:\\\"ν\\\",xi:\\\"ξ\\\",omicron:\\\"ο\\\",pi:\\\"π\\\",rho:\\\"ρ\\\",sigmaf:\\\"σ\\\",sigma:\\\"σ\\\",tau:\\\"τ\\\",upsilon:\\\"υ\\\",phi:\\\"φ\\\",chi:\\\"χ\\\",psi:\\\"ψ\\\",omega:\\\"ω\\\",thetasym:\\\"ϑ\\\",upsih:\\\"ϛ\\\",piv:\\\"ϖ\\\",nbsp:\\\" \\\",emsp:\\\" \\\",thinsp:\\\" \\\",zwj:\\\" \\\",zwnj:\\\" \\\",lrm:\\\" \\\",rlm:\\\" \\\",ndash:\\\" —\\\",mdash:\\\" —\\\",lsquo:\\\" ‘\\\",rsquo:\\\" ’\\\",sbquo:\\\" ’ \\\",ldquo:\\\" “\\\",rdquo:\\” ”\\\",bdquo:\\” ” \\\",dagger:\\” †\\\",Dagger:\\” ‡\\\",bull:\\” •\\\",hellip:\\” …\\\",permil:\\” ‰\\\",prime:\\” ′\\\",Prime:\\” ′′\\\",lsquo:\\” ‹\\\",rsaquo:\\” ›\\\",oline:\\” ¯\\\",frac1:\\” ⁄\\\",euro:\\” €\\\",image:\\”

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|",nabla:||||",isin:||||",notin:||||",ni:||||",prod:||||",sum:||||",minus:||||",lowast:||||",radic:||||",prop:||||",infin:||||",ang:||||",and:||||",or:||||",cap:||||",cup:||||",int:||||",there4:||||",sim:||||",cong:||||",asympt:||||",ne:||||",equiv:||||",le:||||",ge:||||",sub:||||",sup:||||",nsup:||||",sube:||||",supe:||||",oplus:||||",otimes:||||",perp:||||",sdot:||||",lceil:||||",rceil:||||",lfloor:||||",rfloor:||||",lang:||||",rang:||||",loz:||||",spades:||||",clubs:||||",hearts:||||",diams:||||",J=/^[\da-fA-F]+$/H=/^\d+$/G=Object.freeze({AttributeIsEmpty:|"JSX attributes must only be assigned a non-empty expression|",MissingClosingTagFragment:|"Expected corresponding JSX closing tag for <>|",MissingClosingTagElement:|"Expected corresponding JSX closing tag for <%O>|",UnsupportedJsxValue:|"JSX value should be either an expression or a quoted JSX text|",UnterminatedJsxContent:|"Unterminated JSX contents|",UnwrappedAdjacentJSXElements:|"Adjacent JSX elements must be wrapped in an enclosing tag. Did you want a JSX fragment <>...</>?|"});function z(e){return!!e&&(|"JSXOpeningFragment"===e.type|||"JSXClosingFragment"===e.type)}function $(e){if(|"JSXIdentifier"===e.type)return e.name;if(|"JSXNamespacedName"===e.type)return e.namespace.name+|":|"+e.name.name;if(|"JSXMemberExpression"===e.type)return $(e.object)+|".|"+$(e.property);throw new Error(|"Node had unexpected type: |"+e.type)}g.j_oTag=new b(|"<tag|",!1),g.j_cTag=new b(|"</tag|",!1),g.j_expr=new b(|"<tag>...</tag>|",!0,!0),o.jsxName=new n(|"jsxName|"),o.jsxText=new n(|"jsxText|",{beforeExpr:!0}),o.jsxTagStart=new n(|"jsxTagStart|",{startsExpr:!0}),o.jsxTagEnd=new n(|"jsxTagEnd|"),o.jsxTagStart.updateContext=function(){this.state.context.push(g.j_expr),this.state.context.push(g.j_oTag),this.state.exprAllowed=!1},o.jsxTagEnd.updateContext=function(e){const t=this.state.context.pop();t===g.j_oTag&&e===o.slash|t===g.j_cTag?(this.state.context.pop(),this.state.exprAllowed=this.curContext()===g.j_expr):this.state.exprAllowed=!0};class Q{constructor(e){this.flags=void 0,this.var=[],this.lexical=[],this.functions=[],this.flags=e}}class Z{constructor(e,t){this.scopeStack=[],this.undefinedExports=new Map,this.undefinedPrivateNames=new Map,this.raise=e,this.inModule=t}get inFunction(){return(2&this.currentVarScope().flags)>0}get allowSuper(){return(16&this.currentThisScope().flags)>0}get allowDirectSuper(){return(32&this.currentThisScope().flags)>0}get inClass(){return(64&this.currentThisScope().flags)>0}get inNonArrowFunction(){return(2&this.currentThisScope().flags)>0}get treatFunctionsAsVar(){return this.treatFunctionsAsVarInScope(this.currentScope())}createScope(e){return new Q(e)}enter(e){this.scopeStack.push(this.createScope(e))}exit(){this.scopeStack.pop()}treatFunctionsAsVarInScope(e){return!!(2&e.flags||this.inModule&&1&e.flags)}declareName(e,t,r){let n=this.currentScope();if(8&t|16&t)this.checkRedeclarationInScope(n,e,t,r),16&t?n.functions.push(e):n.lexical.push(e),8&t&&this.maybeExportDefined(n,e);else if(4&t)for(let i=this.scopeStack.length-1;i>=0&&(n=this.scopeStack[i],this.checkRedeclarationInScope(n,e,t,r),n.var.push(e),this.maybeExportDefined(n,e),!(131&n.flags));--i);this.inModule&&1&n.flags&&this.undefinedExports.delete(e)}maybeExportDefined(e,t){this.inModule&&1&e.flags&&this.undefinedExports.delete(t)}checkRedeclarationInScope(e,t,r,n){this.isRedeclaredInScope(e,t,r)&&this.raise(n,y.VarRedeclaration,t)}isRedeclaredInScope(e,t,r){return!!(1&r)&&(8&r?e.lexical.indexOf(t)>-1||e.functions.indexOf(t)>-1||e.var.indexOf(t)>-1:16&r?e.lexical.indexOf(t)>-1||this.treatFunctionsAsVarInScope(e)&&e.var.indexOf(t)>-1:e.lexical.indexOf(t)>-1&&!(8&e.flags&&e.lexical[0]===t)||this.treatFunctionsAsVarInScope(e)&&e.functions.indexOf(t)>-1)}checkLocalExport(e){-1===this.scopeStack[0].lexical.indexOf(e.name)&&-1===this.scopeStack[0].var.indexOf(e.name)&&-1===this.scopeStack[0].functions.indexOf(e.name)&&this.undefinedExports.set(e.name,e.start)}currentScope(){return this.scopeStack[this.scopeStack.length-1]}currentVarScope(){for(let e=this.scopeStack.length-1;e--){const t=this.scopeStack[e];if(131&t.flags)return t}}currentThisScope(){for(let e=this.scopeStack.length-1;e--){const t=this.scopeStack[e];if((131&t.flags|64&t.flags)&&!(4&t.flags))return t}}class ee extends

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Q { constructor(...e) { super(...e), this.types=[], this.enums=[], this.constEnums=[], this.classes=[], this.exportOnlyBindin
gs=[] } } class te extends Z { createScope(e) { return new ee(e) } declareName(e,t,r) { const
n=this.currentScope();if(1024&t)return this.maybeExportDefined(n,e),void
n.exportOnlyBindings.push(e);super.declareName(...arguments),2&t&&(1&t|(this.checkRedeclarationInScope(n,e,t
,r),this.maybeExportDefined(n,e)),n.types.push(e)),256&t&&n.enums.push(e),512&t&&n.constEnums.push(e),128
&t&&n.classes.push(e)}isRedeclaredInScope(e,t,r){if(e.enums.indexOf(t)>-
1){if(256&r){return!!(512&r)!==e.constEnums.indexOf(t)>-1}return!0}return 128&r&&&e.classes.indexOf(t)>-
1?e.lexical.indexOf(t)>-1&&!!(1&r):!(2&r&&e.types.indexOf(t)>-
1)||super.isRedeclaredInScope(...arguments)}checkLocalExport(e){-
1===this.scopeStack[0].types.indexOf(e.name)&&-
1===this.scopeStack[0].exportOnlyBindings.indexOf(e.name)&&super.checkLocalExport(e)} } class
re { constructor() { this.stacks=[] } enter(e) { this.stacks.push(e) } exit() { this.stacks.pop() } currentFlags() { return
this.stacks[this.stacks.length-1] } get hasAwait() { return(2&this.currentFlags())>0 } get
hasYield() { return(1&this.currentFlags())>0 } get hasReturn() { return(4&this.currentFlags())>0 } get
hasIn() { return(8&this.currentFlags())>0 } } function ne(e,t) { return(e?2:0)|(t?1:0) } function ie(e) { if(null===e)throw new
Error('Unexpected ${e} value. ');return e } function se(e) { if(!e)throw new Error('Assert fail')} const
ae=Object.freeze({ ClassMethodHasDeclare: '\\Class methods cannot have the 'declare'
modifier\\', ClassMethodHasReadOnly: '\\Class methods cannot have the 'readonly'
modifier\\', ConstructorHasTypeParameters: '\\Type parameters cannot appear on a constructor
declaration.\\', DeclareClassFieldHasInitializer: '\\Initializers are not allowed in ambient
contexts.\\', DeclareFunctionHasImplementation: '\\An implementation cannot be declared in ambient
contexts.\\', DuplicateModifier: '\\Duplicate modifier: '%0\\', EmptyHeritageClauseType: '\\'%0' list cannot be
empty.\\', EmptyTypeArguments: '\\Type argument list cannot be empty.\\', EmptyTypeParameters: '\\Type
parameter list cannot be empty.\\', IndexSignatureHasAbstract: '\\Index signatures cannot have the 'abstract'
modifier\\', IndexSignatureHasAccessibility: '\\Index signatures cannot have an accessibility modifier
('%0)\\', IndexSignatureHasStatic: '\\Index signatures cannot have the 'static'
modifier\\', IndexSignatureHasDeclare: '\\Index signatures cannot have the 'declare'
modifier\\', InvalidTupleMemberLabel: '\\Tuple members must be labeled with a simple
identifier.\\', MixedLabeledAndUnlabeledElements: '\\Tuple members must all have names or all not have
names.\\', OptionalTypeBeforeRequired: '\\A required element cannot follow an optional
element.\\', PatternIsOptional: '\\A binding pattern parameter cannot be optional in an implementation
signature.\\', PrivateElementHasAbstract: '\\Private elements cannot have the 'abstract'
modifier.\\', PrivateElementHasAccessibility: '\\Private elements cannot have an accessibility modifier
('%0)\\', TypeAnnotationAfterAssign: '\\Type annotations must come before default assignments, e.g. instead of
`age = 25: number` use `age: number = 25`\\', UnexpectedParameterModifier: '\\A parameter property is only
allowed in a constructor implementation.\\', UnexpectedReadOnly: '\\'readonly' type modifier is only permitted on
array and tuple literal types.\\', UnexpectedTypeAnnotation: '\\Did not expect a type annotation
here.\\', UnexpectedTypeCastInParameter: '\\Unexpected type cast in parameter
position.\\', UnsupportedImportTypeArgument: '\\Argument in a type import must be a string
literal\\', UnsupportedParameterPropertyKind: '\\A parameter property may not be declared using a binding
pattern.\\', UnsupportedSignatureParameterKind: '\\Name in a signature must be an Identifier, ObjectPattern or
ArrayPattern, instead got %0\\'});o.placeholder=new n('%%', { startsExpr: !0 });function oe(e,t) { return
e.some(e=>Array.isArray(e)?e[0]===t:e===t) } function le(e,t,r) { const
n=e.find(e=>Array.isArray(e)?e[0]===t:e===t);return n&&Array.isArray(n)?n[1][r]:null } const
ce=[ '\\minimal\\', '\\smart\\', '\\fsharp\\', pe=[ '\\hash\\', '\\bar\\' ];const ue={ estree:e=>class extends
e { estreeParseRegExpLiteral({ pattern:e, flags:t }) { let r=null;try { r=new RegExp(e,t) } catch(e) { const
n=this.estreeParseLiteral(r);return n.regex={ pattern:e, flags:t }, n } estreeParseBigIntLiteral(e) { const
t='\\undefined\\'!=typeof BigInt?BigInt(e):null,r=this.estreeParseLiteral(t);return

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r.bigint=String(r.value|e,r)estreeParseDecimalLiteral(e){const t=this.estreeParseLiteral(null);return
t.decimal=String(t.value|e,t)estreeParseLiteral(e){return
this.parseLiteral(e,\\\\"Literal\\")directiveToStmnt(e){const
t=e.value,r=this.startNodeAt(e.start,e.loc.start),n=this.startNodeAt(t.start,t.loc.start);return
n.value=t.value,n.raw=t.extra.raw,r.expression=this.finishNodeAt(n,\\\\"Literal\\",t.end,t.loc.end),r.directive=t.extra.
raw.slice(1,-
1),this.finishNodeAt(r,\\\\"ExpressionStatement\\",e.end,e.loc.end)}initFunction(e,t){super.initFunction(e,t),e.expres
sion=!1}checkDeclaration(e){T(e)?this.checkDeclaration(e.value):super.checkDeclaration(e)}getObjectOrClassMet
hodParams(e){return
e.value.params}checkLVal(e,t=64,r,n,i){switch(e.type){case\\\\"ObjectPattern\\":e.properties.forEach(e=>{this.chec
kLVal(\\\\"Property\\")==e.type?e.value:e,t,r,\\\\"object destructuring
pattern\\",i));break;default:super.checkLVal(e,t,r,n,i)}}checkProto(e,t,r,n){e.method||super.checkProto(e,t,r,n)}isV
alidDirective(e){var
t;return\\\\"ExpressionStatement\\")==e.type&&\\\\"Literal\\")==e.expression.type&&\\\\"string\\")==typeof
e.expression.value&&!(null==(t=e.expression.extra)?void 0:t.parenthesized)}stmtToDirective(e){const
t=super.stmtToDirective(e),r=e.expression.value;return
t.value.value=r,t}parseBlockBody(e,t,r,n){super.parseBlockBody(e,t,r,n);const
i=e.directives.map(e=>this.directiveToStmnt(e));e.body=i.concat(e.body),delete
e.directives}pushClassMethod(e,t,r,n,i,s){this.parseMethod(t,r,n,i,s,\\\\"ClassMethod\\",!0),t.typeParameters&&(t.va
lue.typeParameters=t.typeParameters,delete
t.typeParameters),e.body.push(t)}parseExprAtom(e){switch(this.state.type){case o.num:case o.string:return
this.estreeParseLiteral(this.state.value);case o.regex:return this.estreeParseRegExpLiteral(this.state.value);case
o.bigint:return this.estreeParseBigIntLiteral(this.state.value);case o.decimal:return
this.estreeParseDecimalLiteral(this.state.value);case o._null:return this.estreeParseLiteral(null);case o._true:return
this.estreeParseLiteral(!0);case o._false:return this.estreeParseLiteral(!1);default:return
super.parseExprAtom(e)}parseLiteral(e,t,r,n){const i=super.parseLiteral(e,t,r,n);return i.raw=i.extra.raw,delete
i.extra,i}parseFunctionBody(e,t,r=!1){super.parseFunctionBody(e,t,r),e.expression=\\\\"BlockStatement\\"!==e.body
.type}parseMethod(e,t,r,n,i,s,a=!1){let o=this.startNode();return
o.kind=e.kind,o=super.parseMethod(o,t,r,n,i,s,a),o.type=\\\\"FunctionExpression\\",delete
o.kind,e.value=o,s=\\\\"ClassMethod\\")==s?\\\\"MethodDefinition\\":s,this.finishNode(e,s)}parseObjectMethod(e,t,
r,n,i){const s=super.parseObjectMethod(e,t,r,n,i);return
s&&(s.type=\\\\"Property\\",\\\\"method\\")==s.kind&&(s.kind=\\\\"init\\"),s.shorthand=!1,s}parseObjectProperty(e,
t,r,n,i){const s=super.parseObjectProperty(e,t,r,n,i);return
s&&(s.kind=\\\\"init\\",s.type=\\\\"Property\\"),s}toAssignable(e){return
T(e)?(this.toAssignable(e.value),e):super.toAssignable(e)}toAssignableObjectExpressionProp(e,t){if(\\\\"get\\")==e
.kind||\\\\"set\\")==e.kind)throw this.raise(e.key.start,y.PatternHasAccessor);if(e.method)throw
this.raise(e.key.start,y.PatternHasMethod);super.toAssignableObjectExpressionProp(e,t)}finishCallExpression(e,t){r
eturn
super.finishCallExpression(e,t),\\\\"Import\\")==e.callee.type&&(e.type=\\\\"ImportExpression\\",e.source=e.argum
ents[0],delete e.arguments,delete
e.callee,e)}toReferencedArguments(e){\\\\"ImportExpression\\")!=e.type&&super.toReferencedArguments(e)}pars
eExport(e){switch(super.parseExport(e),e.type){case\\\\"ExportAllDeclaration\\":e.exported=null;break;case\\\\"Exp
ortNamedDeclaration\\":1===e.specifiers.length&&\\\\"ExportNamespaceSpecifier\\")==e.specifiers[0].type&&(e.
type=\\\\"ExportAllDeclaration\\",e.exported=e.specifiers[0].exported,delete e.specifiers)}return
e}parseSubscript(e,t,r,n,i){const
s=super.parseSubscript(e,t,r,n,i);if(i.optionalChainMember){if(\\\\"OptionalMemberExpression\\")!=s.type&&\\\\"O
ptionalCallExpression\\")!=s.type||s.type=s.type.substring(8),i.stop){const e=this.startNodeAtNode(s);return
e.expression=s,this.finishNode(e,\\\\"ChainExpression\\")}else\\\\"MemberExpression\\")!=s.type&&\\\\"CallExpres

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ssion\\\ "!==s.type|(s.optional=!1);return s }},jsx:e=>class extends e{jsxReadToken(){let
e=\\\ ""\\",t=this.state.pos;for(;;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,G.UnterminatedJsxContent);const r=this.input.charCodeAtAt(this.state.pos);switch(r){case
60:case 123:return
this.state.pos===this.state.start?60===r&&this.state.exprAllowed?(++this.state.pos,this.finishToken(o.jsxTagStart))
:super.getTokenFromCode(r):(e+=this.input.slice(t,this.state.pos),this.finishToken(o.jsxText,e));case
38:e+=this.input.slice(t,this.state.pos),e+=this.jsxReadEntity(),t=this.state.pos;break;default:p(r)?(e+=this.input.slice
(t,this.state.pos),e+=this.jsxReadNewLine(!0),t=this.state.pos):++this.state.pos}}jsxReadNewLine(e){const
t=this.input.charCodeAtAt(this.state.pos);let
r;return++this.state.pos,13===t&&10===this.input.charCodeAtAt(this.state.pos)?(++this.state.pos,r=e?\\\ ""\\n\\\ ":\\\ ""\\
\\r\\\ \\n\\\"):r=String.fromCharCode(t),++this.state.curLine,this.state.lineStart=this.state.pos,r}jsxReadString(e){let
t=\\\ ""\\",r=++this.state.pos;for(;;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,y.UnterminatedString);const
n=this.input.charCodeAtAt(this.state.pos);if(n===e)break;38===n?(t+=this.input.slice(r,this.state.pos),t+=this.jsxRead
Entity(),r=this.state.pos):p(n)?(t+=this.input.slice(r,this.state.pos),t+=this.jsxReadNewLine(!1),r=this.state.pos):++th
is.state.pos}return t+=this.input.slice(r,this.state.pos++),this.finishToken(o.string,t)}jsxReadEntity(){let
e,t=\\\ ""\\",r=0,n=this.input[this.state.pos];const
i=++this.state.pos;for(;this.state.pos<this.length&&r++<10;){if(n=this.input[this.state.pos++],\\\ ":\\\ "===n){\\\ "#\\\ "
===t[0]?\\\ "x\\\ "===t[1]?(t=t.substr(2),J.test(t)&&(e=String.fromCharCode(parseInt(t,16))):(t=t.substr(1),H.test(t)
&&(e=String.fromCharCode(parseInt(t,10))):e=X[t];break}t+=n}return
e|(this.state.pos=i,\\\ "&\\\ ")}jsxReadWord(){let e;const
t=this.state.pos;do{e=this.input.charCodeAtAt(++this.state.pos)}while(I(e)||45===e);return
this.finishToken(o.jsxName,this.input.slice(t,this.state.pos))}jsxParseIdentifier(){const e=this.startNode();return
this.match(o.jsxName)?e.name=this.state.value:this.state.type.keyword?e.name=this.state.type.keyword:this.unexpe
cted(),this.next(),this.finishNode(e,\\\ "JSXIdentifier\\\ ")}jsxParseNamespacedName(){const
e=this.state.start,t=this.state.startLoc,r=this.jsxParseIdentifier();if(!this.eat(o.colon))return r;const
n=this.startNodeAt(e,t);return
n.namespace=r,n.name=this.jsxParseIdentifier(),this.finishNode(n,\\\ "JSXNamespacedName\\\ ")}jsxParseElementN
ame(){const e=this.state.start,t=this.state.startLoc;let
r=this.jsxParseNamespacedName();if(\\\ "JSXNamespacedName\\\ "===r.type)return r;for(;this.eat(o.dot);){const
n=this.startNodeAt(e,t);n.object=r,n.property=this.jsxParseIdentifier(),r=this.finishNode(n,\\\ "JSXMemberExpressio
n\\\ ")}return r}jsxParseAttributeValue(){let e;switch(this.state.type){case o.braceL:return
e=this.startNode(),this.next(),e=this.jsxParseExpressionContainer(e),\\\ "JSXEmptyExpression\\\ "===e.expression.ty
pe&&this.raise(e.start,G.AttributeIsEmpty),e;case o.jsxTagStart:case o.string:return
this.parseExprAtom();default:throw
this.raise(this.state.start,G.UnsupportedJsxValue)}}jsxParseEmptyExpression(){const
e=this.startNodeAt(this.state.lastTokEnd,this.state.lastTokEndLoc);return
this.finishNodeAt(e,\\\ "JSXEmptyExpression\\\ ",this.state.start,this.state.startLoc)}jsxParseSpreadChild(e){return
this.next(),e.expression=this.parseExpression(),this.expect(o.braceR),this.finishNode(e,\\\ "JSXSpreadChild\\\ ")}jsxP
arseExpressionContainer(e){return
this.match(o.braceR)?e.expression=this.jsxParseEmptyExpression():e.expression=this.parseExpression(),this.expect(
o.braceR),this.finishNode(e,\\\ "JSXExpressionContainer\\\ ")}jsxParseAttribute(){const e=this.startNode();return
this.eat(o.braceL)?(this.expect(o.ellipsis),e.argument=this.parseMaybeAssignAllowIn(),this.expect(o.braceR),this.fi
nishNode(e,\\\ "JSXSpreadAttribute\\\ "):(e.name=this.jsxParseNamespacedName(),e.value=this.eat(o.eq)?this.jsxPa
rseAttributeValue():null,this.finishNode(e,\\\ "JSXAttribute\\\ ")}jsxParseOpeningElementAt(e,t){const
r=this.startNodeAt(e,t);return
this.match(o.jsxTagEnd)?(this.expect(o.jsxTagEnd),this.finishNode(r,\\\ "JSXOpeningFragment\\\ ")):r.name=this.js
xParseElementName(),this.jsxParseOpeningElementAfterName(r)}jsxParseOpeningElementAfterName(e){const

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t=[];for(;!this.match(o.slash)&&!this.match(o.jsxTagEnd);)t.push(this.jsxParseAttribute());return
e.attributes=t,e.selfClosing=this.eat(o.slash),this.expect(o.jsxTagEnd),this.finishNode(e,`JSXOpeningElement`)
}jsxParseClosingElementAt(e,t){const r=this.startNodeAt(e,t);return
this.match(o.jsxTagEnd)?(this.expect(o.jsxTagEnd),this.finishNode(r,`JSXClosingFragment`)):(r.name=this.jsx
ParseElementName(),this.expect(o.jsxTagEnd),this.finishNode(r,`JSXClosingElement`))}jsxParseElementAt(e,
t){const r=this.startNodeAt(e,t),n=[],i=this.jsxParseOpeningElementAt(e,t);let
s=null;if(!i.selfClosing){e:for(;;)switch(this.state.type){case
o.jsxTagStart:if(e=this.state.start,t=this.state.startLoc,this.next(),this.eat(o.slash)){s=this.jsxParseClosingElementAt(
e,t);break e }n.push(this.jsxParseElementAt(e,t));break;case o.jsxText:n.push(this.parseExprAtom());break;case
o.braceL:{const
e=this.startNode();this.next(),this.match(o.ellipsis)?n.push(this.jsxParseSpreadChild(e)):n.push(this.jsxParseExpress
ionContainer(e));break }default:throw
this.unexpected()}z(i)&&!z(s)?this.raise(s.start,G.MissingClosingTagFragment):!z(i)&&z(s)?this.raise(s.start,G.Mis
singClosingTagElement,$(i.name)):z(i)||z(s)||$(s.name)!==$ (i.name)&&this.raise(s.start,G.MissingClosingTagElem
ent,$(i.name))}if(z(i)){(r.openingFragment=i,r.closingFragment=s):(r.openingElement=i,r.closingElement=s),r.childr
en=n,this.isRelational(`<`))throw this.raise(this.state.start,G.UnwrappedAdjacentJSXElements);return
z(i)?this.finishNode(r,`JSXFragment`):this.finishNode(r,`JSXElement`)}jsxParseElement(){const
e=this.state.start,t=this.state.startLoc;return this.next(),this.jsxParseElementAt(e,t)}parseExprAtom(e){return
this.match(o.jsxText)?this.parseLiteral(this.state.value,`JSXText`):this.match(o.jsxTagStart)?this.jsxParseEleme
nt():this.isRelational(`<`)&&33!==(this.input.charCodeAt(this.state.pos)?(this.finishToken(o.jsxTagStart),this.js
xParseElement()):super.parseExprAtom(e)}getTokenFromCode(e){if(this.state.inPropertyName)return
super.getTokenFromCode(e);const t=this.curContext();if(t===g.j_expr)return
this.jsxReadToken();if(t===g.j_oTag||t===g.j_cTag){if(O(e))return
this.jsxReadWord();if(62===e)return++this.state.pos,this.finishToken(o.jsxTagEnd);if((34===e||39===e)&&t===g.
j_oTag)return this.jsxReadString(e)}return
60===e&&this.state.exprAllowed&&33!==(this.input.charCodeAt(this.state.pos+1)?(++this.state.pos,this.finishToke
n(o.jsxTagStart)):super.getTokenFromCode(e)}updateContext(e){if(this.match(o.braceL)){const
t=this.curContext();t===g.j_oTag?this.state.context.push(g.braceExpression):t===g.j_expr?this.state.context.push(g.
templateQuasi):super.updateContext(e),this.state.exprAllowed=!0}else{if(!this.match(o.slash)||e!==o.jsxTagStart)ret
urn super.updateContext(e);this.state.context.length-
=2,this.state.context.push(g.j_cTag),this.state.exprAllowed=!1}}},flow:e=>class extends
e{constructor(e,t){super(e,t),this.flowPragma=void 0,this.flowPragma=void 0}shouldParseTypes(){return
this.getPluginOption(`flow`,`all`)||`flow`===this.flowPragma}shouldParseEnums(){return!!this.getPlu
ginOption(`flow`,`enums`)}finishToken(e,t){return
e!==o.string&&e!==o.semi&&e!==o.interpreterDirective&&void
0===this.flowPragma&&(this.flowPragma=null),super.finishToken(e,t)}addComment(e){if(void
0===this.flowPragma){const
t=W.exec(e.value);if(t)if(`flow`===t[1])this.flowPragma=`flow`;else{if(`noflow`!==t[1])throw new
Error(`Unexpected flow pragma`);this.flowPragma=`noflow`}else;}return
super.addComment(e)}flowParseTypeInitialiser(e){const
t=this.state.inType;this.state.inType=!0,this.expect(e||o.colon);const r=this.flowParseType();return
this.state.inType=t,r}flowParsePredicate(){const
e=this.startNode(),t=this.state.startLoc,r=this.state.start;this.expect(o.modulo);const n=this.state.startLoc;return
this.expectContextual(`checks`),t.line===n.line&&t.column===n.column-
1||this.raise(r,V.UnexpectedSpaceBetweenModuloChecks),this.eat(o.parenL)?(e.value=this.parseExpression(),this.e
xpect(o.parenR),this.finishNode(e,`DeclaredPredicate`)):this.finishNode(e,`InferredPredicate`)}flowParseTy
peAndPredicateInitialiser(){const e=this.state.inType;this.state.inType=!0,this.expect(o.colon);let
t=null,r=null;return

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this.match(o.modulo)?(this.state.inType=e,r=this.flowParsePredicate()):t=this.flowParseType(),this.state.inType=e,
this.match(o.modulo)&&(r=this.flowParsePredicate()),[t,r]}flowParseDeclareClass(e){return
this.next(),this.flowParseInterfaceish(e,!0),this.finishNode(e,\\\\"DeclareClass\\\\")}flowParseDeclareFunction(e){this
.next();const
t=e.id=this.parseIdentifier(),r=this.startNode(),n=this.startNode();this.isRelational(\\\\"<\\\\")?r.typeParameters=this.fl
owParseTypeParameterDeclaration():r.typeParameters=null,this.expect(o.parenL);const
i=this.flowParseFunctionTypeParams();return
r.params=i.params,r.rest=i.rest,this.expect(o.parenR),[r.returnType,e.predicate]=this.flowParseTypeAndPredicateIni
tialiser(),n.typeAnnotation=this.finishNode(r,\\\\"FunctionTypeAnnotation\\\\"),t.typeAnnotation=this.finishNode(n,\\\\"
TypeAnnotation\\\\"),this.resetEndLocation(t),this.semicolon(),this.finishNode(e,\\\\"DeclareFunction\\\\")}flowParse
Declare(e,t){if(this.match(o._class))return this.flowParseDeclareClass(e);if(this.match(o._function))return
this.flowParseDeclareFunction(e);if(this.match(o._var))return
this.flowParseDeclareVariable(e);if(this.eatContextual(\\\\"module\\\\"))return
this.match(o.dot)?this.flowParseDeclareModuleExports(e):(t&&this.raise(this.state.lastTokStart,V.NestedDeclareM
odule),this.flowParseDeclareModule(e));if(this.isContextual(\\\\"type\\\\"))return
this.flowParseDeclareTypeAlias(e);if(this.isContextual(\\\\"opaque\\\\"))return
this.flowParseDeclareOpaqueType(e);if(this.isContextual(\\\\"interface\\\\"))return
this.flowParseDeclareInterface(e);if(this.match(o._export))return this.flowParseDeclareExportDeclaration(e,t);throw
this.unexpected()}flowParseDeclareVariable(e){return
this.next(),e.id=this.flowParseTypeAnnotatableIdentifier(!0),this.scope.declareName(e.id.name,5,e.id.start),this.sem
icolon(),this.finishNode(e,\\\\"DeclareVariable\\\\")}flowParseDeclareModule(e){this.scope.enter(0),this.match(o.strin
g)?e.id=this.parseExprAtom():e.id=this.parseIdentifier();const
t=e.body=this.startNode(),r=t.body=[];for(this.expect(o.braceL);!this.match(o.braceR);){let
e=this.startNode();this.match(o._import)?(this.next(),this.isContextual(\\\\"type\\\\"))||this.match(o._typeof)||this.raise(t
his.state.lastTokStart,V.InvalidNonTypeImportInDeclareModule),this.parseImport(e):(this.expectContextual(\\\\"de
clare\\\\"),V.UnsupportedStatementInDeclareModule),e=this.flowParseDeclare(e,!0),r.push(e)}this.scope.exit(),this.e
xpect(o.braceR),this.finishNode(t,\\\\"BlockStatement\\\\"");let n=null,i=!1;return
r.forEach(e=>{!function(e){return\\\\"DeclareExportAllDeclaration\\\\"===e.type||\\\\"DeclareExportDeclaration\\\\"===
=e.type&&(!e.declaration||\\\\"TypeAlias\\\\"!==e.declaration.type&&\\\\"InterfaceDeclaration\\\\"!==e.declaration.type
)}(e)?\\\\"DeclareModuleExports\\\\"===e.type&&(i&&this.raise(e.start,V.DuplicateDeclareModuleExports),\\\\"ES\\\\"
===n&&this.raise(e.start,V.AmbiguousDeclareModuleKind),n=\\\\"CommonJS\\\\"",i=!0):(\\\\"CommonJS\\\\"===n&
&this.raise(e.start,V.AmbiguousDeclareModuleKind),n=\\\\"ES\\\\""}),e.kind=n||\\\\"CommonJS\\\\"",this.finishNode(e,
\\\\"DeclareModule\\\\")}flowParseDeclareExportDeclaration(e,t){if(this.expect(o._export),this.eat(o._default))return
this.match(o._function)||this.match(o._class)?e.declaration=this.flowParseDeclare(this.startNode()):e.declaration=th
is.flowParseType(),this.semicolon(),e.default=!0,this.finishNode(e,\\\\"DeclareExportDeclaration\\\\"");if(this.match(o
._const)||this.isLet()|(this.isContextual(\\\\"type\\\\"))||this.isContextual(\\\\"interface\\\\"))&&t){const
e=this.state.value,t=Y[e];throw
this.raise(this.state.start,V.UnsupportedDeclareExportKind,e,t)}if(this.match(o._var)||this.match(o._function)||this.m
atch(o._class)||this.isContextual(\\\\"opaque\\\\"))return
e.declaration=this.flowParseDeclare(this.startNode()),e.default=!1,this.finishNode(e,\\\\"DeclareExportDeclaration\\\\"
");if(this.match(o.star)||this.match(o.braceL)||this.isContextual(\\\\"interface\\\\"))||this.isContextual(\\\\"type\\\\"))||this.is
Contextual(\\\\"opaque\\\\"))return\\\\"ExportNamedDeclaration\\\\"===e&&(e=this.parseExport(e)).type&&(e.type=\\\\"Exp
ortDeclaration\\\\"",e.default=!1,delete e.exportKind),e.type=\\\\"Declare\\\\""+e.type,e;throw
this.unexpected()}flowParseDeclareModuleExports(e){return
this.next(),this.expectContextual(\\\\"exports\\\\""),e.typeAnnotation=this.flowParseTypeAnnotation(),this.semicolon(),
this.finishNode(e,\\\\"DeclareModuleExports\\\\")}flowParseDeclareTypeAlias(e){return
this.next(),this.flowParseTypeAlias(e),e.type=\\\\"DeclareTypeAlias\\\\"",e}flowParseDeclareOpaqueType(e){return
this.next(),this.flowParseOpaqueType(e,!0),e.type=\\\\"DeclareOpaqueType\\\\"",e}flowParseDeclareInterface(e){retur

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this.next(),this.flowParseInterfaceish(e),this.finishNode(e,\\\\"DeclareInterface\\\\"))flowParseInterfaceish(e,t=!1){if(e.id=this.flowParseRestrictedIdentifier(!t,!0),this.scope.declareName(e.id.name,t?17:9,e.id.start),this.isRelational(\\\\"<\\\\")?e.typeParameters=this.flowParseTypeParameterDeclaration():e.typeParameters=null,e.extends=[],e.implements=[],e.mixins=[],this.eat(o._extends))do{e.extends.push(this.flowParseInterfaceExtends())}while(!t&&this.eat(o.comma));if(this.isContextual(\\\\"mixins\\\\")){this.next();do{e.mixins.push(this.flowParseInterfaceExtends())}while(this.eat(o.comma))}if(this.isContextual(\\\\"implements\\\\")){this.next();do{e.implements.push(this.flowParseInterfaceExtends())}while(this.eat(o.comma))}e.body=this.flowParseObjectType({allowStatic:t,allowExact:!1,allowSpread:!1,allowProto:t,allowInexact:!1})}flowParseInterfaceExtends(){const e=this.startNode();return e.id=this.flowParseQualifiedTypeIdentifier(),this.isRelational(\\\\"<\\\\")?e.typeParameters=this.flowParseTypeParameterInstantiation():e.typeParameters=null,this.finishNode(e,\\\\"InterfaceExtends\\\\"))flowParseInterface(e){return this.flowParseInterfaceish(e),this.finishNode(e,\\\\"InterfaceDeclaration\\\\"))checkNotUnderscore(e){\\\\"_\\\\"===e&&this.raise(this.state.start,V.UnexpectedReservedUnderscore)}checkReservedType(e,t,r){U.has(e)&&this.raise(t,r?V.AssignReservedType:V.UnexpectedReservedType,e)}flowParseRestrictedIdentifier(e,t){return this.checkReservedType(this.state.value,this.state.start,t),this.parseIdentifier(e)}flowParseTypeAlias(e){return e.id=this.flowParseRestrictedIdentifier(!1,!0),this.scope.declareName(e.id.name,9,e.id.start),this.isRelational(\\\\"<\\\\")?e.typeParameters=this.flowParseTypeParameterDeclaration():e.typeParameters=null,e.right=this.flowParseTypeInitialiser(o.eq),this.semicolon(),this.finishNode(e,\\\\"TypeAlias\\\\"))flowParseOpaqueType(e,t){return this.expectContextual(\\\\"type\\\\"),e.id=this.flowParseRestrictedIdentifier(!0,!0),this.scope.declareName(e.id.name,9,e.id.start),this.isRelational(\\\\"<\\\\")?e.typeParameters=this.flowParseTypeParameterDeclaration():e.typeParameters=null,e.supertype=null,this.match(o.colon)&&(e.supertype=this.flowParseTypeInitialiser(o.colon)),e.impltype=null,t||(e.impltype=this.flowParseTypeInitialiser(o.eq)),this.semicolon(),this.finishNode(e,\\\\"OpaqueType\\\\"))}flowParseTypeParameter(e=!1){const t=this.state.start,r=this.startNode(),n=this.flowParseVariance(),i=this.flowParseTypeAnnotatableIdentifier();return r.name=i.name,r.variance=n,r.bound=i.typeAnnotation,this.match(o.eq)?(this.eat(o.eq),r.default=this.flowParseType()):e&&this.raise(t,V.MissingTypeParamDefault),this.finishNode(r,\\\\"TypeParameter\\\\"))}flowParseTypeParameterDeclaration(){const e=this.state.inType,t=this.startNode();t.params=[],this.state.inType=!0,this.isRelational(\\\\"<\\\\")||this.match(o.jsxTagStart)?this.next():this.unexpected();let r=!1;do{const e=this.flowParseTypeParameter(r);t.params.push(e),e.default&&(r=!0),this.isRelational(\\\\">\\\\")||this.expect(o.comma)}while(!this.isRelational(\\\\">\\\\"));return this.expectRelational(\\\\">\\\\"),this.state.inType=e,this.finishNode(t,\\\\"TypeParameterDeclaration\\\\"))}flowParseTypeParameterInstantiation(){const e=this.startNode(),t=this.state.inType;e.params=[],this.state.inType=!0,this.expectRelational(\\\\"<\\\\");const r=this.state.noAnonFunctionType;for(this.state.noAnonFunctionType=!1;!this.isRelational(\\\\">\\\\");)e.params.push(this.flowParseType()),this.isRelational(\\\\">\\\\")||this.expect(o.comma);return this.state.noAnonFunctionType=r,this.expectRelational(\\\\">\\\\"),this.state.inType=t,this.finishNode(e,\\\\"TypeParameterInstantiation\\\\"))}flowParseTypeParameterInstantiationCallOrNew(){const e=this.startNode(),t=this.state.inType;for(e.params=[],this.state.inType=!0,this.expectRelational(\\\\"<\\\\");!this.isRelational(\\\\">\\\\");)e.params.push(this.flowParseTypeOrImplicitInstantiation()),this.isRelational(\\\\">\\\\")||this.expect(o.comma);return this.expectRelational(\\\\">\\\\"),this.state.inType=t,this.finishNode(e,\\\\"TypeParameterInstantiation\\\\"))}flowParseInterfaceType(){const e=this.startNode();if(this.expectContextual(\\\\"interface\\\\"),e.extends=[],this.eat(o._extends))do{e.extends.push(this.flowParseInterfaceExtends())}while(this.eat(o.comma));return e.body=this.flowParseObjectType({allowStatic:!1,allowExact:!1,allowSpread:!1,allowProto:!1,allowInexact:!1}),this.finishNode(e,\\\\"InterfaceTypeAnnotation\\\\"))}flowParseObjectPropertyKey(){return this.match(o.num)||this.match(o.string)?this.parseExprAtom():this.parseIdentifier(!0)}flowParseObjectTypeIndexer(
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e,t,r){return
e.static=t,this.lookahead().type===o.colon?(e.id=this.flowParseObjectPropertyKey(),e.key=this.flowParseTypeInitialiser()):
(e.id=null,e.key=this.flowParseType()),this.expect(o.bracketR),e.value=this.flowParseTypeInitialiser(),e.variance=r,
this.finishNode(e,\\\"ObjectTypeIndexer\\\")}flowParseObjectTypeInternalSlot(e,t){return
e.static=t,e.id=this.flowParseObjectPropertyKey(),this.expect(o.bracketR),this.expect(o.bracketR),this.isRelational(\\\"<\\\")||
this.match(o.parenL)?(e.method=!0,e.optional=!1,e.value=this.flowParseObjectTypeMethodish(this.startNodeAt(e.start,e.loc.start))):
(e.method=!1,this.eat(o.question)&&(e.optional=!0),e.value=this.flowParseTypeInitialiser()),this.finishNode(e,\\\"ObjectTypeInternalSlot\\\")}
flowParseObjectTypeMethodish(e){for(e.params=[],e.rest=null,e.typeParameters=null,this.isRelational(\\\"<\\\")&&(e.typeParameters=this.flowParseTypeParameterDeclaration()),
this.expect(o.parenL);!this.match(o.parenR)&&!this.match(o.ellipsis);)e.params.push(this.flowParseFunctionTypeParameter()),this.match(o.parenR)||
this.expect(o.comma);return
this.eat(o.ellipsis)&&(e.rest=this.flowParseFunctionTypeParameter()),this.expect(o.parenR),e.returnType=this.flowParseTypeInitialiser(),
this.finishNode(e,\\\"FunctionTypeAnnotation\\\")}flowParseObjectTypeCallProperty(e,t){const r=this.startNode();return
e.static=t,e.value=this.flowParseObjectTypeMethodish(r),this.finishNode(e,\\\"ObjectTypeCallProperty\\\")}flowParseObjectType({allowStatic:e,allowExact:t,allowSpread:r,allowProto:n,allowInexact:i}){const
s=this.state.inType;this.state.inType=!0;const a=this.startNode();let
l,c;a.callProperties=[],a.properties=[],a.indexers=[],a.internalSlots=[];let
p=!1;for(t&&this.match(o.braceBarL)?(this.expect(o.braceBarL),l=o.braceBarR,c=!0):(this.expect(o.braceL),l=o.braceR,c=!1),a.exact=c;!this.match(l);){let t=!1,s=null,l=null;const
u=this.startNode();if(n&&this.isContextual(\\\"proto\\\")){const
t=this.lookahead();t.type!==o.colon&&t.type!==o.question&&(this.next(),s=this.state.start,e=!1)}if(e&&this.isContextual(\\\"static\\\")){const
e=this.lookahead();e.type!==o.colon&&e.type!==o.question&&(this.next(),t=!0)}const
d=this.flowParseVariance();if(this.eat(o.bracketL))null!=s&&this.unexpected(s),this.eat(o.bracketL)?(d&&this.unexpected(d.start),a.internalSlots.push(this.flowParseObjectTypeInternalSlot(u,t)):a.indexers.push(this.flowParseObjectTypeIndexer(u,t,d));else
if(this.match(o.parenL)||this.isRelational(\\\"<\\\"))null!=s&&this.unexpected(s),d&&this.unexpected(d.start),a.callProperties.push(this.flowParseObjectTypeCallProperty(u,t));else{let
e=\\\"init\\\";if(this.isContextual(\\\"get\\\"))this.isContextual(\\\"set\\\")){const
t=this.lookahead();t.type===o.name&&t.type===o.string&&t.type===o.num||(e=this.state.value,this.next())}const
n=this.flowParseObjectTypeProperty(u,t,s,d,e,r,null!=i?!:c);null===n?(p=!0,l=this.state.lastTokStart):a.properties.push(n)}this.flowObjectTypeSemicolon(),!||this.match(o.braceR)||this.match(o.braceBarR)||this.raise(l,V.UnexpectedExplicitInexactInObject)}this.expect(l),r&&(a.inexact=p);const
u=this.finishNode(a,\\\"ObjectTypeAnnotation\\\");return
this.state.inType=s,u}flowParseObjectTypeProperty(e,t,r,n,i,s,a){if(this.eat(o.ellipsis)){return
this.match(o.comma)||this.match(o.semi)||this.match(o.braceR)||this.match(o.braceBarR)?(s?a||this.raise(this.state.lastTokStart,V.InexactInsideExact):this.raise(this.state.lastTokStart,V.InexactInsideNonObject),n&&this.raise(n.start,V.InexactVariance),null):(s||this.raise(this.state.lastTokStart,V.UnexpectedSpreadType),null!=r&&this.unexpected(r),n&&this.raise(n.start,V.SpreadVariance),e.argument=this.flowParseType(),this.finishNode(e,\\\"ObjectTypeSpreadProperty\\\"))}{e.key=this.flowParseObjectPropertyKey(),e.static=t,e.proto=null!=r,e.kind=i;let s=!1;return
this.isRelational(\\\"<\\\")||this.match(o.parenL)?(e.method=!0,null!=r&&this.unexpected(r),n&&this.unexpected(n.start),e.value=this.flowParseObjectTypeMethodish(this.startNodeAt(e.start,e.loc.start)),\\\"get\\\"!=i&&\\\"set\\\"!=i||this.flowCheckGetterSetterParams(e):(\\\"init\\\"!=i&&this.unexpected(),e.method=!1,this.eat(o.question)&&(s=!0),e.value=this.flowParseTypeInitialiser(),e.variance=n),e.optional=s,this.finishNode(e,\\\"ObjectTypeProperty\\\"))}flowCheckGetterSetterParams(e){const
t=\\\"get\\\"===e.kind?0:1,r=e.start;e.value.params.length+(e.value.rest?1:0)!==t&&(\\\"get\\\"===e.kind?this.raise(r,y.BadGetterArity):this.raise(r,y.BadSetterArity)),\\\"set\\\"===e.kind&&e.value.rest&&this.raise(r,y.BadSetterRestParameter)}flowObjectTypeSemicolon(){this.eat(o.semi)||this.eat(o.comma)||this.match(o.braceR)||this.match(o.brac

```

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eBarR)||this.unexpected()}flowParseQualifiedTypeIdentifier(e,t,r){e=e||this.state.start,t=t||this.state.startLoc;let
n=r||this.flowParseRestrictedIdentifier(!0);for(;this.eat(o.dot);){const
r=this.startNodeAt(e,t);r.qualification=n,r.id=this.flowParseRestrictedIdentifier(!0),n=this.finishNode(r,\\\\"Qualified
TypeIdentifier\\\\")return n}flowParseGenericType(e,t,r){const n=this.startNodeAt(e,t);return
n.typeParameters=null,n.id=this.flowParseQualifiedTypeIdentifier(e,t,r),this.isRelational(\\\\"<\\\\")&&(n.typeParame
ters=this.flowParseTypeParameterInstantiation()),this.finishNode(n,\\\\"GenericTypeAnnotation\\\\")}flowParseType
ofType(){const e=this.startNode();return
this.expect(o._typeof),e.argument=this.flowParsePrimaryType(),this.finishNode(e,\\\\"TypeofTypeAnnotation\\\\")}fl
owParseTupleType(){const
e=this.startNode();for(e.types=[],this.expect(o.bracketL);this.state.pos<this.length&&!this.match(o.bracketR)&&(e.t
ypes.push(this.flowParseType()),!this.match(o.bracketR));)this.expect(o.comma);return
this.expect(o.bracketR),this.finishNode(e,\\\\"TupleTypeAnnotation\\\\")}flowParseFunctionTypeParam(){let
e=null,t=!1,r=null;const n=this.startNode(),i=this.lookahead();return
i.type===o.colon|i.type===o.question?(e=this.parseIdentifier(),this.eat(o.question)&&(t=!0),r=this.flowParseTypeI
nitialiser():r=this.flowParseType(),n.name=e,n.optional=t,n.typeAnnotation=r,this.finishNode(n,\\\\"FunctionTypeP
aram\\\\")}reinterpretTypeAsFunctionTypeParam(e){const t=this.startNodeAt(e.start,e.loc.start);return
t.name=null,t.optional=!1,t.typeAnnotation=e,this.finishNode(t,\\\\"FunctionTypeParam\\\\")}flowParseFunctionType
Params(e=[]){let
t=null;for(;!this.match(o.parenR)&&!this.match(o.ellipsis);)e.push(this.flowParseFunctionTypeParam()),this.match(
o.parenR)||this.expect(o.comma);return
this.eat(o.ellipsis)&&(t=this.flowParseFunctionTypeParam()),{params:e,rest:t}}flowIdentToTypeAnnotation(e,t,r,n)
{switch(n.name){case\\\\"any\\\\":return
this.finishNode(r,\\\\"AnyTypeAnnotation\\\\");case\\\\"bool\\\\":case\\\\"boolean\\\\":return
this.finishNode(r,\\\\"BooleanTypeAnnotation\\\\");case\\\\"mixed\\\\":return
this.finishNode(r,\\\\"MixedTypeAnnotation\\\\");case\\\\"empty\\\\":return
this.finishNode(r,\\\\"EmptyTypeAnnotation\\\\");case\\\\"number\\\\":return
this.finishNode(r,\\\\"NumberTypeAnnotation\\\\");case\\\\"string\\\\":return
this.finishNode(r,\\\\"StringTypeAnnotation\\\\");case\\\\"symbol\\\\":return
this.finishNode(r,\\\\"SymbolTypeAnnotation\\\\");default:return
this.checkNotUnderscore(n.name),this.flowParseGenericType(e,t,n)}}flowParsePrimaryType(){const
e=this.state.start,t=this.state.startLoc,r=this.startNode();let n,i,s=!1;const
a=this.state.noAnonFunctionType;switch(this.state.type){case o.name:return
this.isContextual(\\\\"interface\\\\")?this.flowParseInterfaceType():this.flowIdentToTypeAnnotation(e,t,r,this.parseIde
ntifier());case o.braceL:return
this.flowParseObjectType({allowStatic:!1,allowExact:!1,allowSpread:!0,allowProto:!1,allowInexact:!0});case
o.braceBarL:return
this.flowParseObjectType({allowStatic:!1,allowExact:!0,allowSpread:!0,allowProto:!1,allowInexact:!1});case
o.bracketL:return
this.state.noAnonFunctionType=!1,i=this.flowParseTupleType(),this.state.noAnonFunctionType=a,i;case
o.relational:if(\\\\"<\\\\"===this.state.value)return
r.typeParameters=this.flowParseTypeParameterDeclaration(),this.expect(o.parenL),n=this.flowParseFunctionTypeP
arams(),r.params=n.params,r.rest=n.rest,this.expect(o.parenR),this.expect(o.arrow),r.returnType=this.flowParseType
(),this.finishNode(r,\\\\"FunctionTypeAnnotation\\\\");break;case
o.parenL:if(this.next(),!this.match(o.parenR)&&!this.match(o.ellipsis))if(this.match(o.name)){const
e=this.lookahead().type;s=e!==o.question&&e!==o.colon}else
s=!0;if(s){if(this.state.noAnonFunctionType=!1,i=this.flowParseType(),this.state.noAnonFunctionType=a,this.state.
noAnonFunctionType||!(this.match(o.comma)||this.match(o.parenR)&&this.lookahead().type===o.arrow))return
this.expect(o.parenR),i;this.eat(o.comma)}return

```

```

n=i?this.flowParseFunctionTypeParams([this.reinterpretTypeAsFunctionTypeParam(i)]:this.flowParseFunctionType
eParams(),r.params=n.params,r.rest=n.rest,this.expect(o.parenR),this.expect(o.arrow),r.returnType=this.flowParseT
ype(),r.typeParameters=null,this.finishNode(r,\\\"FunctionTypeAnnotation\\\");case o.string:return
this.parseLiteral(this.state.value,\\\"StringLiteralTypeAnnotation\\\");case o._true:case o._false:return
r.value=this.match(o._true),this.next(),this.finishNode(r,\\\"BooleanLiteralTypeAnnotation\\\");case
o.plusMin:if(\\\"-\\\"===this.state.value){if(this.next(),this.match(o.num))return this.parseLiteral(-
this.state.value,\\\"NumberLiteralTypeAnnotation\\\",r.start,r.loc.start);if(this.match(o.bigint))return
this.parseLiteral(-this.state.value,\\\"BigIntLiteralTypeAnnotation\\\",r.start,r.loc.start);throw
this.raise(this.state.start,V.UnexpectedSubtractionOperand)}throw this.unexpected();case o.num:return
this.parseLiteral(this.state.value,\\\"NumberLiteralTypeAnnotation\\\");case o.bigint:return
this.parseLiteral(this.state.value,\\\"BigIntLiteralTypeAnnotation\\\");case o._void:return
this.next(),this.finishNode(r,\\\"VoidTypeAnnotation\\\");case o._null:return
this.next(),this.finishNode(r,\\\"NullLiteralTypeAnnotation\\\");case o._this:return
this.next(),this.finishNode(r,\\\"ThisTypeAnnotation\\\");case o.star:return
this.next(),this.finishNode(r,\\\"ExistsTypeAnnotation\\\");default:if(\\\"typeof\\\"===this.state.type.keyword)return
this.flowParseTypeofType();if(this.state.type.keyword){const e=this.state.type.label;return
this.next(),super.createIdentifier(r,e)}throw this.unexpected()}flowParsePostfixType(){const
e=this.state.start,t=this.state.startLoc;let
r=this.flowParsePrimaryType();for(;this.match(o.bracketL)&&!this.canInsertSemicolon();){const
n=this.startNodeAt(e,t);n.elementType=r,this.expect(o.bracketL),this.expect(o.bracketR),r=this.finishNode(n,\\\"Arr
ayTypeAnnotation\\\")return r}flowParsePrefixType(){const e=this.startNode();return
this.eat(o.question)?(e.typeAnnotation=this.flowParsePrefixType(),this.finishNode(e,\\\"NullableTypeAnnotation\\\"
)):this.flowParsePostfixType()}flowParseAnonFunctionWithoutParens(){const
e=this.flowParsePrefixType();if(!this.state.noAnonFunctionType&&this.eat(o.arrow)){const
t=this.startNodeAt(e.start,e.loc.start);return
t.params=[this.reinterpretTypeAsFunctionTypeParam(e),t.rest=null,t.returnType=this.flowParseType(),t.typeParam
eters=null,this.finishNode(t,\\\"FunctionTypeAnnotation\\\")}return e}flowParseIntersectionType(){const
e=this.startNode();this.eat(o.bitwiseAND);const
t=this.flowParseAnonFunctionWithoutParens();for(e.types=[t];this.eat(o.bitwiseAND);)e.types.push(this.flowParse
AnonFunctionWithoutParens());return
1===e.types.length?t:this.finishNode(e,\\\"IntersectionTypeAnnotation\\\")}flowParseUnionType(){const
e=this.startNode();this.eat(o.bitwiseOR);const
t=this.flowParseIntersectionType();for(e.types=[t];this.eat(o.bitwiseOR);)e.types.push(this.flowParseIntersectionTy
pe());return 1===e.types.length?t:this.finishNode(e,\\\"UnionTypeAnnotation\\\")}flowParseType(){const
e=this.state.inType;this.state.inType=!0;const t=this.flowParseUnionType();return
this.state.inType=e,this.state.exprAllowed=this.state.exprAllowed||this.state.noAnonFunctionType,t}flowParseType
OrImplicitInstantiation(){if(this.state.type===o.name&&\\\"_\\\"===this.state.value){const
e=this.state.start,t=this.state.startLoc,r=this.parseIdentifier();return this.flowParseGenericType(e,t,r)}return
this.flowParseType()}flowParseTypeAnnotation(){const e=this.startNode();return
e.typeAnnotation=this.flowParseTypeInitialiser(),this.finishNode(e,\\\"TypeAnnotation\\\")}flowParseTypeAnnotata
bleIdentifier(e){const t=e?this.parseIdentifier():this.flowParseRestrictedIdentifier();return
this.match(o.colon)&&(t.typeAnnotation=this.flowParseTypeAnnotation(),this.resetEndLocation(t)),t}typeCastToPa
rameter(e){return
e.expression.typeAnnotation=e.typeAnnotation,this.resetEndLocation(e.expression,e.typeAnnotation.end,e.typeAnn
otation.loc.end),e.expression}flowParseVariance(){let e=null;return
this.match(o.plusMin)&&(e=this.startNode(),\\\"+\\\"===this.state.value?e.kind=\\\"plus\\\":e.kind=\\\"minus\\\",this
.next(),this.finishNode(e,\\\"Variance\\\")),e}parseFunctionBody(e,t,r=!1){return
t?this.forwardNoArrowParamsConversionAt(e,()=>super.parseFunctionBody(e,!0,r)):super.parseFunctionBody(e,!1,

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```

r)parseFunctionBodyAndFinish(e,t,r=!1){if(this.match(o.colon)){const
t=this.startNode();[t.typeAnnotation,e.predicate]=this.flowParseTypeAndPredicateInitialiser(),e.returnType=t.typeA
nnotation?this.finishNode(t,\\\\"TypeAnnotation\\"):null}super.parseFunctionBodyAndFinish(e,t,r)}parseStatement(
e,t){if(this.state.strict&&this.match(o.name)&&\\\\"interface\\\\"===this.state.value){const
e=this.lookahead();if(e.type===o.name||R(e.value)){const e=this.startNode();return
this.next(),this.flowParseInterface(e)}else if(this.shouldParseEnums())&&this.isContextual(\\\\"enum\\\\")){const
e=this.startNode();return this.next(),this.flowParseEnumDeclaration(e)}const r=super.parseStatement(e,t);return
void
0!==(this.flowPragma||this.isValidDirective(r)||this.flowPragma=null),r}parseExpressionStatement(e,t){if(\\\\"Identifier\\\\"===t.type)if(\\\\"declare\\\\"===t.name){if(this.match(o._class)||this.match(o.name)||this.match(o._function)||this
.match(o._var)||this.match(o._export))return this.flowParseDeclare(e)}else
if(this.match(o.name)){if(\\\\"interface\\\\"===t.name)return this.flowParseInterface(e);if(\\\\"type\\\\"===t.name)return
this.flowParseTypeAlias(e);if(\\\\"opaque\\\\"===t.name)return this.flowParseOpaqueType(e,!1)}return
super.parseExpressionStatement(e,t)}shouldParseExportDeclaration(){return
this.isContextual(\\\\"type\\\\")||this.isContextual(\\\\"interface\\\\")||this.isContextual(\\\\"opaque\\\\")||this.shouldParseEn
ums()&&this.isContextual(\\\\"enum\\\\")||super.shouldParseExportDeclaration()}isExportDefaultSpecifier(){return(!t
his.match(o.name)||!(\\\\"type\\\\"===this.state.value||\\\\"interface\\\\"===this.state.value||\\\\"opaque\\\\"===this.state.va
lue||this.shouldParseEnums()&&\\\\"enum\\\\"===this.state.value))&&super.isExportDefaultSpecifier()}parseExport
DefaultExpression(){if(this.shouldParseEnums()&&this.isContextual(\\\\"enum\\\\")){const e=this.startNode();return
this.next(),this.flowParseEnumDeclaration(e)}return
super.parseExportDefaultExpression()}parseConditional(e,t,r,n){if(!this.match(o.question))return e;if(n){const
i=this.tryParse(=>super.parseConditional(e,t,r));return
i.node?(i.error&&(this.state=i.failState),i.node):(n.start=i.error.pos||this.state.start,e)}this.expect(o.question);const
i=this.state.clone(),s=this.state.noArrowAt,a=this.startNodeAt(t,r);let {consequent:l,failed:c}=this.tryParseCondition
alConsequent(),[p,u]=this.getArrowLikeExpressions(l);if(c||u.length>0){const
e=[...s];if(u.length>0){this.state=i,this.state.noArrowAt=e;for(let
t=0;t<u.length;t++)e.push(u[t].start);({consequent:l,failed:c}=this.tryParseConditionalConsequent(),[p,u]=this.getA
rrowLikeExpressions(l)}c&&p.length>1&&this.raise(i.start,V.AmbiguousConditionalArrow),c&&1===p.length&
&(this.state=i,this.state.noArrowAt=e.concat(p[0].start),({consequent:l,failed:c}=this.tryParseConditionalConseque
nt()))}return
this.getArrowLikeExpressions(l,!0),this.state.noArrowAt=s,this.expect(o.colon),a.test=e,a.consequent=l,a.alternate=
this.forwardNoArrowParamsConversionAt(a,=>this.parseMaybeAssign(void 0,void 0,void
0)),this.finishNode(a,\\\\"ConditionalExpression\\")tryParseConditionalConsequent(){this.state.noArrowParamsCo
nversionAt.push(this.state.start);const e=this.parseMaybeAssignAllowIn(),t=!this.match(o.colon);return
this.state.noArrowParamsConversionAt.pop(),{consequent:e,failed:t}}getArrowLikeExpressions(e,t){const
r=[e],n=[];for(;0!==(r.length);){const
e=r.pop();\\\\"ArrowFunctionExpression\\\\"===e.type?(e.typeParameters||e.returnType?this.finishArrowValidation(e
):n.push(e),r.push(e.body)):\\\\"ConditionalExpression\\\\"===e.type&&(r.push(e.consequent),r.push(e.alternate))}ret
urn t?(n.forEach(e=>this.finishArrowValidation(e)),[n,[]]):function(e,t){const r=[],n=[];for(let
i=0;i<e.length;i++)(t[e[i],i,e]?r:n).push(e[i]);return[r,n]}(n,e=>e.params.every(e=>this.isAssignable(e,!0)))}finishAr
rowValidation(e){var t;this.toAssignableList(e.params,null==(t=e.extra)?void
0:t.trailingComma),this.scope.enter(6),super.checkParams(e,!1,!0),this.scope.exit()}forwardNoArrowParamsConver
sionAt(e,t){let r;return-
1!==(this.state.noArrowParamsConversionAt.indexOf(e.start)?(this.state.noArrowParamsConversionAt.push(this.stat
e.start),r=t(),this.state.noArrowParamsConversionAt.pop():r=t(),r)}parseParenItem(e,t,r){if(e=super.parseParenItem
(e,t,r),this.eat(o.question)&&(e.optional=!0,this.resetEndLocation(e)),this.match(o.colon)){const
n=this.startNodeAt(t,r);return
n.expression=e,n.typeAnnotation=this.flowParseTypeAnnotation(),this.finishNode(n,\\\\"TypeCastExpression\\")}re

```

turn

```
e}assertModuleNodeAllowed(e){\|"ImportDeclaration\|"===e.type&&(\|"type\|"===e.importKind|\|"typeof\|"===e.importKind)\|\|"ExportNamedDeclaration\|"===e.type&&\|"type\|"===e.exportKind|\|"ExportAllDeclaration\|\|"===e.type&&\|"type\|"===e.exportKind|super.assertModuleNodeAllowed(e)}parseExport(e){const t=super.parseExport(e);return\|"ExportNamedDeclaration\|"!==t.type&&\|"ExportAllDeclaration\|"!==t.type|(t.exportKind=t.exportKind|\|"value\|"),t}parseExportDeclaration(e){if(this.isContextual(\|"type\|")){e.exportKind=\|"type\|";const t=this.startNode();return this.next(),this.match(o.braceL)?(e.specifiers=this.parseExportSpecifiers(),this.parseExportFrom(e),null):this.flowParseTypeAlias(t)}if(this.isContextual(\|"opaque\|")){e.exportKind=\|"type\|";const t=this.startNode();return this.next(),this.flowParseOpaqueType(t,!1)}if(this.isContextual(\|"interface\|")){e.exportKind=\|"type\|";const t=this.startNode();return this.next(),this.flowParseInterface(t)}if(this.shouldParseEnums()&&this.isContextual(\|"enum\|")){e.exportKind=\|"value\|";const t=this.startNode();return this.next(),this.flowParseEnumDeclaration(t)}return super.parseExportDeclaration(e)}eatExportStar(e){return!super.eatExportStar(...arguments)||(!this.isContextual(\|"type\|")||this.lookahead().type!==o.star)&&(e.exportKind=\|"type\|",this.next(),this.next(),!0)}maybeParseExportNamespaceSpecifier(e){const t=this.state.start,r=super.maybeParseExportNamespaceSpecifier(e);return r&&\|"type\|"===e.exportKind&&this.unexpected(t,r)}parseClassId(e,t,r){super.parseClassId(e,t,r),this.isRelational(\|"<\|")&&(e.typeParameters=this.flowParseTypeParameterDeclaration())}parseClassMember(e,t,r){const n=this.state.start;if(this.isContextual(\|"declare\|")){if(this.parseClassMemberFromModifier(e,t))return;t.declare=!0}super.parseClassMember(e,t,r),t.declare&&(\|"ClassProperty\|"!==t.type&&\|"ClassPrivateProperty\|"!==t.type?this.raise(n,V.DeclareClassElement):t.value&&this.raise(t.value.start,V.DeclareClassFieldInitializer))}getTokenFromCode(e){const t=this.input.charCodeAt(this.state.pos+1);return 123===e&&124===t?this.finishOp(o.braceBarL,2):!this.state.inType||62!==e&&60!==e?this.state.inType&&63===e?this.finishOp(o.question,1):function(e,t){return 64===e&&64===t}(e,t)?(this.state.isIterator=!0,super.readWord()):super.getTokenFromCode(e):this.finishOp(o.relational,1)}isAssignable(e,t){switch(e.type){case\|"Identifier\|":case\|"ObjectPattern\|":case\|"ArrayPattern\|":case\|"AssignmentPattern\|":return!0;case\|"ObjectExpression\|":{const t=e.properties.length-1;return e.properties.every((e,r)=>\|"ObjectMethod\|"!==e.type&&(r===t|\|"SpreadElement\|"===e.type)&&this.isAssignable(e))}case\|"ObjectProperty\|":return this.isAssignable(e.value);case\|"SpreadElement\|":return this.isAssignable(e.argument);case\|"ArrayExpression\|":return e.elements.every(e=>this.isAssignable(e));case\|"AssignmentExpression\|":return\|"=\|"===e.operator;case\|"ParenthesizedExpression\|":case\|"TypeCastExpression\|":return this.isAssignable(e.expression);case\|"MemberExpression\|":case\|"OptionalMemberExpression\|":return!t;default:return!1}}toAssignable(e){return\|"TypeCastExpression\|"===e.type?super.toAssignable(this.typeCastToParameter(e)):super.toAssignable(e)}toAssignableList(e,t){for(let t=0;t<e.length;t++){const r=e[t];\|"TypeCastExpression\|"===e.type?(null===r?void 0:r.type)&&(e[t]=this.typeCastToParameter(r))}return super.toAssignableList(e,t)}toReferencedList(e,t){for(let n=0;n<e.length;n++){var r;const i=e[n];i&&\|"TypeCastExpression\|"===i.type&&!(null==(r=i.extra)?void 0:r.parenthesized)&&(e.length>1||t)&&this.raise(i.typeAnnotation.start,V.TypeCastInParameter)}return e}parseArrayLike(e,t,r,n){const i=super.parseArrayLike(e,t,r,n);return t&&!this.state.maybeInArrowParameters&&this.toReferencedList(i.elements,i)}checkLVal(e,t=64,r,n){if(\|"TypeCastExpression\|"!==e.type)return super.checkLVal(e,t,r,n)}parseClassProperty(e){return this.match(o.colon)&&(e.typeAnnotation=this.flowParseTypeAnnotation()),super.parseClassProperty(e)}parseClassPrivateProperty(e){return this.match(o.colon)&&(e.typeAnnotation=this.flowParseTypeAnnotation()),super.parseClassPrivateProperty(e)}isClassMethod(){return this.isRelational(\|"<\|")||super.isClassMethod()}isClassProperty(){return this.match(o.colon)||super.isClassProperty()}isNonstaticConstructor(e){return!this.match(o.colon)&&super.isNonstaticConstructor(e)}pushClassMethod(e,t,r,n,i,s){t.variance&&this.unexpected(t.variance.start),delete
```

```

t.variance,this.isRelational(\\\\"<\\\\")&&(t.typeParameters=this.flowParseTypeParameterDeclaration()),super.pushClassMethod(e,t,r,n,i,s)}pushClassPrivateMethod(e,t,r,n){t.variance&&this.unexpected(t.variance.start),delete t.variance,this.isRelational(\\\\"<\\\\")&&(t.typeParameters=this.flowParseTypeParameterDeclaration()),super.pushClassPrivateMethod(e,t,r,n)}parseClassSuper(e){if(super.parseClassSuper(e),e.superClass&&this.isRelational(\\\\"<\\\\"))&&(e.superTypeParameters=this.flowParseTypeParameterInstantiation()),this.isContextual(\\\\"implements\\\\"))){this.s.next();const t=e.implements=[];do{const e=this.startNode();e.id=this.flowParseRestrictedIdentifier(!0),this.isRelational(\\\\"<\\\\")?e.typeParameters=this.flowParseTypeParameterInstantiation():e.typeParameters=null,t.push(this.finishNode(e,\\\\"ClassImplements\\\\"))}while(!this.eat(o.comma))}parsePropertyName(e,t){const r=this.flowParseVariance(),n=super.parsePropertyName(e,t);return e.variance=r,n}parseObjPropValue(e,t,r,n,i,s,a,l){let c;e.variance&&this.unexpected(e.variance.start),delete e.variance,this.isRelational(\\\\"<\\\\")&&!a&&(c=this.flowParseTypeParameterDeclaration(),this.match(o.parenL)||this.isUnexpected()),super.parseObjPropValue(e,t,r,n,i,s,a,l),c&&((e.value|e).typeParameters=c)}parseAssignableListItemTypes(e){return this.eat(o.question)&&(\\\\"Identifier\\\\"!==e.type&&this.raise(e.start,V.OptionalBindingPattern),e.optional=!0),this.match(o.colon)&&(e.typeAnnotation=this.flowParseTypeAnnotation()),this.resetEndLocation(e),e}parseMaybeDefault(e,t,r){const n=super.parseMaybeDefault(e,t,r);return\\\\"AssignmentPattern\\\\"===n.type&&n.typeAnnotation&&n.right.start<n.typeAnnotation.start&&this.raise(n.typeAnnotation.start,V.TypeBeforeInitializer),n}shouldParseDefaultImport(e){return K(e)?q(this.state):super.shouldParseDefaultImport(e)}parseImportSpecifierLocal(e,t,r,n){t.local=K(e)?this.flowParseRestrictedIdentifier(!0,!0):this.parseIdentifier(),this.checkLVal(t.local,9,void 0,n),e.specifiers.push(this.finishNode(t,r))}maybeParseDefaultImportSpecifier(e){e.importKind=\\\\"value\\\\";let t=null;if(this.match(o._typeof)?t=\\\\"typeof\\\\":this.isContextual(\\\\"typeof\\\\")&&(t=\\\\"typeof\\\\"),t){const r=this.lookahead();\\\\"typeof\\\\"===t&&r.type===o.star&&this.unexpected(r.start),(q(r)|r.type===o.braceL|r.type===o.star)&&(this.next(),e.importKind=t)}return super.maybeParseDefaultImportSpecifier(e)}parseImportSpecifier(e){const t=this.startNode(),r=this.state.start,n=this.parseModuleExportName();let i=null;\\\\"Identifier\\\\"===n.type&&(\\\\"typeof\\\\"===n.name?i=\\\\"typeof\\\\":\\\\"typeof\\\\"===n.name&&(i=\\\\"typeof\\\\"));let s=!1;if(this.isContextual(\\\\"as\\\\")&&!this.isLookaheadContextual(\\\\"as\\\\"))){const e=this.parseIdentifier(!0);null===i||this.match(o.name)||this.state.type.keyword?(t.imported=n,t.importKind=null,t.local=this.parseIdentifier():(t.imported=e,t.importKind=i,t.local=e.__clone()))}else if(null!==i&&(this.match(o.name)||this.state.type.keyword))t.imported=this.parseIdentifier(!0),t.importKind=i,this.eatContextual(\\\\"as\\\\")?t.local=this.parseIdentifier():(s=!0,t.local=t.imported.__clone());else{if(\\\\"StringLiteral\\\\"===n.type)throw this.raise(t.start,y.ImportBindingIsString,n.value);s=!0,t.imported=n,t.importKind=null,t.local=t.imported.__clone()}const a=K(e),l=K(t);a&&l&&this.raise(r,V.ImportTypeShorthandOnlyInPureImport),(a|l)&&this.checkReservedType(t.local.name,t.local.start,!0),!s||l||this.checkReservedWord(t.local.name,t.start,!0,!0),this.checkLVal(t.local,9,void 0,\\\\"import specifier\\\\"),e.specifiers.push(this.finishNode(t,\\\\"ImportSpecifier\\\\"))}parseFunctionParams(e,t){const r=e.kind;\\\\"get\\\\"!==r&&\\\\"set\\\\"!==r&&this.isRelational(\\\\"<\\\\")&&(e.typeParameters=this.flowParseTypeParameterDeclaration()),super.parseFunctionParams(e,t)}parseVarId(e,t){super.parseVarId(e,t),this.match(o.colon)&&(e.id.typeAnnotation=this.flowParseTypeAnnotation()),this.resetEndLocation(e.id)}parseAsyncArrowFromCallExpression(e,t){if(this.match(o.colon)){const t=this.state.noAnonFunctionType;this.state.noAnonFunctionType=!0,e.returnType=this.flowParseTypeAnnotation(),this.state.noAnonFunctionType=t}return super.parseAsyncArrowFromCallExpression(e,t)}shouldParseAsyncArrow(){return

```



```

this.match(o.colon)||super.shouldParseAsyncArrow() }parseMaybeAssign(e,t,r){ var n;let
i,s=null;if(this.hasPlugin(\\\\"jsx\\\\"))&&(this.match(o.jsxTagStart)||this.isRelational(\\\\"<\\\\"))){ if(s=this.state.clone(),
i=this.tryParse(=>super.parseMaybeAssign(e,t,r),s),!i.error)return i.node;const { context:n }=this.state;n[n.length-
1]===g.j_oTag?n.length-=2:n[n.length-1]===g.j_expr&&(n.length-=1) }if((null==(n=i)?void
0:n.error)||this.isRelational(\\\\"<\\\\")){ var a,l;let n;s=s||this.state.clone();const o=this.tryParse(i=>{ var
s;n=this.flowParseTypeParameterDeclaration();const a=this.forwardNoArrowParamsConversionAt(n,())=>{ const
i=super.parseMaybeAssign(e,t,r);return
this.resetStartLocationFromNode(i,n,i)};\\\\"ArrowFunctionExpression\\\\"!==(a.type&&(null==(s=a.extra)?void
0:s.parenthesized)&&i);const o=this.maybeUnwrapTypeCastExpression(a);return
o.typeParameters=n,this.resetStartLocationFromNode(o,n,a},s);let
c=null;if(o.node&&\\\\"ArrowFunctionExpression\\\\"===this.maybeUnwrapTypeCastExpression(o.node).type){ if(!o
.error&&!o.aborted)return
o.node.async&&this.raise(n.start,V.UnexpectedTypeParameterBeforeAsyncArrowFunction),o.node;c=o.node }if(nul
l==(a=i)?void 0:a.node)return this.state=i.failState,i.node;if(c)return this.state=o.failState,c;if(null==(l=i)?void
0:l.thrown)throw i.error;if(o.thrown)throw o.error;throw
this.raise(n.start,V.UnexpectedTokenAfterTypeParameter) }return
super.parseMaybeAssign(e,t,r) }parseArrow(e) { if(this.match(o.colon)){ const t=this.tryParse(=>{ const
t=this.state.noAnonFunctionType;this.state.noAnonFunctionType=!0;const
r=this.startNode();return[r.typeAnnotation,e.predicate]=this.flowParseTypeAndPredicateInitialiser(),this.state.noAn
onFunctionType=t,this.canInsertSemicolon()&&this.unexpected(),this.match(o.arrow)||this.unexpected(),r);if(t.thro
wn)return
null;t.error&&(this.state=t.failState),e.returnType=t.node.typeAnnotation?this.finishNode(t.node,\\\\"TypeAnnotatio
n\\\\"):null }return super.parseArrow(e) }shouldParseArrow() { return
this.match(o.colon)||super.shouldParseArrow() } setArrowFunctionParameters(e,t) { -
1!==(this.state.noArrowParamsConversionAt.indexOf(e.start)?e.params=t:super.setArrowFunctionParameters(e,t) )c
heckParams(e,t,r) { if(!r|-1===this.state.noArrowParamsConversionAt.indexOf(e.start))return
super.checkParams(...arguments) } parseParenAndDistinguishExpression(e) { return
super.parseParenAndDistinguishExpression(e&&-
1===this.state.noArrowAt.indexOf(this.state.start)) } parseSubscripts(e,t,r,n) { if(\\\\"Identifier\\\\"===e.type&&\\\\"asyn
c\\\\"===e.name&&-1===this.state.noArrowAt.indexOf(t)) { this.next();const
n=this.startNodeAt(t,r);n.callee=e,n.arguments=this.parseCallExpressionArguments(o.parenR,!1),e=this.finishNode(
n,\\\\"CallExpression\\\\" )} else
if(\\\\"Identifier\\\\"===e.type&&\\\\"async\\\\"===e.name&&this.isRelational(\\\\"<\\\\")) { const
i=this.state.clone(),s=this.tryParse(e=>this.parseAsyncArrowWithTypeParameters(t,r)||e(),i);if(!s.error&&!s.aborted
)return s.node;const a=this.tryParse(=>super.parseSubscripts(e,t,r,n),i);if(a.node&&!a.error)return
a.node;if(s.node)return this.state=s.failState,s.node;if(a.node)return this.state=a.failState,a.node;throw
s.error||a.error } return
super.parseSubscripts(e,t,r,n) } parseSubscript(e,t,r,n,i) { if(this.match(o.questionDot)&&this.isLookaheadToken_It())
{ if(i.optionalChainMember=!0,n)return i.stop=!0,e,this.next();const s=this.startNodeAt(t,r);return
s.callee=e,s.typeArguments=this.flowParseTypeParameterInstantiation(),this.expect(o.parenL),s.arguments=this.par
seCallExpressionArguments(o.parenR,!1),s.optional=!0,this.finishCallExpression(s,!0) } if(!n&&this.shouldParseType
es()&&this.isRelational(\\\\"<\\\\")) { const n=this.startNodeAt(t,r);n.callee=e;const
s=this.tryParse(=>(n.typeArguments=this.flowParseTypeParameterInstantiationCallOrNew(),this.expect(o.parenL)
,n.arguments=this.parseCallExpressionArguments(o.parenR,!1),i.optionalChainMember&&(n.optional=!1),this.finis
hCallExpression(n,i.optionalChainMember));if(s.node)return s.error&&(this.state=s.failState),s.node } return
super.parseSubscript(e,t,r,n,i) } parseNewArguments(e) { let
t=null;this.shouldParseTypes()&&this.isRelational(\\\\"<\\\\"))&&(t=this.tryParse(=>this.flowParseTypeParameterIn
stantiationCallOrNew()).node),e.typeArguments=t,super.parseNewArguments(e) } parseAsyncArrowWithTypePara

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meters(e,t){const r=this.startNodeAt(e,t);if(this.parseFunctionParams(r),this.parseArrow(r))return
this.parseArrowExpression(r,void 0,!0)}readToken_mult_modulo(e){const
t=this.input.charCodeAt(this.state.pos+1);if(42===e&&47===t&&this.state.hasFlowComment)return
this.state.hasFlowComment=!1,this.state.pos+=2,void
this.nextToken();super.readToken_mult_modulo(e)}readToken_pipe_amp(e){const
t=this.input.charCodeAt(this.state.pos+1);124!==(e||125)!==t?super.readToken_pipe_amp(e):this.finishOp(o.braceBar
R,2)}parseTopLevel(e,t){const r=super.parseTopLevel(e,t);return
this.state.hasFlowComment&&this.raise(this.state.pos,V.UnterminatedFlowComment),r}skipBlockComment(){if(th
is.hasPlugin(\\\\"flowComments\\\\"))&&this.skipFlowComment()}return
this.state.hasFlowComment&&this.unexpected(null,V.NestedFlowComment),this.hasFlowCommentCompletion(),t
his.state.pos+=this.skipFlowComment(),void(this.state.hasFlowComment=!0);if(this.state.hasFlowComment){const
e=this.input.indexOf(\\\\"*-\\/\\\\"),this.state.pos+=2);if(-1===e)throw this.raise(this.state.pos-
2,y.UnterminatedComment);this.state.pos=e+3}else
super.skipBlockComment()}skipFlowComment(){const{pos:e}=this.state;let
t=2;for(;[32,9].includes(this.input.charCodeAt(e+t));)t++;const
r=this.input.charCodeAt(t+e),n=this.input.charCodeAt(t+e+1);return 58===r&&58===n?t+2:\\\\"flow-
include\\\\"===this.input.slice(t+e,t+e+12)?t+12:58===r&&58!==(n&&t)}hasFlowCommentCompletion(){if(-
1===this.input.indexOf(\\\\"*\\/\\\\"),this.state.pos))throw
this.raise(this.state.pos,y.UnterminatedComment)}flowEnumErrorBooleanMemberNotInitialized(e,{enumName:t,m
emberName:r}){this.raise(e,V.EnumBooleanMemberNotInitialized,r,t)}flowEnumErrorInvalidMemberName(e,{en
umName:t,memberName:r}){const
n=r[0].toUpperCase()+r.slice(1);this.raise(e,V.EnumInvalidMemberName,r,n,t)}flowEnumErrorDuplicateMemberN
ame(e,{enumName:t,memberName:r}){this.raise(e,V.EnumDuplicateMemberName,r,t)}flowEnumErrorInconsisten
tMemberValues(e,{enumName:t}){this.raise(e,V.EnumInconsistentMemberValues,t)}flowEnumErrorInvalidExplici
tType(e,{enumName:t,suppliedType:r}){return
this.raise(e,null===r?V.EnumInvalidExplicitTypeUnknownSupplied:V.EnumInvalidExplicitType,t,r)}flowEnumErr
orInvalidMemberInitializer(e,{enumName:t,explicitType:r,memberName:n}){let
i=null;switch(r){case\\\\"boolean\\\\"":case\\\\"number\\\\"":case\\\\"string\\\\"":i=V.EnumInvalidMemberInitializerPrimary
Type;break;case\\\\"symbol\\\\"":i=V.EnumInvalidMemberInitializerSymbolType;break;default:i=V.EnumInvalidMem
berInitializerUnknownType}return
this.raise(e,i,t,n,r)}flowEnumErrorNumberMemberNotInitialized(e,{enumName:t,memberName:r}){this.raise(e,V.E
numNumberMemberNotInitialized,t,r)}flowEnumErrorStringMemberInconsistentlyInitailized(e,{enumName:t}){thi
s.raise(e,V.EnumStringMemberInconsistentlyInitailized,t)}flowEnumMemberInit(){const
e=this.state.start,t=(()=>this.match(o.comma)||this.match(o.braceR));switch(this.state.type){case o.num:{const
r=this.parseLiteral(this.state.value,\\\\"NumericLiteral\\\\"");return
t(){type:\\\\"number\\\\"",pos:r.start,value:r}:{type:\\\\"invalid\\\\"",pos:e}}case o.string:{const
r=this.parseLiteral(this.state.value,\\\\"StringLiteral\\\\"");return
t(){type:\\\\"string\\\\"",pos:r.start,value:r}:{type:\\\\"invalid\\\\"",pos:e}}case o._true:case o._false:{const
r=this.parseBooleanLiteral();return
t(){type:\\\\"boolean\\\\"",pos:r.start,value:r}:{type:\\\\"invalid\\\\"",pos:e}}default:return{type:\\\\"invalid\\\\"",pos:e}}}flo
wEnumMemberRaw(){const
e=this.state.start;return{id:this.parseIdentifier(!0),init:this.eat(o.eq)?this.flowEnumMemberInit():{type:\\\\"none\\\\"",p
os:e}}flowEnumCheckExplicitTypeMismatch(e,t,r){const{explicitType:n}=t,null!==(n&&n!==(r&&r&&this.flowEnum
ErrorInvalidMemberInitializer(e,t)}flowEnumMembers({enumName:e,explicitType:t}){const r=new
Set,n={booleanMembers:[],numberMembers:[],stringMembers:[],defaultedMembers:[]};for(;!this.match(o.braceR);)
{const i=this.startNode(),{id:s,init:a}=this.flowEnumMemberRaw(),l=s.name;if(\\\\"\\\\"===l)continue;/^[a-
z]/.test(l)&&this.flowEnumErrorInvalidMemberName(s.start,{enumName:e,memberName:l}),r.has(l)&&this.flowE
numErrorDuplicateMemberName(s.start,{enumName:e,memberName:l}),r.add(l);const

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```

c={enumName:e,explicitType:t,memberName:l};switch(i.id=s,a.type){case\\\\"boolean\\\\"":this.flowEnumCheckExplicitTypeMismatch(a.pos,c,\\\\"boolean\\\\"),i.init=a.value,n.booleanMembers.push(this.finishNode(i,\\\\"EnumBooleanMember\\\\"));break;case\\\\"number\\\\"":this.flowEnumCheckExplicitTypeMismatch(a.pos,c,\\\\"number\\\\"),i.init=a.value,n.numberMembers.push(this.finishNode(i,\\\\"EnumNumberMember\\\\"));break;case\\\\"string\\\\"":this.flowEnumCheckExplicitTypeMismatch(a.pos,c,\\\\"string\\\\"),i.init=a.value,n.stringMembers.push(this.finishNode(i,\\\\"EnumStringMember\\\\"));break;case\\\\"invalid\\\\"":throw
this.flowEnumErrorInvalidMemberInitializer(a.pos,c);case\\\\"none\\\\"":switch(t){case\\\\"boolean\\\\"":this.flowEnumErrorBooleanMemberNotInitialized(a.pos,c);break;case\\\\"number\\\\"":this.flowEnumErrorNumberMemberNotInitialized(a.pos,c);break;default:n.defaultedMembers.push(this.finishNode(i,\\\\"EnumDefaultedMember\\\\"))}this.match(o.braceR)||this.expect(o.comma)}return n}flowEnumStringMembers(e,t,{enumName:r}){if(0===e.length)return t;if(0===t.length)return e;if(t.length>e.length){for(let t=0;t<e.length;t++){const
n=e[t];this.flowEnumErrorStringMemberInconsistentlyInitailized(n.start,{enumName:r})return t}for(let
e=0;e<t.length;e++){const
n=t[e];this.flowEnumErrorStringMemberInconsistentlyInitailized(n.start,{enumName:r})return
e}flowEnumParseExplicitType({enumName:e}){if(this.eatContextual(\\\\"of\\\\")){if(!this.match(o.name))throw
this.flowEnumErrorInvalidExplicitType(this.state.start,{enumName:e,suppliedType:null});const{value:t}=this.state;
return
this.next(),\\\\"boolean\\\\"!==t&&\\\\"number\\\\"!==t&&\\\\"string\\\\"!==t&&\\\\"symbol\\\\"!==t&&this.flowEnumErrorInvalidExplicitType(this.state.start,{enumName:e,suppliedType:t}),t}return
null}flowEnumBody(e,{enumName:t,nameLoc:r}){const
n=this.flowEnumParseExplicitType({enumName:t});this.expect(o.braceL);const
i=this.flowEnumMembers({enumName:t,explicitType:n});switch(n){case\\\\"boolean\\\\"":return
e.explicitType=!0,e.members=i.booleanMembers,this.expect(o.braceR),this.finishNode(e,\\\\"EnumBooleanBody\\\\"");
case\\\\"number\\\\"":return
e.explicitType=!0,e.members=i.numberMembers,this.expect(o.braceR),this.finishNode(e,\\\\"EnumNumberBody\\\\"");
case\\\\"string\\\\"":return
e.explicitType=!0,e.members=this.flowEnumStringMembers(i.stringMembers,i.defaultedMembers,{enumName:t}),
this.expect(o.braceR),this.finishNode(e,\\\\"EnumStringBody\\\\"");case\\\\"symbol\\\\"":return
e.members=i.defaultedMembers,this.expect(o.braceR),this.finishNode(e,\\\\"EnumSymbolBody\\\\"");default:{const
n(=)=>(e.members=[],this.expect(o.braceR),this.finishNode(e,\\\\"EnumStringBody\\\\""));e.explicitType=!1;const
s=i.booleanMembers.length,a=i.numberMembers.length,l=i.stringMembers.length,c=i.defaultedMembers.length;if(s
||a||l||c){if(s||a){if(!a&&!l&&s>c){for(let e=0,r=i.defaultedMembers;e<r.length;e++){const
n=r[e];this.flowEnumErrorBooleanMemberNotInitialized(n.start,{enumName:t,memberName:n.id.name})}return
e.members=i.booleanMembers,this.expect(o.braceR),this.finishNode(e,\\\\"EnumBooleanBody\\\\"")}if(!s&&!l&&a>=
c){for(let e=0,r=i.defaultedMembers;e<r.length;e++){const
n=r[e];this.flowEnumErrorNumberMemberNotInitialized(n.start,{enumName:t,memberName:n.id.name})}return
e.members=i.numberMembers,this.expect(o.braceR),this.finishNode(e,\\\\"EnumNumberBody\\\\"")}return
this.flowEnumErrorInconsistentMemberValues(r,{enumName:t}),n)}return
e.members=this.flowEnumStringMembers(i.stringMembers,i.defaultedMembers,{enumName:t}),this.expect(o.brace
R),this.finishNode(e,\\\\"EnumStringBody\\\\"")}return n()}}flowParseEnumDeclaration(e){const
t=this.parseIdentifier();return
e.id=t,e.body=this.flowEnumBody(this.startNode(),{enumName:t.name,nameLoc:t.start}),this.finishNode(e,\\\\"Enum
Declaration\\\\"")}updateContext(e){this.match(o.name)&&\\\\"of\\\\"===this.state.value&&e===o.name&&\\\\"interf
ace\\\\"===this.input.slice(this.state.lastTokStart,this.state.lastTokEnd)?this.state.exprAllowed=!1:super.updateConte
xt(e)}isLookaheadToken_lt(){const e=this.nextTokenStart();if(60===this.input.charCodeAt(e)){const
t=this.input.charCodeAt(e+1);return
60!==t&&61!==t}return!1}maybeUnwrapTypeCastExpression(e){return\\\\"TypeCastExpression\\\\"===e.type?e.ex
pression:e},typescript:e=>class extends e{getScopeHandler(){return te}tsIsIdentifier(){return

```

```

this.match(o.name)}tsNextTokenCanFollowModifier(){return
this.next(),!(this.hasPrecedingLineBreak()||this.match(o.parenL)||this.match(o.parenR)||this.match(o.colon)||this.mat
h(o.eq)||this.match(o.question)||this.match(o.bang))}tsParseModifier(e){if(!this.match(o.name))return;const
t=this.state.value;return-1!==e.indexOf(t)&&this.tsTryParse(this.tsNextTokenCanFollowModifier.bind(this))?t:void
0}tsParseModifiers(e,t){for(;){const
r=this.state.start,n=this.tsParseModifier(t);if(!n)break;Object.hasOwnProperty.call(e,n)&&this.raise(r,ae.DuplicateM
odifier,n),e[n]=!0}}tsIsListTerminator(e){switch(e){case\\"EnumMembers\\":case\\"TypeMembers\\":return
this.match(o.braceR);case\\"HeritageClauseElement\\":return
this.match(o.braceL);case\\"TupleElementTypes\\":return
this.match(o.bracketR);case\\"TypeParametersOrArguments\\":return this.isRelational(\\\\">\\\\")}throw new
Error(\\\\"Unreachable\\\\")}tsParseList(e,t){const r=[];for(;!this.tsIsListTerminator(e);r.push(t));return
r}tsParseDelimitedList(e,t){return
ie(this.tsParseDelimitedListWorker(e,t,!0))}tsParseDelimitedListWorker(e,t,r){const
n=[];for(;!this.tsIsListTerminator(e);){const
i=t;if(null===i)return;if(n.push(i),!this.eat(o.comma)){if(this.tsIsListTerminator(e))break;return
void(r&&this.expect(o.comma))}}return
n}tsParseBracketedList(e,t,r,n){n||(r?this.expect(o.bracketL):this.expectRelational(\\\\"<\\\\"));const
i=this.tsParseDelimitedList(e,t);return
r?this.expect(o.bracketR):this.expectRelational(\\\\">\\\\"),i}tsParseImportType(){const e=this.startNode();return
this.expect(o._import),this.expect(o.parenL),this.match(o.string)||this.raise(this.state.start,ae.UnsupportedImportTyp
eArgument),e.argument=this.parseExprAtom(),this.expect(o.parenR),this.eat(o.dot)&&(e.qualifier=this.tsParseEntit
yName(!0)),this.isRelational(\\\\"<\\\\")&&(e.typeParameters=this.tsParseTypeArguments()),this.finishNode(e,\\\\"TSI
mportType\\\\")}tsParseEntityName(e){let t=this.parseIdentifier();for(;this.eat(o.dot);){const
r=this.startNodeAtNode(t);r.left=t,r.right=this.parseIdentifier(e),t=this.finishNode(r,\\\\"TSQualifiedName\\\\")}return
t}tsParseTypeReference(){const e=this.startNode();return
e.typeName=this.tsParseEntityName(!1),!this.hasPrecedingLineBreak()&&this.isRelational(\\\\"<\\\\")&&(e.typePara
meters=this.tsParseTypeArguments()),this.finishNode(e,\\\\"TSTypeReference\\\\")}tsParseThisTypePredicate(e){this
.next();const t=this.startNodeAtNode(e);return
t.parameterName=e,t.typeAnnotation=this.tsParseTypeAnnotation(!1),this.finishNode(t,\\\\"TSTypePredicate\\\\")}tsP
arseThisTypeNode(){const e=this.startNode();return
this.next(),this.finishNode(e,\\\\"TSThisType\\\\")}tsParseTypeQuery(){const e=this.startNode();return
this.expect(o._typeof),this.match(o._import)?e.exprName=this.tsParseImportType():e.exprName=this.tsParseEntity
Name(!0),this.finishNode(e,\\\\"TSTypeQuery\\\\")}tsParseTypeParameter(){const e=this.startNode();return
e.name=this.parseIdentifierName(e.start),e.constraint=this.tsEatThenParseType(o._extends),e.default=this.tsEatThe
nParseType(o.eq),this.finishNode(e,\\\\"TSTypeParameter\\\\")}tsTryParseTypeParameters(){if(this.isRelational(\\\\"<
\\\\"))return this.tsParseTypeParameters()}tsParseTypeParameters(){const e=this.startNode();return
this.isRelational(\\\\"<\\\\")||this.match(o.jsxTagStart)?this.next():this.unexpected(),e.params=this.tsParseBracketedLis
t(\\\\"TypeParametersOrArguments\\\\"),this.tsParseTypeParameter.bind(this),!1,!0),0===e.params.length&&this.raise
(e.start,ae.EmptyTypeParameters),this.finishNode(e,\\\\"TSTypeParameterDeclaration\\\\")}tsTryNextParseConstantC
ontext(){return
this.lookahead().type===o._const?(this.next(),this.tsParseTypeReference():null)}tsFillSignature(e,t){const
r=e===o.arrow;t.typeParameters=this.tsTryParseTypeParameters(),this.expect(o.parenL),t.parameters=this.tsParseBi
ndingListForSignature(),(r||this.match(e))&&(t.typeAnnotation=this.tsParseTypeOrTypePredicateAnnotation(e))}ts
ParseBindingListForSignature(){return
this.parseBindingList(o.parenR,41).map(e=>(\\\\"Identifier\\\\"!==e.type&&\\\\"RestElement\\\\"!==e.type&&\\\\"Objec
tPattern\\\\"!==e.type&&\\\\"ArrayPattern\\\\"!==e.type&&this.raise(e.start,ae.UnsupportedSignatureParameterKind,e
.type),e))}tsParseTypeMemberSemicolon(){this.eat(o.comma)||this.semicolon()}tsParseSignatureMember(e,t){return
this.tsFillSignature(o.colon,t),this.tsParseTypeMemberSemicolon(),this.finishNode(t,e)}tsIsUnambiguouslyIndexSi

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signature(){return
this.next(),this.eat(o.name)&&this.match(o.colon)}tsTryParseIndexSignature(e){if(!this.match(o.bracketL)||!this.tsLookAhead(this.tsIsUnambiguouslyIndexSignature.bind(this)))return;this.expect(o.bracketL);const
t=this.parseIdentifier();t.typeAnnotation=this.tsParseTypeAnnotation(),this.resetEndLocation(t),this.expect(o.bracketR),e.parameters=[t];const r=this.tsTryParseTypeAnnotation();return
r&&(e.typeAnnotation=r),this.tsParseTypeMemberSemicolon(),this.finishNode(e,\\\\"TSIndexSignature\\\\"))tsParsePropertyOrMethodSignature(e,t){this.eat(o.question)&&(e.optional=!0);const
r=e;if(t!|this.match(o.parenL)&&!this.isRelational(\\\\"<\\\\"))){const e=r;t&&(e.readonly=!0);const
n=this.tsTryParseTypeAnnotation();return
n&&(e.typeAnnotation=n),this.tsParseTypeMemberSemicolon(),this.finishNode(e,\\\\"TSPROPERTYSignature\\\\"))}{const e=r;return
this.tsFillSignature(o.colon,e),this.tsParseTypeMemberSemicolon(),this.finishNode(e,\\\\"TSMETHODSignature\\\\"))}tsParseTypeMember(){const e=this.startNode();if(this.match(o.parenL)||this.isRelational(\\\\"<\\\\"))return
this.tsParseSignatureMember(\\\\"TSCallSignatureDeclaration\\\\"",e);if(this.match(o._new)){const
t=this.startNode();return
this.next(),this.match(o.parenL)||this.isRelational(\\\\"<\\\\")?this.tsParseSignatureMember(\\\\"TSConstructSignatureDeclaration\\\\"",e):(e.key=this.createIdentifier(t,\\\\"new\\\\"),this.tsParsePropertyOrMethodSignature(e,!1))}const
t=!this.tsParseModifier([\\\\"readonly\\\\"]),r=this.tsTryParseIndexSignature(e);return
r?(t&&(e.readonly=!0),r):(this.parsePropertyName(e,!1),this.tsParsePropertyOrMethodSignature(e,t))}tsParseTypeLiteral(){const e=this.startNode();return
e.members=this.tsParseObjectTypeMembers(),this.finishNode(e,\\\\"TSTypeLiteral\\\\"))tsParseObjectTypeMembers(){this.expect(o.braceL);const e=this.tsParseList(\\\\"TypeMembers\\\\"",this.tsParseTypeMember.bind(this));return
this.expect(o.braceR),e}tsIsStartOfMappedType(){return
this.next(),this.eat(o.plusMin)?this.isContextual(\\\\"readonly\\\\"):(this.isContextual(\\\\"readonly\\\\")&&this.next(),!|this.match(o.bracketL)&&(this.next(),!|this.tsIsIdentifier())&&(this.next(),this.match(o._in))))}tsParseMappedTypeParameter(){const e=this.startNode();return
e.name=this.parseIdentifierName(e.start),e.constraint=this.tsExpectThenParseType(o._in),this.finishNode(e,\\\\"TSTypeParameter\\\\"))tsParseMappedType(){const e=this.startNode();return
this.expect(o.braceL),this.match(o.plusMin)?(e.readonly=this.state.value,this.next(),this.expectContextual(\\\\"readonly\\\\")):this.eatContextual(\\\\"readonly\\\\")&&(e.readonly=!0),this.expect(o.bracketL),e.typeParameter=this.tsParseMappedTypeParameter(),e.nameType=this.eatContextual(\\\\"as\\\\")?this.tsParseType():null,this.expect(o.bracketR),!|this.match(o.plusMin)?(e.optional=this.state.value,this.next(),this.expect(o.question)):this.eat(o.question)&&(e.optional=!0),e.typeAnnotation=this.tsTryParseType(),this.semicolon(),this.expect(o.braceR),this.finishNode(e,\\\\"TSMappedType\\\\"))}tsParseTupleType(){const
e=this.startNode();e.elementTypes=this.tsParseBracketedList(\\\\"TupleElementTypes\\\\"",this.tsParseTupleElementType.bind(this),!0,!1);let t=!1,r=null;return e.elementTypes.forEach(e=>{var
n;let{type:i}=e;!t|\\\\"TSRestType\\\\"===i|\\\\"TSOptionalType\\\\"===i|\\\\"TSNamedTupleMember\\\\"===i&&e.optional|this.raise(e.start,ae.OptionalTypeBeforeRequired),t=t|\\\\"TSNamedTupleMember\\\\"===i&&e.optional|\\\\"TSOptionalType\\\\"===i,\\\\"TSRestType\\\\"===i&&(i=(e=e.typeAnnotation).type);const
s=\\\\"TSNamedTupleMember\\\\"===i;r=null!=(n=r)?n:s,r!=s&&this.raise(e.start,ae.MixedLabeledAndUnlabeledElements)),this.finishNode(e,\\\\"TSTupleType\\\\"))}tsParseTupleElementType(){const{start:e,startLoc:t}=this.state,r=this.eat(o.ellipsis);let n=this.tsParseType();const i=this.eat(o.question);if(this.eat(o.colon)){const
e=this.startNodeAtNode(n);e.optional=i,\\\\"TSTypeReference\\\\"!==n.type|n.typeParameters|\\\\"Identifier\\\\"!==n.typeName.type?(this.raise(n.start,ae.InvalidTupleMemberLabel),e.label=n):e.label=n.typeName,e.elementType=this.tsParseType(),n=this.finishNode(e,\\\\"TSNamedTupleMember\\\\"))}else if(i){const
e=this.startNodeAtNode(n);e.typeAnnotation=n,n=this.finishNode(e,\\\\"TSOptionalType\\\\"))}if(r){const
r=this.startNodeAt(e,t);r.typeAnnotation=n,n=this.finishNode(r,\\\\"TSRestType\\\\"))}return
n}tsParseParenthesizedType(){const e=this.startNode();return

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this.expect(o.parenL),e.typeAnnotation=this.tsParseType(),this.expect(o.parenR),this.finishNode(e,\\\\"TSParenthesi
zedType\\")})tsParseFunctionOrConstructorType(e){const
t=this.startNode();return\\\\"TSConstructorType\\\\"===e&&this.expect(o._new),this.tsFillSignature(o.arrow,t),this.fi
nishNode(t,e)}tsParseLiteralTypeNode(){const e=this.startNode();return e.literal=(()=>{switch(this.state.type){case
o.num:case o.bigint:case o.string:case o._true:case o._false:return this.parseExprAtom();default:throw
this.unexpected()}})(),this.finishNode(e,\\\\"TSLiteralType\\")})tsParseTemplateLiteralType(){const
e=this.startNode();return
e.literal=this.parseTemplate(!1),this.finishNode(e,\\\\"TSLiteralType\\")})parseTemplateSubstitution(){return
this.state.inType?this.tsParseType():super.parseTemplateSubstitution()}tsParseThisTypeOrThisTypePredicate(){con
st e=this.tsParseThisTypeNode();return
this.isContextual(\\\\"is\\")&&!this.hasPrecedingLineBreak()?this.tsParseThisTypePredicate(e):e}tsParseNonArrayT
ype(){switch(this.state.type){case o.name:case o._void:case o._null:{const
e=this.match(o._void)?\\\\"TSVoidKeyword\\\\":this.match(o._null)?\\\\"TSNullKeyword\\\\":function(e){switch(e){ca
se\\\\"any\\\\":return\\\\"TSAnyKeyword\\\\";case\\\\"boolean\\\\":return\\\\"TSBooleanKeyword\\\\";case\\\\"bigint\\\\":retur
n\\\\"TSBigIntKeyword\\\\";case\\\\"never\\\\":return\\\\"TSNeverKeyword\\\\";case\\\\"number\\\\":return\\\\"TSNumberKey
yword\\\\";case\\\\"object\\\\":return\\\\"TSObjectKeyword\\\\";case\\\\"string\\\\":return\\\\"TSStringKeyword\\\\";case\\\\"s
ymbol\\\\":return\\\\"TSSymbolKeyword\\\\";case\\\\"undefined\\\\":return\\\\"TSUndefinedKeyword\\\\";case\\\\"unknown
\\\\":return\\\\"TSUnknownKeyword\\\\";default:return}}(this.state.value);if(void
0!==e&&46!==this.lookaheadCharCode()){const t=this.startNode();return this.next(),this.finishNode(t,e)}return
this.tsParseTypeReference()}case o.string:case o.num:case o.bigint:case o._true:case o._false:return
this.tsParseLiteralTypeNode();case o.plusMin:if(\\\\"-\\\\"===this.state.value){const
e=this.startNode(),t=this.lookahead();if(t.type!==o.num&&t.type!==o.bigint)throw this.unexpected();return
e.literal=this.parseMaybeUnary(),this.finishNode(e,\\\\"TSLiteralType\\")})break;case o._this:return
this.tsParseThisTypeOrThisTypePredicate();case o._typeof:return this.tsParseTypeQuery();case o._import:return
this.tsParseImportType();case o.braceL:return
this.tsLookAhead(this.tsIsStartOfMappedType.bind(this))?this.tsParseMappedType():this.tsParseTypeLiteral();case
o.bracketL:return this.tsParseTupleType();case o.parenL:return this.tsParseParenthesizedType();case
o.backQuote:return this.tsParseTemplateLiteralType()}throw this.unexpected()}tsParseArrayTypeOrHigher(){let
e=this.tsParseNonArrayType();for(;!this.hasPrecedingLineBreak()&&this.eat(o.bracketL);if(this.match(o.bracketR)
){const
t=this.startNodeAtNode(e);t.elementType=e,this.expect(o.bracketR),e=this.finishNode(t,\\\\"TSArrayType\\")})else{
const
t=this.startNodeAtNode(e);t.objectType=e,t.indexType=this.tsParseType(),this.expect(o.bracketR),e=this.finishNode
(t,\\\\"TSIndexedAccessType\\")})return e}tsParseTypeOperator(e){const t=this.startNode();return
this.expectContextual(e),t.operator=e,t.typeAnnotation=this.tsParseTypeOperatorOrHigher(),\\\\"readonly\\\\"===e&
&this.tsCheckTypeAnnotationForReadOnly(t),this.finishNode(t,\\\\"TSTypeOperator\\")})tsCheckTypeAnnotationFo
rReadOnly(e){switch(e.typeAnnotation.type){case\\\\"TSTupleType\\\\":case\\\\"TSArrayType\\\\":return;default:this.r
aise(e.start,ae.UnexpectedReadOnly)}}tsParseInferType(){const
e=this.startNode();this.expectContextual(\\\\"infer\\");const t=this.startNode();return
t.name=this.parseIdentifierName(t.start),e.typeParameter=this.finishNode(t,\\\\"TSTypeParameter\\"),this.finishNode
(e,\\\\"TSInferType\\")})tsParseTypeOperatorOrHigher(){const
e=[\\\\"keyof\\\\",\\\\"unique\\\\",\\\\"readonly\\\\"].find(e=>this.isContextual(e));return
e?this.tsParseTypeOperator(e):this.isContextual(\\\\"infer\\")?this.tsParseInferType():this.tsParseArrayTypeOrHighe
r()}tsParseUnionOrIntersectionType(e,t,r){this.eat(r);let n=t();if(this.match(r)){const
i=[n];for(;this.eat(r);)i.push(t());const s=this.startNodeAtNode(n);s.types=i,n=this.finishNode(s,e)}return
n}tsParseIntersectionTypeOrHigher(){return
this.tsParseUnionOrIntersectionType(\\\\"TSIntersectionType\\",this.tsParseTypeOperatorOrHigher.bind(this),o.bitw
iseAND)}tsParseUnionTypeOrHigher(){return

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this.tsParseUnionOrIntersectionType(\\\\"TSUnionType\\\\",this.tsParseIntersectionTypeOrHigher.bind(this),o.bitwis
eOR)}tsIsStartOfFunctionType(){return!!this.isRelational(\\\\"<\\\\")||this.match(o.parenL)&&this.tsLookAhead(this.t
sIsUnambiguouslyStartOfFunctionType.bind(this))}tsSkipParameterStart(){if(this.match(o.name)||this.match(o._thi
s))return this.next(),!0;if(this.match(o.braceL)){let
e=1;for(this.next();e>0;)this.match(o.braceL)?++e:this.match(o.braceR)&&--
e,this.next();return!0}if(this.match(o.bracketL)){let
e=1;for(this.next();e>0;)this.match(o.bracketL)?++e:this.match(o.bracketR)&&--
e,this.next();return!0}return!1}tsIsUnambiguouslyStartOfFunctionType(){if(this.next(),this.match(o.parenR)||this.m
atch(o.ellipsis))return!0;if(this.tsSkipParameterStart()){if(this.match(o.colon)||this.match(o.comma)||this.match(o.qu
estion)||this.match(o.eq))return!0;if(this.match(o.parenR)&&(this.next(),this.match(o.arrow)))return!0}return!1}tsPa
rseTypeOrTypePredicateAnnotation(e){return this.tsInType(=>{const t=this.startNode();this.expect(e);const
r=!this.tsTryParse(this.tsParseTypePredicateAsserts.bind(this));if(r&&this.match(o._this))}let
e=this.tsParseThisTypeOrThisTypePredicate();if(\\\\"TSThisType\\\\"===e.type){const
r=this.startNodeAtNode(t);r.parameterName=e,r.asserts=!0,e=this.finishNode(r,\\\\"TSTypePredicate\\\\")}else
e.asserts=!0;return t.typeAnnotation=e,this.finishNode(t,\\\\"TSTypeAnnotation\\\\")}const
n=this.tsIsIdentifier()&&this.tsTryParse(this.tsParseTypePredicatePrefix.bind(this));if(!n){if(!r)return
this.tsParseTypeAnnotation(!1,t);const e=this.startNodeAtNode(t);return
e.parameterName=this.parseIdentifier(),e.asserts=r,t.typeAnnotation=this.finishNode(e,\\\\"TSTypePredicate\\\\"),this.
finishNode(t,\\\\"TSTypeAnnotation\\\\")}const i=this.tsParseTypeAnnotation(!1),s=this.startNodeAtNode(t);return
s.parameterName=n,s.typeAnnotation=i,s.asserts=r,t.typeAnnotation=this.finishNode(s,\\\\"TSTypePredicate\\\\"),this
.finishNode(t,\\\\"TSTypeAnnotation\\\\")}tsTryParseTypeOrTypePredicateAnnotation(){return
this.match(o.colon)?this.tsParseTypeOrTypePredicateAnnotation(o.colon):void
0}tsTryParseTypeAnnotation(){return this.match(o.colon)?this.tsParseTypeAnnotation():void
0}tsTryParseType(){return this.tsEatThenParseType(o.colon)}tsParseTypePredicatePrefix(){const
e=this.parseIdentifier();if(this.isContextual(\\\\"is\\\\")&&!this.hasPrecedingLineBreak())return
this.next(),e}tsParseTypePredicateAsserts(){if(!this.match(o.name)||\\\\"asserts\\\\"!==this.state.value||this.hasPrecedi
ngLineBreak())return!1;const e=this.state.containsEsc;return
this.next(),!(this.match(o.name)&&!this.match(o._this))&&(e&&this.raise(this.state.lastTokStart,y.InvalidEscaped
ReservedWord,\\\\"asserts\\\\"),!0)}tsParseTypeAnnotation(e=!0,t=this.startNode()){return
this.tsInType(=>{e&&this.expect(o.colon),t.typeAnnotation=this.tsParseType()}),this.finishNode(t,\\\\"TSTypeAn
notation\\\\")}tsParseType(){se(this.state.inType);const
e=this.tsParseNonConditionalType();if(this.hasPrecedingLineBreak()||!this.eat(o._extends))return e;const
t=this.startNodeAtNode(e);return
t.checkType=e,t.extendsType=this.tsParseNonConditionalType(),this.expect(o.question),t.trueType=this.tsParseTyp
e(),this.expect(o.colon),t.falseType=this.tsParseType(),this.finishNode(t,\\\\"TSConditionalType\\\\")}tsParseNonCon
ditionalType(){return
this.tsIsStartOfFunctionType()?this.tsParseFunctionOrConstructorType(\\\\"TSFunctionType\\\\"):this.match(o._new)
?this.tsParseFunctionOrConstructorType(\\\\"TSConstructorType\\\\"):this.tsParseUnionTypeOrHigher()}tsParseType
Assertion(){const e=this.startNode(),t=this.tsTryNextParseConstantContext();return
e.typeAnnotation=t||this.tsNextThenParseType(),this.expectRelational(\\\\">\\\\"),e.expression=this.parseMaybeUnary
(),this.finishNode(e,\\\\"TSTypeAssertion\\\\")}tsParseHeritageClause(e){const
t=this.state.start,r=this.tsParseDelimitedList(\\\\"HeritageClauseElement\\\\",this.tsParseExpressionWithTypeArgume
nts.bind(this));return
r.length||this.raise(t,ae.EmptyHeritageClauseType,e),r}tsParseExpressionWithTypeArguments(){const
e=this.startNode();return
e.expression=this.tsParseEntityName(!1),this.isRelational(\\\\"<\\\\")&&(e.typeParameters=this.tsParseTypeArgument
s()),this.finishNode(e,\\\\"TSExpressionWithTypeArguments\\\\")}tsParseInterfaceDeclaration(e){e.id=this.parseIdent
ifier(),this.checkLVal(e.id,130,void 0,\\\\"typescript interface

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declaration\\\"),e.typeParameters=this.tsTryParseTypeParameters(),this.eat(o._extends)&&(e.extends=this.tsParseHeritageClause(\\\"extends\\\"));const t=this.startNode();return
t.body=this.tsInType(this.tsParseObjectTypeMembers.bind(this)),e.body=this.finishNode(t,\\\"TSInterfaceBody\\\"),
this.finishNode(e,\\\"TSInterfaceDeclaration\\\")}tsParseTypeAliasDeclaration(e){return
e.id=this.parseIdentifier(),this.checkLVal(e.id,2,void 0,\\\"typescript type
alias\\\"),e.typeParameters=this.tsTryParseTypeParameters(),e.typeAnnotation=this.tsInType(=>{if(this.expect(o.e
q),this.isContextual(\\\"intrinsic\\\")&&this.lookahead().type!==o.dot){const e=this.startNode();return
this.next(),this.finishNode(e,\\\"TSIntrinsicKeyword\\\")}return
this.tsParseType()),this.semicolon(),this.finishNode(e,\\\"TSTypeAliasDeclaration\\\")}tsInNoContext(e){const
t=this.state.context;this.state.context=[t[0]];try{return e()}finally{this.state.context=t}}tsInType(e){const
t=this.state.inType;this.state.inType=!0;try{return e()}finally{this.state.inType=t}}tsEatThenParseType(e){return
this.match(e)?this.tsNextThenParseType():void 0}tsExpectThenParseType(e){return
this.tsDoThenParseType(=>this.expect(e))}tsNextThenParseType(){return
this.tsDoThenParseType(=>this.next())}tsDoThenParseType(e){return
this.tsInType(=>(e(),this.tsParseType()))}tsParseEnumMember(){const e=this.startNode();return
e.id=this.match(o.string)?this.parseExprAtom():this.parseIdentifier(!0),this.eat(o.eq)&&(e.initializer=this.parseMay
beAssignAllowIn()),this.finishNode(e,\\\"TSEnumMember\\\")}tsParseEnumDeclaration(e,t){return
t&&(e.const=!0),e.id=this.parseIdentifier(),this.checkLVal(e.id,t?779:267,void 0,\\\"typescript enum
declaration\\\"),this.expect(o.braceL),e.members=this.tsParseDelimitedList(\\\"EnumMembers\\\",this.tsParseEnum
Member.bind(this)),this.expect(o.braceR),this.finishNode(e,\\\"TSEnumDeclaration\\\")}tsParseModuleBlock(){con
st e=this.startNode();return
this.scope.enter(0),this.expect(o.braceL),this.parseBlockOrModuleBlockBody(e.body=[],void
0,!0,o.braceR),this.scope.exit(),this.finishNode(e,\\\"TSModuleBlock\\\")}tsParseModuleOrNamespaceDeclaration(
e,t=!1){if(e.id=this.parseIdentifier(),t||this.checkLVal(e.id,1024,null,\\\"module or namespace
declaration\\\"),this.eat(o.dot)){const
t=this.startNode();this.tsParseModuleOrNamespaceDeclaration(t,!0),e.body=t}else
this.scope.enter(128),this.prodParam.enter(0),e.body=this.tsParseModuleBlock(),this.prodParam.exit(),this.scope.exi
t();return this.finishNode(e,\\\"TSModuleDeclaration\\\")}tsParseAmbientExternalModuleDeclaration(e){return
this.isContextual(\\\"global\\\")?(e.global=!0,e.id=this.parseIdentifier():this.match(o.string)?e.id=this.parseExprAto
m():this.unexpected(),this.match(o.braceL)?(this.scope.enter(128),this.prodParam.enter(0),e.body=this.tsParseModu
leBlock(),this.prodParam.exit(),this.scope.exit():this.semicolon(),this.finishNode(e,\\\"TSModuleDeclaration\\\"))}ts
ParseImportEqualsDeclaration(e,t){return e.isExport=t?!1,e.id=this.parseIdentifier(),this.checkLVal(e.id,9,void
0,\\\"import equals
declaration\\\"),this.expect(o.eq),e.moduleReference=this.tsParseModuleReference(),this.semicolon(),this.finishNod
e(e,\\\"TSImportEqualsDeclaration\\\")}tsIsExternalModuleReference(){return
this.isContextual(\\\"require\\\")&&40===this.lookaheadCharCode()}tsParseModuleReference(){return
this.tsIsExternalModuleReference()?this.tsParseExternalModuleReference():this.tsParseEntityName(!1)}tsParseExte
rnalModuleReference(){const
e=this.startNode();if(this.expectContextual(\\\"require\\\"),this.expect(o.parenL),!this.match(o.string))throw
this.unexpected();return
e.expression=this.parseExprAtom(),this.expect(o.parenR),this.finishNode(e,\\\"TSExternalModuleReference\\\")}tsL
ookAhead(e){const t=this.state.clone(),r=e();return this.state=t,r}tsTryParseAndCatch(e){const
t=this.tryParse(t=>e())|t();if(!t.aborted&&t.node)return t.error&&(this.state=t.failState),t.node}tsTryParse(e){const
t=this.state.clone(),r=e();return void
0!==r&&!1!==r?r:void(this.state=t)}tsTryParseDeclare(e){if(this.isLineTerminator())return;let
t,r=this.state.type;return
this.isContextual(\\\"let\\\")&&(r=o._var,t=\\\"let\\\"),this.tsInDeclareContext(=>{switch(r){case o._function:return
e.declare=!0,this.parseFunctionStatement(e,!1,!0);case o._class:return e.declare=!0,this.parseClass(e,!0,!1);case

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o._const;if(this.match(o._const)&&this.isLookaheadContextual(\\\\"enum\\"))return
this.expect(o._const),this.expectContextual(\\\\"enum\\"),this.tsParseEnumDeclaration(e,!0);case o._var:return
t=t||this.state.value,this.parseVarStatement(e,t);case o.name:{const
t=this.state.value;return\\\\"global\\"===t?this.tsParseAmbientExternalModuleDeclaration(e):this.tsParseDeclaration
(e,t,!0)}}}tsTryParseExportDeclaration(){return
this.tsParseDeclaration(this.startNode(),this.state.value,!0)}tsParseExpressionStatement(e,t){switch(t.name){case\\\\"
declare\\"":{const t=this.tsTryParseDeclare(e);if(t)return
t.declare=!0,t;break}case\\\\"global\\"":if(this.match(o.braceL)){this.scope.enter(128),this.prodParam.enter(0);const
r=e;return
r.global=!0,r.id=t,r.body=this.tsParseModuleBlock(),this.scope.exit(),this.prodParam.exit(),this.finishNode(r,\\\\"TS
ModuleDeclaration\\"))}break;default:return
this.tsParseDeclaration(e,t.name,!1)}tsParseDeclaration(e,t,r){switch(t){case\\\\"abstract\\"":if(this.tsCheckLineTer
minatorAndMatch(o._class,r)){const t=e;return
t.abstract=!0,r&&(this.next(),this.match(o._class)||this.unexpected(null,o._class)),this.parseClass(t,!0,!1)}break;case\\\\"
enum\\"":if(r||this.match(o.name))return
r&&this.next(),this.tsParseEnumDeclaration(e,!1);break;case\\\\"interface\\"":if(this.tsCheckLineTerminatorAndMatc
h(o.name,r))return
r&&this.next(),this.tsParseInterfaceDeclaration(e);break;case\\\\"module\\"":if(r&&this.next(),this.match(o.string))ret
urn this.tsParseAmbientExternalModuleDeclaration(e);if(this.tsCheckLineTerminatorAndMatch(o.name,r))return
this.tsParseModuleOrNamespaceDeclaration(e);break;case\\\\"namespace\\"":if(this.tsCheckLineTerminatorAndMatc
h(o.name,r))return
r&&this.next(),this.tsParseModuleOrNamespaceDeclaration(e);break;case\\\\"type\\"":if(this.tsCheckLineTerminator
AndMatch(o.name,r))return
r&&this.next(),this.tsParseTypeAliasDeclaration(e)}tsCheckLineTerminatorAndMatch(e,t){return(t||this.match(e))
&&!this.isLineTerminator()}tsTryParseGenericAsyncArrowFunction(e,t){if(!this.isRelational(\\\\"<\\\\"))return;const
r=this.state.maybeInArrowParameters;this.state.maybeInArrowParameters=!0;const
n=this.tsTryParseAndCatch(=>{const r=this.startNodeAt(e,t);return
r.typeParameters=this.tsParseTypeParameters(),super.parseFunctionParams(r),r.returnType=this.tsTryParseTypeOr
TypePredicateAnnotation(),this.expect(o.arrow,r)});return
this.state.maybeInArrowParameters=r,n?this.parseArrowExpression(n,null,!0):void
0}tsParseTypeArguments(){const e=this.startNode();return
e.params=this.tsInType(=>this.tsInNoContext(=>(this.expectRelational(\\\\"<\\\\"),this.tsParseDelimitedList(\\\\"Ty
peParametersOrArguments\\" ,this.tsParseType.bind(this))))),0===e.params.length&&this.raise(e.start,ae.EmptyTyp
eArguments),this.state.exprAllowed=!1,this.expectRelational(\\\\">\\\\"),this.finishNode(e,\\\\"TSTypeParameterInstan
tiation\\"))}tsIsDeclarationStart(){if(this.match(o.name))switch(this.state.value){case\\\\"abstract\\"":case\\\\"declare\\\\"
":case\\\\"enum\\"":case\\\\"interface\\"":case\\\\"module\\"":case\\\\"namespace\\"":case\\\\"type\\"":return!0}return!1}isE
xportDefaultSpecifier(){return!this.tsIsDeclarationStart()&&super.isExportDefaultSpecifier()}parseAssignableListIt
em(e,t){const r=this.state.start,n=this.state.startLoc;let i,s=!1;void
0!==e&&(i=this.parseAccessModifier(),s=!1,this.tsParseModifier([\\\\"readonly\\"]),!1===e&&(i|s)&&this.raise(r,ae
.UnexpectedParameterModifier));const a=this.parseMaybeDefault();this.parseAssignableListItemTypes(a);const
o=this.parseMaybeDefault(a.start,a.loc.start,a);if(i|s){const e=this.startNodeAt(r,n);return
t.length&&(e.decorators=t),i&&(e.accessibility=i),s&&(e.readonly=s),\\\\"Identifier\\"!==o.type&&\\\\"AssignmentP
attern\\"!==o.type&&this.raise(e.start,ae.UnsupportedParameterPropertyKind),e.parameter=o,this.finishNode(e,\\\\"
TSParameterProperty\\"))}return
t.length&&(a.decorators=t),o}parseFunctionBodyAndFinish(e,t,r=!1){this.match(o.colon)&&(e.returnType=this.tsP
arseTypeOrTypePredicateAnnotation(o.colon));const
n=\\\\"FunctionDeclaration\\"===t?\\\\"TSDeclareFunction\\"::\\\\"ClassMethod\\"===t?\\\\"TSDeclareMethod\\"::voi
d

```

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0;n&&!this.match(o.braceL)&&this.isLineTerminator()?this.finishNode(e,n):\\"TSDeclareFunction\\"===n&&this
.state.isDeclareContext&&(this.raise(e.start,ae.DeclareFunctionHasImplementation),e.declare)?super.parseFunction
BodyAndFinish(e,n,r):super.parseFunctionBodyAndFinish(e,t,r)}registerFunctionStatementId(e){!e.body&&e.id?th
is.checkLVal(e.id,1024,null,\\"function
name\\"):super.registerFunctionStatementId(...arguments)}tsCheckForInvalidTypeCasts(e){e.forEach(e=>{\\"TST
ypeCastExpression\\"===e?(null===e?void
0:e.type)&&this.raise(e.typeAnnotation.start,ae.UnexpectedTypeAnnotation)})}toReferencedList(e,t){return
this.tsCheckForInvalidTypeCasts(e,e)}parseArrayLike(...e){const
t=super.parseArrayLike(...e);return\\"ArrayExpression\\"===t.type&&this.tsCheckForInvalidTypeCasts(t.elements
),t}parseSubscript(e,t,r,n,i){if(!this.hasPrecedingLineBreak()&&this.match(o.bang)){this.state.exprAllowed=!1,this.
next();const n=this.startNodeAt(t,r);return
n.expression=e,this.finishNode(n,\\"TSNonNullExpression\\")}if(this.isRelational(\\"<\\")){const
s=this.tsTryParseAndCatch(=>{if(!n&&this.atPossibleAsyncArrow(e)){const
e=this.tsTryParseGenericAsyncArrowFunction(t,r);if(e)return e}const s=this.startNodeAt(t,r);s.callee=e;const
a=this.tsParseTypeArguments();if(a){if(!n&&this.eat(o.parenL))return
s.arguments=this.parseCallExpressionArguments(o.parenR,!1),this.tsCheckForInvalidTypeCasts(s.arguments),s.typ
eParameters=a,this.finishCallExpression(s,i.optionalChainMember);if(this.match(o.backQuote)){const
n=this.parseTaggedTemplateExpression(e,t,r,i);return n.typeParameters=a,n}this.unexpected();}if(s)return
s}return super.parseSubscript(e,t,r,n,i)}parseNewArguments(e){if(this.isRelational(\\"<\\")){const
t=this.tsTryParseAndCatch(=>{const e=this.tsParseTypeArguments();return
this.match(o.parenL)||this.unexpected(),e)};t&&(e.typeParameters=t)}super.parseNewArguments(e)}parseExprOp(e
,t,r,n){if(e(o._in.binop)>n&&this.hasPrecedingLineBreak()&&this.isContextual(\\"as\\")){const
i=this.startNodeAt(t,r);i.expression=e;const s=this.tsTryNextParseConstantContext();return
i.typeAnnotation=s||this.tsNextThenParseType(),this.finishNode(i,\\"TSAsExpression\\"),this.reScan_It_gt(),this.pa
rseExprOp(i,t,r,n)}return
super.parseExprOp(e,t,r,n)}checkReservedWord(e,t,r,n){checkDuplicateExports()}parseImport(e){if(this.match(o
.name)||this.match(o.star)||this.match(o.braceL)){const
t=this.lookahead();if(this.match(o.name)&&t.type===o.eq)return
this.tsParseImportEqualsDeclaration(e);!this.isContextual(\\"type\\")||t.type===o.comma||t.type===o.name&&\\"fr
om\\"===t.value||(e.importKind=\\"type\\",this.next())}e.importKind||(e.importKind=\\"value\\");const
t=super.parseImport(e);return\\"type\\"===t.importKind&&t.specifiers.length>1&&\\"ImportDefaultSpecifier\\"=
===t.specifiers[0].type&&this.raise(t.start,\\"A type-only import can specify a default import or named bindings, but
not both.\\"),t}parseExport(e){if(this.match(o._import))return
this.expect(o._import),this.tsParseImportEqualsDeclaration(e,!0);if(this.eat(o.eq)){const t=e;return
t.expression=this.parseExpression(),this.semicolon(),this.finishNode(t,\\"TSExportAssignment\\")}if(this.eatConte
xtual(\\"as\\")){const t=e;return
this.expectContextual(\\"namespace\\"),t.id=this.parseIdentifier(),this.semicolon(),this.finishNode(t,\\"TSNamespa
ceExportDeclaration\\")}return
this.isContextual(\\"type\\")&&this.lookahead().type===o.braceL?(this.next(),e.exportKind=\\"type\\"):e.exportK
ind=\\"value\\",super.parseExport(e)}isAbstractClass(){return
this.isContextual(\\"abstract\\")&&this.lookahead().type===o._class}parseExportDefaultExpression(){if(this.isAbs
tractClass()){const e=this.startNode();return
this.next(),this.parseClass(e,!0,!0),e.abstract=!0,e}if(\\"interface\\"===this.state.value){const
e=this.tsParseDeclaration(this.startNode(),this.state.value,!0);if(e)return e}return
super.parseExportDefaultExpression()}parseStatementContent(e,t){if(this.state.type===o._const){const
e=this.lookahead();if(e.type===o.name&&\\"enum\\"===e.value){const e=this.startNode();return
this.expect(o._const),this.expectContextual(\\"enum\\"),this.tsParseEnumDeclaration(e,!0)}return
super.parseStatementContent(e,t)}parseAccessModifier(){return

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this.tsParseModifier([\\\\"public\\\\"|\\\\"protected\\\\"|\\\\"private\\\\"]);parseClassMember(e,t,r){this.tsParseModifiers(t,
[\\\\"declare\\\\"]);const
n=this.parseAccessModifier();n&&(t.accessibility=n),this.tsParseModifiers(t,[\\\\"declare\\\\"]);const
i=(=>{super.parseClassMember(e,t,r)};t.declare?this.tsInDeclareContext(i):i)}parseClassMemberWithIsStatic(e,t,r
,n){this.tsParseModifiers(t,[\\\\"abstract\\\\"|\\\\"readonly\\\\"|\\\\"declare\\\\"]);const
i=this.tsTryParseIndexSignature(t);if(i)return
e.body.push(i),t.abstract&&this.raise(t.start,ae.IndexSignatureHasAbstract),n&&this.raise(t.start,ae.IndexSignature
HasStatic),t.accessibility&&this.raise(t.start,ae.IndexSignatureHasAccessibility,t.accessibility),void(t.declare&&this
.raise(t.start,ae.IndexSignatureHasDeclare));super.parseClassMemberWithIsStatic(e,t,r,n)}parsePostMemberName
Modifiers(e){this.eat(o.question)&&(e.optional=!0),e.readonly&&this.match(o.parenL)&&this.raise(e.start,ae.Class
MethodHasReadonly),e.declare&&this.match(o.parenL)&&this.raise(e.start,ae.ClassMethodHasDeclare)}parseExpr
essionStatement(e,t){return(\\\\"Identifier\\\\"===t.type?this.tsParseExpressionStatement(e,t):void
0)||super.parseExpressionStatement(e,t)}shouldParseExportDeclaration(){return!this.tsIsDeclarationStart()}super.sh
ouldParseExportDeclaration()}parseConditional(e,t,r,n){if(!n||this.match(o.question))return
super.parseConditional(e,t,r,n);const i=this.tryParse(=>super.parseConditional(e,t,r));return
i.node?(i.error&&(this.state=i.failState),i.node):(n.start=i.error.pos||this.state.start,e)}parseParenItem(e,t,r){if(e=sup
er.parseParenItem(e,t,r),this.eat(o.question)&&(e.optional=!0,this.resetEndLocation(e)),this.match(o.colon)){const
n=this.startNodeAt(t,r);return
n.expression=e,n.typeAnnotation=this.tsParseTypeAnnotation(),this.finishNode(n,\\\\"TSTypeCastExpression\\\\"))}re
turn e}parseExportDeclaration(e){const t=this.state.start,r=this.state.startLoc,n=this.eatContextual(\\\\"declare\\\\"");let
i;return
this.match(o.name)&&(i=this.tsTryParseExportDeclaration()),i||(i=super.parseExportDeclaration(e)),i&&(\\\\"TSInte
rfaceDeclaration\\\\"===i.type||\\\\"TSTypeAliasDeclaration\\\\"===i.type||n)&&(e.exportKind=\\\\"type\\\\"),i&&n&&(
this.resetStartLocation(i,t,r),i.declare=!0,i)}parseClassId(e,t,r){if(!t|r)&&this.isContextual(\\\\"implements\\\\"))retur
n;super.parseClassId(e,t,r,e.declare?1024:139);const
n=this.tsTryParseTypeParameters();n&&(e.typeParameters=n)}parseClassPropertyAnnotation(e){!e.optional&&this
.eat(o.bang)&&(e.definite=!0);const
t=this.tsTryParseTypeAnnotation();t&&(e.typeAnnotation=t)}parseClassProperty(e){return
this.parseClassPropertyAnnotation(e),this.state.isDeclareContext&&this.match(o.eq)&&this.raise(this.state.start,ae.
DeclareClassFieldHasInitializer),super.parseClassProperty(e)}parseClassPrivateProperty(e){return
e.abstract&&this.raise(e.start,ae.PrivateElementHasAbstract),e.accessibility&&this.raise(e.start,ae.PrivateElementH
asAccessibility,e.accessibility),this.parseClassPropertyAnnotation(e),super.parseClassPrivateProperty(e)}pushClass
Method(e,t,r,n,i,s){const
a=this.tsTryParseTypeParameters();a&&i&&this.raise(a.start,ae.ConstructorHasTypeParameters),a&&(t.typeParam
eters=a),super.pushClassMethod(e,t,r,n,i,s)}pushClassPrivateMethod(e,t,r,n){const
i=this.tsTryParseTypeParameters();i&&(t.typeParameters=i),super.pushClassPrivateMethod(e,t,r,n)}parseClassSupe
r(e){super.parseClassSuper(e),e.superClass&&this.isRelational(\\\\"<\\\\")&&(e.superTypeParameters=this.tsParseTy
peArguments()),this.eatContextual(\\\\"implements\\\\")&&(e.implements=this.tsParseHeritageClause(\\\\"implements\
\\\\"))}parseObjPropValue(e,...t){const
r=this.tsTryParseTypeParameters();r&&(e.typeParameters=r),super.parseObjPropValue(e,...t)}parseFunctionParams
(e,t){const
r=this.tsTryParseTypeParameters();r&&(e.typeParameters=r),super.parseFunctionParams(e,t)}parseVarId(e,t){super
.parseVarId(e,t),\\\\"Identifier\\\\"===e.id.type&&this.eat(o.bang)&&(e.definite=!0);const
r=this.tsTryParseTypeAnnotation();r&&(e.id.typeAnnotation=r,this.resetEndLocation(e.id))}parseAsyncArrowFrom
mCallExpression(e,t){return
this.match(o.colon)&&(e.returnType=this.tsParseTypeAnnotation()),super.parseAsyncArrowFromCallExpression(e,
t)}parseMaybeAssign(...e){var t,r,n,i,s,a,l;let
c,p,u,d;if(this.match(o.jsxTagStart)){if(c=this.state.clone(),p=this.tryParse(=>super.parseMaybeAssign(...e),c),!p.e

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ror)return p.node;const { context:t }=this.state;t[t.length-1]===g.j_oTag?t.length-=2:t[t.length-
1]===g.j_expr&&(t.length=1)}if(!(null==(t=p)?void 0:t.error)&&!this.isRelational(("\\<\\\\"))return
super.parseMaybeAssign(...e);c=c||this.state.clone();const h=this.tryParse(t=>{ var
r;d=this.tsParseTypeParameters();const
n=super.parseMaybeAssign(...e);return(("\\ ArrowFunctionExpression\\\\" !==n.type||n.extra&&n.extra.parenthesized)
&&t(),0!==(null==(r=d)?void
0:r.params.length)&&this.resetStartLocationFromNode(n,d),n.typeParameters=d,n},c);if(!h.error&&!h.aborted)retur
n
h.node;if(!p&&(se(!this.hasPlugin(("\\ jsx\\\\")),u=this.tryParse(=>super.parseMaybeAssign(...e),c,!u.error))return
u.node;if(null==(r=p)?void 0:r.node)return this.state=p.failState,p.node;if(h.node)return
this.state=h.failState,h.node;if(null==(n=u)?void 0:n.node)return this.state=u.failState,u.node;if(null==(i=p)?void
0:i.thrown)throw p.error;if(h.thrown)throw h.error;if(null==(s=u)?void 0:s.thrown)throw
u.error;throw(null==(a=p)?void 0:a.error)||h.error||(null==(l=u)?void
0:l.error)}parseMaybeUnary(e){return!this.hasPlugin(("\\ jsx\\\\"))&&this.isRelational(("\\<\\\\"))?this.tsParseTypeAsse
rtion():super.parseMaybeUnary(e)}parseArrow(e){if(this.match(o.colon)){const t=this.tryParse(e=>{const
t=this.tsParseTypeOrTypePredicateAnnotation(o.colon);return!this.canInsertSemicolon()&&this.match(o.arrow)||e)
,t});if(t.aborted)return;t.thrown||(t.error&&(this.state=t.failState),e.returnType=t.node)}return
super.parseArrow(e)}parseAssignableListItemTypes(e){this.eat(o.question)&&(("\\ Identifier\\\\" ===e.type||this.state.
isDeclareContext||this.state.inType||this.raise(e.start,ae.PatternIsOptional),e.optional=!0);const
t=this.tsTryParseTypeAnnotation();return
t&&(e.typeAnnotation=t),this.resetEndLocation(e),e}toAssignable(e){switch(e.type){case\\"TSTypeCastExpressio
n\\":return super.toAssignable(this.typeCastToParameter(e));case\\"TSParameterProperty\\":return
super.toAssignable(e);case\\"TSAsExpression\\":case\\"TSNonNullExpression\\":case\\"TSTypeAssertion\\":ret
urn e.expression=this.toAssignable(e.expression),e;default:return
super.toAssignable(e)}checkLVal(e,t=64,r,n){switch(e.type){case\\"TSTypeCastExpression\\":return;case\\"TSP
arameterProperty\\":return void this.checkLVal(e.parameter,t,r,\\"parameter
property\\");case\\"TSAsExpression\\":case\\"TSNonNullExpression\\":case\\"TSTypeAssertion\\":return void
this.checkLVal(e.expression,t,r,n);default:return void
super.checkLVal(e,t,r,n)}parseBindingAtom(){switch(this.state.type){case o._this:return
this.parseIdentifier(!0);default:return
super.parseBindingAtom()}parseMaybeDecoratorArguments(e){if(this.isRelational(("\\<\\\\")){const
t=this.tsParseTypeArguments();if(this.match(o.parenL)){const r=super.parseMaybeDecoratorArguments(e);return
r.typeParameters=t,r}this.unexpected(this.state.start,o.parenL)}return
super.parseMaybeDecoratorArguments(e)}isClassMethod(){return
this.isRelational(("\\<\\\\")||super.isClassMethod())isClassProperty(){return
this.match(o.bang)||this.match(o.colon)||super.isClassProperty()}parseMaybeDefault(...e){const
t=super.parseMaybeDefault(...e);return(("\\ AssignmentPattern\\\\" ===t.type&&t.typeAnnotation&&t.right.start<t.type
Annotation.start&&this.raise(t.typeAnnotation.start,ae.TypeAnnotationAfterAssign),t)getTokenFromCode(e){retur
n!this.state.inType||62!==(e&&60!==(e)?super.getTokenFromCode(e):this.finishOp(o.relational,1))reScan_lt_gt){if(t
his.match(o.relational)){const e=this.input.charCodeAtAt(this.state.start);60!==(e&&62!==(e)||this.state.pos-
=1,this.readToken_lt_gt(e))}toAssignableList(e){for(let t=0;t<e.length;t++){const
r=e[t];if(r)switch(r.type){case\\"TSTypeCastExpression\\":e[t]=this.typeCastToParameter(r);break;case\\"TSAsEx
pression\\":case\\"TSTypeAssertion\\":this.state.maybeInArrowParameters?this.raise(r.start,ae.UnexpectedTypeCa
stInParameter):e[t]=this.typeCastToParameter(r)}return
super.toAssignableList(...arguments)}typeCastToParameter(e){return
e.expression.typeAnnotation=e.typeAnnotation,this.resetEndLocation(e.expression,e.typeAnnotation.end,e.typeAnn
otation.loc.end),e.expression}shouldParseArrow(){return
this.match(o.colon)||super.shouldParseArrow()}shouldParseAsyncArrow(){return

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this.match(o.colon)||super.shouldParseAsyncArrow()}canHaveLeadingDecorator(){return
super.canHaveLeadingDecorator()||this.isAbstractClass()}jsxParseOpeningElementAfterName(e){if(this.isRelationa
l(<||" <||")){const t=this.tsTryParseAndCatch(=>this.tsParseTypeArguments());t&&(e.typeParameters=t)}return
super.jsxParseOpeningElementAfterName(e)}getGetterSetterExpectedParamCount(e){const
t=super.getGetterSetterExpectedParamCount(e),r=e.params[0];return
r&&||"Identifier"===r.type&&||"this"===r.name?t+1:t}parseCatchClauseParam(){const
e=super.parseCatchClauseParam(),t=this.tsTryParseTypeAnnotation();return
t&&(e.typeAnnotation=t,this.resetEndLocation(e)),e}tsInDeclareContext(e){const
t=this.state.isDeclareContext;this.state.isDeclareContext=!0;try{return
e()}finally{this.state.isDeclareContext=t}},v8intrinsic:e=>class extends
e{parseV8Intrinsic(){if(this.match(o.modulo)){const
e=this.state.start,t=this.startNode();if(this.eat(o.modulo),this.match(o.name)){const
e=this.parseIdentifierName(this.state.start),r=this.createIdentifier(t,e);if(r.type=||"V8IntrinsicIdentifier",this.matc
h(o.parenL))return r}this.unexpected(e)}parseExprAtom(){return
this.parseV8Intrinsic()||super.parseExprAtom(...arguments)},placeholders:e=>class extends
e{parsePlaceholder(e){if(this.match(o.placeholder)){const t=this.startNode();return
this.next(),this.assertNoSpace(||"Unexpected space in
placeholder.||"),t.name=super.parseIdentifier(!0),this.assertNoSpace(||"Unexpected space in
placeholder.||"),this.expect(o.placeholder),this.finishPlaceholder(t,e)}finishPlaceholder(e,t){const
r=!(e.expectedNode||"Placeholder"!==e.type);return
e.expectedNode=t,r?e:this.finishNode(e,||"Placeholder")}getTokenFromCode(e){return
37===e&&37===this.input.charCodeAtAt(this.state.pos+1)?this.finishOp(o.placeholder,2):super.getTokenFromCode(
...arguments)}parseExprAtom(){return
this.parsePlaceholder(||"Expression"||)||super.parseExprAtom(...arguments)}parseIdentifier(){return
this.parsePlaceholder(||"Identifier"||)||super.parseIdentifier(...arguments)}checkReservedWord(e){void
0!==(e&&super.checkReservedWord(...arguments))}parseBindingAtom(){return
this.parsePlaceholder(||"Pattern"||)||super.parseBindingAtom(...arguments)}checkLVal(e){||"Placeholder"!==e.t
ype&&super.checkLVal(...arguments)}toAssignable(e){return
e&&||"Placeholder"===e.type&&||"Expression"===e.expectedNode?(e.expectedNode=||"Pattern",e):super.
toAssignable(...arguments)}verifyBreakContinue(e){e.label&&||"Placeholder"===e.label.type||super.verifyBreak
Continue(...arguments)}parseExpressionStatement(e,t){if(||"Placeholder"!==t.type||t.extra&&t.extra.parenthesize
d)return super.parseExpressionStatement(...arguments);if(this.match(o.colon)){const r=e;return
r.label=this.finishPlaceholder(t,||"Identifier"),this.next(),r.body=this.parseStatement(||"Label"),this.finishNode(
r,||"LabeledStatement")}return
this.semicolon(),e.name=t.name,this.finishPlaceholder(e,||"Statement")}parseBlock(){return
this.parsePlaceholder(||"BlockStatement"||)||super.parseBlock(...arguments)}parseFunctionId(){return
this.parsePlaceholder(||"Identifier"||)||super.parseFunctionId(...arguments)}parseClass(e,t,r){const
n=t?||"ClassDeclaration"||:||"ClassExpression"||;this.next(),this.takeDecorators(e);const
i=this.state.strict,s=this.parsePlaceholder(||"Identifier"||);if(s)if(this.match(o._extends)||this.match(o.placeholder)||t
his.match(o.braceL))e.id=s;else{if(r)!return
e.id=null,e.body=this.finishPlaceholder(s,||"ClassBody"),this.finishNode(e,n);this.unexpected(null,||"A class
name is required")}else this.parseClassId(e,t,r);return
this.parseClassSuper(e),e.body=this.parsePlaceholder(||"ClassBody"||)||this.parseClassBody(!e.superClass,i),this.f
inishNode(e,n)}parseExport(e){const t=this.parsePlaceholder(||"Identifier"||);if(!t)return
super.parseExport(...arguments);if(!this.isContextual(||"from"||)&&!this.match(o.comma))return
e.specifiers=[],e.source=null,e.declaration=this.finishPlaceholder(t,||"Declaration"),this.finishNode(e,||"ExportN
amedDeclaration");this.expectPlugin(||"exportDefaultFrom");const r=this.startNode();return
r.exported=t,e.specifiers=[this.finishNode(r,||"ExportDefaultSpecifier"),super.parseExport(e)]isExportDefaultSp

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ecifier(){if(this.match(o._default)){const
e=this.nextTokenStart();if(this.isUnparsedContextual(e,\\\\"from\\\\"))&&this.input.startsWith(o.placeholder.label,this.
nextTokenStartSince(e+4))return!0}return
super.isExportDefaultSpecifier())maybeParseExportDefaultSpecifier(e){return!!(e.specifiers&&e.specifiers.length>
0)||super.maybeParseExportDefaultSpecifier(...arguments)}checkExport(e){const{specifiers:t}=e;(null==t?void
0:t.length)&&(e.specifiers=t.filter(e=>\\\\"Placeholder\\\\"===e.exported.type)),super.checkExport(e),e.specifiers=t}p
arseImport(e){const t=this.parsePlaceholder(\\\\"Identifier\\\\"");if(!t)return
super.parseImport(...arguments);if(e.specifiers=[],!this.isContextual(\\\\"from\\\\"))&&!this.match(o.comma)return
e.source=this.finishPlaceholder(t,\\\\"StringLiteral\\\\""),this.semicolon(),this.finishNode(e,\\\\"ImportDeclaration\\\\"");c
onst
r=this.startNodeAtNode(t);if(r.local=t,this.finishNode(r,\\\\"ImportDefaultSpecifier\\\\""),e.specifiers.push(r),this.eat(o.
comma)){this.maybeParseStarImportSpecifier(e)||this.parseNamedImportSpecifiers(e)}return
this.expectContextual(\\\\"from\\\\"),e.source=this.parseImportSource(),this.semicolon(),this.finishNode(e,\\\\"ImportD
eclaration\\\\"")}parseImportSource(){return
this.parsePlaceholder(\\\\"StringLiteral\\\\"")|super.parseImportSource(...arguments)}},de=Object.keys(ue),he={sourc
eType:\\\\"script\\\\"},sourceFilename:void
0,startLine:1,allowAwaitOutsideFunction:!1,allowReturnOutsideFunction:!1,allowImportExportEverywhere:!1,allo
wSuperOutsideMethod:!1,allowUndeclaredExports:!1,plugins:[],strictMode:null,ranges:!1,tokens:!1,createParenthes
izedExpressions:!1,errorRecovery:!1};class fe{constructor(){this.strict=void 0,this.curLine=void
0,this.startLoc=void 0,this.endLoc=void 0,this.errors=[],this.potentialArrowAt=-
1,this.noArrowAt=[],this.noArrowParamsConversionAt=[],this.maybeInArrowParameters=!1,this.inPipeline=!1,this
.inType=!1,this.noAnonFunctionType=!1,this.inPropertyName=!1,this.hasFlowComment=!1,this.isIterator=!1,this.i
sDeclareContext=!1,this.topicContext={maxNumOfResolvableTopics:0,maxTopicIndex:null},this.soloAwait=!1,this
s.inFSharpPipelineDirectBody=!1,this.labels=[],this.decoratorStack=[[]],this.comments=[],this.trailingComments=[]
,this.leadingComments=[],this.commentStack=[],this.commentPreviousNode=null,this.pos=0,this.lineStart=0,this.ty
pe=o.eof,this.value=null,this.start=0,this.end=0,this.lastTokEndLoc=null,this.lastTokStartLoc=null,this.lastTokStart
=0,this.lastTokEnd=0,this.context=[g.braceStatement],this.exprAllowed=!0,this.containsEsc=!1,this.octalPositions=
[],this.exportedIdentifiers=[],this.tokensLength=0}init(e){this.strict=!1!==e.strictMode&&\\\\"module\\\\"===e.sourc
eType,this.curLine=e.startLine,this.startLoc=this.endLoc=this.curPosition()}curPosition(){return new
h(this.curLine,this.pos-this.lineStart)}clone(e){const t=new fe,r=Object.keys(this);for(let
n=0,i=r.length;n<i;n++){const i=r[n];let s=this[i];!e&&Array.isArray(s)&&(s=s.slice()),t[i]=s}return t}var
me=function(e){return e>=48&&e<=57};const ye=new
Set([\\\\"g\\\\",\\\\"m\\\\",\\\\"s\\\\",\\\\"i\\\\",\\\\"y\\\\",\\\\"u\\\\"]),Te={decBinOct:[46,66,69,79,95,98,101,111],hex:[46,88,95,1
20]},be={bin:[48,49];be.oct=[...be.bin,50,51,52,53,54,55],be.dec=[...be.oct,56,57],be.hex=[...be.dec,65,66,67,68,69
,70,97,98,99,100,101,102];class
ge{constructor(e){this.type=e.type,this.value=e.value,this.start=e.start,this.end=e.end,this.loc=new
f(e.startLoc,e.endLoc)}class Se{constructor(){this.shorthandAssign=-1,this.doubleProto=-1}class
xe{constructor(e,t,r){this.type=void 0,this.start=void 0,this.end=void 0,this.loc=void 0,this.range=void
0,this.leadingComments=void 0,this.trailingComments=void 0,this.innerComments=void 0,this.extra=void
0,this.type=\\\\"\\\\"},this.start=t,this.end=0,this.loc=new f(r),(null==e?void
0:e.options.ranges)&&(this.range=[t,0]),(null==e?void
0:e.filename)&&(this.loc.filename=e.filename)}__clone(){const e=new xe,t=Object.keys(this);for(let
r=0,n=t.length;r<n;r++){const
n=t[r];\\\\"leadingComments\\\\"!==n&&\\\\"trailingComments\\\\"!==n&&\\\\"innerComments\\\\"!==n&&(e[n]=this[n]
)}return e}const Ee=e=>\\\\"ParenthesizedExpression\\\\"===e.type?Ee(e.expression):e;class
Pe{constructor(e=0){this.type=void 0,this.type=e}canBeArrowParameterDeclaration(){return
2===this.type||1===this.type}isCertainlyParameterDeclaration(){return 3===this.type}class ve extends
Pe{constructor(e){super(e),this.errors=new

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Map}recordDeclarationError(e,t){this.errors.set(e,t)}clearDeclarationError(e){this.errors.delete(e)}iterateErrors(e){t
his.errors.forEach(e)} }class Ae{constructor(e){this.stack=[new
Pe],this.raise=e}enter(e){this.stack.push(e)}exit(){this.stack.pop()}recordParameterInitializerError(e,t){const{stack:
r}=this;let n=r.length-
1,i=r[n];for(;!i.isCertainlyParameterDeclaration());if(!i.canBeArrowParameterDeclaration())return;i.recordDeclarat
ionError(e,t,i=r[--n])this.raise(e,t)}recordAsyncArrowParametersError(e,t){const{stack:r}=this;let n=r.length-
1,i=r[n];for(;i.canBeArrowParameterDeclaration());2===i.type&&i.recordDeclarationError(e,t,i=r[--
n])validateAsPattern(){const{stack:e}=this,t=e[e.length-
1];t.canBeArrowParameterDeclaration()&&t.iterateErrors((t,r)=>{this.raise(r,t);let n=e.length-
2,i=e[n];for(;i.canBeArrowParameterDeclaration());i.clearDeclarationError(r,i=e[--n])}} }function we(){return new
Pe}const Oe={kind:"loop"},Ie={kind:"switch"},Ce=/[\uD800-\uDFFF]/u;class
Ne{constructor(){this.privateNames=new Set,this.loneAccessors=new Map,this.undefinedPrivateNames=new
Map} }class ke{constructor(e){this.stack=[],this.undefinedPrivateNames=new Map,this.raise=e}current(){return
this.stack[this.stack.length-1]}enter(){this.stack.push(new Ne)}exit(){const e=this.stack.pop(),t=this.current();for(let
r=0,n=Array.from(e.undefinedPrivateNames);r<n.length;r++){const[e,i]=n[r];t.undefinedPrivateNames.has(e)||t.un
definedPrivateNames.set(e,i):this.raise(i,y.InvalidPrivateFieldResolution,e)} }declarePrivateName(e,t,r){const
n=this.current();let i=n.privateNames.has(e);if(3&t){const r=i&&n.loneAccessors.get(e);if(r){const
s=4&r,a=4&t;i=(3&r)===(3&t)||s!==a,i||n.loneAccessors.delete(e)}else
i||n.loneAccessors.set(e,t)}i&&this.raise(r,y.PrivateNameRedeclaration,e),n.privateNames.add(e),n.undefinedPrivate
Names.delete(e)}usePrivateName(e,t){let r;for(let
t=0,n=this.stack;t<n.length;t++)if(r=n[t],r.privateNames.has(e))return;r?r.undefinedPrivateNames.set(e,t):this.raise(t
,y.InvalidPrivateFieldResolution,e)} }class De extends class extends class extends class extends class extends class
extends class extends class extends class extends class extends class
class{constructor(){this.sawUnambiguousESM=!1,this.ambiguousScriptDifferentAst=!1}hasPlugin(e){return
this.plugins.has(e)}getPluginOption(e,t){if(this.hasPlugin(e))return
this.plugins.get(e)[t]} }addComment(e){this.filename&&(e.loc.filename=this.filename),this.state.trailingComments
.push(e),this.state.leadingComments.push(e)}adjustCommentsAfterTrailingComma(e,t,r){if(0===this.state.leadingCom
ments.length)return;let n=null,i=t.length;for(;null===n&&i>0;)n=t[--i];if(null===n)return;for(let
e=0;e<this.state.leadingComments.length;e++)this.state.leadingComments[e].end<this.state.commentPreviousNode.
end&&(this.state.leadingComments.splice(e,1),e--);const s=[];for(let
t=0;t<this.state.leadingComments.length;t++){const
n=this.state.leadingComments[t];n.end<e.end?(s.push(n),r||(this.state.leadingComments.splice(t,1),t--):(void
0===e.trailingComments&&(e.trailingComments=[]),e.trailingComments.push(n))}r&&(this.state.leadingComment
s=[]),s.length>0?n.trailingComments=s:void
0!==n.trailingComments&&(n.trailingComments=[])}processComment(e){if("Program"===e.type&&e.body.leng
th>0)return;const t=this.state.commentStack;let
r,n,i,s,a;if(this.state.trailingComments.length>0)this.state.trailingComments[0].start>=e.end?(i=this.state.trailingCo
mments,this.state.trailingComments=[]):this.state.trailingComments.length=0;else if(t.length>0){const
r=m(t);r.trailingComments&&r.trailingComments[0].start>=e.end&&(i=r.trailingComments,delete
r.trailingComments)}for(t.length>0&&m(t).start>=e.start&&(r=t.pop());t.length>0&&m(t).start>=e.start;)n=t.pop();
if(!n&&r&&(n=r),r)switch(e.type){case"ObjectExpression":this.adjustCommentsAfterTrailingComma(e,e.prop
erties);break;case"ObjectPattern":this.adjustCommentsAfterTrailingComma(e,e.properties,!0);break;case"Call
Expression":this.adjustCommentsAfterTrailingComma(e,e.arguments);break;case"ArrayExpression":this.adju
stCommentsAfterTrailingComma(e,e.elements);break;case"ArrayPattern":this.adjustCommentsAfterTrailingCo
mma(e,e.elements,!0)}else
this.state.commentPreviousNode&&("ImportSpecifier"===this.state.commentPreviousNode.type&&"ImportS
pecifier"!==e.type||"ExportSpecifier"===this.state.commentPreviousNode.type&&"ExportSpecifier"!==e.
type)&&this.adjustCommentsAfterTrailingComma(e,[this.state.commentPreviousNode]);if(n){if(n.leadingCommen

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ts)if(n!==(e&& n.leadingComments.length>0&& m(n.leadingComments).end<=e.start)e.leadingComments=n.leading
Comments,delete n.leadingComments;else for(s=n.leadingComments.length-2;s>=0;--
s)if(n.leadingComments[s].end<=e.start){ e.leadingComments=n.leadingComments.splice(0,s+1);break } }else
if(this.state.leadingComments.length>0)if(m(this.state.leadingComments).end<=e.start){ if(this.state.commentPrevio
usNode)for(a=0;a<this.state.leadingComments.length;a++)this.state.leadingComments[a].end<this.state.commentPr
viousNode.end&&(this.state.leadingComments.splice(a,1),a--
);this.state.leadingComments.length>0&&(e.leadingComments=this.state.leadingComments,this.state.leadingComm
ents=[])}else{ for(s=0;s<this.state.leadingComments.length&&!this.state.leadingComments[s].end>e.start;s++);co
nst
t=this.state.leadingComments.slice(0,s);t.length&&(e.leadingComments=t),i=this.state.leadingComments.slice(s),0=
==i.length&&(i=null)}if(this.state.commentPreviousNode=e,i)if(i.length&&i[0].start>=e.start&&m(i).end<=e.end)e
.innerComments=i;else{ const
t=i.findIndex(t=>t.end>=e.end);t>0?(e.innerComments=i.slice(0,t),e.trailingComments=i.slice(t)):e.trailingCommen
ts=i;t.push(e)} }getLocationForPosition(e){ let t;return
t=e===this.state.start?this.state.startLoc:e===this.state.lastTokStart?this.state.lastTokStartLoc:e===this.state.end?th
is.state.endLoc:e===this.state.lastTokEnd?this.state.lastTokEndLoc:function(e,t){ let
r,n=1,i=0;for(c.lastIndex=0;(r=c.exec(e))&&r.index<t;)n++,i=c.lastIndex;return new h(n,t-
i)}(this.input,e),t)raise(e,t,...r){ return this.raiseWithData(e,void 0,t,...r)}raiseWithData(e,t,r,...n){ const
i=this.getLocationForPosition(e),s=r.replace(/%(\|\\d+)/g,(e,t)=>n[t]+` (${i.line}:${i.column})`);return
this._raise(Object.assign({loc:i,pos:e},t),s)}_raise(e,t){ const r=new
SyntaxError(t);if(Object.assign(r,e),this.options.errorRecovery)return
this.isLookahead||this.state.errors.push(r),r;throw r} }constructor(e,t){ super(),this.isLookahead=void
0,this.tokens=[],this.state=new
fe,this.state.init(e),this.input=t,this.length=t.length,this.isLookahead=!1 }pushToken(e){ this.tokens.length=this.state.t
okensLength,this.tokens.push(e),++this.state.tokensLength}next(){ this.isLookahead||(this.checkKeywordEscapes(),t
his.options.tokens&&this.pushToken(new
ge(this.state))),this.state.lastTokEnd=this.state.end,this.state.lastTokStart=this.state.start,this.state.lastTokEndLoc=th
is.state.endLoc,this.state.lastTokStartLoc=this.state.startLoc,this.nextToken()}eat(e){ return!!this.match(e)&&(this.n
ext(),!0)}match(e){ return this.state.type===e }lookahead(){ const
e=this.state;this.state=e.clone(!0),this.isLookahead=!0,this.next(),this.isLookahead=!1;const t=this.state;return
this.state=e,t}nextTokenStart(){ return this.nextTokenStartSince(this.state.pos)}nextTokenStartSince(e){ return
u.lastIndex=e,e+u.exec(this.input)[0].length}lookaheadCharCode(){ return
this.input.charCodeAtAt(this.nextTokenStart())}setStrict(e){ if(this.state.strict=e,this.match(o.num)||this.match(o.string
))for(this.state.pos=this.state.start;this.state.pos<this.state.lineStart;)this.state.lineStart=this.input.lastIndexOf("\\|\\|
\\n\\|",this.state.lineStart-2)+1,--this.state.curLine;this.nextToken()} }curContext(){ return
this.state.context[this.state.context.length-1]}nextToken(){ const e=this.curContext();if((null===e?void
0:e.preserveSpace)||this.skipSpace(),this.state.octalPositions=[],this.state.start=this.state.pos,this.state.startLoc=this.s
tate.curPosition(),this.state.pos>=this.length)return void this.finishToken(o.eof);const t=null===e?void
0:e.override;t?(this):this.getTokenFromCode(this.input.codePointAt(this.state.pos))}pushComment(e,t,r,n,i,s){ const
a={ type:e?"CommentBlock":"CommentLine",value:t,start:r,end:n,loc:new
f(i,s)};this.options.tokens&&this.pushToken(a),this.state.comments.push(a),this.addComment(a)}skipBlockComme
nt(){ const e=this.state.curPosition(),t=this.state.pos,r=this.input.indexOf("\\|\\|*^\\|",this.state.pos+2);if(-1===r)throw
this.raise(t,y.UnterminatedComment);let
n;for(this.state.pos=r+2,c.lastIndex=t;(n=c.exec(this.input))&&n.index<this.state.pos;)+this.state.curLine,this.state.
lineStart=n.index+n[0].length;this.isLookahead||this.pushComment(!0,this.input.slice(t+2,r),t,this.state.pos,e,this.stat
e.curPosition())}skipLineComment(e){ const t=this.state.pos,r=this.state.curPosition();let
n=this.input.charCodeAtAt(this.state.pos+=e);if(this.state.pos<this.length)for(;!p(n)&&++this.state.pos<this.length;n
=this.input.charCodeAtAt(this.state.pos);this.isLookahead||this.pushComment(!1,this.input.slice(t+e,this.state.pos),t,thi

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s.state.pos,r,this.state.curPosition())}skipSpace(){e:for(;this.state.pos<this.length;){const
e=this.input.charCodeAt(this.state.pos);switch(e){case 32:case 160:case 9:++this.state.pos;break;case
13:10===this.input.charCodeAt(this.state.pos+1)&&++this.state.pos;case 10:case 8232:case
8233:++this.state.pos,++this.state.curLine,this.state.lineStart=this.state.pos;break;case
47:switch(this.input.charCodeAt(this.state.pos+1)){case 42:this.skipBlockComment();break;case
47:this.skipLineComment(2);break;default:break e }break;default:if(!d(e))break
e;++this.state.pos } } finishToken(e,t){ this.state.end=this.state.pos,this.state.endLoc=this.state.curPosition();const
r=this.state.type;this.state.type=e,this.state.value=t,this.isLookahead||this.updateContext(r)}readToken_numberSign(
){if(0===this.state.pos&&this.readToken_interpreter())return;const
e=this.state.pos+1,t=this.input.charCodeAt(e);if(t>=48&&t<=57)throw
this.raise(this.state.pos,y.UnexpectedDigitAfterHash);if(123===t||91===t&&this.hasPlugin(\\\\"recordAndTuple\\""))
{if(this.expectPlugin(\\\\"recordAndTuple\\""),\\\\"hash\\""!==this.getPluginOption(\\\\"recordAndTuple\\"",\\\\"syntaxT
ype\\""))throw
this.raise(this.state.pos,123===t?y.RecordExpressionHashIncorrectStartSyntaxType:y.TupleExpressionHashIncorrec
tStartSyntaxType);123===t?this.finishToken(o.braceHashL):this.finishToken(o.bracketHashL),this.state.pos+=2}e
lse this.finishOp(o.hash,1)}readToken_dot(){const
e=this.input.charCodeAt(this.state.pos+1);e>=48&&e<=57?this.readNumber(!0):46===e&&46===this.input.charC
odeAt(this.state.pos+2)?(this.state.pos+=3,this.finishToken(o.ellipsis)):(++this.state.pos,this.finishToken(o.dot))}rea
dToken_slash(){if(this.state.exprAllowed&&!this.state.inType)return++this.state.pos,void
this.readRegexp();61===this.input.charCodeAt(this.state.pos+1)?this.finishOp(o.assign,2):this.finishOp(o.slash,1)}r
eadToken_interpreter(){if(0!==this.state.pos||this.length<2)return!1;let
e=this.input.charCodeAt(this.state.pos+1);if(33===e)return!1;const
t=this.state.pos;for(this.state.pos+=1;!p(e)&&++this.state.pos<this.length;)e=this.input.charCodeAt(this.state.pos);c
onst r=this.input.slice(t+2,this.state.pos);return
this.finishToken(o.interpreterDirective,r,!0)}readToken_mult_modulo(e){let
t=42===e?o.star:o.modulo,r=1,n=this.input.charCodeAt(this.state.pos+1);const
i=this.state.exprAllowed;42===e&&42===n&&(r++,n=this.input.charCodeAt(this.state.pos+2),t=o.exponent),61!=
=n||i||(r++,t=o.assign),this.finishOp(t,r)}readToken_pipe_amp(e){const
t=this.input.charCodeAt(this.state.pos+1);if(t!==e){if(124===e){if(62===t)return void
this.finishOp(o.pipeline,2);if(this.hasPlugin(\\\\"recordAndTuple\\"")&&125===t){if(\\\\"bar\\""!==this.getPluginOpti
on(\\\\"recordAndTuple\\"",\\\\"syntaxType\\""))throw
this.raise(this.state.pos,y.RecordExpressionBarIncorrectEndSyntaxType);return void
this.finishOp(o.braceBarR,2)}if(this.hasPlugin(\\\\"recordAndTuple\\"")&&93===t){if(\\\\"bar\\""!==this.getPluginOp
tion(\\\\"recordAndTuple\\"",\\\\"syntaxType\\""))throw
this.raise(this.state.pos,y.TupleExpressionBarIncorrectEndSyntaxType);return void
this.finishOp(o.bracketBarR,2)}61!==t?this.finishOp(124===e?o.bitwiseOR:o.bitwiseAND,1):this.finishOp(o.assi
gn,2)}else
61===this.input.charCodeAt(this.state.pos+2)?this.finishOp(o.assign,3):this.finishOp(124===e?o.logicalOR:o.logic
alAND,2)}readToken_caret(){61===this.input.charCodeAt(this.state.pos+1)?this.finishOp(o.assign,2):this.finishOp
(o.bitwiseXOR,1)}readToken_plus_min(e){const t=this.input.charCodeAt(this.state.pos+1);if(t===e)return
45!==t||this.inModule||62!==this.input.charCodeAt(this.state.pos+2)||0!==this.state.lastTokEnd&&!this.hasPrecedin
gLineBreak()?void this.finishOp(o.incDec,2):(this.skipLineComment(3),this.skipSpace(),void
this.nextToken());61===t?this.finishOp(o.assign,2):this.finishOp(o.plusMin,1)}readToken_lt_gt(e){const
t=this.input.charCodeAt(this.state.pos+1);let r=1;return
t===e?(r=62===e&&62===this.input.charCodeAt(this.state.pos+2)?3:2,61===this.input.charCodeAt(this.state.pos+
r)?void this.finishOp(o.assign,r+1):void
this.finishOp(o.bitShift,r):33!==t||60!==e||this.inModule||45!==this.input.charCodeAt(this.state.pos+2)||45!==this.in
put.charCodeAt(this.state.pos+3)?(61===t&&(r=2),void

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this.finishOp(o.relational,r):(this.skipLineComment(4),this.skipSpace(),void
this.nextToken())}readToken_eq_excl(e){const t=this.input.charCodeAt(this.state.pos+1);if(61!==t)return
61===e&&62===t?(this.state.pos+=2,void this.finishToken(o.arrow)):void
this.finishOp(61===e?o.eq:o.bang,1);this.finishOp(o.equality,61===this.input.charCodeAt(this.state.pos+2)?3:2)}re
adToken_question(){const
e=this.input.charCodeAt(this.state.pos+1),t=this.input.charCodeAt(this.state.pos+2);63===e?61===t?this.finishOp(
o.assign,3):this.finishOp(o.nullishCoalescing,2):46!==e||t>=48&&t<=57?(++this.state.pos,this.finishToken(o.questi
on)):(this.state.pos+=2,this.finishToken(o.questionDot))}getTokenFromCode(e){switch(e){case 46:return void
this.readToken_dot();case 40:return++this.state.pos,void this.finishToken(o.parenL);case
41:return++this.state.pos,void this.finishToken(o.parenR);case 59:return++this.state.pos,void
this.finishToken(o.semi);case 44:return++this.state.pos,void this.finishToken(o.comma);case
91:if(this.hasPlugin(("\\recordAndTuple\\")&&124===this.input.charCodeAt(this.state.pos+1)){if(\\bar\\)!==this.
getPluginOption(("\\recordAndTuple\\",\\"syntaxType\\"))throw
this.raise(this.state.pos,y.TupleExpressionBarIncorrectStartSyntaxType);this.finishToken(o.bracketBarL),this.state.p
os+=2}else++this.state.pos,this.finishToken(o.bracketL);return;case 93:return++this.state.pos,void
this.finishToken(o.bracketR);case
123:if(this.hasPlugin(("\\recordAndTuple\\")&&124===this.input.charCodeAt(this.state.pos+1)){if(\\bar\\)!==thi
s.getPluginOption(("\\recordAndTuple\\",\\"syntaxType\\"))throw
this.raise(this.state.pos,y.RecordExpressionBarIncorrectStartSyntaxType);this.finishToken(o.braceBarL),this.state.p
os+=2}else++this.state.pos,this.finishToken(o.braceL);return;case 125:return++this.state.pos,void
this.finishToken(o.braceR);case 58:return
void(this.hasPlugin(("\\functionBind\\")&&58===this.input.charCodeAt(this.state.pos+1)?this.finishOp(o.doubleCo
lon,2):(++this.state.pos,this.finishToken(o.colon)));case 63:return void this.readToken_question();case
96:return++this.state.pos,void this.finishToken(o.backQuote);case 48:{const
e=this.input.charCodeAt(this.state.pos+1);if(120===e||88===e)return void
this.readRadixNumber(16);if(111===e||79===e)return void this.readRadixNumber(8);if(98===e||66===e)return
void this.readRadixNumber(2)}case 49:case 50:case 51:case 52:case 53:case 54:case 55:case 56:case 57:return void
this.readNumber(!1);case 34:case 39:return void this.readString(e);case 47:return void this.readToken_slash();case
37:case 42:return void this.readToken_mult_modulo(e);case 124:case 38:return void
this.readToken_pipe_amp(e);case 94:return void this.readToken_caret();case 43:case 45:return void
this.readToken_plus_min(e);case 60:case 62:return void this.readToken_lt_gt(e);case 61:case 33:return void
this.readToken_eq_excl(e);case 126:return void this.finishOp(o.tilde,1);case 64:return++this.state.pos,void
this.finishToken(o.at);case 35:return void this.readToken_numberSign();case 92:return void
this.readWord();default:if(O(e))return void this.readWord()}throw
this.raise(this.state.pos,y.InvalidOrUnexpectedToken,String.fromCodePoint(e))}finishOp(e,t){const
r=this.input.slice(this.state.pos,this.state.pos+t);this.state.pos+=t,this.finishToken(e,r)}readRegexp(){const
e=this.state.pos;let t,r;for(;;){if(this.state.pos>=this.length)throw this.raise(e,y.UnterminatedRegExp);const
n=this.input.charAt(this.state.pos);if(l.test(n))throw
this.raise(e,y.UnterminatedRegExp);if(t)!1;else{if(\\[\\]==n)r=!0;else if(\\]\\]==n&&r)r=!1;else
if(\\^\\]==n&&!r)break;t=\\[\\]\\]\\]==n}++this.state.pos}const
n=this.input.slice(e,this.state.pos);++this.state.pos;let i=\\[\\]\\];for(;this.state.pos<this.length;){const
e=this.input[this.state.pos],t=this.input.codePointAt(this.state.pos);if(ye.has(e))i.indexOf(e)>-
1&&this.raise(this.state.pos+1,y.DuplicateRegExpFlags);else{if(!t)&&92!==t)break;this.raise(this.state.pos+1,y.
MalformedRegExpFlags)}++this.state.pos,i+=e}this.finishToken(o.regexp,{pattern:n,flags:i})}readInt(e,t,r,n=!0){c
onst i=this.state.pos,s=16===e?Te.hex:Te.decBinOct,a=16===e?be.hex:10===e?be.dec:8===e?be.oct:be.bin;let
o=!1,l=0;for(let i=0,c=null==t?1/0:t;i<c;++i){const t=this.input.charCodeAt(this.state.pos);let
c;if(95!==t){if(c>=97?t-97+10:t>=65?t-65+10:me(t)?t-
48:1/0,c>=e)if(this.options.errorRecovery&&c<=9)c=0,this.raise(this.state.start+i+2,y.InvalidDigit,e);else{if(!r)bra

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k;c=0,o=!0}++this.state.pos,l=l*e+c}else{const e=this.input.charCodeAtAt(this.state.pos-
1),t=this.input.charCodeAtAt(this.state.pos+1);(-1===a.indexOf(t)||s.indexOf(e)>-1||s.indexOf(t)>-
1||Number.isNaN(t))&&this.raise(this.state.pos,y.UnexpectedNumericSeparator),n||this.raise(this.state.pos,y.Numeri
cSeparatorInEscapeSequence),++this.state.pos}}return this.state.pos===i|null!=t&&this.state.pos-
i!=t||o?null:l}readRadixNumber(e){const t=this.state.pos;let r=!1,this.state.pos+=2;const
n=this.readInt(e);null==n&&this.raise(this.state.start+2,y.InvalidDigit,e);const
i=this.input.charCodeAtAt(this.state.pos);if(110===i)++this.state.pos,r=!0;else if(109===i)throw
this.raise(t,y.InvalidDecimal);if(O(this.input.codePointAt(this.state.pos)))throw
this.raise(this.state.pos,y.NumberIdentifier);if(r){const
e=this.input.slice(t,this.state.pos).replace(/[_n]/g,\\\\"\\\");this.finishToken(o.bigint,e)}else
this.finishToken(o.num,n)}readNumber(e){const t=this.state.pos;let
r=!1,n=!1,i=!1,s=!1,a=!1,e||null!==this.readInt(10)||this.raise(t,y.InvalidNumber);const l=this.state.pos-
t>=2&&48===this.input.charCodeAtAt(t);if(l){const
e=this.input.slice(t,this.state.pos);if(this.state.strict)this.raise(t,y.StrictOctalLiteral);else{const
r=e.indexOf(\\\\"_\\\"");r>0&&this.raise(r+t,y.ZeroDigitNumericSeparator)}a=l&&!/[89]/.test(e)}let
c=this.input.charCodeAtAt(this.state.pos);if(46===c||a||(++this.state.pos,this.readInt(10),r=!0,c=this.input.charCodeAtAt(t
his.state.pos)),69!==c&&101!==c||a||c=this.input.charCodeAtAt(++this.state.pos),43===c&&45===c||++this.state.pos,
null===this.readInt(10)&&this.raise(t,y.InvalidOrMissingExponent),r=!0,s=!0,c=this.input.charCodeAtAt(this.state.po
s)),110===c&&((r||l)&&this.raise(t,y.InvalidBigIntLiteral),++this.state.pos,n=!0),109===c&&(this.expectPlugin(\\\
decimal\\\",this.state.pos),(s||l)&&this.raise(t,y.InvalidDecimal),++this.state.pos,i=!0),O(this.input.codePointAt(this
.state.pos)))throw this.raise(this.state.pos,y.NumberIdentifier);const
p=this.input.slice(t,this.state.pos).replace(/[_mn]/g,\\\\"\\\");if(n)return void this.finishToken(o.bigint,p);if(i)return
void this.finishToken(o.decimal,p);const
u=a?parseInt(p,8):parseFloat(p);this.finishToken(o.num,u)}readCodePoint(e){let
t;if(123===this.input.charCodeAtAt(this.state.pos)){const
r=++this.state.pos;if(t=this.readHexChar(this.input.indexOf(\\\\"\\\"\\\"\\\"),this.state.pos)-
this.state.pos,!0,e),++this.state.pos,null!==t&&t>1114111){if(!e)return null;this.raise(r,y.InvalidCodePoint)}}else
t=this.readHexChar(4,!1,e);return t}readString(e){let
t=\\\\"\\\",r=++this.state.pos;for(;;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,y.UnterminatedString);const
n=this.input.charCodeAtAt(this.state.pos);if(n===e)break;if(92===n)t+=this.input.slice(r,this.state.pos),t+=this.readEs
capedChar(!1),r=this.state.pos;else
if(8232===n||8233===n)++this.state.pos,++this.state.curLine,this.state.lineStart=this.state.pos;else{if(p(n))throw
this.raise(this.state.start,y.UnterminatedString);++this.state.pos}}t+=this.input.slice(r,this.state.pos++),this.finishTo
ken(o.string,t)}readTplToken(){let e=\\\\"\\\",t=this.state.pos,r=!1;for(;;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,y.UnterminatedTemplate);const
n=this.input.charCodeAtAt(this.state.pos);if(96===n||36===n&&123===this.input.charCodeAtAt(this.state.pos+1))retur
n this.state.pos===this.state.start&&this.match(o.template)?36===n?(this.state.pos+=2,void
this.finishToken(o.dollarBraceL)):(++this.state.pos,void
this.finishToken(o.backQuote)):(e+=this.input.slice(t,this.state.pos),void
this.finishToken(o.template,r?null:e));if(92===n){e+=this.input.slice(t,this.state.pos);const
n=this.readEscapedChar(!0);null===n?r=!0:e+=n,t=this.state.pos}else
if(p(n)){switch(e+=this.input.slice(t,this.state.pos),++this.state.pos,n){case
13:10===this.input.charCodeAtAt(this.state.pos)&&++this.state.pos;case
10:e+=\\\\"\\n\\\";break;default:e+=String.fromCharCode(n)++this.state.curLine,this.state.lineStart=this.state.pos,t
=this.state.pos}else++this.state.pos}}readEscapedChar(e){const
t=!e,r=this.input.charCodeAtAt(++this.state.pos);switch(++this.state.pos,r){case 110:return\\\\"\\n\\\";case
114:return\\\\"\\r\\\";case 120:{const e=this.readHexChar(2,!1,t);return null===e?null:String.fromCharCode(e)}case

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117:{const e=this.readCodePoint(t);return null===e?null:String.fromCharCode(e)}case 116:return"\\t";case
98:return"\\b";case 118:return"\\v";case 102:return"\\f";case
13:10===this.input.charCodeAt(this.state.pos)&&this.state.pos;case
10:this.state.lineStart=this.state.pos,++this.state.curLine;case 8232:case 8233:return"\\n";case 56:case
57:if(e)return null;this.state.strict&&this.raise(this.state.pos-
1,y.StrictNumericEscape);default:if(r>=48&&r<=55){const t=this.state.pos-1;let r=this.input.substr(this.state.pos-
1,3).match(/[0-7]+/)[0],n=parseInt(r,8);n>255&&(r=r.slice(0,-1),n=parseInt(r,8)),this.state.pos+=r.length-1;const
i=this.input.charCodeAt(this.state.pos);if(\\0\\!==(r||56===i||57===i){if(e)return
null;this.state.strict?this.raise(t,y.StrictNumericEscape):this.state.octalPositions.push(t)}return
String.fromCharCode(n)}return String.fromCharCode(r)}readHexChar(e,t,r){const
n=this.state.pos,i=this.readInt(16,e,t,!1);return
null===i&&(r?this.raise(n,y.InvalidEscapeSequence):this.state.pos=n-1,i)}readWord1(){let
e="";this.state.containsEsc=!1;const t=this.state.pos;let r=this.state.pos;for(;this.state.pos<this.length;){const
n=this.input.codePointAt(this.state.pos);if(I(n))this.state.pos+=n<=65535?1:2;else
if(this.state.isIterator&&64===n)++this.state.pos;else{if(92===n)break;{this.state.containsEsc=!0,e+=this.input.slic
e(r,this.state.pos);const
n=this.state.pos,i=this.state.pos===t?O:I;if(117!==this.input.charCodeAt(++this.state.pos)){this.raise(this.state.pos,
y.MissingUnicodeEscape);continue}++this.state.pos;const
s=this.readCodePoint(!0);null!==s&&(i(s)||this.raise(n,y.EscapedCharNotAnIdentifier),e+=String.fromCharCode(s)
),r=this.state.pos}}return
e+this.input.slice(r,this.state.pos)}isIterator(e){return"@ @iterator"===e||"@ @asyncIterator"===e}readWor
d(){const
e=this.readWord1(),t=i.get(e)||o.name;!this.state.isIterator||this.isIterator(e)&&this.state.inType||this.raise(this.state.p
os,y.InvalidIdentifier,e),this.finishToken(t,e)}checkKeywordEscapes(){const
e=this.state.type.keyword;e&&this.state.containsEsc&&this.raise(this.state.start,y.InvalidEscapedReservedWord,e)}
braceIsBlock(e){const t=this.curContext();return
t===g.functionExpression||t===g.functionStatement||(e===o.colon||t===g.braceStatement&&t===g.braceExpression?
e===o._return||e===o.name&&this.state.exprAllowed?this.hasPrecedingLineBreak():e===o._else||e===o.semi||e===
o.eof||e===o.parenR||e===o.arrow||(e===o.braceL?t===g.braceStatement:e===o._var&&e===o._const&&e===o.na
me&&(e===o.relational?!this.state.exprAllowed)):t.isExpr)}updateContext(e){const t=this.state.type;let
r;!t.keyword||e===o.dot&&e===o.questionDot?(r=t.updateContext)?r.call(this,e):this.state.exprAllowed=t.beforeExp
r:this.state.exprAllowed=!1}}addExtra(e,t,r){if(!e)return;(e.extra=e.extra||{})[t]=r}isRelational(e){return
this.match(o.relational)&&this.state.value===e}expectRelational(e){this.isRelational(e)?this.next():this.unexpected(
null,o.relational)}isContextual(e){return
this.match(o.name)&&this.state.value===e&&!this.state.containsEsc}isUnparsedContextual(e,t){const
r=e+t.length;return
this.input.slice(e,r)===t&&(r===this.input.length?!I(this.input.charCodeAt(r))}isLookaheadContextual(e){const
t=this.nextTokenStart();return this.isUnparsedContextual(t,e)}eatContextual(e){return
this.isContextual(e)&&this.eat(o.name)}expectContextual(e,t){this.eatContextual(e)||this.unexpected(null,t)}canInse
rtSemicolon(){return
this.match(o.eof)||this.match(o.braceR)||this.hasPrecedingLineBreak()}hasPrecedingLineBreak(){return
l.test(this.input.slice(this.state.lastTokEnd,this.state.start))}isLineTerminator(){return
this.eat(o.semi)||this.canInsertSemicolon()}semicolon(){this.isLineTerminator()||this.unexpected(null,o.semi)}expec
t(e,t){this.eat(e)||this.unexpected(t,e)}assertNoSpace(e="Unexpected
space.\\")}{this.state.start>this.state.lastTokEnd&&this.raise(this.state.lastTokEnd,e)}unexpected(e,t="Unexpected
token\\")}{throw"string"!=typeof t&&(t=`Unexpected token, expected
\\"${t.label}"`,this.raise(null!=e?e:this.state.start,t)}expectPlugin(e,t){if(!this.hasPlugin(e))throw
this.raiseWithData(null!=t?t:this.state.start,{missingPlugin:[e]},`This experimental syntax requires enabling the

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parser plugin: "${e}");return!0}expectOnePlugin(e,t){if(!e.some(e=>this.hasPlugin(e)))throw
this.raiseWithData(null!=t?t:this.state.start,{missingPlugin:e},`This experimental syntax requires enabling one of the
following parser plugin(s): "${e.join("\\", "\\")}"`)tryParse(e,t=this.state.clone()){const r={node:null};try{const
n=e((e=null)=>{throw r.node=e,r});if(this.state.errors.length>t.errors.length){const e=this.state;return
this.state=t,{node:n,error:e.errors[t.errors.length],thrown:!1,aborted:!1,failState:e}}return{node:n,error:null,thrown:
!1,aborted:!1,failState:null}}catch(e){const n=this.state;if(this.state=t,e instanceof
SyntaxError)return{node:null,error:e,thrown:!0,aborted:!1,failState:n};if(e===r)return{node:r.node,error:null,throw
n:!1,aborted:!0,failState:n};throw
e}}checkExpressionErrors(e,t){if(!e)return!1;const{shorthandAssign:r,doubleProto:n}=e;if(!t)return
r>=0||n>=0;r>=0&&this.unexpected(r),n>=0&&this.raise(n,y.DuplicateProto)}isLiteralPropertyName(){return
this.match(o.name)||!this.state.type.keyword||this.match(o.string)||this.match(o.num)||this.match(o.bigint)||this.mat
h(o.decimal)}}{startNode(){return new xe(this,this.state.start,this.state.startLoc)}startNodeAt(e,t){return new
xe(this,e,t)}startNodeAtNode(e){return this.startNodeAt(e.start,e.loc.start)}finishNode(e,t){return
this.finishNodeAt(e,t,this.state.lastTokEnd,this.state.lastTokEndLoc)}finishNodeAt(e,t,r,n){return
e.type=t,e.end=r,e.loc.end=n,this.options.ranges&&(e.range[1]=r),this.processComment(e,e)resetStartLocation(e,t,
r){e.start=t,e.loc.start=r,this.options.ranges&&(e.range[0]=t)}resetEndLocation(e,t=this.state.lastTokEnd,r=this.stat
e.lastTokEndLoc){e.end=t,e.loc.end=r,this.options.ranges&&(e.range[1]=t)}resetStartLocationFromNode(e,t){this.r
esetStartLocation(e,t.start,t.loc.start)}}toAssignable(e){var t,r;let n=void
0;switch(("\\\"ParenthesizedExpression\\\"===e.type||(null==(t=e.extra)?void
0:t.parenthesized))&&(n=Ee(e),\\"Identifier\\\"!==n.type&&\\\"MemberExpression\\\"!==n.type&&this.raise(e.start
,y.InvalidParenthesizedAssignment)),e.type){case\\"Identifier\\\":case\\"ObjectPattern\\\":case\\"ArrayPattern\\\":c
ase\\"AssignmentPattern\\\":break;case\\"ObjectExpression\\\":e.type=\\"ObjectPattern\\\";for(let
t=0,r=e.properties.length,n=r-1;t<r;t++){var i;const
r=e.properties[t],s=t===n;this.toAssignableObjectExpressionProp(r,s,s&&\\\"RestElement\\\"===r.type&&(null==(
i=e.extra)?void
0:i.trailingComma))&&this.raiseRestNotLast(e.extra.trailingComma)}break;case\\"ObjectProperty\\\":this.toAssigna
ble(e.value);break;case\\"SpreadElement\\\":{this.checkToRestConversion(e),e.type=\\"RestElement\\\";const
t=e.argument;this.toAssignable(t);break}case\\"ArrayExpression\\\":e.type=\\"ArrayPattern\\\",this.toAssignableLis
t(e.elements,null==(r=e.extra)?void
0:r.trailingComma);break;case\\"AssignmentExpression\\\":\\\"=\\\"!==e.operator&&this.raise(e.left.end,y.MissingE
qInAssignment),e.type=\\"AssignmentPattern\\\",delete
e.operator,this.toAssignable(e.left);break;case\\"ParenthesizedExpression\\\":this.toAssignable(n)}return
e}toAssignableObjectExpressionProp(e,t){if(\\\"ObjectMethod\\\"===e.type){const
t=\\\"get\\\"===e.kind?\\\"set\\\"===e.kind?y.PatternHasAccessor:y.PatternHasMethod;this.raise(e.key.start,t)}else\\
\\\"SpreadElement\\\"!==e.type|t?this.toAssignable(e):this.raiseRestNotLast(e.start)}toAssignableList(e,t){let
r=e.length;if(r){const n=e[r-1];if(\\\"RestElement\\\"===n?(null==n?void 0:n.type)--r;else
if(\\\"SpreadElement\\\"===n?(null==n?void 0:n.type)){n.type=\\\"RestElement\\\";const
e=n.argument;this.toAssignable(e),\\"Identifier\\\"!==e.type&&\\\"MemberExpression\\\"!==e.type&&\\\"ArrayPatt
ern\\\"!==e.type&&\\\"ObjectPattern\\\"!==e.type&&this.unexpected(e.start),t&&this.raiseTrailingCommaAfterRest
(t)--r}}for(let t=0;t<r;t++){const
r=e[t];r&&(this.toAssignable(r),\\\"RestElement\\\"===r.type&&this.raiseRestNotLast(r.start))}return
e}toReferencedList(e,t){return e}toReferencedListDeep(e,t){this.toReferencedList(e,t);for(let
t=0;t<e.length;t++){const r=e[t];\\\"ArrayExpression\\\"===r?(null==r?void
0:r.type)&&this.toReferencedListDeep(r.elements)}}parseSpread(e,t){const r=this.startNode();return
this.next(),r.argument=this.parseMaybeAssignAllowIn(e,void
0,t),this.finishNode(r,\\\"SpreadElement\\\")}parseRestBinding(){const e=this.startNode();return
this.next(),e.argument=this.parseBindingAtom(),this.finishNode(e,\\\"RestElement\\\")}parseBindingAtom(){switch
(this.state.type){case o.bracketL:{const e=this.startNode();return

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this.next(),e.elements=this.parseBindingList(o.bracketR,93,!0),this.finishNode(e,\\\\"ArrayPattern\\\\"))case
o.braceL:return this.parseObjectLike(o.braceR,!0)}return this.parseIdentifier()}parseBindingList(e,t,r,n){const
i=[];let
s=!0;for(;!this.eat(e);)if(s?s=!1:this.expect(o.comma),r&&this.match(o.comma))i.push(null);else{if(this.eat(e))break
;if(this.match(o.ellipsis)){i.push(this.parseAssignableListItemTypes(this.parseRestBinding()),this.checkCommaAft
erRest(t),this.expect(e));break}{const
e=[];for(this.match(o.at)&&this.hasPlugin(\\\\"decorators\\\\"))&&this.raise(this.state.start,y.UnsupportedParameterDe
corator);this.match(o.at);)e.push(this.parseDecorator());i.push(this.parseAssignableListItem(n,e))}return
i}parseAssignableListItem(e,t){const r=this.parseMaybeDefault();this.parseAssignableListItemTypes(r);const
n=this.parseMaybeDefault(r.start,r.loc.start,r);return
t.length&&(r.decorators=t),n}parseAssignableListItemTypes(e){return e}parseMaybeDefault(e,t,r){var
n,i,s;if(t=null!=(n=t)?n:this.state.startLoc,e=null!=(i=e)?i:this.state.start,r=null!=(s=r)?s:this.parseBindingAtom(),!th
is.eat(o.eq))return r;const a=this.startNodeAt(e,t);return
a.left=r,a.right=this.parseMaybeAssignAllowIn(),this.finishNode(a,\\\\"AssignmentPattern\\\\"))checkLVal(e,t=64,r,n
,i,s=!1){switch(e.type){case\\\\"Identifier\\\\":if(this.state.strict&&(s?F(e.name,this.inModule):j(e.name))&&this.raise
(e.start,64===t?y.StrictEvalArguments:y.StrictEvalArgumentsBinding,e.name),r){const
t=\\\\"_\\\\"+e.name;r[t]?this.raise(e.start,y.ParamDupe):r[t]=!0}i&&\\\\"let\\\\"===e.name&&this.raise(e.start,y.LetInL
exicalBinding),64&t||this.scope.declareName(e.name,t,e.start);break;case\\\\"MemberExpression\\\\":64!==t&&this.ra
ise(e.start,y.InvalidPropertyBindingPattern);break;case\\\\"ObjectPattern\\\\":for(let
n=0,s=e.properties;n<s.length;n++){let e=s[n];if(\\\\"ObjectProperty\\\\"===e.type)e=e.value;else
if(\\\\"ObjectMethod\\\\"===e.type)continue;this.checkLVal(e,t,r,\\\\"object destructuring
pattern\\\\",i)}break;case\\\\"ArrayPattern\\\\":for(let n=0,s=e.elements;n<s.length;n++){const
e=s[n];e&&this.checkLVal(e,t,r,\\\\"array destructuring
pattern\\\\",i)}break;case\\\\"AssignmentPattern\\\\":this.checkLVal(e.left,t,r,\\\\"assignment
pattern\\\\"");break;case\\\\"RestElement\\\\":this.checkLVal(e.argument,t,r,\\\\"rest
element\\\\"");break;case\\\\"ParenthesizedExpression\\\\":this.checkLVal(e.expression,t,r,\\\\"parenthesized
expression\\\\"");break;default:this.raise(e.start,64===t?y.InvalidLhs:y.InvalidLhsBinding,n)}checkToRestConversio
n(e){\\\\"Identifier\\\\"!==e.argument.type&&\\\\"MemberExpression\\\\"!==e.argument.type&&this.raise(e.argument.s
tart,y.InvalidRestAssignmentPattern)}checkCommaAfterRest(e){this.match(o.comma)&&(this.lookaheadCharCode
()===e?this.raiseTrailingCommaAfterRest(this.state.start):this.raiseRestNotLast(this.state.start))}raiseRestNotLast(e
){throw
this.raise(e,y.ElementAfterRest)}raiseTrailingCommaAfterRest(e){this.raise(e,y.RestTrailingComma)}}{checkProt
o(e,t,r,n){if(\\\\"SpreadElement\\\\"===e.type||\\\\"ObjectMethod\\\\"===e.type||e.computed||e.shorthand)return;const
i=e.key;if(\\\\"__proto__\\\\"===(\\\\"Identifier\\\\"===i.type?i.name:i.value)){if(t)return void
this.raise(i.start,y.RecordNoProto);r.used&&(n?-
1===n.doubleProto&&(n.doubleProto=i.start):this.raise(i.start,y.DuplicateProto)),r.used=!0}}shouldExitDescending
(e,t){return\\\\"ArrowFunctionExpression\\\\"===e.type&&e.start===t}getExpression(){let
e=0;this.hasPlugin(\\\\"topLevelAwait\\\\"))&&this.inModule&&(e|=2),this.scope.enter(1),this.prodParam.enter(e),this
.nextToken();const t=this.parseExpression();return
this.match(o.eof)||this.unexpected(),t.comments=this.state.comments,t.errors=this.state.errors,t}parseExpression(e,t)
{return
e?this.disallowInAnd(=>this.parseExpressionBase(t)):this.allowInAnd(=>this.parseExpressionBase(t))}parseExp
ressionBase(e){const
t=this.state.start,r=this.state.startLoc,n=this.parseMaybeAssign(e);if(this.match(o.comma)){const
i=this.startNodeAt(t,r);for(i.expressions=[n];this.eat(o.comma);)i.expressions.push(this.parseMaybeAssign(e));retur
n this.toReferencedList(i.expressions),this.finishNode(i,\\\\"SequenceExpression\\\\"))return
n}parseMaybeAssignDisallowIn(e,t,r){return
this.disallowInAnd(=>this.parseMaybeAssign(e,t,r))}parseMaybeAssignAllowIn(e,t,r){return

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this.allowInAnd(=>this.parseMaybeAssign(e,t,r))parseMaybeAssign(e,t,r){const
n=this.state.start,i=this.state.startLoc;if(this.isContextual(\\\\"yield\\\\"))&&this.prodParam.hasYield){this.state.exprAl
lowed=!0;let e=this.parseYield();return t&&(e=t.call(this,e,n,i),e)}let s;e?s=!1:(e=new
Se,s=!0),(this.match(o.parenL)||this.match(o.name))&&(this.state.potentialArrowAt=this.state.start);let
a=this.parseMaybeConditional(e,r);if(t&&(a=t.call(this,a,n,i)),this.state.type.isAssign){const
t=this.startNodeAt(n,i),r=this.state.value;return
t.operator=r,this.match(o.eq)?(t.left=this.toAssignable(a),e.doubleProto=-
1):t.left=a,e.shorthandAssign>=t.left.start&&(e.shorthandAssign=-1),this.checkLVal(a,void 0,void 0,\\\\"assignment
expression\\\\"),this.next(),t.right=this.parseMaybeAssign(),this.finishNode(t,\\\\"AssignmentExpression\\\\")}return
s&&this.checkExpressionErrors(e,!0),a}parseMaybeConditional(e,t){const
r=this.state.start,n=this.state.startLoc,i=this.state.potentialArrowAt,s=this.parseExprOps(e);return
this.shouldExitDescending(s,i)?s:this.parseConditional(s,r,n,t)}parseConditional(e,t,r,n){if(this.eat(o.question)){con
st n=this.startNodeAt(t,r);return
n.test=e,n.consequent=this.parseMaybeAssignAllowIn(),this.expect(o.colon),n.alternate=this.parseMaybeAssign(),t
his.finishNode(n,\\\\"ConditionalExpression\\\\")}return e}parseExprOps(e){const
t=this.state.start,r=this.state.startLoc,n=this.state.potentialArrowAt,i=this.parseMaybeUnary(e);return
this.shouldExitDescending(i,n)?i:this.parseExprOp(i,t,r,-1)}parseExprOp(e,t,r,n){let
i=this.state.type.binop;if(null!=i&&(this.prodParam.hasIn||!this.match(o._in))&&i>n){const
s=this.state.type;if(s===o.pipeline){if(this.expectPlugin(\\\\"pipelineOperator\\\\"),this.state.inFSharpPipelineDirectB
ody)return e;this.state.inPipeline=!0,this.checkPipelineAtInfixOperator(e,t)}const
a=this.startNodeAt(t,r);a.left=e,a.operator=this.state.value,s!===o.exponent||\\\\"UnaryExpression\\\\"!===e.type||this.o
ptions.createParenthesizedExpressions&&e.extra&&e.extra.parenthesized||this.raise(e.argument.start,y.Unexpected
TokenUnaryExponentiation);const
l=s===o.logicalOR||s===o.logicalAND,c=s===o.nullishCoalescing;if(c&&(i=o.logicalAND.binop),this.next(),s===
o.pipeline&&\\\\"minimal\\\\"===this.getPluginOption(\\\\"pipelineOperator\\\\"),\\\\"proposal\\\\"))&&this.match(o.name)
&&\\\\"await\\\\"===this.state.value&&this.prodParam.hasAwait)throw
this.raise(this.state.start,y.UnexpectedAwaitAfterPipelineBody);a.right=this.parseExprOpRightExpr(s,i),this.finishN
ode(a,l|c?\\\\"LogicalExpression\\\\":\\\\"BinaryExpression\\\\");const
p=this.state.type;if(c&&(p===o.logicalOR||p===o.logicalAND)||l&&p===o.nullishCoalescing)throw
this.raise(this.state.start,y.MixingCoalesceWithLogical);return this.parseExprOp(a,t,r,n)}return
e}parseExprOpRightExpr(e,t){const r=this.state.start,n=this.state.startLoc;switch(e){case
o.pipeline:switch(this.getPluginOption(\\\\"pipelineOperator\\\\"),\\\\"proposal\\\\")){case\\\\"smart\\\\":return
this.withTopicPermittingContext(=>this.parseSmartPipelineBody(this.parseExprOpBaseRightExpr(e,t),r,n));case\\
\\fsharp\\\\":return this.withSoloAwaitPermittingContext(=>this.parseFSharpPipelineBody(t))}default:return
this.parseExprOpBaseRightExpr(e,t)}parseExprOpBaseRightExpr(e,t){const
r=this.state.start,n=this.state.startLoc;return this.parseExprOp(this.parseMaybeUnary(),r,n,e.rightAssociative?t-
1:t)}parseMaybeUnary(e){if(this.isContextual(\\\\"await\\\\"))&&this.isAwaitAllowed()return this.parseAwait();const
t=this.match(o.incDec),r=this.startNode();if(this.state.type.prefix){r.operator=this.state.value,r.prefix=!0,this.match(
o._throw)&&this.expectPlugin(\\\\"throwExpressions\\\\");const
n=this.match(o._delete);if(this.next(),r.argument=this.parseMaybeUnary(),this.checkExpressionErrors(e,!0),this.stat
e.strict&&n){const
e=r.argument;\\\\"Identifier\\\\"===e.type?this.raise(r.start,y.StrictDelete):\\\\"MemberExpression\\\\"!===e.type&&\\\\"O
ptionalMemberExpression\\\\"!===e.type||\\\\"PrivateName\\\\"!===e.property.type||this.raise(r.start,y.DeletePrivateField
)}if(!t)return this.finishNode(r,\\\\"UnaryExpression\\\\")}return this.parseUpdate(r,t,e)}parseUpdate(e,t,r){if(t)return
this.checkLVal(e.argument,void 0,void 0,\\\\"prefix operation\\\\"),this.finishNode(e,\\\\"UpdateExpression\\\\");const
n=this.state.start,i=this.state.startLoc;let s=this.parseExprSubscripts(r);if(this.checkExpressionErrors(r,1))return
s;for(;this.state.type.postfix&&!this.canInsertSemicolon());{const
e=this.startNodeAt(n,i);e.operator=this.state.value,e.prefix=!1,e.argument=s,this.checkLVal(s,void 0,void

```

```

0,\\\\"postfix operation\\\\"),this.next(),s=this.finishNode(e,\\\\"UpdateExpression\\\\"})return
s}parseExprSubscripts(e){const
t=this.state.start,r=this.state.startLoc,n=this.state.potentialArrowAt,i=this.parseExprAtom(e);return
this.shouldExitDescending(i,n)?i:this.parseSubscripts(i,t,r)}parseSubscripts(e,t,r,n){const
i={optionalChainMember:!1,maybeAsyncArrow:this.atPossibleAsyncArrow(e),stop:!1};do{e=this.parseSubscript(e,
t,r,n,i),i.maybeAsyncArrow=!1}while(!i.stop);return
e}parseSubscript(e,t,r,n,i){if(!n&&this.eat(o.doubleColon))return
this.parseBind(e,t,r,n,i);if(this.match(o.backQuote))return this.parseTaggedTemplateExpression(e,t,r,i);let
s=!1;if(this.match(o.questionDot)){if(i.optionalChainMember=s=!0,n&&40===this.lookaheadCharCode())return
i.stop=!0,e;this.next()}return!n&&this.match(o.parenL)?this.parseCoverCallAndAsyncArrowHead(e,t,r,i,s):s||this.m
atch(o.bracketL)||this.eat(o.dot)?this.parseMember(e,t,r,i,s):(i.stop=!0,e)}parseMember(e,t,r,n,i){const
s=this.startNodeAt(t,r),a=this.eat(o.bracketL);s.object=e,s.computed=a;const
l=a?this.parseExpression():this.parseMaybePrivateName(!0);return\\\\"PrivateName\\\\"===l.type&&(\\\\"Super\\\\"===
s.object.type&&this.raise(t,y.SuperPrivateField),this.classScope.usePrivateName(l.id.name,l.start)),s.property=l,a
&&this.expect(o.bracketR),n.optionalChainMember?(s.optional=i,this.finishNode(s,\\\\"OptionalMemberExpression\\
\\\\")):this.finishNode(s,\\\\"MemberExpression\\\\"))}parseBind(e,t,r,n,i){const s=this.startNodeAt(t,r);return
s.object=e,s.callee=this.parseNoCallExpr(),i.stop=!0,this.parseSubscripts(this.finishNode(s,\\\\"BindExpression\\\\")),t,
r,n)}parseCoverCallAndAsyncArrowHead(e,t,r,n,i){const
s=this.state.maybeInArrowParameters;this.state.maybeInArrowParameters=!0,this.next();let
a=this.startNodeAt(t,r);return a.callee=e,n.maybeAsyncArrow&&this.expressionScope.enter(new
ve(2)),n.optionalChainMember&&(a.optional=i),a.arguments=i?this.parseCallExpressionArguments(o.parenR,!1):th
is.parseCallExpressionArguments(o.parenR,n.maybeAsyncArrow,\\\\"Import\\\\"===e.type,\\\\"Super\\\\"!==e.type,a),t
his.finishCallExpression(a,n.optionalChainMember),n.maybeAsyncArrow&&this.shouldParseAsyncArrow()&&!?(
n.stop=!0,this.expressionScope.validateAsPattern(),this.expressionScope.exit(),a=this.parseAsyncArrowFromCallEx
pression(this.startNodeAt(t,r),a):(n.maybeAsyncArrow&&this.expressionScope.exit(),this.toReferencedArguments(
a)),this.state.maybeInArrowParameters=s,a)toReferencedArguments(e,t){this.toReferencedListDeep(e.arguments,t)
}parseTaggedTemplateExpression(e,t,r,n){const i=this.startNodeAt(t,r);return
i.tag=e,i.quasi=this.parseTemplate(!0),n.optionalChainMember&&this.raise(t,y.OptionalChainingNoTemplate),this.
finishNode(i,\\\\"TaggedTemplateExpression\\\\"))atPossibleAsyncArrow(e){return\\\\"Identifier\\\\"===e.type&&(\\\\"a
sync\\\\"===e.name&&this.state.lastTokEnd===e.end&&!this.canInsertSemicolon()&&e.end-
e.start===5&&e.start===this.state.potentialArrowAt)}finishCallExpression(e,t){if(\\\\"Import\\\\"===e.callee.type)if(2=
===e.arguments.length&&(this.hasPlugin(\\\\"moduleAttributes\\\\"))||this.expectPlugin(\\\\"importAssertions\\\\")),0===
e.arguments.length|e.arguments.length>2)this.raise(e.start,y.ImportCallAriy,this.hasPlugin(\\\\"importAssertions\\\\"))
||this.hasPlugin(\\\\"moduleAttributes\\\\")?\\\\"one or two arguments\\\\":\\\\"one argument\\\\";else for(let
t=0,r=e.arguments;t<r.length;t++){const
e=r[t];\\\\"SpreadElement\\\\"===e.type&&this.raise(e.start,y.ImportCallSpreadArgument)}return
this.finishNode(e,t?\\\\"OptionalCallExpression\\\\":\\\\"CallExpression\\\\"))}parseCallExpressionArguments(e,t,r,n,i){c
onst s=[];let a,l=!0;const
c=this.state.inFSharpPipelineDirectBody;for(this.state.inFSharpPipelineDirectBody=!1;!this.eat(e);){if(l)l=!1;else
if(this.expect(o.comma),this.match(e)){!r||this.hasPlugin(\\\\"importAssertions\\\\"))||this.hasPlugin(\\\\"moduleAttribu
es\\\\"))||this.raise(this.state.lastTokStart,y.ImportCallArgumentTrailingComma),i&&this.addExtra(i,\\\\"trailingComm
a\\\\"),this.state.lastTokStart),this.next();break}this.match(o.parenL)&&!a&&(a=this.state.start),s.push(this.parseExpr
ListItem(!1,t?new Se:void 0,t?{start:0}:void 0,n))}return
t&&a&&this.shouldParseAsyncArrow()&&this.unexpected(),this.state.inFSharpPipelineDirectBody=c,s}shouldPar
seAsyncArrow(){return
this.match(o.arrow)&&!this.canInsertSemicolon()}parseAsyncArrowFromCallExpression(e,t){var r;return
this.expect(o.arrow),this.parseArrowExpression(e,t.arguments,!0,null==(r=t.extra)?void
0:r.trailingComma),e}parseNoCallExpr(){const e=this.state.start,t=this.state.startLoc;return

```



```

this.parseSubscripts(this.parseExprAtom(),e,t,!0)}parseExprAtom(e){this.state.type===o.slash&&this.readRegexp()
;const t=this.state.potentialArrowAt===this.state.start;let r;switch(this.state.type){case o._super:return
this.parseSuper();case o._import:return
r=this.startNode(),this.next(),this.match(o.dot)?this.parseImportMetaProperty(r):(this.match(o.parenL)||this.raise(this
.state.lastTokStart,y.UnsupportedImport),this.finishNode(r,\\\"Import\\\"));case o._this:return
r=this.startNode(),this.next(),this.finishNode(r,\\\"ThisExpression\\\"");case o.name:{const
e=this.state.containsEsc,r=this.parseIdentifier();if(!e&&\\\"async\\\"===r.name&&!this.canInsertSemicolon()){if(thi
s.match(o._function)){const e=this.state.context.length-1;if(this.state.context[e]!==g.functionStatement)throw new
Error(\\\"Internal error\\\"");return
this.state.context[e]=g.functionExpression,this.next(),this.parseFunction(this.startNodeAtNode(r),void
0,!0)}if(this.match(o.name))return this.parseAsyncArrowUnaryFunction(r)}return
t&&this.match(o.arrow)&&!this.canInsertSemicolon()?(this.next(),this.parseArrowExpression(this.startNodeAtNod
e(r),[r,!1]):r}case o._do:return this.parseDo();case o.regexp:{const e=this.state.value;return
r=this.parseLiteral(e.value,\\\"RegExpLiteral\\\"),r.pattern=e.pattern,r.flags=e.flags,r}case o.num:return
this.parseLiteral(this.state.value,\\\"NumericLiteral\\\"");case o.bigint:return
this.parseLiteral(this.state.value,\\\"BigIntLiteral\\\"");case o.decimal:return
this.parseLiteral(this.state.value,\\\"DecimalLiteral\\\"");case o.string:return
this.parseLiteral(this.state.value,\\\"StringLiteral\\\"");case o._null:return
r=this.startNode(),this.next(),this.finishNode(r,\\\"NullLiteral\\\"");case o._true:case o._false:return
this.parseBooleanLiteral();case o.parenL:return this.parseParenAndDistinguishExpression(t);case
o.bracketBarL:case o.bracketHashL:return
this.parseArrayLike(this.state.type===o.bracketBarL?o.bracketBarR:!o.bracketR,!1,!0,e);case o.bracketL:return
this.parseArrayLike(o.bracketR,!0,!1,e);case o.braceBarL:case o.braceHashL:return
this.parseObjectLike(this.state.type===o.braceBarL?o.braceBarR:o.braceR,!1,!0,e);case o.braceL:return
this.parseObjectLike(o.braceR,!1,!1,e);case o._function:return this.parseFunctionOrFunctionSent();case
o.at:this.parseDecorators();case o._class:return r=this.startNode(),this.takeDecorators(r),this.parseClass(r,!1);case
o._new:return this.parseNewOrNewTarget();case o.backQuote:return this.parseTemplate(!1);case
o.doubleColon:{r=this.startNode(),this.next(),r.object=null;const
e=r.callee=this.parseNoCallExpr();if(\\\"MemberExpression\\\"===e.type)return
this.finishNode(r,\\\"BindExpression\\\"");throw this.raise(e.start,y.UnsupportedBind)}case
o.hash:{if(this.state.inPipeline)return
r=this.startNode(),\\\"smart\\\"!==this.getPluginOption(\\\"pipelineOperator\\\",\\\"proposal\\\")&&this.raise(r.start,y.
PrimaryTopicRequiresSmartPipeline),this.next(),this.primaryTopicReferenceIsAllowedInCurrentTopicContext()||thi
s.raise(r.start,y.PrimaryTopicNotAllowed),this.registerTopicReference(),this.finishNode(r,\\\"PipelinePrimaryTopic
Reference\\\"");const e=this.input.codePointAt(this.state.end);if(O(e)||92===e){const
e=this.state.start;if(r=this.parseMaybePrivateName(!0),this.match(o._in))this.expectPlugin(\\\"privateIn\\\"),this.clas
sScope.usePrivateName(r.id.name,r.start);else{if(!this.hasPlugin(\\\"privateIn\\\"))throw
this.unexpected(e);this.raise(this.state.start,y.PrivateInExpectedIn,r.id.name)}return r}}case
o.relational:if(\\\"<\\\"===this.state.value){const
e=this.input.codePointAt(this.nextTokenStart());(O(e)||62===e)&&this.expectOnePlugin([\\\"jsx\\\",\\\"flow\\\",\\\"t
ypescript\\\"])}default:throw this.unexpected()} }parseAsyncArrowUnaryFunction(e){const
t=this.startNodeAtNode(e);this.prodParam.enter(ne(!0,this.prodParam.hasYield));const
r=[this.parseIdentifier()];return
this.prodParam.exit(),this.hasPrecedingLineBreak()&&this.raise(this.state.pos,y.LineTerminatorBeforeArrow),this.e
xpect(o.arrow),this.parseArrowExpression(t,r,!0,t)}parseDo(){this.expectPlugin(\\\"doExpressions\\\");const
e=this.startNode();this.next();const t=this.state.labels;return
this.state.labels=[],e.body=this.parseBlock(),this.state.labels=t,this.finishNode(e,\\\"DoExpression\\\")}parseSuper()
{const e=this.startNode();return

```

```

this.next(),!this.match(o.parenL)||this.scope.allowDirectSuper||this.options.allowSuperOutsideMethod?this.scope.all
owSuper||this.options.allowSuperOutsideMethod||this.raise(e.start,y.UnexpectedSuper):this.raise(e.start,y.SuperNot
Allowed),this.match(o.parenL)||this.match(o.bracketL)||this.match(o.dot)||this.raise(e.start,y.UnsupportedSuper),this.
finishNode(e,\\\"Super\\\")}parseBooleanLiteral(){const e=this.startNode();return
e.value=this.match(o._true),this.next(),this.finishNode(e,\\\"BooleanLiteral\\\")}parseMaybePrivateName(e){if(this.
match(o.hash)){this.expectOnePlugin([\\\"classPrivateProperties\\\",\\\"classPrivateMethods\\\"],e)||this.raise(this.sta
te.pos,y.UnexpectedPrivateField);const t=this.startNode();return this.next(),this.assertNoSpace(\\\"Unexpected space
between # and identifier\\\"),t.id=this.parseIdentifier(!0),this.finishNode(t,\\\"PrivateName\\\")}return
this.parseIdentifier(!0)}parseFunctionOrFunctionSent(){const
e=this.startNode();if(this.next(),this.prodParam.hasYield&&this.match(o.dot)){const
t=this.createIdentifier(this.startNodeAtNode(e),\\\"function\\\");return
this.next(),this.parseMetaProperty(e,t,\\\"sent\\\")}return
this.parseFunction(e)}parseMetaProperty(e,t,r){e.meta=t,\\\"function\\\"===t.name&&\\\"sent\\\"===r&&(this.isCon
textual(r)?this.expectPlugin(\\\"functionSent\\\"):this.hasPlugin(\\\"functionSent\\\"))||this.unexpected();const
n=this.state.containsEsc;return
e.property=this.parseIdentifier(!0),(e.property.name!==r|n)&&this.raise(e.property.start,y.UnsupportedMetaPropert
y,t.name,r),this.finishNode(e,\\\"MetaProperty\\\")}parseImportMetaProperty(e){const
t=this.createIdentifier(this.startNodeAtNode(e),\\\"import\\\");return
this.next(),this.isContextual(\\\"meta\\\")&&(this.inModule||this.raiseWithData(t.start,{code:\\\"BABEL_PARSER_
SOURCETYPE_MODULE_REQUIRED\\\"},y.ImportMetaOutsideModule),this.sawUnambiguousESM=!0),this.pa
rseMetaProperty(e,t,\\\"meta\\\")}parseLiteral(e,t,r,n){r=r||this.state.start,n=n||this.state.startLoc;const
i=this.startNodeAt(r,n);return
this.addExtra(i,\\\"rawValue\\\",e),this.addExtra(i,\\\"raw\\\",this.input.slice(r,this.state.end)),i.value=e,this.next(),thi
s.finishNode(i,t)}parseParenAndDistinguishExpression(e){const t=this.state.start,r=this.state.startLoc;let
n;this.next(),this.expressionScope.enter(new ve(1));const
i=this.state.maybeInArrowParameters,s=this.state.inFSharpPipelineDirectBody;this.state.maybeInArrowParameters
=!0,this.state.inFSharpPipelineDirectBody=!1;const a=this.state.start,l=this.state.startLoc,c=[],p=new
Se,u={start:0};let d,h,f=!0;for(;!this.match(o.parenR);){if(f)f=!1;else
if(this.expect(o.comma,u.start||null),this.match(o.parenR)){h=this.state.start;break}if(this.match(o.ellipsis)){const
e=this.state.start,t=this.state.startLoc;d=this.state.start,c.push(this.parseParenItem(this.parseRestBinding(),e,t)),this.c
heckCommaAfterRest(41);break}c.push(this.parseMaybeAssignAllowIn(p,this.parseParenItem,u))}const
m=this.state.lastTokEnd,y=this.state.lastTokEndLoc;this.expect(o.parenR),this.state.maybeInArrowParameters=i,thi
s.state.inFSharpPipelineDirectBody=s;let
T=this.startNodeAt(t,r);if(e&&this.shouldParseArrow())&&(T=this.parseArrow(T)){this.expressionScope.validateA
sPattern(),this.expressionScope.exit();for(let e=0;e<c.length;e++){const
t=c[e];t.extra&&t.extra.parenthesized&&this.unexpected(t.extra.parenStart)}return
this.parseArrowExpression(T,c,!1,T)}if(this.expressionScope.exit(),c.length||this.unexpected(this.state.lastTokStart),
h&&this.unexpected(h),d&&this.unexpected(d),this.checkExpressionErrors(p,!0),u.start&&this.unexpected(u.start),
this.toReferencedListDeep(c,!0),c.length>1?(n=this.startNodeAt(a,l),n.expressions=c,this.finishNodeAt(n,\\\"Sequen
ceExpression\\\",m,y)):n=c[0],!this.options.createParenthesizedExpressions)return
this.addExtra(n,\\\"parenthesized\\\",!0),this.addExtra(n,\\\"parenStart\\\",t),n;const b=this.startNodeAt(t,r);return
b.expression=n,this.finishNode(b,\\\"ParenthesizedExpression\\\",b)}shouldParseArrow(){return!this.canInsertSemic
olon()}parseArrow(e){if(this.eat(o.arrow))return e}parseParenItem(e,t,r){return e}parseNewOrNewTarget(){const
e=this.startNode();if(this.next(),this.match(o.dot)){const
t=this.createIdentifier(this.startNodeAtNode(e),\\\"new\\\");this.next();const
r=this.parseMetaProperty(e,t,\\\"target\\\");if(!this.scope.inNonArrowFunction&&!this.scope.inClass){let
e=y.UnexpectedNewTarget;this.hasPlugin(\\\"classProperties\\\")&&(e+=\\\" or class
properties\\\"),this.raise(r.start,e)}return r}return this.parseNew(e)}parseNew(e){return

```

```

e.callee=this.parseNoCallExpr(),\|"Import"\|===e.callee.type?this.raise(e.callee.start,y.ImportCallNotNewExpressi
on):\|"OptionalMemberExpression"\|===e.callee.type\|\|"OptionalCallExpression"\|===e.callee.type?this.raise(thi
s.state.lastTokEnd,y.OptionalChainingNoNew):this.eat(o.questionDot)&&this.raise(this.state.start,y.OptionalChai
ningNoNew),this.parseNewArguments(e),this.finishNode(e,\|"NewExpression"\|)}parseNewArguments(e){if(this.ea
t(o.parenL)){const t=this.parseExprList(o.parenR);this.toReferencedList(t),e.arguments=t}else
e.arguments=[]}parseTemplateElement(e){const t=this.startNode();return
null===this.state.value&&(e||this.raise(this.state.start+1,y.InvalidEscapeSequenceTemplate)),t.value={raw:this.inpu
t.slice(this.state.start,this.state.end).replace(/\|r\|n?/g,\|"\\\n\|"),cooked:this.state.value},this.next(),t.tail=this.mat
ch(o.backQuote),this.finishNode(t,\|"TemplateElement"\|)}parseTemplate(e){const
t=this.startNode();this.next(),t.expressions=[];let
r=this.parseTemplateElement(e);for(t.quasis=[r];!r.tail;)this.expect(o.dollarBraceL),t.expressions.push(this.parseTe
mplateSubstitution()),this.expect(o.braceR),t.quasis.push(r=this.parseTemplateElement(e));return
this.next(),this.finishNode(t,\|"TemplateLiteral"\|)}parseTemplateSubstitution(){return
this.parseExpression()}parseObjectLike(e,t,r,n){r&&this.expectPlugin(\|"recordAndTuple"\|);const
i=this.state.inFSharpPipelineDirectBody;this.state.inFSharpPipelineDirectBody=!1;const s=Object.create(null);let
a=!0;const l=this.startNode();for(l.properties=[],this.next();!this.match(e);){if(a)a=!1;else
if(this.expect(o.comma),this.match(e)){this.addExtra(l,\|"trailingComma"\|,this.state.lastTokStart);break}const
i=this.parsePropertyDefinition(t,n);t||this.checkProto(i,r,s,n),r&&\|"ObjectProperty"\|!=i.type&&\|"SpreadEleme
nt"\|!=i.type&&this.raise(i.start,y.InvalidRecordProperty),i.shorthand&&this.addExtra(i,\|"shorthand"\|,!0),l.pro
perties.push(i)}this.state.exprAllowed=!1,this.next(),this.state.inFSharpPipelineDirectBody=i;let
c=\|"ObjectExpression"\|;return
t?c=\|"ObjectPattern"\|:r&&(c=\|"RecordExpression"\|),this.finishNode(l,c)}maybeAsyncOrAccessorProp(e){ret
urn!e.computed&&\|"Identifier"\|===e.key.type&&(this.isLiteralPropertyName()||this.match(o.bracketL)||this.mat
ch(o.star))}parsePropertyDefinition(e,t){let
r=[];if(this.match(o.at))for(this.hasPlugin(\|"decorators"\|)&&this.raise(this.state.start,y.UnsupportedPropertyDeco
rator);this.match(o.at);r.push(this.parseDecorator());const n=this.startNode();let
i,s,a=!1,l=!1,c=!1;if(this.match(o.ellipsis))return
r.length&&this.unexpected(),e?(this.next(),n.argument=this.parseIdentifier(),this.checkCommaAfterRest(125),this.fi
nishNode(n,\|"RestElement"\|):this.parseSpread();r.length&&(n.decorators=r,r=[]),n.method=!1,(e||t)&&(i=this.st
ate.start,s=this.state.startLoc),e||(a=this.eat(o.star));const
p=this.state.containsEsc,u=this.parsePropertyName(n,!1);if(!e&&!a&&!p&&this.maybeAsyncOrAccessorProp(n)){
const
e=u.name;\|"async"\|!=e||this.hasPrecedingLineBreak()|(l=!0,a=this.eat(o.star),this.parsePropertyName(n,!1)),\|"
get"\|!=e&&\|"set"\|!=e||(c=!0,n.kind=e,this.match(o.star)&&(a=!0,this.raise(this.state.pos,y.AccessorIsGenerat
or,e),this.next()),this.parsePropertyName(n,!1))}return
this.parseObjPropValue(n,i,s,a,l,e,c,t),n}getGetterSetterExpectedParamCount(e){return\|"get"\|===e.kind?0:1}get
ObjectOrClassMethodParams(e){return e.params}checkGetterSetterParams(e){var t;const
r=this.getGetterSetterExpectedParamCount(e),n=this.getObjectOrClassMethodParams(e),i=e.start;n.length!=r&&(\
|"get"\|===e.kind?this.raise(i,y.BadGetterArity):this.raise(i,y.BadSetterArity)),\|"set"\|===e.kind&&\|"RestElem
ent"\|===(null==(t=n[n.length-1])?void
0:t.type)&&this.raise(i,y.BadSetterRestParameter)}parseObjectMethod(e,t,r,n,i){return
i?(this.parseMethod(e,t,!1,!1,\|"ObjectMethod"\|),this.checkGetterSetterParams(e),e:r||t||this.match(o.parenL)?(
n&&this.unexpected(),e.kind=\|"method"\|,e.method=!0,this.parseMethod(e,t,r,!1,!1,\|"ObjectMethod"\|):void
0}parseObjectProperty(e,t,r,n,i){return
e.shorthand=!1,this.eat(o.colon)?(e.value=n?this.parseMaybeDefault(this.state.start,this.state.startLoc):this.parseMa
ybeAssignAllowIn(i),this.finishNode(e,\|"ObjectProperty"\|):e.computed\|"Identifier"\|!=e.key.type?void
0:(this.checkReservedWord(e.key.name,e.key.start,!0,!1),n?e.value=this.parseMaybeDefault(t,r,e.key.__clone()):thi
s.match(o.eq)&&i?(-

```

```

l===i.shorthandAssign&&(i.shorthandAssign=this.state.start),e.value=this.parseMaybeDefault(t,r,e.key.__clone())
:e.value=e.key.__clone(),e.shorthand=!0,this.finishNode(e,\\\\"ObjectProperty\\\\"))}parseObjPropValue(e,t,r,n,i,s,a,o
){const l=this.parseObjectMethod(e,n,i,s,a)||this.parseObjectProperty(e,t,r,s,o);return
l||this.unexpected(),l}parsePropertyName(e,t){if(this.eat(o.bracketL))e.computed=!0,e.key=this.parseMaybeAssign
AllowIn(),this.expect(o.bracketR);else{const
r=this.state.inPropertyName;this.state.inPropertyName=!0,e.key=this.match(o.num)||this.match(o.string)||this.match(
o.bigint)||this.match(o.decimal)?this.parseExprAtom():this.parseMaybePrivateName(t,\\\\"PrivateName\\\\")!==e.key.t
ype&&(e.computed=!1),this.state.inPropertyName=r}return
e.key}initFunction(e,t){e.id=null,e.generator=!1,e.async=!t}parseMethod(e,t,r,n,i,s,a=!1){this.initFunction(e,r),e.ge
nerator=!t;const o=n;return
this.scope.enter(18|(a?64:0)|(i?32:0)),this.prodParam.enter(ne(r,e.generator)),this.parseFunctionParams(e,o),this.pars
eFunctionBodyAndFinish(e,s,!0),this.prodParam.exit(),this.scope.exit(),e}parseArrayLike(e,t,r,n){r&&this.expectPl
ugin(\\\\"recordAndTuple\\\\");const
i=this.state.inFSharpPipelineDirectBody;this.state.inFSharpPipelineDirectBody=!1;const s=this.startNode();return
this.next(),s.elements=this.parseExprList(e,!r,n,s),this.state.inFSharpPipelineDirectBody=i,this.finishNode(s,r?\\\\"Tu
pleExpression\\\\":\\\\"ArrayExpression\\\\"))}parseArrowExpression(e,t,r,n){this.scope.enter(6);let
i=ne(r,!1);!this.match(o.bracketL)&&this.prodParam.hasIn&&(i=8),this.prodParam.enter(i),this.initFunction(e,r);co
nst s=this.state.maybeInArrowParameters;return
t&&(this.state.maybeInArrowParameters=!0,this.setArrowFunctionParameters(e,t,n)),this.state.maybeInArrowPara
meters=!1,this.parseFunctionBody(e,!0),this.prodParam.exit(),this.scope.exit(),this.state.maybeInArrowParameters=
s,this.finishNode(e,\\\\"ArrowFunctionExpression\\\\"))}setArrowFunctionParameters(e,t,r){e.params=this.toAssignabl
eList(t,r)}parseFunctionBodyAndFinish(e,t,r=!1){this.parseFunctionBody(e,!1,r),this.finishNode(e,t)}parseFunction
Body(e,t,r=!1){const
n=t&&!this.match(o.braceL);if(this.expressionScope.enter(we()),n)e.body=this.parseMaybeAssign(),this.checkPara
ms(e,!1,t,!1);else{const
n=this.state.strict,i=this.state.labels;this.state.labels=[],this.prodParam.enter(4|this.prodParam.currentFlags()),e.body
=this.parseBlock(!0,!1,i=>{const s=!this.isSimpleParamList(e.params);if(i&&s){const
t=\\\\"method\\\\"!==e.kind&&\\\\"constructor\\\\"!==e.kind||!e.key?e.start:e.key.end;this.raise(t,y.IllegalLanguageMod
eDirective)}const
a=!n&&this.state.strict;this.checkParams(e,(this.state.strict||t||r||s),t,a),this.state.strict&&e.id&&this.checkLVal(e.id,
65,void 0,\\\\"function name\\\\"),void
0,a)),this.prodParam.exit(),this.expressionScope.exit(),this.state.labels=i}}isSimpleParamList(e){for(let
t=0,r=e.length;t<r;t++)if(\\\\"Identifier\\\\"!==e[t].type)return!1;return!0}checkParams(e,t,r,n=!0){const
i=Object.create(null);for(let r=0;r<e.params.length;r++)this.checkLVal(e.params[r],5,t?null:i,\\\\"function parameter
list\\\\"),void 0,n)}parseExprList(e,t,r,n){const i=[];let s=!0;for(;!this.eat(e);){if(s)=!1;else
if(this.expect(o.comma),this.match(e)){n&&this.addExtra(n,\\\\"trailingComma\\\\"),this.state.lastTokStart),this.next();
break}i.push(this.parseExprListItem(t,r))}return i}parseExprListItem(e,t,r,n){let
i;if(this.match(o.comma)e||this.raise(this.state.pos,y.UnexpectedToken,\\\\"\\\\"),i=null;else
if(this.match(o.ellipsis)){const
e=this.state.start,n=this.state.startLoc;i=this.parseParenItem(this.parseSpread(t,r),e,n)}else
if(this.match(o.question)){this.expectPlugin(\\\\"partialApplication\\\\"),n||this.raise(this.state.start,y.UnexpectedArgu
mentPlaceholder);const e=this.startNode();this.next(),i=this.finishNode(e,\\\\"ArgumentPlaceholder\\\\"))}else
i=this.parseMaybeAssignAllowIn(t,this.parseParenItem,r);return i}parseIdentifier(e){const
t=this.startNode(),r=this.parseIdentifierName(t.start,e);return this.createIdentifier(t,r)}createIdentifier(e,t){return
e.name=t,e.loc.identifierName=t,this.finishNode(e,\\\\"Identifier\\\\"))}parseIdentifierName(e,t){let
r;const{start:n,type:i}=this.state;if(i===o.name)r=this.state.value;else{if(!i.keyword)throw
this.unexpected();{r=i.keyword;const
e=this.curContext();i!==o._class&&i!==o._function||e!==g.functionStatement&&e!==g.functionExpression||this.stat

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e.context.pop() } return
t?this.state.type=o.name:this.checkReservedWord(r,n,!i.keyword,!1),this.next(),r } checkReservedWord(e,t,r,n) { if(th
is.prodParam.hasYield&&\\\\"yield\\\\"===e)return void
this.raise(t,y.YieldBindingIdentifier);if(\\\\"await\\\\"===e) { if(this.prodParam.hasAwait)return void
this.raise(t,y.AwaitBindingIdentifier);this.expressionScope.recordAsyncArrowParametersError(t,y.AwaitBindingIde
ntifier) } if(this.scope.inClass&&!this.scope.inNonArrowFunction&&\\\\"arguments\\\\"===e)return void
this.raise(t,y.ArgumentsInClass);if(r&&R(e))return void
this.raise(t,y.UnexpectedKeyword,e);(this.state.strict?n?F:M:L)(e,this.inModule)&&(this.prodParam.hasAwait||\\\\"a
wait\\\\"!==e?this.raise(t,y.UnexpectedReservedWord,e):this.raise(t,this.hasPlugin(\\\\"topLevelAwait\\\\")?y.AwaitNo
tInAsyncContext:y.AwaitNotInAsyncFunction)) } isAwaitAllowed() { return
this.scope.inFunction?this.prodParam.hasAwait:!this.options.allowAwaitOutsideFunction||!this.hasPlugin(\\\\"topL
evelAwait\\\\")&&(this.inModule&&this.prodParam.hasAwait) } parseAwait() { const e=this.startNode();return
this.next(),this.expressionScope.recordParameterInitializerError(e.start,y.AwaitExpressionFormalParameter),this.eat
(o.star)&&this.raise(e.start,y.ObsoleteAwaitStar),this.scope.inFunction||this.options.allowAwaitOutsideFunction||(th
is.hasPrecedingLineBreak()||this.match(o.plusMin)||this.match(o.parenL)||this.match(o.bracketL)||this.match(o.back
Quote)||this.match(o.regexp)||this.match(o.slash)||this.hasPlugin(\\\\"v8intrinsic\\\\"))&&this.match(o.modulo)?this.am
biguousScriptDifferentAst=!0:this.sawUnambiguousESM=!0),this.state.soloAwait|(e.argument=this.parseMaybeUn
ary()),this.finishNode(e,\\\\"AwaitExpression\\\\")) } parseYield() { const e=this.startNode();return
this.expressionScope.recordParameterInitializerError(e.start,y.YieldInParameter),this.next(),this.match(o.semi)||!this
.match(o.star)&&!this.state.type.startsExpr||this.hasPrecedingLineBreak()?(e.delegate=!1,e.argument=null):(e.deleg
ate=this.eat(o.star),e.argument=this.parseMaybeAssign()),this.finishNode(e,\\\\"YieldExpression\\\\")) } checkPipeline
AtInfixOperator(e,t) { \\\\"smart\\\\"===this.getPluginOption(\\\\"pipelineOperator\\\\"),\\\\"proposal\\\\"}&&\\\\"SequenceE
xpression\\\\"===e.type&&this.raise(t,y.PipelineHeadSequenceExpression) } parseSmartPipelineBody(e,t,r) { return
this.checkSmartPipelineBodyEarlyErrors(e,t),this.parseSmartPipelineBodyInStyle(e,t,r) } checkSmartPipelineBodyE
arlyErrors(e,t) { if(this.match(o.arrow))throw
this.raise(this.state.start,y.PipelineBodyNoArrow);\\\\"SequenceExpression\\\\"===e.type&&this.raise(t,y.PipelineBo
dySequenceExpression) } parseSmartPipelineBodyInStyle(e,t,r) { const
n=this.startNodeAt(t,r),i=this.isSimpleReference(e);return
i?n.callee=e:(this.topicReferenceWasUsedInCurrentTopicContext()||this.raise(t,y.PipelineTopicUnused),n.expressio
n=e),this.finishNode(n,i?\\\\"PipelineBareFunction\\\\":\\\\"PipelineTopicExpression\\\\")) } isSimpleReference(e) { switch
(e.type) { case\\\\"MemberExpression\\\\":return!e.computed&&this.isSimpleReference(e.object);case\\\\"Identifier\\\\":r
eturn!0;default:return!1 } } withTopicPermittingContext(e) { const
t=this.state.topicContext;this.state.topicContext={ maxNumOfResolvableTopics:1,maxTopicIndex:null };try { return
e() } finally { this.state.topicContext=t } } withTopicForbiddingContext(e) { const
t=this.state.topicContext;this.state.topicContext={ maxNumOfResolvableTopics:0,maxTopicIndex:null };try { return
e() } finally { this.state.topicContext=t } } withSoloAwaitPermittingContext(e) { const
t=this.state.soloAwait;this.state.soloAwait=!0;try { return e() } finally { this.state.soloAwait=t } } allowInAnd(e) { const
t=this.prodParam.currentFlags;if(8&~t) { this.prodParam.enter(8|t);try { return
e() } finally { this.prodParam.exit() } } return e() } disallowInAnd(e) { const
t=this.prodParam.currentFlags;if(8&t) { this.prodParam.enter(-9&t);try { return
e() } finally { this.prodParam.exit() } } return
e() } registerTopicReference() { this.state.topicContext.maxTopicIndex=0 } primaryTopicReferenceIsAllowedInCurrent
TopicContext() { return
this.state.topicContext.maxNumOfResolvableTopics>=1 } topicReferenceWasUsedInCurrentTopicContext() { return
null!=this.state.topicContext.maxTopicIndex&&this.state.topicContext.maxTopicIndex>=0 } parseFSharpPipelineBo
dy(e) { const t=this.state.start,r=this.state.startLoc;this.state.potentialArrowAt=this.state.start;const
n=this.state.inFSharpPipelineDirectBody;this.state.inFSharpPipelineDirectBody=!0;const
i=this.parseExprOp(this.parseMaybeUnary(),t,r,e);return

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this.state.inFSharpPipelineDirectBody=n,i } } parseTopLevel(e,t){ if(t.sourceType=this.options.sourceType,t.interpre
ter=this.parseInterpreterDirective(),this.parseBlockBody(t,!0,!0,o.eof),this.inModule&&!this.options.allowUndeclar
edExports&&this.scope.undefinedExports.size>0)for(let
e=0,t=Array.from(this.scope.undefinedExports);e<t.length;e++){ const[r]=t[e],n=this.scope.undefinedExports.get(r);
this.raise(n,y.ModuleExportUndefined,r)}return
e.program=this.finishNode(t,\\\`Program\\\`),e.comments=this.state.comments,this.options.tokens&&(e.tokens=this.
tokens),this.finishNode(e,\\\`File\\\`)}stmtToDirective(e){ const
t=e.expression,r=this.startNodeAt(t.start,t.loc.start),n=this.startNodeAt(e.start,e.loc.start),i=this.input.slice(t.start,t.en
d),s=r.value=i.slice(1,-1);return
this.addExtra(r,\\\`raw\\\`,i),this.addExtra(r,\\\`rawValue\\\`,s),n.value=this.finishNodeAt(r,\\\`DirectiveLiteral\\\`,t.e
nd,t.loc.end),this.finishNodeAt(n,\\\`Directive\\\`,e.end,e.loc.end)}parseInterpreterDirective(){ if(!this.match(o.interp
reterDirective))return null;const e=this.startNode();return
e.value=this.state.value,this.next(),this.finishNode(e,\\\`InterpreterDirective\\\`)}isLet(e){ if(!this.isContextual(\\\`let
\\\`))return!1;const
t=this.nextTokenStart(),r=this.input.charCodeAtAt(t);if(91===r)return!0;if(e)return!1;if(123===r)return!0;if(O(r)){ let
e=t+1;for(;I(this.input.charCodeAtAt(e));)++e;const
r=this.input.slice(t,e);if(!B.test(r))return!0}return!1}parseStatement(e,t){ return
this.match(o.at)&&this.parseDecorators(!0),this.parseStatementContent(e,t)}parseStatementContent(e,t){ let
r=this.state.type;const n=this.startNode();let i;switch(this.isLet(e)&&(r=o._var,i=\\\`let\\\`),r){ case o._break:case
o._continue:return this.parseBreakContinueStatement(n,r.keyword);case o._debugger:return
this.parseDebuggerStatement(n);case o._do:return this.parseDoStatement(n);case o._for:return
this.parseForStatement(n);case o._function:if(46===this.lookaheadCharCode())break;return
e&&(this.state.strict?this.raise(this.state.start,y.StrictFunction):\\\`if\\\`!==e&&\\\`label\\\`!==e&&this.raise(this.stat
e.start,y.SloppyFunction)),this.parseFunctionStatement(n,!1,e);case o._class:return
e&&this.unexpected(),this.parseClass(n,!0);case o._if:return this.parseIfStatement(n);case o._return:return
this.parseReturnStatement(n);case o._switch:return this.parseSwitchStatement(n);case o._throw:return
this.parseThrowStatement(n);case o._try:return this.parseTryStatement(n);case o._const:case o._var:return
i=i||this.state.value,e&&\\\`var\\\`!==i&&this.raise(this.state.start,y.UnexpectedLexicalDeclaration),this.parseVarSta
tement(n,i);case o._while:return this.parseWhileStatement(n);case o._with:return this.parseWithStatement(n);case
o.braceL:return this.parseBlock();case o.semi:return this.parseEmptyStatement(n);case o._import: { const
e=this.lookaheadCharCode();if(40===e||46===e)break }case o._export: { let e;return
this.options.allowImportExportEverywhere||t||this.raise(this.state.start,y.UnexpectedImportExport),this.next(),r===o.
_import?(e=this.parseImport(n,\\\`ImportDeclaration\\\`!==e.type||e.importKind&&\\\`value\\\`!==e.importKind||(t
his.sawUnambiguousESM=!0)):e=this.parseExport(n,(\\\`ExportNamedDeclaration\\\`!==e.type||e.exportKind&&\\\`
value\\\`!==e.exportKind&&\\\`ExportAllDeclaration\\\`!==e.type||e.exportKind&&\\\`value\\\`!==e.exportKin
d&&\\\`ExportDefaultDeclaration\\\`!==e.type||(this.sawUnambiguousESM=!0)),this.assertModuleNodeAllowed(n
),e)}default:if(this.isAsyncFunction())return
e&&this.raise(this.state.start,y.AsyncFunctionInSingleStatementContext),this.next(),this.parseFunctionStatement(n,!
0,!e)}const s=this.state.value,a=this.parseExpression();return
r===o.name&&\\\`Identifier\\\`===a.type&&this.eat(o.colon)?this.parseLabeledStatement(n,s,a,e):this.parseExpress
ionStatement(n,a)}assertModuleNodeAllowed(e){ this.options.allowImportExportEverywhere||this.inModule||this.rai
seWithData(e.start,{code:\\\`BABEL_PARSER_SOURCETYPE_MODULE_REQUIRED\\\`},y.ImportOutsideMo
dule)}takeDecorators(e){ const t=this.state.decoratorStack[this.state.decoratorStack.length-
1];t.length&&(e.decorators=t,this.resetStartLocationFromNode(e,t[0]),this.state.decoratorStack[this.state.decoratorS
tack.length-1]=[])canHaveLeadingDecorator(){ return this.match(o._class)}parseDecorators(e){ const
t=this.state.decoratorStack[this.state.decoratorStack.length-1];for(;this.match(o.at);){ const
e=this.parseDecorator();t.push(e)}if(this.match(o._export))e||this.unexpected(),this.hasPlugin(\\\`decorators\\\`)&&!t
his.getPluginOption(\\\`decorators\\\`,\\\`decoratorsBeforeExport\\\`)&&this.raise(this.state.start,y.DecoratorExport

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Class);else if(!this.canHaveLeadingDecorator())throw
this.raise(this.state.start,y.UnexpectedLeadingDecorator)}parseDecorator(){this.expectOnePlugin([\\\\"decorators-
legacy\\\\";\\\\"decorators\\\\"]);const
e=this.startNode();if(this.next(),this.hasPlugin(\\\\"decorators\\\\")){this.state.decoratorStack.push([]);const
t=this.state.start,r=this.state.startLoc;let n;if(this.eat(o.parenL))n=this.parseExpression(),this.expect(o.parenR);else
for(n=this.parseIdentifier(!1);this.eat(o.dot);}const
e=this.startNodeAt(t,r);e.object=n,e.property=this.parseIdentifier(!0),e.computed=!1,n=this.finishNode(e,\\\\"Membe
rExpression\\\\")}e.expression=this.parseMaybeDecoratorArguments(n),this.state.decoratorStack.pop()}else
e.expression=this.parseExprSubscripts();return
this.finishNode(e,\\\\"Decorator\\\\")}parseMaybeDecoratorArguments(e){if(this.eat(o.parenL)){const
t=this.startNodeAtNode(e);return
t.callee=e,t.arguments=this.parseCallExpressionArguments(o.parenR,!1),this.toReferencedList(t.arguments),this.fini
shNode(t,\\\\"CallExpression\\\\")}return e}parseBreakContinueStatement(e,t){const r=\\\\"break\\\\"===t;return
this.next(),this.isLineTerminator()?e.label=null:(e.label=this.parseIdentifier(),this.semicolon()),this.verifyBreakCont
inue(e,t),this.finishNode(e,r?\\\\"BreakStatement\\\\":\\\\"ContinueStatement\\\\")}verifyBreakContinue(e,t){const
r=\\\\"break\\\\"===t;let n;for(n=0;n<this.state.labels.length;++n){const
t=this.state.labels[n];if(null===e.label||t.name===e.label.name){if(null!=t.kind&&(r||\\\\"loop\\\\"===t.kind))break;if(e.
label&&r)break}}n===this.state.labels.length&&this.raise(e.start,y.IllegalBreakContinue,t)}parseDebuggerStateme
nt(e){return
this.next(),this.semicolon(),this.finishNode(e,\\\\"DebuggerStatement\\\\")}parseHeaderExpression(){this.expect(o.par
enL);const e=this.parseExpression();return this.expect(o.parenR),e}parseDoStatement(e){return
this.next(),this.state.labels.push(Oe),e.body=this.withTopicForbiddingContext(=>this.parseStatement(\\\\"do\\\\")),th
is.state.labels.pop(),this.expect(o._while),e.test=this.parseHeaderExpression(),this.eat(o.semi),this.finishNode(e,\\\\"
DoWhileStatement\\\\")}parseForStatement(e){this.next(),this.state.labels.push(Oe);let t=-
1;if(this.isAwaitAllowed()&&this.eatContextual(\\\\"await\\\\"))&&(t=this.state.lastTokStart),this.scope.enter(0),this.e
xpect(o.parenL),this.match(o.semi))return t>-1&&this.unexpected(t),this.parseFor(e,null);const
r=this.isLet();if(this.match(o._var)||this.match(o._const)||r){const
n=this.startNode(),i=r?\\\\"let\\\\":this.state.value;return
this.next(),this.parseVar(n,!0,i),this.finishNode(n,\\\\"VariableDeclaration\\\\"),(this.match(o._in)||this.isContextual(\\\\"
of\\\\"))&&1===n.declarations.length?this.parseForIn(e,n,t):(t>-1&&this.unexpected(t),this.parseFor(e,n))}const
n=new Se,i=this.parseExpression(!0,n);if(this.match(o._in)||this.isContextual(\\\\"of\\\\")){this.toAssignable(i);const
r=this.isContextual(\\\\"of\\\\")?\\\\"for-of statement\\\\":\\\\"for-in statement\\\\";return this.checkLVal(i,void 0,void
0,r),this.parseForIn(e,i,t)}return this.checkExpressionErrors(n,!0),t>-
1&&this.unexpected(t),this.parseFor(e,i)}parseFunctionStatement(e,t,r){return
this.next(),this.parseFunction(e,1|(r?0:2),t)}parseIfStatement(e){return
this.next(),e.test=this.parseHeaderExpression(),e.consequent=this.parseStatement(\\\\"if\\\\"),e.alternate=this.eat(o._el
se)?this.parseStatement(\\\\"if\\\\"):null,this.finishNode(e,\\\\"IfStatement\\\\")}parseReturnStatement(e){return
this.prodParam.hasReturn||this.options.allowReturnOutsideFunction||this.raise(this.state.start,y.IllegalReturn),this.ne
xt(),this.isLineTerminator()?e.argument=null:(e.argument=this.parseExpression(),this.semicolon()),this.finishNode(
e,\\\\"ReturnStatement\\\\")}parseSwitchStatement(e){this.next(),e.discriminant=this.parseHeaderExpression();const
t=e.cases=[];let
r,n;for(this.expect(o.braceL),this.state.labels.push(Ie),this.scope.enter(0);!this.match(o.braceR);if(this.match(o._cas
e)||this.match(o._default)){const
e=this.match(o._case);r&&this.finishNode(r,\\\\"SwitchCase\\\\"),t.push(r=this.startNode()),r.consequent=[],this.next(
),e?r.test=this.parseExpression():(n&&this.raise(this.state.lastTokStart,y.MultipleDefaultsInSwitch),n=!0,r.test=null)
,this.expect(o.colon)}else r?r.consequent.push(this.parseStatement(null)):this.unexpected();return
this.scope.exit(),r&&this.finishNode(r,\\\\"SwitchCase\\\\"),this.next(),this.state.labels.pop(),this.finishNode(e,\\\\"Swit
chStatement\\\\")}parseThrowStatement(e){return

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this.next(),this.hasPrecedingLineBreak()&&this.raise(this.state.lastTokEnd,y.NewLineAfterThrow),e.argument=this.
parseExpression(),this.semicolon(),this.finishNode(e,\\\\"ThrowStatement\\\\"))}parseCatchClauseParam(){const
e=this.parseBindingAtom(),t=\\\\"Identifier\\\\"===e.type;return
this.scope.enter(t?8:0),this.checkLVal(e,9,null,\\\\"catch
clause\\\\"),e}parseTryStatement(e){if(this.next(),e.block=this.parseBlock(),e.handler=null,this.match(o._catch)){con
st
t=this.startNode();this.next(),this.match(o.parenL)?(this.expect(o.parenL),t.param=this.parseCatchClauseParam(),thi
s.expect(o.parenR)):(t.param=null,this.scope.enter(0)),t.body=this.withTopicForbiddingContext(=>this.parseBlock
(!1,!1)),this.scope.exit(),e.handler=this.finishNode(t,\\\\"CatchClause\\\\"))}return
e.finalizer=this.eat(o._finally)?this.parseBlock():null,e.handler||e.finalizer||this.raise(e.start,y.NoCatchOrFinally),this
.finishNode(e,\\\\"TryStatement\\\\"))}parseVarStatement(e,t){return
this.next(),this.parseVar(e,!1,t),this.semicolon(),this.finishNode(e,\\\\"VariableDeclaration\\\\"))}parseWhileStatement(
e){return
this.next(),e.test=this.parseHeaderExpression(),this.state.labels.push(Oe),e.body=this.withTopicForbiddingContext((
=>this.parseStatement(\\\\"while\\\\")),this.state.labels.pop(),this.finishNode(e,\\\\"WhileStatement\\\\"))}parseWithStat
ement(e){return
this.state.strict&&this.raise(this.state.start,y.StrictWith),this.next(),e.object=this.parseHeaderExpression(),e.body=th
is.withTopicForbiddingContext(=>this.parseStatement(\\\\"with\\\\")),this.finishNode(e,\\\\"WithStatement\\\\"))}parse
EmptyStatement(e){return
this.next(),this.finishNode(e,\\\\"EmptyStatement\\\\"))}parseLabeledStatement(e,t,r,n){for(let
e=0,n=this.state.labels;e<n.length;e++){n[e].name===t&&this.raise(r.start,y.LabelRedeclaration,t)}const
i=this.state.type.isLoop?\\\\"loop\\\\":this.match(o._switch)?\\\\"switch\\\\":null;for(let t=this.state.labels.length-
1;t>=0;t--){const
r=this.state.labels[t];if(r.statementStart!==e.start)break;r.statementStart=this.state.start,r.kind=i}return
this.state.labels.push({name:t,kind:i,statementStart:this.state.start}),e.body=this.parseStatement(n?-
1===n.indexOf(\\\\"label\\\\")?n+\\\\"label\\\\":n:\\\\"label\\\\"),this.state.labels.pop(),e.label=r,this.finishNode(e,\\\\"Label
edStatement\\\\"))}parseExpressionStatement(e,t){return
e.expression=t,this.semicolon(),this.finishNode(e,\\\\"ExpressionStatement\\\\"))}parseBlock(e=!1,t=!0,r){const
n=this.startNode();return
this.expect(o.braceL),t&&this.scope.enter(0),this.parseBlockBody(n,e,!1,o.braceR,r),t&&this.scope.exit(),this.finish
Node(n,\\\\"BlockStatement\\\\"))}isValidDirective(e){return\\\\"ExpressionStatement\\\\"===e.type&&\\\\"StringLiteral\\
\\\\"===e.expression.type&&!e.expression.extra.parenthesized}parseBlockBody(e,t,r,n,i){const
s=e.body=[],a=e.directives=[];this.parseBlockOrModuleBlockBody(s,t?a:void
0,r,n,i)}parseBlockOrModuleBlockBody(e,t,r,n,i){const s=[],a=this.state.strict;let
o=!1,l=!1;for(;!this.match(n);){!l&&this.state.octalPositions.length&&s.push(...this.state.octalPositions);const
n=this.parseStatement(null,r);if(t&&!l&&this.isValidDirective(n)){const
e=this.stmtToDirective(n);t.push(e),o||\\\\"use strict\\\\"!==e.value.value||(o=!0,this.setStrict(!0))}else
l=!0,e.push(n)}if(this.state.strict&&s.length)for(let e=0;e<s.length;e++){const
t=s[e];this.raise(t,y.StrictOctalLiteral)}i&&i.call(this,o),a||this.setStrict(!1),this.next()}parseFor(e,t){return
e.init=t,this.expect(o.semi),e.test=this.match(o.semi)?null:this.parseExpression(),this.expect(o.semi),e.update=this.m
atch(o.parenR)?null:this.parseExpression(),this.expect(o.parenR),e.body=this.withTopicForbiddingContext(=>this.
parseStatement(\\\\"for\\\\")),this.scope.exit(),this.state.labels.pop(),this.finishNode(e,\\\\"ForStatement\\\\"))}parseForIn
(e,t,r){const n=this.match(o._in);return this.next(),n?r>-1&&this.unexpected(r):e.await=r>-
1,\\\\"VariableDeclaration\\\\"!==t.type||null===t.declarations[0].init||n&&!this.state.strict&&\\\\"var\\\\"===t.kind&&\\\\"
Identifier\\\\"===t.declarations[0].id.type?\\\\"AssignmentPattern\\\\"===t.type&&this.raise(t.start,y.InvalidLhs,\\\\"for
-loop\\\\"):this.raise(t.start,y.ForInOfLoopInitializer,n?\\\\"for-in\\\\":\\\\"for-
of\\\\"),e.left=t,e.right=n?this.parseExpression():this.parseMaybeAssignAllowIn(),this.expect(o.parenR),e.body=this.
withTopicForbiddingContext(=>this.parseStatement(\\\\"for\\\\")),this.scope.exit(),this.state.labels.pop(),this.finishN

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```

ode(e,n?"ForInStatement":"ForOfStatement")}parseVar(e,t,r){const
n=e.declarations=[],i=this.hasPlugin("typescript");for(e.kind=r;){const
e=this.startNode();if(this.parseVarId(e,r),this.eat(o.eq)?e.init=t?this.parseMaybeAssignDisallowIn():this.parseMaybeAssignAllowIn():("const"!=r||this.match(o._in)||this.isContextual("of"))?"Identifier"===e.id.type|t&&(this.match(o._in)||this.isContextual("of"))||this.raise(this.state.lastTokEnd.y.DeclarationMissingInitializer,"Complex binding patterns"):i||this.raise(this.state.lastTokEnd.y.DeclarationMissingInitializer,"Const declarations"),e.init=null,n.push(this.finishNode(e,"VariableDeclarator")),!this.eat(o.comma))break }return e}parseVarId(e,t){e.id=this.parseBindingAtom(),this.checkLVal(e.id,"var"===t?5:9,void 0,"variable declaration","var"!==t)}parseFunction(e,t=0,r=!1){const n=1&t,i=2&t,s=!(n|4&t);this.initFunction(e,r),this.match(o.star)&&i&&this.raise(this.state.start.y.GeneratorInSingleStatementContext),e.generator=this.eat(o.star),n&&(e.id=this.parseFunctionId(s));const a=this.state.maybeInArrowParameters;return this.state.maybeInArrowParameters=!1,this.scope.enter(2),this.prodParam.enter(ne(r,e.generator),n|(e.id=this.parseFunctionId()),this.parseFunctionParams(e,!1),this.withTopicForbiddingContext(=>{this.parseFunctionBodyAndFinish(e,n?"FunctionDeclaration":"FunctionExpression"))},this.prodParam.exit(),this.scope.exit(),n&&!i&&this.registerFunctionStatementId(e),this.state.maybeInArrowParameters=a,e }parseFunctionId(e){return e||this.match(o.name)?this.parseIdentifier():null }parseFunctionParams(e,t){this.expect(o.parenL),this.expressionScope.enter(new Pe(3)),e.params=this.parseBindingList(o.parenR,41,!1,t),this.expressionScope.exit()}registerFunctionStatementId(e){e.id&&this.scope.declareName(e.id.name,this.state.strict|e.generator|e.async?this.scope.treatFunctionsAsVar?5:9:17,e.id.start)}parseClass(e,t,r){this.next(),this.takeDecorators(e);const n=this.state.strict;return this.state.strict=!0,this.parseClassId(e,t,r),this.parseClassSuper(e),e.body=this.parseClassBody(!e.superClass,n),this.finishNode(e,"ClassDeclaration":"ClassExpression")}isClassProperty(){return this.match(o.eq)||this.match(o.semi)||this.match(o.braceR)}isClassMethod(){return this.match(o.parenL)}isNonstaticConstructor(e){return!(e.computed|e.static||"constructor"!==e.key.name&&"constructor"!==e.key.value)}parseClassBody(e,t){this.classScope.enter();const r={constructorAllowsSuper:e,hadConstructor:!1,hadStaticBlock:!1};let n=[];const i=this.startNode();if(i.body=[],this.expect(o.braceL),this.withTopicForbiddingContext(=>{for(;!this.match(o.braceR);){if(this.eat(o.semi)){if(n.length>0)throw this.raise(this.state.lastTokEnd.y.DecoratorSemicolon);continue }if(this.match(o.at)){n.push(this.parseDecorator());continue }const e=this.startNode();n.length&&(e.decorators=n,this.resetStartLocationFromNode(e,n[0]),n=[]),this.parseClassMember(i,e,r,"constructor"===e.kind&&e.decorators&&e.decorators.length>0&&this.raise(e.start.y.DecoratorConstructor)}),this.state.strict=t,this.next(),n.length)throw this.raise(this.state.start.y.TrailingDecorator);return this.classScope.exit(),this.finishNode(i,"ClassBody")}parseClassMemberFromModifier(e,t){const r=this.parseIdentifier(!0);if(this.isClassMethod()){const n=t;return n.kind="method",n.computed=!1,n.key=r,n.static=!1,this.pushClassMethod(e,n,!1,!1,!1,!1,!1,!1)}if(this.isClassProperty()){const n=t;return n.computed=!1,n.key=r,n.static=!1,e.body.push(this.parseClassProperty(n),!0)}return!1 }parseClassMember(e,t,r){const n=this.isContextual("static");if(n){if(this.parseClassMemberFromModifier(e,t))return;if(this.eat(o.braceL))return n void this.parseClassStaticBlock(e,t,r)}this.parseClassMemberWithIsStatic(e,t,r,n)}parseClassMemberWithIsStatic(e,t,r,n){const i=t,s=t,a=t,l=t,c=i,p=i;if(t.static=n,this.eat(o.star))return c.kind="method",this.parseClassElementName(c),"PrivateName"===c.key.type?void this.pushClassPrivateMethod(e,s,!0,!1):(this.isNonstaticConstructor(i)&&this.raise(i.key.start.y.ConstructorIsGenerator),void this.pushClassMethod(e,i,!0,!1,!1,!1));const u=this.state.containsEsc,d=this.parseClassElementName(t),h="PrivateName"===d.type,f="Identifier"===d.

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type,m=this.state.start;if(this.parsePostMemberNameModifiers(p),this.isClassMethod()){if(c.kind=\\\\"method\\\\",h)r
return void this.pushClassPrivateMethod(e,s,!1,!1);const t=this.isNonstaticConstructor(i);let
n=!1;t&&(i.kind=\\\\"constructor\\\\",r.hadConstructor&&!this.hasPlugin(\\\\"typescript\\\\")&&this.raise(d.start,y.Dupl
icateConstructor),r.hadConstructor=!0,n=r.constructorAllowsSuper),this.pushClassMethod(e,i,!1,!1,t,n)}else
if(this.isClassProperty())h?this.pushClassPrivateProperty(e,l):this.pushClassProperty(e,a);else
if(!f\\\\"async\\\\"!==d.name||u||this.isLineTerminator())!f\\\\"get\\\\"!==d.name&&\\\\"set\\\\"!==d.name||u||this.match(
o.star)&&this.isLineTerminator()?this.isLineTerminator()?h?this.pushClassPrivateProperty(e,l):this.pushClassPrope
rty(e,a):this.unexpected():(c.kind=d.name,this.parseClassName(i,\\\\"PrivateName\\\\"===c.key.type?this.pu
shClassPrivateMethod(e,s,!1,!1):(this.isNonstaticConstructor(i)&&this.raise(i.key.start,y.ConstructorIsAccessor),thi
s.pushClassMethod(e,i,!1,!1,!1)),this.checkGetterSetterParams(i));else{const
t=this.eat(o.star);p.optional&&this.unexpected(m),c.kind=\\\\"method\\\\",this.parseClassName(c),this.parseP
ostMemberNameModifiers(p,\\\\"PrivateName\\\\"===c.key.type?this.pushClassPrivateMethod(e,s,t,!0):(this.isNonst
aticConstructor(i)&&this.raise(i.key.start,y.ConstructorIsAsync),this.pushClassMethod(e,i,t,!0,!1,!1))}}parseClassE
lementName(e){const t=this.parsePropertyName(e,!0);return
e.computed||e.static||\\\\"prototype\\\\"!==t.name&&\\\\"prototype\\\\"!==t.value||this.raise(t.start,y.StaticPrototype),\\\\"
PrivateName\\\\"===t.type&&\\\\"constructor\\\\"===t.id.name&&this.raise(t.start,y.ConstructorClassPrivateField),t}p
arseClassStaticBlock(e,t,r){var
n;this.expectPlugin(\\\\"classStaticBlock\\\\",t.start),this.scope.enter(80),this.expressionScope.enter(we());const
i=this.state.labels;this.state.labels=[],this.prodParam.enter(0);const
s=t.body=[];this.parseBlockOrModuleBlockBody(s,void
0,!1,o.braceR),this.prodParam.exit(),this.expressionScope.exit(),this.scope.exit(),this.state.labels=i,e.body.push(this.
finishNode(t,\\\\"StaticBlock\\\\"),r.hadStaticBlock&&this.raise(t.start,y.DuplicateStaticBlock),(null==(n=t.decorator
s)?void
0:n.length)&&this.raise(t.start,y.DecoratorStaticBlock),r.hadStaticBlock=!0}pushClassProperty(e,t){t.computed||\\\\"
constructor\\\\"!==t.key.name&&\\\\"constructor\\\\"!==t.key.value||this.raise(t.key.start,y.ConstructorClassField),e.bo
dy.push(this.parseClassProperty(t))pushClassPrivateProperty(e,t){this.expectPlugin(\\\\"classPrivateProperties\\\\",t.
key.start);const
r=this.parseClassPrivateProperty(t);e.body.push(r),this.classScope.declarePrivateName(r.key.id.name,0,r.key.start)}
pushClassMethod(e,t,r,n,i,s){e.body.push(this.parseMethod(t,r,n,i,s,\\\\"ClassMethod\\\\",!0))pushClassPrivateMetho
d(e,t,r,n){this.expectPlugin(\\\\"classPrivateMethods\\\\",t.key.start);const
i=this.parseMethod(t,r,n,!1,!1,\\\\"ClassPrivateMethod\\\\",!0);e.body.push(i);const
s=\\\\"get\\\\"===i.kind?i.static?6:2:\\\\"set\\\\"===i.kind?i.static?5:1:0;this.classScope.declarePrivateName(i.key.id.na
me,s,i.key.start)}parsePostMemberNameModifiers(e){return
this.parseInitializer(e),this.semicolon(),this.finishNode(e,\\\\"ClassPrivateProperty\\\\")}parseClassProperty(e){return
e.typeAnnotation&&!this.match(o.eq)||this.expectPlugin(\\\\"classProperties\\\\"),this.parseInitializer(e),this.semicolo
n(),this.finishNode(e,\\\\"ClassProperty\\\\")}parseInitializer(e){this.scope.enter(80),this.expressionScope.enter(we()),
this.prodParam.enter(0),e.value=this.eat(o.eq)?this.parseMaybeAssignAllowIn():null,this.expressionScope.exit(),thi
s.prodParam.exit(),this.scope.exit()}parseClassId(e,t,r,n=139){this.match(o.name)?(e.id=this.parseIdentifier(),t&&th
is.checkLVal(e.id,n,void 0,\\\\"class
name\\\\"):r||t?e.id=null:this.unexpected(null,y.MissingClassName)}parseClassSuper(e){e.superClass=this.eat(o._e
xtends)?this.parseExprSubscripts():null}parseExport(e){const
t=this.maybeParseExportDefaultSpecifier(e),r=!t||this.eat(o.comma),n=r&&this.eatExportStar(e),i=n&&this.maybeP
arseExportNamespaceSpecifier(e),s=r&&(i||this.eat(o.comma)),a=t||n;if(n&&!i)return
t&&this.unexpected(),this.parseExportFrom(e,!0),this.finishNode(e,\\\\"ExportAllDeclaration\\\\");const
l=this.maybeParseExportNamedSpecifiers(e);if(t&&r&&!n&&!i&&s&&!l)throw
this.unexpected(null,o.braceL);let
c;if(a||l?(c=!1,this.parseExportFrom(e,a)):c=this.maybeParseExportDeclaration(e,a)||c)return
this.checkExport(e,!0,!1,!e.source),this.finishNode(e,\\\\"ExportNamedDeclaration\\\\");if(this.eat(o._default))return

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e.declaration=this.parseExportDefaultExpression(),this.checkExport(e,!0,!0),this.finishNode(e,\\\`ExportDefaultDec
laration\\\`);throw this.unexpected(null,o.braceL)}eatExportStar(e){return
this.eat(o.star)}maybeParseExportDefaultSpecifier(e){if(this.isExportDefaultSpecifier()){this.expectPlugin(\\\`expo
rtDefaultFrom\\\`);const t=this.startNode();return
t.exported=this.parseIdentifier(!0),e.specifiers=[this.finishNode(t,\\\`ExportDefaultSpecifier\\\`),!0]return!1}maybe
ParseExportNamespaceSpecifier(e){if(this.isContextual(\\\`as\\\`)){e.specifiers||(e.specifiers=[]);const
t=this.startNodeAt(this.state.lastTokStart,this.state.lastTokStartLoc);return
this.next(),t.exported=this.parseModuleExportName(),e.specifiers.push(this.finishNode(t,\\\`ExportNamespaceSpeci
fier\\\`)),!0}return!1}maybeParseExportNamedSpecifiers(e){return!!this.match(o.braceL)&&(e.specifiers||(e.specifi
ers=[]),e.specifiers.push(...this.parseExportSpecifiers()),e.source=null,e.declaration=null,!0)}maybeParseExportDecl
aration(e){return!!this.shouldParseExportDeclaration()&&(e.specifiers=[],e.source=null,e.declaration=this.parseExp
ortDeclaration(e,!0)}isAsyncFunction(){if(!this.isContextual(\\\`async\\\`))return!1;const
e=this.nextTokenStart();return!.test(this.input.slice(this.state.pos,e))&&this.isUnparsedContextual(e,\\\`function\\\`
)}parseExportDefaultExpression(){const
e=this.startNode(),t=this.isAsyncFunction();if(this.match(o._function)||t)return
this.next(),t&&this.next(),this.parseFunction(e,5,t);if(this.match(o._class))return
this.parseClass(e,!0,!0);if(this.match(o.at))return
this.hasPlugin(\\\`decorators\\\`)&&this.getPluginOption(\\\`decorators\\\`,\\\`decoratorsBeforeExport\\\`)&&this.rai
se(this.state.start,y.DecoratorBeforeExport),this.parseDecorators(!1),this.parseClass(e,!0,!0);if(this.match(o._const)||
this.match(o._var)||this.isLet())throw this.raise(this.state.start,y.UnsupportedDefaultExport);{const
e=this.parseMaybeAssignAllowIn();return this.semicolon(),e}}parseExportDeclaration(e){return
this.parseStatement(null)}isExportDefaultSpecifier(){if(this.match(o.name)){const
e=this.state.value;if(\\\`async\\\`===e&&!this.state.containsEsc||\\\`let\\\`===e)return!1;if(\\\`type\\\`===e||\\\`interf
ace\\\`===e)&&!this.state.containsEsc){const
e=this.lookahead();if(e.type===o.name&&\\\`from\\\`!==e.value||e.type===o.braceL)return
this.expectOnePlugin([\\\`flow\\\`,\\\`typescript\\\`],!1)}else if(!this.match(o._default))return!1;const
e=this.nextTokenStart(),t=this.isUnparsedContextual(e,\\\`from\\\`);if(44===this.input.charCodeAtAt(e)||this.match(o.
name)&&t)return!0;if(this.match(o._default)&&t){const
t=this.input.charCodeAtAt(this.nextTokenStartSince(e+4));return
34===t||39===t}return!1}parseExportFrom(e,t){if(this.eatContextual(\\\`from\\\`)){e.source=this.parseImportSourc
e(),this.checkExport(e);const t=this.maybeParseImportAssertions();t&&(e.assertions=t)}else
t?this.unexpected():e.source=null;this.semicolon()}shouldParseExportDeclaration(){if(this.match(o.at)&&(this.expe
ctOnePlugin([\\\`decorators\\\`,\\\`decorators-
legacy\\\`]),this.hasPlugin(\\\`decorators\\\`)))if(!this.getPluginOption(\\\`decorators\\\`,\\\`decoratorsBeforeExport
\\\`))return!0;this.unexpected(this.state.start,y.DecoratorBeforeExport)}return\\\`var\\\`===this.state.type.keyword||\\\`
const\\\`===this.state.type.keyword||\\\`function\\\`===this.state.type.keyword||\\\`class\\\`===this.state.type.keyw
ord||this.isLet()||this.isAsyncFunction()}checkExport(e,t,r,n){if(t)if(r){if(this.checkDuplicateExports(e,\\\`default\\\`
),this.hasPlugin(\\\`exportDefaultFrom\\\`)){var i;const
t=e.declaration;\\\`Identifier\\\`!==t.type||\\\`from\\\`!==t.name||t.end-t.start!==4||(null==(i=t.extra)?void
0:i.parentthesized)||this.raise(t.start,y.ExportDefaultFromAsIdentifier)}else
if(e.specifiers&&e.specifiers.length)for(let t=0,r=e.specifiers;t<r.length;t++){const
e=r[t],{exported:i}=e,s=\\\`Identifier\\\`===i.type?i.name:i.value;if(this.checkDuplicateExports(e,s,!n&&e.local){c
onst{local:t}=e;\\\`StringLiteral\\\`===t.type?this.raise(e.start,y.ExportBindingIsString,t.extra.raw,s):(this.checkRes
ervedWord(t.name,t.start,!0,!1),this.scope.checkLocalExport(t))}else
if(e.declaration)if(\\\`FunctionDeclaration\\\`===e.declaration.type||\\\`ClassDeclaration\\\`===e.declaration.type){c
onst t=e.declaration.id;if(!t)throw new Error(\\\`Assertion failure\\\`);this.checkDuplicateExports(e,t.name)}else
if(\\\`VariableDeclaration\\\`===e.declaration.type)for(let t=0,r=e.declaration.declarations;t<r.length;t++){const
e=r[t];this.checkDeclaration(e.id)}if(this.state.decoratorStack[this.state.decoratorStack.length-1].length)throw

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this.raise(e.start,y.UnsupportedDecoratorExport)}checkDeclaration(e){if(Identifier===e.type)this.checkDuplicateExports(e,e.name);else if(ObjectPattern===e.type)for(let t=0,r=e.properties;t<r.length;t++){const e=r[t];this.checkDeclaration(e)}else if(ArrayPattern===e.type)for(let t=0,r=e.elements;t<r.length;t++){const e=r[t];e&&this.checkDeclaration(e)}else if(ObjectProperty===e.type?this.checkDeclaration(e.value):RestElement===e.type?this.checkDeclaration(e.argument):AssignmentPattern===e.type&&this.checkDeclaration(e.left)}checkDuplicateExports(e,t){this.state.exportedIdentifiers.indexOf(t)>=1&&this.raise(e.start,Default===t?y.DuplicateDefaultExport:y.DuplicateExport,t),this.state.exportedIdentifiers.push(t)}parseExportSpecifiers(){const e=[];let t=!0;for(this.expect(o.braceL);!this.eat(o.braceR);){if(t)!!1;else if(this.expect(o.comma),this.eat(o.braceR))break;const r=this.startNode();r.local=this.parseModuleExportName(),r.exported=this.eatContextual(as)?this.parseModuleExportName():r.local.__clone(),e.push(this.finishNode(r,ExportSpecifier))}return e}parseModuleExportName(){if(this.match(o.string)){this.expectPlugin(moduleStringNames);const e=this.parseLiteral(this.state.value,StringLiteral),t=e.value.match(Ce);return t&&this.raise(e.start,y.ModuleExportNameHasLoneSurrogate,t[0].charCodeAt(0).toString(16)),e}return this.parseIdentifier(!0)}parseImport(e){if(e.specifiers=[],!this.match(o.string)){const t=!this.maybeParseDefaultImportSpecifier(e)||this.eat(o.comma),r=t&&this.maybeParseStarImportSpecifier(e);t&&r&&this.parseNamedImportSpecifiers(e),this.expectContextual(from)}e.source=this.parseImportSource();const t=this.maybeParseImportAssertions();if(t)e.assertions=t;else{const t=this.maybeParseModuleAttributes();t&&(e.attributes=t)}return this.semicolon(),this.finishNode(e,ImportDeclaration)}parseImportSource(){return this.match(o.string)||this.unexpected(),this.parseExprAtom()}shouldParseDefaultImport(e){return this.match(o.name)}parseImportSpecifierLocal(e,t,r,n){t.local=this.parseIdentifier(),this.checkLVal(t.local,9,void 0,n),e.specifiers.push(this.finishNode(t,r))}parseAssertEntries(){const e=[],t=new Set;do{if(this.match(o.braceR))break;const r=this.startNode(),n=this.state.value;if(this.match(o.string)?r.key=this.parseLiteral(n,StringLiteral):r.key=this.parseIdentifier(!0),this.expect(o.colon),type!==n&&this.raise(r.key.start,y.ModuleAttributeDifferentFromType,e,n),t.has(n)&&this.raise(r.key.start,y.ModuleAttributesWithDuplicateKeys,n),t.add(n,!this.match(o.string))throw this.unexpected(this.state.start,y.ModuleAttributeInvalidValue);r.value=this.parseLiteral(this.state.value,StringLiteral),this.finishNode(r,ImportAttribute),e.push(r)}while(this.eat(o.comma));return e}maybeParseModuleAttributes(){if(!this.match(o._with)||this.hasPrecedingLineBreak())return this.hasPlugin(moduleAttributes)?[]:null;this.expectPlugin(moduleAttributes),this.next();const e=[],t=new Set;do{const r=this.startNode();if(r.key=this.parseIdentifier(!0),type!==r.key.name&&this.raise(r.key.start,y.ModuleAttributeDifferentFromType,r.key.name),t.has(r.key.name)&&this.raise(r.key.start,y.ModuleAttributesWithDuplicateKeys,r.key.name),t.add(r.key.name),this.expect(o.colon),!this.match(o.string))throw this.unexpected(this.state.start,y.ModuleAttributeInvalidValue);r.value=this.parseLiteral(this.state.value,StringLiteral),this.finishNode(r,ImportAttribute),e.push(r)}while(this.eat(o.comma));return e}maybeParseImportAssertions(){if(!this.isContextual(assert)||this.hasPrecedingLineBreak())return this.hasPlugin(importAssertions)?[]:null;this.expectPlugin(importAssertions),this.next(),this.eat(o.braceL);const e=this.parseAssertEntries();return this.eat(o.braceR),e}maybeParseDefaultImportSpecifier(e){return!!this.shouldParseDefaultImport(e)&&(this.parseImportSpecifierLocal(e,this.startNode(),ImportDefaultSpecifier,DefaultImportSpecifier,!0)}maybeParseStarImportSpecifier(e){if(this.match(o.star)){const t=this.startNode();return this.next(),this.expectContextual(as),this.parseImportSpecifierLocal(e,t,ImportNamespaceSpecifier,ImportNamespaceSpecifier,!0)}return!1}parseNamedImportSpecifiers(e){let t=!0;for(this.expect(o.braceL);!this.eat(o.braceR);){if(t)!!1;else{if(this.eat(o.colon))throw this.raise(this.state.start,y.DestructureNamedImport);if(this.expect(o.comma),this.eat(o.braceR))break}this.parseImportSpecifier(e)}return this.parseImportSpecifier(e){const

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t=this.startNode();if(t.imported=this.parseModuleExportName(),this.eatContextual(\\\\"as\\\\"))t.local=this.parseIdentifier();else{const{imported:e}=t;if(\\\\"StringLiteral\\\\"===e.type)throw
this.raise(t.start,y.ImportBindingIsString,e.value);this.checkReservedWord(e.name,t.start,!0,!0),t.local=e.__clone()}t
his.checkLVal(t.local,9,void 0,\\\\"import
specifier\\\\"),e.specifiers.push(this.finishNode(t,\\\\"ImportSpecifier\\\\"))}{constructor(e,t){super(e=function(e){const
st t={};for(let r=0,n=Object.keys(he);r<n.length;r++){const i=n[r];t[i]=e&&null!=e[i]?e[i]:he[i]}return t}(e),t);const
r=this.getScopeHandler();this.options=e,this.inModule=\\\\"module\\\\"===this.options.sourceType,this.scope=new
r(this.raise.bind(this),this.inModule),this.prodParam=new re,this.classScope=new
ke(this.raise.bind(this)),this.expressionScope=new Ae(this.raise.bind(this)),this.plugins=function(e){const t=new
Map;for(let r=0;r<e.length;r++){const n=e[r],[i,s]=Array.isArray(n)?n:[n,{ }];t.has(i)||t.set(i,s){ }}return
t}(this.options.plugins),this.filename=e.sourceFilename}getScopeHandler(){return Z}parse(){let
e=0;this.hasPlugin(\\\\"topLevelAwait\\\\")&&this.inModule&&(e|=2),this.scope.enter(1),this.prodParam.enter(e);const
t=this.startNode(),r=this.startNode();return
this.nextToken(),t.errors=null,this.parseTopLevel(t,r),t.errors=this.state.errors,t}function _(e,t){let
r=De;return(null===e?void 0:e.plugins)&&(!function(e){if(oe(e,\\\\"decorators\\\\"))if(oe(e,\\\\"decorators-
legacy\\\\"))throw new Error(\\\\"Cannot use the decorators and decorators-legacy plugin together\\\\");const
t=le(e,\\\\"decorators\\\\"),\\\\"decoratorsBeforeExport\\\\"));if(null==t)throw new Error(\\\\"The 'decorators' plugin
requires a 'decoratorsBeforeExport' option, whose value must be a boolean. If you are migrating from
Babylon/Babel 6 or want to use the old decorators proposal, you should use the 'decorators-legacy' plugin instead of
'decorators'.\\\\"));if(\\\\"boolean\\\\"!=typeof t)throw new Error(\\\\"'decoratorsBeforeExport' must be a
boolean.\\\\"));if(oe(e,\\\\"flow\\\\"))&&oe(e,\\\\"typescript\\\\"))throw new Error(\\\\"Cannot combine flow and typescript
plugins.\\\\"));if(oe(e,\\\\"placeholders\\\\"))&&oe(e,\\\\"v8intrinsic\\\\"))throw new Error(\\\\"Cannot combine
placeholders and v8intrinsic
plugins.\\\\"));if(oe(e,\\\\"pipelineOperator\\\\"))&&!ce.includes(le(e,\\\\"pipelineOperator\\\\"),\\\\"proposal\\\\"))throw new
Error(\\\\"'pipelineOperator' requires 'proposal' option whose value should be one of:
\\\\"+ce.map(e=>`$ {e}`).join(\\\\" , \\\\"));if(oe(e,\\\\"moduleAttributes\\\\"))if(oe(e,\\\\"importAssertions\\\\"))throw new
Error(\\\\"Cannot combine importAssertions and moduleAttributes plugins.\\\\"));if(\\\\"may-
2020\\\\"!=le(e,\\\\"moduleAttributes\\\\"),\\\\"version\\\\"))throw new Error(\\\\"The 'moduleAttributes' plugin requires a
'version' option, representing the last proposal update. Currently, the only supported value is 'may-
2020'.\\\\"));if(oe(e,\\\\"recordAndTuple\\\\"))&&!pe.includes(le(e,\\\\"recordAndTuple\\\\"),\\\\"syntaxType\\\\"))throw
new Error(\\\\"'recordAndTuple' requires 'syntaxType' option whose value should be one of:
\\\\"+pe.map(e=>`$ {e}`).join(\\\\" , \\\\"))(e.plugins),r=function(e){const t=de.filter(t=>oe(e,t)),r=t.join(\\\\"^\\\\"");let
n=Le[r];if(!n){n=De;for(let e=0;e<t.length;e++){const r=t[e];n=ue[r](n)}Le[r]=n}return n}(e.plugins),new
r(e,t)const Le={};t.parse=function(e,t){var r;if(\\\\"unambiguous\\\\"!=!(null==(r=t)?void 0:r.sourceType))return
_e(t,e).parse();t=Object.assign({ },t);try{t.sourceType=\\\\"module\\\\";const
r=_e(t,e),n=r.parse();if(r.sawUnambiguousESM)return n;if(r.ambiguousScriptDifferentAst)try{return
t.sourceType=\\\\"script\\\\",_e(t,e).parse()}catch(e){ }else n.program.sourceType=\\\\"script\\\\";return
n}catch(r){try{return t.sourceType=\\\\"script\\\\",_e(t,e).parse()}catch(e){ }throw
r}},t.parseExpression=function(e,t){const r=_e(t,e);return
r.options.strictMode&&(r.state.strict!=!0),r.getExpression(),t.tokTypes=o,function(e,t,r){\\\\"use strict\\\\";const
n=r(130),i=Symbol(\\\\"max\\\\"),s=Symbol(\\\\"length\\\\"),a=Symbol(\\\\"lengthCalculator\\\\"),o=Symbol(\\\\"allowStal
e\\\\"),l=Symbol(\\\\"maxAge\\\\"),c=Symbol(\\\\"dispose\\\\"),p=Symbol(\\\\"noDisposeOnSet\\\\"),u=Symbol(\\\\"IruList\\\\"),d=Symbol(\\\\"cache\\\\"),h=Symbol(\\\\"updateAgeOnGet\\\\"),f=(=>1;const m=(e,t,r)=>{const
n=e[d].get(t);if(n){const t=n.value;if(y(e,t)){if(b(e,n),!e[o])return }else
r&&(e[h]&&(n.value.now=Date.now()),e[u].unshiftNode(n));return
t.value}},y=(e,t)=>{if(!t||t.maxAge&&!e[l])return!1;const r=Date.now()-t.now;return
t.maxAge>r?t.maxAge:e[l]&&r>e[l]},T=e=>{if(e[s]>e[i])for(let t=e[u].tail;e[s]>e[i]&&null!=t;){const
r=t.prev;b(e,t),t=r}},b=(e,t)=>{if(t){const r=t.value;e[c]&&e[c](r.key,r.value),e[s]-

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=r.length,e[d].delete(r.key),e[u].removeNode(t)};class
g{constructor(e,t,r,n,i){this.key=e,this.value=t,this.length=r,this.now=n,this.maxAge=i||0}}const S=(e,t,r,n)=>{let
i=r.value;y(e,i)&&(b(e,r),e[o]||i=void
0)),i&&t.call(n,i.value,i.key,e);e.exports=class{constructor(e){if(\\\\"number\\\\"==typeof
e&&(e={max:e}),e||(e={}),e.max&&(\\\\"number\\\\"!=typeof e.max||e.max<0))throw new TypeError(\\\\"max must
be a non-negative number\\\\"");this[i]=e.max||1/0;const t=e.length||f;if(this[a]=\\\\"function\\\\"!=typeof
t?f:t,this[o]=e.stale||1,e.maxAge&&(\\\\"number\\\\"!=typeof e.maxAge))throw new TypeError(\\\\"maxAge must be a
number\\\\"");this[l]=e.maxAge||0,this[c]=e.dispose,this[p]=e.noDisposeOnSet||1,this[h]=e.updateAgeOnGet||1,this.r
eset()}set max(e){if(\\\\"number\\\\"!=typeof e||e<0)throw new TypeError(\\\\"max must be a non-negative
number\\\\"");this[i]=e||1/0,T(this)}get max(){return this[i]}set allowStale(e){this[o]=!e}get allowStale(){return
this[o]}set maxAge(e){if(\\\\"number\\\\"!=typeof e)throw new TypeError(\\\\"maxAge must be a non-negative
number\\\\"");this[l]=e,T(this)}get maxAge(){return this[l]}set lengthCalculator(e){\\\\"function\\\\"!=typeof
e&&(e=f),e!=this[a]&&(this[a]=e,this[s]=0,this[u].forEach(e=>{e.length=this[a](e.value,e.key),this[s]+=e.length})
),T(this)}get lengthCalculator(){return this[a]}get length(){return this[s]}get itemCount(){return
this[u].length}rforEach(e,t){t=t||this;for(let r=this[u].tail,null!==(r;){const
n=r.prev;S(this,e,r,t),r=n}}forEach(e,t){t=t||this;for(let r=this[u].head,null!==(r;){const
n=r.next;S(this,e,r,t),r=n}}keys(){return this[u].toArray().map(e=>e.key)}values(){return
this[u].toArray().map(e=>e.value)}reset(){this[c]&&this[u]&&this[u].length&&this[u].forEach(e=>this[c](e.key,e
.value)),this[d]=new Map,this[u]=new n,this[s]=0}dump(){return
this[u].map(e=>!y(this,e)&&{k:e.key,v:e.value,e:e.now+(e.maxAge||0)}).toArray().filter(e=>e)}dumpLru(){return
this[u]}set(e,t,r){if((r=r||this[l])&&(\\\\"number\\\\"!=typeof r))throw new TypeError(\\\\"maxAge must be a
number\\\\"");const n=r?Date.now():0,o=this[a](t,e);if(this[d].has(e)){if(o>this[i])return b(this,this[d].get(e)),!1;const
a=this[d].get(e).value;return this[c]&&(this[p]||this[c](e,a.value)),a.now=n,a.maxAge=r,a.value=t,this[s]+=o-
a.length,a.length=o,this.get(e),T(this),!0}const h=new g(e,t,o,n,r);return
h.length>this[i]?(this[c]&&this[c](e,t),!1):(this[s]+=h.length,this[u].unshift(h),this[d].set(e,this[u].head),T(this),!0)
has(e){if(!this[d].has(e))return!1;const t=this[d].get(e).value;return!y(this,t)}get(e){return
m(this,e,!0)}peek(e){return m(this,e,!1)}pop(){const e=this[u].tail;return
e?(b(this,e),e.value):null}del(e){b(this,this[d].get(e))}load(e){this.reset();const t=Date.now();for(let r=e.length-
1;r>=0;r--){const n=e[r],i=n.e||0;if(0===i)this.set(n.k,n.v);else{const e=i-
t;e>0&&this.set(n.k,n.v,e)}}prune(){this[d].forEach((e,t)=>m(this,t,!1))}},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\"",{value:!0}),t.default=function(){throw Error(\\\\"Test Error
stack\\\\"")},t.SOURCE_STACK_FRAME_LINE_NUMBER=void
0;t.SOURCE_STACK_FRAME_LINE_NUMBER=12},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\"",{value:!0}),t.ForAwaitStatement=t.NumericLiteralTypeAnnotat
ion=t.ExistentialTypeParam=t.SpreadProperty=t.RestProperty=t.Flow=t.Pure=t.Generated=t.User=t.Var=t.BlockSco
ped=t.Referenced=t.Scope=t.Expression=t.Statement=t.BindingIdentifier=t.ReferencedMemberExpression=t.Referen
cedIdentifier=void 0;var n=function(e){if(e&&e.__esModule)return e;if(null===e||\\\\"object\\\\"!=typeof
e&&(\\\\"function\\\\"!=typeof e))return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if(\\\\"function\\\\"!=typeof WeakMap)return null;var e=new
WeakMap;return i=function(){return e},e}const
s={types:[\\\\"Identifier\\\\"],\\\\"JSXIdentifier\\\\"],checkPath(e,t){const{node:r,parent:i}=e;if(!n.isIdentifier(r,t)&&!n.is
JSXMemberExpression(i,t)){if(!n.isJSXIdentifier(r,t))return!1;if(n.react.isCompatTag(r.name))return!1}return
n.isReferenced(r,i,e.parentPath.parent)};t.ReferencedIdentifier=s;const
a={types:[\\\\"MemberExpression\\\\"],checkPath:({node:e,parent:t})=>n.isMemberExpression(e)&&n.isReferenced(
e,t)};t.ReferencedMemberExpression=a;const

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o={ types:[\\"Identifier\\"],checkPath(e){ const{ node:t,parent:r}=e,i=e.parentPath.parent;return
n.isIdentifier(t)&& n.isBinding(t,r,i) };t.BindingIdentifier=o;const
l={ types:[\\"Statement\\"],checkPath({ node:e,parent:t}){ if(n.isStatement(e)){ if(n.isVariableDeclaration(e)){ if(n.is
ForXStatement(t,{ left:e}))return!1;if(n.isForStatement(t,{ init:e}))return!1 }return!0}return!1 } };t.Statement=l;const
c={ types:[\\"Expression\\"],checkPath:e=>e.isIdentifier()?e.isReferencedIdentifier():n.isExpression(e.node);t.Exp
ression=c;const p={ types:[\\"Scopable\\",\\"Pattern\\"],checkPath:e=>n.isScope(e.node,e.parent);t.Scope=p;const
u={ checkPath:e=>n.isReferenced(e.node,e.parent) };t.Referenced=u;const
d={ checkPath:e=>n.isBlockScoped(e.node) };t.BlockScoped=d;const
h={ types:[\\"VariableDeclaration\\"],checkPath:e=>n.isVar(e.node) };t.Var=h;const
f={ checkPath:e=>e.node&&!e.node.loc };t.User=f;const m={ checkPath:e=>!e.isUser() };t.Generated=m;const
y={ checkPath:(e,t)=>e.scope.isPure(e.node,t) };t.Pure=y;const
T={ types:[\\"Flow\\",\\"ImportDeclaration\\",\\"ExportDeclaration\\",\\"ImportSpecifier\\"],checkPath:({ node:e
})=>!n.isFlow(e)|(n.isImportDeclaration(e)?\\"type\\"===e.importKind|\\"typeof\\"===e.importKind:n.isExport
Declaration(e)?\\"type\\"===e.exportKind:!!n.isImportSpecifier(e)&&(\\"type\\"===e.importKind|\\"typeof\\"=
===e.importKind)) };t.Flow=T;const
b={ types:[\\"RestElement\\"],checkPath:e=>e.parentPath&&e.parentPath.isObjectPattern() };t.RestProperty=b;cons
t
g={ types:[\\"RestElement\\"],checkPath:e=>e.parentPath&&e.parentPath.isObjectExpression() };t.SpreadProperty=
g;t.ExistentialTypeParam={ types:[\\"ExistsTypeAnnotation\\"];t.NumericLiteralTypeAnnotation={ types:[\\"Num
berLiteralTypeAnnotation\\"];const
S={ types:[\\"ForOfStatement\\"],checkPath:({ node:e })=>!0===e.await };t.ForAwaitStatement=S,function(e,t,r){\\
\\use strict\\";Object.defineProperty(t,\\"__esModule\\",{ value:!0}),t.default=function(e,t){ const
r=e.split(\\\\".\\");return e=>(0,i.default)(e,r,t) };var
n,i=(n=r(65))&&n.__esModule?n:{ default:n },function(e,t,r){\\\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{ value:!0}),t.default=function(e,t,r){ if(!0,n.isMemberExpressio
n(e))return!1;const i=Array.isArray(t)?t.split(\\\\".\\"),s=[];let
a;for(a=e;(0,n.isMemberExpression)(a);a=a.object)s.push(a.property);if(s.push(a),s.length<i.length)return!1;if(!r&&
s.length>i.length)return!1;for(let e=0,t=s.length-1;e<i.length;e++,t--){ const r=s[t];let
a;if((0,n.isIdentifier)(r))a=r.name;else{ if(!0,n.isStringLiteral)(r))return!1;a=r.value }if(i[e]!==a)return!1 }return!0};v
ar n=r(2),function(e,t){ e.exports=function(e,t){ return e===t||e!==e&&t!==t },function(e,t,r){ var
n=r(18),i=r(22);e.exports=function(e){ if(!i(e))return!1;var t=n(e);return\\"[object Function]\\\"===t|\\"[object
GeneratorFunction]\\\"===t|\\"[object AsyncFunction]\\\"===t|\\"[object Proxy]\\\"===t },function(e,t){ var
r=\\\\"object\\"===typeof global&&global&&global.Object===Object&&global;e.exports=r},function(e,t){ var
r=Function.prototype.toString;e.exports=function(e){ if(null===e){ try { return r.call(e) } catch(e) {} } try { return
e+\\\\"\\\" } catch(e) {} } return\\\\"\\\" },function(e,t,r){ var
n=r(71),i=r(66),s=Object.prototype.hasOwnProperty;e.exports=function(e,t,r){ var a=e[t];s.call(e,t)&&i(a,r)&&(void
0!==r||t in e)||n(e,t,r) },function(e,t,r){ var
n=r(171);e.exports=function(e,t,r){\\\\"__proto__\\"===t&&n?n(e,t,{ configurable:!0,enumerable:!0,value:r,writable:!
0}):e[t]=r },function(e,t,r){ var
n=r(173),i=r(174),s=r(43),a=r(73),o=r(177),l=r(178),c=Object.prototype.hasOwnProperty;e.exports=function(e,t){ v
ar
r=s(e),p=!r&&i(e),u=!r&&!p&&a(e),d=!r&&!p&&!u&&l(e),h=r||p||u||d,f=h?n(e.length,String):[],m=f.length;for(var
y in
e)!t&&!c.call(e,y)||h&&(\\\\"length\\"===y||u&&(\\\\"offset\\"===y||\\\\"parent\\"===y)||d&&(\\\\"buffer\\"===y||\\\\"byteL
ength\\"===y||\\\\"byteOffset\\"===y)||o(y,m)||f.push(y);return f },function(e,t,r){(function(e){ var
n=r(7),i=r(176),s=t&&!t.nodeType&&t,a=s&&\\\\"object\\"===typeof
e&&e&&!e.nodeType&&e,o=a&&a.exports===s?n.Buffer:void 0,l=(o?o.isBuffer:void
0)||i;e.exports=l}).call(this,r(31)(e)),function(e,t){ e.exports=function(e){ return\\\\"number\\"===typeof e&&e>

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1&&e%1==0&&e<=9007199254740991}},function(e,t){e.exports=function(e,t){return function(r){return
e(t(r))}},function(e,t,r){var n=r(67),i=r(74);e.exports=function(e){return
null!=e&&i(e.length)&&!n(e)},function(e,t){e.exports=function(){return[]}},function(e,t,r){var
n=r(79),i=r(47),s=r(46),a=r(77),o=Object.getOwnPropertySymbols?function(e){for(var t=[];e;n(t,s(e)),e=i(e);return
t):a:e.exports=o},function(e,t){e.exports=function(e,t){for(var r=-1,n=t.length,i=e.length;++r<n;)e[i+r]=t[r];return
e}},function(e,t,r){var n=r(79),i=r(43);e.exports=function(e,t,r){var s=t(e);return
i(e)?s:n(s,r(e))}},function(e,t,r){\\"use strict\\";let n=null;function i(e){if(null!==n&&(n.property,1)){const
e=n;return n-i.prototype=null,e}return n-i.prototype=null===e?Object.create(null):e,new
i}i(),e.exports=function(e){return i(e)},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=function(e,t){if(e===t)return!0;const
r=n.PLACEHOLDERS_ALIAS[e];if(r)for(const e of r)if(t===e)return!0;return!1};var n=r(5)},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.PLACEHOLDERS_FLIPPED_ALIAS=t.PLACE
HOLDERS_ALIAS=t.PLACEHOLDERS=void 0;var n=r(9);const
i=[\\"Identifier\\",\\"StringLiteral\\",\\"Expression\\",\\"Statement\\",\\"Declaration\\",\\"BlockStatement\\",\\"
\\ClassBody\\",\\"Pattern\\";t.PLACEHOLDERS=i;const
s={Declaration:[\\"Statement\\",Pattern:[\\"PatternLike\\",\\"LVal\\"];t.PLACEHOLDERS_ALIAS=s;for(const
e of i){const t=n.ALIAS_KEYS[e];(null===t?void 0:t.length)&&(s[e]=t)}const
a={};t.PLACEHOLDERS_FLIPPED_ALIAS=a,Object.keys(s).forEach(e=>{s[e].forEach(t=>{Object.hasOwnProp
erty.call(a,t)||a[t]=[],a[t].push(e)}))},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=function(e){return!(e!n.VISITOR_KEY
S[e.type]);var n=r(5)},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=function e(t){const
r={,i={,s=[],a=[];for(let o=0;o<t.length;o++){const
l=t[o];if(l&&!(a.indexOf(l)>=0)){if((0,n.isAnyTypeAnnotation)(l))return[l];if((0,n.isFlowBaseAnnotation)(l))i[l.typ
e]=l;else if((0,n.isUnionTypeAnnotation)(l))s.indexOf(l.types)<0&&(t=t.concat(l.types),s.push(l.types));else
if((0,n.isGenericTypeAnnotation)(l)){const t=l.id.name;if(r[t]){let
n=r[t];n.typeParameters?l.typeParameters&&(n.typeParameters.params=e(n.typeParameters.params.concat(l.typePar
ameters.params)):n=l.typeParameters}else r[t]=l}else a.push(l)}for(const e of Object.keys(i))a.push(i[e]);for(const
e of Object.keys(r))a.push(r[e]);return a};var n=r(2)},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=function(e,t,r){if(!r!e)return e;const
n=t+\\"Comments\\";e[n]?e[n]=\\"leading\\"===t?r.concat(e[n]):e[n].concat(r):e[n]=r;return
e}},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=function(e,t){(0,i.default)(\\"innerComme
nts\\",e,t);var n,i=(n=r(53))&&n.__esModule?n:{default:n}},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=function(e,t){(0,i.default)(\\"leadingCom
ments\\",e,t);var n,i=(n=r(53))&&n.__esModule?n:{default:n}},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=function(e,t){return(0,n.default)(e,t),(0,i.d
efault)(e,t),(0,s.default)(e,t),e};var n=a(r(90)),i=a(r(88)),s=a(r(87));function a(e){return
e&&e.__esModule?e:{default:e}},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=function(e,t){(0,i.default)(\\"trailingCom
ments\\",e,t);var n,i=(n=r(53))&&n.__esModule?n:{default:n}},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=function(e,t){if((0,n.isBlockStatement)(e))
return e;let
r=[];(0,n.isEmptyStatement)(e)?r=[]:(0,n.isStatement)(e)||(e=(0,n.isFunction)(t)?(0,i.returnStatement)(e):(0,i.expres
sionStatement)(e)),r=[e];return(0,i.blockStatement)(r)};var n=r(2),i=r(4)},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=function(e){e=e(e=(e+=\\"\\").replace(/
[^a-zA-Z0-9$_/g,\\\\"-\\").replace(/^-[-0-9]+/,\\\\"\\").replace(/[-\\s]+(.)?/g,(function(e,t){return
t?t.toUpperCase():\\\\"\\\"})),(0,i.default)(e)|(e=\\\\"_\\\"+e);return e}\\\\"_\\\"};var

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n,i=(n=r(23))&&n.__esModule?n:{default:n},function(e,t,r){use
strict};Object.defineProperty(t,("__esModule",{value:!0}),t.default=function(e,t){return(0,n.default)(e,i.default
,t),e};var n=s(r(94)),i=s(r(95));function s(e){return e&&e.__esModule?e:{default:e}},function(e,t,r){use
strict};Object.defineProperty(t,("__esModule",{value:!0}),t.default=function e(t,r,i){if(!t)return;const
s=n.VISITOR_KEYS[t.type];if(!s)return;r(t,i=i||{});for(const n of s){const s=t[n];if(Array.isArray(s))for(const t of
s)e(t,r,i);else e(s,r,i)};var n=r(5),function(e,t,r){use
strict};Object.defineProperty(t,("__esModule",{value:!0}),t.default=function(e,t){const
r=t.preserveComments?i:s;for(const t of r)null!=e[t]&&(e[t]=void 0);for(const t of
Object.keys(e))"_"===t[0]&&null!=e[t]&&(e[t]=void 0);const n=Object.getOwnPropertySymbols(e);for(const t
of n)e[t]=null};var n=r(13);const
i=["tokens","start","end","loc","raw","rawValue"],s=n.COMMENT_KEYS.concat(["comments"]).concat(i),function(e,t,r){use
strict};Object.defineProperty(t,("__esModule",{value:!0}),t.default=function(e){return(0,n.isVariableDeclarati
on)(e)&&("var"===e.kind||e[i.BLOCK_SCOPED_SYMBOL])};var
n=r(2),i=r(13)},function(e,t,r){e.exports=function(e){function t(e){let t=0;for(let r=0;r<e.length;r++)t=(t<<5)-
t+e.charCodeAtAt(r),t|=0;return n.colors[Math.abs(t)%n.colors.length]}function n(e){let r;function
a(...e){if(!a.enabled)return;const t=a,i=Number(new Date),s=i-
(r|i),t.diff=s,t.prev=r,t.curr=i,r=i,e[0]=n.coerce(e[0]),"string"!==typeof e[0]&&e.unshift("% O");let
o=0;e[0]=e[0].replace(/%([a-zA-Z%])/g,(r,i)=>{if("%%"===r)return r;o++;const
s=n.formatters[i];if("function"===typeof s){const n=e[o];r=s.call(t,n),e.splice(o,1),o--}return
r}),n.formatArgs.call(t,e),(t.log||n.log).apply(t,e)}return
a.namespace=e,a.enabled=n.enabled(e),a.useColors=n.useColors(),a.color=t(e),a.destroy=i,a.extend=s,"function"
===typeof n.init&&n.init(a),n.instances.push(a),a}function i(){const e=n.instances.indexOf(this);return-
1!==e&&(n.instances.splice(e,1),!0)}function s(e,t){const r=n(this.namespace+(void 0===t?"":":")+e);return
r.log=this.log,r}function a(e){return e.toString().substring(2,e.toString().length-
2).replace(/\s*\s*/g,/\s*\s*/)}return n.debug=n,n.default=n,n.coerce=function(e){if(e instanceof Error)return
e.stack|e.message;return e},n.disable=function(){const e=[...n.names.map(a),...n.skips.map(a).map(e=>"-"
+e)].join(" ");return n.enable(""),e},n.enable=function(e){let t;n.save(e),n.names=[],n.skips=[];const
r(("string"===typeof e?"":).split(/[\s,]+/),i=r.length;for(t=0;t<i;t++)r[t]&&("-"
===e?r[t].replace(/\s*/g,/\s*\s*/)[0]?n.skips.push(new
RegExp("^(?="+e.substr(1)+"$)")):n.names.push(new
RegExp("^(?="+e+"$)"));for(t=0;t<n.instances.length;t++){const
e=n.instances[t];e.enabled=n.enabled(e.namespace)}},n.enabled=function(e){if("*"===e[e.length-1])return!0;let
t,r;for(t=0,r=n.skips.length;t<r;t++)if(n.skips[t].test(e))return!1;for(t=0,r=n.names.length;t<r;t++)if(n.names[t].test(e
))return!0;return!1},n.humanize=r(257),Object.keys(e).forEach(t=>{n[t]=e[t]}),n.instances=[],n.names=[],n.skips=[
],n.formatters={},n.selectColor=t,n.enable(n.load(),n)},function(e,t){e.exports=require("tty"),function(e,t){e.e
xports=require("os"),function(e,t,r){use
strict};Object.defineProperty(t,("__esModule",{value:!0}),t.default=void 0;var
n=p(r(262)),i=p(r(17)),s=p(r(101)),a=p(r(312)),o=function(e){if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=c();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0)),l=r(38);function c(){if("function"!==typeof WeakMap)return null;var e=new
WeakMap;return c=function(){return e},e}function p(e){return e&&e.__esModule?e:{default:e}}const
u={For(e){for(const t of o.FOR_INIT_KEYS){const
r=e.get(t);if(r.isVar()){e.scope.getFunctionParent()||e.scope.getProgramParent().registerBinding("var",r)}},D
eclaration(e){if(e.isBlockScoped())return;if(e.isExportDeclaration())&&e.get("declaration").isDeclaration()retur
```

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n;(e.scope.getFunctionParent()||e.scope.getProgramParent()).registerDeclaration(e)},ReferencedIdentifier(e,t){ t.references.push(e)},ForXStatement(e,t){ const
r=e.get(\\\\"left\\\\"");(r.isPattern()||r.isIdentifier())&& t.constantViolations.push(e)},ExportDeclaration: {exit(e){ const{
node:t,scope:r }=e,n=t.declaration;if(o.isClassDeclaration(n)||o.isFunctionDeclaration(n)){ const
t=n.id;if(!t)return;const i=r.getBinding(t.name);i&&i.reference(e)}else if(o.isVariableDeclaration(n))for(const t of
n.declarations)for(const n of Object.keys(o.getBindingIdentifiers(t))){ const
t=r.getBinding(n);t&&t.reference(e)}},LabeledStatement(e){e.scope.getProgramParent().addGlobal(e.node),e.scope
e.getBlockParent().registerDeclaration(e)},AssignmentExpression(e,t){t.assignments.push(e)},UpdateExpression(e,t
){t.constantViolations.push(e)},UnaryExpression(e,t){\\\\"delete\\\\"===e.node.operator&&t.constantViolations.push(
e)},BlockScoped(e){ let
t=e.scope;if(t.path===e&&(t=t.parent),t.getBlockParent().registerDeclaration(e),e.isClassDeclaration())&&e.node.id
){ const t=e.node.id.name;e.scope.bindings[t]=e.scope.parent.getBinding(t)}},Block(e){ const
t=e.get(\\\\"body\\\\"");for(const r of
t)r.isFunctionDeclaration()&&e.scope.getBlockParent().registerDeclaration(r)},CatchClause(e){e.scope.registerBin
ding(\\\\"let\\\\" ,e)},Function(e){e.isFunctionExpression()&&e.has(\\\\"id\\\\" )&&!e.get(\\\\"id\\\\" ).node[o.NOT_LOCA
L_BINDING]&&e.scope.registerBinding(\\\\"local\\\\" ,e.get(\\\\"id\\\\" ),e);const t=e.get(\\\\"params\\\\" );for(const r of
t)e.scope.registerBinding(\\\\"param\\\\" ,r)},ClassExpression(e){e.has(\\\\"id\\\\" )&&!e.get(\\\\"id\\\\" ).node[o.NOT_LOC
AL_BINDING]&&e.scope.registerBinding(\\\\"local\\\\" ,e)};let d=0;class
h{ constructor(e){ const{ node:t }=e,r=l.scope.get(t);if((null==r?void 0:r.path)===e)return
r;l.scope.set(t,this),this.uid=d++,this.block=t,this.path=e,this.labels=new Map,this.inited=11 }get parent(){ const
e=this.path.findParent(e=>e.isScope());return null==e?void 0:e.scope}get parentBlock(){ return this.path.parent}get
hub(){ return this.path.hub}traverse(e,t,r){ (0,i.default)(e,t,this,r,this.path)}generateDeclaredUidIdentifier(e){ const
t=this.generateUidIdentifier(e);return this.push({ id:t}),o.cloneNode(t)}generateUidIdentifier(e){ return
o.identifier(this.generateUid(e))}generateUid(e=\\\\"temp\\\\" ){ let
t=e.o.toIdentifier(e).replace(/^_+/,\\\\"\\\\" ).replace(/[0-9]+$/g,\\\\"\\\\" );let
r=1;do{ t=this._generateUid(e,r),r++ }while(this.hasLabel(t)||this.hasBinding(t)||this.hasGlobal(t)||this.hasReference(t
));const n=this.getProgramParent();return n.references[t]=!0,n.uids[t]=!0,t _generateUid(e,t){ let r=e;return
t>1&&(r+=t),\\\\"_\\\\" +r}generateUidBasedOnNode(e,t){ const r=[];function e(t,r){ switch(null==t?void
0:t.type){ default:if(o.isModuleDeclaration(t))if(t.source)e(t.source,r);else
if(t.specifiers&&t.specifiers.length)for(const n of t.specifiers)e(n,r);else t.declaration&&e(t.declaration,r);else
o.isModuleSpecifier(t)?e(t.local,r):o.isLiteral(t)&&r.push(t.value);break;case\\\\"MemberExpression\\\\" :case\\\\"Optio
nalMemberExpression\\\\" :case\\\\"JSXMemberExpression\\\\" :e(t.object,r),e(t.property,r);break;case\\\\"Identifier\\\\" :c
ase\\\\"JSXIdentifier\\\\" :r.push(t.name);break;case\\\\"CallExpression\\\\" :case\\\\"OptionalCallExpression\\\\" :case\\\\"N
ewExpression\\\\" :e(t.callee,r);break;case\\\\"ObjectExpression\\\\" :case\\\\"ObjectPattern\\\\" :for(const n of
t.properties)e(n,r);break;case\\\\"SpreadElement\\\\" :case\\\\"RestElement\\\\" :e(t.argument,r);break;case\\\\"ObjectPrope
rty\\\\" :case\\\\"ObjectMethod\\\\" :case\\\\"ClassProperty\\\\" :case\\\\"ClassMethod\\\\" :case\\\\"ClassPrivateProperty\\\\" :ca
se\\\\"ClassPrivateMethod\\\\" :e(t.key,r);break;case\\\\"ThisExpression\\\\" :r.push(\\\\"this\\\\" );break;case\\\\"Super\\\\" :r.p
ush(\\\\"super\\\\" );break;case\\\\"Import\\\\" :r.push(\\\\"import\\\\" );break;case\\\\"DoExpression\\\\" :r.push(\\\\"do\\\\" );brea
k;case\\\\"YieldExpression\\\\" :r.push(\\\\"yield\\\\" ),e(t.argument,r);break;case\\\\"AwaitExpression\\\\" :r.push(\\\\"await\\
\\\"),e(t.argument,r);break;case\\\\"AssignmentExpression\\\\" :e(t.left,r);break;case\\\\"VariableDeclarator\\\\" :e(t.id,r);bre
ak;case\\\\"FunctionExpression\\\\" :case\\\\"FunctionDeclaration\\\\" :case\\\\"ClassExpression\\\\" :case\\\\"ClassDeclaratio
n\\\\" :case\\\\"PrivateName\\\\" :e(t.id,r);break;case\\\\"ParenthesizedExpression\\\\" :e(t.expression,r);break;case\\\\"Unary
Expression\\\\" :case\\\\"UpdateExpression\\\\" :e(t.argument,r);break;case\\\\"MetaProperty\\\\" :e(t.meta,r),e(t.property,r
);break;case\\\\"JSXElement\\\\" :e(t.openingElement,r);break;case\\\\"JSXOpeningElement\\\\" :r.push(t.name);break;cas
e\\\\"JSXFragment\\\\" :e(t.openingFragment,r);break;case\\\\"JSXOpeningFragment\\\\" :r.push(\\\\"Fragment\\\\" );break;
case\\\\"JSXNamespacedName\\\\" :e(t.namespace,r),e(t.name,r)}(e,r);let n=r.join(\\\\"$\\\\" );return
n=n.replace(/^_+/,\\\\"\\\\" )||t\\\\"ref\\\\" ,this.generateUid(n.slice(0,20))}generateUidIdentifierBasedOnNode(e,t){ return
o.identifier(this.generateUidBasedOnNode(e,t))}isStatic(e){ if(o.isThisExpression(e)||o.isSuper(e))return!0;if(o.isIde

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ntifier(e)){const t=this.getBinding(e.name);return
t?t.constant:this.hasBinding(e.name)}return!1}maybeGenerateMemoised(e,t){if(this.isStatic(e))return null;{const
r=this.generateUidIdentifierBasedOnNode(e);return
t:r:(this.push({id:r}),o.cloneNode(r))}checkBlockScopedCollisions(e,t,r,n){if(\\\\"param\\\\"===t)return;if(\\\\"local\\\\"
\\\\"===e.kind)return;if(\\\\"let\\\\"===t||\\\\"let\\\\"===e.kind||\\\\"const\\\\"===e.kind||\\\\"module\\\\"===e.kind||\\\\"param\\\\"
\\\\"===e.kind&&(\\\\"let\\\\"===t||\\\\"const\\\\"===t))throw this.hub.buildError(n,`Duplicate declaration
\\\\"${r}\\\\"`,TypeError)}rename(e,t,r){const i=this.getBinding(e);if(i)return
t=t||this.generateUidIdentifier(e).name,new
n.default(i,e,t).rename(r)}_renameFromMap(e,t,r,n){e[t]&&(e[r]=n,e[t]=null)}dump(){const e=\\\\"-
\\\\".repeat(60);console.log(e);let t=this;do{console.log(\\\\"#\\\\" ,t.block.type);for(const e of
Object.keys(t.bindings)){const r=t.bindings[e];console.log(\\\\" -
\\\\" ,e,{constant:r.constant,references:r.references,violations:r.constantViolations.length,kind:r.kind}})}while(t=t.par
ent);console.log(e)}toArray(e,t,r){if(o.isIdentifier(e)){const t=this.getBinding(e.name);if((null===t?void
0:t.constant)&&t.path.isGenericType(\\\\"Array\\\\"))return e}if(o.isArrayExpression(e))return
e;if(o.isIdentifier(e,{name:\\\\"arguments\\\\"}))return
o.callExpression(o.memberExpression(o.memberExpression(o.memberExpression(o.identifier(\\\\"Array\\\\"),o.identi
fier(\\\\"prototype\\\\")),o.identifier(\\\\"slice\\\\")),o.identifier(\\\\"call\\\\")),[e]);let n;const
i=[e];return!0===t?n=\\\\"toConsumableArray\\\\":t?(i.push(o.numericLiteral(t)),n=\\\\"slicedToArray\\\\"):n=\\\\"toArra
y\\\\" ,r&&(i.unshift(this.hub.addHelper(n)),n=\\\\"maybeArrayLike\\\\"),o.callExpression(this.hub.addHelper(n),i)}has
Label(e){return!!this.getLabel(e)}getLabel(e){return
this.labels.get(e)}registerLabel(e){this.labels.set(e.node.label.name,e)}registerDeclaration(e){if(e.isLabeledStateme
nt())this.registerLabel(e);else if(e.isFunctionDeclaration())this.registerBinding(\\\\"hoisted\\\\" ,e.get(\\\\"id\\\\"),e);else
if(e.isVariableDeclaration()){const t=e.get(\\\\"declarations\\\\"");for(const r of
t)this.registerBinding(e.node.kind,r)}else if(e.isClassDeclaration())this.registerBinding(\\\\"let\\\\" ,e);else
if(e.isImportDeclaration()){const t=e.get(\\\\"specifiers\\\\"");for(const e of t)this.registerBinding(\\\\"module\\\\" ,e)}else
if(e.isExportDeclaration()){const
t=e.get(\\\\"declaration\\\\"");(t.isClassDeclaration()||t.isFunctionDeclaration()||t.isVariableDeclaration())&&this.registe
rDeclaration(t)}else this.registerBinding(\\\\"unknown\\\\" ,e)}buildUndefinedNode(){return
o.unaryExpression(\\\\"void\\\\" ,o.numericLiteral(0),!0)}registerConstantViolation(e){const
t=e.getBindingIdentifiers();for(const r of Object.keys(t)){const
t=this.getBinding(r);t&&t.reassign(e)}registerBinding(e,t,r=t){if(!e)throw new ReferenceError(\\\\"no
`kind`\\\\"");if(t.isVariableDeclaration()){const r=t.get(\\\\"declarations\\\\"");for(const t of
r)this.registerBinding(e,t);return}const n=this.getProgramParent(),i=t.getOuterBindingIdentifiers(!0);for(const t of
Object.keys(i)){n.references[t]=!0;for(const n of i[t]){const
i=this.getOwnBinding(t);if(i){if(i.identifier===n)continue;this.checkBlockScopedCollisions(i,e,t,n)}i?this.registerC
onstantViolation(r):this.bindings[t]=new
s.default({identifier:n,scope:this,path:r,kind:e}})}addGlobal(e){this.globals[e.name]=e}hasUid(e){let
t=this;do{if(t.uids[e])return!0}while(t=t.parent);return!1}hasGlobal(e){let
t=this;do{if(t.globals[e])return!0}while(t=t.parent);return!1}hasReference(e){return!!this.getProgramParent().refere
nces[e]}isPure(e,t){if(o.isIdentifier(e)){const
r=this.getBinding(e.name);return!r&&(t||r.constant)}if(o.isClass(e))return!(e.superClass&&!this.isPure(e.superCla
ss,t))&&this.isPure(e.body,t);if(o.isClassBody(e)){for(const r of
e.body)if(!this.isPure(r,t))return!1;return!0}if(o.isBinary(e))return
this.isPure(e.left,t)&&this.isPure(e.right,t);if(o.isArrayExpression(e)){for(const r of
e.elements)if(!this.isPure(r,t))return!1;return!0}if(o.isObjectExpression(e)){for(const r of
e.properties)if(!this.isPure(r,t))return!1;return!0}if(o.isMethod(e))return!(e.computed&&!this.isPure(e.key,t))&&(\\\\"
get\\\\"!==e.kind&&\\\\"set\\\\"!==e.kind);if(o.isProperty(e))return!(e.computed&&!this.isPure(e.key,t))&&this.isPur
e(e.value,t);if(o.isUnaryExpression(e))return this.isPure(e.argument,t);if(o.isTaggedTemplateExpression(e))return

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o.matchesPattern(e.tag,\\\\"String.raw\\\\")&&!this.hasBinding(\\\\"String\\\\",!0)&&this.isPure(e.quasi,t);if(o.isTemplateLiteral(e)){for(const r of e.expressions)if(!this.isPure(r,t))return!1;return!0}return
o.isPureish(e)}setData(e,t){return this.data[e]=t}getData(e){let t=this;do{const r=t.data[e];if(null!=r)return
r}while(t=t.parent)}removeData(e){let
t=this;do{null!=t.data[e]&&(t.data[e]=null)}while(t=t.parent)}init(){this.inited||(this.inited=!0,this.crawl())}crawl(){
const
e=this.path;if(this.references=Object.create(null),this.bindings=Object.create(null),this.globals=Object.create(null),t
his.uids=Object.create(null),this.data=Object.create(null),e.isFunction()){e.isFunctionExpression()&&e.has(\\\\"id\\\\")
}&&!e.get(\\\\"id\\\\").node[o.NOT_LOCAL_BINDING]&&this.registerBinding(\\\\"local\\\\",e.get(\\\\"id\\\\"),e);const
t=e.get(\\\\"params\\\\");for(const e of t)this.registerBinding(\\\\"param\\\\",e)}const
t=this.getProgramParent();if(t.crawling)return;const
r={references:[],constantViolations:[],assignments:[]};this.crawling=!0,e.traverse(u,r),this.crawling=!1;for(const e
of r.assignments){const r=e.getBindingIdentifiers();for(const n of
Object.keys(r))e.scope.getBinding(n)||t.addGlobal(r[n]);e.scope.registerConstantViolation(e)}for(const e of
r.references){const r=e.scope.getBinding(e.node.name);r?r.reference(e):t.addGlobal(e.node)}for(const e of
r.constantViolations)e.scope.registerConstantViolation(e)}push(e){let
t=this.path;t.isBlockStatement()||t.isProgram()||(t=this.getBlockParent().path,t.isSwitchStatement()&&(t=(this.getF
unctionParent()||this.getProgramParent()).path),(t.isLoop()||t.isCatchClause()||t.isFunction())&&(t.ensureBlock()),t=t
.get(\\\\"body\\\\"));const
r=e.unique,n=e.kind|\\\\"var\\\\",i=null==e._blockHoist?2:e._blockHoist,s=`declaration:${n}:${i}`;let
a=!r&&t.getData(s);if(!a){const
e=o.variableDeclaration(n,[],e._blockHoist=i,[a]=t.unshiftContainer(\\\\"body\\\\",[e],r)||t.setData(s,a)}const
l=o.variableDeclarator(e.id,e.init);a.node.declarations.push(l),this.registerBinding(n,a.get(\\\\"declarations\\\\").pop())
}getProgramParent(){let e=this;do{if(e.path.isProgram())return e}while(e=e.parent);throw new Error(\\\\"Couldn't
find a Program\\\\")}getFunctionParent(){let e=this;do{if(e.path.isFunctionParent())return e}while(e=e.parent);return
null}getBlockParent(){let e=this;do{if(e.path.isBlockParent())return e}while(e=e.parent);throw new Error(\\\\"We
couldn't find a BlockStatement, For, Switch, Function, Loop or Program...\\\\")}getAllBindings(){const
e=Object.create(null);let t=this;do{for(const r of Object.keys(t.bindings))r in
e==!1&&(e[r]=t.bindings[r]);t=t.parent}while(t);return e}getAllBindingsOfKind(){const
e=Object.create(null);for(const t of arguments){let r=this;do{for(const n of Object.keys(r.bindings)){const
i=r.bindings[n];i.kind===t&&(e[n]=i)}r=r.parent}while(r)}return e}bindingIdentifierEquals(e,t){return
this.getBindingIdentifier(e)===t}getBinding(e){let t,r=this;do{const i=r.getOwnBinding(e);var
n;if(i)if(!(null==(n=t)?void 0:n.isPattern()))|\\\\"param\\\\"===i.kind)return
i;t=r.path}while(r=r.parent)}getOwnBinding(e){return this.bindings[e]}getBindingIdentifier(e){var t;return
null==(t=this.getBinding(e)?void 0:t.identifier)}getOwnBindingIdentifier(e){const t=this.bindings[e];return
null==t?void
0:t.identifier}hasOwnBinding(e){return!!this.getOwnBinding(e)}hasBinding(e,t){return!!e&&(!!this.hasOwnBindin
g(e)||(!this.parentHasBinding(e,t)||(!this.hasUid(e)||(!t||!h.globals.includes(e)||(!t||!h.contextVariables.includes(e))
)))}parentHasBinding(e,t){var r;return null==(r=this.parent)?void 0:r.hasBinding(e,t)}moveBindingTo(e,t){const
r=this.getBinding(e);r&&(r.scope.removeOwnBinding(e),r.scope=t,t.bindings[e]=r)}removeOwnBinding(e){delete
this.bindings[e]}removeBinding(e){var t;null==(t=this.getBinding(e))||t.scope.removeOwnBinding(e);let
r=this;do{r.uids[e]&&(r.uids[e]=!1)}while(r=r.parent)}t.default=h,h.globals=Object.keys(a.default.builtin),h.conte
xtVariables=[\\\\"arguments\\\\",\\\\"undefined\\\\",\\\\"Infinity\\\\",\\\\"NaN\\\\"],function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),t.default=void
0;t.default=class{constructor({identifier:e,scope:t,path:r,kind:n}){this.constantViolations=[],this.constant=!0,this.ref
erencePaths=[],this.referenced=!1,this.references=0,this.identifier=e,this.scope=t,this.path=r,this.kind=n,this.clearVa
lue()}deoptValue(){this.clearValue(),this.hasDeoptedValue=!0}setValue(e){this.hasDeoptedValue||(this.hasValue=!
0,this.value=e)}clearValue(){this.hasDeoptedValue=!1,this.hasValue=!1,this.value=null}reassign(e){this.constant=!

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1,-1===this.constantViolations.indexOf(e)&&this.constantViolations.push(e)}reference(e){-
1===this.referencePaths.indexOf(e)&&(this.referenced=!0,this.references++,this.referencePaths.push(e))}dereferen
ce(){this.references--,this.referenced=!this.references}}},function(e,t,r){\|"use
strict\|";Object.defineProperty(t,\|"__esModule\|",{value:!0}),t.default=function(e,t){const r=e.split(\|".\|"");return
e=>(0,n.default)(e,r,t)};var n=r(103)},function(e,t,r){\|"use
strict\|";Object.defineProperty(t,\|"__esModule\|",{value:!0}),t.default=function(e,t,r){if(!(0,n.isMemberExpressio
n)(e))return!1;const i=Array.isArray(t)?t.split(\|".\|""),s=[];let
a;for(a=e;(0,n.isMemberExpression)(a);a=a.object)s.push(a.property);if(s.push(a),s.length<i.length)return!1;if(!r&&
s.length>i.length)return!1;for(let e=0,t=s.length-1;e<i.length;e++,t--){const r=s[t];let
a;if((0,n.isIdentifier)(r))a=r.name;else
if((0,n.isStringLiteral)(r))a=r.value;else{if(!(0,n.isThisExpression)(r))return!1;a=\|"this\|"if(i[e]!==a)return!1}retu
rn!0};var n=r(1)},function(e,t,r){\|"use
strict\|";Object.defineProperty(t,\|"__esModule\|",{value:!0}),t.default=function(e,t){if(e===t)return!0;const
r=n.PLACEHOLDERS_ALIAS[e];if(r)for(const e of r)if(t===e)return!0;return!1};var n=r(6)},function(e,t,r){\|"use
strict\|";Object.defineProperty(t,\|"__esModule\|",{value:!0}),t.PLACEHOLDERS_FLIPPED_ALIAS=t.PLACE
HOLDERS_ALIAS=t.PLACEHOLDERS=void 0;var n=r(10);const
i=[\|"Identifier\|",\|"StringLiteral\|",\|"Expression\|",\|"Statement\|",\|"Declaration\|",\|"BlockStatement\|",\|
"ClassBody\|",\|"Pattern\|"];t.PLACEHOLDERS=i;const
s={Declaration:[\|"Statement\|"],Pattern:[\|"PatternLike\|",\|"LVal\|"]};t.PLACEHOLDERS_ALIAS=s;for(const
e of i){const t=n.ALIAS_KEYS[e];null!=t&&t.length&&(s[e]=t)}const
a={};t.PLACEHOLDERS_FLIPPED_ALIAS=a,Object.keys(s).forEach(e=>{s[e].forEach(t=>{Object.hasOwnProp
erty.call(a,t)||(a[t]=[]),a[t].push(e)}))},function(e,t,r){\|"use
strict\|";Object.defineProperty(t,\|"__esModule\|",{value:!0}),t.default=function(e){return!(e||n.VISITOR_KEY
S[e.type])};var n=r(6)},function(e,t,r){\|"use
strict\|";Object.defineProperty(t,\|"__esModule\|",{value:!0}),t.default=function e(t){const
r={},s={},a=[],o=[];for(let l=0;l<t.length;l++){const
c=t[l];if(c&&!(o.indexOf(c)>=0)){if((0,n.isAnyTypeAnnotation)(c))return[c];if((0,n.isFlowBaseAnnotation)(c))s[c.t
ype]=c;else if((0,n.isUnionTypeAnnotation)(c))a.indexOf(c.types)<0&&(t=t.concat(c.types),a.push(c.types));else
if((0,n.isGenericTypeAnnotation)(c)){const t=i(c.id);if(r[t]){let
n=r[t];n.typeParameters?c.typeParameters&&(n.typeParameters.params=e(n.typeParameters.params.concat(c.typePa
rameters.params)):n=c.typeParameters}else r[t]=c}else o.push(c)}}for(const e of
Object.keys(s))o.push(s[e]);for(const e of Object.keys(r))o.push(r[e]);return o};var n=r(1);function
i(e){return(0,n.isIdentifier)(e)?e.name:`${e.id.name}.${e.qualification}`},function(e,t,r){\|"use
strict\|";Object.defineProperty(t,\|"__esModule\|",{value:!0}),t.default=function(e,t,r){if(!r||e)return e;const
n=t+\|"Comments\|";e[n]?e[n]=\|"leading\|"\|===t?r.concat(e[n]):e[n].concat(r):e[n]=r;return
e}},function(e,t,r){\|"use
strict\|";Object.defineProperty(t,\|"__esModule\|",{value:!0}),t.default=function(e,t){(0,n.default)(\|"innerComme
nts\|",e,t)};var n=r(58)},function(e,t,r){\|"use
strict\|";Object.defineProperty(t,\|"__esModule\|",{value:!0}),t.default=function(e,t){(0,n.default)(\|"leadingCom
ments\|",e,t)};var n=r(58)},function(e,t,r){\|"use
strict\|";Object.defineProperty(t,\|"__esModule\|",{value:!0}),t.default=function(e,t){return(0,n.default)(e,t),(0,i.d
efault)(e,t),(0,s.default)(e,t),e};var n=r(112),i=r(110),s=r(109)},function(e,t,r){\|"use
strict\|";Object.defineProperty(t,\|"__esModule\|",{value:!0}),t.default=function(e,t){(0,n.default)(\|"trailingCom
ments\|",e,t)};var n=r(58)},function(e,t,r){\|"use
strict\|";Object.defineProperty(t,\|"__esModule\|",{value:!0}),t.default=function(e,t){if((0,n.isBlockStatement)(e))
return e;let
r=[];(0,n.isEmptyStatement)(e)?r=[]:((0,n.isStatement)(e))|(e=(0,n.isFunction)(t)?(0,i.returnStatement)(e):(0,i.expres
sionStatement)(e)),r=[e];return(0,i.blockStatement)(r)};var n=r(1),i=r(3)},function(e,t,r){\|"use

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strict";Object.defineProperty(t, "__esModule", { value: !0}), t.default = function (e) { e += "" }; let
t = ""; for (const r of e) t += (0, i.isIdentifierChar)(r.codePointAt(0)) ? r : "-"; t = t.replace(/^[0-
9]+/, ""); t = t.replace(/[-\s]+(\.)?/g, (function (e, t) { return
t ? t.toUpperCase() : "" })), (0, n.default)(t) || (t = "" + t); return t || "" }; var
n = r(24), i = r(19)}, function (e, t, r) { "use
strict"; Object.defineProperty(t, "__esModule", { value: !0}), t.default = function (e, t) { return (0, n.default)(e, i.default
), t, e }; var n = r(116), i = r(117)}, function (e, t, r) { "use
strict"; Object.defineProperty(t, "__esModule", { value: !0}), t.default = function (e, t, r, i) { if (!t) return; const
s = n.VISITOR_KEYS[t.type]; if (!s) return; r(t, i = i || {}); for (const n of s) { const s = t[n]; if (Array.isArray(s)) for (const t of
s) e(t, r, i); else e(s, r, i) }; var n = r(6)}, function (e, t, r) { "use
strict"; Object.defineProperty(t, "__esModule", { value: !0}), t.default = function (e, t = {}) { const
r = t.preserveComments ? i : s; for (const t of r) null != e[t] && (e[t] = void 0); for (const t of
Object.keys(e)) "" _ "" === t[0] && null != e[t] && (e[t] = void 0); const n = Object.getOwnPropertySymbols(e); for (const t
of n) e[t] = null }; var n = r(15); const
i = [ "tokens", "start", "end", "loc", "raw", "rawValue" ], s = n.COMMENT_KEYS.concat([ "com
ments" ]).concat(i), function (e, t, r) { "use
strict"; Object.defineProperty(t, "__esModule", { value: !0}), t.default = function (e) { return (0, n.isVariableDeclarati
on)(e) && ("var" !== e.kind || e[i.BLOCK_SCOPED_SYMBOL]) }; var n = r(1), i = r(15)}, function (e, t, r) { var
n = r(120), i = r(25), s = r(121).ArraySet, a = r(318).MappingList; function
o(e) { e || (e = {}), this._file = i.getArg(e, "file", null), this._sourceRoot = i.getArg(e, "sourceRoot", null), this._skipVa
lidation = i.getArg(e, "skipValidation", !1), this._sources = new s, this._names = new s, this._mappings = new
a, this._sourcesContents = null } o.prototype._version = 3, o.fromSourceMap = function (e) { var t = e.sourceRoot, r = new
o({ file: e.file, sourceRoot: t }); return e.eachMapping((function (e) { var
n = { generated: { line: e.generatedLine, column: e.generatedColumn }; null != e.source && (n.source = e.source, null != t &&
(n.source = i.relative(t, n.source)), n.original = { line: e.originalLine, column: e.originalColumn }, null != e.name && (n.name
= e.name)), r.addMapping(n) })), e.sources.forEach((function (t) { var
n = e.sourceContentFor(t); null != n && r.setSourceContent(t, n) })), r.o.prototype.addMapping = function (e) { var
t = i.getArg(e, "generated"), r = i.getArg(e, "original", null), n = i.getArg(e, "source", null), s = i.getArg(e, "nam
e", null); this._skipValidation || this._validateMapping(t, r, n, s), null != n && (n = String(n), this._sources.has(n) || this._sour
ces.add(n)), null != s && (s = String(s), this._names.has(s) || this._names.add(s)), this._mappings.add({ generatedLine: t.line
, generatedColumn: t.column, originalLine: null != r && r.line, originalColumn: null != r && r.column, source: n, name: s })), o
.prototype.setSourceContent = function (e, t) { var
r = e; null != this._sourceRoot && (r = i.relative(this._sourceRoot, r)), null != t ? (this._sourcesContents || (this._sourcesConten
ts = Object.create(null)), this._sourcesContents[i.toSetString(r)] = t): this._sourcesContents && (delete
this._sourcesContents[i.toSetString(r)], 0 === Object.keys(this._sourcesContents).length && (this._sourcesContents = n
ull)), o.prototype.applySourceMap = function (e, t, r) { var n = t; if (null == t) { if (null == e.file) throw new
Error('SourceMapGenerator.prototype.applySourceMap requires either an explicit source file, or the source map' 's
'file' property. Both were omitted. '); n = e.file } var a = this._sourceRoot; null != a && (n = i.relative(a, n)); var o = new
s, l = new s; this._mappings.unsortedForEach((function (t) { if (t.source === n && null != t.originalLine) { var
s = e.originalPositionFor({ line: t.originalLine, column: t.originalColumn }); null != s.source && (t.source = s.source, null != r
&& (t.source = i.join(r, t.source)), null != a && (t.source = i.relative(a, t.source)), t.originalLine = s.line, t.originalColumn = s.c
olumn, null != s.name && (t.name = s.name)) } var c = t.source; null == c || o.has(c) || o.add(c); var
p = t.name; null == p || l.has(p) || l.add(p) }, this), this._sources = o, this._names = l, e.sources.forEach((function (t) { var
n = e.sourceContentFor(t); null != n && (null != r && (t = i.join(r, t)), null != a && (t = i.relative(a, t)), this.setSourceContent(t, n
)), this })), o.prototype._validateMapping = function (e, t, r, n) { if (t && "" number "" != typeof
t.line && "" number "" != typeof t.column) throw new Error("" original.line and original.column are not numbers --
you probably meant to omit the original mapping entirely and only map the generated position. If so, pass null for
the original mapping instead of an object with empty or null values."); if (!(e && "" line "" in e && "" column "" in

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e&&e.line>0&&e.column>=0)||t|r|n)&&!(e&&\\\\"line\\\\"in e&&\\\\"column\\\\"in e&&t&&\\\\"line\\\\"in
t&&\\\\"column\\\\"in t&&e.line>0&&e.column>=0&&t.line>0&&t.column>=0&&r))throw new Error(\\\\"Invalid
mapping:
\\\\"+JSON.stringify({generated:e,source:r,original:t,name:n})),o.prototype._serializeMappings=function(){for(var
e,t,r,s,a=0,o=1,l=0,c=0,p=0,u=0,d=\\\\"\\\\"",h=this._mappings.toArray(),f=0,m=h.length;f<m;f++){if(e=\\\\"\\\\"",t=h[f])
.generatedLine!==o)for(a=0;t.generatedLine!==o;e+=\\\\"\\\\"",o++);else
if(f>0){if(!i.compareByGeneratedPositionsInflated(t,h[f-1]))continue;e+=\\\\"\\\\"",e+=n.encode(t.generatedColumn-
a),a=t.generatedColumn,null!=t.source&&(s=this._sources.indexOf(t.source),e+=n.encode(s-
u),u=s,e+=n.encode(t.originalLine-1-c),c=t.originalLine-1,e+=n.encode(t.originalColumn-
l),l=t.originalColumn,null!=t.name&&(r=this._names.indexOf(t.name),e+=n.encode(r-p),p=r)),d+=e}return
d},o.prototype._generateSourcesContent=function(e,t){return e.map((function(e){if(!this._sourcesContents)return
null>null!=t&&(e=i.relative(t,e));var r=i.toSetString(e);return
Object.prototype.hasOwnProperty.call(this._sourcesContents,r)?this._sourcesContents[r]:null}),this)},o.prototype.to
JSON=function(){var
e={version:this._version,sources:this._sources.toArray(),names:this._names.toArray(),mappings:this._serializeMapp
ings()};return
null!=this._file&&(e.file=this._file),null!=this._sourceRoot&&(e.sourceRoot=this._sourceRoot),this._sourcesConte
nts&&(e.sourcesContent=this._generateSourcesContent(e.sources,e.sourceRoot)),e},o.prototype.toString=function()
{return JSON.stringify(this.toJSON())},t.SourceMapGenerator=o,function(e,t,r){var
n=r(317);t.encode=function(e){var t,r=\\\\"\\\\"",i=function(e){return e<0?1+(-
e<<1):0+(e<<1)}(e);do{t=31&i,(i>>>=5)>0&&(t|=32),r+=n.encode(t)}while(i>0);return
r},t.decode=function(e,t,r){var i,s,a,o,l=e.length,c=0,p=0;do{if(t>=l)throw new Error(\\\\"Expected more digits in
base 64 VLQ value.\\\\"");if(-1===s=(n.decode(e.charCodeAt(t++))))throw new Error(\\\\"Invalid base64 digit:
\\\\"+e.charAt(t-1));i=!(32&s),c+=(s&=31)<<p,p+=5}while(i);r.value=(o=(a=c)>>1,l==(1&a)?-
o:o),r.rest=t}},function(e,t,r){var n=r(25),i=Object.prototype.hasOwnProperty,s=\\\\"undefined\\\\"!=typeof
Map;function a(){this._array=[],this._set=s?new Map:Object.create(null)}a.fromArray=function(e,t){for(var r=new
a,n=0,i=e.length;n<i;n++)r.add(e[n],t);return r},a.prototype.size=function(){return
s?this._set.size:Object.getOwnPropertyNames(this._set).length},a.prototype.add=function(e,t){var
r=s?e.n.toSetString(e),a=s?this.has(e):i.call(this._set,r),o=this._array.length;a&&!t[this._array.push(e),a](s?this._set.
set(e,o):this._set[r]=o)},a.prototype.has=function(e){if(s)return this._set.has(e);var t=n.toSetString(e);return
i.call(this._set,t)},a.prototype.indexOf=function(e){if(s){var t=this._set.get(e);if(t>=0)return t}else{var
r=n.toSetString(e);if(i.call(this._set,r))return this._set[r]}throw new Error(\\\\""+e+\\\\" is not in the
set.'),a.prototype.at=function(e){if(e>=0&&e<this._array.length)return this._array[e];throw new Error(\\\\"No
element indexed by \\\\"+e)},a.prototype.toArray=function(){return
this._array.slice()},t.ArraySet=a},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\"",{value:!0}),t.needsWhitespace=h,t.needsWhitespaceBefore=fun
ction(e,t){return h(e,t,\\\\"before\\\\")},t.needsWhitespaceAfter=function(e,t){return
h(e,t,\\\\"after\\\\")},t.needsParens=function(e,t,r){if(!t)return!1;if(s.isNewExpression(t)&&t.callee===e&&function
e(t){if(s.isCallExpression(t))return!0;return s.isMemberExpression(t)&&e(t.object)}(e))return!0;return
d(c,e,t,r)};var n=o(r(325)),i=o(r(326)),s=o(r(0));function a(){if(\\\\"function\\\\"!=typeof WeakMap)return null;var
e=new WeakMap;return a=function(){return e},e}function o(e){if(e&&e.__esModule)return
e;if(null===e||\\\\"object\\\\"!=typeof e&&\\\\"function\\\\"!=typeof e)return{default:e};var t=a();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get|s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}return
r.default=e,t&&t.set(e,r),r}function l(e){const t={};function r(e,r){const n=t[e];t[e]=n?function(e,t,i){const
s=n(e,t,i);return null===s?r(e,t,i):s}:r}for(const t of Object.keys(e)){const
n=s.FLIPPED_ALIAS_KEYS[t];if(n)for(const i of n)r(i,e[t]);else r(t,e[t])}return t}const

```

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c=l(i),p=l(n.nodes),u=l(n.list);function d(e,t,r,n){const i=e[t.type];return i?i(t,r,n):null}function h(e,t,r){if(!e)return
0;s.isExpressionStatement(e)&&(e=e.expression);let n=d(p,e,t);if(!n){const i=d(u,e,t);if(i)for(let
t=0;t<i.length&&(n=h(i[t],e,r),!n);t++);}return"object"===typeof
n&&null!==(n&&n[r]||0)},function(e,t,r){"use
strict";Object.defineProperty(t, "__esModule", { value: !0 }), t.ImportSpecifier=function(e){"type"!==e.import
Kind&&"typeof"!==e.importKind||(this.word(e.importKind),this.space());this.print(e.imported,e),e.local&&e.l
ocal.name!==e.imported.name&&(this.space(),this.word("as"),this.space(),this.print(e.local,e))},t.ImportDefault
Specifier=function(e){this.print(e.local,e)},t.ExportDefaultSpecifier=function(e){this.print(e.exported,e)},t.ExportS
pecifier=function(e){this.print(e.local,e),e.exported&&e.local.name!==e.exported.name&&(this.space(),this.word(\
"as"),this.space(),this.print(e.exported,e))},t.ExportNamespaceSpecifier=function(e){this.token(".*"),this.spac
e(),this.word("as"),this.space(),this.print(e.exported,e)},t.ExportAllDeclaration=function(e){this.word("export
"),this.space(),"type"===e.exportKind&&(this.word("type"),this.space());this.token(".*"),this.space(),t
his.word("from"),this.space(),this.print(e.source,e),this.printAssertions(e),this.semicolon(),t.ExportNamedDecl
aration=function(e){this.format.decoratorsBeforeExport&&n.isClassDeclaration(e.declaration)&&this.printJoin(e.d
eclaration.decorators,e);this.word("export"),this.space(),s.apply(this,arguments)},t.ExportDefaultDeclaration=fu
nction(e){this.format.decoratorsBeforeExport&&n.isClassDeclaration(e.declaration)&&this.printJoin(e.declaration.
decorators,e);this.word("export"),this.space(),this.word("default"),this.space(),s.apply(this,arguments)},t.Im
portDeclaration=function(e){var
t,this.word("import"),this.space(),"type"===e.importKind||"typeof"===e.importKind&&(this.word(e.i
mportKind),this.space());const r=e.specifiers.slice(0);if(null==r?void 0:r.length){for(;;){const
t=r[0];if(!n.isImportDefaultSpecifier(t)&&!n.isImportNamespaceSpecifier(t))break;this.print(r.shift(),e),r.length&&
(this.token(",",this.space()))r.length&&(this.token("{"),this.space(),this.printList(r,e),this.space(),this.token
("}"),this.space(),this.word("from"),this.space())this.print(e.source,e),this.printAssertions(e),(null==(t=e.att
ributes)?void
0:t.length)&&(this.space(),this.word("with"),this.space(),this.printList(e.attributes,e));this.semicolon(),t.Import
Attribute=function(e){this.print(e.key),this.token(":"),this.space(),this.print(e.value)},t.ImportNamespaceSpecifi
er=function(e){this.token(".*"),this.space(),this.word("as"),this.space(),this.print(e.local,e)};var
n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=i;if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get|a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if("function"!==typeof WeakMap)return null;var e=new
WeakMap;return i=function(){return e},e}function s(e){if(e.declaration){const
t=e.declaration;this.print(t,e),n.isStatement(t)||this.semicolon()}else{"type"===e.exportKind&&(this.word("ty
pe"),this.space());const t=e.specifiers.slice(0);let r=!1;for(;;){const
i=t[0];if(!n.isExportDefaultSpecifier(i)&&!n.isExportNamespaceSpecifier(i))break;r=!0,this.print(t.shift(),e),t.length
&&(this.token(",",this.space()))(t.length|!t.length&&r)&&(this.token("{"),t.length&&(this.space(),this.pri
ntList(t,e),this.space()),this.token("}"),e.source&&(this.space(),this.word("from"),this.space(),this.print(e.s
ource,e),this.printAssertions(e)),this.semicolon()}}},function(e,t,r){"use
strict";Object.defineProperty(t, "__esModule", { value: !0 }), t.Identifier=function(e){this.exactSource(e.loc,()=>>
{this.word(e.name)}}),t.ArgumentPlaceholder=function(){this.token("??")},t.SpreadElement=t.RestElement=function(e){const
t=e.properties;this.token("{"),this.printInnerComments(e),t.length&&(this.space(),this.printList(t,e,{indent:!0,st
atement:!0}),this.space());this.token("}"),t.ObjectMethod=function(e){this.printJoin(e.decorators,e),this._meth
odHead(e),this.space(),this.print(e.body,e)},t.ObjectProperty=function(e){if(this.printJoin(e.decorators,e),e.compute
d)this.token("[",this.print(e.key,e),this.token("]");}else{if(i.isAssignmentPattern(e.value)&&i.isIdentifier(e.
key)&&e.key.name===e.value.left.name)return void

```



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this.print(e.value,e);if(this.print(e.key,e),e.shorthand&&i.isIdentifier(e.key)&&i.isIdentifier(e.value)&&e.key.name
===e.value.name)return }this.token("\\":\\""),this.space(),this.print(e.value,e),t.ArrayPattern=t.ArrayExpression=function(e){const t=e.elements,r=t.length;this.token("\\[[\\""),this.printInnerComments(e);for(let
n=0;n<t.length;n++){const i=t[n];i?(n>0&&this.space(),this.print(i,e),n<r-
1&&this.token("\\",\\"")):this.token("\\",\\"")}this.token("\\]"]\\""),t.RecordExpression=function(e){const
t=e.properties;let
r,n;if(\\\\"bar\\\\"===this.format.recordAndTupleSyntaxType)r=\\\\"{[\\\\" ,n=\\\\""}\\\\"";else{if(\\\\"hash\\\\"!==this.format.r
ecordAndTupleSyntaxType)throw new Error(`The \\\\"recordAndTupleSyntaxType\\\\" generator option must be
\\\\"bar\\\\" or \\\\"hash\\\\" (${JSON.stringify(this.format.recordAndTupleSyntaxType)}
received).`);r=\\\\"#{[\\\\" ,n=\\\\""}\\\\""}this.token(r),this.printInnerComments(e),t.length&&(this.space(),this.printList(t,e
,{indent:!0,statement:!0}),this.space());this.token(n),t.TupleExpression=function(e){const
t=e.elements,r=t.length;let
n,i;if(\\\\"bar\\\\"===this.format.recordAndTupleSyntaxType)n=\\\\"[\\\\" ,i=\\\\""]\\\\"";else{if(\\\\"hash\\\\"!==this.format.re
cordAndTupleSyntaxType)throw new Error(this.format.recordAndTupleSyntaxType+\\\\" is not a valid
recordAndTuple syntax type\\\\"");n=\\\\"#{[\\\\" ,i=\\\\""]\\\\""}this.token(n),this.printInnerComments(e);for(let
n=0;n<t.length;n++){const i=t[n];i&&(n>0&&this.space(),this.print(i,e),n<r-
1&&this.token("\\",\\""))}this.token(i),t.RegExpLiteral=function(e){this.word(/${e.pattern}/${e.flags}`)},t.Boolea
nLiteral=function(e){this.word(e.value?"true\\\\"":\\"false\\\\"")},t.NullLiteral=function(){this.word(\\\\"null\\\\"")},t.Nu
mericLiteral=function(e){const
t=this.getPossibleRaw(e),r=this.format.jsescOption,n=e.value+\\\\"\\\\"";r.numbers?this.number((0,s.default)(e.value,r)
):null==t?this.number(n):this.format.minified?this.number(t.length<n.length?t:n):this.number(t)},t.StringLiteral=function(e){const t=this.getPossibleRaw(e);if(!this.format.minified&&null!=t)return void this.token(t);const
r=this.format.jsescOption;this.format.jsonCompatibleStrings&&(r.json=!0);const n=(0,s.default)(e.value,r);return
this.token(n),t.BigIntLiteral=function(e){const t=this.getPossibleRaw(e);if(!this.format.minified&&null!=t)return
void this.token(t);this.token(e.value+\\\\"n\\\\"")},t.DecimalLiteral=function(e){const
t=this.getPossibleRaw(e);if(!this.format.minified&&null!=t)return void
this.token(t);this.token(e.value+\\\\"m\\\\"")},t.PipelineTopicExpression=function(e){this.print(e.expression,e)},t.PipelineBareFunction=function(e){this.print(e.callee,e)},t.PipelinePrimaryTopicReference=function(){this.token(\\\\"#\\\\"")
};var n,i=function(e){if(e&&e.__esModule)return e;if(null===e||\\\\"object\\\\"!=typeof e&&\\\\"function\\\\"!=typeof
e)return {default:e};var t=a();if(t&&t.has(e))return t.get(e);var
r={ },n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get|s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0)),s=(n=r(333))&&n.__esModule?n:{default:n};function a(){if(\\\\"function\\\\"!=typeof
WeakMap)return null;var e=new WeakMap;return a=function(){return e},e},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\"",{value:!0}),t.codeFrameColumns=o,t.default=function(e,t,r,n={
}){if(!s){s=!0;const e=\\\\"Passing lineNumber and colNumber is deprecated to @babel/code-frame. Please use
`codeFrameColumns`.\\\\"";if(process.emitWarning)process.emitWarning(e,\\\\"Deprecation Warning\\\\"");else{new
Error(e).name=\\\\"Deprecation Warning\\\\" ,console.warn(new Error(e))} }return
r=Math.max(r,0),o(e,{ start: { column:r,line:t } },n)};var n=function(e){if(e&&e.__esModule)return
e;if(null===e||\\\\"object\\\\"!=typeof e&&\\\\"function\\\\"!=typeof e)return {default:e};var t=i();if(t&&t.has(e))return
t.get(e);var r={ },n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get|a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(343));function i(){if(\\\\"function\\\\"!=typeof WeakMap)return null;var e=new
WeakMap;return i=function(){return e},e}let s=!1;const a=^/r/[\\n/\\r/\\u2028/\\u2029]/;function
o(e,t,r={ }){const
i=(r.highlightCode|r.forceColor)&&(0,n.shouldHighlight)(r),s=(0,n.getChalk)(r),o=function(e){return { gutter:e.grey,

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marker:e.red.bold,message:e.red.bold }}(s,l=(e,t)=>i?e(t):t,c=e.split(a),{start:p,end:u,markerLines:d}=function(e,t,r)
{const n=Object.assign({column:0,line:-
1},e.start),i=Object.assign({},n,e.end),{linesAbove:s=2,linesBelow:a=3}=r||{} ,o=n.line,l=n.column,c=i.line,p=i.colu
mn;let u=Math.max(o-(s+1),0),d=Math.min(t.length,c+a);-1===o&&(u=0),-1===c&&(d=t.length);const h=c-
o,f={};if(h)for(let e=0;e<=h;e++){const r=e+o;if(0===e){const e=t[r-1].length;f[r]=[e-1]}else
if(e===h)f[r]=[0,p];else{const n=t[r-e].length;f[r]=[0,n]}else f[r]=!0}else f[o]=l===p?!|[1,0]:[1,p-
1];return{start:u,end:d,markerLines:f}}(t,c,r),h=t.start&&"number"==typeof t.start.column,f=String(u).length;let
m=(i?(0,n.default)(e,r):e).split(a).slice(p,u).map((e,t)=>{const n=p+1+t,i=` ${("\\ " +n).slice(-f)}
| ,s=d[n],a=!d[n+1];if(s){let t="\\ ";if(Array.isArray(s)){const n=e.slice(0,Math.max(s[0]-
1,0)).replace(/^(\\t/g, "\\ "),c=s[1]|1;t=["\\n \\ ",l(o.gutter,i.replace(/^(\\d/g, "\\ ")), "\\
\\ ",n,l(o.marker, "\\ ^").repeat(c)).join("\\ \\ " ),a&&r.message&&(t+= "\\
\\ "+l(o.message,r.message))}return[l(o.marker, "\\ >"),l(o.gutter,i),e.length>0?" \\
\\ "+e:" \\ \\ ",t].join("\\ \\ ")return` ${l(o.gutter,i)} ${e.length>0?" \\ \\ "+e:" \\ \\ \\ "}.join("\\ \\ \\n \\ ");return
r.message&&lh&&(m=` ${ "\\ " .repeat(f+1)} ${r.message} \\ \\n $ {m} `),i?s.reset(m):m },function(e,t,r){var
n=r(349),i={};for(var s in n)n.hasOwnProperty(s)&&(i[n[s]]=s);var
a=e.exports={rgb:{channels:3,labels:"\\ rgb\\ "},hsl:{channels:3,labels:"\\ hsl\\ "},hsv:{channels:3,labels:"\\ hsv\\ "},
hwb:{channels:3,labels:"\\ hwb\\ "},cmyk:{channels:4,labels:"\\ cmyk\\ "},xyz:{channels:3,labels:"\\ xyz\\ "},lab:{c
hannels:3,labels:"\\ lab\\ "},lch:{channels:3,labels:"\\ lch\\ "},hex:{channels:1,labels:["\\ hex\\ "]},keyword:{channel
s:1,labels:["\\ keyword\\ "]},ansi16:{channels:1,labels:["\\ ansi16\\ "]},ansi256:{channels:1,labels:["\\ ansi256\\ "]},
hcg:{channels:3,labels:["\\ h\\ ", "\\ c\\ ", "\\ g\\ "]},apple:{channels:3,labels:["\\ r16\\ ", "\\ g16\\ ", "\\ b16\\ "]},gray:{
channels:1,labels:["\\ gray\\ "]};for(var o in a)if(a.hasOwnProperty(o)){if(!("channels" in a[o]))throw new
Error("missing channels property: \\ "+o);if(!("labels" in a[o]))throw new Error("missing channel labels
property: \\ "+o);if(a[o].labels.length!==a[o].channels)throw new Error("channel and label counts mismatch:
\\ "+o);var l=a[o].channels,c=a[o].labels;delete a[o].channels,delete
a[o].labels,Object.defineProperty(a[o],"channels",{value:l}),Object.defineProperty(a[o],"labels",{value:c})}
a.rgb.hsl=function(e){var t,r,n=e[0]/255,i=e[1]/255,s=e[2]/255,a=Math.min(n,i,s),o=Math.max(n,i,s),l=o-a;return
o===a?t=0:n===o?t=(i-s)/l:i===o?t=2+(s-n)/l:s===o&&(t=4+(n-
i)/l),(t=Math.min(60*t,360))<0&&(t+=360),r=(a+o)/2,[t,100*(o===a?0:r<=.5?l/(o+a):l/(2-o-
a)),100*r]},a.rgb.hsv=function(e){var t,r,n,i,s,a=e[0]/255,o=e[1]/255,l=e[2]/255,c=Math.max(a,o,l),p=c-
Math.min(a,o,l),u=function(e){return(c-e)/6/p+.5};return 0===p?i=s=0:(s=p/c,t=u(a),r=u(o),n=u(l),a===c?i=n-
r:o===c?i=1/3+t-n:l===c&&(i=2/3+r-t),i<0?i+=1:i>1&&(i-1)),[360*i,100*s,100*c]},a.rgb.hwb=function(e){var
t=e[0],r=e[1],n=e[2];return[a.rgb.hsl(e)[0],100*(1/255*Math.min(t,Math.min(r,n))),100*(n=1-
1/255*Math.max(t,Math.max(r,n)))]},a.rgb.cmyk=function(e){var
t,r=e[0]/255,n=e[1]/255,i=e[2]/255;return[100*((1-r-(t=Math.min(1-r,1-n,1-i)))/(1-t)||0),100*((1-n-t)/(1-
t)||0),100*((1-i-t)/(1-t)||0),100*t]},a.rgb.keyword=function(e){var t=i[e];if(t)return t;var r,s,a,o=1/0;for(var l in
n)if(n.hasOwnProperty(l)){var c=n[l],p=(s=e,a=c,Math.pow(s[0]-a[0],2)+Math.pow(s[1]-a[1],2)+Math.pow(s[2]-
a[2],2));p<o&&(o=p,r=l)}return r},a.keyword.rgb=function(e){return n[e]},a.rgb.xyz=function(e){var
t=e[0]/255,r=e[1]/255,n=e[2]/255;return[100*(.4124*(t+.04045*Math.pow((t+.055)/1.055,2.4):t/12.92)+.3576*(r=
r>.04045*Math.pow((r+.055)/1.055,2.4):r/12.92)+.1805*(n=n>.04045*Math.pow((n+.055)/1.055,2.4):n/12.92)),100
*(.2126*t+.7152*r+.0722*n),100*(.0193*t+.1192*r+.9505*n)]},a.rgb.lab=function(e){var
t=a.rgb.xyz(e),r=t[0],n=t[1],i=t[2];return
n/=100,i/=108.883,r=(r=95.047)>.008856?Math.pow(r,1/3):7.787*r+16/116,[116*(n=n>.008856?Math.pow(n,1/3):
7.787*n+16/116)-16,500*(r-n),200*(n-i)>.008856?Math.pow(i,1/3):7.787*i+16/116]}},a.hsl.rgb=function(e){var
t,r,n,i,s,a=e[0]/360,o=e[1]/100,l=e[2]/100;if(0===o)return[s=255*1,s,s];t=2*1-(r=1<.5?1*(1+o):1+o-
l*o),i=[0,0,0];for(var c=0;c<3;c++)(n=a+1/3*(c-1))<0&&n++,n>1&&n--,s=6*n<1?t+6*(r-
t)*n:2*n<1?r:3*n<2?t+(r-t)*(2/3-n)*6:t,i[c]=255*s;return i},a.hsl.hsv=function(e){var
t=e[0],r=e[1]/100,n=e[2]/100,i=r,s=Math.max(n,.01);return r*(n*=2)<=1?n:2-n,i*s<=1?s:2-
s,[t,100*(0===n?2*i/(s+i):2*r/(n+r)),100*((n+r)/2)]},a.hsv.rgb=function(e){var

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t=e[0]/60,r=e[1]/100,n=e[2]/100,i=Math.floor(t)%6,s=t-Math.floor(t),a=255*n*(1-r),o=255*n*(1-r*s),l=255*n*(1-r*(1-s));switch(n*=255,i){case 0:return[n,l,a];case 1:return[o,n,a];case 2:return[a,n,l];case 3:return[a,o,n];case 4:return[l,a,n];case 5:return[n,a,o]}},a.hsv.hsl=function(e){var t,r,n,i,e[0],s=e[1]/100,a=e[2]/100,o=Math.max(a,.01);return n=(2-s)*a,r=s*o,[i,100*(r=(r/(t=(2-s)*o)<=1?t:2-t))||0),100*(n/=2)]},a.hwb.rgb=function(e){var t,r,n,i,s,a,o,l=e[0]/360,c=e[1]/100,p=e[2]/100,u=c+p;switch(u>1&&(c/=u,p/=u),n=6*1-(t=Math.floor(6*t)),0!=(1&t)&&(n=1-n),i=c+n*((r=1-p)-c),t){default:case 6:case 0:s=r,a=i,o=c;break;case 1:s=i,a=r,o=c;break;case 2:s=c,a=r,o=i;break;case 3:s=c,a=i,o=r;break;case 4:s=i,a=c,o=r;break;case 5:s=r,a=c,o=i}return[255*s,255*a,255*o]},a.cmyk.rgb=function(e){var t=e[0]/100,r=e[1]/100,n=e[2]/100,i=e[3]/100;return[255*(1-Math.min(1,t*(1-i)+i)),255*(1-Math.min(1,r*(1-i)+i)),255*(1-Math.min(1,n*(1-i)+i))],a.xyz.rgb=function(e){var t,r,n,i=e[0]/100,s=e[1]/100,a=e[2]/100;return r=-.9689*i+1.8758*s+.0415*a,n=.0557*i+-.204*s+1.057*a,t=(t=3.2406*i+-1.5372*s+-.4986*a)>.0031308?1.055*Math.pow(t,1/2.4)-.055:12.92*t,r=r>.0031308?1.055*Math.pow(r,1/2.4)-.055:12.92*r,n=n>.0031308?1.055*Math.pow(n,1/2.4)-.055:12.92*n,[255*(t=Math.min(Math.max(0,t),1)),255*(r=Math.min(Math.max(0,r),1)),255*(n=Math.min(Math.max(0,n),1))]},a.xyz.lab=function(e){var t=e[0],r=e[1],n=e[2];return r/=100,n/=108.883,t=(t/=95.047)>.008856?Math.pow(t,1/3):7.787*t+16/116,[116*(r=r>.008856?Math.pow(r,1/3):7.787*r+16/116)-16,500*(t-r),200*(r-(n=n>.008856?Math.pow(n,1/3):7.787*n+16/116))],a.lab.xyz=function(e){var t,r,n,i=e[0];t=e[1]/500+(r=(i+16)/116),n=r-e[2]/200;var s=Math.pow(r,3),a=Math.pow(t,3),o=Math.pow(n,3);return r=s>.008856?s:(r-16/116)/7.787,t=a>.008856?a:(t-16/116)/7.787,n=o>.008856?o:(n-16/116)/7.787,[t*=95.047,r*=100,n*=108.883]},a.lab.lch=function(e){var t,r=e[0],n=e[1],i=e[2];return(t=360*Math.atan2(i,n)/Math.PI)<0&&(t+=360),[r,Math.sqrt(n*n+i*i),t]},a.lch.lab=function(e){var t,r=e[0],n=e[1];return t=e[2]/360*2*Math.PI,[r,n*Math.cos(t),n*Math.sin(t)]},a.rgb.ansi16=function(e){var t=e[0],r=e[1],n=e[2],i=1 in arguments?arguments[1]:a.rgb.hsv(e)[2];if(0===i=Math.round(i/50))return 30;var s=30+(Math.round(n/255)<<2|Math.round(r/255)<<1|Math.round(t/255));return 2===i&&(s+=60),s},a.hsv.ansi16=function(e){return a.rgb.ansi16(a.rgb.rgb(e),e[2])},a.rgb.ansi256=function(e){var t=e[0],r=e[1],n=e[2];return t===r&&r===n?t<8?16:t>248?231:Math.round((t-8)/247*24)+232:16+36*Math.round(t/255*5)+6*Math.round(r/255*5)+Math.round(n/255*5)},a.ansi16.rgb=function(e){var t=e%10;if(0===t||7===t)return e>50&&(t+=3.5),[t=t/10.5*255,t,t];var r=.5*(1+~~(e>50));return[(1&t)*r*255,(t>>1&1)*r*255,(t>>2&1)*r*255]},a.ansi256.rgb=function(e){if(e>=232){var t=10*(e-232)+8;return[t,t,t]}var r;return e=16,[Math.floor(e/36)/5*255,Math.floor((r=e%36)/6)/5*255,r%6/5*255]},a.rgb.hex=function(e){var t=(((255&Math.round(e[0]))<<16)+((255&Math.round(e[1]))<<8)+(255&Math.round(e[2])))).toString(16).toUpperCase();return"000000".substring(t.length)+t},a.hex.rgb=function(e){var t=e.toString(16).match(/[a-f0-9]{6}|[a-f0-9]{3}/i);if(!t)return[0,0,0];var r=t[0];3===t[0].length&&(r=r.split("\\").map((function(e){return e+e})).join("\\"));var n=parseInt(r,16);return[n>>16&255,n>>8&255,255&n]},a.rgb.hcg=function(e){var t,r=e[0]/255,n=e[1]/255,i=e[2]/255,s=Math.max(Math.max(r,n),i),a=Math.min(Math.min(r,n),i),o=s-a;return t=o<=0?0:s===r?(n-i)/o%6:s===n?2+(i-r)/o:4+(r-n)/o+4,t/=6,[360*(t%=1),100*o,100*(o<1?a/(1-o):0)]},a.hsl.hcg=function(e){var t=e[1]/100,r=e[2]/100,n=1,i=0;return(n=r<.5?2*t*r:2*t*(1-r)<1&&(i=(r-.5*n)/(1-n)),[e[0],100*n,100*i]},a.hsv.hcg=function(e){var t=e[1]/100,r=e[2]/100,n=t*r,i=0;return n<1&&(i=(r-n)/(1-n)),[e[0],100*n,100*i]},a.hcg.rgb=function(e){var t=e[0]/360,r=e[1]/100,n=e[2]/100;if(0===r)return[255*n,255*n,255*n];var i,s=[0,0,0],a=t%1*6,o=a%1,l=1-o;switch(Math.floor(a)){case 0:s[0]=1,s[1]=o,s[2]=0;break;case 1:s[0]=1,s[1]=1,s[2]=0;break;case 2:s[0]=0,s[1]=1,s[2]=o;break;case 3:s[0]=0,s[1]=1,s[2]=1;break;case 4:s[0]=o,s[1]=0,s[2]=1;break;default:s[0]=1,s[1]=0,s[2]=1}return i=(1-r)*n,[255*(r*s[0]+i),255*(r*s[1]+i),255*(r*s[2]+i)]},a.hcg.hsv=function(e){var t=e[1]/100,r=t+e[2]/100*(1-t),n=0;return r>0&&(n=t/r),[e[0],100*n,100*r]},a.hcg.hsl=function(e){var t=e[1]/100,r=e[2]/100*(1-

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t)+.5*t,n=0;return r>0&&r<.5?n=t/(2*r):r>=.5&&r<1&&(n=t/(2*(1-
r))),[e[0],100*n,100*r]],a.hcg.hwb=function(e){var t=e[1]/100,r=t+e[2]/100*(1-t);return[e[0],100*(r-t),100*(1-
r)]},a.hwb.hcg=function(e){var t=e[1]/100,r=1-e[2]/100,n=r-t,i=0;return n<1&&(i=(r-n)/(1-
n)),[e[0],100*n,100*i]},a.apple.rgb=function(e){return[e[0]/65535*255,e[1]/65535*255,e[2]/65535*255]},a.rgb.app
le=function(e){return[e[0]/255*65535,e[1]/255*65535,e[2]/255*65535]},a.gray.rgb=function(e){return[e[0]/100*2
55,e[0]/100*255,e[0]/100*255]},a.gray.hsl=a.gray.hsv=function(e){return[0,0,e[0]]},a.gray.hwb=function(e){return
[0,100,e[0]]},a.gray.cmyk=function(e){return[0,0,0,e[0]]},a.gray.lab=function(e){return[e[0],0,0]},a.gray.hex=funct
ion(e){var
t=255&Math.round(e[0]/100*255),r=((t<<16)+(t<<8)+t).toString(16).toUpperCase();return"000000".substring(r
.length)+r},a.rgb.gray=function(e){return[(e[0]+e[1]+e[2])/3/255*100]},function(e,t,r){use
strict"";Object.defineProperty(t, "__esModule", { value: !0 }), t.default = function(e, t, r) { const { placeholderWhitelist
:a, placeholderPattern:o, preserveComments:c, syntacticPlaceholders:p } = r, u = function(e, t, r) { const
n=(t.plugins||[]).slice();!1!==r&&n.push("placeholders");t=Object.assign({ allowReturnOutsideFunction:!0,allo
wSuperOutsideMethod:!0,sourceType:"module"},t,{plugins:n});try{return(0,i.parse)(e,t)}catch(t){const
r=t.loc;throw
r&&(t.message+=""+n+(0,s.codeFrameColumns)(e,{start:r}),t.code="BABEL_TEMPLATE_PARSE_ERR
OR"),t}(t,r.parser,p);n.removePropertiesDeep(u,{preserveComments:c}),e.validate(u);const
d={placeholders:[],placeholderNames:new Set},h={placeholders:[],placeholderNames:new Set},f={value:void
0};return
n.traverse(u,l,{syntactic:d,legacy:h,isLegacyRef:f,placeholderWhitelist:a,placeholderPattern:o,syntacticPlaceholders
:p}),Object.assign({ast:u,f.value?h:d});var n=function(e){if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=a();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(20)),i=r(362),s=r(125);function a(){if("function"!==typeof WeakMap)return null;var
e=new WeakMap;return a=function(){return e},e}const o=/^[_$A-Z0-9]+$/;function l(e,t,r){var i;let
s;if(n.isPlaceholder(e)){if(!1===r.syntacticPlaceholders)throw new Error("%%foo%%-style placeholders can't be
used when '.syntacticPlaceholders' is
false.");s=e.name.name,r.isLegacyRef.value=!1}else{if(!1===r.isLegacyRef.value||r.syntacticPlaceholders)return;
if(n.isIdentifier(e)||n.isJSXIdentifier(e))s=e.name,r.isLegacyRef.value=!0}else{if(!n.isStringLiteral(e))return;s=e.val
ue,r.isLegacyRef.value=!0}if(!r.isLegacyRef.value&&(null!=r.placeholderPattern||null!=r.placeholderWhitelist))th
row new Error("'.placeholderWhitelist' and '.placeholderPattern' aren't compatible with '.syntacticPlaceholders:
true");if(r.isLegacyRef.value&&(!1===r.placeholderPattern||!(r.placeholderPattern||o).test(s))&&(null==(i=r.pla
ceholderWhitelist)?void 0:i.has(s)))return;t=t.slice();const{node:a,key:l}=t[t.length-1];let
c;n.isStringLiteral(e)||n.isPlaceholder(e,{expectedNode:"StringLiteral"})?c="string":n.isNewExpression(a)
&&"arguments"===l||n.isCallExpression(a)&&"arguments"===l||n.isFunction(a)&&"params"===l?c="
param":n.isExpressionStatement(a)&&!n.isPlaceholder(e)?c="statement":t=t.slice(0,-
1):c=n.isStatement(e)&&n.isPlaceholder(e)?"statement":"other";const{placeholders:p,placeholderNames:u
}=r.isLegacyRef.value?r.legacy:r.syntactic;p.push({name:s,type:c,resolve:e=>function(e,t){let r=e;for(let
e=0;e<t.length-1;e++){const{key:n,index:i}=t[e];r=void 0===i?r[n]:r[n][i]}const{key:n,index:i}=t[t.length-
1];return{parent:r,key:n,index:i}}(e,t),isDuplicate:u.has(s)),u.add(s)},function(e,t,r){use
strict"";Object.defineProperty(t, "__esModule", { value: !0 }), t.default = function(e, t) { const
r=n.cloneNode(e.ast);t&&(e.placeholders.forEach(e=>{if(!Object.prototype.hasOwnProperty.call(t,e.name)){const
t=e.name;throw new Error(`Error: No substitution given for "${t}`. If this is not meant to be a
placeholder you may want to consider passing one of the following options to @babel/template:
placeholderPattern: false, placeholderWhitelist: new Set(['${t}'])
placeholderPattern: /^${t}$/
})),Object.keys(t).forEach(t=>{if(!e.placeholderNames.has(t))throw new Error(`Unknown substitution

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    \{"$ {t} \{" given` )});return
    e.placeholders.slice().reverse().forEach(e=>{try{!function(e,t,r){e.isDuplicate&&(Array.isArray(r)?r=r.map(e=>n.cloneNode(e)):\{"object\}"===typeof
    r&&(r=n.cloneNode(r));const{parent:i,key:s,index:a}=e.resolve(t);if(\{"string\}"===e.type){if(\{"string\}"===type
    of r&&(r=n.stringLiteral(r),!r||!n.isStringLiteral(r))throw new Error(\{"Expected string substitution\")}else
    if(\{"statement\}"===e.type)void 0===a?r?Array.isArray(r)?n.blockStatement(r):\{"string\}"===typeof
    r?n.expressionStatement(n.identifier(r)):n.isStatement(r)||r=n.expressionStatement(r):r=n.emptyStatement():r&&
    !Array.isArray(r)&&(\{"string\}"===typeof
    r&&(r=n.identifier(r),n.isStatement(r)||r=n.expressionStatement(r));else
    if(\{"param\}"===e.type){if(\{"string\}"===typeof r&&(r=n.identifier(r)),void 0===a)throw new Error(\{"Assertion
    failure.\"})else if(\{"string\}"===typeof r&&(r=n.identifier(r)),Array.isArray(r))throw new Error(\{"Cannot replace
    single expression with an array.\"});if(void 0===a)n.validate(i,s,r),i[s]=r;else{const
    t=i[s].slice();\{"statement\}"===e.type|\{"param\}"===e.type?null==r?t.splice(a,1):Array.isArray(r)?t.splice(a,1,...r
    ):t[a]=r:t[a]=r,n.validate(i,s,t),i[s]=t}(e,r,t&&t[e.name]||null)}catch(t){throw t.message=`@babel/template
    placeholder \{"$ {e.name} \{"": $ {t.message}` ,t}},r);var n=function(e){if(e&&e.__esModule)return
    e;if(null===e|\{"object\}"!==typeof e&&\{"function\}"!==typeof e)return{default:e};var t=i();if(t&&t.has(e))return
    t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
    e)if(Object.prototype.hasOwnProperty.call(e,s)){var
    a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]r.default=e
    ,t&&t.set(e,r);return r}(r(20));function i(){if(\{"function\}"!==typeof WeakMap)return null;var e=new
    WeakMap;return i=function(){return e},e},function(e,t,r){var n,i,s;!function(a,o){\{"use strict\";i=[r(374)],void
    0===(s=\{"function\}"===typeof(n=function(e){var t=/(^@)\{\{S+:\{\{d+/,r=/^\{\{s*at
    .*(\{\{S+:\{\{d+/\{\{(\native\{\{\}\}\}/m,n=/^(eval)?(\{\{\[native code\]\}$);return{parse:function(e){if(void
    0!==e.stacktrace||void 0!==e[\{"opera#sourceloc\"}])return this.parseOpera(e);if(e.stack&&e.stack.match(r))return
    this.parseV8OrIE(e);if(e.stack)return this.parseFFOrSafari(e);throw new Error(\{"Cannot parse given Error
    object\"}),extractLocation:function(e){if(-1===e.indexOf(\{"":\{"}))return[e];var
    t=/(.+)?(?::(\{\{d+\})?(?::(\{\{d+\})?$/ .exec(e.replace(/([()]/g,\{"\{\{\}\}"));return[t[1],t[2]]|void 0,t[3]|void
    0}},parseV8OrIE:function(t){return
    t.stack.split(\{"\{\{\n\}\}).filter((function(e){return!e.match(r)}),this).map((function(t){t.indexOf(\{"(eval \{\{\})>-
    1&&(t=t.replace(/eval code/g,\{"eval\}).replace(/(\{\{\(eval at \{\{\})*\}\{\{\}\}\.*/g,\{"\{\{\}\}"));var
    r=t.replace(/^\{\{s+/,,\{"\{\{\}\}").replace(/\{\{\(eval code/g,\{"\{\{\}\}"),n=r.match(/
    (\{\{\(.+:\{\{\d+:\{\{\d+\}\}\}\$),i=(r=n?r.replace(n[0],,\{"\{\{\}\}"):r).split(/\{\{s+/\}.slice(1),s=this.extractLocation(n?n[1]:i.
    pop()),a=i.join(\{" \{\{\}\}||void 0,o=[\{"eval\},,\{"<anonymous>\}"].indexOf(s[0])>-1?void 0:s[0];return new
    e({functionName:a,fileName:o,lineNumber:s[1],columnNumber:s[2],source:t})),this)},parseFFOrSafari:function(t)
    {return t.stack.split(\{"\{\{\n\}\}).filter((function(e){return!e.match(n)}),this).map((function(t){if(t.indexOf(\{" >
    eval\}\}\}>-1&&(t=t.replace(/ line \{\{\d+\})?: > eval line \{\{\d+\}* > eval:\{\{\d+:\{\{\d+/\g,\{"\{\{\}\}$\{\{\}\}\},-
    1===t.indexOf(\{"@ \{\{\}\})&&-1===t.indexOf(\{":\{\{\}\}))return new e({functionName:t});var
    r=/(.*\{\{\}\}.\+|\{\{\[ @ \}\}*\{\{\^ @ \}\}*(?:@)/,n=t.match(r),i=n&&n[1]?n[1]:void
    0,s=this.extractLocation(t.replace(r,\{"\{\{\}\}"));return new
    e({functionName:i,fileName:s[0],lineNumber:s[1],columnNumber:s[2],source:t})),this)},parseOpera:function(e){r
    eturn!e.stacktrace|e.message.indexOf(\{"\{\{\n\}\}>-
    1&&e.message.split(\{"\{\{\n\}\}).length>e.stacktrace.split(\{"\{\{\n\}\}).length?this.parseOpera9(e):e.stack?this.parseO
    pera11(e):this.parseOpera10(e)},parseOpera9:function(t){for(var r=/Line \{\{\d+\}.*script(?:in
    )?(\{\{S+\})/i,n=t.message.split(\{"\{\{\n\}\}),i=[],s=2,a=n.length;s<a;s+=2){var o=r.exec(n[s]);o&&i.push(new
    e({fileName:o[2],lineNumber:o[1],source:n[s]})}return i},parseOpera10:function(t){for(var r=/Line \{\{\d+\}.*script
    (?:in)?(\{\{S+\})?(?: In function \{\{\S+\})?$/i,n=t.stacktrace.split(\{"\{\{\n\}\}),i=[],s=0,a=n.length;s<a;s+=2){var
    o=r.exec(n[s]);o&&i.push(new e({functionName:o[3]|void 0,fileName:o[2],lineNumber:o[1],source:n[s]})}return
    i},parseOpera11:function(r){return r.stack.split(\{"\{\{\n\}\}).filter((function(e){return!e.match(t)&&!e.match(/^Error

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created at/)),this).map((function(t){var
r,n=t.split("@"),i=this.extractLocation(n.pop()),s=n.shift()||"",a=s.replace(/<anonymous function:
(\\w+)?>/,"$2").replace(/\\([\\^])*\\|g\\.\\|\\|void
0;s.match(/\\((\\^)*\\|\\|/)&&(r=s.replace(/^[\\+\\(\\(\\^)*\\|\\|$/,"$1"));var o=void 0===r||"[arguments not
available]||"===r?void 0:r.split(",");return new
e({functionName:a,args:o,fileName:i[0],lineNumber:i[1],columnNumber:i[2],source:t})),this)}})?n.apply(t,i:n)||
e.exports=s)}),function(e,t,r){||"use strict";function n(e){var t=this;if(t instanceof n||(t=new
n),t.tail=null,t.head=null,t.length=0,e&&||"function"===typeof e.forEach)e.forEach((function(e){t.push(e)}));else
if(arguments.length>0)for(var r=0,i=arguments.length;r<i;r++)t.push(arguments[r]);return t}function i(e,t,r){var
n=t===e.head?new o(r,null,t,e):new o(r,t,t.next,e);return
null===n.next&&(e.tail=n),null===n.prev&&(e.head=n),e.length++,n}function s(e,t){e.tail=new
o(t,e.tail,null,e),e.head||(e.head=e.tail),e.length++}function a(e,t){e.head=new
o(t,null,e.head,e),e.tail||(e.tail=e.head),e.length++}function o(e,t,r,n){if(!(this instanceof o))return new
o(e,t,r,n);this.list=n,this.value=e,t?(t.next=this,this.prev=t):this.prev=null,r?(r.prev=this,this.next=r):this.next=null}e.
exports=n,n.Node=o,n.create=n,n.prototype.removeNode=function(e){if(e.list!==this)throw new Error("\\removing
node which does not belong to this list");var t=e.next,r=e.prev;return
t&&(t.prev=r),r&&(r.next=t),e===this.head&&(this.head=t),e===this.tail&&(this.tail=r),e.list.length--
,e.next=null,e.prev=null,e.list=null,t},n.prototype.unshiftNode=function(e){if(e!==this.head){e.list&&e.list.remove
Node(e);var
t=this.head;e.list=this,e.next=t,t&&(t.prev=e),this.head=e,this.tail||(this.tail=e),this.length++},n.prototype.pushNod
e=function(e){if(e!==this.tail){e.list&&e.list.removeNode(e);var
t=this.tail;e.list=this,e.prev=t,t&&(t.next=e),this.tail=e,this.head||(this.head=e),this.length++},n.prototype.push=fun
ction(){for(var e=0,t=arguments.length;e<t;e++)s(this,arguments[e]);return
this.length},n.prototype.unshift=function(){for(var e=0,t=arguments.length;e<t;e++)a(this,arguments[e]);return
this.length},n.prototype.pop=function(){if(this.tail){var e=this.tail.value;return
this.tail=this.tail.prev,this.tail?this.tail.next=null:this.head=null,this.length--
,e}},n.prototype.shift=function(){if(this.head){var e=this.head.value;return
this.head=this.head.next,this.head?this.head.prev=null:this.tail=null,this.length--
,e}},n.prototype.forEach=function(e,t){t=t||this;for(var
r=this.head,n=0,null!==(r;n++)e.call(t,r.value,n,this),r=r.next},n.prototype.forEachReverse=function(e,t){t=t||this;for
(var r=this.tail,n=this.length-1,null!==(r;n--e.call(t,r.value,n,this),r=r.prev},n.prototype.get=function(e){for(var
t=0,r=this.head;null!==(r&&t<e;t++)r=r.next;if(t===e&&null!==(r))return
r.value},n.prototype.getReverse=function(e){for(var
t=0,r=this.tail;null!==(r&&t<e;t++)r=r.prev;if(t===e&&null!==(r))return
r.value},n.prototype.map=function(e,t){t=t||this;for(var r=new
n,i=this.head;null!==(i;r.push(e.call(t,i.value,this)),i=i.next;return
r},n.prototype.mapReverse=function(e,t){t=t||this;for(var r=new
n,i=this.tail;null!==(i;r.push(e.call(t,i.value,this)),i=i.prev;return r},n.prototype.reduce=function(e,t){var
r,n=this.head;if(arguments.length>1)r=t;else{if(!this.head)throw new TypeError("\\Reduce of empty list with no
initial value");n=this.head.next,r=this.head.value}for(var i=0;null!==(n;i++)r=e(r,n.value,i),n=n.next;return
r},n.prototype.reduceReverse=function(e,t){var r,n=this.tail;if(arguments.length>1)r=t;else{if(!this.tail)throw new
TypeError("\\Reduce of empty list with no initial value");n=this.tail.prev,r=this.tail.value}for(var i=this.length-
1;null!==(n;i--)r=e(r,n.value,i),n=n.prev;return r},n.prototype.toArray=function(){for(var e=new
Array(this.length),t=0,r=this.head;null!==(r;t++)e[t]=r.value,r=r.next;return
e},n.prototype.toArrayReverse=function(){for(var e=new
Array(this.length),t=0,r=this.tail;null!==(r;t++)e[t]=r.value,r=r.prev;return
e},n.prototype.slice=function(e,t){(t=t||this.length)<0&&(t+=this.length),(e=e||0)<0&&(e+=this.length);var r=new
n;if(t<e||t<0)return r;e<0&&(e=0),t>this.length&&(t=this.length);for(var

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i=0,s=this.head;null!==(s&&i<e;i++)s=s.next;for(;null!==(s&&i<t;i++,s=s.next)r.push(s.value);return
r},n.prototype.sliceReverse=function(e,t){(t=t||this.length)<0&&(t+=this.length),(e=e||0)<0&&(e+=this.length);var
r=new n;if(t<e||t<0)return r;e<0&&(e=0),t>this.length&&(t=this.length);for(var
i=this.length,s=this.tail;null!==(s&&i>t;i--s=s.prev);for(;null!==(s&&i>e;i--,s=s.prev)r.push(s.value);return
r},n.prototype.splice=function(e,t){e>this.length&&(e=this.length-1),e<0&&(e=this.length+e);for(var
r=0,n=this.head;null!==(n&&r<e;r++)n=n.next;var
s=[];for(r=0;n&&r<t;r++)s.push(n.value),n=this.removeNode(n);null===n&&(n=this.tail),n!==(this.head&&n!==(this
s.tail&&(n=n.prev));for(r=2;r<arguments.length;r++)n=i(this,n,arguments[r]);return
s},n.prototype.reverse=function(){for(var e=this.head,t=this.tail,r=e;null!==(r=r=r.prev){var
n=r.prev;r.prev=r.next,r.next=n}return this.head=t,this.tail=e,this};try{r(131)(n)}catch(e){}},"use
strict";e.exports=function(e){e.prototype[Symbol.iterator]=function*(){for(let e=this.head;e=e.next)yield
e.value}},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void
0;var n,i=(n=r(8))&&n.__esModule?n:{default:n},s=function(e){if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=a();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get|s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0));function a(){if("function"!==typeof WeakMap)return null;var e=new
WeakMap;return a=function(){return
e},e}.t.default=class{constructor(e,t,r,n){this.queue=null,this.parentPath=n,this.scope=e,this.state=r,this.opts=t}shou
ldVisit(e){const t=this.opts;if(t.enter|t.exit)return!0;if(t[e.type])return!0;const
r=s.VISITOR_KEYS[e.type];if(!(null==r?void 0:r.length))return!1;for(const t of
r)if(e[t])return!0;return!1}create(e,t,r,n){return
i.default.get({parentPath:this.parentPath,parent:e,container:t,key:r,listKey:n})}maybeQueue(e,t){if(this.trap)throw
new Error("Infinite cycle
detected");this.queue&&(t?this.queue.push(e):this.priorityQueue.push(e))}visitMultiple(e,t,r){if(0===e.length)ret
urn!1;const n=[];for(let i=0;i<e.length;i++){const s=e[i];s&&this.shouldVisit(s)&&n.push(this.create(t,e,i,r))}return
this.visitQueue(n)}visitSingle(e,t){return!!this.shouldVisit(e[t])&&this.visitQueue([this.create(e,e,t)])}visitQueue(e)
{this.queue=e,this.priorityQueue=[];const t=[];let r=!1;for(const n of
e)if(n.resync(),0!==(n.contexts.length&&n.contexts[n.contexts.length-
1])===this|n.pushContext(this),null!==(n.key&&(t.indexOf(n.node)>=0))){if(t.push(n.node),n.visit()){r=!0;break}if(t
his.priorityQueue.length&&(r=this.visitQueue(this.priorityQueue),this.priorityQueue=[],this.queue=e,r))break}for(c
onst t of e)t.popContext();return this.queue=null,r}visit(e,t){const
r=e[t];return!!r&&(Array.isArray(r)?this.visitMultiple(r,e,t):this.visitSingle(e,t))}},function(e,t,r){"use
strict";var n;Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;var
i=(0,((n=r(64))&&n.__esModule?n:{default:n}).default)("React.Component");t.default=i},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return!!e&& /^[a-
z]/.test(e)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){const t=[];for(let
r=0;r<e.children.length;r++){let
n=e.children[r];(0,i.isJSXText)(n)?(0,s.default)(n,t):((0,i.isJSXExpressionContainer)(n)&&(n=n.expression),(0,i.isJS
XEmptyExpression)(n)|t.push(n))}return t};var
n,i=r(2),s=(n=r(136))&&n.__esModule?n:{default:n},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){const
r=e.value.split(/\\r\\n\\n\\n\\n\\n/);let i=0;for(let e=0;e<r.length;e++)r[e].match(/^[ \\t]/)&&(i=e);let
s="";for(let e=0;e<r.length;e++){const t=r[e],n=0===e,a=e===r.length-1,o=e===i;let l=t.replace(/\\t/g,"\\
");n||(l=l.replace(/^[ ]+/, "");a||(l=l.replace(/[\ ]+$/,""));l&&(o||(l+= "\\
"));s+=l)}s&&t.push((0,n.stringLiteral)(s));var n=r(4)},function(e,t,r){"use

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function(e){return!!s&&s in e}},function(e,t,r){var n=r(7)[\\"__core-
js_shared__\\"],e.exports=n},function(e,t){e.exports=function(e,t){return null===e?void 0:e[t]}},function(e,t,r){var
n=r(158),i=r(165),s=r(167),a=r(168),o=r(169);function l(e){var t=-
1,r=null===e?0:e.length;for(this.clear();++t<r;){var
n=e[t];this.set(n[0],n[1])}}l.prototype.clear=n,l.prototype.delete=i,l.prototype.get=s,l.prototype.has=a,l.prototype.set
=o,e.exports=l},function(e,t,r){var
n=r(159),i=r(26),s=r(40);e.exports=function(){this.size=0,this.__data__={hash:new n,map:new(s|i),string:new
n}},function(e,t,r){var n=r(160),i=r(161),s=r(162),a=r(163),o=r(164);function l(e){var t=-
1,r=null===e?0:e.length;for(this.clear();++t<r;){var
n=e[t];this.set(n[0],n[1])}}l.prototype.clear=n,l.prototype.delete=i,l.prototype.get=s,l.prototype.has=a,l.prototype.set
=o,e.exports=l},function(e,t,r){var
n=r(28);e.exports=function(){this.__data__=n?n(null):{}},this.size=0}},function(e,t){e.exports=function(e){var
t=this.has(e)&&delete this.__data__[e];return this.size-=t?1:0,t}},function(e,t,r){var
n=r(28),i=Object.prototype.hasOwnProperty;e.exports=function(e){var t=this.__data__;if(n){var
r=t[e];return\\"__lodash_hash_undefined__\\"===r?void 0:r}return i.call(t,e)?t[e]:void 0}},function(e,t,r){var
n=r(28),i=Object.prototype.hasOwnProperty;e.exports=function(e){var t=this.__data__;return n?void
0!==t[e]:i.call(t,e)},function(e,t,r){var n=r(28);e.exports=function(e,t){var r=this.__data__;return
this.size+=this.has(e)?0:1,r[e]=n&&void 0===t?\\"__lodash_hash_undefined__\\":t,this}},function(e,t,r){var
n=r(29);e.exports=function(e){var t=n(this,e).delete(e);return this.size-
=t?1:0,t}},function(e,t){e.exports=function(e){var t=typeof
e;return\\"string\\"===t||\\"number\\"===t||\\"symbol\\"===t||\\"boolean\\"===t?\\\\"__proto__\\"!:=e:null===e}},fun
ction(e,t,r){var n=r(29);e.exports=function(e){return n(this,e).get(e)},function(e,t,r){var
n=r(29);e.exports=function(e){return n(this,e).has(e)},function(e,t,r){var n=r(29);e.exports=function(e,t){var
r=n(this,e),i=r.size;return r.set(e,t),this.size+=r.size===i?0:1,this}},function(e,t){e.exports=function(e,t){for(var r=-
1,n=null===e?0:e.length;++r<n&&!1!==t(e[r],r,e);)return e}},function(e,t,r){var n=r(11),i=function(){try{var
e=n(Object,\\\\"defineProperty\\\\"");return e({},\\\\"\\\\"},{},e)catch(e){}}();e.exports=i},function(e,t,r){var
n=r(30),i=r(42);e.exports=function(e,t){return e&&n(t,i,t,e)},function(e,t){e.exports=function(e,t){for(var r=-
1,n=Array(e);++r<e;)n[r]=t(r);return n}},function(e,t,r){var
n=r(175),i=r(12),s=Object.prototype,a=s.hasOwnProperty,o=s.propertyIsEnumerable,l=n(function(){return
arguments})()?n:function(e){return
i(e)&&a.call(e,\\\\"callee\\\\")&&!o.call(e,\\\\"callee\\\\")};e.exports=l},function(e,t,r){var
n=r(18),i=r(12);e.exports=function(e){return i(e)&&\\\\"[object
Arguments]\\\\"===n(e)},function(e,t){e.exports=function(){return!1}},function(e,t){var r=/(?:0|[1-
9])\\\\"d*\\$/;e.exports=function(e,t){var n=typeof
e;return!(t=null===t?9007199254740991:t)&&(\\\\"number\\"===n||\\\\"symbol\\"!:=n&&r.test(e))&&e>-
1&&e%1===0&&e<t}},function(e,t,r){var
n=r(179),i=r(32),s=r(33),a=s&&s.isTypedArray,o=a?i(a):n;e.exports=o},function(e,t,r){var
n=r(18),i=r(74),s=r(12),a={};a[\\\\"[object Float32Array]\\\\"]=a[\\\\"[object Float64Array]\\\\"]=a[\\\\"[object
Int8Array]\\\\"]=a[\\\\"[object Int16Array]\\\\"]=a[\\\\"[object Int32Array]\\\\"]=a[\\\\"[object
Uint8Array]\\\\"]=a[\\\\"[object Uint8ClampedArray]\\\\"]=a[\\\\"[object Uint16Array]\\\\"]=a[\\\\"[object
Uint32Array]\\\\"]=!0,a[\\\\"[object Arguments]\\\\"]=a[\\\\"[object Array]\\\\"]=a[\\\\"[object
ArrayBuffer]\\\\"]=a[\\\\"[object Boolean]\\\\"]=a[\\\\"[object DataView]\\\\"]=a[\\\\"[object Date]\\\\"]=a[\\\\"[object
Error]\\\\"]=a[\\\\"[object Function]\\\\"]=a[\\\\"[object Map]\\\\"]=a[\\\\"[object Number]\\\\"]=a[\\\\"[object
Object]\\\\"]=a[\\\\"[object RegExp]\\\\"]=a[\\\\"[object Set]\\\\"]=a[\\\\"[object String]\\\\"]=a[\\\\"[object
WeakMap]\\\\"]=!1,e.exports=function(e){return s(e)&&i(e.length)&&!a[n(e)]}},function(e,t,r){var
n=r(44),i=r(181),s=Object.prototype.hasOwnProperty;e.exports=function(e){if(!n(e))return i(e);var t=[];for(var r in
Object(e))s.call(e,r)&&\\\\"constructor\\"!:=r&&t.push(r);return t}},function(e,t,r){var
n=r(75)(Object.keys,Object);e.exports=n},function(e,t,r){var n=r(30),i=r(45);e.exports=function(e,t){return

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e&&n(t,i(t),e) }},function(e,t,r){ var
n=r(22),i=r(44),s=r(184),a=Object.prototype.hasOwnProperty;e.exports=function(e){if(!n(e))return s(e);var
t=i(e),r=[];for(var o in e)(\\"constructor\\"!=o||!t&&a.call(e,o))&&r.push(o);return
r }},function(e,t){e.exports=function(e){ var t=[];if(null!=e)for(var r in Object(e))t.push(r);return
t }},function(e,t,r){ (function(e){ var n=r(7),i=t&&!t.nodeType&&t,s=i&&\\"object\\"==typeof
e&&e&&!e.nodeType&&e,a=s&&s.exports===i?n.Buffer:void 0,o=a?a.allocUnsafe:void
0;e.exports=function(e,t){if(t)return e.slice();var r=e.length,n=o?o(r):new e.constructor(r);return
e.copy(n,n) }).call(this,r(31)(e))},function(e,t){ e.exports=function(e,t){ var r=-
1,n=e.length;for(t||(t=Array(n));++r<n;t[r]=e[r];return t }},function(e,t,r){ var
n=r(30),i=r(46);e.exports=function(e,t){ return n(e,i(e),t) }},function(e,t){ e.exports=function(e,t){ for(var r=-
1,n=null==e?0:e.length,i=0,s=[];++r<n;){ var a=e[r];t(a,r,e)&&(s[i++]=a)} return s }},function(e,t,r){ var
n=r(30),i=r(78);e.exports=function(e,t){ return n(e,i(e),t) }},function(e,t,r){ var
n=r(80),i=r(46),s=r(42);e.exports=function(e){ return n(e,s,i) }},function(e,t,r){ var
n=r(80),i=r(78),s=r(45);e.exports=function(e){ return n(e,s,i) }},function(e,t,r){ var
n=r(11)(r(7),\\"DataView\\");e.exports=n},function(e,t,r){ var
n=r(11)(r(7),\\"Promise\\");e.exports=n},function(e,t,r){ var n=r(11)(r(7),\\"Set\\");e.exports=n},function(e,t,r){ var
n=r(11)(r(7),\\"WeakMap\\");e.exports=n},function(e,t){ var
r=Object.prototype.hasOwnProperty;e.exports=function(e){ var t=e.length,n=new e.constructor(t);return
t&&\\"string\\"==typeof e[0]&&r.call(e,\\"index\\")&&(n.index=e.index,n.input=e.input,n) }},function(e,t,r){ var
n=r(49),i=r(199),s=r(200),a=r(201),o=r(202);e.exports=function(e,t,r){ var l=e.constructor;switch(t){ case\\"[object
ArrayBuffer]\\":return n(e);case\\"[object Boolean]\\":case\\"[object Date]\\":return new l(+e);case\\"[object
Data View]\\":return i(e,r);case\\"[object Float32Array]\\":case\\"[object Float64Array]\\":case\\"[object
Int8Array]\\":case\\"[object Int16Array]\\":case\\"[object Int32Array]\\":case\\"[object
Uint8Array]\\":case\\"[object Uint8ClampedArray]\\":case\\"[object Uint16Array]\\":case\\"[object
Uint32Array]\\":return o(e,r);case\\"[object Map]\\":return new l;case\\"[object Number]\\":case\\"[object
String]\\":return new l(e);case\\"[object RegExp]\\":return s(e);case\\"[object Set]\\":return new l;case\\"[object
Symbol]\\":return a(e) }},function(e,t,r){ var n=r(7).Uint8Array;e.exports=n},function(e,t,r){ var
n=r(49);e.exports=function(e,t){ var r=t?n(e.buffer):e.buffer;return new
e.constructor(r,e.byteOffset,e.byteLength) }},function(e,t){ var r=\\w*$/;e.exports=function(e){ var t=new
e.constructor(e.source,r.exec(e));return t.lastIndex=e.lastIndex,t }},function(e,t,r){ var n=r(41),i=n?n.prototype:void
0,s=i?i.valueOf:void 0;e.exports=function(e){ return s?Object(s.call(e)):{ } }},function(e,t,r){ var
n=r(49);e.exports=function(e,t){ var r=t?n(e.buffer):e.buffer;return new
e.constructor(r,e.byteOffset,e.length) }},function(e,t,r){ var
n=r(204),i=r(47),s=r(44);e.exports=function(e){ return \\"function\\"!=typeof
e.constructor||s(e)?{ :n(i(e)) }},function(e,t,r){ var n=r(22),i=Object.create,s=function(){ function e(){ }return
function(t){ if(!n(t))return { };if(i)return i(t);e.prototype=t;var r=new e;return e.prototype=void
0,r }();e.exports=s},function(e,t,r){ var
n=r(206),i=r(32),s=r(33),a=s&&s.isMap,o=a?a?(a):n:e.exports=o},function(e,t,r){ var
n=r(48),i=r(12);e.exports=function(e){ return i(e)&&\\"[object Map]\\":n(e) }},function(e,t,r){ var
n=r(208),i=r(32),s=r(33),a=s&&s.isSet,o=a?a?(a):n:e.exports=o},function(e,t,r){ var
n=r(48),i=r(12);e.exports=function(e){ return i(e)&&\\"[object Set]\\":n(e) }},function(e,t,r){ \\"use
strict\\":Object.defineProperty(t,\\"__esModule\\",{ value:!0}),t.isIdentifierStart=p,t.isIdentifierChar=u,t.isIdentifie
rName=function(e){ let t=!0;for(let r=0;r<e.length;r++){ let
n=e.charCodeAt(r);if(55296==(64512&n)&&r+1<e.length){ const
t=e.charCodeAt(++r);56320==(64512&t)&&(n=65536+((1023&n)<<10)+(1023&t))}if(t){ if(t=!1,!p(n))return!1 }els
e if(!u(n))return!1 }return t};let n=\\\"μΆ-ÖØ-öø-^-----
-----\\\",i=\\\"\"

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-----\\";const s=new RegExp(\\\\"[\\\\"+n+\\\\"]\\\\\\"),a=new
RegExp(\\\\"[\\\\"+n+i+\\\\"]\\\\\\"");n=i=null;const
o=[0,11,2,25,2,18,2,1,2,14,3,13,35,122,70,52,268,28,4,48,48,31,14,29,6,37,11,29,3,35,5,7,2,4,43,157,19,35,5,35,5,3
9,9,51,157,310,10,21,11,7,153,5,3,0,2,43,2,1,4,0,3,22,11,22,10,30,66,18,2,1,11,21,11,25,71,55,7,1,65,0,16,3,2,2,2,2
8,43,28,4,28,36,7,2,27,28,53,11,21,11,18,14,17,111,72,56,50,14,50,14,35,349,41,7,1,79,28,11,0,9,21,107,20,28,22,1
3,52,76,44,33,24,27,35,30,0,3,0,9,34,4,0,13,47,15,3,22,0,2,0,36,17,2,24,85,6,2,0,2,3,2,14,2,9,8,46,39,7,3,1,3,21,2,6,
2,1,2,4,4,0,19,0,13,4,159,52,19,3,21,2,31,47,21,1,2,0,185,46,42,3,37,47,21,0,60,42,14,0,72,26,230,43,117,63,32,7,3,
0,3,7,2,1,2,23,16,0,2,0,95,7,3,38,17,0,2,0,29,0,11,39,8,0,22,0,12,45,20,0,35,56,264,8,2,36,18,0,50,29,113,6,2,1,2,37,
22,0,26,5,2,1,2,31,15,0,328,18,190,0,80,921,103,110,18,195,2749,1070,4050,582,8634,568,8,30,114,29,19,47,17,3,
32,20,6,18,689,63,129,74,6,0,67,12,65,1,2,0,29,6135,9,1237,43,8,8952,286,50,2,18,3,9,395,2309,106,6,12,4,8,8,9,5
991,84,2,70,2,1,3,0,3,1,3,3,2,11,2,0,2,6,2,64,2,3,3,7,2,6,2,27,2,3,2,4,2,0,4,6,2,339,3,24,2,24,2,30,2,24,2,30,2,24,2,30
,2,24,2,30,2,24,2,7,2357,44,11,6,17,0,370,43,1301,196,60,67,8,0,1205,3,2,26,2,1,2,0,3,0,2,9,2,3,2,0,2,0,7,0,5,0,2,0,2
,0,2,2,2,1,2,0,3,0,2,0,2,0,2,0,2,1,2,0,3,3,2,6,2,3,2,3,2,0,2,9,2,16,6,2,2,4,2,16,4421,42717,35,4148,12,221,3,5761,
15,7472,3104,541,1507,4938],l=[509,0,227,0,150,4,294,9,1368,2,2,1,6,3,41,2,5,0,166,1,574,3,9,9,370,1,154,10,176,
2,54,14,32,9,16,3,46,10,54,9,7,2,37,13,2,9,6,1,45,0,13,2,49,13,9,3,2,11,83,11,7,0,161,11,6,9,7,3,56,1,2,6,3,1,3,2,10,
0,11,1,3,6,4,4,193,17,10,9,5,0,82,19,13,9,214,6,3,8,28,1,83,16,16,9,82,12,9,9,84,14,5,9,243,14,166,9,71,5,2,1,3,3,2,
0,2,1,13,9,120,6,3,6,4,0,29,9,41,6,2,3,9,0,10,10,47,15,406,7,2,7,17,9,57,21,2,13,123,5,4,0,2,1,2,6,2,0,9,9,49,4,2,1,2,
4,9,9,330,3,19306,9,135,4,60,6,26,9,1014,0,2,54,8,3,82,0,12,1,19628,1,5319,4,4,5,9,7,3,6,31,3,149,2,1418,49,513,5
4,5,49,9,0,15,0,23,4,2,14,1361,6,2,16,3,6,2,1,2,4,262,6,10,9,419,13,1495,6,110,6,6,9,4759,9,787719,239];function
c(e,t){let r=65536;for(let
n=0,i=t.length;n<i;n+=2){if(r+=t[n],r>e)return!1;if(r+=t[n+1],r>=e)return!0}return!1}function p(e){return
e<65?36===e:e<=90||(e<97?95===e:e<=122||(e<=65535?e>=170&&s.test(String.fromCharCode(e)):c(e,o)))}functi
on u(e){return
e<48?36===e:e<58!|(e<65)&&(e<=90||(e<97?95===e:e<=122||(e<=65535?e>=170&&a.test(String.fromCharCode(
e)):c(e,o)||c(e,l))))},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),t.isReservedWord=l,t.isStrictReservedWord=c,t.isSt
rictBindOnlyReservedWord=p,t.isStrictBindReservedWord=function(e,t){return
c(e,t)||p(e)},t.isKeyword=function(e){return s.has(e)};const
n=[\\\\"implements\\\\" ,\\\\"interface\\\\" ,\\\\"let\\\\" ,\\\\"package\\\\" ,\\\\"private\\\\" ,\\\\"protected\\\\" ,\\\\"public\\\\" ,\\\\"static\\\\"
 ,\\\\"yield\\\\" ],i=[\\\\"eval\\\\" ,\\\\"arguments\\\\" ],s=new
Set([\\\\"break\\\\" ,\\\\"case\\\\" ,\\\\"catch\\\\" ,\\\\"continue\\\\" ,\\\\"debugger\\\\" ,\\\\"default\\\\" ,\\\\"do\\\\" ,\\\\"else\\\\" ,\\\\"finally\\\\"
 ,\\\\"for\\\\" ,\\\\"function\\\\" ,\\\\"if\\\\" ,\\\\"return\\\\" ,\\\\"switch\\\\" ,\\\\"throw\\\\" ,\\\\"try\\\\" ,\\\\"var\\\\" ,\\\\"const\\\\" ,\\\\"while\\\\"
 ,\\\\"with\\\\" ,\\\\"new\\\\" ,\\\\"this\\\\" ,\\\\"super\\\\" ,\\\\"class\\\\" ,\\\\"extends\\\\" ,\\\\"export\\\\" ,\\\\"import\\\\" ,\\\\"null\\\\" ,\\\\"tru
e\\\\" ,\\\\"false\\\\" ,\\\\"in\\\\" ,\\\\"instanceof\\\\" ,\\\\"typeof\\\\" ,\\\\"void\\\\" ,\\\\"delete\\\\" ]),a=new Set(n),o=new
Set(i);function l(e,t){return t&&\\\\"await\\\\"===e||\\\\"enum\\\\"===e}function c(e,t){return l(e,t)||a.has(e)}function
p(e){return o.has(e)},function(e,t,r){\\\\"use strict\\\\";var n=function(e){if(e&&e.__esModule)return
e;if(null===e||\\\\"object\\\\"!=typeof e&&\\\\"function\\\\"!=typeof e)return{default:e};var t=i();if(t&&t.has(e))return
t.get(e);var r={ },n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(9));function i(){if(\\\\"function\\\\"!=typeof WeakMap)return null;var e=new
WeakMap;return i=function(){return e},e}const
s=(e,t=\\\\"TypeParameterDeclaration\\\\"=>{(0,n.default)(e,{builder:[\\\\"id\\\\" ,\\\\"typeParameters\\\\" ,\\\\"extends\\\\" ,\\\\"
\\\\"body\\\\" ],visitor:[\\\\"id\\\\" ,\\\\"typeParameters\\\\" ,\\\\"extends\\\\" ,\\\\"mixins\\\\" ,\\\\"implements\\\\" ,\\\\"body\\\\" ],aliases:
[\\\\"Flow\\\\" ,\\\\"FlowDeclaration\\\\" ,\\\\"Statement\\\\" ,\\\\"Declaration\\\\" ],fields:{id:(0,n.validateType)(\\\\"Identifier\\\\"
),typeParameters:(0,n.validateOptionalType)(t),extends:(0,n.validateOptional)((0,n.arrayOfType)(\\\\"InterfaceExte
nds\\\\")),mixins:(0,n.validateOptional)((0,n.arrayOfType)(\\\\"InterfaceExtends\\\\")),implements:(0,n.validateOptiona
l)((0,n.arrayOfType)(\\\\"ClassImplements\\\\")),body:(0,n.validateType)(\\\\"ObjectTypeAnnotation\\\\")}}});(0,n.defa

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ult)(\\\\"AnyTypeAnnotation\\\\"},{aliases:[\\\\"Flow\\\\"],\\\\"FlowType\\\\"},\\\\"FlowBaseAnnotation\\\\"})),(0,n.default)(\\\\"
ArrayTypeAnnotation\\\\"},{visitor:[\\\\"elementType\\\\"],aliases:[\\\\"Flow\\\\"],\\\\"FlowType\\\\"],fields:{elementType:(
0,n.validateType)(\\\\"FlowType\\\\")})),(0,n.default)(\\\\"BooleanTypeAnnotation\\\\"},{aliases:[\\\\"Flow\\\\"],\\\\"FlowTy
pe\\\\"},\\\\"FlowBaseAnnotation\\\\"})),(0,n.default)(\\\\"BooleanLiteralTypeAnnotation\\\\"},{builder:[\\\\"value\\\\"],alias
es:[\\\\"Flow\\\\"],\\\\"FlowType\\\\"],fields:{value:(0,n.validate)((0,n.assertValueType)(\\\\"boolean\\\\"))}},(0,n.default)
(\\\\"NullLiteralTypeAnnotation\\\\"},{aliases:[\\\\"Flow\\\\"],\\\\"FlowType\\\\"},\\\\"FlowBaseAnnotation\\\\"})),(0,n.default)
(\\\\"ClassImplements\\\\"},{visitor:[\\\\"id\\\\"],\\\\"typeParameters\\\\"],aliases:[\\\\"Flow\\\\"],fields:{id:(0,n.validateType)(\
\\\\"Identifier\\\\"),typeParameters:(0,n.validateOptionalType)(\\\\"TypeParameterInstantiation\\\\")}),s(\\\\"DeclareClas
s\\\\"),(0,n.default)(\\\\"DeclareFunction\\\\"},{visitor:[\\\\"id\\\\"],aliases:[\\\\"Flow\\\\"],\\\\"FlowDeclaration\\\\"},\\\\"Stateme
nt\\\\"},\\\\"Declaration\\\\"],fields:{id:(0,n.validateType)(\\\\"Identifier\\\\"),predicate:(0,n.validateOptionalType)(\\\\"Dec
claredPredicate\\\\")}),s(\\\\"DeclareInterface\\\\"),(0,n.default)(\\\\"DeclareModule\\\\"},{builder:[\\\\"id\\\\"],\\\\"body\\\\"},\
\\\\"kind\\\\"],visitor:[\\\\"id\\\\"],\\\\"body\\\\"],aliases:[\\\\"Flow\\\\"],\\\\"FlowDeclaration\\\\"},\\\\"Statement\\\\"},\\\\"Declaration\\
\\\\"],fields:{id:(0,n.validateType)(\\\\"Identifier\\\\"},\\\\"StringLiteral\\\\"}),body:(0,n.validateType)(\\\\"BlockStatement\\
\\\\"),kind:(0,n.validateOptional)((0,n.assertOneOf)(\\\\"CommonJS\\\\"},\\\\"ES\\\\"))}},(0,n.default)(\\\\"DeclareModuleE
xports\\\\"},{visitor:[\\\\"typeAnnotation\\\\"],aliases:[\\\\"Flow\\\\"},\\\\"FlowDeclaration\\\\"},\\\\"Statement\\\\"},\\\\"Declaratio
n\\\\"],fields:{typeAnnotation:(0,n.validateType)(\\\\"TypeAnnotation\\\\")})),(0,n.default)(\\\\"DeclareTypeAlias\\\\"},{v
isitor:[\\\\"id\\\\"},\\\\"typeParameters\\\\"},\\\\"right\\\\"],aliases:[\\\\"Flow\\\\"},\\\\"FlowDeclaration\\\\"},\\\\"Statement\\\\"},\\\\"De
claration\\\\"],fields:{id:(0,n.validateType)(\\\\"Identifier\\\\"),typeParameters:(0,n.validateOptionalType)(\\\\"TypePara
meterDeclaration\\\\"),right:(0,n.validateType)(\\\\"FlowType\\\\")})),(0,n.default)(\\\\"DeclareOpaqueType\\\\"},{visitor:
[\\\\"id\\\\"},\\\\"typeParameters\\\\"},\\\\"supertype\\\\"],aliases:[\\\\"Flow\\\\"},\\\\"FlowDeclaration\\\\"},\\\\"Statement\\\\"},\\\\"De
claration\\\\"],fields:{id:(0,n.validateType)(\\\\"Identifier\\\\"),typeParameters:(0,n.validateOptionalType)(\\\\"TypePara
meterDeclaration\\\\"),supertype:(0,n.validateOptionalType)(\\\\"FlowType\\\\")})),(0,n.default)(\\\\"DeclareVariable\\
\\\\"},{visitor:[\\\\"id\\\\"],aliases:[\\\\"Flow\\\\"},\\\\"FlowDeclaration\\\\"},\\\\"Statement\\\\"},\\\\"Declaration\\\\"],fields:{id:(0,n.v
alidateType)(\\\\"Identifier\\\\")})),(0,n.default)(\\\\"DeclareExportDeclaration\\\\"},{visitor:[\\\\"declaration\\\\"},\\\\"specifi
ers\\\\"},\\\\"source\\\\"],aliases:[\\\\"Flow\\\\"},\\\\"FlowDeclaration\\\\"},\\\\"Statement\\\\"},\\\\"Declaration\\\\"],fields:{declarati
on:(0,n.validateOptionalType)(\\\\"Flow\\\\"),specifiers:(0,n.validateOptional)((0,n.arrayOfType)(\\\\"ExportSpecifier\
\\\\"},\\\\"ExportNamespaceSpecifier\\\\"})),source:(0,n.validateOptionalType)(\\\\"StringLiteral\\\\"),default:(0,n.validate
Optional)((0,n.assertValueType)(\\\\"boolean\\\\"))}},(0,n.default)(\\\\"DeclareExportAllDeclaration\\\\"},{visitor:[\\\\"s
ource\\\\"],aliases:[\\\\"Flow\\\\"},\\\\"FlowDeclaration\\\\"},\\\\"Statement\\\\"},\\\\"Declaration\\\\"],fields:{source:(0,n.validat
eType)(\\\\"StringLiteral\\\\"),exportKind:(0,n.validateOptional)((0,n.assertOneOf)(\\\\"type\\\\"},\\\\"value\\\\"))}},(0,n.d
efault)(\\\\"DeclaredPredicate\\\\"},{visitor:[\\\\"value\\\\"],aliases:[\\\\"Flow\\\\"},\\\\"FlowPredicate\\\\"],fields:{value:(0,n.v
alidateType)(\\\\"Flow\\\\")})),(0,n.default)(\\\\"ExistsTypeAnnotation\\\\"},{aliases:[\\\\"Flow\\\\"},\\\\"FlowType\\\\"]}),(0,
n.default)(\\\\"FunctionTypeAnnotation\\\\"},{visitor:[\\\\"typeParameters\\\\"},\\\\"params\\\\"},\\\\"rest\\\\"},\\\\"returnType\\\\"]
,aliases:[\\\\"Flow\\\\"},\\\\"FlowType\\\\"],fields:{typeParameters:(0,n.validateOptionalType)(\\\\"TypeParameterDeclara
tion\\\\"),params:(0,n.validate)((0,n.arrayOfType)(\\\\"FunctionTypeParam\\\\"}),rest:(0,n.validateOptionalType)(\\\\"Fu
nctionTypeParam\\\\"),returnType:(0,n.validateType)(\\\\"FlowType\\\\")})),(0,n.default)(\\\\"FunctionTypeParam\\\\"},{
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er\\\\"),typeAnnotation:(0,n.validateType)(\\\\"FlowType\\\\"),optional:(0,n.validateOptional)((0,n.assertValueType)(\\
\\"boolean\\\\"))}},(0,n.default)(\\\\"GenericTypeAnnotation\\\\"},{visitor:[\\\\"id\\\\"},\\\\"typeParameters\\\\"],aliases:[\\\\"Fl
ow\\\\"},\\\\"FlowType\\\\"],fields:{id:(0,n.validateType)(\\\\"Identifier\\\\"},\\\\"QualifiedTypeIdentifier\\\\"}),typeParamet
ers:(0,n.validateOptionalType)(\\\\"TypeParameterInstantiation\\\\")})),(0,n.default)(\\\\"InferredPredicate\\\\"},{aliases:
[\\\\"Flow\\\\"},\\\\"FlowPredicate\\\\"]}),(0,n.default)(\\\\"InterfaceExtends\\\\"},{visitor:[\\\\"id\\\\"},\\\\"typeParameters\\\\"],al
ias:[\\\\"Flow\\\\"],fields:{id:(0,n.validateType)(\\\\"Identifier\\\\"},\\\\"QualifiedTypeIdentifier\\\\"}),typeParameters:(0,
n.validateOptionalType)(\\\\"TypeParameterInstantiation\\\\")}),s(\\\\"InterfaceDeclaration\\\\"),(0,n.default)(\\\\"Interfa
ceTypeAnnotation\\\\"},{visitor:[\\\\"extends\\\\"},\\\\"body\\\\"],aliases:[\\\\"Flow\\\\"},\\\\"FlowType\\\\"],fields:{extends:(0,n
.validateOptional)((0,n.arrayOfType)(\\\\"InterfaceExtends\\\\"}),body:(0,n.validateType)(\\\\"ObjectTypeAnnotation\\
\\\\")})),(0,n.default)(\\\\"IntersectionTypeAnnotation\\\\"},{visitor:[\\\\"types\\\\"],aliases:[\\\\"Flow\\\\"},\\\\"FlowType\\\\"],fie
lds:{types:(0,n.validate)((0,n.arrayOfType)(\\\\"FlowType\\\\"))}},(0,n.default)(\\\\"MixedTypeAnnotation\\\\"},{aliases

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(0,n.default)(["NullableTypeAnnotation"],{visitor:[["typeAnnotation"],aliases:[["Flow"],["FlowType"],fields:{typeAnnotation:(0,n.validateType)(["FlowType"])}]),
(0,n.default)(["NumberLiteralTypeAnnotation"],{builder:[["value"],aliases:[["Flow"],["FlowType"]],fields:{value:(0,n.validate)(0,n.assertValueType)(["number"])}]),
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(0,n.default)(["ObjectTypeAnnotation"],{visitor:[["properties"],["indexers"],["callProperties"],["internalSlots"],aliases:[["Flow"],["FlowType"],builder:[["properties"],["indexers"],["callProperties"],["internalSlots"],["exact"],fields:{properties:(0,n.validate)(0,n.arrayOfType)(["ObjectTypeProperty"],["ObjectTypeSpreadProperty"])),indexers:(0,n.validateOptional)(0,n.arrayOfType)(["ObjectTypeIndexer"]),callProperties:(0,n.validateOptional)(0,n.arrayOfType)(["ObjectTypeCallProperty"]),internalSlots:(0,n.validateOptional)(0,n.arrayOfType)(["ObjectTypeInternalSlot"]),exact:{validate:(0,n.assertValueType)(["boolean"],default:!1),inexact:(0,n.validateOptional)(0,n.assertValueType)(["boolean"])}]),
(0,n.default)(["ObjectTypeInternalSlot"],{visitor:[["id"],["value"],["optional"],["static"],["method"],aliases:[["Flow"],["UserWhitespacable"],fields:{id:(0,n.validateType)(["Identifier"],value:(0,n.validateType)(["FlowType"],optional:(0,n.validate)(0,n.assertValueType)(["boolean"]),static:(0,n.validate)(0,n.assertValueType)(["boolean"]),method:(0,n.validate)(0,n.assertValueType)(["boolean"])}]),
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(0,n.default)(["ObjectTypeSpreadProperty"],{visitor:[["argument"],aliases:[["Flow"],["UserWhitespacable"],fields:{argument:(0,n.validateType)(["FlowType"])}]),
(0,n.default)(["OpaqueType"],{visitor:[["id"],["typeParameters"],["supertype"],["impltype"],aliases:[["Flow"],["FlowDeclaration"],["Statement"],["Declaration"],fields:{id:(0,n.validateType)(["Identifier"],typeParameters:(0,n.validateOptionalType)(["TypeParameterDeclaration"],supertype:(0,n.validateOptionalType)(["FlowType"],impltype:(0,n.validateType)(["FlowType"])}]),
(0,n.default)(["QualifiedTypeIdentifier"],{visitor:[["id"],["qualification"],aliases:[["Flow"],fields:{id:(0,n.validateType)(["Identifier"],qualification:(0,n.validateType)(["Identifier"],["QualifiedTypeIdentifier"])}]),
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(0,n.default)(["SymbolTypeAnnotation"],{aliases:[["Flow"],["FlowType"],["FlowBaseAnnotation"]]}),
(0,n.default)(["ThisTypeAnnotation"],{aliases:[["Flow"],["FlowType"],["FlowBaseAnnotation"]]}),
(0,n.default)(["TupleTypeAnnotation"],{visitor:[["types"],aliases:[["Flow"],["FlowType"],fields:{types:(0,n.validate)(0,n.arrayOfType)(["FlowType"])}]),
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(0,n.default)(["TypeParameter"],{aliases:[["Flow"],visitor:[["bound"],["default"],

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variance\\",fields:{name:(0,n.validate)((0,n.assertValueType)(\\"string\\")),bound:(0,n.validateOptionalType)(\\"
TypeAnnotation\\"),default:(0,n.validateOptionalType)(\\"FlowType\\"),variance:(0,n.validateOptionalType)(\\"V
ariance\\"))},(0,n.default)(\\"TypeParameterDeclaration\\",{aliases:[\\"Flow\\"],visitor:[\\"params\\"],fields:{pa
rams:(0,n.validate)((0,n.arrayOfType)(\\"TypeParameter\\"))}), (0,n.default)(\\"TypeParameterInstantiation\\",{al
aliases:[\\"Flow\\"],visitor:[\\"params\\"],fields:{params:(0,n.validate)((0,n.arrayOfType)(\\"FlowType\\"))}), (0,n
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d\\"],fields:{kind:(0,n.validate)((0,n.assertOneOf)(\\"minus\\",\\"plus\\"))}), (0,n.default)(\\"VoidTypeAnnotatio
n\\",{aliases:[\\"Flow\\",\\"FlowType\\",\\"FlowBaseAnnotation\\"]}), (0,n.default)(\\"EnumDeclaration\\",{alia
ses:[\\"Statement\\",\\"Declaration\\"],visitor:[\\"id\\",\\"body\\"],fields:{id:(0,n.validateType)(\\"Identifier\\"),
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bolBody\\"))}), (0,n.default)(\\"EnumBooleanBody\\",{aliases:[\\"EnumBody\\"],visitor:[\\"members\\"],fields:
{explicit:(0,n.validate)((0,n.assertValueType)(\\"boolean\\")),members:(0,n.validateArrayOfType)(\\"EnumBoolea
nMember\\"))}), (0,n.default)(\\"EnumNumberBody\\",{aliases:[\\"EnumBody\\"],visitor:[\\"members\\"],fields:
{explicit:(0,n.validate)((0,n.assertValueType)(\\"boolean\\")),members:(0,n.validateArrayOfType)(\\"EnumNumb
erMember\\"))}), (0,n.default)(\\"EnumStringBody\\",{aliases:[\\"EnumBody\\"],visitor:[\\"members\\"],fields:{
explicit:(0,n.validate)((0,n.assertValueType)(\\"boolean\\")),members:(0,n.validateArrayOfType)(\\"EnumString
Member\\",\\"EnumDefaultedMember\\"))}), (0,n.default)(\\"EnumSymbolBody\\",{aliases:[\\"EnumBody\\"],
visitor:[\\"members\\"],fields:{members:(0,n.validateArrayOfType)(\\"EnumDefaultedMember\\"))}), (0,n.default
)(\\"EnumBooleanMember\\",{aliases:[\\"EnumMember\\"],visitor:[\\"id\\"],fields:{id:(0,n.validateType)(\\"Ide
ntifier\\"),init:(0,n.validateType)(\\"BooleanLiteral\\"))}), (0,n.default)(\\"EnumNumberMember\\",{aliases:[\\"E
numMember\\"],visitor:[\\"id\\",\\"init\\"],fields:{id:(0,n.validateType)(\\"Identifier\\"),init:(0,n.validateType)(\\"
NumericLiteral\\"))}), (0,n.default)(\\"EnumStringMember\\",{aliases:[\\"EnumMember\\"],visitor:[\\"id\\",\\"i
nit\\"],fields:{id:(0,n.validateType)(\\"Identifier\\"),init:(0,n.validateType)(\\"StringLiteral\\"))}), (0,n.default)(\\"
EnumDefaultedMember\\",{aliases:[\\"EnumMember\\"],visitor:[\\"id\\"],fields:{id:(0,n.validateType)(\\"Identifi
er\\"))}}),function(e,t,r){\\"use strict\\";var n=function(e){if(e&&e.__esModule)return
e;if(null===e){\\"object\\"!=typeof e&&\\"function\\"!=typeof e)return{default:e};var t=i;if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get|a.set)?Object.defineProperty(r,s,a):r[s]=e[s]r.default=e
,t&&t.set(e,r);return r}(r(9));function i(){if(\\"function\\"!=typeof WeakMap)return null;var e=new
WeakMap;return i=function(){return
e,e}(0,n.default)(\\"JSXAttribute\\",{visitor:[\\"name\\",\\"value\\"],aliases:[\\"JSX\\",\\"Immutable\\"],fields:
{name:{validate:(0,n.assertNodeType)(\\"JSXIdentifier\\",\\"JSXNamespacedName\\"),value:{optional:!0,valida
te:(0,n.assertNodeType)(\\"JSXElement\\",\\"JSXFragment\\",\\"StringLiteral\\",\\"JSXExpressionContainer\\"
)}}}), (0,n.default)(\\"JSXClosingElement\\",{visitor:[\\"name\\"],aliases:[\\"JSX\\",\\"Immutable\\"],fields:{na
me:{validate:(0,n.assertNodeType)(\\"JSXIdentifier\\",\\"JSXMemberExpression\\",\\"JSXNamespacedName\\"
)}}}), (0,n.default)(\\"JSXElement\\",{builder:[\\"openingElement\\",\\"closingElement\\",\\"children\\",\\"selfC
losing\\"],visitor:[\\"openingElement\\",\\"children\\",\\"closingElement\\"],aliases:[\\"JSX\\",\\"Immutable\\",
\\"Expression\\"],fields:{openingElement:{validate:(0,n.assertNodeType)(\\"JSXOpeningElement\\"}},closingEle
ment:{optional:!0,validate:(0,n.assertNodeType)(\\"JSXClosingElement\\"}},children:{validate:(0,n.chain)((0,n.as
sertValueType)(\\"array\\"), (0,n.assertEach)((0,n.assertNodeType)(\\"JSXText\\",\\"JSXExpressionContainer\\",\\
\\"JSXSpreadChild\\",\\"JSXElement\\",\\"JSXFragment\\"))},selfClosing:{validate:(0,n.assertValueType)(\\"bo
olean\\"),optional:!0}}}), (0,n.default)(\\"JSXEmptyExpression\\",{aliases:[\\"JSX\\"]}), (0,n.default)(\\"JSXExpr
essionContainer\\",{visitor:[\\"expression\\"],aliases:[\\"JSX\\",\\"Immutable\\"],fields:{expression:{validate:(0,
n.assertNodeType)(\\"Expression\\",\\"JSXEmptyExpression\\"))}}}), (0,n.default)(\\"JSXSpreadChild\\",{visitor:
[\\"expression\\"],aliases:[\\"JSX\\",\\"Immutable\\"],fields:{expression:{validate:(0,n.assertNodeType)(\\"Expr
ession\\"))}}}), (0,n.default)(\\"JSXIdentifier\\",{builder:[\\"name\\"],aliases:[\\"JSX\\"],fields:{name:{validate:(

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0,n.assertValueType)(\\"string\\")}})),(0,n.default)(\\"JSXMemberExpression\\",{ visitor:[\\"object\\",\\"propert
y\\"],aliases:[\\"JSX\\"],fields:{ object: { validate:(0,n.assertNodeType)(\\"JSXMemberExpression\\",\\"JSXIdentif
ier\\")},property:{ validate:(0,n.assertNodeType)(\\"JSXIdentifier\\")}})),(0,n.default)(\\"JSXNamespacedName\\
",{ visitor:[\\"namespace\\",\\"name\\"],aliases:[\\"JSX\\"],fields:{ namespace: { validate:(0,n.assertNodeType)(\\"
JSXIdentifier\\")},name: { validate:(0,n.assertNodeType)(\\"JSXIdentifier\\")}})),(0,n.default)(\\"JSXOpeningEle
ment\\",{ builder:[\\"name\\",\\"attributes\\",\\"selfClosing\\"],visitor:[\\"name\\",\\"attributes\\"],aliases:[\\"JS
X\\",\\"Immutable\\"],fields:{ name: { validate:(0,n.assertNodeType)(\\"JSXIdentifier\\",\\"JSXMemberExpressio
n\\",\\"JSXNamespacedName\\")},selfClosing: { default:!1},attributes: { validate:(0,n.chain)((0,n.assertValueType)(\
\\"array\\"),(0,n.assertEach)((0,n.assertNodeType)(\\"JSXAttribute\\",\\"JSXSpreadAttribute\\"))}},typeParameter
s: { validate:(0,n.assertNodeType)(\\"TypeParameterInstantiation\\",\\"TSTypeParameterInstantiation\\"),optional:!
0}})),(0,n.default)(\\"JSXSpreadAttribute\\",{ visitor:[\\"argument\\"],aliases:[\\"JSX\\"],fields:{ argument: { valid
ate:(0,n.assertNodeType)(\\"Expression\\")}})),(0,n.default)(\\"JSXText\\",{ aliases:[\\"JSX\\",\\"Immutable\\"],
builder:[\\"value\\"],fields:{ value: { validate:(0,n.assertValueType)(\\"string\\")}})),(0,n.default)(\\"JSXFragment\
",{ builder:[\\"openingFragment\\",\\"closingFragment\\",\\"children\\"],visitor:[\\"openingFragment\\",\\"chil
dren\\",\\"closingFragment\\"],aliases:[\\"JSX\\",\\"Immutable\\",\\"Expression\\"],fields:{ openingFragment: { v
alidate:(0,n.assertNodeType)(\\"JSXOpeningFragment\\")},closingFragment: { validate:(0,n.assertNodeType)(\\"JS
XClosingFragment\\")},children: { validate:(0,n.chain)((0,n.assertValueType)(\\"array\\"),(0,n.assertEach)((0,n.asse
rtNodeType)(\\"JSXText\\",\\"JSXExpressionContainer\\",\\"JSXSpreadChild\\",\\"JSXElement\\",\\"JSXFrage
ment\\"))}})),(0,n.default)(\\"JSXOpeningFragment\\",{ aliases:[\\"JSX\\",\\"Immutable\\"]}),(0,n.default)(\\"J
SXClosingFragment\\",{ aliases:[\\"JSX\\",\\"Immutable\\"]}),function(e,t,r){\\"use strict\\";var
n=function(e){if(e&&e.__esModule)return e;if(null===e||\\"object\\"!=typeof e&&\\"function\\"!=typeof
e)return { default:e};var t=s();if(t&&t.has(e))return t.get(e);var
r={ },n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){ var
a=n?Object.getOwnPropertyDescriptor(e,i):null;a&&(a.get|a.set)?Object.defineProperty(r,i,a):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(9)),i=r(83);function s(){if(\\"function\\"!=typeof WeakMap)return null;var e=new
WeakMap;return s=function(){return
e,e}(0,n.default)(\\"Noop\\"",{ visitor:[]}),(0,n.default)(\\"Placeholder\\"",{ visitor:[],builder:[\\"expectedNode\\"],\
"name\\"],fields:{ name: { validate:(0,n.assertNodeType)(\\"Identifier\\")},expectedNode: { validate:(0,n.assertOneO
f)(...i.PLACEHOLDERS)}})),(0,n.default)(\\"V8IntrinsicIdentifier\\",{ builder:[\\"name\\"],fields:{ name: { validat
e:(0,n.assertValueType)(\\"string\\")}}}),function(e,t,r){\\"use strict\\";var
n=function(e){if(e&&e.__esModule)return e;if(null===e||\\"object\\"!=typeof e&&\\"function\\"!=typeof
e)return { default:e};var t=s();if(t&&t.has(e))return t.get(e);var
r={ },n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){ var
a=n?Object.getOwnPropertyDescriptor(e,i):null;a&&(a.get|a.set)?Object.defineProperty(r,i,a):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(9)),i=r(50);function s(){if(\\"function\\"!=typeof WeakMap)return null;var e=new
WeakMap;return s=function(){return
e,e}(0,n.default)(\\"ArgumentPlaceholder\\",{ }),0,n.default)(\\"BindExpression\\",{ visitor:[\\"object\\",\\"calle
e\\"],aliases:[\\"Expression\\"],fields:process.env.BABEL_TYPES_8_BREAKING?{ object: { validate:(0,n.assertN
odeType)(\\"Expression\\")},callee: { validate:(0,n.assertNodeType)(\\"Expression\\")}: { object: { validate:Object.a
ssign(=>{ },{ oneOfNodeTypes:[\\"Expression\\"]})},callee: { validate:Object.assign(=>{ },{ oneOfNodeTypes:[\
\\"Expression\\"]})}})),(0,n.default)(\\"ClassProperty\\",{ visitor:[\\"key\\",\\"value\\",\\"typeAnnotation\\",\\"de
corators\\"],builder:[\\"key\\",\\"value\\",\\"typeAnnotation\\",\\"decorators\\",\\"computed\\",\\"static\\"],alia
ses:[\\"Property\\"],fields:Object.assign({ },i.classMethodOrPropertyCommon,{ value: { validate:(0,n.assertNodeTyp
e)(\\"Expression\\")},optional:!0},definite: { validate:(0,n.assertValueType)(\\"boolean\\"),optional:!0},typeAnnotati
on: { validate:(0,n.assertNodeType)(\\"TypeAnnotation\\",\\"TSTypeAnnotation\\",\\"Noop\\"),optional:!0},decor
ators: { validate:(0,n.chain)((0,n.assertValueType)(\\"array\\"),(0,n.assertEach)((0,n.assertNodeType)(\\"Decorator\

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\))),optional:!0},readonly:{ validate:(0,n.assertValueType)(\\"boolean\\"),optional:!0},declare:{ validate:(0,n.assert
ValueType)(\\"boolean\\"),optional:!0 })),(0,n.default)(\\"PipelineTopicExpression\\",{ builder:[\\"expression\\
"],visitor:[\\"expression\\"],fields: { expression: { validate:(0,n.assertNodeType)(\\"Expression\\") } } }),(0,n.default)(
\\"PipelineBareFunction\\",{ builder:[\\"callee\\"],visitor:[\\"callee\\"],fields: { callee: { validate:(0,n.assertNodeTyp
e)(\\"Expression\\") } } }),(0,n.default)(\\"PipelinePrimaryTopicReference\\",{ aliases:[\\"Expression\\" ]}), (0,n.def
ault)(\\"ClassPrivateProperty\\",{ visitor:[\\"key\\",\\"value\\",\\"decorators\\"],builder:[\\"key\\",\\"value\\",\
"decorators\\",\\"static\\"],aliases:[\\"Property\\",\\"Private\\"],fields: { key: { validate:(0,n.assertNodeType)(\\"Pri
vateName\\" ) },value: { validate:(0,n.assertNodeType)(\\"Expression\\"),optional:!0},decorators: { validate:(0,n.chain
)((0,n.assertValueType)(\\"array\\"),(0,n.assertEach)((0,n.assertNodeType)(\\"Decorator\\"))),optional:!0 } } }),(0,n.
default)(\\"ClassPrivateMethod\\",{ builder:[\\"kind\\",\\"key\\",\\"params\\",\\"body\\",\\"static\\"],visitor:[\
"key\\",\\"params\\",\\"body\\",\\"decorators\\",\\"returnType\\",\\"typeParameters\\"],aliases:[\\"Function\\",
\\"Scopable\\",\\"BlockParent\\",\\"FunctionParent\\",\\"Method\\",\\"Private\\"],fields: Object.assign({ ,i.class
MethodOrDeclareMethodCommon,i.functionTypeAnnotationCommon, { key: { validate:(0,n.assertNodeType)(\\"Priv
ateName\\" ) },body: { validate:(0,n.assertNodeType)(\\"BlockStatement\\") } } }),(0,n.default)(\\"ImportAttribute\\
",{ visitor:[\\"key\\",\\"value\\"],fields: { key: { validate:(0,n.assertNodeType)(\\"Identifier\\",\\"StringLiteral\\") },v
alue: { validate:(0,n.assertNodeType)(\\"StringLiteral\\") } } }),(0,n.default)(\\"Decorator\\",{ visitor:[\\"expression\\
\"],fields: { expression: { validate:(0,n.assertNodeType)(\\"Expression\\") } } }),(0,n.default)(\\"DoExpression\\",{ visi
tor:[\\"body\\"],aliases:[\\"Expression\\"],fields: { body: { validate:(0,n.assertNodeType)(\\"BlockStatement\\") } } }
),(0,n.default)(\\"ExportDefaultSpecifier\\",{ visitor:[\\"exported\\"],aliases:[\\"ModuleSpecifier\\"],fields: { export
ed: { validate:(0,n.assertNodeType)(\\"Identifier\\") } } }),(0,n.default)(\\"PrivateName\\",{ visitor:[\\"id\\"],aliases:[
\\"Private\\"],fields: { id: { validate:(0,n.assertNodeType)(\\"Identifier\\") } } }),(0,n.default)(\\"RecordExpression\\",
{ visitor:[\\"properties\\"],aliases:[\\"Expression\\"],fields: { properties: { validate:(0,n.chain)((0,n.assertValueType)(
\\"array\\"),(0,n.assertEach)((0,n.assertNodeType)(\\"ObjectProperty\\",\\"SpreadElement\\")) } } }),(0,n.default)(
\\"TupleExpression\\",{ fields: { elements: { validate:(0,n.chain)((0,n.assertValueType)(\\"array\\"),(0,n.assertEach)(
(0,n.assertNodeType)(\\"Expression\\",\\"SpreadElement\\"))),default:[] },visitor:[\\"elements\\"],aliases:[\\"Ex
pression\\" ]}), (0,n.default)(\\"DecimalLiteral\\",{ builder:[\\"value\\"],fields: { value: { validate:(0,n.assertValueTyp
e)(\\"string\\") } },aliases:[\\"Expression\\",\\"Pureish\\",\\"Literal\\",\\"Immutable\\" ]}), (0,n.default)(\\"StaticB
lock\\",{ visitor:[\\"body\\"],fields: { body: { validate:(0,n.chain)((0,n.assertValueType)(\\"array\\"),(0,n.assertEach)
((0,n.assertNodeType)(\\"Statement\\")) } },aliases:[\\"Scopable\\",\\"BlockParent\\" ] } },function(e,t,r){\\"use
strict\\";var n=function(e){if(e&&e.__esModule)return e;if(null===e||\\"object\\"!=typeof
e&&\\"function\\"!=typeof e)return { default:e };var t=s();if(t&&t.has(e))return t.get(e);var
r={ },n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){ var
a=n?Object.getOwnPropertyDescriptor(e,i):null;a&&(a.get||a.set)?Object.defineProperty(r,i,a):r[i]=e[i] }r.default=e,t
&&t.set(e,r);return r}(r(9)),i=r(50);function s(){if(\\"function\\"!=typeof WeakMap)return null;var e=new
WeakMap;return s=function(){ return e },e }const
a=(0,n.assertValueType)(\\"boolean\\"),o={ returnType: { validate:(0,n.assertNodeType)(\\"TSTypeAnnotation\\",\
\\"Noop\\"),optional:!0 },typeParameters: { validate:(0,n.assertNodeType)(\\"TSTypeParameterDeclaration\\",\\"No
op\\"),optional:!0 } }),(0,n.default)(\\"TSParameterProperty\\",{ aliases:[\\"LVal\\"],visitor:[\\"parameter\\"],fields:
{ accessibility: { validate:(0,n.assertOneOf)(\\"public\\",\\"private\\",\\"protected\\"),optional:!0 },readonly: { validat
e:(0,n.assertValueType)(\\"boolean\\"),optional:!0 },parameter: { validate:(0,n.assertNodeType)(\\"Identifier\\",\\"
AssignmentPattern\\") } } }),(0,n.default)(\\"TSDeclareFunction\\",{ aliases:[\\"Statement\\",\\"Declaration\\"],visi
tor:[\\"id\\",\\"typeParameters\\",\\"params\\",\\"returnType\\"],fields: Object.assign({ ,i.functionDeclarationCo
mmon,o }),(0,n.default)(\\"TSDeclareMethod\\",{ visitor:[\\"decorators\\",\\"key\\",\\"typeParameters\\",\\"para
ms\\",\\"returnType\\"],fields: Object.assign({ ,i.classMethodOrDeclareMethodCommon,o }),(0,n.default)(\\"TSQ
ualifiedName\\",{ aliases:[\\"TSEntityName\\"],visitor:[\\"left\\",\\"right\\"],fields: { left: (0,n.validateType)(\\"TS
EntityName\\"),right: (0,n.validateType)(\\"Identifier\\") } } );const
l={ typeParameters: (0,n.validateOptionalType)(\\"TSTypeParameterDeclaration\\"),parameters: (0,n.validateArrayO

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fType)(["Identifier"],["RestElement"],typeAnnotation:(0,n.validateOptionalType)("TSTypeAnnotation"))
},c={aliases:["TSTypeElement"],visitor:["typeParameters","parameters","typeAnnotation"],fields:l
};(0,n.default)("TSCallSignatureDeclaration",c),(0,n.default)("TSConstructSignatureDeclaration",c);const
p={key:(0,n.validateType)("Expression"),computed:(0,n.validate)(a),optional:(0,n.validateOptional)(a)};(0,n.def
ault)("TSPropertySignature",{aliases:["TSTypeElement"],visitor:["key","typeAnnotation","initial
izer"],fields:Object.assign({},p,{readonly:(0,n.validateOptional)(a),typeAnnotation:(0,n.validateOptionalType)("
TSTypeAnnotation"),initializer:(0,n.validateOptionalType)("Expression")}),},(0,n.default)("TSMethodSig
nature",{aliases:["TSTypeElement"],visitor:["key","typeParameters","parameters","typeAnnota
tion"],fields:Object.assign({},l,p)},(0,n.default)("TSIndexSignature",{aliases:["TSTypeElement"],visitor:
["parameters","typeAnnotation"],fields:{readonly:(0,n.validateOptional)(a),parameters:(0,n.validateArrayOf
Type)("Identifier"),typeAnnotation:(0,n.validateOptionalType)("TSTypeAnnotation")});const
u=["TSAnyKeyword","TSBooleanKeyword","TSBigIntKeyword","TSIntrinsicKeyword","TSNe
verKeyword","TSNullKeyword","TSNumberKeyword","TSObjectKeyword","TSStringKeyword"
,"TSSymbolKeyword","TSUndefinedKeyword","TSUnknownKeyword","TSVoidKeyword"];for(c
onst e of
u)(0,n.default)(e,{aliases:["TSType","TSBaseType"],visitor:[],fields:{}});(0,n.default)("TSThisType",{
aliases:["TSType","TSBaseType"],visitor:[],fields:{});const
d={aliases:["TSType"],visitor:["typeParameters","parameters","typeAnnotation"],fields:l};(0,n.defa
ult)("TSFunctionType",d),(0,n.default)("TSConstructorType",d),(0,n.default)("TSTypeReference",{alia
ses:["TSType"],visitor:["typeName","typeParameters"],fields:{typeName:(0,n.validateType)("TSEnti
tyName"),typeParameters:(0,n.validateOptionalType)("TSTypeParameterInstantiation")}),},(0,n.default)("T
STypePredicate",{aliases:["TSType"],visitor:["parameterName","typeAnnotation"],builder:["param
eterName","typeAnnotation","asserts"],fields:{parameterName:(0,n.validateType)("Identifier"),"TS
ThisType"},typeAnnotation:(0,n.validateOptionalType)("TSTypeAnnotation"),asserts:(0,n.validateOptional)(
a)}),},(0,n.default)("TSTypeQuery",{aliases:["TSType"],visitor:["exprName"],fields:{exprName:(0,n.va
lidateType)("TSEntityName","TSImportType")}),},(0,n.default)("TSTypeLiteral",{aliases:["TSType
"],visitor:["members"],fields:{members:(0,n.validateArrayOfType)("TSTypeElement")}),},(0,n.default)("
TSArrayType",{aliases:["TSType"],visitor:["elementType"],fields:{elementType:(0,n.validateType)("
TSType")}),},(0,n.default)("TSTupleType",{aliases:["TSType"],visitor:["elementTypes"],fields:{elem
entTypes:(0,n.validateArrayOfType)("TSType","TSNamedTupleMember")}),},(0,n.default)("TSOptiona
lType",{aliases:["TSType"],visitor:["typeAnnotation"],fields:{typeAnnotation:(0,n.validateType)("TST
ype")}),},(0,n.default)("TSRestType",{aliases:["TSType"],visitor:["typeAnnotation"],fields:{typeAnn
otation:(0,n.validateType)("TSType")}),},(0,n.default)("TSNamedTupleMember",{visitor:["label","el
ementType"],builder:["label","elementType","optional"],fields:{label:(0,n.validateType)("Identifier
"),optional:{validate:a,default:!1},elementType:(0,n.validateType)("TSType")});const
h={aliases:["TSType"],visitor:["types"],fields:{types:(0,n.validateArrayOfType)("TSType")}};(0,n.defa
ult)("TSUnionType",h),(0,n.default)("TSIntersectionType",h),(0,n.default)("TSConditionalType",{alias
es:["TSType"],visitor:["checkType","extendsType","trueType","falseType"],fields:{checkType
:(0,n.validateType)("TSType"),extendsType:(0,n.validateType)("TSType"),trueType:(0,n.validateType)("
TSType"),falseType:(0,n.validateType)("TSType")}),},(0,n.default)("TSInferType",{aliases:["TSType"
],visitor:["typeParameter"],fields:{typeParameter:(0,n.validateType)("TSTypeParameter")}),},(0,n.default)(
["TSParenthesizedType",{aliases:["TSType"],visitor:["typeAnnotation"],fields:{typeAnnotation:(0,n.val
idateType)("TSType")}),},(0,n.default)("TSTypeOperator",{aliases:["TSType"],visitor:["typeAnnotati
on"],fields:{operator:(0,n.validate)((0,n.assertValueType)("string")),typeAnnotation:(0,n.validateType)("TS
Type")}),},(0,n.default)("TSIndexedAccessType",{aliases:["TSType"],visitor:["objectType","index
Type"],fields:{objectType:(0,n.validateType)("TSType"),indexType:(0,n.validateType)("TSType")}),},(0,
n.default)("TSMappedType",{aliases:["TSType"],visitor:["typeParameter","typeAnnotation","na
meType"],fields:{readonly:(0,n.validateOptional)(a),typeParameter:(0,n.validateType)("TSTypeParameter"),o

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tional:!0},default:{validate:(0,n.assertNodeType)(\\"TSType\\"),optional:!0}}},function(e,t,r){\\"use strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=function(e){if(!(0,i.default)(e)){var t;const r=null!=(t=null==e?void 0:e.type)?t.JSON.stringify(e):throw new TypeError(\\Not a valid node of type

```

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\\{"r"}\\");var n,i=(n=r(84))&&n.__esModule?n:{default:n},function(e,t,r){\\use
strict\\";Object.defineProperty(t,\\__esModule\\",{value:!0}),t.assertArrayExpression=function(e,t={}){s(\\Array
Expression\\",e,t)},t.assertAssignmentExpression=function(e,t={}){s(\\AssignmentExpression\\",e,t)},t.assertBi
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llExpression\\",e,t)},t.assertCatchClause=function(e,t={}){s(\\CatchClause\\",e,t)},t.assertConditionalExpression
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ment\\",e,t)},t.assertExpressionStatement=function(e,t={}){s(\\ExpressionStatement\\",e,t)},t.assertFile=function
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nt=function(e,t={}){s(\\ForStatement\\",e,t)},t.assertFunctionDeclaration=function(e,t={}){s(\\FunctionDeclarat
ion\\",e,t)},t.assertFunctionExpression=function(e,t={}){s(\\FunctionExpression\\",e,t)},t.assertIdentifier=functio
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rtExportAllDeclaration=function(e,t={}){s(\\ExportAllDeclaration\\",e,t)},t.assertExportDefaultDeclaration=funct
ion(e,t={}){s(\\ExportDefaultDeclaration\\",e,t)},t.assertExportNamedDeclaration=function(e,t={}){s(\\Export
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thod=function(e,t={}){s(\\ClassMethod\\",e,t)},t.assertObjectPattern=function(e,t={}){s(\\ObjectPattern\\",e,t)
},t.assertSpreadElement=function(e,t={}){s(\\SpreadElement\\",e,t)},t.assertSuper=function(e,t={}){s(\\Super\\",
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eElement=function(e,t={}){s(\\TemplateElement\\",e,t)},t.assertTemplateLiteral=function(e,t={}){s(\\Template

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Literal\\",e,t)},t.assertYieldExpression=function(e,t={}){s(\\\"YieldExpression\\\",e,t)},t.assertAwaitExpression=fun
nction(e,t={}){s(\\\"AwaitExpression\\\",e,t)},t.assertImport=function(e,t={}){s(\\\"Import\\\",e,t)},t.assertBigIntLite
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\\",e,t)},t.assertEnumStringMember=function(e,t={}){s(\\\\"EnumStringMember\\",e,t)},t.assertEnumDefaultedMember=function(e,t={}){s(\\\\"EnumDefaultedMember\\",e,t)},t.assertJSXAttribute=function(e,t={}){s(\\\\"JSXAttribute\\",e,t)},t.assertJSXClosingElement=function(e,t={}){s(\\\\"JSXClosingElement\\",e,t)},t.assertJSXElement=function(e,t={}){s(\\\\"JSXElement\\",e,t)},t.assertJSXEmptyExpression=function(e,t={}){s(\\\\"JSXEmptyExpression\\",e,t)},t.assertJSXExpressionContainer=function(e,t={}){s(\\\\"JSXExpressionContainer\\",e,t)},t.assertJSXSpreadChild=function(e,t={}){s(\\\\"JSXSpreadChild\\",e,t)},t.assertJSXIdentifier=function(e,t={}){s(\\\\"JSXIdentifier\\",e,t)},t.assertJSXMemberExpression=function(e,t={}){s(\\\\"JSXMemberExpression\\",e,t)},t.assertJSXNamespacedName=function(e,t={}){s(\\\\"JSXNamespacedName\\",e,t)},t.assertJSXOpeningElement=function(e,t={}){s(\\\\"JSXOpeningElement\\",e,t)},t.assertJSXSpreadAttribute=function(e,t={}){s(\\\\"JSXSpreadAttribute\\",e,t)},t.assertJSXText=function(e,t={}){s(\\\\"JSXText\\",e,t)},t.assertJSXFragment=function(e,t={}){s(\\\\"JSXFragment\\",e,t)},t.assertJSXOpeningFragment=function(e,t={}){s(\\\\"JSXOpeningFragment\\",e,t)},t.assertJSXClosingFragment=function(e,t={}){s(\\\\"JSXClosingFragment\\",e,t)},t.assertNoop=function(e,t={}){s(\\\\"Noop\\",e,t)},t.assertPlaceholder=function(e,t={}){s(\\\\"Placeholder\\",e,t)},t.assertV8IntrinsicIdentifier=function(e,t={}){s(\\\\"V8IntrinsicIdentifier\\",e,t)},t.assertArgumentPlaceholder=function(e,t={}){s(\\\\"ArgumentPlaceholder\\",e,t)},t.assertBindExpression=function(e,t={}){s(\\\\"BindExpression\\",e,t)},t.assertClassProperty=function(e,t={}){s(\\\\"ClassProperty\\",e,t)},t.assertPipelineTopicExpression=function(e,t={}){s(\\\\"PipelineTopicExpression\\",e,t)},t.assertPipelineBareFunction=function(e,t={}){s(\\\\"PipelineBareFunction\\",e,t)},t.assertPipelinePrimaryTopicReference=function(e,t={}){s(\\\\"PipelinePrimaryTopicReference\\",e,t)},t.assertClassPrivateProperty=function(e,t={}){s(\\\\"ClassPrivateProperty\\",e,t)},t.assertClassPrivateMethod=function(e,t={}){s(\\\\"ClassPrivateMethod\\",e,t)},t.assertImportAttribute=function(e,t={}){s(\\\\"ImportAttribute\\",e,t)},t.assertDecorator=function(e,t={}){s(\\\\"Decorator\\",e,t)},t.assertDoExpression=function(e,t={}){s(\\\\"DoExpression\\",e,t)},t.assertExportDefaultSpecifier=function(e,t={}){s(\\\\"ExportDefaultSpecifier\\",e,t)},t.assertPrivateName=function(e,t={}){s(\\\\"PrivateName\\",e,t)},t.assertRecordExpression=function(e,t={}){s(\\\\"RecordExpression\\",e,t)},t.assertTupleExpression=function(e,t={}){s(\\\\"TupleExpression\\",e,t)},t.assertDecimalLiteral=function(e,t={}){s(\\\\"DecimalLiteral\\",e,t)},t.assertStaticBlock=function(e,t={}){s(\\\\"StaticBlock\\",e,t)},t.assertTSParameterProperty=function(e,t={}){s(\\\\"TSParameterProperty\\",e,t)},t.assertTSDeclareFunction=function(e,t={}){s(\\\\"TSDeclareFunction\\",e,t)},t.assertTSDeclareMethod=function(e,t={}){s(\\\\"TSDeclareMethod\\",e,t)},t.assertTSQualifiedName=function(e,t={}){s(\\\\"TSQualifiedName\\",e,t)},t.assertTSCallSignatureDeclaration=function(e,t={}){s(\\\\"TSCallSignatureDeclaration\\",e,t)},t.assertTSConstructSignatureDeclaration=function(e,t={}){s(\\\\"TSConstructSignatureDeclaration\\",e,t)},t.assertTSPropertySignature=function(e,t={}){s(\\\\"TSPropertySignature\\",e,t)},t.assertTSMethodSignature=function(e,t={}){s(\\\\"TSMethodSignature\\",e,t)},t.assertTSIndexSignature=function(e,t={}){s(\\\\"TSIndexSignature\\",e,t)},t.assertTSAnyKeyword=function(e,t={}){s(\\\\"TSAnyKeyword\\",e,t)},t.assertTSBooleanKeyword=function(e,t={}){s(\\\\"TSBooleanKeyword\\",e,t)},t.assertTSBigIntKeyword=function(e,t={}){s(\\\\"TSBigIntKeyword\\",e,t)},t.assertTSIntrinsicKeyword=function(e,t={}){s(\\\\"TSIntrinsicKeyword\\",e,t)},t.assertTSNeverKeyword=function(e,t={}){s(\\\\"TSNeverKeyword\\",e,t)},t.assertTSNullKeyword=function(e,t={}){s(\\\\"TSNullKeyword\\",e,t)},t.assertTSNumberKeyword=function(e,t={}){s(\\\\"TSNumberKeyword\\",e,t)},t.assertTSObjectKeyword=function(e,t={}){s(\\\\"TSObjectKeyword\\",e,t)},t.assertTSStringKeyword=function(e,t={}){s(\\\\"TSStringKeyword\\",e,t)},t.assertTSSymbolKeyword=function(e,t={}){s(\\\\"TSSymbolKeyword\\",e,t)},t.assertTSUndefinedKeyword=function(e,t={}){s(\\\\"TSUndefinedKeyword\\",e,t)},t.assertTSUnknownKeyword=function(e,t={}){s(\\\\"TSUnknownKeyword\\",e,t)},t.assertTSVoidKeyword=function(e,t={}){s(\\\\"TSVoidKeyword\\",e,t)},t.assertTSThisType=function(e,t={}){s(\\\\"TSThisType\\",e,t)},t.assertTSFunctionType=function(e,t={}){s(\\\\"TSFunctionType\\",e,t)},t.assertTSConstructorType=function(e,t={}){s(\\\\"TSConstructorType\\",e,t)},t.assertTSTypeReference=function(e,t={}){s(\\\\"TSTypeReference\\",e,t)},t.assertTSTypePredicate=function(e,t={}){s(\\\\"TSTypePredicate\\",e,t)},t.assertTSTypeQuery=function(e,t={}){s(\\\\"TSTypeQuery\\",e,t)},t.assertTSTypeLiteral=function(e,t={}){s(\\\\"TSTypeLiteral\\",e,t)},t.assertTSArrayType=function(e,t={}){s(\\\\"TSArrayType\\",e,t)},t.assertTSTupleType=function(e,t={}){s(\\\\"TSTupleType\\",e,t)},t.assertTSOptionalType=function(e,t={}){s(\\\\"TSOptionalType\\",e,t)},t.assertTSRestType=function(e,t={}){s(\\\\"TSRestType\\",e,t)},t.assertTSNamedTupleMember=function(e,t={}){s(\\\\"TSNamedTupleMember\\",e,t)},t.assertTSUnionType=function(e,t={}){s(\\\\"TSUnionType\\",e,t)},t.assertTSIntersectionType=function(e,t={}){s(\\\\"TSIntersectionType\\",e,t)}

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nType\\",e,t)},t.assertTSConditionalType=function(e,t={}){s(\\\"TSConditionalType\\\",e,t)},t.assertTSInferType=function(e,t={}){s(\\\"TSInferType\\\",e,t)},t.assertTSParenthesizedType=function(e,t={}){s(\\\"TSParenthesizedType\\\",e,t)},t.assertTSTypeOperator=function(e,t={}){s(\\\"TSTypeOperator\\\",e,t)},t.assertTSIndexedAccessType=function(e,t={}){s(\\\"TSIndexedAccessType\\\",e,t)},t.assertTSMappedType=function(e,t={}){s(\\\"TSMappedType\\\",e,t)},t.assertTSLiteralType=function(e,t={}){s(\\\"TSLiteralType\\\",e,t)},t.assertTSExpressionWithTypeArguments=function(e,t={}){s(\\\"TSExpressionWithTypeArguments\\\",e,t)},t.assertTSInterfaceDeclaration=function(e,t={}){s(\\\"TSInterfaceDeclaration\\\",e,t)},t.assertTSInterfaceBody=function(e,t={}){s(\\\"TSInterfaceBody\\\",e,t)},t.assertTSTypeAliasDeclaration=function(e,t={}){s(\\\"TSTypeAliasDeclaration\\\",e,t)},t.assertTSAsExpression=function(e,t={}){s(\\\"TSAsExpression\\\",e,t)},t.assertTSTypeAssertion=function(e,t={}){s(\\\"TSTypeAssertion\\\",e,t)},t.assertTSEnumDeclaration=function(e,t={}){s(\\\"TSEnumDeclaration\\\",e,t)},t.assertTSEnumMember=function(e,t={}){s(\\\"TSEnumMember\\\",e,t)},t.assertTSModuleDeclaration=function(e,t={}){s(\\\"TSModuleDeclaration\\\",e,t)},t.assertTSModuleBlock=function(e,t={}){s(\\\"TSModuleBlock\\\",e,t)},t.assertTSImportType=function(e,t={}){s(\\\"TSImportType\\\",e,t)},t.assertTSImportEqualsDeclaration=function(e,t={}){s(\\\"TSImportEqualsDeclaration\\\",e,t)},t.assertTSExternalModuleReference=function(e,t={}){s(\\\"TSExternalModuleReference\\\",e,t)},t.assertTSNonNullExpression=function(e,t={}){s(\\\"TSNonNullExpression\\\",e,t)},t.assertTSExportAssignment=function(e,t={}){s(\\\"TSExportAssignment\\\",e,t)},t.assertTSNamespaceExportDeclaration=function(e,t={}){s(\\\"TSNamespaceExportDeclaration\\\",e,t)},t.assertTSTypeAnnotation=function(e,t={}){s(\\\"TSTypeAnnotation\\\",e,t)},t.assertTSTypeParameterInstantiation=function(e,t={}){s(\\\"TSTypeParameterInstantiation\\\",e,t)},t.assertTSTypeParameterDeclaration=function(e,t={}){s(\\\"TSTypeParameterDeclaration\\\",e,t)},t.assertTSTypeParameter=function(e,t={}){s(\\\"TSTypeParameter\\\",e,t)},t.assertExpression=function(e,t={}){s(\\\"Expression\\\",e,t)},t.assertBinary=function(e,t={}){s(\\\"Binary\\\",e,t)},t.assertScopable=function(e,t={}){s(\\\"Scopable\\\",e,t)},t.assertBlockParent=function(e,t={}){s(\\\"BlockParent\\\",e,t)},t.assertBlock=function(e,t={}){s(\\\"Block\\\",e,t)},t.assertStatement=function(e,t={}){s(\\\"Statement\\\",e,t)},t.assertTerminatorless=function(e,t={}){s(\\\"Terminatorless\\\",e,t)},t.assertCompletionStatement=function(e,t={}){s(\\\"CompletionStatement\\\",e,t)},t.assertConditional=function(e,t={}){s(\\\"Conditional\\\",e,t)},t.assertLoop=function(e,t={}){s(\\\"Loop\\\",e,t)},t.assertWhile=function(e,t={}){s(\\\"While\\\",e,t)},t.assertExpressionWrapper=function(e,t={}){s(\\\"ExpressionWrapper\\\",e,t)},t.assertFor=function(e,t={}){s(\\\"For\\\",e,t)},t.assertForXStatement=function(e,t={}){s(\\\"ForXStatement\\\",e,t)},t.assertFunction=function(e,t={}){s(\\\"Function\\\",e,t)},t.assertFunctionParent=function(e,t={}){s(\\\"FunctionParent\\\",e,t)},t.assertPureish=function(e,t={}){s(\\\"Pureish\\\",e,t)},t.assertDeclaration=function(e,t={}){s(\\\"Declaration\\\",e,t)},t.assertPatternLike=function(e,t={}){s(\\\"PatternLike\\\",e,t)},t.assertLVal=function(e,t={}){s(\\\"LVal\\\",e,t)},t.assertTSEntityName=function(e,t={}){s(\\\"TSEntityName\\\",e,t)},t.assertLiteral=function(e,t={}){s(\\\"Literal\\\",e,t)},t.assertImmutable=function(e,t={}){s(\\\"Immutable\\\",e,t)},t.assertUserWhitespacable=function(e,t={}){s(\\\"UserWhitespacable\\\",e,t)},t.assertMethod=function(e,t={}){s(\\\"Method\\\",e,t)},t.assertObjectMember=function(e,t={}){s(\\\"ObjectMember\\\",e,t)},t.assertProperty=function(e,t={}){s(\\\"Property\\\",e,t)},t.assertUnaryLike=function(e,t={}){s(\\\"UnaryLike\\\",e,t)},t.assertPattern=function(e,t={}){s(\\\"Pattern\\\",e,t)},t.assertClass=function(e,t={}){s(\\\"Class\\\",e,t)},t.assertModuleDeclaration=function(e,t={}){s(\\\"ModuleDeclaration\\\",e,t)},t.assertExportDeclaration=function(e,t={}){s(\\\"ExportDeclaration\\\",e,t)},t.assertModuleSpecifier=function(e,t={}){s(\\\"ModuleSpecifier\\\",e,t)},t.assertFlow=function(e,t={}){s(\\\"Flow\\\",e,t)},t.assertFlowType=function(e,t={}){s(\\\"FlowType\\\",e,t)},t.assertFlowBaseAnnotation=function(e,t={}){s(\\\"FlowBaseAnnotation\\\",e,t)},t.assertFlowDeclaration=function(e,t={}){s(\\\"FlowDeclaration\\\",e,t)},t.assertFlowPredicate=function(e,t={}){s(\\\"FlowPredicate\\\",e,t)},t.assertEnumBody=function(e,t={}){s(\\\"EnumBody\\\",e,t)},t.assertEnumMember=function(e,t={}){s(\\\"EnumMember\\\",e,t)},t.assertJSX=function(e,t={}){s(\\\"JSX\\\",e,t)},t.assertPrivate=function(e,t={}){s(\\\"Private\\\",e,t)},t.assertTSTypeElement=function(e,t={}){s(\\\"TSTypeElement\\\",e,t)},t.assertTSType=function(e,t={}){s(\\\"TSType\\\",e,t)},t.assertTSBaseType=function(e,t={}){s(\\\"TSBaseType\\\",e,t)},t.assertNumberLiteral=function(e,t){console.trace(\\\"The node type NumberLiteral has been renamed to NumericLiteral\\\"),s(\\\"NumberLiteral\\\",e,t)},t.assertRegexLiteral=function(e,t){console.trace(\\\"The node type RegexLiteral has been renamed to RegExpLiteral\\\"),s(\\\"RegexLiteral\\\",e,t)},t.assertRestProperty=function(e,t){console.trace(\\\"The node type

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RestProperty has been renamed to

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RestElement\\",s(\\\"RestProperty\\\",e,t),t.assertSpreadProperty=function(e,t){console.trace(\\\"The node type  
SpreadProperty has been renamed to SpreadElement\\\"),s(\\\"SpreadProperty\\\",e,t)};var  
n,i=(n=r(34))&&n.__esModule?n:{default:n};function s(e,t,r){if(!0,i.default)(e,t,r)throw new Error(\\\"Expected type  
\\\"$e}\\\" with option ${JSON.stringify(r)}, but instead got \\\"$t.type}\\\".\\\"),function(e,t,r){\\\"use  
strict\\\";Object.defineProperty(t,\\\"__esModule\\\",{value:!0}),t.default=function(e){if(\\\"string\\\"===e)return(0,n  
.stringTypeAnnotation());if(\\\"number\\\"===e)return(0,n.numberTypeAnnotation());if(\\\"undefined\\\"===e)return  
(0,n.voidTypeAnnotation());if(\\\"boolean\\\"===e)return(0,n.booleanTypeAnnotation());if(\\\"function\\\"===e)retu  
rn(0,n.genericTypeAnnotation)((0,n.identifier)(\\\"Function\\\"));if(\\\"object\\\"===e)return(0,n.genericTypeAnnotat  
ion)((0,n.identifier)(\\\"Object\\\"));if(\\\"symbol\\\"===e)return(0,n.genericTypeAnnotation)((0,n.identifier)(\\\"Sym  
bol\\\"));throw new Error(\\\"Invalid typeof value\\\")};var n=r(4)},function(e,t,r){\\\"use  
strict\\\";Object.defineProperty(t,\\\"__esModule\\\",{value:!0}),t.default=function(e){const t=(0,s.default)(e);return  
1===t.length?t[0):(0,i.unionTypeAnnotation)(t)};var  
n,i=r(4),s=(n=r(85))&&n.__esModule?n:{default:n}},function(e,t,r){\\\"use  
strict\\\";Object.defineProperty(t,\\\"__esModule\\\",{value:!0}),t.default=function(e){const  
t=e.map(e=>e.typeAnnotations),r=(0,s.default)(t);return 1===r.length?r[0):(0,i.tsUnionType)(r)};var  
n,i=r(4),s=(n=r(221))&&n.__esModule?n:{default:n}},function(e,t,r){\\\"use  
strict\\\";Object.defineProperty(t,\\\"__esModule\\\",{value:!0}),t.default=function(e){const  
t={},r={},i=[],s=[];for(let t=0;t<e.length;t++){const  
a=e[t];if(a&&!s.indexOf(a)>=0)}{if((0,n.isTSAnyKeyword)(a.type))return[a];(0,n.isTSBaseType)(a)?r[a.type]=a:(0  
,n.isTSUnionType)(a)?i.indexOf(a.types)<0&&(e=e.concat(a.types),i.push(a.types)):s.push(a)}for(const e of  
Object.keys(r))s.push(r[e]);for(const e of Object.keys(t))s.push(t[e]);return s};var n=r(2)},function(e,t,r){\\\"use  
strict\\\";Object.defineProperty(t,\\\"__esModule\\\",{value:!0}),t.default=function(e){return(0,i.default)(e,!1)};var  
n,i=(n=r(14))&&n.__esModule?n:{default:n}},function(e,t,r){\\\"use  
strict\\\";Object.defineProperty(t,\\\"__esModule\\\",{value:!0}),t.default=function(e){return(0,i.default)(e)};var  
n,i=(n=r(14))&&n.__esModule?n:{default:n}},function(e,t,r){\\\"use  
strict\\\";Object.defineProperty(t,\\\"__esModule\\\",{value:!0}),t.default=function(e){return(0,i.default)(e,!0)};va  
r n,i=(n=r(14))&&n.__esModule?n:{default:n}},function(e,t,r){\\\"use  
strict\\\";Object.defineProperty(t,\\\"__esModule\\\",{value:!0}),t.default=function(e){return(0,i.default)(e,!1,!0)};va  
r n,i=(n=r(14))&&n.__esModule?n:{default:n}},function(e,t,r){\\\"use  
strict\\\";Object.defineProperty(t,\\\"__esModule\\\",{value:!0}),t.default=function(e,t,r,n){return(0,i.default)(e,t,[[{ty  
pe:n?\\\"CommentLine\\\":\\\"CommentBlock\\\",value:r}]]);var  
n,i=(n=r(86))&&n.__esModule?n:{default:n}},function(e,t,r){\\\"use  
strict\\\";Object.defineProperty(t,\\\"__esModule\\\",{value:!0}),t.default=function(e){return  
n.COMMENT_KEYS.forEach(t=>{e[t]=null}),e};var n=r(13)},function(e,t,r){\\\"use  
strict\\\";Object.defineProperty(t,\\\"__esModule\\\",{value:!0}),t.TSBASETYPE_TYPES=t.TSTYPE_TYPES=t.TS  
TYPEELEMENT_TYPES=t.PRIVATE_TYPES=t.JSX_TYPES=t.ENUMMEMBER_TYPES=t.ENUMBODY_TY  
PES=t.FLOWPREDICATE_TYPES=t.FLOWDECLARATION_TYPES=t.FLOWBASEANNOTATION_TYPES=t  
.FLOWTYPE_TYPES=t.FLOW_TYPES=t.MODULESPECIFIER_TYPES=t.EXPORTDECLARATION_TYPES=  
t.MODULEDECLARATION_TYPES=t.CLASS_TYPES=t.PATTERN_TYPES=t.UNARYLIKE_TYPES=t.PROP  
ERTY_TYPES=t.OBJECTMEMBER_TYPES=t.METHOD_TYPES=t.USERWHITESPACABLE_TYPES=t.IMM  
UTABLE_TYPES=t.LITERAL_TYPES=t.TENTITYNAME_TYPES=t.LVAL_TYPES=t.PATTERNLIKE_TYP  
ES=t.DECLARATION_TYPES=t.PUREISH_TYPES=t.FUNCTIONPARENT_TYPES=t.FUNCTION_TYPES=t.F  
ORXSTATEMENT_TYPES=t.FOR_TYPES=t.EXPRESSIONWRAPPER_TYPES=t.WHILE_TYPES=t.LOOP_T  
YPES=t.CONDITIONAL_TYPES=t.COMPLETIONSTATEMENT_TYPES=t.TERMINATORLESS_TYPES=t.S  
TATEMENT_TYPES=t.BLOCK_TYPES=t.BLOCKPARENT_TYPES=t.SCOPABLE_TYPES=t.BINARY_TYPE  
S=t.EXPRESSION_TYPES=void 0;var n=r(5);const  
i=n.FLIPPED_ALIAS_KEYS.Expression;t.EXPRESSION_TYPES=i;const
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s=n.FLIPPED_ALIAS_KEYS.Binary;t.BINARY_TYPES=s;const
a=n.FLIPPED_ALIAS_KEYS.Scopable;t.SCOPABLE_TYPES=a;const
o=n.FLIPPED_ALIAS_KEYS.BlockParent;t.BLOCKPARENT_TYPES=o;const
l=n.FLIPPED_ALIAS_KEYS.Block;t.BLOCK_TYPES=l;const
c=n.FLIPPED_ALIAS_KEYS.Statement;t.STATEMENT_TYPES=c;const
p=n.FLIPPED_ALIAS_KEYS.Terminatorless;t.TERMINATORLESS_TYPES=p;const
u=n.FLIPPED_ALIAS_KEYS.CompletionStatement;t.COMPLETIONSTATEMENT_TYPES=u;const
d=n.FLIPPED_ALIAS_KEYS.Conditional;t.CONDITIONAL_TYPES=d;const
h=n.FLIPPED_ALIAS_KEYS.Loop;t.LOOP_TYPES=h;const
f=n.FLIPPED_ALIAS_KEYS.While;t.WHILE_TYPES=f;const
m=n.FLIPPED_ALIAS_KEYS.ExpressionWrapper;t.EXPRESSIONWRAPPER_TYPES=m;const
y=n.FLIPPED_ALIAS_KEYS.For;t.FOR_TYPES=y;const
T=n.FLIPPED_ALIAS_KEYS.ForXStatement;t.FORXSTATEMENT_TYPES=T;const
b=n.FLIPPED_ALIAS_KEYS.Function;t.FUNCTION_TYPES=b;const
g=n.FLIPPED_ALIAS_KEYS.FunctionParent;t.FUNCTIONPARENT_TYPES=g;const
S=n.FLIPPED_ALIAS_KEYS.Pureish;t.PUREISH_TYPES=S;const
x=n.FLIPPED_ALIAS_KEYS.Declaration;t.DECLARATION_TYPES=x;const
E=n.FLIPPED_ALIAS_KEYS.PatternLike;t.PATTERNLIKE_TYPES=E;const
P=n.FLIPPED_ALIAS_KEYS.LVal;t.LVAL_TYPES=P;const
v=n.FLIPPED_ALIAS_KEYS.TEntityName;t.TENTITYNAME_TYPES=v;const
A=n.FLIPPED_ALIAS_KEYS.Literal;t.LITERAL_TYPES=A;const
w=n.FLIPPED_ALIAS_KEYS.Immutable;t.IMMUTABLE_TYPES=w;const
O=n.FLIPPED_ALIAS_KEYS.UserWhitespacable;t.USERWHITESPACABLE_TYPES=O;const
I=n.FLIPPED_ALIAS_KEYS.Method;t.METHOD_TYPES=I;const
C=n.FLIPPED_ALIAS_KEYS.ObjectMember;t.OBJECTMEMBER_TYPES=C;const
N=n.FLIPPED_ALIAS_KEYS.Property;t.PROPERTY_TYPES=N;const
k=n.FLIPPED_ALIAS_KEYS.UnaryLike;t.UNARYLIKE_TYPES=k;const
D=n.FLIPPED_ALIAS_KEYS.Pattern;t.PATTERN_TYPES=D;const
_=n.FLIPPED_ALIAS_KEYS.Class;t.CLASS_TYPES=_;const
L=n.FLIPPED_ALIAS_KEYS.ModuleDeclaration;t.MODULEDECLARATION_TYPES=L;const
M=n.FLIPPED_ALIAS_KEYS.ExportDeclaration;t.EXPORTDECLARATION_TYPES=M;const
j=n.FLIPPED_ALIAS_KEYS.ModuleSpecifier;t.MODULESPECIFIER_TYPES=j;const
F=n.FLIPPED_ALIAS_KEYS.Flow;t.FLOW_TYPES=F;const
R=n.FLIPPED_ALIAS_KEYS.FlowType;t.FLOWTYPE_TYPES=R;const
B=n.FLIPPED_ALIAS_KEYS.FlowBaseAnnotation;t.FLOWBASEANNOTATION_TYPES=B;const
U=n.FLIPPED_ALIAS_KEYS.FlowDeclaration;t.FLOWDECLARATION_TYPES=U;const
V=n.FLIPPED_ALIAS_KEYS.FlowPredicate;t.FLOWPREDICATE_TYPES=V;const
K=n.FLIPPED_ALIAS_KEYS.EnumBody;t.ENUMBODY_TYPES=K;const
q=n.FLIPPED_ALIAS_KEYS.EnumMember;t.ENUMMEMBER_TYPES=q;const
Y=n.FLIPPED_ALIAS_KEYS.JSX;t.JSX_TYPES=Y;const
W=n.FLIPPED_ALIAS_KEYS.Private;t.PRIVATE_TYPES=W;const
X=n.FLIPPED_ALIAS_KEYS.TSTypeElement;t.TSTYPEELEMENT_TYPES=X;const
J=n.FLIPPED_ALIAS_KEYS.TSType;t.TSTYPE_TYPES=J;const
H=n.FLIPPED_ALIAS_KEYS.TSBaseType;t.TSBASETYPE_TYPES=H},function(e,t,r){use
strict}};Object.defineProperty(t, "__esModule", {value: !0}), t.default = function(e, t = "body") {return
e[t] = (0, i.default)(e[t], e); var n, i = (n = r(91)) && n.__esModule ? {default: n}, function(e, t, r) {use
strict}}; Object.defineProperty(t, "__esModule", {value: !0}), t.default = function(e) {eval}} != (e = (0, i.default)(
e)) && "arguments" != e || (e = " " + e); return e; var

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n,i=(n=r(92))&&n.__esModule?n:{default:n}},function(e,t,r){use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t=e.key||e.property){!e.compu
d&&(0,n.isIdentifier)(t)&&(t=(0,i.stringLiteral)(t.name));return t};var n=r(2),i=r(4)},function(e,t,r){use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){(0,n.isExpressionStatement)(e
)&&(e=e.expression);if((0,n.isExpression)(e))return
e;(0,n.isClass)(e)?e.type="ClassExpression":(0,n.isFunction)(e)&&(e.type="FunctionExpression");if(!(0,n.i
sExpression)(e))throw new Error(`cannot turn ${e.type} to an expression`);return e};var
n=r(2)},function(e,t,r){use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=o;var
n=r(2),i=a(r(14)),s=a(r(93));function a(e){return e&&e.__esModule?e:{default:e}}function o(e,t=e.key){let
r;return"method"===e.kind?o.increment()+""":(r=(0,n.isIdentifier)(t)?t.name:(0,n.isStringLiteral)(t)?JSON.st
ringify(t.value):JSON.stringify((0,s.default)((0,i.default)(t))),e.computed&&(r=[${r}]),e.static&&(r="static:"+
r),r)}o.uid=0,o.increment=function(){return
o.uid>=Number.MAX_SAFE_INTEGER?o.uid=0:o.uid++}},function(e,t,r){use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){if(!null===e?void
0:e.length))return;const r=[],n=(0,i.default)(e,t,r);if(!n)return;for(const e of r)t.push(e);return n};var
n,i=(n=r(235))&&n.__esModule?n:{default:n}},function(e,t,r){use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function e(t,r,o){const l=[];let
c=!0;for(const p of t)if((0,i.isEmptyStatement)(p)||c=!1),(0,i.isExpression)(p))l.push(p);else
if((0,i.isExpressionStatement)(p))l.push(p.expression);else
if((0,i.isVariableDeclaration)(p)){if("var"!==p.kind)return;for(const e of p.declarations){const
t=(0,n.default)(e);for(const e of
Object.keys(t))o.push({kind:p.kind,id:(0,a.default)(t[e])});e.init&&l.push((0,s.assignmentExpression)("=","e.id,e
init))}c=!0}else if((0,i.isIfStatement)(p)){const
t=p.consequent?e([p.consequent],r,o):r.buildUndefinedNode(),n=p.alternate?e([p.alternate],r,o):r.buildUndefinedNo
de();if(!t||!n)return;l.push((0,s.conditionalExpression)(p.test,t,n))}else if((0,i.isBlockStatement)(p)){const
t=e(p.body,r,o);if(!t)return;l.push(t)}else if(!0,i.isEmptyStatement)(p))return;0===t.indexOf(p)&&(c=!0)}c&&l.pu
sh(r.buildUndefinedNode());return 1===l.length?l[0):(0,s.sequenceExpression)(l)};var
n=o(r(35)),i=r(2),s=r(4),a=o(r(14));function o(e){return e&&e.__esModule?e:{default:e}}},function(e,t,r){use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){if((0,n.isStatement)(e))return
e;let r,s=!1;if((0,n.isClass)(e))s=!0,r="ClassDeclaration";else
if((0,n.isFunction)(e))s=!0,r="FunctionDeclaration";else
if((0,n.isAssignmentExpression)(e))return(0,i.expressionStatement)(e);s&&!e.id&&(r=!1);if(!r){if(t)return!1;throw
new Error(`cannot turn ${e.type} to a statement`)}return e.type=r,e};var n=r(2),i=r(4)},function(e,t,r){use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function e(t){if(void
0===t)return(0,a.identifier)("undefined");if(!0===t||1===t)return(0,a.booleanLiteral)(t);if(null===t)return(0,a.n
ullLiteral)();if("string"===typeof t)return(0,a.stringLiteral)(t);if("number"===typeof t){let
e;if(Number.isFinite(t))e=(0,a.numericLiteral)(Math.abs(t));else {let
r;r=Number.isNaN(t)?(0,a.numericLiteral)(0):(0,a.numericLiteral)(1),e=(0,a.binaryExpression)("^",r,(0,a.numeri
cLiteral)(0))}return(t<0||Object.is(t,-0))&&(e=(0,a.unaryExpression)("~-",e),e)}if((0,i.default)(t)){const
e=t.source,r=t.toString().match(/^[a-
z+)]$/[1];return(0,a.regExpLiteral)(e,r)}if(Array.isArray(t))return(0,a.arrayExpression)(t.map(e));if((0,n.default)(t
)){const r=[];for(const n of Object.keys(t)){let
i;i=(0,s.default)(n)?(0,a.identifier)(n):(0,a.stringLiteral)(n),r.push((0,a.objectProperty)(i,e(t[n])))}return(0,a.objectEx
pression)(r)}throw new Error(`don't know how to turn this value into a node`)};var
n=o(r(238)),i=o(r(239)),s=o(r(23)),a=r(4);function o(e){return
e&&e.__esModule?e:{default:e}}},function(e,t,r){var
n=r(18),i=r(47),s=r(12),a=Function.prototype,o=Object.prototype,l=a.toString,c=o.hasOwnProperty,p=l.call(Object)
;e.exports=function(e){if(!s(e)||"[object Object]"!==n(e))return!1;var t=i(e);if(null===t)return!0;var

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r=c.call(t,\\\\"constructor\\\\"}&&t.constructor;return\\\\"function\\\\"===typeof r&&r instanceof
r&&l.call(r)==p}},function(e,t,r){ var
n=r(240),i=r(32),s=r(33),a=s&&s.isRegExp,o=a?i(a):n;e.exports=o},function(e,t,r){ var
n=r(18),i=r(12);e.exports=function(e){return i(e)&&\\\\"[object RegExp]\\\\"===n(e)}},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{ value:!0}),t.default=function(e,t,r=!1){return
e.object=(0,n.memberExpression)(e.object,e.property,e.computed),e.property=t,e.computed=!r,e};var
n=r(4)},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{ value:!0}),t.default=function(e,t){if(!e||t)return e;for(const r of
i.INHERIT_KEYS.optional)null==e[r]&&(e[r]=t[r]);for(const r of
Object.keys(t))\\\\"_\\\\"===r[0]&&\\\\"__clone\\\\"!==r&&(e[r]=t[r]);for(const r of
i.INHERIT_KEYS.force)e[r]=t[r];return(0,s.default)(e,t),e};var
n,i=r(13),s=(n=r(89))&&n.__esModule?n:{ default:n }},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{ value:!0}),t.default=function(e,t){ return
e.object=(0,n.memberExpression)(t,e.object),e};var n=r(4)},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{ value:!0}),t.default=function(e,t){ return(0,i.default)(e,t,!0)};va
r n,i=(n=r(35))&&n.__esModule?n:{ default:n }},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{ value:!0}),t.default=function(e,t,r){\\\\"function\\\\"===typeof
t&&(t={ enter:t});const { enter:i,exit:s }=t;!function e(t,r,i,s,a){ const
o=n.VISITOR_KEYS[t.type];if(!o)return;r&&r(t,a,s);for(const n of o){ const o=t[n];if(Array.isArray(o))for(let
l=0;l<o.length;l++){ const c=o[l];c&&(a.push({ node:t,key:n,index:l}),e(c,r,i,s,a),a.pop())}else
o&&(a.push({ node:t,key:n}),e(o,r,i,s,a),a.pop())}i&&i(t,a,s)}(e,i,s,r,[]);var n=r(5)},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{ value:!0}),t.default=function(e,t,r){if(r&&\\\\"Identifier\\\\"===
e.type&&\\\\"ObjectProperty\\\\"===t.type&&\\\\"ObjectExpression\\\\"===r.type)return!1;const
n=i.default.keys[t.type];if(n)for(let r=0;r<n.length;r++){ const
i=n[r],s=t[i];if(Array.isArray(s)){if(s.indexOf(e)>=0)return!0} else if(s===e)return!0}return!1};var
n,i=(n=r(35))&&n.__esModule?n:{ default:n }},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{ value:!0}),t.default=function(e){ return(0,i.isFunctionDeclarati
on)(e)||(0,i.isClassDeclaration)(e)||(0,s.default)(e)};var
n,i=r(2),s=(n=r(96))&&n.__esModule?n:{ default:n }},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{ value:!0}),t.default=function(e){if((0,i.default)(e.type,\\\\"Imm
utable\\\\"))return!0;if((0,s.isIdentifier)(e))return\\\\"undefined\\\\"===e.name;return!1};var
n,i=(n=r(51))&&n.__esModule?n:{ default:n },s=r(2)},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{ value:!0}),t.default=function e(t,r){if(\\\\"object\\\\"!==typeof
t||\\\\"object\\\\"!==typeof r||null==t||null==r)return t===r;if(t.type!==r.type)return!1;const
i=Object.keys(n.NODE_FIELDS[t.type])[t.type],s=n.VISITOR_KEYS[t.type];for(const n of i){if(typeof
t[n]!==typeof
r[n]return!1;if(null!==t[n]||null!==r[n]){if(null==t[n]||null==r[n])return!1;if(Array.isArray(t[n])){if(!Array.isArray(r[n
]))return!1;if(t[n].length!==r[n].length)return!1;for(let i=0;i<t[n].length;i++){if(!e(t[n][i],r[n][i]))return!1} else
if(\\\\"object\\\\"!==typeof t[n]||null==s?void 0:s.includes(n)){if(!e(t[n],r[n]))return!1} else for(const e of
Object.keys(t[n]))if(t[n][e]!==r[n][e])return!1}}return!0};var n=r(5)},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{ value:!0}),t.default=function(e,t,r){switch(t.type){case\\\\"Mem
berExpression\\\\":case\\\\"JSXMemberExpression\\\\":case\\\\"OptionalMemberExpression\\\\":return
t.property===e?!t.computed:t.object===e;case\\\\"VariableDeclarator\\\\":return
t.init===e;case\\\\"ArrowFunctionExpression\\\\":return
t.body===e;case\\\\"ExportSpecifier\\\\":return!t.source&&t.local===e;case\\\\"PrivateName\\\\":return!1;case\\\\"Class
Method\\\\":case\\\\"ClassPrivateMethod\\\\":case\\\\"ObjectMethod\\\\":if(t.params.includes(e))return!1;case\\\\"ObjectP
roperty\\\\":case\\\\"ClassProperty\\\\":case\\\\"ClassPrivateProperty\\\\":return
t.key===e?!t.computed:t.value!==e||(!r||\\\\"ObjectPattern\\\\"!==r.type);case\\\\"ClassDeclaration\\\\":case\\\\"ClassExp

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ression||":return t.superClass===e;case||"AssignmentExpression||":case||"AssignmentPattern||":return
t.right===e;case||"LabeledStatement||":case||"CatchClause||":case||"RestElement||":return!1;case||"BreakState
ment||":case||"ContinueStatement||":return!1;case||"FunctionDeclaration||":case||"FunctionExpression||":return
!1;case||"ExportNamespaceSpecifier||":case||"ExportDefaultSpecifier||":return!1;case||"ImportDefaultSpecifier\
":case||"ImportNamespaceSpecifier||":case||"ImportSpecifier||":case||"JSXAttribute||":return!1;case||"ObjectP
attern||":case||"ArrayPattern||":case||"MetaProperty||":return!1;case||"ObjectTypeProperty||":return
t.key!==e;case||"TSEnumMember||":return t.id!==e;case||"TSPropertySignature||":return
t.key!==e||!t.computed}return!0}},function(e,t,r){||"use
strict||";Object.defineProperty(t,||"__esModule||",{value:!0}),t.default=function(e,t){if((0,n.isBlockStatement)(e)
&&((0,n.isFunction)(t)||((0,n.isCatchClause)(t)))return!1;if((0,n.isPattern)(e)&&((0,n.isFunction)(t)||((0,n.isCatchClau
se)(t)))return!0;return(0,n.isScopable)(e)};var n=r(2)},function(e,t,r){||"use
strict||";Object.defineProperty(t,||"__esModule||",{value:!0}),t.default=function(e){return(0,n.isImportDefaultSpe
cifier)(e)||((0,n.isIdentifier)(e.imported||e.exported,{name:||"default||"}));var n=r(2)},function(e,t,r){||"use
strict||";Object.defineProperty(t,||"__esModule||",{value:!0}),t.default=function(e){return(0,i.default)(e)&&!s.has
(e)};var n,i=(n=r(23))&&n.__esModule?n:{default:n};const s=new
Set([||"abstract||",||"boolean||",||"byte||",||"char||",||"double||",||"enum||",||"final||",||"float||",||"goto||",
||"implements||",||"int||",||"interface||",||"long||",||"native||",||"package||",||"private||",||"protected||",||"
public||",||"short||",||"static||",||"synchronized||",||"throws||",||"transient||",||"volatile||"]);function(e,t,r){||"use
strict||";Object.defineProperty(t,||"__esModule||",{value:!0}),t.default=function(e){return(0,n.isVariableDeclarati
on)(e,{kind:||"var||"})&&!e[i.BLOCK_SCOPED_SYMBOL]};var
n=r(2),i=r(13)},function(e,t,r){||"undefined||"==typeof
process|||"renderer||"===process.type||!0===process.browser||process.__nwjs?e.exports=r(256):e.exports=r(258)},
function(e,t,r){t.log=function(...e){return||"object||"==typeof
console&&console.log&&console.log(...e)},t.formatArgs=function(t){if(t[0]=(this.useColors?||"%c||":||"||")+this
.namespace+(this.useColors?||" %c||":||" ||")+t[0]+(this.useColors?||"%c ||":||"
||")+||"+||"+e.exports.humanize(this.diff,!this.useColors)return;const r=||"color:
||"+this.color;t.splice(1,0,r,||"color: inherit||");let n=0,i=0;t[0].replace(/%[a-zA-
Z%]/g,e=>{||"%%||"!==e&&(n++,||"%c||"===e&&(i=n)}),t.splice(i,0,r)},t.save=function(e){try{e?t.storage.setI
tem(||"debug||",e):t.storage.removeItem(||"debug||")}catch(e){}},t.load=function(){let
e;try{e=t.storage.getItem(||"debug||")}catch(e){!e&&||"undefined||"!==typeof process&&||"env||"in
process&&(e=process.env.DEBUG);return e},t.useColors=function(){if(||"undefined||"!==typeof
window&&window.process&&(||"renderer||"===window.process.type||window.process.__nwjs)return!0;if(||"un
defined||"!==typeof
navigator&&navigator.userAgent&&navigator.userAgent.toLowerCase().match(/(edge|trident)/||/(||d+)/))return!1;
return||"undefined||"!==typeof
document&&document.documentElement&&document.documentElement.style&&document.documentElement.sty
le.WebkitAppearance||"undefined||"!==typeof
window&&window.console&&(window.console.firebug||window.console.exception&&window.console.table)||"u
ndefined||"!==typeof
navigator&&navigator.userAgent&&navigator.userAgent.toLowerCase().match(/firefox/||/(||d+)/)&&parseInt(Re
gExp.$1,10)>=31||"undefined||"!==typeof
navigator&&navigator.userAgent&&navigator.userAgent.toLowerCase().match(/applewebkit/||/(||d+)/)},t.storage
=function(){try{return
localStorage}catch(e){}}(),t.colors=[||"#0000CC||",||"#0000FF||",||"#0033CC||",||"#0033FF||",||"#0066CC||\
",||"#0066FF||",||"#0099CC||",||"#0099FF||",||"#00CC00||",||"#00CC33||",||"#00CC66||",||"#00CC99||",\
||"#00CCCC||",||"#00CCFF||",||"#3300CC||",||"#3300FF||",||"#3333CC||",||"#3333FF||",||"#3366CC||",||"
#3366FF||",||"#3399CC||",||"#3399FF||",||"#33CC00||",||"#33CC33||",||"#33CC66||",||"#33CC99||",||"#3

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3CCCC\|\|,"#33CCFF\|\|,"#6600CC\|\|,"#6600FF\|\|,"#6633CC\|\|,"#6633FF\|\|,"#66CC00\|\|,"#66
CC33\|\|,"#9900CC\|\|,"#9900FF\|\|,"#9933CC\|\|,"#9933FF\|\|,"#99CC00\|\|,"#99CC33\|\|,"#CC0
000\|\|,"#CC0033\|\|,"#CC0066\|\|,"#CC0099\|\|,"#CC00CC\|\|,"#CC00FF\|\|,"#CC3300\|\|,"#CC3
333\|\|,"#CC3366\|\|,"#CC3399\|\|,"#CC33CC\|\|,"#CC33FF\|\|,"#CC6600\|\|,"#CC6633\|\|,"#CC9
900\|\|,"#CC9933\|\|,"#CCCC00\|\|,"#CCCC33\|\|,"#FF0000\|\|,"#FF0033\|\|,"#FF0066\|\|,"#FF009
9\|\|,"#FF00CC\|\|,"#FF00FF\|\|,"#FF3300\|\|,"#FF3333\|\|,"#FF3366\|\|,"#FF3399\|\|,"#FF33CC\|\|
,"#FF33FF\|\|,"#FF6600\|\|,"#FF6633\|\|,"#FF9900\|\|,"#FF9933\|\|,"#FFCC00\|\|,"#FFCC33\|\|",e
.exports=r(97)(t);const{formatters:n}=e.exports;n.j=function(e){try{return
JSON.stringify(e)}catch(e){return\|\|[UnexpectedJSONParseError]:\|\|"+e.message}}},function(e,t){var
r=1e3,n=6e4,i=60*n,s=24*i;function a(e,t,r,n){var i=t>=1.5*r;return Math.round(e/r)+\|\|
\|\|"+n+(i?'\|\|s\|\|':\|\|\|\|\|)}e.exports=function(e,t){t=t\|\|{};var o=typeof e;if(\|\|"string"\|\|===o&&e.length>0)return
function(e){if((e=String(e)).length>100)return;var t=/^(?:(\|\|d+\|\|)?\|\|\|\|\|d+
*(milliseconds?|msecs?|ms|seconds?|secs?|s|minutes?|mins?|m|hours?|hrs?|h|days?|d|weeks?|w|years?|yrs?|y)?$/i.exec
(e);if(!t)return;var
a=parseFloat(t[1]);switch((t[2]\|\|\|\|\|ms\|\|\|").toLowerCase()){case\|\|years\|\|\|:case\|\|year\|\|\|:case\|\|yrs\|\|\|:case\|\|yr\|\|
\|\|:case\|\|y\|\|\|:return 315576e5*a;case\|\|weeks\|\|\|:case\|\|week\|\|\|:case\|\|w\|\|\|:return
6048e5*a;case\|\|days\|\|\|:case\|\|day\|\|\|:case\|\|d\|\|\|:return
a*s;case\|\|hours\|\|\|:case\|\|hour\|\|\|:case\|\|hrs\|\|\|:case\|\|hr\|\|\|:case\|\|h\|\|\|:return
a*i;case\|\|minutes\|\|\|:case\|\|minute\|\|\|:case\|\|mins\|\|\|:case\|\|min\|\|\|:case\|\|m\|\|\|:return
a*n;case\|\|seconds\|\|\|:case\|\|second\|\|\|:case\|\|secs\|\|\|:case\|\|sec\|\|\|:case\|\|s\|\|\|:return
a*r;case\|\|milliseconds\|\|\|:case\|\|millisecond\|\|\|:case\|\|msecs\|\|\|:case\|\|msec\|\|\|:case\|\|ms\|\|\|:return
a;default:return}}(e);if(\|\|number\|\|===o&&isFinite(e))return t.long?function(e){var t=Math.abs(e);if(t>=s)return
a(e,t,s,\|\|"day\|\|\|");if(t>=i)return a(e,t,i,\|\|"hour\|\|\|");if(t>=n)return a(e,t,n,\|\|"minute\|\|\|");if(t>=r)return
a(e,t,r,\|\|"second\|\|\|");return e+\|\|\| ms\|\|\|}(e):function(e){var t=Math.abs(e);if(t>=s)return
Math.round(e/s)+\|\|\|d\|\|\|;if(t>=i)return Math.round(e/i)+\|\|\|h\|\|\|;if(t>=n)return
Math.round(e/n)+\|\|\|m\|\|\|;if(t>=r)return Math.round(e/r)+\|\|\|s\|\|\|;return e+\|\|\|ms\|\|\|}(e);throw new Error(\|\|"val is
not a non-empty string or a valid number. val=\|\|\|"+JSON.stringify(e))}},function(e,t,r){const
n=r(98),i=r(259);t.init=function(e){e.inspectOpts={};const r=Object.keys(t.inspectOpts);for(let
n=0;n<r.length;n++)e.inspectOpts[r[n]]=t.inspectOpts[r[n]]},t.log=function(...e){return
process.stderr.write(i.format(...e)+\|\|\|\|\|n\|\|\|)},t.formatArgs=function(r){const{namespace:n,useColors:i}=this;if(i)
{const t=this.color,i=\|\|\|\|\|u001b[3\|\|\|"+(t<8?t:\|\|\|\|\|8;5;\|\|\|\|\|)+t,s=` $${i};1m${n}
\|\|\|\|\|u001b[0m`;r[0]=s+r[0].split(\|\|\|\|\|n\|\|\|").join(\|\|\|\|\|n\|\|\|"+s),r.push(i+\|\|\|\|\|m+\|\|\|\|\|"+e.exports.humanize(this.diff)+\|\|\|\|\|u
001b[0m\|\|\|\|\|)}else r[0]=function(){if(t.inspectOpts.hideDate)return\|\|\|\|\|";return(new Date).toISOString()+\|\|\|\|\|
\|\|\|\|\|"}()+n+\|\|\|\|\|"+r[0]},t.save=function(e){e?process.env.DEBUG=e:delete
process.env.DEBUG},t.load=function(){return process.env.DEBUG},t.useColors=function(){return\|\|\|\|\|colors\|\|\|\|\|in
t.inspectOpts?Boolean(t.inspectOpts.colors):n.isatty(process.stderr.fd)},t.colors=[6,2,3,4,5,1];try{const
e=r(260);e&&(e.stderr||e).level>=2&&(t.colors=[20,21,26,27,32,33,38,39,40,41,42,43,44,45,56,57,62,63,68,69,74,7
5,76,77,78,79,80,81,92,93,98,99,112,113,128,129,134,135,148,149,160,161,162,163,164,165,166,167,168,169,170,
171,172,173,178,179,184,185,196,197,198,199,200,201,202,203,204,205,206,207,208,209,214,215,220,221])}catch
(e){t.inspectOpts=Object.keys(process.env).filter(e=>/^debug_/i.test(e)).reduce((e,t)=>{const
r=t.substring(6).toLowerCase().replace(/_([a-z])/g,(e,t)=>t.toUpperCase());let n=process.env[t];return
n=!/^^(yes|on|true|enabled)$/i.test(n)||/^^(no|off|false|disabled)$/i.test(n)&&(\|\|\|null\|\|\|===n?null:Number(n)),e[r]=n,
e},{}),e.exports=r(97)(t);const{formatters:s}=e.exports;s.o=function(e){return
this.inspectOpts.colors=this.useColors,i.inspect(e,this.inspectOpts).replace(/(\|\|\|s*\|\|\|\|\|n\|\|\|\|\|s*/g,\|\|\|\|\|
\|\|\|\|\|)},s.O=function(e){return
this.inspectOpts.colors=this.useColors,i.inspect(e,this.inspectOpts)}}},function(e,t){e.exports=require(\|\|\|\|\|util\|\|\|\|\|)},fu
nction(e,t,r){\|\|\|\|\|"use strict\|\|\|\|\|;const n=r(99),i=r(98),s=r(261),{env:a}=process;let o;function l(e){return
0!==(e&&{level:e,hasBasic:!0,has256:e>=2,has16m:e>=3})function c(e,t){if(0===o)return

```



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Error(\\\\"It doesn't make sense to split exported specifiers.\\");const
s=r.getOuterBindingIdentifiers(),a=Object.keys(s).map(e=>n.exportSpecifier(n.identifier(e),n.identifier(e))),o=n.exp
ortNamedDeclaration(null,a);return e.insertAfter(o),e.replaceWith(r.node),e};var
n=function(e){if(e&&e.__esModule)return e;if(null===e||\\"object\\"!=typeof e&&\\"function\\"!=typeof
e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(20));function i(){if(\\\\"function\\"!=typeof WeakMap)return null;var e=new
WeakMap;return i=function(){return e},e},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),t.default=void 0;var
n=(0,r(102).default)(\\\\"React.Component\\\\"),t.default=n},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),t.default=function(e){return!!e&& /^[a-
z]/.test(e)},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),t.default=function(e){const t=[];for(let
r=0;r<e.children.length;r++){let
s=e.children[r];(0,n.isJSXText)(s)?(0,i.default)(s,t):((0,n.isJSXExpressionContainer)(s)&&(s=s.expression),(0,n.isJS
XEmptyExpression)(s)||t.push(s))return t};var n=r(1),i=r(267)},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),t.default=function(e,t){const
r=e.value.split(/\\\\"r\\\\"n\\\\"n\\\\"r/);let i=0;for(let e=0;e<r.length;e++)r[e].match(/^[ \\t]/)&&(i=e);let
s=\\\\"\\\\";for(let e=0;e<r.length;e++){const t=r[e],n=0===e,a=e===r.length-1,o=e===i;let l=t.replace(/\\\\"t/g,\\\\"
\\\\"),n||(l=l.replace(/^[ ]+/,\\\\"\\\\")),a||(l=l.replace(/[/ ]+$/,\\\\"\\\\")),l&&(o||(l+=\\\\"
\\\\"),s+=l)}s&&t.push((0,n.stringLiteral)(s));var n=r(3)},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),t.default=function(e,...t){const
r=n.BUILDER_KEYS[e],s=t.length;if(s>r.length)throw new Error(` ${e}: Too many arguments passed. Received
${s} but can receive no more than ${r.length} `);const a={type:e};let o=0;r.forEach(r=>{const
i=n.NODE_FIELDS[e][r];let l;o<s&&(l=t[o]),void
0===l&&(l=Array.isArray(i.default)?[i.default],a[r]=l,o++));for(const e of
Object.keys(a))(0,i.default)(a,e,a[e]);return a};var n=r(6),i=r(57)},function(e,t,r){\\\\"use strict\\\\";var n=r(10);const
i=(e,t=\\\\"TypeParameterDeclaration\\\\"=>{(0,n.default)(e,{builder:[\\\\"id\\\\"],\\\\"typeParameters\\\\"],\\\\"extends\\\\"],\\\\"
body\\\\"}],visitor:[\\\\"id\\\\"],\\\\"typeParameters\\\\"],\\\\"extends\\\\"],\\\\"mixins\\\\"],\\\\"implements\\\\"],\\\\"body\\\\"}],aliases:
[\\\\"Flow\\\\"],\\\\"FlowDeclaration\\\\"],\\\\"Statement\\\\"],\\\\"Declaration\\\\"],fields:{id:(0,n.validateType)(\\\\"Identifier\\\\"
),typeParameters:(0,n.validateOptionalType)(t),extends:(0,n.validateOptional)((0,n.arrayOfType)(\\\\"InterfaceExte
nds\\\\")),mixins:(0,n.validateOptional)((0,n.arrayOfType)(\\\\"InterfaceExtends\\\\")),implements:(0,n.validateOptiona
l)((0,n.arrayOfType)(\\\\"ClassImplements\\\\")),body:(0,n.validateType)(\\\\"ObjectTypeAnnotation\\\\"))});(0,n.defa
ult)(\\\\"AnyTypeAnnotation\\\\",{aliases:[\\\\"Flow\\\\"],\\\\"FlowType\\\\"],\\\\"FlowBaseAnnotation\\\\"}),(0,n.default)(\\\\"
ArrayTypeAnnotation\\\\",{visitor:[\\\\"elementType\\\\"],aliases:[\\\\"Flow\\\\"],\\\\"FlowType\\\\"],fields:{elementType:(
0,n.validateType)(\\\\"FlowType\\\\"))}), (0,n.default)(\\\\"BooleanTypeAnnotation\\\\",{aliases:[\\\\"Flow\\\\"],\\\\"FlowTy
pe\\\\"],\\\\"FlowBaseAnnotation\\\\"}),(0,n.default)(\\\\"BooleanLiteralTypeAnnotation\\\\",{builder:[\\\\"value\\\\"],alias
es:[\\\\"Flow\\\\"],\\\\"FlowType\\\\"],fields:{value:(0,n.validate)((0,n.assertValueType)(\\\\"boolean\\\\"))}), (0,n.default)
(\\\\"NullLiteralTypeAnnotation\\\\",{aliases:[\\\\"Flow\\\\"],\\\\"FlowType\\\\"],\\\\"FlowBaseAnnotation\\\\"}),(0,n.default)
(\\\\"ClassImplements\\\\",{visitor:[\\\\"id\\\\"],\\\\"typeParameters\\\\"],aliases:[\\\\"Flow\\\\"],fields:{id:(0,n.validateType)(\\\\"
Identifier\\\\"),typeParameters:(0,n.validateOptionalType)(\\\\"TypeParameterInstantiation\\\\"))}),i(\\\\"DeclareClass
\\\\"),(0,n.default)(\\\\"DeclareFunction\\\\",{visitor:[\\\\"id\\\\"],aliases:[\\\\"Flow\\\\"],\\\\"FlowDeclaration\\\\"],\\\\"Statement
\\\\"],\\\\"Declaration\\\\"],fields:{id:(0,n.validateType)(\\\\"Identifier\\\\"),predicate:(0,n.validateOptionalType)(\\\\"Decla
redPredicate\\\\"))}),i(\\\\"DeclareInterface\\\\"),(0,n.default)(\\\\"DeclareModule\\\\",{builder:[\\\\"id\\\\"],\\\\"body\\\\"],\\\\"k
ind\\\\"],visitor:[\\\\"id\\\\"],\\\\"body\\\\"],aliases:[\\\\"Flow\\\\"],\\\\"FlowDeclaration\\\\"],\\\\"Statement\\\\"],\\\\"Declaration\\\\"
],fields:{id:(0,n.validateType)(\\\\"Identifier\\\\"],\\\\"StringLiteral\\\\"}],body:(0,n.validateType)(\\\\"BlockStatement\\\\"),

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kind:(0,n.validateOptional)((0,n.assertOneOf(["CommonJS","ES"]))), (0,n.default)(["DeclareModuleExports"], { visitor:["typeAnnotation"], aliases:["Flow","FlowDeclaration","Statement","Declaration"], fields: { typeAnnotation:(0,n.validateType)(["TypeAnnotation"]) } } ), (0,n.default)(["DeclareTypeAlias"], { visitor:["id","typeParameters","right"], aliases:["Flow","FlowDeclaration","Statement","Declaration"], fields: { id:(0,n.validateType)(["Identifier"]), typeParameters:(0,n.validateOptionalType)(["TypeParameterDeclaration"]), right:(0,n.validateType)(["FlowType"]) } } ), (0,n.default)(["DeclareOpaqueType"], { visitor:["id","typeParameters","supertype"], aliases:["Flow","FlowDeclaration","Statement","Declaration"], fields: { id:(0,n.validateType)(["Identifier"]), typeParameters:(0,n.validateOptionalType)(["TypeParameterDeclaration"]), supertype:(0,n.validateOptionalType)(["FlowType"]) } } ), (0,n.default)(["DeclareVariable"], { visitor:["id"], 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(0,n.default)(["ExistsTypeAnnotation"], { aliases:["Flow","FlowType"] } ), (0,n.default)(["FunctionTypeAnnotation"], { visitor:["typeParameters","params","rest","returnType"], aliases:["Flow","FlowType"], fields: { typeParameters:(0,n.validateOptionalType)(["TypeParameterDeclaration"]), params:(0,n.validate)((0,n.arrayOfType)(["FunctionTypeParam"]), rest:(0,n.validateOptionalType)(["FunctionTypeParam"]), this:(0,n.validateOptionalType)(["FunctionTypeParam"]), returnType:(0,n.validateType)(["FlowType"]) } } ), (0,n.default)(["FunctionTypeParam"], { visitor:["name"], aliases:["Flow"], fields: { name:(0,n.validateOptionalType)(["Identifier"]), typeAnnotation:(0,n.validateType)(["FlowType"]), optional:(0,n.validateOptional)((0,n.assertValueType)("boolean")) } } ), (0,n.default)(["GenericTypeAnnotation"], { visitor:["id","typeParameters"], aliases:["Flow","FlowType"], fields: { id:(0,n.validateType)(["Identifier","QualifiedTypeIdentifier"]), typeParameters:(0,n.validateOptionalType)(["TypeParameterInstantiation"]) } } ), (0,n.default)(["InferredPredicate"], { aliases:["Flow","FlowPredicate"] } ), (0,n.default)(["InterfaceExtends"], { visitor:["id","typeParameters"], aliases:["Flow"], fields: { id:(0,n.validateType)(["Identifier","QualifiedTypeIdentifier"]), typeParameters:(0,n.validateOptionalType)(["TypeParameterInstantiation"]) } } ), i(["InterfaceDeclaration"], (0,n.default)(["InterfaceTypeAnnotation"], { visitor:["extends","body"], aliases:["Flow","FlowType"], fields: { extends:(0,n.validateOptional)((0,n.arrayOfType)(["InterfaceExtends"]), body:(0,n.validateType)(["ObjectTypeAnnotation"]) } } ), (0,n.default)(["IntersectionTypeAnnotation"], { visitor:["types"], aliases:["Flow","FlowType"], fields: { types:(0,n.validate)((0,n.arrayOfType)(["FlowType"]) } } ), (0,n.default)(["MixedTypeAnnotation"], { aliases:["Flow","FlowType","FlowBaseAnnotation"] } ), (0,n.default)(["EmptyTypeAnnotation"], { 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internalSlots:(0,n.validateOptional)((0,n.arrayOfType)(["ObjectTypeInternalSlot"])), exact: { validate:(0,n.assertValueType)("boolean"), default:!1 }, inexact:(0,n.validateOptional)((0,n.assertValueType)("boolean")) } } ), (0,n.default)(["ObjectTypeInternal
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variance:(0,n.validateOptionalType)(\\"Variance\\")) }},(0,n.default)(\\"ObjectTypeProperty\\", { visitor:[\\"key\\",\\"value\\",\\"variance\\"], aliases:[\\"Flow\\",\\"UserWhitespacable\\"], fields: { key:(0,n.validateType)(\\"Identifier\\",\\"StringLiteral\\"), value:(0,n.validateType)(\\"FlowType\\"), kind:(0,n.validate)((0,n.assertOneOf)(\\"init\\",\\"get\\",\\"set\\")), static:(0,n.validate)((0,n.assertValueType)(\\"boolean\\")), proto:(0,n.validate)((0,n.assertValueType)(\\"boolean\\")), optional:(0,n.validate)((0,n.assertValueType)(\\"boolean\\")), variance:(0,n.validateOptionalType)(\\"Variance\\"), method:(0,n.validate)((0,n.assertValueType)(\\"boolean\\")) }},(0,n.default)(\\"ObjectTypeSpreadProperty\\", { visitor:[\\"argument\\"], aliases:[\\"Flow\\",\\"UserWhitespacable\\"], fields: { argument:(0,n.validateType)(\\"FlowType\\")) }},(0,n.default)(\\"OpaqueType\\", { visitor:[\\"id\\",\\"typeParameters\\",\\"supertype\\",\\"impltype\\"], 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lidate:(0,n.assertNodeType)(\\"JSXElement\\",\\"JSXFragment\\",\\"StringLiteral\\",\\"JSXExpressionContainer
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\\",\\"JSXSpreadChild\\",\\"JSXElement\\",\\"JSXFragment\\"))}},selfClosing:{validate:(0,n.assertValueType)(\
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n\\",\\"JSXNamespacedName\\")),selfClosing:{default:!1},attributes:{validate:(0,n.chain)((0,n.assertValueType)(\
\\"array\\"),(0,n.assertEach)((0,n.assertNodeType)(\\"JSXAttribute\\",\\"JSXSpreadAttribute\\"))}},typeParameter
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ate:(0,n.assertNodeType)(\\"Expression\\")}}),(0,n.default)(\\"JSXText\\",{aliases:[\\"JSX\\",\\"Immutable\\"],builder:[\\"value\\"],fields:{value:{validate:(0,n.assertValueType)(\\"string\\")}}),(0,n.default)(\\"JSXFragment\\",{builder:[\\"openingFragment\\",\\"closingFragment\\",\\"children\\"],visitor:[\\"openingFragment\\",\\"children\\",\\"closingFragment\\"],aliases:[\\"JSX\\",\\"Immutable\\",\\"Expression\\"],fields:{openingFragment:{validate:(0,n.assertNodeType)(\\"JSXOpeningFragment\\")},closingFragment:{validate:(0,n.assertNodeType)(\\"JSXClosingFragment\\")},children:{validate:(0,n.chain)((0,n.assertValueType)(\\"array\\"),(0,n.assertEach)((0,n.assertNodeType)(\\"JSXText\\",\\"JSXExpressionContainer\\",\\"JSXSpreadChild\\",\\"JSXElement\\",\\"JSXFragment\\"))}})),(0,n.default)(\\"JSXOpeningFragment\\",{aliases:[\\"JSX\\",\\"Immutable\\"]}),(0,n.default)(\\"JSXClosingFragment\\",{aliases:[\\"JSX\\",\\"Immutable\\"]}),function(e,t,r){\\"use strict\\";var n=r(10),i=r(105);(0,n.default)(\\"Noop\\",{visitor:[]}),(0,n.default)(\\"Placeholder\\",{visitor:[],builder:[\\"expectedNode\\",\\"name\\"],fields:{name:{validate:(0,n.assertNodeType)(\\"Identifier\\")},expectedNode:{validate:(0,n.assertOneOf(...i.PLACEHOLDERS))}}),(0,n.default)(\\"V8IntrinsicIdentifier\\",{builder:[\\"name\\"],fields:{name:{validate:(0,n.assertValueType)(\\"string\\")}}},function(e,t,r){\\"use strict\\";var n=r(10),i=r(55);(0,n.default)(\\"ArgumentPlaceholder\\",{visitor:[]}),(0,n.default)(\\"BindExpression\\",{visitor:[\\"object\\",\\"callee\\"],aliases:[\\"Expression\\"],fields:process.env.BABEL_TYPES_8_BREAKING?{object:{validate:(0,n.assertNodeType)(\\"Expression\\")},callee:{validate:(0,n.assertNodeType)(\\"Expression\\")}:object:{validate:Object.assign(=>{}},{oneOfNodeTypes:[\\"Expression\\"]}),callee:{validate:Object.assign(=>{}},{oneOfNodeTypes:[\\"Expression\\"]})}}),(0,n.default)(\\"ClassProperty\\",{visitor:[\\"key\\",\\"value\\",\\"typeAnnotation\\",\\"decorators\\"],builder:[\\"key\\",\\"value\\",\\"typeAnnotation\\",\\"decorators\\",\\"computed\\",\\"static\\"],aliases:[\\"Property\\"],fields:Object.assign({,i.classMethodOrPropertyCommon,{value:{validate:(0,n.assertNodeType)(\\"Expression\\")},optional:!0,definite:{validate:(0,n.assertValueType)(\\"boolean\\")},optional:!0},typeAnnotation:{validate:(0,n.assertNodeType)(\\"TypeAnnotation\\",\\"TSTypeAnnotation\\",\\"Noop\\"),optional:!0},decorators:{validate:(0,n.chain)((0,n.assertValueType)(\\"array\\"),(0,n.assertEach)((0,n.assertNodeType)(\\"Decorator\\"))},optional:!0},readonly:{validate:(0,n.assertValueType)(\\"boolean\\")},optional:!0},declare:{validate:(0,n.assertValueType)(\\"boolean\\")},optional:!0}}),(0,n.default)(\\"PipelineTopicExpression\\",{builder:[\\"expression\\"],visitor:[\\"expression\\"],fields:{expression:{validate:(0,n.assertNodeType)(\\"Expression\\")}}),(0,n.default)(\\"PipelineBareFunction\\",{builder:[\\"callee\\"],visitor:[\\"callee\\"],fields:{callee:{validate:(0,n.assertNodeType)(\\"Expression\\")}}),(0,n.default)(\\"PipelinePrimaryTopicReference\\",{aliases:[\\"Expression\\"]}),(0,n.default)(\\"ClassPrivateProperty\\",{visitor:[\\"key\\",\\"value\\",\\"decorators\\"],builder:[\\"key\\",\\"value\\",\\"decorators\\",\\"static\\"],aliases:[\\"Property\\",\\"Private\\"],fields:{key:{validate:(0,n.assertNodeType)(\\"PrivateName\\")},value:{validate:(0,n.assertNodeType)(\\"Expression\\")},optional:!0,typeAnnotation:{validate:(0,n.assertNodeType)(\\"TypeAnnotation\\",\\"TSTypeAnnotation\\",\\"Noop\\"),optional:!0},decorators:{validate:(0,n.chain)((0,n.assertValueType)(\\"array\\"),(0,n.assertEach)((0,n.assertNodeType)(\\"Decorator\\"))},optional:!0}}),(0,n.default)(\\"ClassPrivateMethod\\",{builder:[\\"kind\\",\\"key\\",\\"params\\",\\"body\\",\\"static\\"],visitor:[\\"key\\",\\"params\\",\\"body\\",\\"decorators\\",\\"returnType\\",\\"typeParameters\\"],aliases:[\\"Function\\",\\"Scopable\\",\\"BlockParent\\",\\"FunctionParent\\",\\"Method\\",\\"Private\\"],fields:Object.assign({,i.classMethodOrDeclareMethodCommon,i.functionTypeAnnotationCommon,{key:{validate:(0,n.assertNodeType)(\\"PrivateName\\")},body:{validate:(0,n.assertNodeType)(\\"BlockStatement\\")}}),(0,n.default)(\\"ImportAttribute\\",{visitor:[\\"key\\",\\"value\\"],fields:{key:{validate:(0,n.assertNodeType)(\\"Identifier\\",\\"StringLiteral\\")},value:{validate:(0,n.assertNodeType)(\\"StringLiteral\\")}}),(0,n.default)(\\"Decorator\\",{visitor:[\\"expression\\"],fields:{expression:{validate:(0,n.assertNodeType)(\\"Expression\\")}}),(0,n.default)(\\"DoExpression\\",{visitor:[\\"body\\"],builder:[\\"body\\",\\"async\\"],aliases:[\\"Expression\\"],fields:{body:{validate:(0,n.assertNodeType)(\\"BlockStatement\\")},async:{validate:(0,n.assertValueType)(\\"boolean\\")},default:!1}}),(0,n.default)(\\"ExportDefaultSpecifier\\",{visitor:[\\"exported\\"],aliases:[\\"ModuleSpecifier\\"],fields:{exported:{validate:(0,n.assertNodeType)(\\"Identifier\\")}}),(0,n.default)(\\"PrivateName\\",{visitor:[\\"id\\"],aliases:[\\"Private\\"],fields:{id:{validate:(0,n.assertNodeType)(\\"Identifier\\")}}),(0,n.default)(\\"RecordExpression\\",{visitor:[\\"properties\\"],aliases:[\\"Expression\\"],fields:{properties:{validate:(0,n.chain)((0,n.assertValueType)(\\"array\\"),(0,n.assertEach)((0,n.assertNodeType)(\\"ObjectProperty\\",\\"SpreadElement\\"))}})),(0,n.def

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    ault)(\\\\"TupleExpression\\\\",{fields:{elements:{validate:(0,n.chain)((0,n.assertValueType)(\\\\"array\\\\"),(0,n.assertEach)((0,n.assertNodeType)(\\\\"Expression\\\\"),\\\\"SpreadElement\\\\")),default:[]}},visitor:[\\\\"elements\\\\"],aliases:[\\\\"Expression\\\\"]}),(0,n.default)(\\\\"DecimalLiteral\\\\",{builder:[\\\\"value\\\\"],fields:{value:{validate:(0,n.assertValueType)(\\\\"string\\\\")}}},aliases:[\\\\"Expression\\\\"],\\\\"Pureish\\\\"},\\\\"Literal\\\\"},\\\\"Immutable\\\\"}),(0,n.default)(\\\\"StaticBlock\\\\",{visitor:[\\\\"body\\\\"],fields:{body:{validate:(0,n.chain)((0,n.assertValueType)(\\\\"array\\\\"),(0,n.assertEach)((0,n.assertNodeType)(\\\\"Statement\\\\"))}},aliases:[\\\\"Scopable\\\\"},\\\\"BlockParent\\\\"]}),(0,n.default)(\\\\"ModuleExpression\\\\",{visitor:[\\\\"body\\\\"],fields:{body:{validate:(0,n.assertNodeType)(\\\\"Program\\\\")}}},aliases:[\\\\"Expression\\\\"]}),function(e,t,r){\\\\"use strict\\\\";var n=r(10),i=r(55);const s=(0,n.assertValueType)(\\\\"boolean\\\\"),a={returnType:{validate:(0,n.assertNodeType)(\\\\"TSTypeAnnotation\\\\"},\\\\"Noop\\\\"),optional:!0},typeParameters:{validate:(0,n.assertNodeType)(\\\\"TSTypeParameterDeclaration\\\\"},\\\\"Noop\\\\"),optional:!0}};(0,n.default)(\\\\"TSParameterProperty\\\\",{aliases:[\\\\"LVal\\\\"],visitor:[\\\\"parameter\\\\"],fields:{accessibility:{validate:(0,n.assertOneOf)(\\\\"public\\\\"},\\\\"private\\\\"},\\\\"protected\\\\"),optional:!0},readonly:{validate:(0,n.assertValueType)(\\\\"boolean\\\\"),optional:!0},parameter:{validate:(0,n.assertNodeType)(\\\\"Identifier\\\\"},\\\\"AssignmentPattern\\\\"))}},(0,n.default)(\\\\"TSDeclareFunction\\\\",{aliases:[\\\\"Statement\\\\"},\\\\"Declaration\\\\"],visitor:[\\\\"id\\\\"},\\\\"typeParameters\\\\"},\\\\"params\\\\"},\\\\"returnType\\\\"],fields:Object.assign({,i.functionDeclarationCommon,a)}),(0,n.default)(\\\\"TSDeclareMethod\\\\",{visitor:[\\\\"decorators\\\\"},\\\\"key\\\\"},\\\\"typeParameters\\\\"},\\\\"params\\\\"},\\\\"returnType\\\\"],fields:Object.assign({,i.classMethodOrDeclareMethodCommon,a)}),(0,n.default)(\\\\"TSQualifiedName\\\\",{aliases:[\\\\"TSEntityName\\\\"],visitor:[\\\\"left\\\\"},\\\\"right\\\\"],fields:{left:(0,n.validateType)(\\\\"TSEntityName\\\\"},right:(0,n.validateType)(\\\\"Identifier\\\\"))});const 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c={key:(0,n.validateType)(\\\\"Expression\\\\"},computed:(0,n.validate)(s),optional:(0,n.validateOptional)(s)};(0,n.default)(\\\\"TSPropertySignature\\\\"},{aliases:[\\\\"TSTypeElement\\\\"],visitor:[\\\\"key\\\\"},\\\\"typeAnnotation\\\\"},\\\\"initializer\\\\"],fields:Object.assign({,c,{readonly:(0,n.validateOptional)(s),typeAnnotation:(0,n.validateOptionalType)(\\\\"TSTypeAnnotation\\\\"},initializer:(0,n.validateOptionalType)(\\\\"Expression\\\\"))}},(0,n.default)(\\\\"TSMethodSignature\\\\"},{aliases:[\\\\"TSTypeElement\\\\"],visitor:[\\\\"key\\\\"},\\\\"typeParameters\\\\"},\\\\"parameters\\\\"},\\\\"typeAnnotation\\\\"],fields:Object.assign({,o,c,{kind:{validate:(0,n.assertOneOf)(\\\\"method\\\\"},\\\\"get\\\\"},\\\\"set\\\\"))}}),(0,n.default)(\\\\"TSIndexSignature\\\\"},{aliases:[\\\\"TSTypeElement\\\\"],visitor:[\\\\"parameters\\\\"},\\\\"typeAnnotation\\\\"],fields:{readonly:(0,n.validateOptional)(s),static:(0,n.validateOptional)(s),parameters:(0,n.validateArrayOfType)(\\\\"Identifier\\\\"},typeAnnotation:(0,n.validateOptionalType)(\\\\"TSTypeAnnotation\\\\"))});const p=[\\\\"TSAnyKeyword\\\\"},\\\\"TSBooleanKeyword\\\\"},\\\\"TSBigIntKeyword\\\\"},\\\\"TSIntrinsicKeyword\\\\"},\\\\"TSNeverKeyword\\\\"},\\\\"TSNullKeyword\\\\"},\\\\"TSNumberKeyword\\\\"},\\\\"TSObjectKeyword\\\\"},\\\\"TSStringKeyword\\\\"},\\\\"TSSymbolKeyword\\\\"},\\\\"TSUndefinedKeyword\\\\"},\\\\"TSUnknownKeyword\\\\"},\\\\"TSVoidKeyword\\\\"}];for(const e of p)(0,n.default)(e,{aliases:[\\\\"TSType\\\\"},\\\\"TSBaseType\\\\"],visitor:[],fields:{}});(0,n.default)(\\\\"TSThisType\\\\"},{aliases:[\\\\"TSType\\\\"},\\\\"TSBaseType\\\\"],visitor:[],fields:{});const u={aliases:[\\\\"TSType\\\\"],visitor:[\\\\"typeParameters\\\\"},\\\\"parameters\\\\"},\\\\"typeAnnotation\\\\"]};(0,n.default)(\\\\"TSFunctionType\\\\"},Object.assign({,u,{fields:o}}),(0,n.default)(\\\\"TSConstructorType\\\\"},Object.assign({,u,{fields:Object.assign({,o,{abstract:(0,n.validateOptional)(s)}})),(0,n.default)(\\\\"TSTypeReference\\\\"},{aliases:[\\\\"TSType\\\\"],visitor:[\\\\"typeName\\\\"},\\\\"typeParameters\\\\"],fields:{typeName:(0,n.validateType)(\\\\"TSEntityName\\\\"},typeParameters:(0,n.validateOptionalType)(\\\\"TSTypeParameterInstantiation\\\\"))}},(0,n.default)(\\\\"TSTypePredicate\\\\"},{aliases:[\\\\"TSType\\\\"],visitor:[\\\\"parameterName\\\\"},\\\\"typeAnnotation\\\\"],builder:[\\\\"parameterName\\\\"},\\\\"typeAnnotation\\\\"},\\\\"asserts\\\\"],fields:{parameterName:(0,n.validateType)(\\\\"Identifier\\\\"},\\\\"TSThisType\\\\"},typeAnnotation:(0,n.validateOptionalType)(\\\\"TSTypeAnnotation\\\\"},asserts:(0,n.validateOptional)(s)}),(0,n.default)(\\\\"TSTypeQuery\\\\"},{aliases:[\\\\"TSType\\\\"],visitor:[\\\\"exprName\\\\"],fields:{exprName:(0,n.validateType)(\\\\"TSEntityName\\\\"},\\\\"TSImportType\\\\"))}},(0,n.default)(\\\\"TSTypeLiteral\\\\"},{aliases:[\\\\"TSType\\\\"],visitor

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ptional:!0}}},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),t.default=function(e){if(!(0,n.default)(e)){var
t;const r=null!=(t=null===e?void 0:e.type)?t.JSON.stringify(e);throw new TypeError(`Not a valid node of type
\\\\"${r}\\\\"`)};var n=r(106)},function(e,t,r){\\\\"use
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hCase=function(e,t){i(\\\\"SwitchCase\\\\",e,t)},t.assertSwitchStatement=function(e,t){i(\\\\"SwitchStatement\\\\",e,t)},t

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```
ertObjectTypeProperty=function(e,t){i("\\Object\\Type\\Property\\",e,t)},t.assertObjectTypeSpreadProperty=function(e,t){i("\\Object\\Type\\Spread\\Property\\",e,t)},t.assertOpaqueType=function(e,t){i("\\Opaque\\Type\\",e,t)},t.assertQualifiedTypeIdentifier=function(e,t){i("\\Qualified\\Type\\Identifier\\",e,t)},t.assertStringLiteralTypeAnnotation=function(e,t){i("\\String\\Literal\\Type\\Annotation\\",e,t)},t.assertStringTypeAnnotation=function(e,t){i("\\String\\Type\\Annotation\\",e,t)},t.assertSymbolTypeAnnotation=function(e,t){i("\\Symbol\\Type\\Annotation\\",e,t)},t.assertThisTypeAnnotation=function(e,t){i("\\This\\Type\\Annotation\\",e,t)},t.assertTupleTypeAnnotation=function(e,t){i("\\Tuple\\Type\\Annotation\\",e,t)},t.assertTypeofTypeAnnotation=function(e,t){i("\\Typeof\\Type\\Annotation\\",e,t)},t.assertTypeAlias=function(e,t){i("\\Type\\Alias\\",e,t)},t.assertTypeAnnotation=function(e,t){i("\\Type\\Annotation\\",e,t)},t.assertTypeCastExpression=function(e,t){i("\\Type\\Cast\\Expression\\",e,t)},t.assertTypeParameter=function(e,t){i("\\Type\\Parameter\\",e,t)},t.assertTypeParameterDeclaration=function(e,t){i("\\Type\\Parameter\\Declaration\\",e,t)},t.assertTypeParameterInstantiation=function(e,t){i("\\Type\\Parameter\\Instantiation\\",e,t)},t.assertUnionTypeAnnotation=function(e,t){i("\\Union\\Type\\Annotation\\",e,t)},t.assertVariance=function(e,t){i("\\Variance\\",e,t)},t.assertVoidTypeAnnotation=function(e,t){i("\\Void\\Type\\Annotation\\",e,t)},t.assertEnumDeclaration=function(e,t){i("\\Enum\\Declaration\\",e,t)},t.assertEnumBooleanBody=function(e,t){i("\\Enum\\Boolean\\Body\\",e,t)},t.assertEnumNumberBody=function(e,t){i("\\Enum\\Number\\Body\\",e,t)},t.assertEnumStringBody=function(e,t){i("\\Enum\\String\\Body\\",e,t)},t.assertEnumSymbolBody=function(e,t){i("\\Enum\\Symbol\\Body\\",e,t)},t.assertEnumBooleanMember=function(e,t){i("\\Enum\\Boolean\\Member\\",e,t)},t.assertEnumNumberMember=function(e,t){i("\\Enum\\Number\\Member\\",e,t)},t.assertEnumStringMember=function(e,t){i("\\Enum\\String\\Member\\",e,t)},t.assertEnumDefaultedMember=function(e,t){i("\\Enum\\Defaulted\\Member\\",e,t)},t.assertIndexedAccessType=function(e,t){i("\\Indexed\\Access\\Type\\",e,t)},t.assertOptionalIndexedAccessType=function(e,t){i("\\Optional\\Indexed\\Access\\Type\\",e,t)},t.assertJSXAttribute=function(e,t){i("\\JSX\\Attribute\\",e,t)},t.assertJSXClosingElement=function(e,t){i("\\JSX\\Closing\\Element\\",e,t)},t.assertJSXElement=function(e,t){i("\\JSX\\Element\\",e,t)},t.assertJSXEmptyExpression=function(e,t){i("\\JSX\\Empty\\Expression\\",e,t)},t.assertJSXExpressionContainer=function(e,t){i("\\JSX\\Expression\\Container\\",e,t)},t.assertJSXSpreadChild=function(e,t){i("\\JSX\\Spread\\Child\\",e,t)},t.assertJSXIdentifier=function(e,t){i("\\JSX\\Identifier\\",e,t)},t.assertJSXMemberExpression=function(e,t){i("\\JSX\\Member\\Expression\\",e,t)},t.assertJSXNamespacedName=function(e,t){i("\\JSX\\Namespaced\\Name\\",e,t)},t.assertJSXOpeningElement=function(e,t){i("\\JSX\\Opening\\Element\\",e,t)},t.assertJSXSpreadAttribute=function(e,t){i("\\JSX\\Spread\\Attribute\\",e,t)},t.assertJSXText=function(e,t){i("\\JSX\\Text\\",e,t)},t.assertJSXFragment=function(e,t){i("\\JSX\\Fragment\\",e,t)},t.assertJSXOpeningFragment=function(e,t){i("\\JSX\\Opening\\Fragment\\",e,t)},t.assertJSXClosingFragment=function(e,t){i("\\JSX\\Closing\\Fragment\\",e,t)},t.assertNoop=function(e,t){i("\\Noop\\",e,t)},t.assertPlaceholder=function(e,t){i("\\Placeholder\\",e,t)},t.assertV8IntrinsicIdentifier=function(e,t){i("\\V8\\Intrinsic\\Identifier\\",e,t)},t.assertArgumentPlaceholder=function(e,t){i("\\Argument\\Placeholder\\",e,t)},t.assertBindExpression=function(e,t){i("\\Bind\\Expression\\",e,t)},t.assertClassProperty=function(e,t){i("\\Class\\Property\\",e,t)},t.assertPipelineTopicExpression=function(e,t){i("\\Pipeline\\Topic\\Expression\\",e,t)},t.assertPipelineBareFunction=function(e,t){i("\\Pipeline\\Bare\\Function\\",e,t)},t.assertPipelinePrimaryTopicReference=function(e,t){i("\\Pipeline\\Primary\\Topic\\Reference\\",e,t)},t.assertClassPrivateProperty=function(e,t){i("\\Class\\Private\\Property\\",e,t)},t.assertClassPrivateMethod=function(e,t){i("\\Class\\Private\\Method\\",e,t)},t.assertImportAttribute=function(e,t){i("\\Import\\Attribute\\",e,t)},t.assertDecorator=function(e,t){i("\\Decorator\\",e,t)},t.assertDoExpression=function(e,t){i("\\Do\\Expression\\",e,t)},t.assertExportDefaultSpecifier=function(e,t){i("\\Export\\Default\\Specifier\\",e,t)},t.assertPrivateName=function(e,t){i("\\Private\\Name\\",e,t)},t.assertRecordExpression=function(e,t){i("\\Record\\Expression\\",e,t)},t.assertTupleExpression=function(e,t){i("\\Tuple\\Expression\\",e,t)},t.assertDecimalLiteral=function(e,t){i("\\Decimal\\Literal\\",e,t)},t.assertStaticBlock=function(e,t){i("\\Static\\Block\\",e,t)},t.assertModuleExpression=function(e,t){i("\\Module\\Expression\\",e,t)},t.assertTSParameterProperty=function(e,t){i("\\TS\\Parameter\\Property\\",e,t)},t.assertTSDeclareFunction=function(e,t){i("\\TS\\Declare\\Function\\",e,t)},t.assertTSDeclareMethod=function(e,t){i("\\TS\\Declare\\Method\\",e,t)},t.assertTSQualifiedName=function(e,t){i("\\TS\\Qualified\\Name\\",e,t)},t.assertTSCallSignatureDeclaration=function(e,t){i("\\TS\\Call\\Signature\\Declaration\\",e,t)},t.assertTSConstructSignatureDeclaration=function(e,t){i("\\TS\\Construct\\Signature\\Declaration\\",e,t)},t.assertTSPropertySignature=function(e,t){i("\\TS\\Property\\Signature\\",e,t)},t.assertTSMethodSignature=function(e,t){i("\\TS\\Method\\Signature\\",e,t)},t.assertTSIndexSignature=function(e,t){i("\\TS\\Index\\Signature\\",e,t)}
```

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Signature\\",e,t)},t.assertTSAnyKeyword=function(e,t){i(\\\\"TSAnyKeyword\\\\" ,e,t)},t.assertTSBooleanKeyword=f
unction(e,t){i(\\\\"TSBooleanKeyword\\\\" ,e,t)},t.assertTSBigIntKeyword=function(e,t){i(\\\\"TSBigIntKeyword\\\\" ,e,t
)},t.assertTSIntrinsicKeyword=function(e,t){i(\\\\"TSIntrinsicKeyword\\\\" ,e,t)},t.assertTSNeverKeyword=function(e,
t){i(\\\\"TSNeverKeyword\\\\" ,e,t)},t.assertTSNullKeyword=function(e,t){i(\\\\"TSNullKeyword\\\\" ,e,t)},t.assertTSNu
mberKeyword=function(e,t){i(\\\\"TSNumberKeyword\\\\" ,e,t)},t.assertTSObjectKeyword=function(e,t){i(\\\\"TSObj
ectKeyword\\\\" ,e,t)},t.assertTSStringKeyword=function(e,t){i(\\\\"TSStringKeyword\\\\" ,e,t)},t.assertTSSymbolKeyw
ord=function(e,t){i(\\\\"TSSymbolKeyword\\\\" ,e,t)},t.assertTSUndefinedKeyword=function(e,t){i(\\\\"TSUndefinedK
eyword\\\\" ,e,t)},t.assertTSUnknownKeyword=function(e,t){i(\\\\"TSUnknownKeyword\\\\" ,e,t)},t.assertTSVoidKeyw
ord=function(e,t){i(\\\\"TSVoidKeyword\\\\" ,e,t)},t.assertTSThisType=function(e,t){i(\\\\"TSThisType\\\\" ,e,t)},t.assert
TSFunctionType=function(e,t){i(\\\\"TSFunctionType\\\\" ,e,t)},t.assertTSConstructorType=function(e,t){i(\\\\"TSCons
tructorType\\\\" ,e,t)},t.assertTSTypeReference=function(e,t){i(\\\\"TSTypeReference\\\\" ,e,t)},t.assertTSTypePredicate
=function(e,t){i(\\\\"TSTypePredicate\\\\" ,e,t)},t.assertTSTypeQuery=function(e,t){i(\\\\"TSTypeQuery\\\\" ,e,t)},t.assert
TSTypeLiteral=function(e,t){i(\\\\"TSTypeLiteral\\\\" ,e,t)},t.assertTSArrayType=function(e,t){i(\\\\"TSArrayType\\\\" ,
e,t)},t.assertTSTupleType=function(e,t){i(\\\\"TSTupleType\\\\" ,e,t)},t.assertTSOptionalType=function(e,t){i(\\\\"TSO
ptionalType\\\\" ,e,t)},t.assertTSRestType=function(e,t){i(\\\\"TSRestType\\\\" ,e,t)},t.assertTSNamedTupleMember=fu
nction(e,t){i(\\\\"TSNamedTupleMember\\\\" ,e,t)},t.assertTSUnionType=function(e,t){i(\\\\"TSUnionType\\\\" ,e,t)},t.as
sertTSIntersectionType=function(e,t){i(\\\\"TSIntersectionType\\\\" ,e,t)},t.assertTSConditionalType=function(e,t){i(\\
\\\\"TSConditionalType\\\\" ,e,t)},t.assertTSInferType=function(e,t){i(\\\\"TSInferType\\\\" ,e,t)},t.assertTSParenthesized
Type=function(e,t){i(\\\\"TSParenthesizedType\\\\" ,e,t)},t.assertTSTypeOperator=function(e,t){i(\\\\"TSTypeOperator\\
\\\\" ,e,t)},t.assertTSIndexedAccessType=function(e,t){i(\\\\"TSIndexedAccessType\\\\" ,e,t)},t.assertTSMappedType=fu
nction(e,t){i(\\\\"TSMappedType\\\\" ,e,t)},t.assertTSLiteralType=function(e,t){i(\\\\"TSLiteralType\\\\" ,e,t)},t.assertTS
ExpressionWithTypeArguments=function(e,t){i(\\\\"TSExpressionWithTypeArguments\\\\" ,e,t)},t.assertTSInterfaceD
eclaration=function(e,t){i(\\\\"TSInterfaceDeclaration\\\\" ,e,t)},t.assertTSInterfaceBody=function(e,t){i(\\\\"TSInterfac
eBody\\\\" ,e,t)},t.assertTSTypeAliasDeclaration=function(e,t){i(\\\\"TSTypeAliasDeclaration\\\\" ,e,t)},t.assertTSAsEx
pression=function(e,t){i(\\\\"TSAsExpression\\\\" ,e,t)},t.assertTSTypeAssertion=function(e,t){i(\\\\"TSTypeAssertion\\
\\\\" ,e,t)},t.assertTSEnumDeclaration=function(e,t){i(\\\\"TSEnumDeclaration\\\\" ,e,t)},t.assertTSEnumMember=functio
n(e,t){i(\\\\"TSEnumMember\\\\" ,e,t)},t.assertTSModuleDeclaration=function(e,t){i(\\\\"TSModuleDeclaration\\\\" ,e,t)
},t.assertTSModuleBlock=function(e,t){i(\\\\"TSModuleBlock\\\\" ,e,t)},t.assertTSImportType=function(e,t){i(\\\\"TSIm
portType\\\\" ,e,t)},t.assertTSImportEqualsDeclaration=function(e,t){i(\\\\"TSImportEqualsDeclaration\\\\" ,e,t)},t.assert
TSExternalModuleReference=function(e,t){i(\\\\"TSExternalModuleReference\\\\" ,e,t)},t.assertTSNonNullExpression
=function(e,t){i(\\\\"TSNonNullExpression\\\\" ,e,t)},t.assertTSExportAssignment=function(e,t){i(\\\\"TSExportAssign
ment\\\\" ,e,t)},t.assertTSNamespaceExportDeclaration=function(e,t){i(\\\\"TSNamespaceExportDeclaration\\\\" ,e,t)},t.
assertTSTypeAnnotation=function(e,t){i(\\\\"TSTypeAnnotation\\\\" ,e,t)},t.assertTSTypeParameterInstantiation=func
tion(e,t){i(\\\\"TSTypeParameterInstantiation\\\\" ,e,t)},t.assertTSTypeParameterDeclaration=function(e,t){i(\\\\"TSTyp
eParameterDeclaration\\\\" ,e,t)},t.assertTSTypeParameter=function(e,t){i(\\\\"TSTypeParameter\\\\" ,e,t)},t.assertExpres
sion=function(e,t){i(\\\\"Expression\\\\" ,e,t)},t.assertBinary=function(e,t){i(\\\\"Binary\\\\" ,e,t)},t.assertScopable=func
tion(e,t){i(\\\\"Scopable\\\\" ,e,t)},t.assertBlockParent=function(e,t){i(\\\\"BlockParent\\\\" ,e,t)},t.assertBlock=function(e,
t){i(\\\\"Block\\\\" ,e,t)},t.assertStatement=function(e,t){i(\\\\"Statement\\\\" ,e,t)},t.assertTerminatorless=function(e,t){i(\\
\\\\"Terminatorless\\\\" ,e,t)},t.assertCompletionStatement=function(e,t){i(\\\\"CompletionStatement\\\\" ,e,t)},t.assertCon
ditional=function(e,t){i(\\\\"Conditional\\\\" ,e,t)},t.assertLoop=function(e,t){i(\\\\"Loop\\\\" ,e,t)},t.assertWhile=function
(e,t){i(\\\\"While\\\\" ,e,t)},t.assertExpressionWrapper=function(e,t){i(\\\\"ExpressionWrapper\\\\" ,e,t)},t.assertFor=func
tion(e,t){i(\\\\"For\\\\" ,e,t)},t.assertForXStatement=function(e,t){i(\\\\"ForXStatement\\\\" ,e,t)},t.assertFunction=functio
n(e,t){i(\\\\"Function\\\\" ,e,t)},t.assertFunctionParent=function(e,t){i(\\\\"FunctionParent\\\\" ,e,t)},t.assertPureish=functi
on(e,t){i(\\\\"Pureish\\\\" ,e,t)},t.assertDeclaration=function(e,t){i(\\\\"Declaration\\\\" ,e,t)},t.assertPatternLike=function(
e,t){i(\\\\"PatternLike\\\\" ,e,t)},t.assertLVal=function(e,t){i(\\\\"LVal\\\\" ,e,t)},t.assertTSEntityName=function(e,t){i(\\
\\\\"TSEntityName\\\\" ,e,t)},t.assertLiteral=function(e,t){i(\\\\"Literal\\\\" ,e,t)},t.assertImmutable=function(e,t){i(\\\\"Imm
utable\\\\" ,e,t)},t.assertUserWhitespacable=function(e,t){i(\\\\"UserWhitespacable\\\\" ,e,t)},t.assertMethod=function(e,
t){i(\\\\"Method\\\\" ,e,t)},t.assertObjectMember=function(e,t){i(\\\\"ObjectMember\\\\" ,e,t)},t.assertProperty=function(

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e,t){i(\\\\"Property\\\\\\",e,t)},t.assertUnaryLike=function(e,t){i(\\\\"UnaryLike\\\\\\",e,t)},t.assertPattern=function(e,t){i(\\\\"
Pattern\\\\\\",e,t)},t.assertClass=function(e,t){i(\\\\"Class\\\\\\",e,t)},t.assertModuleDeclaration=function(e,t){i(\\\\"Modul
eDeclaration\\\\\\",e,t)},t.assertExportDeclaration=function(e,t){i(\\\\"ExportDeclaration\\\\\\",e,t)},t.assertModuleSpecifi
er=function(e,t){i(\\\\"ModuleSpecifier\\\\\\",e,t)},t.assertFlow=function(e,t){i(\\\\"Flow\\\\\\",e,t)},t.assertFlowType=funct
ion(e,t){i(\\\\"FlowType\\\\\\",e,t)},t.assertFlowBaseAnnotation=function(e,t){i(\\\\"FlowBaseAnnotation\\\\\\",e,t)},t.assertFlowDeclaration=function(e,t){i(\\\\"FlowDeclaration\\\\\\",e,t)},t.assertFlowPredicate=function(e,t){i(\\\\"FlowPredica
te\\\\\\",e,t)},t.assertEnumBody=function(e,t){i(\\\\"EnumBody\\\\\\",e,t)},t.assertEnumMember=function(e,t){i(\\\\"Enum
Member\\\\\\",e,t)},t.assertJSX=function(e,t){i(\\\\"JSX\\\\\\",e,t)},t.assertPrivate=function(e,t){i(\\\\"Private\\\\\\",e,t)},t.assertTSTypeElement=function(e,t){i(\\\\"TSTypeElement\\\\\\",e,t)},t.assertTSType=function(e,t){i(\\\\"TSType\\\\\\",e,t)},t.assertTSBaseType=function(e,t){i(\\\\"TSBaseType\\\\\\",e,t)},t.assertNumberLiteral=function(e,t){console.trace(\\\\"The
node type NumberLiteral has been renamed to
NumericLiteral\\\\\\"),i(\\\\"NumberLiteral\\\\\\",e,t)},t.assertRegexLiteral=function(e,t){console.trace(\\\\"The node type
RegexLiteral has been renamed to
RegExpLiteral\\\\\\"),i(\\\\"RegexLiteral\\\\\\",e,t)},t.assertRestProperty=function(e,t){console.trace(\\\\"The node type
RestProperty has been renamed to
RestElement\\\\\\"),i(\\\\"RestProperty\\\\\\",e,t)},t.assertSpreadProperty=function(e,t){console.trace(\\\\"The node type
SpreadProperty has been renamed to SpreadElement\\\\\\"),i(\\\\"SpreadProperty\\\\\\",e,t)};var n=r(36);function
i(e,t,r){if(!(0,n.default)(e,t,r))throw new Error("Expected type \\\\"$e\\\\\\\" with option ${JSON.stringify(r)}, but
instead got \\\\"${t.type}\\\\\\\".");},function(e,t,r){\\\\"use
strict\\\\\\";Object.defineProperty(t,\\\\"__esModule\\\\\\",{value:!0}),t.default=function(e){if(\\\\"string\\\\\\\"===e)return(0,n
.stringTypeAnnotation());if(\\\\"number\\\\\\\"===e)return(0,n.numberTypeAnnotation());if(\\\\"undefined\\\\\\\"===e)return
(0,n.voidTypeAnnotation());if(\\\\"boolean\\\\\\\"===e)return(0,n.booleanTypeAnnotation());if(\\\\"function\\\\\\\"===e)retu
rn(0,n.genericTypeAnnotation)((0,n.identifier)(\\\\"Function\\\\\\\"));if(\\\\"object\\\\\\\"===e)return(0,n.genericTypeAnnotat
ion)((0,n.identifier)(\\\\"Object\\\\\\\"));if(\\\\"symbol\\\\\\\"===e)return(0,n.genericTypeAnnotation)((0,n.identifier)(\\\\"Sym
bol\\\\\\\"));if(\\\\"bigint\\\\\\\"===e)return(0,n.anyTypeAnnotation());throw new Error(\\\\"Invalid typeof value: \\\\"+e\\\\\\");};var
n=r(3)},function(e,t,r){\\\\"use
strict\\\\\\";Object.defineProperty(t,\\\\"__esModule\\\\\\",{value:!0}),t.default=function(e){const t=(0,i.default)(e);return
1===t.length?t[0):(0,n.unionTypeAnnotation)(t)};var n=r(3),i=r(107)},function(e,t,r){\\\\"use
strict\\\\\\";Object.defineProperty(t,\\\\"__esModule\\\\\\",{value:!0}),t.default=function(e){const
t=e.map(e=>e.typeAnnotation),r=(0,i.default)(t);return 1===r.length?r[0):(0,n.tsUnionType)(r)};var
n=r(3),i=r(279)},function(e,t,r){\\\\"use
strict\\\\\\";Object.defineProperty(t,\\\\"__esModule\\\\\\",{value:!0}),t.default=function(e){const
t={},r={},i=[],s=[];for(let t=0;t<e.length;t++){const
a=e[t];if(a&&!s.indexOf(a)>=0)}{if((0,n.isTSAnyKeyword)(a))return[a];(0,n.isTSBaseType)(a)?r[a.type]=a:(0,n.is
TSUnionType)(a)?i.indexOf(a.types)<0&&(e=e.concat(a.types),i.push(a.types)):s.push(a)}for(const e of
Object.keys(r))s.push(r[e]);for(const e of Object.keys(t))s.push(t[e]);return s};var n=r(1)},function(e,t,r){\\\\"use
strict\\\\\\";Object.defineProperty(t,\\\\"__esModule\\\\\\",{value:!0}),Object.defineProperty(t,\\\\"ArrayExpression\\\\\\",{en
umerable:!0,get:function(){return
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n.interpreterDirective}}),Object.defineProperty(t,\\\\"Directive\\\\\\",{enumerable:!0,get:function(){return
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n.catchClause}}),Object.defineProperty(t,\\\\"ConditionalExpression\\\\\\",{enumerable:!0,get:function(){return

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n.conditionalExpression })),Object.defineProperty(t,\\\\"ContinueStatement\\\\",{enumerable:!0,get:function(){return
n.continueStatement })),Object.defineProperty(t,\\\\"DebuggerStatement\\\\",{enumerable:!0,get:function(){return
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n.emptyStatement })),Object.defineProperty(t,\\\\"ExpressionStatement\\\\",{enumerable:!0,get:function(){return
n.expressionStatement })),Object.defineProperty(t,\\\\"File\\\\",{enumerable:!0,get:function(){return
n.file })),Object.defineProperty(t,\\\\"ForInStatement\\\\",{enumerable:!0,get:function(){return
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n.forStatement })),Object.defineProperty(t,\\\\"FunctionDeclaration\\\\",{enumerable:!0,get:function(){return
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n.numericLiteral })),Object.defineProperty(t,\\\\"NullLiteral\\\\",{enumerable:!0,get:function(){return
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n.booleanLiteral })),Object.defineProperty(t,\\\\"RegExpLiteral\\\\",{enumerable:!0,get:function(){return
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urn n.parenthesizedExpression })),Object.defineProperty(t,\\\\"SwitchCase\\\\",{enumerable:!0,get:function(){return
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ar n=r(16)},function(e,t,r){\\\\"use
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ar n=r(16)},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\",{ value:!0}),t.default=function(e,t,r,i){return(0,n.default)(e,t,[[{ty
pe:i?\\\\"CommentLine\\\\":\\\\"CommentBlock\\\"\\\",value:r]])};var n=r(108)},function(e,t,r){\\\\"use
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n.COMMENT_KEYS.forEach(t=>{e[t]=null}),e};var n=r(15)},function(e,t,r){\\\\"use
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TYPEELEMENT_TYPES=t.PRIVATE_TYPES=t.JSX_TYPES=t.ENUMMEMBER_TYPES=t.ENUMBODY_TY
PES=t.FLOWPREDICATE_TYPES=t.FLOWDECLARATION_TYPES=t.FLOWBASEANNOTATION_TYPES=t
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UTABLE_TYPES=t.LITERAL_TYPES=t.TSENTITYNAME_TYPES=t.LVAL_TYPES=t.PATTERNLIKE_TY
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YPES=t.CONDITIONAL_TYPES=t.COMPLETIONSTATEMENT_TYPES=t.TERMINATORLESS_TYPES=t.S
TATEMENT_TYPES=t.BLOCK_TYPES=t.BLOCKPARENT_TYPES=t.SCOPABLE_TYPES=t.BINARY_TY
PE_S=t.EXPRESSION_TYPES=void 0;var n=r(6);const
i=n.FLIPPED_ALIAS_KEYS.Expression;t.EXPRESSION_TYPES=i;const
s=n.FLIPPED_ALIAS_KEYS.Binary;t.BINARY_TYPES=s;const
a=n.FLIPPED_ALIAS_KEYS.Scopable;t.SCOPABLE_TYPES=a;const
o=n.FLIPPED_ALIAS_KEYS.BlockParent;t.BLOCKPARENT_TYPES=o;const
l=n.FLIPPED_ALIAS_KEYS.Block;t.BLOCK_TYPES=l;const
c=n.FLIPPED_ALIAS_KEYS.Statement;t.STATEMENT_TYPES=c;const
p=n.FLIPPED_ALIAS_KEYS.Terminatorless;t.TERMINATORLESS_TYPES=p;const
u=n.FLIPPED_ALIAS_KEYS.CompletionStatement;t.COMPLETIONSTATEMENT_TYPES=u;const
d=n.FLIPPED_ALIAS_KEYS.Conditional;t.CONDITIONAL_TYPES=d;const
h=n.FLIPPED_ALIAS_KEYS.Loop;t.LOOP_TYPES=h;const
f=n.FLIPPED_ALIAS_KEYS.While;t.WHILE_TYPES=f;const
m=n.FLIPPED_ALIAS_KEYS.ExpressionWrapper;t.EXPRESSIONWRAPPER_TYPES=m;const
y=n.FLIPPED_ALIAS_KEYS.For;t.FOR_TYPES=y;const
T=n.FLIPPED_ALIAS_KEYS.ForXStatement;t.FORXSTATEMENT_TYPES=T;const
b=n.FLIPPED_ALIAS_KEYS.Function;t.FUNCTION_TYPES=b;const
g=n.FLIPPED_ALIAS_KEYS.FunctionParent;t.FUNCTIONPARENT_TYPES=g;const
S=n.FLIPPED_ALIAS_KEYS.Pureish;t.PUREISH_TYPES=S;const
x=n.FLIPPED_ALIAS_KEYS.Declaration;t.DECLARATION_TYPES=x;const
E=n.FLIPPED_ALIAS_KEYS.PatternLike;t.PATTERNLIKE_TYPES=E;const
P=n.FLIPPED_ALIAS_KEYS.LVal;t.LVAL_TYPES=P;const
v=n.FLIPPED_ALIAS_KEYS.TEntityName;t.TENTITYNAME_TYPES=v;const
A=n.FLIPPED_ALIAS_KEYS.Literal;t.LITERAL_TYPES=A;const

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w=n.FLIPPED_ALIAS_KEYS.Immutable;t.IMMUTABLE_TYPES=w;const
O=n.FLIPPED_ALIAS_KEYS.UserWhitespacable;t.USERWHITESPACABLE_TYPES=O;const
I=n.FLIPPED_ALIAS_KEYS.Method;t.METHOD_TYPES=I;const
C=n.FLIPPED_ALIAS_KEYS.ObjectMember;t.OBJECTMEMBER_TYPES=C;const
N=n.FLIPPED_ALIAS_KEYS.Property;t.PROPERTY_TYPES=N;const
k=n.FLIPPED_ALIAS_KEYS.UnaryLike;t.UNARYLIKE_TYPES=k;const
D=n.FLIPPED_ALIAS_KEYS.Pattern;t.PATTERN_TYPES=D;const
_=n.FLIPPED_ALIAS_KEYS.Class;t.CLASS_TYPES=_;const
L=n.FLIPPED_ALIAS_KEYS.ModuleDeclaration;t.MODULEDECLARATION_TYPES=L;const
M=n.FLIPPED_ALIAS_KEYS.ExportDeclaration;t.EXPORTDECLARATION_TYPES=M;const
j=n.FLIPPED_ALIAS_KEYS.ModuleSpecifier;t.MODULESPECIFIER_TYPES=j;const
F=n.FLIPPED_ALIAS_KEYS.Flow;t.FLOW_TYPES=F;const
R=n.FLIPPED_ALIAS_KEYS.FlowType;t.FLOWTYPE_TYPES=R;const
B=n.FLIPPED_ALIAS_KEYS.FlowBaseAnnotation;t.FLOWBASEANNOTATION_TYPES=B;const
U=n.FLIPPED_ALIAS_KEYS.FlowDeclaration;t.FLOWDECLARATION_TYPES=U;const
V=n.FLIPPED_ALIAS_KEYS.FlowPredicate;t.FLOWPREDICATE_TYPES=V;const
K=n.FLIPPED_ALIAS_KEYS.EnumBody;t.ENUMBODY_TYPES=K;const
q=n.FLIPPED_ALIAS_KEYS.EnumMember;t.ENUMMEMBER_TYPES=q;const
Y=n.FLIPPED_ALIAS_KEYS.JSX;t.JSX_TYPES=Y;const
W=n.FLIPPED_ALIAS_KEYS.Private;t.PRIVATE_TYPES=W;const
X=n.FLIPPED_ALIAS_KEYS.TSTypeElement;t.TSTYPEELEMENT_TYPES=X;const
J=n.FLIPPED_ALIAS_KEYS.TSType;t.TSTYPE_TYPES=J;const
H=n.FLIPPED_ALIAS_KEYS.TSBaseType;t.TSBASETYPE_TYPES=H},function(e,t,r){use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){return
e[t]=(0,n.default)(e[t],e);var n=r(113)},function(e,t,r){use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){eval"!="(e=(0,n.default)(
e))&&"arguments"!="e||(e=" "+e);return e};var n=r(114)},function(e,t,r){use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t=e.key|e.property){!e.compute
d&&(0,n.isIdentifier)(t)&&(t=(0,i.stringLiteral)(t.name));return t};var n=r(1),i=r(3)},function(e,t,r){use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;var
n=r(1),i=function(e){(0,n.isExpressionStatement)(e)&&(e=e.expression);if((0,n.isExpression)(e))return
e;(0,n.isClass)(e)?e.type="ClassExpression":(0,n.isFunction)(e)&&(e.type="FunctionExpression");if(!(0,n.i
sExpression)(e))throw new Error(`cannot turn ${e.type} to an expression`);return
e};t.default=i},function(e,t,r){use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=a;var
n=r(1),i=r(16),s=r(115);function a(e,t=e.key){let
r;return"method"===e.kind?a.increment()+"":(r=(0,n.isIdentifier)(t)?t.name:(0,n.isStringLiteral)(t)?JSON.st
ringify(t.value):JSON.stringify((0,s.default)((0,i.default)(t))),e.computed&&(r=`[${r}]`),e.static&&(r="static:"+
r),r)}a.uid=0,a.increment=function(){return
a.uid>=Number.MAX_SAFE_INTEGER?a.uid=0:a.uid++},function(e,t,r){use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){if(null===e||!e.length)return;c
onst r=[],i=(0,n.default)(e,t,r);if(!i)return;for(const e of r)t.push(e);return i};var n=r(294)},function(e,t,r){use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function e(t,r,o){const l=[];let
c=!0;for(const p of t)if((0,i.isEmptyStatement)(p)||c=!1,(0,i.isExpression)(p))l.push(p);else
if((0,i.isExpressionStatement)(p))l.push(p.expression);else
if((0,i.isVariableDeclaration)(p)){if("var"!==p.kind)return;for(const e of p.declarations){const
t=(0,n.default)(e);for(const e of
Object.keys(t))o.push({kind:p.kind,id:(0,a.default)(t[e])});e.init&&l.push((0,s.assignmentExpression)(""=)",e.id,e
init))c=!0}else if((0,i.isIfStatement)(p)){const

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t=p.consequent?e([p.consequent],r,o):r.buildUndefinedNode(),n=p.alternate?e([p.alternate],r,o):r.buildUndefinedNo
de();if(!t||n)return;l.push((0,s.conditionalExpression)(p.test,t,n))}else if((0,i.isBlockStatement)(p)){const
t=e(p.body,r,o);if(!t)return;l.push(t)}else {if(!(0,i.isEmptyStatement)(p))return;0===t.indexOf(p)&&(c=!0)}c&&l.pu
sh(r.buildUndefinedNode());return 1===l.length?![0]:(0,s.sequenceExpression)(l)};var
n=r(37),i=r(1),s=r(3),a=r(16)},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=void 0;var
n=r(1),i=r(3),s=function(e,t){if((0,n.isStatement)(e))return e;let
r,s=!1;if((0,n.isClass)(e))s=!0,r=\\"ClassDeclaration\\";else
if((0,n.isFunction)(e))s=!0,r=\\"FunctionDeclaration\\";else
if((0,n.isAssignmentExpression)(e))return(0,i.expressionStatement)(e);s&&!e.id&&(r=!1);if(!r){if(t)return!1;throw
new Error(`cannot turn ${e.type} to a statement`)}return e.type=r,e;t.default=s},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=void 0;var n=r(24),i=r(3),s=function
e(t){if(void
0===t)return(0,i.identifier)(\\"undefined\\");if(!0===t||!1===t)return(0,i.booleanLiteral)(t);if(null===t)return(0,i.nu
llLiteral());if(\\"string\\"===typeof t)return(0,i.stringLiteral)(t);if(\\"number\\"===typeof t){let
e;if(Number.isFinite(t))e=(0,i.numericLiteral)(Math.abs(t));else {let
r;r=Number.isNaN(t)?(0,i.numericLiteral)(0):(0,i.numericLiteral)(1),e=(0,i.binaryExpression)(\\"^\\",r,(0,i.numeric
Literal)(0))}return(t<0||Object.is(t,-0))&&(e=(0,i.unaryExpression)(\\"-\\",e)),e}if(function(e){return\\"[object
RegExp]\\"===a(e)}(t)){const e=t.source,r=t.toString().match(/\\\\\\\\/([a-
z+])$/)[1];return(0,i.regExpLiteral)(e,r)}if(Array.isArray(t))return(0,i.arrayExpression)(t.map(e));if(function(e){if(\\"
object\\"!=typeof e||null===e||\\"[object Object]\\"!==Object.prototype.toString.call(e))return!1;const
t=Object.getPrototypeOf(e);return null===t||null===Object.getPrototypeOf(t)}(t)){const r=[];for(const s of
Object.keys(t)){let
a;a=(0,n.default)(s)?(0,i.identifier)(s):(0,i.stringLiteral)(s),r.push((0,i.objectProperty)(a,e(t[s])))}return(0,i.objectExp
ression)(r)}throw new Error(\\"don't know how to turn this value into a node\\");t.default=s;const
a=Function.call.bind(Object.prototype.toString),function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=function(e,t,r=!1){return
e.object=(0,n.memberExpression)(e.object,e.property,e.computed),e.property=t,e.computed=!r,e};var
n=r(3)},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=function(e,t){if(!e||t)return e;for(const r of
n.INHERIT_KEYS.optional)null===e[r]&&(e[r]=t[r]);for(const r of
Object.keys(t))\\"__\\"===r[0]&&\\"__clone\\"!=r&&(e[r]=t[r]);for(const r of
n.INHERIT_KEYS.force)e[r]=t[r];return(0,i.default)(e,t,e);var n=r(15),i=r(111)},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=function(e,t){return
e.object=(0,n.memberExpression)(t,e.object),e};var n=r(3)},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=void 0;var
n=r(37),i=function(e,t){return(0,n.default)(e,t,!0)};t.default=i},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=function(e,t,r){\\"function\\"===typeof
t&&(t={enter:t});const{enter:i,exit:s}=t;!function e(t,r,i,s,a){const
o=n.VISITOR_KEYS[t.type];if(!o)return;r&&r(t,a,s);for(const n of o){const o=t[n];if(Array.isArray(o))for(let
l=0;l<o.length;l++){const c=o[l];c&&(a.push({node:t,key:n,index:l}),e(c,r,i,s,a),a.pop())}else
o&&(a.push({node:t,key:n}),e(o,r,i,s,a),a.pop())}i&&i(t,a,s)}(e,i,s,r,[])};var n=r(6)},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=function(e,t,r){if(r&&\\"Identifier\\"===
e.type&&\\"ObjectProperty\\"===t.type&&\\"ObjectExpression\\"===r.type)return!1;const
i=n.default.keys[t.type];if(i)for(let r=0;r<i.length;r++){const
n=i[r],s=t[n];if(Array.isArray(s)){if(s.indexOf(e)>=0)return!0}else if(s===e)return!0}return!1};var
n=r(37)},function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=function(e){return(0,n.isFunctionDeclarati

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on)(e)|(0,n.isClassDeclaration)(e)|(0,i.default)(e));var n=r(1),i=r(118)},function(e,t,r){use
strict};Object.defineProperty(t, "__esModule", { value: !0}),t.default=function(e){if((0,n.default)(e.type, "Imm
utable"))return 0;if((0,i.isIdentifier)(e))return "undefined"===e.name;return !1};var
n=r(56),i=r(1)},function(e,t,r){use
strict};Object.defineProperty(t, "__esModule", { value: !0}),t.default=function e(t,r){if("object"!==typeof
t||"object"!==typeof r||null===t||null===r)return t===r;if(t.type!==r.type)return !1;const
i=Object.keys(n.NODE_FIELDS[t.type]),s=n.VISITOR_KEYS[t.type];for(const n of i){if(typeof
t[n]!==typeof
r[n])return !1;if(null!==t[n]||null!==r[n]){if(null===t[n]||null===r[n])return !1;if(Array.isArray(t[n])){if(!Array.isArray(r[n
]))return !1;if(t[n].length!==r[n].length)return !1;for(let i=0;i<t[n].length;i++){if(!e(t[n][i],r[n][i]))return !1}
else if("object"!==typeof t[n]||null!==s&&s.includes(n)){if(!e(t[n],r[n]))return !1}
else for(const e of Object.keys(t[n]))if(t[n][e]!==r[n][e])return !1}}return 0};var n=r(6)},function(e,t,r){use
strict};Object.defineProperty(t, "__esModule", { value: !0}),t.default=function(e,t,r){switch(t.type){case "Mem
berExpression":case "JSXMemberExpression":case "OptionalMemberExpression":return
t.property===e?!t.computed:t.object===e;case "VariableDeclarator":return
t.init===e;case "ArrowFunctionExpression":return
t.body===e;case "PrivateName":return !1;case "ClassMethod":case "ClassPrivateMethod":case "Object
Method":if(t.params.includes(e))return !1;case "ObjectProperty":case "ClassProperty":case "ClassPrivatePr
operty":return
t.key===e?!t.computed:t.value!==e!(/r/===t.type);case "ClassDeclaration":case "ClassExp
ression":return t.superClass===e;case "AssignmentExpression":case "AssignmentPattern":return
t.right===e;case "LabeledStatement":case "CatchClause":case "RestElement":return !1;case "BreakState
ment":case "ContinueStatement":return !1;case "FunctionDeclaration":case "FunctionExpression":return
!1;case "ExportNamespaceSpecifier":case "ExportDefaultSpecifier":return !1;case "ExportSpecifier":retur
n(null===r||r.source)&&t.local===e;case "ImportDefaultSpecifier":case "ImportNamespaceSpecifier":case "
ImportSpecifier":case "JSXAttribute":return !1;case "ObjectPattern":case "ArrayPattern":case "MetaPr
operty":return !1;case "ObjectTypeProperty":return t.key!==e;case "TSEnumMember":return
t.id===e;case "TSPropertySignature":return t.key!==e?!t.computed}return 0}},function(e,t,r){use
strict};Object.defineProperty(t, "__esModule", { value: !0}),t.default=function(e,t){if((0,n.isBlockStatement)(e)
&&(0,n.isFunction)(t)|(0,n.isCatchClause)(t))return !1;if((0,n.isPattern)(e)&&(0,n.isFunction)(t)|(0,n.isCatchClau
se)(t))return 0;return(0,n.isScopable)(e)};var n=r(1)},function(e,t,r){use
strict};Object.defineProperty(t, "__esModule", { value: !0}),t.default=function(e){return(0,n.isImportDefaultSpe
cifier)(e)|(0,n.isIdentifier)(e.imported|e.exported,{name:"default"})};var n=r(1)},function(e,t,r){use
strict};Object.defineProperty(t, "__esModule", { value: !0}),t.default=function(e){return(0,n.default)(e)&&!i.has
(e)};var n=r(24);const i=new
Set(["abstract","boolean","byte","char","double","enum","final","float","goto",
"implements","int","interface","long","native","package","private","protected","
public","short","static","synchronized","throws","transient","volatile"]);function(e,t,r){use
strict};Object.defineProperty(t, "__esModule", { value: !0}),t.default=function(e){return(0,n.isVariableDeclarati
on)(e,{kind:"var"})&&!e[i.BLOCK_SCOPED_SYMBOL]};var
n=r(1),i=r(15)},function(e,t){function(e,t,r){use
strict};e.exports=r(313)},function(e){e.exports=JSON.parse('{"builtin":{"Array":false,"ArrayBuffer":
false,"Atomics":false,"BigInt":false,"BigInt64Array":false,"BigUint64Array":false,"Boolean":f
alse,"constructor":false,"DataView":false,"Date":false,"decodeURI":false,"decodeURIComponent":
false,"encodeURIComponent":false,"encodeURIComponent":false,"Error":false,"escape":false,"eval":
false,"EvalError":false,"Float32Array":false,"Float64Array":false,"Function":false,"globalThis":
false,"hasOwnProperty":false,"Infinity":false,"Int16Array":false,"Int32Array":false,"Int8Array"}

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":false,|||"isFinite||":false,|||"isNaN||":false,|||"isPrototypeOf||":false,|||"JSON||":false,|||"Map||":false,|||"Math||"
|":false,|||"NaN||":false,|||"Number||":false,|||"Object||":false,|||"parseFloat||":false,|||"parseInt||":false,|||"Promi
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|||"Reflect||":false,|||"RegExp||":false,|||"Set||":false,|||"SharedArrayBuffer||":false,|||"String||":false,|||"Symbol||"
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"unescape||":false,|||"URIError||":false,|||"valueOf||":false,|||"WeakMap||":false,|||"WeakSet||":false,|||"es5||":
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RiComponent||":false,|||"encodeURI||":false,|||"encodeURiComponent||":false,|||"Error||":false,|||"escape||":fals
e,|||"eval||":false,|||"EvalError||":false,|||"Function||":false,|||"hasOwnProperty||":false,|||"Infinity||":false,|||"isF
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angeError||":false,|||"ReferenceError||":false,|||"RegExp||":false,|||"String||":false,|||"SyntaxError||":false,|||"toL
ocaleString||":false,|||"toString||":false,|||"TypeError||":false,|||"undefined||":false,|||"unescape||":false,|||"URIEr
ror||":false,|||"valueOf||":false},|||"es2015||":{|||"Array||":false,|||"ArrayBuffer||":false,|||"Boolean||":false,|||"c
onstructor||":false,|||"Data View||":false,|||"Date||":false,|||"decodeURI||":false,|||"decodeURiComponent||":false
,|||"encodeURI||":false,|||"encodeURiComponent||":false,|||"Error||":false,|||"escape||":false,|||"eval||":false,|||"
EvalError||":false,|||"Float32Array||":false,|||"Float64Array||":false,|||"Function||":false,|||"hasOwnProperty||":f
alse,|||"Infinity||":false,|||"Int16Array||":false,|||"Int32Array||":false,|||"Int8Array||":false,|||"isFinite||":false,|||"i
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mber||":false,|||"Object||":false,|||"parseFloat||":false,|||"parseInt||":false,|||"Promise||":false,|||"propertyIsEnum
erable||":false,|||"Proxy||":false,|||"RangeError||":false,|||"ReferenceError||":false,|||"Reflect||":false,|||"RegExp|
||":false,|||"Set||":false,|||"String||":false,|||"Symbol||":false,|||"SyntaxError||":false,|||"toLocaleString||":false,|||"
toString||":false,|||"TypeError||":false,|||"Uint16Array||":false,|||"Uint32Array||":false,|||"Uint8Array||":false,|||"
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false,|||"Boolean||":false,|||"constructor||":false,|||"Data View||":false,|||"Date||":false,|||"decodeURI||":false,|||"d
ecodeURiComponent||":false,|||"encodeURI||":false,|||"encodeURiComponent||":false,|||"Error||":false,|||"escap
e||":false,|||"eval||":false,|||"EvalError||":false,|||"Float32Array||":false,|||"Float64Array||":false,|||"Function||":f
alse,|||"hasOwnProperty||":false,|||"Infinity||":false,|||"Int16Array||":false,|||"Int32Array||":false,|||"Int8Array||":
false,|||"isFinite||":false,|||"isNaN||":false,|||"isPrototypeOf||":false,|||"JSON||":false,|||"Map||":false,|||"Math||"
:false,|||"NaN||":false,|||"Number||":false,|||"Object||":false,|||"parseFloat||":false,|||"parseInt||":false,|||"Promise
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Reflect||":false,|||"RegExp||":false,|||"Set||":false,|||"SharedArrayBuffer||":false,|||"String||":false,|||"Symbol||":
false,|||"SyntaxError||":false,|||"toLocaleString||":false,|||"toString||":false,|||"TypeError||":false,|||"Uint16Array|
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nescape||":false,|||"URIError||":false,|||"valueOf||":false,|||"WeakMap||":false,|||"WeakSet||":false},|||"browser|
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ode||":false,|||"Animation||":false,|||"AnimationEffectReadOnly||":false,|||"AnimationEffectTiming||":false,|||"A
nimationEffectTimingReadOnly||":false,|||"AnimationEvent||":false,|||"AnimationPlaybackEvent||":false,|||"Ani
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strict||";Object.defineProperty(t,||"__esModule||",{value:!0}),t.default=function(e,t,r){return new a(e,t,r).generate(),t.CodeGenerator=void 0;var n=s(r(315)),i=s(r(323));function s(e){return e&&e.__esModule?{default:e}class a extends i.default{constructor(e,t={ },r){super(function(e,t){const r={ auxiliaryCommentBefore:t.auxiliaryCommentBefore,auxiliaryCommentAfter:t.auxiliaryCommentAfter,shouldPrintComment:t.shouldPrintComment,retainLines:t.retainLines,retainFunctionParens:t.retainFunctionParens,comments:null==t.comments?t.comments,compact:t.compact,minified:t.minified,concise:t.concise,jsonCompatibleStrings:t.jsonCompatibleStrings,indent:{ adjustMultilineComment:!0,style:||"||",base:0},decoratorsBeforeExport:!t.decoratorsBeforeExport,jscOption:Object.assign({ quotes:||"double||",wrap:!0},t.jscOption),recordAndTupleSyntaxType:t.recordAndTupleSyntaxType };r.minified?(r.compact=!0,r.shouldPrintComment=r.shouldPrintComment)||((= > r.comments)):r.shouldPrintComment=r.shouldPrintComment||((e > r.com


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)throw new Error(\\\\"Section offsets must be ordered and non-overlapping.\\");return
a=t,{generatedOffset:{generatedLine:r+1,generatedColumn:i+1},consumer:new
l(n.getArg(e,\\\\"map\\\\"))})).l.fromSourceMap=function(e){return
c.fromSourceMap(e),l.prototype._version=3,l.prototype.__generatedMappings=null,Object.defineProperty(l.protot
ype,\\\\"_generatedMappings\\\\",{get:function(){return
this.__generatedMappings||this._parseMappings(this._mappings,this.sourceRoot),this.__generatedMappings}}),l.pro
totype.__originalMappings=null,Object.defineProperty(l.prototype,\\\\"_originalMappings\\\\",{get:function(){return
this.__originalMappings||this._parseMappings(this._mappings,this.sourceRoot),this.__originalMappings}}),l.prototy
pe._charIsMappingSeparator=function(e,t){var
r=e.charAt(t);return\\\\";\\\\"===r||\\\\"\\\\"===r},l.prototype._parseMappings=function(e,t){throw new
Error(\\\\"Subclasses must implement
_parseMappings\\\\")),l.GENERATED_ORDER=1,l.ORIGINAL_ORDER=2,l.GREATEST_LOWER_BOUND=1,l.
LEAST_UPPER_BOUND=2,l.prototype.eachMapping=function(e,t,r){var
i,s=t||null;switch(r||l.GENERATED_ORDER){case
l.GENERATED_ORDER:i=this._generatedMappings;break;case
l.ORIGINAL_ORDER:i=this._originalMappings;break;default:throw new Error(\\\\"Unknown order of
iteration.\\\\"))var a=this.sourceRoot;i.map((function(e){var t=null===e.source?null:this._sources.at(e.source);return
null!=t&&null!=a&&(t=n.join(a,t)),{source:t,generatedLine:e.generatedLine,generatedColumn:e.generatedColumn,
originalLine:e.originalLine,originalColumn:e.originalColumn,name:null===e.name?null:this._names.at(e.name)}}),
this).forEach(e,s)},l.prototype.allGeneratedPositionsFor=function(e){var
t=n.getArg(e,\\\\"line\\\\"),r={source:n.getArg(e,\\\\"source\\\\"),originalLine:t,originalColumn:n.getArg(e,\\\\"column\\\\"
",0)};if(null!=this.sourceRoot&&(r.source=n.relative(this.sourceRoot,r.source)),!this._sources.has(r.source))return[]
;r.source=this._sources.indexOf(r.source);var
s=[],a=this._findMapping(r,this._originalMappings,\\\\"originalLine\\\\"",\\\\"originalColumn\\\\"",n.compareByOriginalP
ositions,i.LEAST_UPPER_BOUND);if(a>=0){var o=this._originalMappings[a];if(void 0===e.column)for(var
l=o.originalLine;o&&o.originalLine===l;s.push({line:n.getArg(o,\\\\"generatedLine\\\\"",null),column:n.getArg(o,\\\\"
generatedColumn\\\\"",null),lastColumn:n.getArg(o,\\\\"lastGeneratedColumn\\\\"",null)}),o=this._originalMappings[+
a];else for(var
c=o.originalColumn;o&&o.originalLine===t&&o.originalColumn===c;s.push({line:n.getArg(o,\\\\"generatedLine\\\\"
",null),column:n.getArg(o,\\\\"generatedColumn\\\\"",null),lastColumn:n.getArg(o,\\\\"lastGeneratedColumn\\\\"",null)}),
o=this._originalMappings[+a]}return
s},t.SourceMapConsumer=l,c.prototype=Object.create(l.prototype),c.prototype.consumer=l,c.fromSourceMap=funct
ion(e){var
t=Object.create(c.prototype),r=t._names=s.fromArray(e._names.toArray(),!0),i=t._sources=s.fromArray(e._sources.t
oArray(),!0);t.sourceRoot=e._sourceRoot,t.sourcesContent=e._generateSourcesContent(t._sources.toArray(),t.source
Root),t.file=e._file;for(var
a=e._mappings.toArray().slice(),l=t.__generatedMappings=[],u=t.__originalMappings=[],d=0,h=a.length;d<h;d++){
var f=a[d],m=new
p;m.generatedLine=f.generatedLine,m.generatedColumn=f.generatedColumn,f.source&&(m.source=i.indexOf(f.sou
rce),m.originalLine=f.originalLine,m.originalColumn=f.originalColumn,f.name&&(m.name=r.indexOf(f.name)),u.p
ush(m)),l.push(m)}return
o(t.__originalMappings,n.compareByOriginalPositions),t},c.prototype._version=3,Object.defineProperty(c.prototype
e,\\\\"sources\\\\"",{get:function(){return this._sources.toArray().map((function(e){return
null!=this.sourceRoot?n.join(this.sourceRoot,e):e}),this)}}),c.prototype._parseMappings=function(e,t){for(var
r,i,s,l,c,u=1,d=0,h=0,f=0,m=0,y=0,T=e.length,b=0,g={},S={},x=[],E=[];b<T;if(\\\\";\\\\"===e.charAt(b))u++,b++,d=
0;else if(\\\\"\\\\"===e.charAt(b))b++;else{for((r=new
p).generatedLine=u,l=b;l<T&&!this._charIsMappingSeparator(e,l);l++);if(s=g[i=e.slice(b,l)])b+=i.length;else{for(s
=[];b<l;a.decode(e,b,S),c=S.value,b=S.rest,s.push(c);if(2===s.length)throw new Error(\\\\"Found a source, but no

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line and column\\");if(3===s.length)throw new Error(\\\\"Found a source and line, but no
column\\");g[i]=s}r.generatedColumn=d+s[0],d=r.generatedColumn,s.length>1&&(r.source=m+s[1],m+=s[1],r.orig
inalLine=h+s[2],h=r.originalLine,r.originalLine+=1,r.originalColumn=f+s[3],f=r.originalColumn,s.length>4&&(r.n
ame=y+s[4],y+=s[4])),E.push(r),\\\\"number\\\\"==typeof
r.originalLine&&x.push(r)}o(E,n.compareByGeneratedPositionsDeflated),this.__generatedMappings=E,o(x,n.comp
areByOriginalPositions),this.__originalMappings=x},c.prototype._findMapping=function(e,t,r,n,s,a){if(e[r]<=0)thro
w new TypeError(\\\\"Line must be greater than or equal to 1, got \\\\"+e[r]);if(e[n]<0)throw new
TypeError(\\\\"Column must be greater than or equal to 0, got \\\\"+e[n]);return
i.search(e,t,s,a)},c.prototype.computeColumnSpans=function(){for(var
e=0;e<this._generatedMappings.length;++e){var
t=this._generatedMappings[e];if(e+1<this._generatedMappings.length){var
r=this._generatedMappings[e+1];if(t.generatedLine===r.generatedLine){t.lastGeneratedColumn=r.generatedColum
n-1;continue}}t.lastGeneratedColumn=1/0}},c.prototype.originalPositionFor=function(e){var
t={generatedLine:n.getArg(e,\\\\"line\\\\"),generatedColumn:n.getArg(e,\\\\"column\\\\"),r=this._findMapping(t,this._g
eneratedMappings,\\\\"generatedLine\\\\",\\\\"generatedColumn\\\\" ,n.compareByGeneratedPositionsDeflated,n.getArg(
e,\\\\"bias\\\\" ,1.GREATEST_LOWER_BOUND));if(r>=0){var
i=this._generatedMappings[r];if(i.generatedLine===t.generatedLine){var
s=n.getArg(i,\\\\"source\\\\" ,null);null!==s&&(s=this._sources.at(s),null!==this.sourceRoot&&(s=n.join(this.sourceRoo
t,s)));var a=n.getArg(i,\\\\"name\\\\" ,null);return
null!==a&&(a=this._names.at(a)),{source:s,line:n.getArg(i,\\\\"originalLine\\\\" ,null),column:n.getArg(i,\\\\"originalC
olumn\\\\" ,null),name:a}}return{source:null,line:null,column:null,name:null}},c.prototype.hasContentsOfAllSource
s=function(){return!!this.sourcesContent&&(this.sourcesContent.length>=this._sources.size())&&!this.sourcesConte
nt.some((function(e){return null===e})))},c.prototype.sourceContentFor=function(e,t){if(!this.sourcesContent)return
null;if(null!==this.sourceRoot&&(e=n.relative(this.sourceRoot,e)),this._sources.has(e))return
this.sourcesContent[this._sources.indexOf(e)];var r;if(null!==this.sourceRoot&&(r=n.urlParse(this.sourceRoot)){var
i=e.replace(/^file:\/\\\/\\\/,\\\\"\\\\" );if(\\\\"file\\\\" ===r.scheme&&this._sources.has(i))return
this.sourcesContent[this._sources.indexOf(i)];if(!r.path||\\\\"^\\\\" ===r.path)&&this._sources.has(\\\\"^\\\\" +e))return
this.sourcesContent[this._sources.indexOf(\\\\"^\\\\" +e)]}if(t)return null;throw new Error(\\\\""+e+\\\\" is not in the
SourceMap.'),c.prototype.generatedPositionFor=function(e){var
t=n.getArg(e,\\\\"source\\\\" );if(null!==this.sourceRoot&&(t=n.relative(this.sourceRoot,t)),!this._sources.has(t))return{li
ne:null,column:null,lastColumn:null};var
r={source:t=this._sources.indexOf(t),originalLine:n.getArg(e,\\\\"line\\\\" ),originalColumn:n.getArg(e,\\\\"column\\\\" )
},i=this._findMapping(r,this._originalMappings,\\\\"originalLine\\\\" ,\\\\"originalColumn\\\\" ,n.compareByOriginalPosi
tions,n.getArg(e,\\\\"bias\\\\" ,1.GREATEST_LOWER_BOUND));if(i>=0){var
s=this._originalMappings[i];if(s.source===r.source)return{line:n.getArg(s,\\\\"generatedLine\\\\" ,null),column:n.getA
rg(s,\\\\"generatedColumn\\\\" ,null),lastColumn:n.getArg(s,\\\\"lastGeneratedColumn\\\\" ,null)}return{line:null,colum
n:null,lastColumn:null}},t.BasicSourceMapConsumer=c,u.prototype=Object.create(l.prototype),u.prototype.constructor=l,u.prototype._version=3,Object.defineProperty(u.prototype,\\\\"sources\\\\" ,{get:function(){for(var
e=[],t=0;t<this._sections.length;t++)for(var
r=0;r<this._sections[t].consumer.sources.length;r++)e.push(this._sections[t].consumer.sources[r]);return
e}},u.prototype.originalPositionFor=function(e){var
t={generatedLine:n.getArg(e,\\\\"line\\\\" ),generatedColumn:n.getArg(e,\\\\"column\\\\" )},r=i.search(t,this._sections,(fu
nction(e,t){var r=e.generatedLine-t.generatedOffset.generatedLine;return r||e.generatedColumn-
t.generatedOffset.generatedColumn})),s=this._sections[r];return
s?s.consumer.originalPositionFor({line:t.generatedLine-(s.generatedOffset.generatedLine-
1),column:t.generatedColumn-
(s.generatedOffset.generatedLine===t.generatedLine?s.generatedOffset.generatedColumn-
1:0),bias:e.bias}):{source:null,line:null,column:null,name:null}},u.prototype.hasContentsOfAllSources=function(){r

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return this._sections.every((function(e){return
e.consumer.hasContentsOfAllSources()})),u.prototype.sourceContentFor=function(e,t){for(var
r=0;r<this._sections.length;r++){var n=this._sections[r].consumer.sourceContentFor(e,!0);if(n)return n}if(t)return
null;throw new Error("\\""+e+"\\" is not in the SourceMap."),u.prototype.generatedPositionFor=function(e){for(var
t=0;t<this._sections.length;t++){var r=this._sections[t];if(-
1!==r.consumer.sources.indexOf(n.getArg(e,\\"source\\"))){var
i=r.consumer.generatedPositionFor(e);if(i)return{line:i.line+(r.generatedOffset.generatedLine-
1),column:i.column+(r.generatedOffset.generatedLine===i.line?r.generatedOffset.generatedColumn-
1:0)}}}return{line:null,column:null}},u.prototype._parseMappings=function(e,t){this.__generatedMappings=[],this.
__originalMappings=[];for(var r=0;r<this._sections.length;r++)for(var
i=this._sections[r],s=i.consumer._generatedMappings,a=0;a<s.length;a++){var
l=s[a],c=i.consumer._sources.at(l.source);null!==i.consumer.sourceRoot&&(c=n.join(i.consumer.sourceRoot,c)),thi
s._sources.add(c),c=this._sources.indexOf(c);var
p=i.consumer._names.at(l.name);this._names.add(p),p=this._names.indexOf(p);var
u={source:c,generatedLine:l.generatedLine+(i.generatedOffset.generatedLine-
1),generatedColumn:l.generatedColumn+(i.generatedOffset.generatedLine===l.generatedLine?i.generatedOffset.ge
neratedColumn-
1:0),originalLine:l.originalLine,originalColumn:l.originalColumn,name:p};this.__generatedMappings.push(u),\\"nu
mber\\"==typeof
u.originalLine&&this.__originalMappings.push(u)}o(this.__generatedMappings,n.compareByGeneratedPositionsD
eflated),o(this.__originalMappings,n.compareByOriginalPositions)},t.IndexedSourceMapConsumer=u},function(e,t
){t.GREATEST_LOWER_BOUND=1,t.LEAST_UPPER_BOUND=2,t.search=function(e,r,n,i){if(0===r.length)ret
urn-1;var s=function e(r,n,i,s,a,o){var l=Math.floor((n-r)/2)+r,c=a(i,s[l],!0);return 0===c?!:c>0?n-
l>1?e(l,n,i,s,a,o):o===t.LEAST_UPPER_BOUND?n<s.length?n-1:l:l-
r>1?e(r,l,i,s,a,o):o===t.LEAST_UPPER_BOUND?!:r<0?-1:r}(-
1,r.length,e,r,n,i|t.GREATEST_LOWER_BOUND);if(s<0)return-1;for(;s-1>=0&&0===n(r[s],r[s-1],!0);)--s;return
s}},function(e,t){function r(e,t,r){var n=e[t];e[t]=e[r],e[r]=n}function n(e,t,i,s){if(i<s){var a=i-
1;r(e,(p=i,u=s,Math.round(p+Math.random()* (u-p))),s);for(var
o=e[s],l=i;l<s;l++)t(e[l],o)<=0&&r(e,a+=1,l);r(e,a+1,l);var c=a+1;n(e,t,i,c-1),n(e,t,c+1,s)}var
p,u}t.quickSort=function(e,t){n(e,t,0,e.length-1)},function(e,t,r){var
n=r(119).SourceMapGenerator,i=r(25),s=/(\\"r?\\n)/,a=\\"$$$isSourceNode$$$\\";function
o(e,t,r,n,i){this.children=[],this.sourceContents={},this.line=null===e?null:e,this.column=null===t?null:t,this.source=
null===r?null:r,this.name=null===i?null:i,this[a]=!0,null!==n&&this.add(n)}o.fromStringWithSourceMap=function(e,t,
r){var n=new o,a=e.split(s),l=0,c=function(){return e()+e()\\\\"\\\\"});function e(){return l<a.length?a[l++]:void
0}},p=1,u=0,d=null;return t.eachMapping((function(e){if(null!==d){if(!(p<e.generatedLine)){var
t=(r=a[l]).substr(0,e.generatedColumn-u);return a[l]=r.substr(e.generatedColumn-
u),u=e.generatedColumn,h(d,t),void(d=e)}h(d,c()),p++,u=0}for(;p<e.generatedLine;)n.add(c()),p++;if(u<e.generat
edColumn){var
r=a[l];n.add(r.substr(0,e.generatedColumn)),a[l]=r.substr(e.generatedColumn),u=e.generatedColumn}d=e}),this),l<a
.length&&(d&&h(d,c)),n.add(a.splice(l).join(\\"\\\\")),t.sources.forEach((function(e){var
s=t.sourceContentFor(e);null!=s&&(null!=r&&(e=i.join(r,e)),n.setSourceContent(e,s))),n;function
h(e,t){if(null===e||void 0===e.source)n.add(t);else{var s=r?i.join(r,e.source):e.source;n.add(new
o(e.originalLine,e.originalColumn,s,t,e.name))}},o.prototype.add=function(e){if(Array.isArray(e))e.forEach((funct
ion(e){this.add(e)}),this);else{if(!e[a]&&\\"string\\"!=typeof e)throw new TypeError(\\"Expected a SourceNode,
string, or an array of SourceNodes and strings. Got \\""+e);e&&this.children.push(e)}return
this},o.prototype.prepend=function(e){if(Array.isArray(e))for(var t=e.length-1;t>=0;t--
)this.prepend(e[t]);else{if(!e[a]&&\\"string\\"!=typeof e)throw new TypeError(\\"Expected a SourceNode, string,
or an array of SourceNodes and strings. Got \\""+e);this.children.unshift(e)}return

```

```

this},o.prototype.walk=function(e){for(var
t,r=0,n=this.children.length;r<n;r++)(t=this.children[r])[a]?t.walk(e):""!=="t"&&e(t,{source:this.source,line:this.li
ne,column:this.column,name:this.name}),o.prototype.join=function(e){var
t,r,n=this.children.length;if(n>0){for(t=[],r=0;r<n-
1;r++)t.push(this.children[r]),t.push(e);push(this.children[r]),this.children=t}return
this},o.prototype.replaceRight=function(e,t){var r=this.children[this.children.length-1];return
r[a]?r.replaceRight(e,t):""string""==typeof r?this.children[this.children.length-
1]=r.replace(e,t):this.children.push(("\n").replace(e,t)),this},o.prototype.setSourceContent=function(e,t){this.source
Contents[i.toString(e)]=t},o.prototype.walkSourceContents=function(e){for(var
t=0,r=this.children.length;t<r;t++)this.children[t][a]&&this.children[t].walkSourceContents(e);var
n=Object.keys(this.sourceContents);for(t=0,r=n.length;t<r;t++)e(i.fromSetString(n[t]),this.sourceContents[n[t]]),o.
prototype.toString=function(){var e=""return
this.walk((function(t){e+=t})),e},o.prototype.toStringWithSourceMap=function(e){var
t={code:"",line:1,column:0},r=new n(e),i=!1,s=null,a=null,o=null,l=null;return
this.walk((function(e,n){t.code+=e,null!=="n.source"&&null!=="n.line"&&null!=="n.column"?s===n.source&&a===n.l
ine&&o===n.column&&l===n.name||r.addMapping({source:n.source,original:{line:n.line,column:n.column},gener
ated:{line:t.line,column:t.column},name:n.name}),s=n.source,a=n.line,o=n.column,l=n.name,i=!0):i&&(r.addMappi
ng({generated:{line:t.line,column:t.column})),s=null,i=!1);for(var
c=0,p=e.length;c<p;c++)10===e.charCodeAt(c)?(t.line++,t.column=0,c+1===p?(s=null,i=!1):i&&r.addMapping({s
ource:n.source,original:{line:n.line,column:n.column},generated:{line:t.line,column:t.column},name:n.name)):t.col
umn++)),this.walkSourceContents((function(e,t){r.setSourceContent(e,t)})),{code:t.code,map:r}},t.SourceNode=o
},function(e,t,r){""use strict"";Object.defineProperty(t,("__esModule"),{value:!0}),t.default=void 0;var
n,i=(n=r(324))&&n.__esModule?n:{default:n},s=c(r(122)),a=c(r(0)),o=c(r(327));function
l(){if(("\nfunction""!=typeof WeakMap)return null;var e=new WeakMap;return l=function(){return e},e}function
c(e){if(e&&e.__esModule)return e;if(null===e||""object""!=typeof e&&("\nfunction""!=typeof
e)return {default:e};var t=l();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get|s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}return
r.default=e,t&&t.set(e,r),r}const p=/e/i,u=/\.\.0+$/,d=/^\/[box]/,h=/^\/\s*[@#]__PURE__\s*$/;class
f{constructor(e,t){this.inForStatementInitCounter=0,this._printStack=[],this._indent=0,this._insideAux=!1,this._prin
tedCommentStarts={},this._parenPushNewlineState=null,this._noLineTerminator=!1,this._printAuxAfterOnNextUs
erNode=!1,this._printedComments=new
WeakSet,this._endsWithInteger=!1,this._endsWithWord=!1,this.format=e||{}},this._buf=new
i.default(t)}generate(e){return
this.print(e),this._maybeAddAuxComment(),this._buf.get()}indent(){this.format.compact||this.format.concise||this._i
ndent++}dedent(){this.format.compact||this.format.concise||this._indent--
}semicolon(e=!1){this._maybeAddAuxComment(),this._append(("\n";""!),e)}rightBrace(){this.format.minified&&thi
s._buf.removeLastSemicolon(),this.token(("\n"}))}space(e=!1){this.format.compact||(this._buf.hasContent()&&!thi
s.endsWith(("\n"
))&&!this.endsWith(("\n\n"))||e)&&this._space()}word(e){(this._endsWithWord||this.endsWith(("\n^"))&&0=
===e.indexOf(("\n^"))&&this._space(),this._maybeAddAuxComment(),this._append(e),this._endsWithWord=!0)nu
mber(e){this.word(e),this._endsWithInteger=Number.isInteger(+e)&&!d.test(e)&&!p.test(e)&&!u.test(e)&&"".""
!=="e[e.length-1]}token(e){(("\n"--""===e&&this.endsWith(("\n!")||""+""===e[0]&&this.endsWith(("\n"+""))||""-
""===e[0]&&this.endsWith(("\n"-
""))||"".""===e[0]&&this._endsWithInteger)&&this._space(),this._maybeAddAuxComment(),this._append(e)}ne
wline(e){if(!this.format.retainLines&&!this.format.compact)if(this.format.concise)this.space();else
if(!this.endsWith(("\n\n\n\n"))||("\nnumber""!=typeof

```

```
e&&(e=1),e=Math.min(2,e),(this.endsWith("\\\\n")||this.endsWith("\\\\n"))&&e--&&e<=0))for(let
t=0;t<e;t++)this._newline()endsWith(e){return
this._buf.endsWith(e)}removeTrailingNewline(){this._buf.removeTrailingNewline()}exactSource(e,t){this._catchUp
p("\\start\\",e),this._buf.exactSource(e,t)}source(e,t){this._catchUp(e,t),this._buf.source(e,t)}withSource(e,t,r){this.
_catchUp(e,t),this._buf.withSource(e,t,r)}_space(){this._append("\\
",!0)}_newline(){this._append("\\\\n",!0)}_append(e,t=!1){this._maybeAddParen(e),this._maybeIndent(e),t?th
is._buf.queue(e):this._buf.append(e),this._endsWithWord=!1,this._endsWithInteger=!1}_maybeIndent(e){this._inde
nt&&this.endsWith("\\\\n")&&this.endsWith("\\\\n")!=="e[0]&&this._buf.queue(this._getIndent())_maybeAddParen(e){co
nst t=this._parenPushNewlineState;if(!t)return;let r;for(r=0;r<e.length&&this
("\\")==e[r];r++)continue;if(r===e.length)return;const
n=e[r];if("\\\\n"!="")if("\\\\n"=="")if(r+1===e.length)return void(this._parenPushNewlineState=null);const
t=e[r+1];if("\\\\n"=="")if(h.test(e.slice(r+2,e.length-2)))return}else if("\\\\n"=="")return
void(this._parenPushNewlineState=null)}this.token("\\(\\)",this.indent(),t.printed=!0)}_catchUp(e,t){if(!this.format.
retainLines)return;const r=t[e];null;if(null!=(null===r?void 0:r.line))){const e=r.line-
this._buf.getCurrentLine();for(let t=0;t<e;t++)this._newline()}_getIndent(){return
this.format.indent.style.repeat(this._indent)}startTerminatorless(e=!1){return
e?(this._noLineTerminator=!0,null):this._parenPushNewlineState={printed:!1}endTerminatorless(e){this._noLine
Terminator=!1,(null===e?void
0:e.printed)&&(this.dedent(),this.newline(),this.token("\\)\\"))}print(e,t){if(!e)return;const
r=this.format.concise;e._compact&&(this.format.concise=!0);const n=this[e.type];if(!n)throw new
ReferenceError(`unknown node of type ${JSON.stringify(e.type)} with constructor ${JSON.stringify(null===e?void
0:e.constructor.name)}`);this._printStack.push(e);const
i=this._insideAux;this._insideAux=!e.loc,this._maybeAddAuxComment(this._insideAux&&i);let
o=s.needsParens(e,t,this._printStack);this.format.retainFunctionParens&&"FunctionExpression"===e.type&&e.
extra&&e.extra.parenthesized&&(o=!0),o&&this.token("\\(",this._printLeadingComments(e));const
l=a.isProgram(e)||a.isFile(e)?null:e.loc;this.withSource("\\start\\",l,()=>{n.call(this,e,t)}),this._printTrailingComme
nts(e),o&&this.token("\\)\\"),this._printStack.pop(),this.format.concise=r,this._insideAux=i}_maybeAddAuxCom
ment(e){e&&this._printAuxBeforeComment(),this._insideAux||this._printAuxAfterComment()}_printAuxBeforeCom
ment(){if(this._printAuxAfterOnNextUserNode)return;this._printAuxAfterOnNextUserNode=!0;const
e=this.format.auxiliaryCommentBefore;e&&this._printComment({type:"CommentBlock",value:e})_printAux
AfterComment(){if(!this._printAuxAfterOnNextUserNode)return;this._printAuxAfterOnNextUserNode=!1;const
e=this.format.auxiliaryCommentAfter;e&&this._printComment({type:"CommentBlock",value:e})getPossible
Raw(e){const t=e.extra;if(t&&null!=t.raw&&null!=t.rawValue&&e.value===t.rawValue)return
t.raw}printJoin(e,t,r={}){if(!(null===e?void 0:e.length))return;r.indent&&this.indent();const
n={addNewlines:r.addNewlines};for(let i=0;i<e.length;i++){const
s=e[i];s&&(r.statement&&this._printNewline(!0,s,t,n),this.print(s,t),r.iterator&&r.iterator(s,i),r.separator&&i<e.len
gth-
1&&r.separator.call(this),r.statement&&this._printNewline(!1,s,t,n))r.indent&&this.dedent()}printAndIndentOnCo
mments(e,t){const
r=e.leadingComments&&e.leadingComments.length>0;r&&this.indent(),this.print(e,t),r&&this.dedent()}printBlock
(e){const
t=e.body;a.isEmptyStatement(t)||this.space(),this.print(t,e)}_printTrailingComments(e){this._printComments(this._g
etComments(!1,e))}_printLeadingComments(e){this._printComments(this._getComments(!0,e,!0)}printInnerCom
ments(e,t=!0){var r;(null==(r=e.innerComments)?void
0:r.length)&&(t&&this.indent(),this._printComments(e.innerComments),t&&this.dedent())}printSequence(e,t,r={})
{return r.statement=!0,this.printJoin(e,t,r)}printList(e,t,r={}){return
null===r.separator&&(r.separator=m),this.printJoin(e,t,r)}_printNewline(e,t,r,n){if(this.format.retainLines||this.forma
t.compact)return;if(this.format.concise)return void this.space();let
```



```

i=0;if(this._buf.hasContent()){e|i|+,n.addNewlines&&(i+=n.addNewlines(e,t)||0),(e?s.needsWhitespaceBefore:s.needsWhitespaceAfter)(t,r)&&i|+|+this.newline(i)}_getComments(e,t){return
t&&(e?t.leadingComments:t.trailingComments)||[]}_printComment(e,t){if(!this.format.shouldPrintComment(e.value))return;if(e.ignore)return;if(this._printedComments.has(e))return;if(this._printedComments.add(e,null!=e.start){if
(this._printedCommentStarts[e.start])return;this._printedCommentStarts[e.start]=!0}const
r=\\\\"CommentBlock\\\\"===e.type,n=r&&!t&&!this._noLineTerminator;n&&this._buf.hasContent()&&this.newline
(1),this.endsWith(\\\\"[\\\\"")||this.endsWith(\\\\"{\\\\"")||this.space();let
i=r||this._noLineTerminator?/*$ {e.value}*/^:/*$ {e.value}\\\\n`";if(r&&this.format.indent.adjustMultilineComment)
{var s;const t=null==(s=e.loc)?void 0:s.start.column;if(t){const e=new
RegExp(\\\\"\\\\\\\\\\\\\\\\\\\\n\\\\\\\\\\\\\\\\\\\\s{1,}\\\\\\\\+\\\\\\\\+\\\\\\\\"}\\\\\\\\",\\\\"g\\\\\\\\");i=i.replace(e,\\\\"\\\\\\\\\\\\\\\\\\\\n\\\\\\\\")}const
r=Math.max(this._getIndent().length,this.format.retainLines?0:this._buf.getCurrentColumn());i=i.replace(/\\\\\\\\n(?!$)/
g,\\\\"\\\\\\\\\\\\\\\\\\\\n\\\\\\\\"+\\\\\\\\"
\\\\\\\\".repeat(r))this.endsWith(\\\\"/\\\\\\\\")&&this._space(),this.withSource(\\\\"start\\\\\\\\",e.loc,()=>{this._append(i)}),n&&t
his.newline(1)}_printComments(e,t){if(null==e?void
0:e.length)if(t&&1===e.length&&h.test(e[0].value))this._printComment(e[0],this._buf.hasContent()&&this.endsWith
ith(\\\\"\\\\\\\\\\\\\\\\\\\\n\\\\\\\\"));else for(const t of e)this._printComment(t)printAssertions(e){var t;(null==(t=e.assertions)?void
0:t.length)&&(this.space(),this.word(\\\\"assert\\\\\\\\"),this.space(),this.token(\\\\"{\\\\\\\\"),this.space(),this.printList(e.asserti
ons,e),this.space(),this.token(\\\\"}\\\\\\\\"))}function
m(){this.token(\\\\"{\\\\\\\\"),this.space()}t.default=f,Object.assign(f.prototype,o),function(e,t,r){\\\\"use
strict\\\\\\\\";Object.defineProperty(t,\\\\"__esModule\\\\\\\\",{value:!0}),t.default=void 0;const n=/^[
\\\\\\\\t]+$/;t.default=class{constructor(e){this._map=null,this._buf=[],this._last=\\\\"\\\\\\\\",this._queue=[],this._position={l
ine:1,column:0},this._sourcePosition={identifierName:null,line:null,column:null,filename:null},this._disallowedPop
=null,this._map=e}get(){this._flush();const
e=this._map,t={code:this._buf.join(\\\\"\\\\\\\\").trimRight(),map:null,rawMappings:null===e?void
0:e.getRawMappings()};return e&&Object.defineProperty(t,\\\\"map\\\\\\\\",{configurable:!0,enumerable:!0,get(){return
this.map=e.get()},set(e){Object.defineProperty(this,\\\\"map\\\\\\\\",{value:e,writable:!0})}}),t.append(e){this._flush();c
onst{line:t,column:r,filename:n,identifierName:i,force:s}=this._sourcePosition;this._append(e,t,r,i,n,s)}queue(e){if(
\\\\"\\\\\\\\\\\\\\\\\\\\n\\\\\\\\"===e)for(;this._queue.length>0&&n.test(this._queue[0][0]);)this._queue.shift();const{line:t,column:r,filen
ame:i,identifierName:s,force:a}=this._sourcePosition;this._queue.unshift([e,t,r,s,i,a])}_flush(){let
e;for(;e=this._queue.pop());this._append(...e)}_append(e,t,r,n,i,s){this._buf.push(e),this._last=e[e.length-1];let
a=e.indexOf(\\\\"\\\\\\\\\\\\\\\\\\\\n\\\\\\\\"),o=0;for(0!==a&&this._mark(t,r,n,i,s);-
1!==a);this._position.line++,this._position.column=0,o=a+1,o<e.length&&this._mark(++t,0,n,i,s),a=e.indexOf(\\\\"\\
\\\\\\\\n\\\\\\\\",o);this._position.column+=e.length-o}_mark(e,t,r,n,i){var
s;null==(s=this._map)||s.mark(this._position.line,this._position.column,e,t,r,n,i)}removeTrailingNewline(){this._que
ue.length>0&&\\\\"\\\\\\\\\\\\\\\\\\\\n\\\\\\\\"===this._queue[0][0]&&this._queue.shift()}removeLastSemicolon(){this._queue.length>
0&&\\\\";\\\\\\\\"===this._queue[0][0]&&this._queue.shift()}endsWith(e){if(1===e.length){let
t;if(this._queue.length>0){const e=this._queue[0][0];t=e[e.length-1]}else t=this._last;return t===e}const
t=this._last+this._queue.reduce((e,t)=>t[0]+e,\\\\"\\\\\\\\");return e.length<=t.length&&t.slice(-
e.length)===e}hasContent(){return
this._queue.length>0||!this._last}exactSource(e,t){this.source(\\\\"start\\\\\\\\",e,!0),t(),this.source(\\\\"end\\\\\\\\",e),this._disa
llowPop(\\\\"start\\\\\\\\",e)}source(e,t,r){e&&!t||this._normalizePosition(e,t,this._sourcePosition,r)}withSource(e,t,r){if(!
this._map)return r();const
n=this._sourcePosition.line,i=this._sourcePosition.column,s=this._sourcePosition.filename,a=this._sourcePosition.id
entifierName;this.source(e,t),r(),this._sourcePosition.force&&this._sourcePosition.line===n&&this._sourcePosition
.column===i&&this._sourcePosition.filename===s||this._disallowedPop&&this._disallowedPop.line===n&&this._
disallowedPop.column===i&&this._disallowedPop.filename===s||(this._sourcePosition.line=n,this._sourcePosition.
column=i,this._sourcePosition.filename=s,this._sourcePosition.identifierName=a,this._sourcePosition.force=!1,this.
_disallowedPop=null)}_disallowPop(e,t){e&&!t||(this._disallowedPop=this._normalizePosition(e,t))_normalizePos

```

```

ition(e,t,r,n){const i=t?t[e]:null;void
0===r&&(r={identifierName:null,line:null,column:null,filename:null,force:!1});const
s=r.line,a=r.column,o=r.filename;return r.identifierName=\\\"start\\\"===e&&(null===t?void
0:t.identifierName)||null,r.line=null===i?void 0:i.line,r.column=null===i?void 0:i.column,r.filename=null===t?void
0:t.filename,(n||r.line!==s||r.column!==a||r.filename!==o)&&(r.force=n),r)getCurrentColumn(){const
e=this._queue.reduce((e,t)=>t[0]+e,\\\"\\\"),t=e.lastIndexOf(\\\"\\\"n\\\");return-
1===t?this._position.column+e.length:e.length-1-t)getCurrentLine(){const
e=this._queue.reduce((e,t)=>t[0]+e,\\\"\\\");let t=0;for(let r=0;r<e.length;r++){\\\"\\\"n\\\"===e[r]&&t++;return
this._position.line+t}}},function(e,t,r){\\\"use
strict\\\";Object.defineProperty(t,\\\"__esModule\\\",{value:!0}),t.list=t.nodes=void 0;var
n=function(e){if(e&&e.__esModule)return e;if(null===e||\\\"object\\\"!==typeof e&&\\\"function\\\"!==typeof
e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get|a.set)?Object.defineProperty(r,s,a):r[s]=e[s]r.default=e
,&&t.set(e,r);return r}(r(0));function i(){if(\\\"function\\\"!==typeof WeakMap)return null;var e=new
WeakMap;return i=function(){return e},e}function s(e,t={}){return
n.isMemberExpression(e)||n.isOptionalMemberExpression(e)?(s(e.object,t),e.computed&&s(e.property,t)):n.isBinary
y(e)||n.isAssignmentExpression(e)?(s(e.left,t),s(e.right,t)):n.isCallExpression(e)||n.isOptionalCallExpression(e)?(t.ha
sCall=!0,s(e.callee,t)):n.isFunction(e)?t.hasFunction=!0:n.isIdentifier(e)&&(t.hasHelper=t.hasHelper|a(e.callee)),t)}f
unction a(e){return
n.isMemberExpression(e)?a(e.object)|a(e.property):n.isIdentifier(e)?\\\"require\\\"===e.name||\\\"_\\\"===e.name[0]
:n.isCallExpression(e)?a(e.callee):(n.isBinary(e)&&n.isAssignmentExpression(e)&&n.isIdentifier(e.left)&&a(e.
left)|a(e.right))}function o(e){return
n.isLiteral(e)||n.isObjectExpression(e)||n.isArrayExpression(e)||n.isIdentifier(e)||n.isMemberExpression(e)}const
l={AssignmentExpression(e){const
t=s(e.right);if(t.hasCall&&t.hasHelper|t.hasFunction)return{before:t.hasFunction,after:!0}},SwitchCase:(e,t)=>({be
fore:e.consequent.length|t.cases[0]===e,after:!e.consequent.length&&t.cases[t.cases.length-
1]===e}),LogicalExpression(e){if(n.isFunction(e.left)||n.isFunction(e.right))return{after:!0}},Literal(e){if(\\\"use
strict\\\"===e.value)return{after:!0}},CallExpression(e){if(n.isFunction(e.callee)|a(e))return{before:!0,after:!0}},O
ptionalCallExpression(e){if(n.isFunction(e.callee))return{before:!0,after:!0}},VariableDeclaration(e){for(let
t=0;t<e.declarations.length;t++){const r=e.declarations[t];let n=a(r.id)&&!o(r.init);if(!n){const
e=s(r.init);n=a(r.init)&&e.hasCall|e.hasFunction}if(n)return{before:!0,after:!0}},IfStatement(e){if(n.isBlockState
ment(e.consequent))return{before:!0,after:!0}};t.nodes=l,l.ObjectProperty=l.ObjectTypeProperty=l.ObjectMethod
=function(e,t){if(t.properties[0]===e)return{before:!0}},l.ObjectTypeCallProperty=function(e,t){var
r;if(t.callProperties[0]===e&&(null==(r=t.properties)?void
0:r.length))return{before:!0}},l.ObjectTypeIndexer=function(e,t){var
r,n;if(t.indexers[0]===e&&(null==(r=t.properties)?void 0:r.length)&&(null==(n=t.callProperties)?void
0:n.length))return{before:!0}},l.ObjectTypeInternalSlot=function(e,t){var
r,n,i;if(t.internalSlots[0]===e&&(null==(r=t.properties)?void 0:r.length)&&(null==(n=t.callProperties)?void
0:n.length)&&(null==(i=t.indexers)?void 0:i.length))return{before:!0}};const
c={VariableDeclaration:e=>e.declarations.map(e=>e.init),ArrayExpression:e=>e.elements,ObjectExpression:e=>e.p
roperties};t.list=c,[\\\"Function\\\",!0],[\\\"Class\\\",!0],[\\\"Loop\\\",!0],[\\\"LabeledStatement\\\",!0],[\\\"SwitchStat
ement\\\",!0],[\\\"TryStatement\\\",!0]].forEach((function([e,t]){\\\"boolean\\\"===typeof
t&&(t={after:t,before:t}),[e].concat(n.FLIPPED_ALIAS_KEYS[e]||[]).forEach((function(e){l[e]=function(){return
t}}))})),function(e,t,r){\\\"use
strict\\\";Object.defineProperty(t,\\\"__esModule\\\",{value:!0}),t.NullableTypeAnnotation=function(e,t){return
n.isArrayTypeAnnotation(t)},t.FunctionTypeAnnotation=function(e,t,r){return

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n.isUnionTypeAnnotation(t)||n.isIntersectionTypeAnnotation(t)||n.isArrayTypeAnnotation(t)||n.isTypeAnnotation(t)
&& n.isArrowFunctionExpression(r[r.length-3]),t.UpdateExpression=function(e,t){return
o(e,t)||a(e,t)},t.ObjectExpression=function(e,t,r){return
p(r,{considerArrow:!0}),t.DoExpression=function(e,t,r){return
p(r)},t.Binary=function(e,t){if(\\\\"**\\"===e.operator&&n.isBinaryExpression(t,{operator:\\\\"**\\"}))return
t.left===e;if(a(e,t))return!0;if(o(e,t)||n.isUnaryLike(t)||n.isAwaitExpression(t))return!0;if(n.isBinary(t)){const
r=t.operator,i=s[r],a=e.operator,o=s[a];if(i===o&&t.right===e&&!n.isLogicalExpression(t)||i>o)return!0}},t.Interse
ctionTypeAnnotation=t.UnionTypeAnnotation=function(e,t){return
n.isArrayTypeAnnotation(t)||n.NullableTypeAnnotation(t)||n.isIntersectionTypeAnnotation(t)||n.isUnionTypeAnno
tation(t)},t.TSAsExpression=function(){return!0},t.TSTypeAssertion=function(){return!0},t.TSIntersectionType=t.
TSUnionType=function(e,t){return
n.isTSArrayType(t)||n.isTSOptionalType(t)||n.isTSIntersectionType(t)||n.isTSUnionType(t)||n.isTSRestType(t)},t.TS
InferType=function(e,t){return
n.isTSArrayType(t)||n.isTSOptionalType(t)},t.BinaryExpression=function(e,t){return\\\\"in\\"===e.operator&&(n.is
VariableDeclarator(t)||n.isFor(t)),t.SequenceExpression=function(e,t){if(n.isForStatement(t)||n.isThrowStatement(t)
||n.isReturnStatement(t)||n.isIfStatement(t)&&t.test===e||n.isWhileStatement(t)&&t.test===e||n.isForInStatement(t)
&&t.right===e||n.isSwitchStatement(t)&&t.discriminant===e||n.isExpressionStatement(t)&&t.expression===e)retur
n!1;return!0},t.AwaitExpression=t.YieldExpression=function(e,t){return
n.isBinary(t)||n.isUnaryLike(t)||o(e,t)||n.isAwaitExpression(t)&&n.isYieldExpression(e)||n.isConditionalExpression(t)
)&&e===t.test||a(e,t)},t.ClassExpression=function(e,t,r){return
p(r,{considerDefaultExports:!0}),t.UnaryLike=l,t.FunctionExpression=function(e,t,r){return
p(r,{considerDefaultExports:!0}),t.ArrowFunctionExpression=function(e,t){return
n.isExportDeclaration(t)||c(e,t)},t.ConditionalExpression=c,t.OptionalCallExpression=t.OptionalMemberExpression
=function(e,t){return
n.isCallExpression(t,{callee:e})||n.isMemberExpression(t,{object:e}),t.AssignmentExpression=function(e,t,r){retur
n!n.isObjectPattern(e.left)||c(e,t)},t.LogicalExpression=function(e,t){switch(e.operator){case\\\\"||\\"":return!n.isLog
icalExpression(t)&&(\\\\"??\\"===t.operator||\\\\"&&\\"===t.operator);case\\\\"&&\\"":return
n.isLogicalExpression(t,{operator:\\\\"??\\"});case\\\\"??\\"":return
n.isLogicalExpression(t)&&(\\\\"??\\"!==t.operator)};var n=function(e){if(e&&e.__esModule)return
e;if(null===e||\\\\"object\\"!==typeof e&&(\\\\"function\\"!==typeof e))return{default:e};var t=i();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if(\\\\"function\\"!==typeof WeakMap)return null;var e=new
WeakMap;return i=function(){return e},e}const
s={\\\\"||\\"":0,\\\\"??\\"":0,\\\\"&&\\"":1,\\\\"||\\"":2,\\\\"^\\"":3,\\\\"&\\"":4,\\\\"===\\"":5,\\\\"====\\"":5,\\\\"!=\"":5,\\\\"!==\\"":5,\\\\"
|<\"":6,\\\\">\"":6,\\\\"<=\"":6,\\\\">=\"":6,in:6,instanceof:6,\\\\">>\"":7,\\\\"<<\"":7,\\\\">>>\"":7,\\\\"+\"":8,\\\\"-
\\\\"":8,\\\\"*\"":9,\\\\"/\"":9,\\\\"%\"":9,\\\\"**\"":10},a=(e,t)=>(n.isClassDeclaration(t)||n.isClassExpression(t))&&t.sup
erClass===e,o=(e,t)=>(n.isMemberExpression(t)||n.isOptionalMemberExpression(t))&&t.object===e|(n.isCallExpres
sion(t)||n.isOptionalCallExpression(t)||n.isNewExpression(t))&&t.callee===e|n.isTaggedTemplateExpression(t)&
&t.tag===e|n.isTSNonNullExpression(t);function l(e,t){return
o(e,t)||n.isBinaryExpression(t,{operator:\\\\"**\\"},left:e)||a(e,t)}function
c(e,t){return!(n.isUnaryLike(t)||n.isBinary(t)||n.isConditionalExpression(t,{test:e}))|n.isAwaitExpression(t)||n.isTST
ypeAssertion(t)||n.isTSAsExpression(t)||l(e,t)}function
p(e,{considerArrow:t=!1,considerDefaultExports:r=!1}){let i=e.length-1,s=e[i];i--;let
a=e[i];for(i>=0){if(n.isExpressionStatement(a,{expression:s})||r&&n.isExportDefaultDeclaration(a,{declaration:s}
))|t&&n.isArrowFunctionExpression(a,{body:s}))return!0;if(!(o(s,a)&&!n.isNewExpression(a)||n.isSequenceExpres
sion(a)&&a.expressions[0]===s)|n.isConditional(a,{test:s})|n.isBinary(a,{left:s})|n.isAssignmentExpression(a,{left

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:s)))return!1;s=a,i--,a=e[i]}return!1}},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0});var
n=r(328);Object.keys(n).forEach((function(e){\\\\"default\\\\"!=="e&&\\\\"__esModule\\\\"!=="e&&(e in
t&&t[e]===n[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return n[e]}})})));var
i=r(329);Object.keys(i).forEach((function(e){\\\\"default\\\\"!=="e&&\\\\"__esModule\\\\"!=="e&&(e in
t&&t[e]===i[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return i[e]}})})));var
s=r(330);Object.keys(s).forEach((function(e){\\\\"default\\\\"!=="e&&\\\\"__esModule\\\\"!=="e&&(e in
t&&t[e]===s[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return s[e]}})})));var
a=r(331);Object.keys(a).forEach((function(e){\\\\"default\\\\"!=="e&&\\\\"__esModule\\\\"!=="e&&(e in
t&&t[e]===a[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return a[e]}})})));var
o=r(332);Object.keys(o).forEach((function(e){\\\\"default\\\\"!=="e&&\\\\"__esModule\\\\"!=="e&&(e in
t&&t[e]===o[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return o[e]}})})));var
l=r(123);Object.keys(l).forEach((function(e){\\\\"default\\\\"!=="e&&\\\\"__esModule\\\\"!=="e&&(e in
t&&t[e]===l[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return l[e]}})})));var
c=r(124);Object.keys(c).forEach((function(e){\\\\"default\\\\"!=="e&&\\\\"__esModule\\\\"!=="e&&(e in
t&&t[e]===c[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return c[e]}})})));var
p=r(334);Object.keys(p).forEach((function(e){\\\\"default\\\\"!=="e&&\\\\"__esModule\\\\"!=="e&&(e in
t&&t[e]===p[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return p[e]}})})));var
u=r(335);Object.keys(u).forEach((function(e){\\\\"default\\\\"!=="e&&\\\\"__esModule\\\\"!=="e&&(e in
t&&t[e]===u[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return u[e]}})})));var
d=r(336);Object.keys(d).forEach((function(e){\\\\"default\\\\"!=="e&&\\\\"__esModule\\\\"!=="e&&(e in
t&&t[e]===d[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return d[e]}})})));var
h=r(337);Object.keys(h).forEach((function(e){\\\\"default\\\\"!=="e&&\\\\"__esModule\\\\"!=="e&&(e in
t&&t[e]===h[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return h[e]}})}))},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),t.TaggedTemplateExpression=function(e){this.print
(e.tag,e),this.print(e.typeParameters,e),this.print(e.quasi,e)},t.TemplateElement=function(e,t){const
r=t.quasis[0]===e,n=t.quasis[t.quasis.length-
1]===e,i=(r?"\\\\"":\\\\"")+e.value.raw+(n?"\\\\"":\\\\"$\\\\"");this.token(i)},t.TemplateLiteral=function(e){const
t=e.quasis;for(let
r=0;r<t.length;r++)this.print(t[r],e),r+1<t.length&&this.print(e.expressions[r],e)},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),t.UnaryExpression=function(e){\\\\"void\\\\"===e.ope
rator||\\\\"delete\\\\"===e.operator||\\\\"typeof\\\\"===e.operator||\\\\"throw\\\\"===e.operator?(this.word(e.operator),this.s
pace():this.token(e.operator);this.print(e.argument,e)},t.DoExpression=function(e){this.word(\\\\"do\\\\"),this.space()
,this.print(e.body,e)},t.ParenthesizedExpression=function(e){this.token(\\\\"(\\\\"),this.print(e.expression,e),this.token(
\\\\")\\\\"),t.UpdateExpression=function(e){e.prefix?(this.token(e.operator),this.print(e.argument,e)):(this.startTermin
atorless(!0),this.print(e.argument,e),this.endTerminatorless(),this.token(e.operator))},t.ConditionalExpression=functi
on(e){this.print(e.test,e),this.space(),this.token(\\\\"?\\\\"),this.space(),this.print(e.consequent,e),this.space(),this.token(
\\\\":\\\\"),this.space(),this.print(e.alternate,e)},t.NewExpression=function(e,t){if(this.word(\\\\"new\\\\"),this.space(),thi
s.print(e.callee,e),this.format.minified&&0===e.arguments.length&&!e.optional&&!n.isCallExpression(t,{callee:e}
)&&!n.isMemberExpression(t)&&!n.isNewExpression(t))return;this.print(e.typeArguments,e),this.print(e.typePara
meters,e),e.optional&&this.token(\\\\"?.\\\\"");this.token(\\\\"[\\\\"),this.printList(e.arguments,e),this.token(\\\\"]\\\\"),t.Se
quenceExpression=function(e){this.printList(e.expressions,e)},t.ThisExpression=function(){this.word(\\\\"this\\\\")},t.
Super=function(){this.word(\\\\"super\\\\")},t.Decorator=function(e){this.token(\\\\"@\\\\"),this.print(e.expression,e),thi
s.newline(),t.OptionalMemberExpression=function(e){if(this.print(e.object,e),!e.computed&&n.isMemberExpressi
on(e.property))throw new TypeError(\\\\"Got a MemberExpression for MemberExpression property\\\\");let
t=e.computed;n.isLiteral(e.property)&&\\\\"number\\\\"===typeof
e.property.value&&(t=!0);e.optional&&this.token(\\\\"?.\\\\"");t?(this.token(\\\\"[\\\\"),this.print(e.property,e),this.token(\\
\\"]\\\\")):(e.optional||this.token(\\\\".\\\\"),this.print(e.property,e))},t.OptionalCallExpression=function(e){this.print(e.c

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allee,e),this.print(e.typeArguments,e),this.print(e.typeParameters,e),e.optional&&this.token("\\"?\\");this.token("\\(
\\"),this.printList(e.arguments,e),this.token("\\)\\"),t.CallExpression=function(e){this.print(e.callee,e),this.print(e.t
ypeArguments,e),this.print(e.typeParameters,e),this.token("\\(\\"),this.printList(e.arguments,e),this.token("\\)\\"),
t.Import=function(){this.word("\\import\\")},t.EmptyStatement=function(){this.semicolon(!)},t.ExpressionStatem
ent=function(e){this.print(e.expression,e),this.semicolon()},t.AssignmentPattern=function(e){this.print(e.left,e),e.lef
t.optional&&this.token("\\"?\\");this.print(e.left.typeAnnotation,e),this.space(),this.token("\\="\\"),this.space(),this.p
rint(e.right,e)},t.LogicalExpression=t.BinaryExpression=t.AssignmentExpression=function(e,t){const
r=this.inForStatementInitCounter&&\\in\\===e.operator&&!i.needsParens(e,t);r&&this.token("\\(\\");this.print(
e.left,e),this.space(),\\in\\===e.operator\\instanceof\\===e.operator?this.word(e.operator):this.token(e.operat
or);this.space(),this.print(e.right,e),r&&this.token("\\)\\")},t.BindExpression=function(e){this.print(e.object,e),this.t
oken("\\:\\"),this.print(e.callee,e)},t.MemberExpression=function(e){if(this.print(e.object,e),le.computed&&n.isM
emberExpression(e.property))throw new TypeError("\\Got a MemberExpression for MemberExpression
property\\");let t=e.computed;n.isLiteral(e.property)&&\\number\\===typeof
e.property.value&&(t!=0);t?(this.token("\\[\\"),this.print(e.property,e),this.token("\\]\\"):this.token("\\.\\"),this.p
rint(e.property,e)),t.MetaProperty=function(e){this.print(e.meta,e),this.token("\\.\\"),this.print(e.property,e)},t.Priv
ateName=function(e){this.token("\\#\\"),this.print(e.id,e)},t.V8IntrinsicIdentifier=function(e){this.token("\\%\\"),t
his.word(e.name)},t.AwaitExpression=t.YieldExpression=void 0;var n=a(r(0)),i=a(r(122));function
s(){if(\\function\\!==typeof WeakMap)return null;var e=new WeakMap;return s=function(){return e},e}function
a(e){if(e&&e.__esModule)return e;if(null===e\\object\\!==typeof e&&\\function\\!==typeof
e)return{default:e};var t=s();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
a=n?Object.getOwnPropertyDescriptor(e,i):null;a&&(a.get|a.set)?Object.defineProperty(r,i,a):r[i]=e[i]}return
r.default=e,t&&t.set(e,r),r}function o(e){return
function(t){if(this.word(e),t.delegate&&this.token("\\*\\"),t.argument){this.space();const
e=this.startTerminatorless();this.print(t.argument,t),this.endTerminatorless(e)}}}const
l=o(\\yield\\);t.YieldExpression=l;const c=o(\\await\\);t.AwaitExpression=c},function(e,t,r){\\use
strict\\;Object.defineProperty(t,\\__esModule\\",{value:!0}),t.WithStatement=function(e){this.word(\\with\\),
this.space(),this.token("\\(\\"),this.print(e.object,e),this.token("\\)\\"),this.printBlock(e)},t.IfStatement=function(e)
{this.word(\\if\\),this.space(),this.token("\\(\\"),this.print(e.test,e),this.token("\\)\\"),this.space();const
t=e.alternate&&n.isIfStatement(function e(t){return
n.isStatement(t.body)?e(t.body):t}(e.consequent));t&&(this.token("\\{\\"),this.newline(),this.indent());this.printAnd
IndentOnComments(e.consequent,e),t&&(this.dedent(),this.newline(),this.token("\\}\\"));e.alternate&&(this.endsW
ith(\\}\\)&&this.space(),this.word(\\else\\),this.space(),this.printAndIndentOnComments(e.alternate,e)),t.For
Statement=function(e){this.word(\\for\\),this.space(),this.token("\\(\\"),this.inForStatementInitCounter++,this.pr
int(e.init,e),this.inForStatementInitCounter--
,this.token("\\;\\"),e.test&&(this.space(),this.print(e.test,e));this.token("\\;\\"),e.update&&(this.space(),this.print(e
.update,e));this.token("\\)\\"),this.printBlock(e)},t.WhileStatement=function(e){this.word(\\while\\),this.space(),t
his.token("\\(\\"),this.print(e.test,e),this.token("\\)\\"),this.printBlock(e)},t.DoWhileStatement=function(e){this wo
rd(\\do\\),this.space(),this.print(e.body,e),this.space(),this.word(\\while\\),this.space(),this.token("\\(\\"),this
.print(e.test,e),this.token("\\)\\"),this.semicolon(),t.LabeledStatement=function(e){this.print(e.label,e),this.token(\\
:\\"),this.space(),this.print(e.body,e)},t.TryStatement=function(e){this.word(\\try\\),this.space(),this.print(e.bloc
k,e),this.space(),e.handlers?this.print(e.handlers[0],e):this.print(e.handler,e);e.finalizer&&(this.space(),this.word(\\
finally\\),this.space(),this.print(e.finalizer,e)),t.CatchClause=function(e){this.word(\\catch\\),this.space(),e.par
am&&(this.token("\\(\\"),this.print(e.param,e),this.print(e.param.typeAnnotation,e),this.token("\\)\\"),this.space()
);this.print(e.body,e)},t.SwitchStatement=function(e){this.word(\\switch\\),this.space(),this.token("\\(\\"),this.pri
nt(e.discriminant,e),this.token("\\)\\"),this.space(),this.token("\\{\\"),this.printSequence(e.cases,e,{indent:!0,addN
ewlines(t,r){if(!t&&e.cases[e.cases.length-1]===r)return-

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1 })),this.token(("\\\"}\\\""},t.SwitchCase=function(e){e.test?(this.word(("\\\"case\\\""),this.space(),this.print(e.test,e),this.token(("\\\":\\\"")):(this.word(("\\\"default\\\""),this.token(("\\\":\\\""));e.consequent.length&&(this.newline(),this.printSequence(e.consequent,e,{indent:!0})),t.DebuggerStatement=function(){this.word(("\\\"debugger\\\""),this.semicolon(),t.VariableDeclaration=function(e,t){e.declare&&(this.word(("\\\"declare\\\""),this.space());this.word(e.kind),this.space());let r,i=1;if(!n.isFor(t))for(const t of e.declarations)t.init&&(i=!0);i&&(r=("\\\"const\\\"")==e.kind?f:h);if(this.printList(e.declarations,e,{separator:r}),n.isFor(t)&&(t.left===e||t.init===e))return;this.semicolon(),t.VariableDeclarator=function(e){this.print(e.id,e).definite&&this.token(("\\\"!\\\"");this.print(e.id.typeAnnotation,e),e.init&&(this.space(),this.token(("\\\"=\\\""),this.space(),this.print(e.init,e)),t.ThrowStatement=t.BreakStatement=t.ReturnStatement=t.ContinueStatement=t.ForOfStatement=t.ForInStatement=void 0;var n=function(e){if(e&&e.__esModule)return e;if(null===e||\\"object\\"!=typeof e&&\\"function\\"!=typeof e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in e)if(Object.prototype.hasOwnProperty.call(e,s)){var a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e,t&&t.set(e,r);return r}(r(0));function i(){if(("\\\"function\\"!=typeof WeakMap)return null;var e=new WeakMap;return i=function(){return e},e}const s=function(e){return function(t){this.word(("\\\"for\\\""),this.space(),\\"of\\"===e&&t.await&&(this.word(("\\\"await\\\""),this.space()),this.token(("\\\"(\\\""),this.print(t.left,t),this.space(),this.word(e),this.space(),this.print(t.right,t),this.token(("\\\"}\\\""},this.printBlock(t)),a=s(("\\\"in\\\"");t.ForInStatement=a;const o=s(("\\\"of\\\"");function l(e,t=\\"label\\\""){return function(r){this.word(e);const n=r[t];if(n){this.space();const e=\\"label\\"==t,i=this.startTerminatorless(e);this.print(n,r),this.endTerminatorless(i)}this.semicolon()}}t.ForOfStatement=o;const c=l(("\\\"continue\\\"");t.ContinueStatement=c;const p=l(("\\\"return\\\""),\\"argument\\");t.ReturnStatement=p;const u=l(("\\\"break\\\"");t.BreakStatement=u;const d=l(\\"throw\\\",\\"argument\\");function h(){if(this.token(("\\\":\\\""),this.newline(),this.endsWith(("\\\"\\n\\\"")))for(let e=0;e<4;e++)this.space(!0)}function f(){if(this.token(("\\\":\\\""),this.newline(),this.endsWith(("\\\"\\n\\\"")))for(let e=0;e<6;e++)this.space(!0)}t.ThrowStatement=d},function(e,t,r){\\"use strict\\\";Object.defineProperty(t,\\\"__esModule\\\",{value:!0}),t.ClassExpression=t.ClassDeclaration=function(e,t){this.format.decoratorsBeforeExport&&(n.isExportDefaultDeclaration(t)||n.isExportNamedDeclaration(t))||this.printJoin(e.decorators,e);e.declare&&(this.word(("\\\"declare\\\""),this.space());e.abstract&&(this.word(("\\\"abstract\\\""),this.space());this.word(("\\\"class\\\""),e.id&&(this.space(),this.print(e.id,e));this.print(e.typeParameters,e),e.superClass&&(this.space(),this.word(("\\\"extends\\\""),this.space(),this.print(e.superClass,e),this.print(e.superTypeParameters,e));e.implements&&(this.space(),this.word(("\\\"implements\\\""),this.space(),this.printList(e.implements,e));this.space(),this.print(e.body,e),t.ClassBody=function(e){this.token(("\\\"{\\\""},this.printInnerComments(e),0===e.body.length?this.token(("\\\"}\\\"")):(this.newline(),this.indent(),this.printSequence(e.body,e),this.dedent(),this.endsWith(("\\\"\\n\\\""))||this.newline(),this.rightBrace())},t.ClassProperty=function(e){this.printJoin(e.decorators,e),this.tsPrintClassMemberModifiers(e,!0),e.computed?(this.token(("\\\"[\\\""),this.print(e.key,e),this.token(("\\\"]\\\"")):(this._variance(e),this.print(e.key,e));e.optional&&this.token(("\\\"?\\\"");e.definite&&this.token(\\"!\\\"");this.print(e.typeAnnotation,e),e.value&&(this.space(),this.token(("\\\"=\\\""),this.space(),this.print(e.value,e));this.semicolon(),t.ClassPrivateProperty=function(e){this.printJoin(e.decorators,e),e.static&&(this.word(("\\\"static\\\""),this.space());this.print(e.key,e),this.print(e.typeAnnotation,e),e.value&&(this.space(),this.token(("\\\"=\\\""),this.space(),this.print(e.value,e));this.semicolon(),t.ClassMethod=function(e){this._classMethodHead(e),this.space(),this.print(e.body,e)},t.ClassPrivateMethod=function(e){this._classMethodHead(e),this.space(),this.print(e.body,e)},t._classMethodHead=function(e){this.printJoin(e.decorators,e),this.tsPrintClassMemberModifiers(e,!1),this._methodHead(e)},t.StaticBlock=function(e){this.word(("\\\"static\\\""),this.space(),this.token(("\\\"{\\\""},0===e.body.length?this.token(("\\\"}\\\"")):(this.newline(),this.printSequence(e.body,e,{indent:!0}),this.rightBrace())};var n=function(e){if(e&&e.__esModule)return e;if(null===e||\\"object\\"!=typeof e&&\\"function\\"!=typeof e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in e)if(Object.prototype.hasOwnProperty.call(e,s)){var
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a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if(!!"function"!==typeof WeakMap)return null;var e=new
WeakMap;return i=function(){return e},e},function(e,t,r){!!"use
strict";Object.defineProperty(t,!!"__esModule",{value:!0}),t._params=function(e){this.print(e.typeParameters,e
),this.token(!!"(",!!"),this._parameters(e.params,e),this.token(!!")",!!"),this.print(e.returnType,e)},t._parameters=functi
on(e,t){for(let r=0;r<e.length;r++)this._param(e[r],t),r<e.length-
1&&(this.token(!!",",!!"),this.space()),t._param=function(e,t){this.printJoin(e.decorators,e),this.print(e,t),e.optional
&&this.token(!!"?",!!");this.print(e.typeAnnotation,e)},t._methodHead=function(e){const
t=e.kind,r=e.key;!!"get"!==t&&!!"set"!==t||(this.word(t),this.space());e.async&&(this._catchUp(!!"start",r.lo
c),this.word(!!"async",!!"),this.space());!!"method"!==t&&!!"init"!==t||e.generator&&this.token(!!"*",!!");e.com
puted?(this.token(!!"[",!!"),this.print(r,e),this.token(!!"]",!!")):this.print(r,e);e.optional&&this.token(!!"?",!!");this._par
ams(e)},t._predicate=function(e){e.predicate&&(e.returnType||this.token(!!":",!!"),this.space(),this.print(e.predicate,
e)),t._functionHead=function(e){e.async&&(this.word(!!"async",!!"),this.space());this.word(!!"function",!!"),e.gener
ator&&this.token(!!"*",!!");this.space(),e.id&&this.print(e.id,e);this._params(e),this._predicate(e)},t.FunctionDeclar
ation=t.FunctionExpression=function(e){this._functionHead(e),this.space(),this.print(e.body,e)},t.ArrowFunctionEx
pression=function(e){e.async&&(this.word(!!"async",!!"),this.space());const
t=e.params[0];1===e.params.length&&n.isIdentifier(t)&&!function(e,t){return
e.typeParameters||e.returnType||t.typeAnnotation||t.optional||t.trailingComments}(e,t)?(this.format.retainLines||e.asy
nc)&&e.loc&&e.body.loc&&e.loc.start.line<e.body.loc.start.line?(this.token(!!"(",!!"),t.loc&&t.loc.start.line>e.loc.st
art.line?(this.indent(),this.print(t,e),this.dedent(),this._catchUp(!!"start",e.body.loc)):this.print(t,e),this.token(!!")\
"):this.print(t,e):this._params(e);this._predicate(e),this.space(),this.token(!!"=>",!!"),this.space(),this.print(e.body,e
);var n=function(e){if(e&&e.__esModule)return e;if(null===e||!!"object"!==typeof e&&!!"function"!==typeof
e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if(!!"function"!==typeof WeakMap)return null;var e=new
WeakMap;return i=function(){return e},e},function(e,t,r){!!"use strict";const
n={},i=n.hasOwnProperty,s=(e,t)=>{for(const r in
e)i.call(e,r)&&t(r,e[r]),a=n.toString,o=Array.isArray,l=Buffer.isBuffer,c={"\b":"\\b","\f":"\\f","\n":"\\n","\r":"\\r",
"\"":"\\\"","\\":"\\\\","\/":"\\/"},p=/[\\b\\f\\n\\r\\t\\u\\d\\!#&\\(-[\\[\\]-_a-
~]/,h=(e,t)=>{const
r()=>{S=g,++t.indentLevel,g=t.indent.repeat(t.indentLevel)},n={escapeEverything:!1,minimal:!1,isScriptContext:!
1,quotes:!!"single",wrap:!1,es6:!1,json:!1,compact:!0,lowercaseHex:!1,numbers:!!"decimal",indent:!!"\\t",i
ndentLevel:0,__inline1__:!1,__inline2__:!1},i=t&&t.json;var
f,m;i&&(n.quotes=!!"double",n.wrap=!0),f=n,!!"single"!==t&&(m=t)?(s(m,(e,t)=>{f[e]=t}),f):f.quotes&&!!"dou
ble"!==t.quotes&&!!"backtick"!==t.quotes&&(t.quotes=!!"single");const
y=!!"double"===t.quotes?"":!!"backtick"===t.quotes?"":!!"`,T=t.compact,b=t.lowercaseHex;let
g=t.indent.repeat(t.indentLevel),S=!!"``";const x=t.__inline1__,E=t.__inline2__,P=T?"":!!"n";let
v,A=!0;const
w=!!"binary"===t.numbers,O=!!"octal"===t.numbers,I=!!"decimal"===t.numbers,C=!!"hexadecimal"===t.num
bers;if(i&&e&&!!"function"===typeof e.toJSON&&(e=e.toJSON()),!(e=>!!"string"===typeof e||!!"[object
String]"===a.call(e))(e)){if((e=>!!"[object Map]"===a.call(e))(e))return 0===e.size?"new
Map()":(T?(t.__inline1__=!0,t.__inline2__=!1),!!"new Map"+"(Array.from(e),t)+"");if((e=>!!"[object
Set]"===a.call(e))(e))return 0===e.size?"new Set()":!!"new Set"+"(Array.from(e),t)+"";if(l(e))return
0===e.length?"Buffer.from(\\)":"Buffer.from"+"(Array.from(e),t)+"");if(o(e))return
v=[],t.wrap=!0,x&&(t.__inline1__=!1,t.__inline2__=!0),E||r(),(e,t)=>{const r=e.length;let n=

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1;for(++n<r;t(e[n]))(e,e=>{A=!1,E&&(t.__inline2__=!1),v.push((T|E?||"":g)+h(e,t)),A?||"[]\":E?||"[]\":||"+
v.join("||",||)+||"}||":||"[]\":P+v.join("||",||)+P+(T?||"||":S)+||"}||";if(!(e=>||"number\")==typeof
e/||"[object Number]\")==a.call(e))(e)return(e=>||"[object
Object]\")==a.call(e)(e)?(v=[],t.wrap=!0,r(),s(e,(e,r)=>{A=!1,v.push((T?||"||":g)+h(e,t)+||":||"+(T?||"||":||
||")+h(r,t)),A?||"{}||":||"{}||"+P+v.join("||",||)+P+(T?||"||":S)+||"}||"):i?JSON.stringify(e)/||"null\":Str
ing(e);if(i)return JSON.stringify(e);if(I)return String(e);if(C){let t=e.toString(16);return
b|(t=t.toUpperCase()),||"0x||"+t}if(w)return||"0b||"+e.toString(2);if(O)return||"0o||"+e.toString(8)}const
N=e;let k=-1;const D=N.length;for(v=||"||";++k<D;){const e=N.charAt(k);if(t.es6){const
e=N.charCodeAt(k);if(e>=55296&&e<=56319&&D>k+1){const
t=N.charCodeAt(k+1);if(t>=56320&&t<=57343){let r=(1024*(e-55296)+t-
56320+65536).toString(16);b|(r=r.toUpperCase()),v+=||"|||||u{||"+r+||"}||",++k;continue}}if(!t.escapeEveryt
hing){if(d.test(e)){v+=e;continue}if("||"==e){v+=y==e?||"|||||":e;continue}if("||"==e){v+=y==e?||"|||||":
":e;continue}if("||"==e){v+=y==e?||"|||||":e;continue}}if("||0||"==e&&!i&&!u.test(N.charAt(k+1))){v
+=||"|||||0||";continue}if(p.test(e)){v+=c[e];continue}const
r=e.charCodeAt(0);if(t.minimal&&8232!=r&&8233!=r){v+=e;continue}let
n=r.toString(16);b|(n=n.toUpperCase());const
s=n.length>2|i,a=||"|||||"+(s?||"u||":||"x||")+(!"0000||"+n).slice(s?-4:-2);v+=a}return
t.wrap&&(v=y+v+y),||"||"==y&&(v=v.replace(/||$||/g,||"|||||$||")),t.isScriptContext?v.replace(/<||\/(scri
pt|style)/gi,||"<|||||$||").replace(/<!--/gi,||"|||||u003C!--||":||"|||||x3C!--
||"):v;h.version=||"2.5.2||",e.exports=h},function(e,t,r){||"use
strict||";Object.defineProperty(t,||"__esModule||",{value:!0}),t.AnyTypeAnnotation=function(){this.word(||"any\
||"),t.ArrayTypeAnnotation=function(e){this.print(e.elementType,e),this.token(||"[]\"),this.token(||"}||")},t.Boole
anTypeAnnotation=function(){this.word(||"boolean||")},t.BooleanLiteralTypeAnnotation=function(e){this.word(e.
value?||"true||":||"false||")},t.NullLiteralTypeAnnotation=function(){this.word(||"null||")},t.DeclareClass=funct
ion(e,t){n.isDeclareExportDeclaration(t)|(this.word(||"declare||"),this.space());this.word(||"class||"),this.space(),t
his._interfaceish(e),t.DeclareFunction=function(e,t){n.isDeclareExportDeclaration(t)|(this.word(||"declare||"),this
.space());this.word(||"function||"),this.space(),this.print(e.id,e),this.print(e.id.typeAnnotation.typeAnnotation,e),e.p
redicate&&(this.space(),this.print(e.predicate,e));this.semicolon(),t.InferredPredicate=function(){this.token(||"%||
"),this.word(||"checks||")},t.DeclaredPredicate=function(e){this.token(||"%||"),this.word(||"checks||"),this.token
(||"||"),this.print(e.value,e),this.token(||"||")},t.DeclareInterface=function(e){this.word(||"declare||"),this.space
(),this.InterfaceDeclaration(e),t.DeclareModule=function(e){this.word(||"declare||"),this.space(),this.word(||"mo
dule||"),this.space(),this.print(e.id,e),this.space(),this.print(e.body,e)},t.DeclareModuleExports=function(e){this.w
ord(||"declare||"),this.space(),this.word(||"module||"),this.token(||".||"),this.word(||"exports||"),this.print(e.type
Annotation,e)},t.DeclareTypeAlias=function(e){this.word(||"declare||"),this.space(),this.TypeAlias(e)},t.DeclareO
paqueType=function(e,t){n.isDeclareExportDeclaration(t)|(this.word(||"declare||"),this.space());this.OpaqueType(
e)},t.DeclareVariable=function(e,t){n.isDeclareExportDeclaration(t)|(this.word(||"declare||"),this.space());this.w
ord(||"var||"),this.space(),this.print(e.id,e),this.print(e.id.typeAnnotation,e),this.semicolon(),t.DeclareExportDeclarat
ion=function(e){this.word(||"declare||"),this.space(),this.word(||"export||"),this.space(),e.default&&(this.word(||
"default||"),this.space());p.apply(this,arguments)},t.DeclareExportAllDeclaration=function(){this.word(||"declare\
"),this.space(),i.ExportAllDeclaration.apply(this,arguments)},t.EnumDeclaration=function(e){const{id:t,body:r}=e;
this.word(||"enum||"),this.space(),this.print(t,e),this.print(r,e)},t.EnumBooleanBody=function(e){const{explicitTyp
e:t}=e;o(this,||"boolean||",t),l(this,e)},t.EnumNumberBody=function(e){const{explicitType:t}=e;o(this,||"number\
||",t),l(this,e)},t.EnumStringBody=function(e){const{explicitType:t}=e;o(this,||"string||",t),l(this,e)},t.EnumSymb
olBody=function(e){o(this,||"symbol||",!0),l(this,e)},t.EnumDefaultedMember=function(e){const{id:t}=e;this.prin
t(t,e),this.token(||",||")},t.EnumBooleanMember=function(e){c(this,e)},t.EnumNumberMember=function(e){c(this
,e)},t.EnumStringMember=function(e){c(this,e)},t.ExistsTypeAnnotation=function(){this.token(||"*||")},t.Functio
nTypeAnnotation=function(e,t){this.print(e.typeParameters,e),this.token(||"||"),this.printList(e.params,e),e.rest&&
(e.params.length&&(this.token(||",||"),this.space()),this.token(||"...||"),this.print(e.rest,e));this.token(||")||"),||"O
```



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bjectTypeCallProperty\\\\"===t.type\\\\"DeclareFunction\\\\"===t.type\\\\"ObjectTypeProperty\\\\"===t.type&&t.met
hod?this.token(\\\\"?:\\\\"):(this.space(),this.token(\\\\"=>\\\\"));this.space(),this.print(e.returnType,e),t.FunctionTypePar
am=function(e){this.print(e.name,e),e.optional&&this.token(\\\\"?\\\\");e.name&&(this.token(\\\\"?:\\\\"),this.space());thi
s.print(e.typeAnnotation,e),t.GenericTypeAnnotation=t.ClassImplements=t.InterfaceExtends=function(e){this.print
(e.id,e),this.print(e.typeParameters,e),t._interfaceish=function(e){this.print(e.id,e),this.print(e.typeParameters,e),e.e
xtends.length&&(this.space(),this.word(\\\\"extends\\\\"),this.space(),this.printList(e.extends,e));e.mixins&&e.mixins.
length&&(this.space(),this.word(\\\\"mixins\\\\"),this.space(),this.printList(e.mixins,e));e.implements&&e.implements
.length&&(this.space(),this.word(\\\\"implements\\\\"),this.space(),this.printList(e.implements,e));this.space(),this.pri
nt(e.body,e)},t._variance=function(e){e.variance&&(\\\\"plus\\\\"===e.variance.kind?this.token(\\\\"+\\\\"):\\\\"minus\\\\"=
==e.variance.kind&&this.token(\\\\"-
\\\\"))},t.InterfaceDeclaration=function(e){this.word(\\\\"interface\\\\"),this.space(),this._interfaceish(e)},t.InterfaceTyp
eAnnotation=function(e){this.word(\\\\"interface\\\\"),e.extends&&e.extends.length&&(this.space(),this.word(\\\\"exte
nds\\\\"),this.space(),this.printList(e.extends,e));this.space(),this.print(e.body,e)},t.IntersectionTypeAnnotation=funct
ion(e){this.printJoin(e.types,e,{separator:u})},t.MixedTypeAnnotation=function(){this.word(\\\\"mixed\\\\"),t.Empty
TypeAnnotation=function(){this.word(\\\\"empty\\\\"),t.NullableTypeAnnotation=function(e){this.token(\\\\"?\\\\"),thi
s.print(e.typeAnnotation,e)},t.NumberTypeAnnotation=function(){this.word(\\\\"number\\\\"),t.StringTypeAnnotatio
n=function(){this.word(\\\\"string\\\\"),t.ThisTypeAnnotation=function(){this.word(\\\\"this\\\\"),t.TupleTypeAnnotat
ion=function(e){this.token(\\\\"[\\\\"),this.printList(e.types,e),this.token(\\\\"]\\\\"),t.TypeOfTypeAnnotation=function(e
){this.word(\\\\"typeof\\\\"),this.space(),this.print(e.argument,e)},t.TypeAlias=function(e){this.word(\\\\"type\\\\"),this.s
pace(),this.print(e.id,e),this.print(e.typeParameters,e),this.space(),this.token(\\\\"=\\\\"),this.space(),this.print(e.right,e),
this.semicolon(),t.TypeAnnotation=function(e){this.token(\\\\"?:\\\\"),this.space(),e.optional&&this.token(\\\\"?\\\\");thi
s.print(e.typeAnnotation,e)},t.TypeParameterDeclaration=t.TypeParameterInstantiation=function(e){this.token(\\\\"<
\\\\"),this.printList(e.params,e,{}),this.token(\\\\">\\\\"),t.TypeParameter=function(e){this._variance(e),this.word(e.na
me),e.bound&&this.print(e.bound,e);e.default&&(this.space(),this.token(\\\\"=\\\\"),this.space(),this.print(e.default,e))
},t.OpaqueType=function(e){this.word(\\\\"opaque\\\\"),this.space(),this.word(\\\\"type\\\\"),this.space(),this.print(e.id,e
),this.print(e.typeParameters,e),e.supertype&&(this.token(\\\\"?:\\\\"),this.space(),this.print(e.supertype,e));e.impltype&
&(this.space(),this.token(\\\\"=\\\\"),this.space(),this.print(e.impltype,e));this.semicolon(),t.ObjectTypeAnnotation=f
unction(e){e.exact?this.token(\\\\"{\\\\"):this.token(\\\\"{\\\\");const
t=e.properties.concat(e.callProperties||[],e.indexers||[],e.internalSlots||[]);t.length&&(this.space(),this.printJoin(t,e,{a
ddNewlines(e){if(e&&!t[0])return
1},indent:!0,statement:!0,iterator:()=>=>{(1!==t.length|e.inexact)&&(this.token(\\\\"{\\\\"),this.space())}),this.space());
e.inexact&&(this.indent(),this.token(\\\\"...\\\\"),t.length&&this.newline(),this.dedent());e.exact?this.token(\\\\"}\\\\"):th
is.token(\\\\"}\\\\"),t.ObjectTypeInternalSlot=function(e){e.static&&(this.word(\\\\"static\\\\"),this.space());this.token(\\\\"
[\\\\"),this.token(\\\\"[\\\\"),this.print(e.id,e),this.token(\\\\"]\\\\"),this.token(\\\\"]\\\\"),e.optional&&this.token(\\\\"?\\\\");e.
method||(this.token(\\\\"?:\\\\"),this.space());this.print(e.value,e)},t.ObjectTypeCallProperty=function(e){e.static&&(thi
s.word(\\\\"static\\\\"),this.space());this.print(e.value,e)},t.ObjectTypeIndexer=function(e){e.static&&(this.word(\\\\"st
atic\\\\"),this.space());this._variance(e),this.token(\\\\"[\\\\"),e.id&&(this.print(e.id,e),this.token(\\\\"?:\\\\"),this.space());th
is.print(e.key,e),this.token(\\\\"]\\\\"),this.token(\\\\"?:\\\\"),this.space(),this.print(e.value,e)},t.ObjectTypeProperty=functi
on(e){e.proto&&(this.word(\\\\"proto\\\\"),this.space());e.static&&(this.word(\\\\"static\\\\"),this.space());\\\\"get\\\\"!:=e.
kind&&\\\\"set\\\\"!:=e.kind||(this.word(e.kind),this.space());this._variance(e),this.print(e.key,e),e.optional&&this.tok
en(\\\\"?\\\\");e.method||(this.token(\\\\"?:\\\\"),this.space());this.print(e.value,e)},t.ObjectTypeSpreadProperty=function(e
){this.token(\\\\"...\\\\"),this.print(e.argument,e)},t.QualifiedTypeIdentifier=function(e){this.print(e.qualification,e),thi
s.token(\\\\".\\\\"),this.print(e.id,e)},t.SymbolTypeAnnotation=function(){this.word(\\\\"symbol\\\\"),t.UnionTypeAnno
tation=function(e){this.printJoin(e.types,e,{separator:d})},t.TypeCastExpression=function(e){this.token(\\\\"(\\\\"),thi
s.print(e.expression,e),this.print(e.typeAnnotation,e),this.token(\\\\"))\\\\"),t.Variance=function(e){\\\\"plus\\\\"===e.kin
d?this.token(\\\\"+\\\\"):this.token(\\\\"-
\\\\"),t.VoidTypeAnnotation=function(){this.word(\\\\"void\\\\"),Object.defineProperty(t,\\\\"NumberLiteralTypeAnn
otation\\\\",{enumerable:!0,get:function(){return

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s.NumericLiteral }}, Object.defineProperty(t, "\"StringLiteralTypeAnnotation\"", { enumerable: !0, get: function() { return s.StringLiteral } }); var n = function(e) { if (e && e.__esModule) return e; if (null === e || "\"object\" !== typeof e && "\"function\" !== typeof e) return { default: e }; var t = a(); if (t && t.has(e)) return t.get(e); var r = { }, n = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var i in e) if (Object.prototype.hasOwnProperty.call(e, i)) { var s = n ? Object.getOwnPropertyDescriptor(e, i) : null; s && (s.get | s.set) ? Object.defineProperty(r, i, s) : r[i] = e[i] } r.default = e, t && t.set(e, r); return r } (r(0)), i = r(123), s = r(124); function a() { if (\"function\" !== typeof WeakMap) return null; var e = new WeakMap; return a = function() { return e }, e } function o(e, t, r) { r && (e.space(), e.word(\"of\"), e.space(), e.word(t), e.space()) } function l(e, t) { const { members: r } = t; e.token(\"{\", e.indent(), e.newline()); for (const n of r) e.print(n, t, e.newline()); e.dedent(), e.token(\"}\", e.newline()) } function c(e, t) { const { id: r, init: n } = t; e.print(r, t, e.space(), e.token(\"=\", e.space(), e.print(n, t, e.token(\"\", e.newline())) } function p(e) { if (e.declaration) { const t = e.declaration; this.print(t, e, n.isStatement(t) | this.semicolon() } else this.token(\"{\", e.specifiers.length && (this.space(), this.printList(e.specifiers, e), this.space()), this.token(\"}\", e.source && (this.space(), this.word(\"from\"), this.space(), this.print(e.source, e), this.semicolon()) } function u() { this.space(), this.token(\"&\", this.space()) } function d() { this.space(), this.token(\"/\", this.space()) }, function(e, t, r) { \"use strict\"; Object.defineProperty(t, \"__esModule\", { value: !0 }); t.File = function(e) { e.program && this.print(e.program.interpreter, e); this.print(e.program, e) }, t.Program = function(e) { this.printInnerComments(e, !1), this.printSequence(e.directives, e), e.directives && e.directives.length && this.newline(); this.printSequence(e.body, e) }, t.BlockStatement = function(e) { var t; this.token(\"{\", this.printInnerComments(e); const r = null === (t = e.directives) ? void 0 : t.length; e.body.length | r ? (this.newline(), this.printSequence(e.directives, e, { indent: !0 } ), r && this.newline(), this.printSequence(e.body, e, { indent: !0 } ), this.removeTrailingNewline(), this.source(\"end\", e.loc), this.endsWith(\"\\n\")) | this.newline(), this.rightBrace(): (this.source(\"end\", e.loc), this.token(\"}\", e.loc)) }, t.Noop = function() { }, t.Directive = function(e) { this.print(e.value, e), this.semicolon() }, t.DirectiveLiteral = function(e) { const t = this.getPossibleRaw(e); if (null !== t) return void this.token(t); const { value: r } = e; if (i.test(r)) { if (n.test(r)) throw new Error(\"Malformed AST: it is not possible to print a directive containing both unescaped single and double quotes.\"); this.token(` ${r} `) } else this.token(` ${r} `) }, t.InterpreterDirective = function(e) { this.token(`#!${e.value}\\n`), t.Placeholder = function(e) { this.token(\"%%\"), this.print(e.name), this.token(\"%%\"), \"Statement\" === e.expectedNode && this.semicolon(); const n = /(?:^[\s\\\\\\\"']*)(?:(?:[^\s\\\\\\\"']|\\\\\\\\|\\\\\\\"|\\\\\\')*)*/i, i = /(?:^[\s\\\\\\\"']*)(?:(?:[^\s\\\\\\\"']|\\\\\\\\|\\\\\\\"|\\\\\\')*)*/i, function(e, t, r) { \"use strict\"; function n() { this.space() } Object.defineProperty(t, \"__esModule\", { value: !0 }); t.JSXAttribute = function(e) { this.print(e.name, e), e.value && (this.token(\"=\", e.value), this.print(e.value, e) }, t.JSXIdentifier = function(e) { this.word(e.name) }, t.JSXNamespaceName = function(e) { this.print(e.namespace, e), this.token(\":\"), this.print(e.name, e) }, t.JSXMemberExpression = function(e) { this.print(e.object, e), this.token(\".\"), this.print(e.property, e) }, t.JSXSpreadAttribute = function(e) { this.token(\"{\", this.token(\"...\"), this.print(e.argument, e), this.token(\"}\", e.loc) }, t.JSXExpressionContainer = function(e) { this.token(\"{\", this.print(e.expression, e), this.token(\"}\", e.loc) }, t.JSXSpreadChild = function(e) { this.token(\"{\", this.token(\"...\"), this.print(e.expression, e), this.token(\"}\", e.loc) }, t.JSXText = function(e) { const t = this.getPossibleRaw(e); null !== t ? this.token(t) : this.token(e.value) }, t.JSXElement = function(e) { const t = e.openingElement; if (this.print(t, e), t.selfClosing) return; this.indent(); for (const t of e.children) this.print(t, e); this.dedent(), this.print(e.closingElement, e) }, t.JSXOpeningElement = function(e) { this.token(\"<\", this.print(e.name, e), this.print(e.typeParameters, e), e.attributes.length > 0 && (this.space(), this.printJoin(e.attributes, e, { separator: n } )); e.selfClosing ? (this.space(), this.token(\"/>\")) : this.token(\">\"), t.JSXClosingElement = function(e) { this.token(\"</\", this.print(e.name, e), this.token(\">\"), t.JSXEmptyExpression = function(e) { this.printInnerComments(e) }, t.JSXFragment = function(e) { this.print(e.openingFragment, e), this.indent(); for (const t of e.children) this.print(t, e); this.dedent(), this.print(e.closingFragment, e) }, t.JSXOpeningFragment = function() { this.token(\"<\", this.token(\">\"), t.JSXClosingFragment = function() { this.token(\"</\", this.token(\">\")) }, function

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n(e,t,r){\|\|use strict\|\|;function
n(e,t){!0!==t&&e.token(t)}Object.defineProperty(t,\|\|__esModule\|\|,{value:!0}),t.TSTypeAnnotation=function(e)
{this.token(\|\|:\|\|),this.space(),e.optional&&this.token(\|\|?\|\|);this.print(e.typeAnnotation,e)},t.TSTypeParameter
Declaration=t.TSTypeParameterInstantiation=function(e){this.token(\|\|<\|\|),this.printList(e.params,e,{}),this.toke
n(\|\|>\|\|)},t.TSTypeParameter=function(e){this.word(e.name),e.constraint&&(this.space(),this.word(\|\|extends\|\|
),this.space(),this.print(e.constraint,e));e.default&&(this.space(),this.token(\|\|= \|\|),this.space(),this.print(e.default,e
)),t.TSParameterProperty=function(e){e.accessibility&&(this.word(e.accessibility),this.space());e.readonly&&(this
.word(\|\|readonly\|\|),this.space());this._param(e.parameter)},t.TSDeclareFunction=function(e){e.declare&&(this.
word(\|\|declare\|\|),this.space());this._functionHead(e),this.token(\|\|;\|\|)},t.TSDeclareMethod=function(e){this._c
lassMethodHead(e),this.token(\|\|;\|\|)},t.TSQualifiedName=function(e){this.print(e.left,e),this.token(\|\|. \|\|),this.p
rint(e.right,e)},t.TSCallSignatureDeclaration=function(e){this.tsPrintSignatureDeclarationBase(e),this.token(\|\|;\|\|
)},t.TSConstructSignatureDeclaration=function(e){this.word(\|\|new\|\|),this.space(),this.tsPrintSignatureDeclaratio
nBase(e),this.token(\|\|;\|\|)},t.TSPropertySignature=function(e){const{readonly:t,initializer:r}=e;t&&(this.word(\|\|
readonly\|\|),this.space());this.tsPrintPropertyOrMethodName(e),this.print(e.typeAnnotation,e),r&&(this.space(),th
is.token(\|\|= \|\|),this.space(),this.print(r,e));this.token(\|\|;\|\|)},t.tsPrintPropertyOrMethodName=function(e){e.co
mputed&&this.token(\|\|[\|\|);this.print(e.key,e),e.computed&&this.token(\|\|]\|\|);e.optional&&this.token(\|\|?\|\|)
},t.TSMethodSignature=function(e){this.tsPrintPropertyOrMethodName(e),this.tsPrintSignatureDeclarationBase(e),
this.token(\|\|;\|\|)},t.TSIndexSignature=function(e){const{readonly:t}=e;t&&(this.word(\|\|readonly\|\|),this.space
());this.token(\|\|[\|\|),this._parameters(e.parameters,e),this.token(\|\|]\|\|),this.print(e.typeAnnotation,e),this.token(\|
\|;\|\|)},t.TSAnyKeyword=function(){this.word(\|\|any\|\|)},t.TSBigIntKeyword=function(){this.word(\|\|bigint\|\|)
},t.TSUnknownKeyword=function(){this.word(\|\|unknown\|\|)},t.TSNumberKeyword=function(){this.word(\|\|nu
mber\|\|)},t.TSObjectKeyword=function(){this.word(\|\|object\|\|)},t.TSBooleanKeyword=function(){this.word(\|\|
boolean\|\|)},t.TSStringKeyword=function(){this.word(\|\|string\|\|)},t.TSSymbolKeyword=function(){this.word(\|\|
symbol\|\|)},t.TSVoidKeyword=function(){this.word(\|\|void\|\|)},t.TSUndefinedKeyword=function(){this.word(\|
\|undefined\|\|)},t.TSNullKeyword=function(){this.word(\|\|null\|\|)},t.TSNeverKeyword=function(){this.word(\|\|
never\|\|)},t.TSIntrinsicKeyword=function(){this.word(\|\|intrinsic\|\|)},t.TSThisType=function(){this.word(\|\|thi
s\|\|)},t.TSFunctionType=function(e){this.tsPrintFunctionOrConstructorType(e)},t.TSConstructorType=function(e)
{this.word(\|\|new\|\|),this.space(),this.tsPrintFunctionOrConstructorType(e)},t.tsPrintFunctionOrConstructorType=
function(e){const{typeParameters:t,parameters:r}=e;this.print(t,e),this.token(\|\|(\|\|),this._parameters(r,e),this.toke
n(\|\|)\|\|),this.space(),this.token(\|\|=>\|\|),this.space(),this.print(e.typeAnnotation.typeAnnotation,e)},t.TSTypeRef
erence=function(e){this.print(e.typeName,e),this.print(e.typeParameters,e)},t.TSTypePredicate=function(e){e.assert
s&&(this.word(\|\|asserts\|\|),this.space());this.print(e.parameterName),e.typeAnnotation&&(this.space(),this.word(
\|\|is\|\|),this.space(),this.print(e.typeAnnotation.typeAnnotation))},t.TSTypeQuery=function(e){this.word(\|\|typeo
f\|\|),this.space(),this.print(e.exprName)},t.TSTypeLiteral=function(e){this.tsPrintTypeLiteralOrInterfaceBody(e.me
mbers,e)},t.tsPrintTypeLiteralOrInterfaceBody=function(e,t){this.tsPrintBraced(e,t)},t.tsPrintBraced=function(e,t){i
f(this.token(\|\|\{\|\|\|),e.length){this.indent(),this.newline();for(const r of
e)this.print(r,t),this.newline();this.dedent(),this.rightBrace()}else
this.token(\|\|\}\|\|)},t.TSArrayType=function(e){this.print(e.elementType,e),this.token(\|\|[\|\|)},t.TSTupleType=f
unction(e){this.token(\|\|[\|\|),this.printList(e.elementTypes,e),this.token(\|\|]\|\|)},t.TSOptionalType=function(e){t
his.print(e.typeAnnotation,e),this.token(\|\|?\|\|)},t.TSRestType=function(e){this.token(\|\|...\|\|),this.print(e.typeAn
notation,e)},t.TSNamedTupleMember=function(e){this.print(e.label,e),e.optional&&this.token(\|\|?\|\|);this.token(\|
\|:\|\|),this.space(),this.print(e.elementType,e)},t.TSUnionType=function(e){this.tsPrintUnionOrIntersectionType(e,
\|\|\|\|\|)},t.TSIntersectionType=function(e){this.tsPrintUnionOrIntersectionType(e,\|\|&\|\|)},t.tsPrintUnionOrInters
ectionType=function(e,t){this.printJoin(e.types,e,{separator(){this.space(),this.token(t),this.space()}})},t.TSCondi
tionalType=function(e){this.print(e.checkType),this.space(),this.word(\|\|extends\|\|),this.space(),this.print(e.extends
Type),this.space(),this.token(\|\|?\|\|),this.space(),this.print(e.trueType),this.space(),this.token(\|\|:\|\|),this.space(),t
his.print(e.falseType)},t.TSInferType=function(e){this.token(\|\|infer\|\|),this.space(),this.print(e.typeParameter)},t.
TSParenthesizedType=function(e){this.token(\|\|(\|\|),this.print(e.typeAnnotation,e),this.token(\|\|)\|\|)},t.TSTypeO

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operator=function(e){this.word(e.operator),this.space(),this.print(e.typeAnnotation,e)},t.TSIndexedAccessType=function(e){this.print(e.objectType,e),this.token("\\[\\|\\|\\|"),this.print(e.indexType,e),this.token("\\]\\|\\|\\|"),t.TSMappedType=function(e){const{nameType:t,optional:r,readonly:i,typeParameter:s}=e;this.token("\\{\\|\\|\\|"),this.space(),i&&(n(this.s,i),this.word("\\readonly\\|\\|\\|"),this.space());this.token("\\[\\|\\|\\|"),this.word(s.name),this.space(),this.word("\\in\\|\\|\\|"),this.space(),this.print(s.constraint,s),t&&(this.space(),this.word("\\as\\|\\|\\|"),this.space(),this.print(t,e));this.token("\\]\\|\\|\\|"),r&&(n(this,r),this.token("\\?\\|\\|\\|"));this.token("\\:\\|\\|\\|"),this.space(),this.print(e.typeAnnotation,e),this.space(),this.token("\\}\\|\\|\\|"),t.TSLiteralType=function(e){this.print(e.literal,e)},t.TSExpressionWithTypeArguments=function(e){this.print(e.expression,e),this.print(e.typeParameters,e)},t.TSInterfaceDeclaration=function(e){const{declare:t,id:r,typeParameters:n,extends:i,body:s}=e;t&&(this.word("\\declare\\|\\|\\|"),this.space());this.word("\\interface\\|\\|\\|"),this.space(),this.print(r,e),this.print(n,e),i&&(this.space(),this.word("\\extends\\|\\|\\|"),this.space(),this.printList(i,e));this.space(),this.print(s,e)},t.TSInterfaceBody=function(e){this.tsPrintTypeLiteralOrInterfaceBody(e.body,e)},t.TSTypeAliasDeclaration=function(e){const{declare:t,id:r,typeParameters:n,typeAnnotation:i}=e;t&&(this.word("\\declare\\|\\|\\|"),this.space());this.word("\\type\\|\\|\\|"),this.space(),this.print(r,e),this.print(n,e),this.space(),this.token("\\=\\|\\|\\|"),this.space(),this.print(i,e),this.token("\\:\\|\\|\\|"),t.TSAsExpression=function(e){const{expression:t,typeAnnotation:r}=e;this.print(t,e),this.space(),this.word("\\as\\|\\|\\|"),this.space(),this.print(r,e)},t.TSTypeAssertion=function(e){const{typeAnnotation:t,expression:r}=e;this.token("\\<\\|\\|\\|"),this.print(t,e),this.token("\\>\\|\\|\\|"),this.space(),this.print(r,e)},t.TSEnumDeclaration=function(e){const{declare:t,const:r,id:n,members:i}=e;t&&(this.word("\\declare\\|\\|\\|"),this.space());r&&(this.word("\\const\\|\\|\\|"),this.space());this.word("\\enum\\|\\|\\|"),this.space(),this.print(n,e),this.space(),this.tsPrintBraced(i,e)},t.TSEnumMember=function(e){const{id:t,initializer:r}=e;this.print(t,e),r&&(this.space(),this.token("\\=\\|\\|\\|"),this.space(),this.print(r,e));this.token("\\:\\|\\|\\|"),t.TSModuleDeclaration=function(e){const{declare:t,id:r}=e;t&&(this.word("\\declare\\|\\|\\|"),this.space());e.global?(this.word("\\Identifier\\|\\|\\|")==r.type?"namespace\\|\\|\\|":"module\\|\\|\\|"),this.space();if(this.print(r,e),!e.body)return void this.token("\\;\\|\\|\\|");let n=e.body;for(;"TSModuleDeclaration\\|\\|\\|")==n.type;this.token("\\.\\|\\|\\|"),this.print(n.id,n),n=n.body;this.space(),this.print(n,e)},t.TSModuleBlock=function(e){this.tsPrintBraced(e.body,e)},t.TSImportType=function(e){const{argument:t,qualifier:r,typeParameters:n}=e;this.word("\\import\\|\\|\\|"),this.token("\\(\\|\\|\\|"),this.print(t,e),this.token("\\)\\|\\|\\|"),r&&(this.token("\\.\\|\\|\\|"),this.print(r,e));n&&this.print(n,e)},t.TSImportEqualsDeclaration=function(e){const{isExport:t,id:r,moduleReference:n}=e;t&&(this.word("\\export\\|\\|\\|"),this.space());this.word("\\import\\|\\|\\|"),this.space(),this.print(r,e),this.space(),this.token("\\=\\|\\|\\|"),this.space(),this.print(n,e),this.token("\\:\\|\\|\\|"),t.TSExternalModuleReference=function(e){this.token("\\require\\|\\|\\|"),this.print(e.expression,e),this.token("\\)\\|\\|\\|"),t.TSNonNullExpression=function(e){this.print(e.expression,e),this.token("\\!\\|\\|\\|"),t.TSExportAssignment=function(e){this.word("\\export\\|\\|\\|"),this.space(),this.token("\\=\\|\\|\\|"),this.space(),this.print(e.expression,e),this.token("\\:\\|\\|\\|"),t.TSNamespaceExportDeclaration=function(e){this.word("\\export\\|\\|\\|"),this.space(),this.word("\\as\\|\\|\\|"),this.space(),this.word("\\namespace\\|\\|\\|"),this.space(),this.print(e.id,e)},t.tsPrintSignatureDeclarationBase=function(e){const{typeParameters:t,parameters:r}=e;this.print(t,e),this.token("\\(\\|\\|\\|"),this._parameters(r,e),this.token("\\)\\|\\|\\|"),this.print(e.typeAnnotation,e)},t.tsPrintClassMemberModifiers=function(e,t){t&&e.declare&&(this.word("\\declare\\|\\|\\|"),this.space());e.accessibility&&(this.word(e.accessibility),this.space());e.static&&(this.word("\\static\\|\\|\\|"),this.space());e.abstract&&(this.word("\\abstract\\|\\|\\|"),this.space());t&&e.readonly&&(this.word("\\readonly\\|\\|\\|"),this.space())},function(e,t,r){\\"use strict\\|\\|\\|";Object.defineProperty(t,\\"__esModule\\|\\|\\|",{value:!0}),t.findParent=function(e){let t=this;for(;t.parentPath;if(e(t))return t;return null},t.find=function(e){let t=this;do{if(e(t))return t}while(t=t.parentPath);return null},t.getFunctionParent=function(){return this.findParent(e=>e.isFunction())},t.getStatementParent=function(){let e=this;do{if(!e.parentPath||Array.isArray(e.container)&&e.isStatement())break;e=e.parentPath}while(e);if(e&&(e.isProgram()||e.isFile()))throw new Error("\\File/Program node, we can't possibly find a statement parent to this\\|\\|\\|");return e},t.getEarliestCommonAncestorFrom=function(e){return this.getDeepestCommonAncestorFrom(e,(function(e,t,r){let n;const s=i.VISITOR_KEYS[e.type];for(const e of r){const r=e[t+1];n?(r.listKey&&n.listKey===r.listKey&&r.key<n.key|s.indexOf(n.parentKey)>s.indexOf(r.parentKey))&&(n=r):n=r}return n}}),t.getDeepestCommonAncestorFrom=function(e,t){if(!e.length)return

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this;if(1===e.length)return e[0];let r,n,i=1/0;const s=e.map(e=>{ const
t=[];do{t.unshift(e)}while((e=e.parentPath)&&e!==this);return t.length<i&&(i=t.length),t},a=s[0];e:for(let
e=0;e<i;e++){const t=a[e];for(const r of s)if(r[e]!==t)break e;r=e,n=t}if(n)return t?(n,r,s):n;throw new
Error(\\\"Couldn't find intersection\\\"),t.getAncestry=function(){let e=this;const
t=[];do{t.push(e)}while(e=e.parentPath);return t},t.isAncestor=function(e){return
e.isDescendant(this)},t.isDescendant=function(e){return!this.findParent(t=>t===e)},t.inType=function(){let
e=this;for(;e;){for(const t of arguments)if(e.node.type===t)return!0;e=e.parentPath}return!1};var
n,i=function(e){if(e&&e.__esModule)return e;if(null===e||\\\"object\\\"!==typeof e&&\\\"function\\\"!==typeof
e)return{default:e};var t=s();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
a=n?Object.getOwnPropertyDescriptor(e,i):null;a&&(a.get||a.set)?Object.defineProperty(r,i,a):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0));(n=r(8))&&n.__esModule;function s(){if(\\\"function\\\"!==typeof WeakMap)return
null;var e=new WeakMap;return s=function(){return e},e},function(e,t,r){\\\"use
strict\\\";Object.defineProperty(t,\\\"__esModule\\\",{value:!0}),t.getTypeAnnotation=function(){if(this.typeAnnotat
ion)return this.typeAnnotation;let
e=this._getTypeAnnotation()||i.anyTypeAnnotation();i.isTypeAnnotation(e)&&(e=e.typeAnnotation);return
this.typeAnnotation=e},t._getTypeAnnotation=function(){var e;const
t=this.node;if(!t){if(\\\"init\\\"===this.key&&this.parentPath.isVariableDeclarator()){const
e=this.parentPath.parentPath,t=e.parentPath;return\\\"left\\\"===e.key&&t.isForInStatement()?i.stringTypeAnnotati
on():\\\"left\\\"===e.key&&t.isForOfStatement()?i.anyTypeAnnotation():i.voidTypeAnnotation()}return}if(t.typeAn
notation)return t.typeAnnotation;let r=n[t.type];if(r)return r.call(this,t);if(r=n[this.parentPath.type],null==(e=r)?void
0:e.validParent)return this.parentPath.getTypeAnnotation(),t.isBaseType=function(e,t){return
o(e,this.getTypeAnnotation(),t)},t.couldBeBaseType=function(e){const
t=this.getTypeAnnotation();if(i.isAnyTypeAnnotation(t))return!0;if(i.isUnionTypeAnnotation(t)){for(const r of
t.types)if(i.isAnyTypeAnnotation(r)||o(e,r,!0))return!0;return!1}return
o(e,t,!0)},t.baseTypeStrictlyMatches=function(e){const
t=this.getTypeAnnotation();if(e=e.getTypeAnnotation(),!i.isAnyTypeAnnotation(t)&&i.isFlowBaseAnnotation(t))re
turn e.type===t.type},t.isGenericType=function(e){const t=this.getTypeAnnotation();return
i.isGenericTypeAnnotation(t)&&i.isIdentifier(t.id,{name:e})};var n=a(r(340)),i=a(r(0));function
s(){if(\\\"function\\\"!==typeof WeakMap)return null;var e=new WeakMap;return s=function(){return e},e}function
a(e){if(e&&e.__esModule)return e;if(null===e||\\\"object\\\"!==typeof e&&\\\"function\\\"!==typeof
e)return{default:e};var t=s();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
a=n?Object.getOwnPropertyDescriptor(e,i):null;a&&(a.get||a.set)?Object.defineProperty(r,i,a):r[i]=e[i]}return
r.default=e,t&&t.set(e,r,r)}function o(e,t,r){if(\\\"string\\\"===e)return
i.isStringTypeAnnotation(t);if(\\\"number\\\"===e)return i.isNumberTypeAnnotation(t);if(\\\"boolean\\\"===e)return
i.isBooleanTypeAnnotation(t);if(\\\"any\\\"===e)return i.isAnyTypeAnnotation(t);if(\\\"mixed\\\"===e)return
i.isMixedTypeAnnotation(t);if(\\\"empty\\\"===e)return i.isEmptyTypeAnnotation(t);if(\\\"void\\\"===e)return
i.isVoidTypeAnnotation(t);if(r)return!1;throw new Error(\\\"Unknown base type \\\"+e)},function(e,t,r){\\\"use
strict\\\";Object.defineProperty(t,\\\"__esModule\\\",{value:!0}),t.VariableDeclarator=function(){var
e;if(!this.get(\\\"id\\\").isIdentifier())return;const t=this.get(\\\"init\\\");let
r=t.getTypeAnnotation():\\\"AnyTypeAnnotation\\\"===e?(null==(e=r)?void
0:e.type)&&t.isCallExpression()&&t.get(\\\"callee\\\").isIdentifier({name:\\\"Array\\\"})&&!t.scope.hasBinding(\\\"
Array\\\",!0)&&(r=l());return
r},t.TypeCastExpression=o,t.NewExpression=function(e){if(this.get(\\\"callee\\\").isIdentifier())return
i.genericTypeAnnotation(e.callee)},t.TemplateLiteral=function(){return

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i.stringTypeAnnotation(),t.UnaryExpression=function(e){const t=e.operator;if(\\\\"void\\"===t)return
i.voidTypeAnnotation();if(i.NUMBER_UNARY_OPERATORS.indexOf(t)>=0)return
i.numberTypeAnnotation();if(i.STRING_UNARY_OPERATORS.indexOf(t)>=0)return
i.stringTypeAnnotation();if(i.BOOLEAN_UNARY_OPERATORS.indexOf(t)>=0)return
i.booleanTypeAnnotation(),t.BinaryExpression=function(e){const
t=e.operator;if(i.NUMBER_BINARY_OPERATORS.indexOf(t)>=0)return
i.numberTypeAnnotation();if(i.BOOLEAN_BINARY_OPERATORS.indexOf(t)>=0)return
i.booleanTypeAnnotation();if(\\\\"+\\"===t){const e=this.get(\\\\"right\\"),t=this.get(\\\\"left\\");return
t.isBaseType(\\\\"number\\")&&e.isBaseType(\\\\"number\\")?i.numberTypeAnnotation():t.isBaseType(\\\\"string\\")
||e.isBaseType(\\\\"string\\")?i.stringTypeAnnotation():i.unionTypeAnnotation([i.stringTypeAnnotation(),i.numberT
ypeAnnotation()])},t.LogicalExpression=function(){const
e=[this.get(\\\\"left\\"),this.get(\\\\"right\\"),this.get(\\\\"right\\"),this.get(\\\\"right\\")];if(i.isTSTypeAnnotation(e[0]
)&&i.createTSUnionType)return i.createTSUnionType(e);if(i.createFlowUnionType)return
i.createFlowUnionType(e);return i.createUnionTypeAnnotation(e)},t.ConditionalExpression=function(){const
e=[this.get(\\\\"consequent\\"),this.get(\\\\"alternate\\")];if(i.isTSTypeAnn
otation(e[0])&&i.createTSUnionType)return i.createTSUnionType(e);if(i.createFlowUnionType)return
i.createFlowUnionType(e);return i.createUnionTypeAnnotation(e)},t.SequenceExpression=function(){return
this.get(\\\\"expressions\\").pop().getTypeAnnotation(),t.ParenthesizedExpression=function(){return
this.get(\\\\"expression\\").getTypeAnnotation(),t.AssignmentExpression=function(){return
this.get(\\\\"right\\"),this.get(\\\\"right\\").getTypeAnnotation(),t.UpdateExpression=function(e){const t=e.operator;if(\\\\"++\\"===t||\\\\"-
-\\"===t)return i.numberTypeAnnotation(),t.StringLiteral=function(){return
i.stringTypeAnnotation(),t.NumericLiteral=function(){return
i.numberTypeAnnotation(),t.BooleanLiteral=function(){return
i.booleanTypeAnnotation(),t.NullLiteral=function(){return
i.nullLiteralTypeAnnotation(),t.RegExpLiteral=function(){return
i.genericTypeAnnotation(i.identifier(\\\\"RegExp\\"))},t.ObjectExpression=function(){return
i.genericTypeAnnotation(i.identifier(\\\\"Object\\"))},t.ArrayExpression=l,t.RestElement=c,t.ClassDeclaration=t.Cl
assExpression=t.FunctionDeclaration=t.ArrowFunctionExpression=t.FunctionExpression=function(){return
i.genericTypeAnnotation(i.identifier(\\\\"Function\\"))},t.CallExpression=function(){const{callee:e}=this.node;if(u(
e))return i.arrayTypeAnnotation(i.stringTypeAnnotation());if(p(e)||d(e))return
i.arrayTypeAnnotation(i.anyTypeAnnotation());if(h(e))return
i.arrayTypeAnnotation(i.tupleTypeAnnotation([i.stringTypeAnnotation(),i.anyTypeAnnotation()]));return
f(this.get(\\\\"callee\\"))},t.TaggedTemplateExpression=function(){return
f(this.get(\\\\"tag\\")),Object.defineProperty(t,\\\\"Identifier\\",{enumerable:!0,get:function(){return s.default}});var
n,i=function(e){if(e&&e.__esModule)return e;if(null===e||\\\\"object\\"!=typeof e&&\\\\"function\\"!=typeof
e)return{default:e};var t=a();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0)),s=(n=r(341))&&n.__esModule?n:{default:n};function a(){if(\\\\"function\\"!=typeof
WeakMap)return null;var e=new WeakMap;return a=function(){return e},e}function o(e){return
e.typeAnnotation}function l(){return i.genericTypeAnnotation(i.identifier(\\\\"Array\\"))}function c(){return
l()}o.validParent=!0,c.validParent=!0;const
p=i.buildMatchMemberExpression(\\\\"Array.from\\"),u=i.buildMatchMemberExpression(\\\\"Object.keys\\"),d=i.bu
ildMatchMemberExpression(\\\\"Object.values\\"),h=i.buildMatchMemberExpression(\\\\"Object.entries\\"");function
f(e){if((e=e.resolve()).isFunction()){if(e.is(\\\\"async\\"))return
e.is(\\\\"generator\\")?i.genericTypeAnnotation(i.identifier(\\\\"AsyncIterator\\")):i.genericTypeAnnotation(i.identifie
r(\\\\"Promise\\"));if(e.node.returnType)return e.node.returnType}}},function(e,t,r){\\\\"use

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strict";Object.defineProperty(t, "__esModule", { value: !0 }), t.default = function (e) { if (!this.isReferenced()) return;
const t = this.scope.getBinding(e.name); if (t) return
t.identifier.typeAnnotation ? t.identifier.typeAnnotation : function (e, t, r) { const i = [], o = []; let l = s(e, t, o); const c = function
e(t, r, i) { const s = function (e, t, r) { let
n; for (; n = t.parentPath;) { if (n.isIfStatement() || n.isConditionalExpression()) { if (/\\"test\\" === t.key) return; return
n } if (n.isFunction() && n.parentPath.scope.getBinding(r) !== e) return; t = n } (t, r, i); if (!s) return; const
o = s.get(\\\\"test\\"), l = []; for (let e = 0; e < o.length; e++) { const
t = o[e]; if (t.isLogicalExpression()) { \\"&&\\" === t.node.operator && (o.push(t.get(\\\\"left\\")), o.push(t.get(\\\\"right\\"))
)); else if (t.isBinaryExpression()) { const e = a(i, t); e && l.push(e) } if (l.length) return
n.isTSTypeAnnotation(l[0]) && n.createTSUnionType ? { typeAnnotation: n.createTSUnionType(l), ifStatement: s } : n.createFlowUnionType ? { typeAnnotation: n.createFlowUnionType(l), ifStatement: s } : { typeAnnotation: n.createUnionTypeAnnotation(l), ifStatement: s }; return e(s, i) } (e, t, r); if (c) { const
t = s(e, c.ifStatement); l = l.filter(e => t.indexOf(e) < 0), i.push(c.typeAnnotation) } if (l.length) { l = l.concat(o); for (const e of
l) i.push(e.getTypeAnnotation()) } if (!l.length) return; if (n.isTSTypeAnnotation(i[0]) && n.createTSUnionType) return
n.createTSUnionType(i); if (n.createFlowUnionType) return n.createFlowUnionType(i); return
n.createUnionTypeAnnotation(i) (t, this, e.name); if (\\\\"undefined\\" === e.name) return
n.voidTypeAnnotation(); if (\\\\"NaN\\" === e.name || \\"Infinity\\" === e.name) return
n.numberTypeAnnotation(); e.name }; var n = function (e) { if (e && e.__esModule) return
e; if (null === e || \\"object\\" !== typeof e && \\"function\\" !== typeof e) return { default: e }; var t = i(); if (t && t.has(e)) return
t.get(e); var r = { }, n = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var s in
e) if (Object.prototype.hasOwnProperty.call(e, s)) { var
a = n ? Object.getOwnPropertyDescriptor(e, s) : null; a && (a.get || a.set) ? Object.defineProperty(r, s, a) : r[s] = e[s] } r.default = e
, t && t.set(e, r); return r } (r(0)); function i() { if (\\\\"function\\" !== typeof WeakMap) return null; var e = new
WeakMap; return i = function () { return e }, e } function s(e, t, r) { const n = e.constantViolations.slice(); return
n.unshift(e.path), n.filter(e => { const n = (e = e.resolve())._guessExecutionStatusRelativeTo(t); return
r && \\"unknown\\" === n && r.push(e), \\"before\\" === n }) } function a(e, t) { const
r = t.node.operator, i = t.get(\\\\"right\\"), s = t.get(\\\\"left\\"), resolve(); let
a, o, l; if (s.isIdentifier({ name: e }) ? a = i.isIdentifier({ name: e }) && (a = s), a) return \\" === \\" === r ? a.getTypeAnnotation()
: n.BOOLEAN_NUMBER_BINARY_OPERATORS.indexOf(r) >= 0 ? n.numberTypeAnnotation() : void
0; if (\\\\" === \\" !== r && \\" = \\" !== r) return; if (s.isUnaryExpression({ operator: \\"typeof\\" }) ? (o = s, l = i) : i.isUnaryExp
ression({ operator: \\"typeof\\" }) && (o = i, l = s), !o) return; if (!o.get(\\\\"argument\\"), !o.isIdentifier({ name: e })) return; if (l = l
.resolve(), !l.isLiteral()) return; const c = l.node.value; return \\"string\\" === typeof
c ? n.createTypeAnnotationBasedOnTypeof(c) : void 0 } }, function (e, t, r) { \\"use
strict\\"; Object.defineProperty(t, "__esModule", { value: !0 }), t.replaceWithMultiple = function (e) { this.resync(), e = t
his._verifyNodeList(e), o.inheritLeadingComments(e[0], this.node), o.inheritTrailingComments(e[e.length-
1], this.node), this.node = this.container[this.key] = null; const
t = this.insertAfter(e); this.node ? this.requeue() : this.remove(); return
t }, t.replaceWithSourceString = function (e) { this.resync(); try { e = ` ${ e } ` , e = (0, a.parse)(e) } catch (t) { const r = t.loc; throw
r && (t.message += \\" - make sure this is an
expression. \\\\" + (0, n.codeFrameColumns)(e, { start: { line: r.line, column: r.column + 1 } })), t.code = \\"BABEL_REPL
ACE_SOURCE_ERROR\\" }, t } return
e = e.program.body[0].expression, i.default.removeProperties(e, this.replaceWith(e)), t.replaceWith = function (e) { if (thi
s.resync(), this.removed) throw new Error(\\\\"You can't replace this node, we've already removed it\\""); e instanceof
s.default && (e = e.node); if (!e) throw new Error(\\\\"You passed `path.replaceWith()` a falsy node, use `path.remove()`
instead\\""); if (this.node === e) return [this]; if (this.isProgram() && !o.isProgram(e)) throw new Error(\\\\"You can only
replace a Program root node with another Program node\\""); if (Array.isArray(e)) throw new Error(\\\\"Don't use
`path.replaceWith()` with an array of nodes, use `path.replaceWithMultiple()`\\""); if (\\\\"string\\" === typeof e) throw
new Error(\\\\"Don't use `path.replaceWith()` with a source string, use `path.replaceWithSourceString()`\\""); let

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t=\\\\"";this.isNodeType(\\\\"Statement\\\\")&&o.isExpression(e)&&(this.canHaveVariableDeclarationOrExpression
()||this.canSwapBetweenExpressionAndStatement(e)||this.parentPath.isExportDefaultDeclaration())|(e=o.expression
Statement(e),t=\\\\"expression\\\\"));if(this.isNodeType(\\\\"Expression\\\\")&&o.isStatement(e)&&!this.canHaveVariableDeclarationOrExpression()&&!this.canSwapBetweenExpressionAndStatement(e))return
this.replaceExpressionWithStatements([e]);const
r=this.node;r&&(o.inheritsComments(e,r),o.removeComments(r));return
this._replaceWith(e),this.type=e.type,this.setScope(),this.requeue(),[t?this.get(t):this]},t._replaceWith=function(e){if
(!this.container)throw new ReferenceError(\\\\"Container is
falsy\\\\"");this.inList?o.validate(this.parent,this.key,[e]):o.validate(this.parent,this.key,e);this.debug(\\\\"Replace with
\\\\"+(null===e?void
0:e.type)),this.node=this.container[this.key]=e,t.replaceExpressionWithStatements=function(e){this.resync();const
t=o.toSequenceExpression(e,this.scope);if(t)return this.replaceWith(t)[0].get(\\\\"expressions\\\\"");const
r=this.getFunctionParent(),n=null===r?void
0:r.is(\\\\"async\\\\"),s=o.arrowFunctionExpression([],o.blockStatement(e));this.replaceWith(o.callExpression(s,[]),th
is.traverse(p);const a=this.get(\\\\"callee\\\\"").getCompletionRecords();for(const e of
a){if(!e.isExpressionStatement())continue;const t=e.findParent(e=>e.isLoop());if(t){let
r=t.getData(\\\\"expressionReplacementReturnUid\\\\"");if(r)r=o.identifier(r.name);else{const
e=this.get(\\\\"callee\\\\"");r=e.scope.generateDeclaredUidIdentifier(\\\\"ret\\\\"),e.get(\\\\"body\\\\"").pushContainer(\\\\"bod
y\\\\"",o.returnStatement(o.cloneNode(r))),t.setData(\\\\"expressionReplacementReturnUid\\\\"",r)}e.get(\\\\"expression\\
\\\\").replaceWith(o.assignmentExpression(\\\\"=\\\\"",o.cloneNode(r),e.node.expression))}else
e.replaceWith(o.returnStatement(e.node.expression))}const
l=this.get(\\\\"callee\\\\"");l.arrowFunctionToExpression(),n&&i.default.hasType(this.get(\\\\"callee.body\\\\"").node,\\\\"A
waitExpression\\\\"",o.FUNCTION_TYPES)&&(l.set(\\\\"async\\\\"",!0),this.replaceWith(o.awaitExpression(this.node)
));return
l.get(\\\\"body.body\\\\"");t.replaceInline=function(e){if(this.resync(),Array.isArray(e)){if(Array.isArray(this.containe
r)){e=this._verifyNodeList(e);const t=this._containerInsertAfter(e);return this.remove(),t}return
this.replaceWithMultiple(e)}return this.replaceWith(e)};var
n=r(125),i=c(r(17)),s=c(r(8)),a=r(60),o=function(e){if(e&&e.__esModule)return e;if(null===e||\\\\"object\\\\"!=typeof
e&&\\\\"function\\\\"!=typeof e)return{default:e};var t=l();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0));function l(){if(\\\\"function\\\\"!=typeof WeakMap)return null;var e=new WeakMap;return
l=function(){return e},e}function c(e){return e&&e.__esModule?e:{default:e}}const
p={Function(e){e.skip()},VariableDeclaration(e){if(\\\\"var\\\\"!=e.node.kind)return;const
t=e.getBindingIdentifiers();for(const r of Object.keys(t))e.scope.push({id:t[r]});const r=[];for(const t of
e.node.declarations)t.init&&r.push(o.expressionStatement(o.assignmentExpression(\\\\"=\\\\"",t.id,t.init)));e.replaceWit
hMultiple(r)}}},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\"",{value:!0}),t.shouldHighlight=p,t.getChalk=u,t.default=function
(e,t={}){if(p(t)){return function(e,t){let r=\\\\"\\\\";for(const{type:n,value:i}of c(t)){const
t=e[n];r+=t?i.split(o).map(e=>t(e)).join(\\\\"\\\\"n\\\\""):i}return
r}(function(e){return{keyword:e.cyan,capitalized:e.yellow,jsxIdentifier:e.yellow,punctuator:e.yellow,number:e.magenta,
string:e.green,regex:e.magenta,comment:e.grey,invalid:e.white.bgRed.bold})(u(t),e)}return e};var
n=r(19);const i=r(344),s=r(345),a=new Set([\\\\"as\\\\"",\\\\"async\\\\"",\\\\"from\\\\"",\\\\"get\\\\"",\\\\"of\\\\"",\\\\"set\\\\""]);const
o=/^\\r\\n|\\n|\\r|\\u2028|\\u2029/,l=/^[(){}\\[\\]]$/;let c;{const e=/^[a-z][\\w-
]*$/i,t=function(t,r,i){if(\\\\"name\\\\"===t.type){if((0,n.isKeyword)(t.value)||(!0,n.isStrictReservedWord)(t.value,!0)||a
.has(t.value))return\\\\"keyword\\\\";if(e.test(t.value)&&(\\\\"<\\\\"===i[r-1])||\\\\"<\\\\"===i.substr(r-
2,2))return\\\\"jsxIdentifier\\\\";if(t.value[0]!==t.value[0].toLowerCase())return\\\\"capitalized\\\\"}return\\\\"punctuator

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=e.exports},function(e,t,r){\|"use strict\|";var
n=/[\\|\\|\\|\\|\\|\\|\\|\\|\\|\\|^$+*?\\.]/g;e.exports=function(e){if(\\|"string\\|"!|=typeof e)throw new TypeError(\\|"Expected a
string\\|"");return e.replace(n,\\|"\\|\\|\\|\\|\\|\\|\\|\\|\\|\\|&\\|"")},function(e,t,r){\|"use strict\|";(function(e){const
t=r(348),n=(e,r)=>function(){const n=e.apply(t,arguments);return`\\|u001b${n+r}m`},i=(e,r)=>function(){const
n=e.apply(t,arguments);return`\\|u001b${38+r};5;${n}m`},s=(e,r)=>function(){const
n=e.apply(t,arguments);return`\\|u001b${38+r};2;${n[0]};${n[1]};${n[2]}m`};Object.defineProperty(e,\\|"exports\\|
\\|",{enumerable:!0,get:function(){const e=new
Map,r={modifier:{reset:[0,0],bold:[1,22],dim:[2,22],italic:[3,23],underline:[4,24],inverse:[7,27],hidden:[8,28],strike
through:[9,29]},color:{black:[30,39],red:[31,39],green:[32,39],yellow:[33,39],blue:[34,39],magenta:[35,39],cyan:[3
6,39],white:[37,39],gray:[90,39],redBright:[91,39],greenBright:[92,39],yellowBright:[93,39],blueBright:[94,39],ma
gentaBright:[95,39],cyanBright:[96,39],whiteBright:[97,39]},bgColor:{bgBlack:[40,49],bgRed:[41,49],bgGreen:[42
,49],bgYellow:[43,49],bgBlue:[44,49],bgMagenta:[45,49],bgCyan:[46,49],bgWhite:[47,49],bgBlackBright:[100,49],
bgRedBright:[101,49],bgGreenBright:[102,49],bgYellowBright:[103,49],bgBlueBright:[104,49],bgMagentaBright:[
105,49],bgCyanBright:[106,49],bgWhiteBright:[107,49]}},r.color.grey=r.color.gray;for(const t of
Object.keys(r)){const n=r[t];for(const t of Object.keys(n)){const
i=n[t];r[t]={open:`\\|u001b${i[0]}m`,close:`\\|u001b${i[1]}m`,n[t]=r[t],e.set(i[0],i[1])}Object.defineProperty(r,t,{
value:n,enumerable:!1}),Object.defineProperty(r,\\|"codes\\|",{value:e,enumerable:!1})}const
a=e>=>e,o=(e,t,r)=>[e,t,r];r.color.close=\\|"\\|u001b[39m\\|",r.bgColor.close=\\|"\\|u001b[49m\\|",r.color.ansi={ansi:(n
a,0)},r.color.ansi256={ansi256:i(a,0)},r.color.ansi16m={rgb:s(o,0)},r.bgColor.ansi={ansi:n(a,10)},r.bgColor.ansi25
6={ansi256:i(a,10)},r.bgColor.ansi16m={rgb:s(o,10)};for(let e of Object.keys(t)){if(\\|"object\\|"!|=typeof
t[e])continue;const a=t[e];\\|"ansi16\\|"===e&&(e=\\|"ansi\\|"),\\|"ansi16\\|"in
a&&(r.color.ansi[e]=n(a.ansi16,0),r.bgColor.ansi[e]=n(a.ansi16,10)),\\|"ansi256\\|"in
a&&(r.color.ansi256[e]=i(a.ansi256,0),r.bgColor.ansi256[e]=i(a.ansi256,10)),\\|"rgb\\|"in
a&&(r.color.ansi16m[e]=s(a.rgb,0),r.bgColor.ansi16m[e]=s(a.rgb,10))}return
r}}).call(this,r(31)(e)),function(e,t,r){var
n=r(126),i=r(350),s={};Object.keys(n).forEach((function(e){s[e]={},Object.defineProperty(s[e],\\|"channels\\|",{val
ue:n[e].channels}),Object.defineProperty(s[e],\\|"labels\\|",{value:n[e].labels});var
t=i(e);Object.keys(t).forEach((function(r){var n=t[r];s[e][r]=function(e){var t=function(t){if(null==t)return
t;arguments.length>1&&(t=Array.prototype.slice.call(arguments));var r=e(t);if(\\|"object\\|"==typeof r)for(var
n=r.length,i=0;i<n;i++)r[i]=Math.round(r[i]);return r};return\\|"conversion\\|"in
e&&(t.conversion=e.conversion),t)(n),s[e][r].raw=function(e){var t=function(t){return
null==t?t:(arguments.length>1&&(t=Array.prototype.slice.call(arguments)),e(t));return\\|"conversion\\|"in
e&&(t.conversion=e.conversion),t)(n)}})),e.exports=s},function(e,t,r){\|"use
strict\|";e.exports={aliceblue:[240,248,255],antiquewhite:[250,235,215],aqua:[0,255,255],aquamarine:[127,255,212
],azure:[240,255,255],beige:[245,245,220],bisque:[255,228,196],black:[0,0,0],blanchedalmond:[255,235,205],blue:[
0,0,255],blueviolet:[138,43,226],brown:[165,42,42],burlywood:[222,184,135],cadetblue:[95,158,160],chartreuse:[12
7,255,0],chocolate:[210,105,30],coral:[255,127,80],cornflowerblue:[100,149,237],cornsilk:[255,248,220],crimson:[
220,20,60],cyan:[0,255,255],darkblue:[0,0,139],darkcyan:[0,139,139],darkgoldenrod:[184,134,11],darkgray:[169,16
9,169],darkgreen:[0,100,0],darkgrey:[169,169,169],darkkhaki:[189,183,107],darkmagenta:[139,0,139],darkolivegre
en:[85,107,47],darkorange:[255,140,0],darkorchid:[153,50,204],darkred:[139,0,0],darksalmon:[233,150,122],darkse
agreen:[143,188,143],darkslateblue:[72,61,139],darkslategray:[47,79,79],darkslategrey:[47,79,79],darkturquoise:[0,
206,209],darkviolet:[148,0,211],deeppink:[255,20,147],deepskyblue:[0,191,255],dimgray:[105,105,105],dimgrey:[1
05,105,105],dodgerblue:[30,144,255],firebrick:[178,34,34],floralwhite:[255,250,240],forestgreen:[34,139,34],fuchsi
a:[255,0,255],gainsboro:[220,220,220],ghostwhite:[248,248,255],gold:[255,215,0],goldenrod:[218,165,32],gray:[12
8,128,128],green:[0,128,0],greenyellow:[173,255,47],grey:[128,128,128],honeydew:[240,255,240],hotpink:[255,10
5,180],indianred:[205,92,92],indigo:[75,0,130],ivory:[255,255,240],khaki:[240,230,140],lavender:[230,230,250],lav
enderblush:[255,240,245],lawngreen:[124,252,0],lemonchiffon:[255,250,205],lightblue:[173,216,230],lightcoral:[24
0,128,128],lightcyan:[224,255,255],lightgoldenrodyellow:[250,250,210],lightgray:[211,211,211],lightgreen:[144,23

```



```

Map([[["n"],["r"],["t"],["b"],["f"],["v"],["v"],["0"],[""],["e"],["a"],["u001b"],["u0007"]]);function
l(e){return"u"===e[0]&&5===e.length/"x"===e[0]&&3===e.length?String.fromCharCode(parseInt(e.slice
(1,16)):o.get(e)|e}function c(e,t){const r=[],n=t.trim().split(/\\s*/g);let i;for(const t of
n)if(isNaN(t)){if(!i=t.match(s))throw new Error(`Invalid Chalk template style argument: ${t} (in style
'${e}')`);r.push(i[2].replace(a,(e,t,r)=>t?l(t):r))}else r.push(Number(t));return r}function p(e){i.lastIndex=0;const
t=[];let r;for(;;null!==(r=i.exec(e))){const e=r[1];if(r[2]){const n=c(e,r[2]);t.push([e].concat(n))}else
t.push([e])}return t}function u(e,t){const r={};for(const e of t)for(const t of
e.styles)r[t[0]]=e.inverse?null:t.slice(1);let n=e;for(const e of Object.keys(r))if(Array.isArray(r[e])){if(!(e in
n))throw new Error(`Unknown Chalk style: \\`+e);n=r[e].length>0?n[e].apply(n,r[e]):n[e]}return
n}e.exports=(e,t)=>{const r=[],i=[];let s=[];if(t.replace(n,(t,n,a,o,c,d)=>{if(n)s.push(l(n));else if(o){const
t=s.join("\\`");s=[],i.push(0===r.length?t:u(e,r)(t)),r.push({inverse:a,styles:p(o)})}else if(c){if(0===r.length)throw
new Error(`Found extraneous } in Chalk template literal`);i.push(u(e,r)(s.join("\\`")),s=[],r.pop()}else
s.push(d)),i.push(s.join("\\`")),r.length>0){const e=`Chalk template literal is missing ${r.length} closing
bracket${1===r.length?`\\`:`\\`s`}`(\\` }\\`);throw new Error(e)}return i.join("\\`")},function(e,t,r){`use
strict`;Object.defineProperty(t,`__esModule`,{value:!0}),t.evaluateTruthy=function(){const
e=this.evaluate();if(e.confident)return!e.value},t.evaluate=function(){const
e={confident:!0,deoptPath:null,seen:new Map};let t=a(this,e);e.confident||(t=void
0);return{confident:e.confident,deopt:e.deoptPath,value:t}};const
n=[`String`,`Number`,`Math`],i=[`random`];function
s(e,t){t.confident&&(t.deoptPath=e,t.confident=!1)}function a(e,t){const{node:r}=e,{seen:l}=t;if(l.has(r)){const
n=l.get(r);return n.resolved?n.value:void s(e,t)}const c={resolved:!1};l.set(r,c);const
p=function(e,t){if(!t.confident)return;const{node:r}=e;if(e.isSequenceExpression()){const
r=e.get(`expressions`);return a(r[r.length-
1],t)}if(e.isStringLiteral()||e.isNumericLiteral()||e.isBooleanLiteral())return r.value;if(e.isNullLiteral())return
null;if(e.isTemplateLiteral())return
o(e,r.quasis,t);if(e.isTaggedTemplateExpression()&&e.get(`tag`).isMemberExpression()){const
n=e.get(`tag.object`),{node:{name:i}}=n,s=e.get(`tag.property`);if(n.isIdentifier()&&`String`===i&&!
e.scope.getBinding(i,!0)&&s.isIdentifier()&&`raw`===s.node.name)return
o(e,r.quasi.quasis,t,!0)}if(e.isConditionalExpression()){const r=a(e.get(`test`),t);if(!t.confident)return;return
a(r?e.get(`consequent`):e.get(`alternate`),t)}if(e.isExpressionWrapper())return
a(e.get(`expression`),t);if(e.isMemberExpression()&&!e.parentPath.isCallExpression({callee:r}))const
t=e.get(`property`),r=e.get(`object`);if(r.isLiteral()&&t.isIdentifier()){const e=r.node.value,n=typeof
e;if(`number`===n||`string`===n)return e[t.node.name]}if(e.isReferencedIdentifier()){const
n=e.scope.getBinding(r.name);if(n&&n.constantViolations.length>0)return
s(n.path,t);if(n&&e.node.start<n.path.node.end)return s(n.path,t);if(null===n?void 0:n.hasValue)return
n.value;if(`undefined`===r.name)return n?s(n.path,t):void 0;if(`Infinity`===r.name)return
n?s(n.path,t):1/0;if(`NaN`===r.name)return n?s(n.path,t):NaN;const i=e.resolve();return
i===e?s(e,t):a(i,t)}if(e.isUnaryExpression({prefix:!0}){if(`void`===r.operator)return;const
n=e.get(`argument`);if(`typeof`===r.operator&&(n.isFunction()||n.isClass()))return`function`;const
i=a(n,t);if(!t.confident)return;switch(r.operator){case`!`:return!i;case`+`:return+i;case`-`:return-
i;case`~`:return~i;case`typeof`:return typeof i}}if(e.isArrayExpression()){const
r=[],n=e.get(`elements`);for(const e of n){const n=e.evaluate();if(!n.confident)return
s(n.deopt,t);r.push(n.value)}return r}if(e.isObjectExpression()){const r={},n=e.get(`properties`);for(const e of
n){if(e.isObjectMethod()||e.isSpreadElement())return s(e,t);let
n=e.get(`key`);if(e.node.computed){if(n=n.evaluate(),!n.confident)return s(n.deopt,t);n=n.value}else
n=n.isIdentifier()?n.node.name:n.node.value;let i=e.get(`value`).evaluate();if(!i.confident)return
s(i.deopt,t);i=i.value,r[n]=i}return r}if(e.isLogicalExpression()){const

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n=t.confident,i=a(e.get("\\left\\"),t),s=t.confident;t.confident=n;const
o=a(e.get("\\right\\"),t),l=t.confident;switch(r.operator){case\\"/\\":if(t.confident=s&&(l||l),!t.confident)return;ret
urn i||o;case\\"&&\\":if(t.confident=s&&(l||l),!t.confident)return;return i&&o}if(e.isBinaryExpression()){const
n=a(e.get("\\left\\"),t);if(!t.confident)return;const
i=a(e.get("\\right\\"),t);if(!t.confident)return;switch(r.operator){case\\"-\\":return n-i;case\\"+\\":return
n+i;case\\"^\\":return n/i;case\\"*\\":return n*i;case\\"%\\":return n%i;case\\"**\\":return
Math.pow(n,i);case\\"<\\":return n<i;case\\">\\":return n>i;case\\"<=\\":return n<=i;case\\">=\\":return
n>=i;case\\"==\\":return n==i;case\\"!=\\":return n!=i;case\\"===\\":return n===i;case\\"!==\\":return
n!==i;case\\"|\\":return n|i;case\\"&\\":return n&i;case\\"^\\":return n^i;case\\"<<\\":return
n<<i;case\\">>\\":return n>>i;case\\">>>\\":return n>>>i}}if(e.isCallExpression()){const s=e.get("\\callee\\");let
o,l;if(s.isIdentifier())&&!e.scope.getBinding(s.node.name,!0)&&n.indexOf(s.node.name)>=0&&(l=global[r.callee.na
me]),s.isMemberExpression()){const
e=s.get("\\object\\"),t=s.get("\\property\\");if(e.isIdentifier())&&t.isIdentifier())&&n.indexOf(e.node.name)>=0&&
i.indexOf(t.node.name)<0&&(o=global[e.node.name],l=o[t.node.name]),e.isLiteral())&&t.isIdentifier()){const
r=typeof e.node.value;\\string\\"!==(r&&"number\\"!==(r||o=e.node.value,l=o[t.node.name]))}if(l){const
r=e.get("\\arguments\\").map(e=>a(e,t));if(!t.confident)return;return l.apply(o,r)}s(e,t)}(e,t);return
t.confident&&(c.resolved=!0,c.value=p),p}}function o(e,t,r,n=!1){let i=\\\\"\\",s=0;const
o=e.get("\\expressions\\");for(const e of t){if(!r.confident)break;i+=n?e.value.raw:e.value.cooked;const
t=o[s++];t&&(i+=String(a(t,r)))}if(r.confident)return i}},function(e,t,r){\\\\"use
strict\\";Object.defineProperty(t,\\\\"__esModule\\",{value:!0}),t.toComputedKey=function(){const e=this.node;let
t;if(this.isMemberExpression())t=e.property;else{if(!this.isProperty())&&!this.isMethod()throw new
ReferenceError(\\\\"todo\\");t=e.key}e.computed|i.isIdentifier(t)&&(t=i.stringLiteral(t.name));return
t},t.ensureBlock=function(){const e=this.get("\\body\\"),t=e.node;if(Array.isArray(e))throw new Error(\\\\"Can't
convert array path to a block statement\\");if(!t)throw new Error(\\\\"Can't convert node without a
body\\");if(e.isBlockStatement())return t;const r=[];let
n,s,a=\\\\"body\\";e.isStatement?(s=\\\\"body\\" ,n=0,r.push(e.node)):(a+=\\\\".body.0\\",this.isFunction)?(n=\\\\"arg
ument\\",r.push(i.returnStatement(e.node))):(n=\\\\"expression\\",r.push(i.expressionStatement(e.node)));this.node
body=i.blockStatement(r);const o=this.get(a);return
e.setup(o,s?o.node[s]:o.node,s,n),this.node},t.arrowFunctionToShadowed=function(){if(!this.isArrowFunctionExpre
ssion())return;this.arrowFunctionToExpression(),t.unwrapFunctionEnvironment=function(){if(!this.isArrowFunci
onExpression())&&!this.isFunctionExpression())&&!this.isFunctionDeclaration()throw
this.buildCodeFrameError(\\\\"Can only unwrap the environment of a
function.\\");o(this)},t.arrowFunctionToExpression=function({allowInsertArrow:e=!0,specCompliant:t=!1}={}){if(
!this.isArrowFunctionExpression())throw this.buildCodeFrameError(\\\\"Cannot convert non-arrow function to a
function expression.\\");const r=o(this,t,e);if(this.ensureBlock(),this.node.type=\\\\"FunctionExpression\\",t){const
e=r?null:this.parentPath.scope.generateUidIdentifier(\\\\"arrowCheckId\\");e&&this.parentPath.scope.push({id:e,init
:i.objectExpression([])},this.get("\\body\\").unshiftContainer(\\\\"body\\",i.expressionStatement(i.callExpression(t
his.hub.addHelper(\\\\"newArrowCheck\\"),[i.thisExpression(),e?i.identifier(e.name):i.identifier(r)]))),this.replaceWi
th(i.callExpression(i.memberExpression((0,s.default)(this,!0)||this.node,i.identifier(\\\\"bind\\")),[e?i.identifier(e.nam
e):i.thisExpression()])))}};var n,i=function(e){if(e&&e.__esModule)return e;if(null===e||\\\\"object\\"!=typeof
e&&\\\\"function\\"!=typeof e)return{default:e};var t=a();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get|s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0)),s=(n=r(356))&&n.__esModule?n:{default:n};function a(){if(\\\\"function\\"!=typeof
WeakMap)return null;var e=new WeakMap;return a=function(){return e},e}function o(e,t=!1,r=!0){const
n=e.findParent(e=>e.isFunction())&&!e.isArrowFunctionExpression()||e.isProgram()||e.isClassProperty({static:!1}),
s=\\\\"constructor\\"===n?(null===n?void 0:n.node.kind);if(n.isClassProperty())throw

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e.buildCodeFrameError(\\\\"Unable to transform arrow inside class
property\\\\"");const{ thisPaths:a,argumentsPaths:o,newTargetPaths:p,superProps:u,superCalls:d}=function(e){ const
t=[],r=[],n=[],i=[],s=[];return
e.traverse({ ClassProperty(e){e.skip()},Function(e){e.isArrowFunctionExpression()||e.skip()},ThisExpression(e){t.p
ush(e)},JSXIdentifier(e){\\\\"this\\\\"===e.node.name&&(e.parentPath.isJSXMemberExpression({ object:e.node})||e.p
arentPath.isJSXOpeningElement({ name:e.node}))&&t.push(e)},CallExpression(e){e.get(\\\\"callee\\\\"").isSuper()&&
s.push(e)},MemberExpression(e){e.get(\\\\"object\\\\"").isSuper()&&i.push(e)},ReferencedIdentifier(e){\\\\"arguments\
\\\\"===e.node.name&&r.push(e)},MetaProperty(e){e.get(\\\\"meta\\\\"").isIdentifier({ name:\\\\"new\\\\"})&&e.get(\\\\"pr
operty\\\\"").isIdentifier({ name:\\\\"target\\\\"})&&n.push(e)}},{ thisPaths:t,argumentsPaths:r,newTargetPaths:n,superP
rops:i,superCalls:s})(e);if(s&&d.length>0){if(!r)throw d[0].buildCodeFrameError(\\\\"Unable to handle nested
super() usage in arrow\\\\"");const
e=[];n.traverse({ Function(e){e.isArrowFunctionExpression()||e.skip()},ClassProperty(e){e.skip()},CallExpression(t)
{t.get(\\\\"callee\\\\"").isSuper()&&e.push(t)});const t=function(e){return c(e,\\\\"supercall\\\\"",()=>{ const
t=e.scope.generateUidIdentifier(\\\\"args\\\\"");return
i.arrowFunctionExpression([i.restElement(t),i.callExpression(i.super(),[i.spreadElement(i.identifier(t.name))])])})(
n);e.forEach(e=>{ const
r=i.identifier(t);r.loc=e.node.callee.loc,e.get(\\\\"callee\\\\"").replaceWith(r)});if(o.length>0){ const
e=c(n,\\\\"arguments\\\\"",()=>i.identifier(\\\\"arguments\\\\""));o.forEach(t=>{ const
r=i.identifier(e);r.loc=t.node.loc,t.replaceWith(r)});if(p.length>0){ const
e=c(n,\\\\"newtarget\\\\"",()=>i.metaProperty(i.identifier(\\\\"new\\\\""),i.identifier(\\\\"target\\\\"")));p.forEach(t=>{ const
r=i.identifier(e);r.loc=t.node.loc,t.replaceWith(r)});if(u.length>0){ if(!r)throw u[0].buildCodeFrameError(\\\\"Unable
to handle nested super.prop
usage\\\\"");u.reduce((e,t)=>e.concat(function(e){if(e.parentPath.isAssignmentExpression()&&\\\\"=\\\\"!===e.parentPat
h.node.operator){ const t=e.parentPath,r=t.node.operator.slice(0,-
1),n=t.node.right;if(t.node.operator=\\\\"=\\\\"",e.node.computed){ const
s=e.scope.generateDeclaredUidIdentifier(\\\\"tmp\\\\"");t.get(\\\\"left\\\\"").replaceWith(i.memberExpression(e.node.objec
t,i.assignmentExpression(\\\\"=\\\\"",s,e.node.property),!0)),t.get(\\\\"right\\\\"").replaceWith(i.binaryExpression(r,i.memb
erExpression(e.node.object,i.identifier(s.name),!0),n))}else
t.get(\\\\"left\\\\"").replaceWith(i.memberExpression(e.node.object,e.node.property)),t.get(\\\\"right\\\\"").replaceWith(i.bi
naryExpression(r,i.memberExpression(e.node.object,i.identifier(e.node.property.name)),n));return[t.get(\\\\"left\\\\""),t.
get(\\\\"right\\\\"").get(\\\\"left\\\\"")]}if(e.parentPath.isUpdateExpression()){ const
t=e.parentPath,r=e.scope.generateDeclaredUidIdentifier(\\\\"tmp\\\\""),n=e.node.computed?e.scope.generateDeclaredU
idIdentifier(\\\\"prop\\\\""):null,s=[i.assignmentExpression(\\\\"=\\\\"",r,i.memberExpression(e.node.object,n?i.assignment
Expression(\\\\"=\\\\"",n,e.node.property):e.node.property,e.node.computed),i.assignmentExpression(\\\\"=\\\\"",i.memb
erExpression(e.node.object,n?i.identifier(n.name):e.node.property,e.node.computed),i.binaryExpression(\\\\"+\\\\"",i.ide
ntifier(r.name),i.numericLiteral(1)))];e.parentPath.node.prefix||s.push(i.identifier(r.name)),t.replaceWith(i.sequence
Expression(s));const
a=t.get(\\\\"expressions.0.right\\\\""),o=t.get(\\\\"expressions.1.left\\\\"");return[a,o]}return[e]}(t),[]).forEach(e=>{ const
t=e.node.computed?\\\\"\\\\"":e.get(\\\\"property\\\\"").node.name,r=e.parentPath.isAssignmentExpression({ left:e.node}),s
=e.parentPath.isCallExpression({ callee:e.node}),o=function(e,t,r){ return
c(e,`superprop_${t}?\\\\"set\\\\"":\\\\"get\\\\"`:$r\\\\"\\\\""},()=>{ const n=[];let
s;if(r)s=i.memberExpression(i.super(),i.identifier(r));else{ const
t=e.scope.generateUidIdentifier(\\\\"prop\\\\"");n.unshift(t),s=i.memberExpression(i.super(),i.identifier(t.name),!0)}if(t
){ const
t=e.scope.generateUidIdentifier(\\\\"value\\\\"");n.push(t),s=i.assignmentExpression(\\\\"=\\\\"",s,i.identifier(t.name))}retu
rn i.arrowFunctionExpression(n,s)})(n,r,t),l=[];if(e.node.computed&&l.push(e.get(\\\\"property\\\\"").node),r){ const
t=e.parentPath.node.right;l.push(t)}const
p=i.callExpression(i.identifier(o),l);s?(e.parentPath.unshiftContainer(\\\\"arguments\\\\"",i.thisExpression()),e.replace

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With(i.memberExpression(p,i.identifier(\\\\"call\\\\"))),a.push(e.parentPath.get(\\\\"arguments.0\\\\")):r?e.parentPath.re
placeWith(p):e.replaceWith(p)}let h;return(a.length>0|t)&&(h=function(e,t){return
c(e,\\\\"this\\\\" ,r=>{if(!t||!(e))return i.thisExpression();const n=new
WeakSet;e.traverse({Function(e){e.isArrowFunctionExpression()||e.skip()},ClassProperty(e){e.skip()},CallExpressi
on(e){e.get(\\\\"callee\\\\" ).isSuper()&&(n.has(e.node)||n.add(e.node),e.replaceWithMultiple([e.node,i.assignmentEx
pression(\\\\"="\\\\" ,i.identifier(r),i.identifier(\\\\"this\\\\" ))]))}})}(n,s),(!t||s&&l(n))&&(a.forEach(e=>{const
t=e.isJSX()?i.jsxIdentifier(h):i.identifier(h);t.loc=e.node.loc,e.replaceWith(t)},t&&(h=null)),h)function l(e){return
e.isClassMethod()&&!e.parentPath.parentPath.node.superClass}function c(e,t,r){const n=\\\\"binding:\\\\" +t;let
i=e.getData(n);if(!i){const
s=e.scope.generateUidIdentifier(t);i=s.name,e.setData(n,i),e.scope.push({id:s,init:r(i)})}return
i}},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\" ,{value:!0}),t.default=function({node:e,parent:t,scope:r,id:i},a=!
1){if(e.id)return;if(!s.isObjectProperty(t)&&!s.isObjectMethod(t,{kind:\\\\"method\\\\" })|t.computed&&!s.isLiteral(t.
key)){if(s.isVariableDeclarator(t)){if(i=t.id,s.isIdentifier(i)&&!a){const
t=r.parent.getBinding(i.name);if(t&&t.constant&&r.getBinding(i.name)===t)return
e.id=s.cloneNode(i),void(e.id[s.NOT_LOCAL_BINDING]=!0)}else
if(s.isAssignmentExpression(t,{operator:\\\\"="\\\\"}))i=t.left;else if(!i)return}else i=t.key;let
o;i&&s.isLiteral(i)?o=function(e){if(s.isNullLiteral(e))return\\\\"null\\\\";if(s.isRegExpLiteral(e))return`_${e.pattern}
_${e.flags}`;if(s.isTemplateLiteral(e))return e.quasis.map(e=>e.value.raw).join(\\\\"\\\\" );if(void 0!===e.value)return
e.value+\\\\"\\\\" ;return\\\\"\\\\" }(i):i&&s.isIdentifier(i)&&(o=i.name);if(void 0===o)return;return
o=s.toBindingIdentifierName(o),(i=s.identifier(o))[s.NOT_LOCAL_BINDING]=!0,function(e,t,r,i){if(e.selfReferen
ce){if(!i.hasBinding(r.name)||i.hasGlobal(r.name)){if(!s.isFunction(t))return;let e=!t.generator&&(e=c);const
a=e({FUNCTION:t,FUNCTION_ID:r,FUNCTION_KEY:i.generateUidIdentifier(r.name)}).expression,o=a.callee.b
ody.body[0].params;for(let e=0,r=(0,n.default)(t);e<r;e++)o.push(i.generateUidIdentifier(\\\\"x\\\\" ));return
a}.rename(r.name)}t.id=r,i.getProgramParent().references[r.name]=!0}(function(e,t,r){const
n={selfAssignment:!1,selfReference:!1,outerDeclar:r.getBindingIdentifier(t),references:[],name:t},i=r.getOwnBindi
ng(t);i?\\\\"param\\\\" ===i.kind&&(n.selfReference=!0):(n.outerDeclar|r.hasGlobal(t))&&r.traverse(e,p,n);return
n}(e,o,r),e,i,r)||e};var n=o(r(357)),i=o(r(358)),s=function(e){if(e&&e.__esModule)return
e;if(null===e||\\\\"object\\\\" !=typeof e&&\\\\"function\\\\" !=typeof e)return{default:e};var t=a();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get|s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(20));function a(){if(\\\\"function\\\\" !=typeof WeakMap)return null;var e=new
WeakMap;return a=function(){return e},e}function o(e){return e&&e.__esModule?e:{default:e}}const
l=(0,i.default)(\\\\"\\\\"n function (FUNCTION_KEY) {\\\\"n function FUNCTION_ID() {\\\\"n return
FUNCTION_KEY.apply(this, arguments);\\\\"n }\\\\"n\\\\"n FUNCTION_ID.toString = function () {\\\\"n return
FUNCTION_KEY.toString();\\\\"n }\\\\"n\\\\"n return FUNCTION_ID;\\\\"n
})(FUNCTION)\\\\"n\\\\"",c=(0,i.default)(\\\\"\\\\"n function (FUNCTION_KEY) {\\\\"n function* FUNCTION_ID()
{\\\\"n return yield* FUNCTION_KEY.apply(this, arguments);\\\\"n }\\\\"n\\\\"n FUNCTION_ID.toString =
function () {\\\\"n return FUNCTION_KEY.toString();\\\\"n };\\\\"n\\\\"n return FUNCTION_ID;\\\\"n
})(FUNCTION)\\\\"n\\\\"",p={\\\\"ReferencedIdentifier|BindingIdentifier\\\\"(e,t){if(e.node.name!==t.name)return;e.sco
pe.getBindingIdentifier(t.name)===t.outerDeclar&&(t.selfReference=!0,e.stop())}},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\" ,{value:!0}),t.default=function(e){const t=e.params;for(let
e=0;e<t.length;e++){const r=t[e];if(n.isAssignmentPattern(r)||n.isRestElement(r))return e}return t.length};var
n=function(e){if(e&&e.__esModule)return e;if(null===e||\\\\"object\\\\" !=typeof e&&\\\\"function\\\\" !=typeof
e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var

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a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(20));function i(){if(\\\\"function\\"!=typeof WeakMap)return null;var e=new
WeakMap;return i=function(){return e},e},function(e,t,r){\\\\"use
strict\\"";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),t.default=t.program=t.expression=t.statements=t.stat
ement=t.smart=void 0;var n,i=function(e){if(e&&e.__esModule)return e;if(null===e||\\"object\\"!=typeof
e&&\\\\"function\\"!=typeof e)return {default:e};var t=a();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(359)),s=(n=r(360))&&n.__esModule?n:{default:n};function a(){if(\\\\"function\\"!=typeof
WeakMap)return null;var e=new WeakMap;return a=function(){return e},e}const
o=(0,s.default)(i.smart);t.smart=o;const l=(0,s.default)(i.statement);t.statement=l;const
c=(0,s.default)(i.statements);t.statements=c;const p=(0,s.default)(i.expression);t.expression=p;const
u=(0,s.default)(i.program);t.program=u;var d=Object.assign(o.bind(void
0),{smart:o,statement:l,statements:c,expression:p,program:u,ast:o.ast});t.default=d},function(e,t,r){\\\\"use
strict\\"";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),t.program=t.expression=t.statement=t.statements=t.s
mart=void 0;var n=function(e){if(e&&e.__esModule)return e;if(null===e||\\"object\\"!=typeof
e&&\\\\"function\\"!=typeof e)return {default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(20));function i(){if(\\\\"function\\"!=typeof WeakMap)return null;var e=new
WeakMap;return i=function(){return e},e}function s(e){return {code:e=>\\\\"/* @babel/template
*/;\\\\"n\\\\"+e,validate:()=>>{}},unwrap:t=>e(t.program.body.slice(1))}const
a=s(e=>e.length>1?e:e[0]);t.smart=a;const o=s(e=>e);t.statements=o;const l=s(e=>{if(0===e.length)throw new
Error(\\\\"Found nothing to return.\\\\"");if(e.length>1)throw new Error(\\\\"Found multiple statements but wanted
one\\\\"");return e[0]});t.statement=l;const
c={code:e=>`\\\\"n${e}\\\\"n`,validate:e=>{if(e.program.body.length>1)throw new Error(\\\\"Found multiple
statements but wanted one\\\\"");if(0===c.unwrap(e).start)throw new Error(\\\\"Parse result included
parens.\\\\"")},unwrap:({program:e})=>{const[t]=e.body;return
n.assertExpressionStatement(t,t.expression)};t.expression=c;t.program={code:e=>e,validate:()=>>{}},unwrap:e=>e.p
rogram}},function(e,t,r){\\\\"use strict\\"";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),t.default=function
e(t,r){const a=new WeakMap,c=new WeakMap,p=r||(0,n.validate)(null);return
Object.assign((r,...o)=>{if(\\\\"string\\"==typeof r){if(o.length>1)throw new Error(\\\\"Unexpected extra
params.\\\\"");return l((0,i.default)(t,r,(0,n.merge)(p,(0,n.validate)(o[0])))})if(Array.isArray(r)){let e=a.get(r);return
e||(e=(0,s.default)(t,r,p),a.set(r,e)),l(e(o))}if(\\\\"object\\"==typeof r&&r){if(o.length>0)throw new
Error(\\\\"Unexpected extra params.\\\\"");return e(t,(0,n.merge)(p,(0,n.validate)(r)))}throw new Error(\\\\"Unexpected
template param \\\\"+typeof r)},{ast:(e,...r)=>{if(\\\\"string\\"==typeof e){if(r.length>1)throw new
Error(\\\\"Unexpected extra
params.\\\\"");return(0,i.default)(t,e,(0,n.merge)((0,n.merge)(p,(0,n.validate)(r[0])),o)}()if(Array.isArray(e)){let
i=c.get(e);return i||(i=(0,s.default)(t,e,(0,n.merge)(p,o)),c.set(e,i),i(r))}throw new Error(\\\\"Unexpected template
param \\\\"+typeof e)}}};var n=r(59),i=a(r(361)),s=a(r(363));function a(e){return
e&&e.__esModule?e:{default:e}}const o=(0,n.validate)({placeholderPattern:!1});function l(e){let
t=\\\\"\\\\";try{throw new Error}catch(e){e.stack&&(t=e.stack.split(\\\\"\\\\"n\\\\"").slice(3).join(\\\\"\\\\"n\\\\""))}return
r=>{try{return e(r)}catch(e){throw e.stack+=\\\\"\\\\"n  =====\\\\"n\\\\"+t,e}}},function(e,t,r){\\\\"use
strict\\"";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),t.default=function(e,t,r){let a;return
t=e.code(t),o=>{const l=(0,n.normalizeReplacements)(o);return
a||(a=(0,i.default)(e,t,r),e.unwrap((0,s.default)(a,l))};var n=r(59),i=a(r(127)),s=a(r(128));function a(e){return

```



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e&&e.__esModule?:e:{ default:e }},function(e,t,r){|||"use
strict|";Object.defineProperty(t,|||"__esModule|",{ value:!0});class n{constructor(e,t={}){ this.label=void
0,this.keyword=void 0,this.beforeExpr=void 0,this.startsExpr=void 0,this.rightAssociative=void 0,this.isLoop=void
0,this.isAssign=void 0,this.prefix=void 0,this.postfix=void 0,this.binop=void 0,this.updateContext=void
0,this.label=e,this.keyword=t.keyword,this.beforeExpr=!t.beforeExpr,this.startsExpr=!t.startsExpr,this.rightAssociative=!t.rightAssociative,this.isLoop=!t.isLoop,this.isAssign=!t.isAssign,this.prefix=!t.prefix,this.postfix=!t.postfix,this.binop=null!=t.binop?t.binop:null,this.updateContext=null}}const i=new Map;function
s(e,t={}){t.keyword=e;const r=new n(e,t);return i.set(e,r),r}function a(e,t){return new
n(e,{beforeExpr:!0,binop:t})}const o={ num:new n(|||"num|",{ startsExpr:!0}),bigint:new
n(|||"bigint|",{ startsExpr:!0}),decimal:new n(|||"decimal|",{ startsExpr:!0}),regexp:new
n(|||"regexp|",{ startsExpr:!0}),string:new n(|||"string|",{ startsExpr:!0}),name:new
n(|||"name|",{ startsExpr:!0}),privateName:new n(|||"#name|",{ startsExpr:!0}),eof:new
n(|||"eof|"),bracketL:new n(|||"["|",{ beforeExpr:!0,startsExpr:!0}),bracketHashL:new
n(|||"#[|",{ beforeExpr:!0,startsExpr:!0}),bracketBarL:new n(|||"["|",{ beforeExpr:!0,startsExpr:!0}),bracketR:new
n(|||"]|"),bracketBarR:new n(|||"]"|"),bracketHashR:new n(|||"#]|",{ beforeExpr:!0,startsExpr:!0}),bracketBarR:new
n(|||"]|"),braceL:new n(|||"{"|",{ beforeExpr:!0,startsExpr:!0}),braceBarL:new
n(|||"{"|",{ beforeExpr:!0,startsExpr:!0}),braceHashL:new n(|||"#{|",{ beforeExpr:!0,startsExpr:!0}),braceR:new
n(|||"}"|"),braceBarR:new n(|||"}"|"),parenL:new n(|||"("|",{ beforeExpr:!0,startsExpr:!0}),parenR:new
n(|||")"|"),comma:new n(|||","|",{ beforeExpr:!0}),semi:new n(|||";"|",{ beforeExpr:!0}),colon:new
n(|||":"|",{ beforeExpr:!0}),doubleColon:new n(|||":|"|",{ beforeExpr:!0}),dot:new n(|||"."|"),question:new
n(|||"?"|",{ beforeExpr:!0}),questionDot:new n(|||"?."|"),arrow:new n(|||"=">|"|",{ beforeExpr:!0}),template:new
n(|||"template|"),ellipsis:new n(|||"...|",{ beforeExpr:!0}),backQuote:new
n(|||"`|",{ startsExpr:!0}),dollarBraceL:new n(|||"${|",{ beforeExpr:!0,startsExpr:!0}),at:new n(|||"@"|"),hash:new
n(|||"#|",{ startsExpr:!0}),interpreterDirective:new n(|||"#!...|"),eq:new
n(|||"="|",{ beforeExpr:!0,isAssign:!0}),assign:new n(|||"_"|",{ beforeExpr:!0,isAssign:!0}),incDec:new n(|||"++/--
|",{ prefix:!0,postfix:!0,startsExpr:!0}),bang:new n(|||"!"|",{ beforeExpr:!0,prefix:!0,startsExpr:!0}),tilde:new
n(|||"~|",{ beforeExpr:!0,prefix:!0,startsExpr:!0}),pipeline:a(|||">|"|,0),nullishCoalescing:a(|||"??|"|,1),logicalOR:
a(|||"|||"|,1),logicalAND:a(|||"&&"|,2),bitwiseOR:a(|||"|||"|,3),bitwiseXOR:a(|||"^|"|,4),bitwiseAND:a(|||"&"|,5),
equality:a(|||"==/!=/===/!==|"|,6),relational:a(|||"</><=>="|,7),bitShift:a(|||"<<>>|"|,8),plusMin:new
n(|||" +/-|"|",{ beforeExpr:!0,binop:9,prefix:!0,startsExpr:!0}),modulo:new
n(|||"%"|",{ beforeExpr:!0,binop:10,startsExpr:!0}),star:new
n(|||"*"|",{ binop:10}),slash:a(|||"\/|"|,10),exponent:new
n(|||"**|"|",{ beforeExpr:!0,binop:11,rightAssociative:!0}),_break:s(|||"break|"),_case:s(|||"case|",{ beforeExpr:!0
}),_catch:s(|||"catch|"),_continue:s(|||"continue|"),_debugger:s(|||"debugger|"),_default:s(|||"default|",{ beforeExpr:
!0}),_do:s(|||"do|",{ isLoop:!0,beforeExpr:!0}),_else:s(|||"else|",{ beforeExpr:!0}),_finally:s(|||"finally|"),_for:
s(|||"for|",{ isLoop:!0}),_function:s(|||"function|",{ startsExpr:!0}),_if:s(|||"if|"),_return:s(|||"return|",{ beforeExpr:
!0}),_switch:s(|||"switch|"),_throw:s(|||"throw|",{ beforeExpr:!0,prefix:!0,startsExpr:!0}),_try:s(|||"try|"),_var
:s(|||"var|"),_const:s(|||"const|"),_while:s(|||"while|",{ isLoop:!0}),_with:s(|||"with|"),_new:s(|||"new|",{ beforeExpr:
!0,startsExpr:!0}),_this:s(|||"this|",{ startsExpr:!0}),_super:s(|||"super|",{ startsExpr:!0}),_class:s(|||"class|
",{ startsExpr:!0}),_extends:s(|||"extends|",{ beforeExpr:!0}),_export:s(|||"export|"),_import:s(|||"import|",{ starts
Expr:!0}),_null:s(|||"null|",{ startsExpr:!0}),_true:s(|||"true|",{ startsExpr:!0}),_false:s(|||"false|",{ startsExpr:!0
}),_in:s(|||"in|",{ beforeExpr:!0,binop:7}),_instanceof:s(|||"instanceof|",{ beforeExpr:!0,binop:7}),_typeof:s(|||"type
of|",{ beforeExpr:!0,prefix:!0,startsExpr:!0}),_void:s(|||"void|",{ beforeExpr:!0,prefix:!0,startsExpr:!0}),_delete:s(
|||"delete|",{ beforeExpr:!0,prefix:!0,startsExpr:!0}),l=/\r\n?|\u2028|\u2029/,c=new
RegExp(l.source,|||"g|");function p(e){ switch(e){ case 10:case 13:case 8232:case
8233:return!0;default:return!1 }}const u=(?:\s+|[\\]|\/.*|\\\/[\^*?|\/]*\/)/g;function d(e){ switch(e){ case
9:case 11:case 12:case 32:case 160:case 5760:case 8192:case 8193:case 8194:case 8195:case 8196:case 8197:case
8198:case 8199:case 8200:case 8201:case 8202:case 8239:case 8287:case 12288:case
65279:return!0;default:return!1 }}class h{ constructor(e,t){ this.line=void 0,this.column=void

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0,this.line=e,this.column=t}}class f{constructor(e,t){this.start=void 0,this.end=void 0,this.filename=void
0,this.identifierName=void 0,this.start=e,this.end=t}}function m(e){return e[e.length-1]}const
y=Object.freeze({SyntaxError:\""BABEL_PARSER_SYNTAX_ERROR\"\",SourceTypeModuleError:\""BABEL_
PARSER_SOURCETYPE_MODULE_REQUIRED\"\"}),T=g({AccessorIsGenerator:\""A %0ter cannot be a
generator.\"\",ArgumentsInClass:\""arguments' is only allowed in functions and class
methods.\"\",AsyncFunctionInSingleStatementContext:\""Async functions can only be declared at the top level or
inside a block.\"\",AwaitBindingIdentifier:\""Can not use 'await' as identifier inside an async
function.\"\",AwaitBindingIdentifierInStaticBlock:\""Can not use 'await' as identifier inside a static
block.\"\",AwaitExpressionFormalParameter:\""await' is not allowed in async function
parameters.\"\",AwaitNotInAsyncContext:\""await' is only allowed within async functions and at the top levels of
modules.\"\",AwaitNotInAsyncFunction:\""await' is only allowed within async functions.\"\",BadGetterArity:\""A
'get' accessor must not have any formal parameters.\"\",BadSetterArity:\""A 'set' accessor must have exactly one
formal parameter.\"\",BadSetterRestParameter:\""A 'set' accessor function argument must not be a rest
parameter.\"\",ConstructorClassField:\""Classes may not have a field named
'constructor'.\"\",ConstructorClassPrivateField:\""Classes may not have a private field named
'#constructor'.\"\",ConstructorIsAccessor:\""Class constructor may not be an
accessor.\"\",ConstructorIsAsync:\""Constructor can't be an async
function.\"\",ConstructorIsGenerator:\""Constructor can't be a generator.\"\",DeclarationMissingInitializer:\""%0'
require an initialization value.\"\",DecoratorBeforeExport:\""Decorators must be placed *before* the 'export'
keyword. You can set the 'decoratorsBeforeExport' option to false to use the 'export @decorator class {}'
syntax.\"\",DecoratorConstructor:\""Decorators can't be used with a constructor. Did you mean '@dec class { ...
}'?\"\",DecoratorExportClass:\""Using the export keyword between a decorator and a class is not allowed. Please
use `export @dec class` instead.\"\",DecoratorSemicolon:\""Decorators must not be followed by a
semicolon.\"\",DecoratorStaticBlock:\""Decorators can't be used with a static
block.\"\",DeletePrivateField:\""Deleting a private field is not allowed.\"\",DestructureNamedImport:\""ES2015
named imports do not destructure. Use another statement for destructuring after the
import.\"\",DuplicateConstructor:\""Duplicate constructor in the same class.\"\",DuplicateDefaultExport:\""Only one
default export allowed per module.\"\",DuplicateExport:\""%0` has already been exported. Exported identifiers
must be unique.\"\",DuplicateProto:\""Redefinition of __proto__ property.\"\",DuplicateRegExpFlags:\""Duplicate
regular expression flag.\"\",ElementAfterRest:\""Rest element must be last
element.\"\",EscapedCharNotAnIdentifier:\""Invalid Unicode escape.\"\",ExportBindingIsString:\""A string literal
cannot be used as an exported binding without `from`.\\n- Did you mean `export { '%0' as '%1' } from 'some-
module'?\"\",ExportDefaultFromAsIdentifier:\""from' is not allowed as an identifier after 'export
default'.\"\",ForInOfLoopInitializer:\""%0' loop variable declaration may not have an
initializer.\"\",ForOfAsync:\""The left-hand side of a for-of loop may not be 'async'.\"\",ForOfLet:\""The left-hand
side of a for-of loop may not start with 'let'.\"\",GeneratorInSingleStatementContext:\""Generators can only be
declared at the top level or inside a block.\"\",IllegalBreakContinue:\""Unsyntactic
%0.\"\",IllegalLanguageModeDirective:\""Illegal 'use strict' directive in function with non-simple parameter
list.\"\",IllegalReturn:\""return' outside of function.\"\",ImportBindingIsString:\""A string literal cannot be used as an
imported binding.\\n- Did you mean `import { %0` as foo
}`?\",ImportCallArgumentTrailingComma:\""Trailing comma is disallowed inside import(...)
arguments.\"\",ImportCallArity:\""import() requires exactly %0.\"\",ImportCallNotNewExpression:\""Cannot use
new with import(...).\"\",ImportCallSpreadArgument:\""...` is not allowed in
`import()`.\"\",InvalidBigIntLiteral:\""Invalid BigIntLiteral.\"\",InvalidCodePoint:\""Code point out of
bounds.\"\",InvalidDecimal:\""Invalid decimal.\"\",InvalidDigit:\""Expected number in radix
%0.\"\",InvalidEscapeSequence:\""Bad character escape sequence.\"\",InvalidEscapeSequenceTemplate:\""Invalid
escape sequence in template.\"\",InvalidEscapedReservedWord:\""Escape sequence in keyword
%0.\"\",InvalidIdentifier:\""Invalid identifier %0.\"\",InvalidLhs:\""Invalid left-hand side in

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%0.\\",InvalidLhsBinding:\\",Binding invalid left-hand side in %0.\\",InvalidNumber:\\",Invalid number.\\",InvalidOrMissingExponent:\\",Floating-point numbers require a valid exponent after the 'e'.\\",InvalidOrUnexpectedToken:\\",Unexpected character '%0'.\\",InvalidParenthesizedAssignment:\\",Invalid parenthesized assignment pattern.\\",InvalidPrivateFieldResolution:\\",Private name #%0 is not defined.\\",InvalidPropertyBindingPattern:\\",Binding member expression.\\",InvalidRecordProperty:\\",Only properties and spread elements are allowed in record definitions.\\",InvalidRestAssignmentPattern:\\",Invalid rest operator's argument.\\",LabelRedeclaration:\\",Label '%0' is already declared.\\",LetInLexicalBinding:\\",let' is not allowed to be used as a name in 'let' or 'const' declarations.\\",LineTerminatorBeforeArrow:\\",No line break is allowed before '=>'.\\",MalformedRegExpFlags:\\",Invalid regular expression flag.\\",MissingClassName:\\",A class name is required.\\",MissingEqInAssignment:\\",Only '=' operator can be used for specifying default value.\\",MissingSemicolon:\\",Missing semicolon.\\",MissingUnicodeEscape:\\",Expecting Unicode escape sequence '\\\\uXXXX'.\\",MixingCoalesceWithLogical:\\",Nullish coalescing operator(??) requires parens when mixing with logical operators.\\",ModuleAttributeDifferentFromType:\\",The only accepted module attribute is `type`.\\",ModuleAttributeInvalidValue:\\",Only string literals are allowed as module attribute values.\\",ModuleAttributesWithDuplicateKeys:\\",Duplicate key '\\\\%0\\' is not allowed in module attributes.',ModuleExportNameHasLoneSurrogate:\\",An export name cannot include a lone surrogate, found '\\\\u%0'.\\",ModuleExportUndefined:\\",Export '%0' is not defined.\\",MultipleDefaultsInSwitch:\\",Multiple default clauses.\\",NewlineAfterThrow:\\",Illegal newline after throw.\\",NoCatchOrFinally:\\",Missing catch or finally clause.\\",NumberIdentifier:\\",Identifier directly after number.\\",NumericSeparatorInEscapeSequence:\\",Numeric separators are not allowed inside unicode escape sequences or hex escape sequences.\\",ObsoleteAwaitStar:\\",await* has been removed from the async functions proposal. Use Promise.all() instead.\\",OptionalChainingNoNew:\\",Constructors in/after an Optional Chain are not allowed.\\",OptionalChainingNoTemplate:\\",Tagged Template Literals are not allowed in optionalChain.\\",OverrideOnConstructor:\\",override' modifier cannot appear on a constructor declaration.\\",ParamDupe:\\",Argument name clash.\\",PatternHasAccessor:\\",Object pattern can't contain getter or setter.\\",PatternHasMethod:\\",Object pattern can't contain methods.\\",PipelineBodyNoArrow:\\",Unexpected arrow '\\\\=>\\' after pipeline body; arrow function in pipeline body must be parenthesized.',PipelineBodySequenceExpression:\\",Pipeline body may not be a comma-separated sequence expression.\\",PipelineHeadSequenceExpression:\\",Pipeline head should not be a comma-separated sequence expression.\\",PipelineTopicUnused:\\",Pipeline is in topic style but does not use topic reference.\\",PrimaryTopicNotAllowed:\\",Topic reference was used in a lexical context without topic binding.\\",PrimaryTopicRequiresSmartPipeline:\\",Primary Topic Reference found but pipelineOperator not passed 'smart' for 'proposal' option.\\",PrivateInExpectedIn:\\",Private names are only allowed in property accesses (obj.#%0) or in `in` expressions (`%0 in obj`).\\",PrivateNameRedeclaration:\\",Duplicate private name #%0.\\",RecordExpressionBarIncorrectEndSyntaxType:\\",Record expressions ending with `}` are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'bar'.\\",RecordExpressionBarIncorrectStartSyntaxType:\\",Record expressions starting with `{` are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'bar'.\\",RecordExpressionHashIncorrectStartSyntaxType:\\",Record expressions starting with `#{` are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'hash'.\\",RecordNoProto:\\",`__proto__` is not allowed in Record expressions.\\",RestTrailingComma:\\",Unexpected trailing comma after rest element.\\",SloppyFunction:\\",In non-strict mode code, functions can only be declared at top level, inside a block, or as the body of an if statement.\\",StaticPrototype:\\",Classes may not have static property named prototype.\\",StrictDelete:\\",Deleting local variable in strict mode.\\",StrictEvalArguments:\\",Assigning to '%0' in strict mode.\\",StrictEvalArgumentsBinding:\\",Binding '%0' in strict mode.\\",StrictFunction:\\",In strict mode code, functions can only be declared at top level or inside a block.\\",StrictNumericEscape:\\",The only valid numeric escape in strict mode is '\\\\0'.\\",StrictOctalLiteral:\\",Legacy octal literals are not allowed in strict mode.\\",StrictWith:\\",with' in strict mode.\\",SuperNotAllowed:\\",`super()` is only valid inside a class

constructor of a subclass. Maybe a typo in the method name ('constructor') or not extending another class?\\",SuperPrivateField:\\\"Private fields can't be accessed on super.\\\",TrailingDecorator:\\\"Decorators must be attached to a class element.\\\",TupleExpressionBarIncorrectEndSyntaxType:\\\"Tuple expressions ending with ']' are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'bar'.\\\",TupleExpressionBarIncorrectStartSyntaxType:\\\"Tuple expressions starting with '[' are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'bar'.\\\",TupleExpressionHashIncorrectStartSyntaxType:\\\"Tuple expressions starting with '#' are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'hash'.\\\",UnexpectedArgumentPlaceholder:\\\"Unexpected argument placeholder.\\\",UnexpectedAwaitAfterPipelineBody:'Unexpected \\\"await\\\" after pipeline body; await must have parentheses in minimal proposal.',UnexpectedDigitAfterHash:\\\"Unexpected digit after hash token.\\\",UnexpectedImportExport:\\\"'import' and 'export' may only appear at the top level.\\\",UnexpectedKeyword:\\\"Unexpected keyword '%0'.\\\",UnexpectedLeadingDecorator:\\\"Leading decorators must be attached to a class declaration.\\\",UnexpectedLexicalDeclaration:\\\"Lexical declaration cannot appear in a single-statement context.\\\",UnexpectedNewTarget:\\\"'new.target` can only be used in functions or class properties.\\\",UnexpectedNumericSeparator:\\\"A numeric separator is only allowed between two digits.\\\",UnexpectedPrivateField:\\\"Private names can only be used as the name of a class element (i.e. class C { #p = 42; #m() { } })\\n or a property of member expression (i.e. this.#p).\\\",UnexpectedReservedWord:\\\"Unexpected reserved word '%0'.\\\",UnexpectedSuper:\\\"'super' is only allowed in object methods and classes.\\\",UnexpectedToken:\\\"Unexpected token '%0'.\\\",UnexpectedTokenUnaryExponentiation:\\\"Illegal expression. Wrap left hand side or entire exponentiation in parentheses.\\\",UnsupportedBind:\\\"Binding should be performed on object property.\\\",UnsupportedDecoratorExport:\\\"A decorated export must export a class declaration.\\\",UnsupportedDefaultExport:\\\"Only expressions, functions or classes are allowed as the `default` export.\\\",UnsupportedImport:\\\"'import` can only be used in `import()` or `import.meta`.\\\",UnsupportedMetaProperty:\\\"The only valid meta property for %0 is %0.%1.\\\",UnsupportedParameterDecorator:\\\"Decorators cannot be used to decorate parameters.\\\",UnsupportedPropertyDecorator:\\\"Decorators cannot be used to decorate object literal properties.\\\",UnsupportedSuper:\\\"'super' can only be used with function calls (i.e. super()) or in property accesses (i.e. super.prop or super[prop]).\\\",UnterminatedComment:\\\"Unterminated comment.\\\",UnterminatedRegExp:\\\"Unterminated regular expression.\\\",UnterminatedString:\\\"Unterminated string constant.\\\",UnterminatedTemplate:\\\"Unterminated template.\\\",VarRedeclaration:\\\"Identifier '%0' has already been declared.\\\",YieldBindingIdentifier:\\\"Can not use 'yield' as identifier inside a generator.\\\",YieldInParameter:\\\"Yield expression is not allowed in formal parameters.\\\",ZeroDigitNumericSeparator:\\\"Numeric separator can not be used after leading 0.\\\"},y.SyntaxError),b=g({ImportMetaOutsideModule:\\\"import.meta may appear only with 'sourceType: \\\"module\\\"\",ImportOutsideModule:\\\"'import' and 'export' may appear only with 'sourceType: \\\"module\\\"\",y.SourceTypeModuleError});function g(e,t){const r={};return Object.keys(e).forEach(n=>{r[n]=Object.freeze({code:t,reasonCode:n,template:e[n]})),Object.freeze(r)}class S{constructor(e,t,r,n){this.token=void 0,this.isExpr=void 0,this.preserveSpace=void 0,this.override=void 0,this.token=e,this.isExpr=!t,this.preserveSpace=!r,this.override=n}const x={braceStatement:new S(\\\"{\\\",!1),braceExpression:new S(\\\"{\\\",!0),recordExpression:new S(\\\"#{\\\",!0),templateQuasi:new S(\\\"\$\\\",!1),parenStatement:new S(\\\"(\\\",!1),parenExpression:new S(\\\"(\\\",!0),template:new S(\\\"`\\\",!0,!0,e=>e.readTplToken()),functionExpression:new S(\\\"function\\\",!0),functionStatement:new S(\\\"function\\\",!1)};o.parenR.updateContext=o.braceR.updateContext=function(){if(1===this.state.context.length)return void(this.state.exprAllowed=!0);let e=this.state.context.pop();e===x.braceStatement&&\\\"function\\\"===this.curContext().token&&(e=this.state.context.pop()),this.state.exprAllowed=!e.isExpr,o.name.updateContext=function(e){let

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t=!1;e!==(o.dot&&((\of\!="!==(this.state.value||this.state.exprAllowed||e===o._function||e===o._class||(t=!0)),this.st
ate.exprAllowed=t},o.braceL.updateContext=function(e){this.state.context.push(this.braceIsBlock(e)?x.braceStatem
ent:x.braceExpression),this.state.exprAllowed=!0},o.dollarBraceL.updateContext=function(){this.state.context.push
(x.templateQuasi),this.state.exprAllowed=!0},o.parenL.updateContext=function(e){const
t=e===o._if||e===o._for||e===o._with||e===o._while;this.state.context.push(t?x.parenStatement:x.parenExpression)
,this.state.exprAllowed=!0},o.incDec.updateContext=function(){},o._function.updateContext=o._class.updateConte
xt=function(e){!e.beforeExpr||e===o.semi||e===o._else||e===o._return&&this.hasPrecedingLineBreak()||(e===o.col
on||e===o.braceL)&&this.curContext()===x.b_stat?this.state.context.push(x.functionStatement):this.state.context.p
ush(x.functionExpression),this.state.exprAllowed=!1},o.backQuote.updateContext=function(){this.curContext()===
x.template?this.state.context.pop():this.state.context.push(x.template),this.state.exprAllowed=!1},o.braceHashL.upd
ateContext=function(){this.state.context.push(x.recordExpression),this.state.exprAllowed=!0};let E=\\u0000-
öø^-----
-----\\",P=\\"-
-----
--\\";const v=new RegExp(\\["\\["+E+\\"]\\"]),A=new RegExp(\\["\\["+E+P+\\"]\\"]);E=P=null;const
w=[0,11,2,25,2,18,2,1,2,14,3,13,35,122,70,52,268,28,4,48,48,31,14,29,6,37,11,29,3,35,5,7,2,4,43,157,19,35,5,35,5,
39,9,51,157,310,10,21,11,7,153,5,3,0,2,43,2,1,4,0,3,22,11,22,10,30,66,18,2,1,11,21,11,25,71,55,7,1,65,0,16,3,2,2,2,
28,43,28,4,28,36,7,2,27,28,53,11,21,11,18,14,17,111,72,56,50,14,50,14,35,349,41,7,1,79,28,11,0,9,21,107,20,28,22,
13,52,76,44,33,24,27,35,30,0,3,0,9,34,4,0,13,47,15,3,22,0,2,0,36,17,2,24,85,6,2,0,2,3,2,14,2,9,8,46,39,7,3,1,3,21,2,6
,2,1,2,4,4,0,19,0,13,4,159,52,19,3,21,2,31,47,21,1,2,0,185,46,42,3,37,47,21,0,60,42,14,0,72,26,230,43,117,63,32,7,3
,0,3,7,2,1,2,23,16,0,2,0,95,7,3,38,17,0,2,0,29,0,11,39,8,0,22,0,12,45,20,0,35,56,264,8,2,36,18,0,50,29,113,6,2,1,2,37
,22,0,26,5,2,1,2,31,15,0,328,18,190,0,80,921,103,110,18,195,2749,1070,4050,582,8634,568,8,30,114,29,19,47,17,3,
32,20,6,18,689,63,129,74,6,0,67,12,65,1,2,0,29,6135,9,1237,43,8,8952,286,50,2,18,3,9,395,2309,106,6,12,4,8,8,9,5
991,84,2,70,2,1,3,0,3,1,3,3,2,11,2,0,2,6,2,64,2,3,3,7,2,6,2,27,2,3,2,4,2,0,4,6,2,339,3,24,2,24,2,30,2,24,2,30,2,24,2,30
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15,7472,3104,541,1507,4938],O=[509,0,227,0,150,4,294,9,1368,2,2,1,6,3,41,2,5,0,166,1,574,3,9,9,370,1,154,10,17
6,2,54,14,32,9,16,3,46,10,54,9,7,2,37,13,2,9,6,1,45,0,13,2,49,13,9,3,2,11,83,11,7,0,161,11,6,9,7,3,56,1,2,6,3,1,3,2,1
0,0,11,1,3,6,4,4,193,17,10,9,5,0,82,19,13,9,214,6,3,8,28,1,83,16,16,9,82,12,9,9,84,14,5,9,243,14,166,9,71,5,2,1,3,3,
2,0,2,1,13,9,120,6,3,6,4,0,29,9,41,6,2,3,9,0,10,10,47,15,406,7,2,7,17,9,57,21,2,13,123,5,4,0,2,1,2,6,2,0,9,9,49,4,2,1,
2,4,9,9,330,3,19306,9,135,4,60,6,26,9,1014,0,2,54,8,3,82,0,12,1,19628,1,5319,4,4,5,9,7,3,6,31,3,149,2,1418,49,513,
54,5,49,9,0,15,0,23,4,2,14,1361,6,2,16,3,6,2,1,2,4,262,6,10,9,419,13,1495,6,110,6,6,9,4759,9,787719,239];function
I(e,t){let r=65536;for(let
n=0,i=t.length;n<i;n+=2){if(r+=t[n],r>e)return!1;if(r+=t[n+1],r>=e)return!0}return!1}function C(e){return
e<65?36===e:e<=90||(e<97?95===e:e<=122||(e<=65535?e>=170&&v.test(String.fromCharCode(e)):I(e,w)))}functi
on N(e){return
e<48?36===e:e<58!(e<65)&&(e<=90||(e<97?95===e:e<=122||(e<=65535?e>=170&&A.test(String.fromCharCode
(e)):I(e,w)||I(e,O)))}const
k=[\\"implements\\",\\"interface\\",\\"let\\",\\"package\\",\\"private\\",\\"protected\\",\\"public\\",\\"static\\",
\\"yield\\",D=[\\"eval\\",\\"arguments\\",_]=new
Set([\\"break\\",\\"case\\",\\"catch\\",\\"continue\\",\\"debugger\\",\\"default\\",\\"do\\",\\"else\\",\\"finally\\",
\\"for\\",\\"function\\",\\"if\\",\\"return\\",\\"switch\\",\\"throw\\",\\"try\\",\\"var\\",\\"const\\",\\"while\\",
\\"with\\",\\"new\\",\\"this\\",\\"super\\",\\"class\\",\\"extends\\",\\"export\\",\\"import\\",\\"null\\",\\"tru
e\\",\\"false\\",\\"in\\",\\"instanceof\\",\\"typeof\\",\\"void\\",\\"delete\\"]);L=new Set(k),M=new
Set(D);function j(e,t){return t&&\\"await\\"===e||\\"enum\\"===e}function F(e,t){return j(e,t)||L.has(e)}function
R(e){return M.has(e)}function B(e,t){return F(e,t)||R(e)}function U(e){return _.has(e)}const
V=/^in(stanceof)?$/;class K{constructor(e){this.flags=void
0,this.var=[],this.lexical=[],this.functions=[],this.flags=e}}class

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q{ constructor(e,t){ this.scopeStack=[],this.undefinedExports=new Map,this.undefinedPrivateNames=new
Map,this.raise=e,this.inModule=t} get inFunction(){ return(2&this.currentVarScope().flags)>0} get
allowSuper(){ return(16&this.currentThisScope().flags)>0} get
allowDirectSuper(){ return(32&this.currentThisScope().flags)>0} get
inClass(){ return(64&this.currentThisScope().flags)>0} get
inStaticBlock(){ return(128&this.currentThisScope().flags)>0} get
inNonArrowFunction(){ return(2&this.currentThisScope().flags)>0} get treatFunctionsAsVar(){ return
this.treatFunctionsAsVarInScope(this.currentScope())} createScope(e){ return new
K(e)} enter(e){ this.scopeStack.push(this.createScope(e))} exit(){ this.scopeStack.pop()} treatFunctionsAsVarInScope(
e){ return!!(2&e.flags||!this.inModule&&1&e.flags)} declareName(e,t,r){ let
n=this.currentScope();if(8&t||16&t)this.checkRedeclarationInScope(n,e,t,r),16&t?n.functions.push(e):n.lexical.push(
e),8&t&&this.maybeExportDefined(n,e);else if(4&t)for(let i=this.scopeStack.length-
1;i>=0&&(n=this.scopeStack[i],this.checkRedeclarationInScope(n,e,t,r),n.var.push(e),this.maybeExportDefined(n,e)
,!(259&n.flags));--
i);this.inModule&&1&n.flags&&this.undefinedExports.delete(e)} maybeExportDefined(e,t){ this.inModule&&1&e.f
lags&&this.undefinedExports.delete(t)} checkRedeclarationInScope(e,t,r,n){ this.isRedeclaredInScope(e,t,r)&&this.r
aise(n,T.VarRedeclaration,t)} isRedeclaredInScope(e,t,r){ return!!(1&r)&&(8&r?e.lexical.indexOf(t)>-
1||e.functions.indexOf(t)>-1||e.var.indexOf(t)>-1:16&r?e.lexical.indexOf(t)>-
1||!this.treatFunctionsAsVarInScope(e)&&e.var.indexOf(t)>-1:e.lexical.indexOf(t)>-
1&&!(8&e.flags&&e.lexical[0]==t)||!this.treatFunctionsAsVarInScope(e)&&e.functions.indexOf(t)>-
1)} checkLocalExport(e){ -1===this.scopeStack[0].lexical.indexOf(e.name)&&-
1===this.scopeStack[0].var.indexOf(e.name)&&-
1===this.scopeStack[0].functions.indexOf(e.name)&&this.undefinedExports.set(e.name,e.start)} currentScope(){ ret
urn this.scopeStack[this.scopeStack.length-1]} currentVarScope(){ for(let e=this.scopeStack.length-1;e--){ const
t=this.scopeStack[e];if(259&t.flags)return t} } currentThisScope(){ for(let e=this.scopeStack.length-1;e--){ const
t=this.scopeStack[e];if((259&t.flags||64&t.flags)&&!(4&t.flags))return t} } class Y extends
K{ constructor(...e){ super(...e),this.declareFunctions=[]} } class W extends q{ createScope(e){ return new
Y(e)} declareName(e,t,r){ const n=this.currentScope();if(2048&t)return
this.checkRedeclarationInScope(n,e,t,r),this.maybeExportDefined(n,e),void
n.declareFunctions.push(e);super.declareName(...arguments)} isRedeclaredInScope(e,t,r){ return!!super.isRedeclared
InScope(...arguments)||!(2048&r)&&(!e.declareFunctions.includes(t)&&(e.lexical.includes(t)||e.functions.includes(t)
)))} checkLocalExport(e){ -
1===this.scopeStack[0].declareFunctions.indexOf(e.name)&&super.checkLocalExport(e)} } const X=new
Set(["_","__","any","boolean","empty","extends","false","interface","mixed",
,"null","number","static","string","true","typeof","void"]);J=g({ AmbiguousConditional
Arrow:|"Ambiguous expression: wrap the arrow functions in parentheses to
disambiguate.",AmbiguousDeclareModuleKind:|"Found both `declare module.exports` and `declare export` in
the same module. Modules can only have 1 since they are either an ES module or they are a CommonJS
module.",AssignReservedType:|"Cannot overwrite reserved type %0.",DeclareClassElement:|"The `declare`
modifier can only appear on class fields.",DeclareClassFieldInitializer:|"Initializers are not allowed in fields with
the `declare` modifier.",DuplicateDeclareModuleExports:|"Duplicate `declare module.exports`
statement.",EnumBooleanMemberNotInitialized:|"Boolean enum members need to be initialized. Use either `%0
= true,` or `%0 = false,` in enum `%1`.",EnumDuplicateMemberName:|"Enum member names need to be
unique, but the name `%0` has already been used before in enum
`%1`.",EnumInconsistentMemberValues:|"Enum `%0` has inconsistent member initializers. Either use no
initializers, or consistently use literals (either booleans, numbers, or strings) for all member
initializers.",EnumInvalidExplicitType:|"Enum type `%1` is not valid. Use one of `boolean`, `number`, `string`,
or `symbol` in enum `%0`.",EnumInvalidExplicitTypeUnknownSupplied:|"Supplied enum type is not valid. Use

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one of `boolean`, `number`, `string`, or `symbol` in enum

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`%0`.\|\|",EnumInvalidMemberInitializerPrimaryType:\|\|"Enum `%0` has type `%2`, so the initializer of `%1` needs to be a %2 literal.\|\|",EnumInvalidMemberInitializerSymbolType:\|\|"Symbol enum members cannot be initialized. Use `%1`, in enum `%0`.\|\|",EnumInvalidMemberInitializerUnknownType:\|\|"The enum member initializer for `%1` needs to be a literal (either a boolean, number, or string) in enum`%0`.\|\|",EnumInvalidMemberName:\|\|"Enum member names cannot start with lowercase 'a' through 'z'. Instead of using `%0`, consider using `%1`, in enum `%2`.\|\|",EnumNumberMemberNotInitialized:\|\|"Number enum members need to be initialized, e.g. `%1 = 1` in enum `%0`.\|\|",EnumStringMemberInconsistentlyInitailized:\|\|"String enum members need to consistently either all use initializers, or use no initializers, in enum`%0`.\|\|",GetterMayNotHaveThisParam:\|\|"A getter cannot have a `this` parameter.\|\|",ImportTypeShorthandOnlyInPureImport:\|\|"The `type` and `typeof` keywords on named imports can only be used on regular `import` statements. It cannot be used with `import type` or `import typeof` statements.\|\|",InexactInsideExact:\|\|"Explicit inexact syntax cannot appear inside an explicit exact object type.\|\|",InexactInsideNonObject:\|\|"Explicit inexact syntax cannot appear in class or interface definitions.\|\|",InexactVariance:\|\|"Explicit inexact syntax cannot have variance.\|\|",InvalidNonTypeImportInDeclareModule:\|\|"Imports within a `declare module` body must always be `import type` or `import typeof`.\|\|",MissingTypeParamDefault:\|\|"Type parameter declaration needs a default, since a preceding type parameter declaration has a default.\|\|",NestedDeclareModule:\|\|"`declare module` cannot be used inside another `declare module`.\|\|",NestedFlowComment:\|\|"Cannot have a flow comment inside another flow comment.\|\|",OptionalBindingPattern:\|\|"A binding pattern parameter cannot be optional in an implementation signature.\|\|",SetterMayNotHaveThisParam:\|\|"A setter cannot have a `this` parameter.\|\|",SpreadVariance:\|\|"Spread properties cannot have variance.\|\|",ThisParamAnnotationRequired:\|\|"A type annotation is required for the `this` parameter.\|\|",ThisParamBannedInConstructor:\|\|"Constructors cannot have a `this` parameter; constructors don't bind `this` like other functions.\|\|",ThisParamMayNotBeOptional:\|\|"The `this` parameter cannot be optional.\|\|",ThisParamMustBeFirst:\|\|"The `this` parameter must be the first function parameter.\|\|",ThisParamNoDefault:\|\|"The `this` parameter may not have a default value.\|\|",TypeBeforeInitializer:\|\|"Type annotations must come before default assignments, e.g. instead of `age = 25: number` use `age: number = 25`.\|\|",TypeCastInPattern:\|\|"The type cast expression is expected to be wrapped with parenthesis.\|\|",UnexpectedExplicitInexactInObject:\|\|"Explicit inexact syntax must appear at the end of an inexact object.\|\|",UnexpectedReservedType:\|\|"Unexpected reserved type`%0`.\|\|",UnexpectedReservedUnderscore:\|\|"`_` is only allowed as a type argument to call or new.\|\|",UnexpectedSpaceBetweenModuloChecks:\|\|"Spaces between `%` and `checks` are not allowed here.\|\|",UnexpectedSpreadType:\|\|"Spread operator cannot appear in class or interface definitions.\|\|",UnexpectedSubtractionOperand:\|\|"Unexpected token, expected \|\|"number\|\|" or \|\|"bigint\|\|`.\|\|",UnexpectedTokenAfterTypeParameter:\|\|"Expected an arrow function after this type parameter declaration.\|\|",UnexpectedTypeParameterBeforeAsyncArrowFunction:\|\|"Type parameters must come after the async keyword, e.g. instead of ` async () => {}`, use `async <T>() => {}`.\|\|",UnsupportedDeclareExportKind:\|\|"`declare export %0` is not supported. Use `%1` instead.\|\|",UnsupportedStatementInDeclareModule:\|\|"Only declares and type imports are allowed inside declare module.\|\|",UnterminatedFlowComment:\|\|"Unterminated flow-comment.\|\|"},y.SyntaxError);function H(e){return\|\|"type\|\|"===e.importKind|\|\|"typeof\|\|"===e.importKind}function G(e){return(e.type===o.name||!e.type.keyword)&&\|\|"from\|\|"!==e.value}const z={const:\|\|"declare export var\|\|",let:\|\|"declare export var\|\|",type:\|\|"export type\|\|",interface:\|\|"export interface\|\|"};const $=/\|\|*\?|\|\|s*@((?:no)?flow)\|\|\|b/;const Q={quot:\|\|"",amp:\|\|"&\|\|",apos:\|\|"'\|\|",lt:\|\|"<\|\|",gt:\|\|">\|\|",nbsp:\|\|" \|\|",iexcl:\|\|"!\|\|",cent:\|\|"¢\|\|",pound:\|\|"£\|\|",curren:\|\|"¤\|\|",yen:\|\|"¥\|\|",brvbar:\|\|"¸\|\|",sect:\|\|"§\|\|",uml:\|\|"¨\|\|",copy:\|\|"©\|\|",ordf:\|\|"ª\|\|",laquo:\|\|"«\|\|",not:\|\|"¬\|\|",shy:\|\|"¸\|\|",reg:\|\|"®\|\|",macr:\|\|"¸\|\|",deg:\|\|"°\|\|",plusmn:\|\|"±\|\|",sup2:\|\|"²\|\|",sup3:\|\|"³\|\|",acute:\|\|"´\|\|",micro:\|\|"µ\|\|",para:\|\|"¶\|\|",middot:\|\|"·\|\|",cedil:\|\|"¸\|\|",sup1:\|\|"¹\|\|",ordm:\|\|"ª\|\|",raquo:\|\|"»\|\|",frac14:\|\|"¼\|\|",frac12
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 ,rang:\|\|⟩\|\|,loz:\|\|◊\|\|,spades:\|\|♠\|\|,clubs:\|\|♣\|\|,hearts:\|\|♥\|\|,diams:\|\|♠\|\|},Z=^/\\da-fA-
 F]+\$/e=^/\\d+\$,te=g({ AttributeIsEmpty:\|\|"JSX attributes must only be assigned a non-empty
 expression.\|\|,MissingClosingTagElement:\|\|"Expected corresponding JSX closing tag for
 <%0>.\|\|,MissingClosingTagFragment:\|\|"Expected corresponding JSX closing tag for
 <>.\|\|,UnexpectedSequenceExpression:\|\|"Sequence expressions cannot be directly nested inside JSX. Did you
 mean to wrap it in parentheses (...)?\|\|,UnsupportedJsxValue:\|\|"JSX value should be either an expression or a
 quoted JSX text.\|\|,UnterminatedJsxContent:\|\|"Unterminated JSX
 contents.\|\|,UnwrappedAdjacentJSXElements:\|\|"Adjacent JSX elements must be wrapped in an enclosing tag. Did
 you want a JSX fragment <>...</>?\|\|},y.SyntaxError);function
 re(e){return!!e&&(\|"JSXOpeningFragment\|\|===e.type\|\|\|\|"JSXClosingFragment\|\|===e.type)}function
 ne(e){if(\|"JSXIdentifier\|\|===e.type)return e.name;if(\|"JSXNamespacedName\|\|===e.type)return
 e.namespace.name+\|\|":\|\|+e.name.name;if(\|"JSXMemberExpression\|\|===e.type)return
 ne(e.object)+\|\|".\|\|"+ne(e.property);throw new Error(\|"Node had unexpected type: \|\|"+e.type)}x.j_oTag=new
 S(\|"<tag\|\|",!1),x.j_cTag=new S(\|"</tag\|\|",!1),x.j_expr=new S(\|"<tag>...</tag>\|\|",!0,!0),o.jsxName=new
 n(\|"jsxName\|\|"),o.jsxText=new n(\|"jsxText\|\|",{beforeExpr:!0}),o.jsxTagStart=new
 n(\|"jsxTagStart\|\|",{startsExpr:!0}),o.jsxTagEnd=new
 n(\|"jsxTagEnd\|\|"),o.jsxTagStart.updateContext=function(){this.state.context.push(x.j_expr),this.state.context.push
 (x.j_oTag),this.state.exprAllowed=!1},o.jsxTagEnd.updateContext=function(e){const
 t=this.state.context.pop();t===x.j_oTag&&e===o.slash||t===x.j_cTag?(this.state.context.pop(),this.state.exprAllow
 ed=this.curContext()===x.j_expr:this.state.exprAllowed=!0);class ie extends
 K{constructor(...e){super(...e),this.types=[],this.enums=[],this.constEnums=[],this.classes=[],this.exportOnlyBindin
 gs=[]}class se extends q{createScope(e){return new ie(e)}declareName(e,t,r){const
 n=this.currentScope();if(1024&t)return this.maybeExportDefined(n,e),void


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n.exportOnlyBindings.push(e);super.declareName(...arguments),2&&(1&&|(this.checkRedeclarationInScope(n,e,t
,r),this.maybeExportDefined(n,e)),n.types.push(e)),256&&t&&n.enums.push(e),512&&t&&n.constEnums.push(e),128
&&t&&n.classes.push(e)}isRedeclaredInScope(e,t,r){if(e.enums.indexOf(t)>-
1){if(256&&r){return!!(512&&r)!==e.constEnums.indexOf(t)>-1}return!0}return 128&&r&&e.classes.indexOf(t)>-
1?e.lexical.indexOf(t)>-1&&!(1&&r):!(2&&r&&e.types.indexOf(t)>-
1)||super.isRedeclaredInScope(...arguments)}checkLocalExport(e){-
1===this.scopeStack[0].types.indexOf(e.name)&&-
1===this.scopeStack[0].exportOnlyBindings.indexOf(e.name)&&super.checkLocalExport(e)}class
ae{constructor(){this.stacks=[]}enter(e){this.stacks.push(e)}exit(){this.stacks.pop()}currentFlags(){return
this.stacks[this.stacks.length-1]}get hasAwait(){return(2&&this.currentFlags())>0}get
hasYield(){return(1&&this.currentFlags())>0}get hasReturn(){return(4&&this.currentFlags())>0}get
hasIn(){return(8&&this.currentFlags())>0}}function oe(e,t){return(e?2:0)|(t?1:0)}function le(e){if(null===e)throw new
Error('Unexpected ${e} value.')}return e}function ce(e){if(!e)throw new Error('Assert fail')}const
pe=g({AbstractMethodHasImplementation:||||'Method '%0' cannot have an implementation because it is marked
abstract.||||',AccesorCannotDeclareThisParameter:||||'get' and 'set' accessors cannot declare 'this'
parameters.||||',AccesorCannotHaveTypeParameters:||||'An accessor cannot have type
parameters.||||',ClassMethodHasDeclare:||||'Class methods cannot have the 'declare'
modifier.||||',ClassMethodHasReadOnly:||||'Class methods cannot have the 'readonly'
modifier.||||',ConstructorHasTypeParameters:||||'Type parameters cannot appear on a constructor
declaration.||||',DeclareAccessor:||||'declare' is not allowed in
%0ters.||||',DeclareClassFieldHasInitializer:||||'Initializers are not allowed in ambient
contexts.||||',DeclareFunctionHasImplementation:||||'An implementation cannot be declared in ambient
contexts.||||',DuplicateAccessibilityModifier:||||'Accessibility modifier already
seen.||||',DuplicateModifier:||||'Duplicate modifier: '%0'.||||',EmptyHeritageClauseType:||||'%0' list cannot be
empty.||||',EmptyTypeArguments:||||'Type argument list cannot be empty.||||',EmptyTypeParameters:||||'Type
parameter list cannot be empty.||||',ExpectedAmbientAfterExportDeclare:||||'export declare' must be followed by an
ambient declaration.||||',ImportAliasHasImportType:||||'An import alias can not use 'import
type'.||||',IncompatibleModifiers:||||'%0' modifier cannot be used with '%1'
modifier.||||',IndexSignatureHasAbstract:||||'Index signatures cannot have the 'abstract'
modifier.||||',IndexSignatureHasAccessibility:||||'Index signatures cannot have an accessibility modifier
('%0').||||',IndexSignatureHasDeclare:||||'Index signatures cannot have the 'declare'
modifier.||||',IndexSignatureHasOverride:||||'override' modifier cannot appear on an index
signature.||||',IndexSignatureHasStatic:||||'Index signatures cannot have the 'static'
modifier.||||',InvalidModifierOnTypeMember:||||'%0' modifier cannot appear on a type
member.||||',InvalidModifiersOrder:||||'%0' modifier must precede '%1'
modifier.||||',InvalidTupleMemberLabel:||||'Tuple members must be labeled with a simple
identifier.||||',MixedLabeledAndUnlabeledElements:||||'Tuple members must all have names or all not have
names.||||',NonAbstractClassHasAbstractMethod:||||'Abstract methods can only appear within an abstract
class.||||',NonClassMethodPropertyHasAbstractModifier:||||'abstract' modifier can only appear on a class, method, or
property declaration.||||',OptionalTypeBeforeRequired:||||'A required element cannot follow an optional
element.||||',OverrideNotInSubClass:||||'This member cannot have an 'override' modifier because its containing class
does not extend another class.||||',PatternIsOptional:||||'A binding pattern parameter cannot be optional in an
implementation signature.||||',PrivateElementHasAbstract:||||'Private elements cannot have the 'abstract'
modifier.||||',PrivateElementHasAccessibility:||||'Private elements cannot have an accessibility modifier
('%0').||||',ReadOnlyForMethodSignature:||||'readonly' modifier can only appear on a property declaration or index
signature.||||',SetAccesorCannotHaveOptionalParameter:||||'A 'set' accessor cannot have an optional
parameter.||||',SetAccesorCannotHaveRestParameter:||||'A 'set' accessor cannot have rest
parameter.||||',SetAccesorCannotHaveReturnType:||||'A 'set' accessor cannot have a return type

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annotation.\\",StaticBlockCannotHaveModifier:\\",Static class blocks cannot have any
modifier.\\",TypeAnnotationAfterAssign:\\",Type annotations must come before default assignments, e.g. instead of
`age = 25: number` use `age: number = 25`.\\",TypeImportCannotSpecifyDefaultAndNamed:\\",A type-only import
can specify a default import or named bindings, but not both.\\",UnexpectedParameterModifier:\\",A parameter
property is only allowed in a constructor implementation.\\",UnexpectedReadOnly:\\",`readonly` type modifier is
only permitted on array and tuple literal types.\\",UnexpectedTypeAnnotation:\\",Did not expect a type annotation
here.\\",UnexpectedTypeCastInParameter:\\",Unexpected type cast in parameter
position.\\",UnsupportedImportTypeArgument:\\",Argument in a type import must be a string
literal.\\",UnsupportedParameterPropertyKind:\\",A parameter property may not be declared using a binding
pattern.\\",UnsupportedSignatureParameterKind:\\",Name in a signature must be an Identifier, ObjectPattern or
ArrayPattern, instead got %0.\\",y.SyntaxError);function
ue(e){return\\",private\\",===e\\",public\\",===e\\",protected\\",===e}o.placeholder=new
n(\\",%%\\",{startsExpr:!0});const de=g({ClassNameIsRequired:\\",A class name is
required.\\",y.SyntaxError);function he(e,t){return e.some(e=>Array.isArray(e)?e[0]===t:e===t)}function
fe(e,t,r){const n=e.find(e=>Array.isArray(e)?e[0]===t:e===t);return n&&Array.isArray(n)?n[1][r]:null}const
me=[\\",minimal\\",\\",smart\\",\\",fsharp\\",ye=[\\",hash\\",\\",bar\\"];const Te={estree:e=>class extends
e{estreeParseRegExpLiteral({pattern:e,flags:t}){let r=null;try{r=new RegExp(e,t)}catch(e){}const
n=this.estreeParseLiteral(r);return n.regex={pattern:e,flags:t},n}estreeParseBigIntLiteral(e){let
t;try{t=BigInt(e)}catch(e){t=null}const r=this.estreeParseLiteral(t);return
r.bigint=String(r.value|e),r}estreeParseDecimalLiteral(e){const t=this.estreeParseLiteral(null);return
t.decimal=String(t.value|e),t}estreeParseLiteral(e){return
this.parseLiteral(e,\\",Literal\\")}directiveToStmnt(e){const
t=e.value,r=this.startNodeAt(e.start,e.loc.start),n=this.startNodeAt(t.start,t.loc.start);return
n.value=t.extra.expressionValue,n.raw=t.extra.raw,r.expression=this.finishNodeAt(n,\\",Literal\\",t.end,t.loc.end),r.
directive=t.extra.raw.slice(1,-
1),this.finishNodeAt(r,\\",ExpressionStatement\\",e.end,e.loc.end)}initFunction(e,t){super.initFunction(e,t),e.expres
sion=!1}checkDeclaration(e){null!=e&&this.isObjectProperty(e)?this.checkDeclaration(e.value):super.checkDeclar
ation(e)}getObjectOrClassMethodParams(e){return e.value.params}isValidDirective(e){var
t;return\\",ExpressionStatement\\",===e.type&&\\",Literal\\",===e.expression.type&&\\",string\\",===typeof
e.expression.value&&!(null!=(t=e.expression.extra)&&t.parenthesized)}stmtToDirective(e){const
t=super.stmtToDirective(e),r=e.expression.value;return
this.addExtra(t.value,\\",expressionValue\\",r,t)}parseBlockBody(e,...t){super.parseBlockBody(e,...t);const
r=e.directives.map(e=>this.directiveToStmnt(e));e.body=r.concat(e.body),delete
e.directives}pushClassMethod(e,t,r,n,i,s){this.parseMethod(t,r,n,i,s,\\",ClassMethod\\",!0),t.typeParameters&&(t.va
lue.typeParameters=t.typeParameters,delete
t.typeParameters),e.body.push(t)}parseExprAtom(e){switch(this.state.type){case o.num:case o.string:return
this.estreeParseLiteral(this.state.value);case o.regexp:return this.estreeParseRegExpLiteral(this.state.value);case
o.bigint:return this.estreeParseBigIntLiteral(this.state.value);case o.decimal:return
this.estreeParseDecimalLiteral(this.state.value);case o._null:return this.estreeParseLiteral(null);case o._true:return
this.estreeParseLiteral(!0);case o._false:return this.estreeParseLiteral(!1);default:return
super.parseExprAtom(e)}parseMaybePrivateName(...e){const
t=super.parseMaybePrivateName(...e);return\\",PrivateName\\",===t.type&&this.getPluginOption(\\",estree\\",\\",cl
assFeatures\\")?this.convertPrivateNameToPrivateIdentifier(t):t}convertPrivateNameToPrivateIdentifier(e){const
t=super.getPrivateNameSV(e);return
delete(e=e).id,e.name=t,e.type=\\",PrivateIdentifier\\",e.isPrivateName(e){return
this.getPluginOption(\\",estree\\",\\",classFeatures\\")?\\",PrivateIdentifier\\",===e.type:super.isPrivateName(e)}ge
tPrivateNameSV(e){return
this.getPluginOption(\\",estree\\",\\",classFeatures\\")?e.name:super.getPrivateNameSV(e)}parseLiteral(e,t,r,n){co

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nst i=super.parseLiteral(e,t,r,n);return i.raw=i.extra.raw,delete
i.extra,i}parseFunctionBody(e,t,r=!1){super.parseFunctionBody(e,t,r),e.expression=\\\\"BlockStatement\\\\\\"!=e.body
.type}parseMethod(e,t,r,n,i,s,a=!1){let o=this.startNode();return
o.kind=e.kind,o=super.parseMethod(o,t,r,n,i,s,a),o.type=\\\\"FunctionExpression\\\\\\",delete
o.kind,e.value=o,\\\\"ClassPrivateMethod\\\\\\"===s&&(e.computed=!1),s=\\\\"MethodDefinition\\\\\\",this.finishNode(e,s
)}parseClassProperty(...e){const t=super.parseClassProperty(...e);return
this.getPluginOption(\\\\"estree\\\\\\",\\\\"classFeatures\\\\\\")&&(t.type=\\\\"PropertyDefinition\\\\\\",t)}parseClassPrivatePro
perty(...e){const t=super.parseClassPrivateProperty(...e);return
this.getPluginOption(\\\\"estree\\\\\\",\\\\"classFeatures\\\\\\")&&(t.type=\\\\"PropertyDefinition\\\\\\",t.computed=!1),t}parse
ObjectMethod(e,t,r,n,i){const s=super.parseObjectMethod(e,t,r,n,i);return
s&&(s.type=\\\\"Property\\\\\\",\\\\"method\\\\\\"===s.kind&&(s.kind=\\\\"init\\\\\\"),s.shorthand=!1),s}parseObjectProperty(e
,t,r,n,i){const s=super.parseObjectProperty(e,t,r,n,i);return
s&&(s.kind=\\\\"init\\\\\\",s.type=\\\\"Property\\\\\\",s)}toAssignable(e,t=!1){return
null!=e&&this.isObjectProperty(e)?(this.toAssignable(e.value,t),e):super.toAssignable(e,t)}toAssignableObjectExpr
essionProp(e,...t){\\\\"get\\\\\\"===e.kind||\\\\"set\\\\\\"===e.kind?this.raise(e.key.start,T.PatternHasAccessor):e.method?thi
s.raise(e.key.start,T.PatternHasMethod):super.toAssignableObjectExpressionProp(e,...t)}finishCallExpression(e,t){i
f(super.finishCallExpression(e,t),\\\\"Import\\\\\\"===e.callee.type){var
r;if(e.type=\\\\"ImportExpression\\\\\\",e.source=e.arguments[0],this.hasPlugin(\\\\"importAssertions\\\\\\"))e.attributes=nu
ll!=(r=e.arguments[1])?r:null;delete e.arguments,delete e.callee}return
e}toReferencedArguments(e){\\\\"ImportExpression\\\\\\"!=e.type&&super.toReferencedArguments(e)}parseExport(e
){switch(super.parseExport(e),e.type){case\\\\"ExportAllDeclaration\\\\\\":e.exported=null;break;case\\\\"ExportNamed
Declaration\\\\\\":1===e.specifiers.length&&\\\\"ExportNamespaceSpecifier\\\\\\"===e.specifiers[0].type&&(e.type=\\\\"E
xportAllDeclaration\\\\\\",e.exported=e.specifiers[0].exported,delete e.specifiers)}return
e}parseSubscript(e,t,r,n,i){const
s=super.parseSubscript(e,t,r,n,i);if(i.optionalChainMember){if(\\\\"OptionalMemberExpression\\\\\\"!=s.type&&\\\\"O
ptionalCallExpression\\\\\\"!=s.type||(s.type=s.type.substring(8)),i.stop){const e=this.startNodeAtNode(s);return
e.expression=s,this.finishNode(e,\\\\"ChainExpression\\\\\\")}else\\\\"MemberExpression\\\\\\"!=s.type&&\\\\"CallExpre
sion\\\\\\"!=s.type||(s.optional=!1);return
s}hasPropertyAsPrivateName(e){return\\\\"ChainExpression\\\\\\"===e.type&&(e=e.expression),super.hasPropertyAsP
rivateName(e)}isOptionalChain(e){return\\\\"ChainExpression\\\\\\"===e.type}isObjectProperty(e){return\\\\"Property\\\\
\\\\"===e.type&&\\\\"init\\\\\\"===e.kind&&!e.method}isObjectMethod(e){return
e.method||\\\\"get\\\\\\"===e.kind||\\\\"set\\\\\\"===e.kind},jsx:e=>class extends e{jsxReadToken(){let
e=\\\\"\\\\" ,t=this.state.pos;for(;;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,te.UnterminatedJsxCContent);const r=this.input.charCodeAtAt(this.state.pos);switch(r){case
60:case 123:return
this.state.pos===this.state.start?60===r&&this.state.exprAllowed?(++this.state.pos,this.finishToken(o.jsxTagStart))
:super.getTokenFromCode(r):(e+=this.input.slice(t,this.state.pos),this.finishToken(o.jsxText,e));case
38:e+=this.input.slice(t,this.state.pos),e+=this.jsxReadEntity(),t=this.state.pos;break;case 62:case
125:default:p(r)?(e+=this.input.slice(t,this.state.pos),e+=this.jsxReadNewLine(!0),t=this.state.pos):++this.state.pos
}}jsxReadNewLine(e){const t=this.input.charCodeAtAt(this.state.pos);let
r;return++this.state.pos,13===t&&10===this.input.charCodeAtAt(this.state.pos)?(++this.state.pos,r=e?\\\\"\\n\\\\\\":\\\\"\\
\\r\\\\\\n\\\\\\"):r=String.fromCharCode(t),++this.state.curLine,this.state.lineStart=this.state.pos,r}jsxReadString(e){let
t=\\\\"\\\\" ,r=++this.state.pos;for(;;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,T.UnterminatedString);const
n=this.input.charCodeAtAt(this.state.pos);if(n===e)break;38===n?(t+=this.input.slice(r,this.state.pos),t+=this.jsxRead
Entity(),r=this.state.pos):p(n)?(t+=this.input.slice(r,this.state.pos),t+=this.jsxReadNewLine(!1),r=this.state.pos):++th
is.state.pos}return t+=this.input.slice(r,this.state.pos++),this.finishToken(o.string,t)}jsxReadEntity(){let
e,t=\\\\"\\\\" ,r=0,n=this.input[this.state.pos];const

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i=++this.state.pos;for(;this.state.pos<this.length&&r++<10;){if(n=this.input[this.state.pos++],\|\|:"\|\|"===n){\|\|#\|\|
===t[0]?\\x\|\|"===t[1]?(t=t.substr(2),Z.test(t)&&(e=String.fromCharCode(parseInt(t,16))):(t=t.substr(1),ee.test(t)
&&(e=String.fromCharCode(parseInt(t,10))):e=Q[t];break }t+=n }return
e|(this.state.pos=i,\|\|"&\|\|")}jsxReadWord(){let e;const
t=this.state.pos;do{e=this.input.charCodeAt(++this.state.pos)}while(N(e)||45===e);return
this.finishToken(o.jsxName,this.input.slice(t,this.state.pos))}jsxParseIdentifier(){const e=this.startNode();return
this.match(o.jsxName)?e.name=this.state.value:this.state.type.keyword?e.name=this.state.type.keyword:this.unexpe
cted(),this.next(),this.finishNode(e,\|\|"JSXIdentifier\|\|")}jsxParseNamespacedName(){const
e=this.state.start,t=this.state.startLoc,r=this.jsxParseIdentifier();if(!this.eat(o.colon))return r;const
n=this.startNodeAt(e,t);return
n.namespace=r,n.name=this.jsxParseIdentifier(),this.finishNode(n,\|\|"JSXNamespacedName\|\|")}jsxParseElementN
ame(){const e=this.state.start,t=this.state.startLoc;let
r=this.jsxParseNamespacedName();if(\|\|"JSXNamespacedName\|\|"===r.type)return r;for(;this.eat(o.dot);){const
n=this.startNodeAt(e,t);n.object=r,n.property=this.jsxParseIdentifier(),r=this.finishNode(n,\|\|"JSXMemberExpressio
n\|\|")}return r}jsxParseAttributeValue(){let e;switch(this.state.type){case o.braceL:return
e=this.startNode(),this.next(),e=this.jsxParseExpressionContainer(e,\|\|"JSXEmptyExpression\|\|"===e.expression.ty
pe&&this.raise(e.start,te.AttributeIsEmpty),e;case o.jsxTagStart:case o.string:return
this.parseExprAtom();default:throw
this.raise(this.state.start,te.UnsupportedJsxValue)} }jsxParseEmptyExpression(){const
e=this.startNodeAt(this.state.lastTokEnd,this.state.lastTokEndLoc);return
this.finishNodeAt(e,\|\|"JSXEmptyExpression\|\|",this.state.start,this.state.startLoc)}jsxParseSpreadChild(e){return
this.next(),e.expression=this.parseExpression(),this.expect(o.braceR),this.finishNode(e,\|\|"JSXSpreadChild\|\|")}jsxP
arseExpressionContainer(e){if(this.match(o.braceR))e.expression=this.jsxParseEmptyExpression();else{const
t=this.parseExpression();e.expression=t}return
this.expect(o.braceR),this.finishNode(e,\|\|"JSXExpressionContainer\|\|")}jsxParseAttribute(){const
e=this.startNode();return
this.eat(o.braceL)?(this.expect(o.ellipsis),e.argument=this.parseMaybeAssignAllowIn(),this.expect(o.braceR),this.fi
nishNode(e,\|\|"JSXSpreadAttribute\|\|")):(e.name=this.jsxParseNamespacedName(),e.value=this.eat(o.eq)?this.jsxPa
rseAttributeValue():null,this.finishNode(e,\|\|"JSXAttribute\|\|"))}jsxParseOpeningElementAt(e,t){const
r=this.startNodeAt(e,t);return
this.match(o.jsxTagEnd)?(this.expect(o.jsxTagEnd),this.finishNode(r,\|\|"JSXOpeningFragment\|\|")):(r.name=this.js
xParseElementName(),this.jsxParseOpeningElementAfterName(r))}jsxParseOpeningElementAfterName(e){const
t=[];for(;!this.match(o.slash)&&!this.match(o.jsxTagEnd);)t.push(this.jsxParseAttribute());return
e.attributes=t,e.selfClosing=this.eat(o.slash),this.expect(o.jsxTagEnd),this.finishNode(e,\|\|"JSXOpeningElement\|\|")
}jsxParseClosingElementAt(e,t){const r=this.startNodeAt(e,t);return
this.match(o.jsxTagEnd)?(this.expect(o.jsxTagEnd),this.finishNode(r,\|\|"JSXClosingFragment\|\|")):(r.name=this.js
xParseElementName(),this.expect(o.jsxTagEnd),this.finishNode(r,\|\|"JSXClosingElement\|\|"))}jsxParseElementAt(e,
t){const r=this.startNodeAt(e,t),n=[],i=this.jsxParseOpeningElementAt(e,t);let
s=null;if(!i.selfClosing){e:for(;;)switch(this.state.type){case
o.jsxTagStart:if(e=this.state.start,t=this.state.startLoc,this.next(),this.eat(o.slash)){s=this.jsxParseClosingElementAt(
e,t);break e}n.push(this.jsxParseElementAt(e,t));break;case o.jsxText:n.push(this.parseExprAtom());break;case
o.braceL:{const
e=this.startNode();this.next(),this.match(o.ellipsis)?n.push(this.jsxParseSpreadChild(e)):n.push(this.jsxParseExpress
ionContainer(e));break}default:throw
this.unexpected()}re(i)&&!re(s)?this.raise(s.start,te.MissingClosingTagFragment):!re(i)&&re(s)?this.raise(s.start,te.
MissingClosingTagElement,ne(i.name)):re(i)||re(s)||ne(s.name)!==ne(i.name)&&this.raise(s.start,te.MissingClosing
TagElement,ne(i.name))}if(re(i)?(r.openingFragment=i,r.closingFragment=s):(r.openingElement=i,r.closingElement
=s),r.children=n,this.isRelational(\|\|"<\|\|"))throw

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this.raise(this.state.start,te.UnwrappedAdjacentJSXElements);return
re(i)?this.finishNode(r,\\\`JSXFragment\\\`):this.finishNode(r,\\\`JSXElement\\\`)}jsxParseElement(){const
e=this.state.start,t=this.state.startLoc;return this.next(),this.jsxParseElementAt(e,t)}parseExprAtom(e){return
this.match(o.jsxText)?this.parseLiteral(this.state.value,\\\`JSXText\\\`):this.match(o.jsxTagStart)?this.jsxParseElement
nt():this.isRelational(\\\`<\\\`)&&33!==(this.input.charCodeAtAt(this.state.pos)?(this.finishToken(o.jsxTagStart),this.js
xParseElement()):super.parseExprAtom(e)}getTokenFromCode(e){if(this.state.inPropertyName)return
super.getTokenFromCode(e);const t=this.curContext();if(t===x.j_expr)return
this.jsxReadToken();if(t===x.j_oTag||t===x.j_cTag){if(C(e))return
this.jsxReadWord();if(62===e)return++this.state.pos,this.finishToken(o.jsxTagEnd);if((34===e||39===e)&&t===x.
j_oTag)return this.jsxReadString(e)}return
60===e&&this.state.exprAllowed&&33!==(this.input.charCodeAtAt(this.state.pos+1)?(++this.state.pos,this.finishToker
n(o.jsxTagStart)):super.getTokenFromCode(e)}updateContext(e){if(this.match(o.braceL)){const
t=this.curContext();t===x.j_oTag?this.state.context.push(x.braceExpression):t===x.j_expr?this.state.context.push(x.
templateQuasi):super.updateContext(e),this.state.exprAllowed=!0}else{if(!this.match(o.slash)||e!==o.jsxTagStart)ret
urn super.updateContext(e);this.state.context.length-
=2,this.state.context.push(x.j_cTag),this.state.exprAllowed=!1}}},flow:e=>class extends
e{constructor(...e){super(...e),this.flowPragma=void 0}getScopeHandler(){return W}shouldParseTypes(){return
this.getPluginOption(\\\`flow\\\`,\\\`all\\\`)||\\\`flow\\\`===this.flowPragma}shouldParseEnums(){return!!this.getPlu
ginOption(\\\`flow\\\`,\\\`enums\\\`)}finishToken(e,t){return
e!==o.string&&e!==o.semi&&e!==o.interpreterDirective&&void
0===this.flowPragma&&(this.flowPragma=null),super.finishToken(e,t)}addComment(e){if(void
0===this.flowPragma){const
t=$.exec(e.value);if(t)if(\\\`flow\\\`===t[1])this.flowPragma=\\\`flow\\\`;else{if(\\\`noflow\\\`!==t[1])throw new
Error(\\\`Unexpected flow pragma\\\`);this.flowPragma=\\\`noflow\\\`}else;}return
super.addComment(e)}flowParseTypeInitialiser(e){const
t=this.state.inType;this.state.inType=!0,this.expect(e||o.colon);const r=this.flowParseType();return
this.state.inType=t,r}flowParsePredicate(){const e=this.startNode(),t=this.state.start;return
this.next(),this.expectContextual(\\\`checks\\\`),this.state.lastTokStart>t+1&&this.raise(t,J.UnexpectedSpaceBetwee
nModuloChecks),this.eat(o.parenL)?(e.value=this.parseExpression(),this.expect(o.parenR),this.finishNode(e,\\\`Dec
laredPredicate\\\`)):this.finishNode(e,\\\`InferredPredicate\\\`)}flowParseTypeAndPredicateInitialiser(){const
e=this.state.inType;this.state.inType=!0,this.expect(o.colon);let t=null,r=null;return
this.match(o.modulo)?(this.state.inType=e,r=this.flowParsePredicate()):t=this.flowParseType(),this.state.inType=e,
this.match(o.modulo)&&(r=this.flowParsePredicate()),[t,r]}flowParseDeclareClass(e){return
this.next(),this.flowParseInterfaceish(e,!0),this.finishNode(e,\\\`DeclareClass\\\`)}flowParseDeclareFunction(e){this
.next();const
t=e.id=this.parseIdentifier(),r=this.startNode(),n=this.startNode();this.isRelational(\\\`<\\\`)?r.typeParameters=this.fl
owParseTypeParameterDeclaration():r.typeParameters=null,this.expect(o.parenL);const
i=this.flowParseFunctionTypeParams();return
r.params=i.params,r.rest=i.rest,r.this=i._this,this.expect(o.parenR),[r.returnType,e.predicate]=this.flowParseTypeAn
dPredicateInitialiser(),n.typeAnnotation=this.finishNode(r,\\\`FunctionTypeAnnotation\\\`),t.typeAnnotation=this.fi
nishNode(n,\\\`TypeAnnotation\\\`),this.resetEndLocation(t),this.semicolon(),this.scope.declareName(e.id.name,204
8,e.id.start),this.finishNode(e,\\\`DeclareFunction\\\`)}flowParseDeclare(e,t){if(this.match(o._class))return
this.flowParseDeclareClass(e);if(this.match(o._function))return
this.flowParseDeclareFunction(e);if(this.match(o._var))return
this.flowParseDeclareVariable(e);if(this.eatContextual(\\\`module\\\`))return
this.match(o.dot)?this.flowParseDeclareModuleExports(e):(t&&this.raise(this.state.lastTokStart,J.NestedDeclareMo
dule),this.flowParseDeclareModule(e));if(this.isContextual(\\\`type\\\`))return
this.flowParseDeclareTypeAlias(e);if(this.isContextual(\\\`opaque\\\`))return

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this.flowParseDeclareOpaqueType(e);if(this.isContextual(\\\\"interface\\\\"))return
this.flowParseDeclareInterface(e);if(this.match(o._export))return this.flowParseDeclareExportDeclaration(e,t);throw
this.unexpected()}flowParseDeclareVariable(e){return
this.next(),e.id=this.flowParseTypeAnnotatableIdentifier(!0),this.scope.declareName(e.id.name,5,e.id.start),this.semicolon(),this.finishNode(e,\\\\"DeclareVariable\\\\")}flowParseDeclareModule(e){this.scope.enter(0),this.match(o.string)?e.id=this.parseExprAtom():e.id=this.parseIdentifier();const
t=e.body=this.startNode(),r=t.body=[];for(this.expect(o.braceL);!this.match(o.braceR);){let
e=this.startNode();this.match(o._import)?(this.next(),this.isContextual(\\\\"type\\\\"))||this.match(o._typeof)||this.raise(this.state.lastTokStart,J.InvalidNonTypeImportInDeclareModule),this.parseImport(e):(this.expectContextual(\\\\"declare\\\\"),J.UnsupportedStatementInDeclareModule),e=this.flowParseDeclare(e,!0),r.push(e)}this.scope.exit(),this.expect(o.braceR),this.finishNode(t,\\\\"BlockStatement\\\\"");let n=null,i=!1;return
r.forEach(e=>{!function(e){return\\\\"DeclareExportAllDeclaration\\\\"===e.type||\\\\"DeclareExportDeclaration\\\\"===e.type&&(!e.declaration||\\\\"TypeAlias\\\\"!==e.declaration.type&&\\\\"InterfaceDeclaration\\\\"!==e.declaration.type)}(e)?\\\\"DeclareModuleExports\\\\"===e.type&&(i&&this.raise(e.start,J.DuplicateDeclareModuleExports),\\\\"ES\\\\"===n&&this.raise(e.start,J.AmbiguousDeclareModuleKind),n=\\\\"CommonJS\\\\"),i=!0):(\\\\"CommonJS\\\\"===n&&this.raise(e.start,J.AmbiguousDeclareModuleKind),n=\\\\"ES\\\\")),e.kind=n||\\\\"CommonJS\\\\"},this.finishNode(e,\\\\"DeclareModule\\\\"))}flowParseDeclareExportDeclaration(e,t){if(this.expect(o._export),this.eat(o._default))return
this.match(o._function)||this.match(o._class)?e.declaration=this.flowParseDeclare(this.startNode()):e.declaration=this.flowParseType(),this.semicolon(),e.default=!0,this.finishNode(e,\\\\"DeclareExportDeclaration\\\\"");if(this.match(o._const)||this.isLet()||this.isContextual(\\\\"type\\\\"))||this.isContextual(\\\\"interface\\\\"))&&t){const
e=this.state.value,t=z[e];throw
this.raise(this.state.start,J.UnsupportedDeclareExportKind,e,t)}if(this.match(o._var)||this.match(o._function)||this.match(o._class)||this.isContextual(\\\\"opaque\\\\"))return
e.declaration=this.flowParseDeclare(this.startNode()),e.default=!1,this.finishNode(e,\\\\"DeclareExportDeclaration\\\\"");if(this.match(o.star)||this.match(o.braceL)||this.isContextual(\\\\"interface\\\\"))||this.isContextual(\\\\"type\\\\"))||this.isContextual(\\\\"opaque\\\\"))return\\\\"ExportNamedDeclaration\\\\"===e.type&&(e.type=\\\\"ExportDeclaration\\\\"",e.default=!1,delete e.exportKind),e.type=\\\\"Declare\\\\"+e.type,e;throw
this.unexpected()}flowParseDeclareModuleExports(e){return
this.next(),this.expectContextual(\\\\"exports\\\\""),e.typeAnnotation=this.flowParseTypeAnnotation(),this.semicolon(),this.finishNode(e,\\\\"DeclareModuleExports\\\\")}flowParseDeclareTypeAlias(e){return
this.next(),this.flowParseTypeAlias(e),e.type=\\\\"DeclareTypeAlias\\\\"",e}flowParseDeclareOpaqueType(e){return
this.next(),this.flowParseOpaqueType(e,!0),e.type=\\\\"DeclareOpaqueType\\\\"",e}flowParseDeclareInterface(e){return
n
this.next(),this.flowParseInterfaceish(e),this.finishNode(e,\\\\"DeclareInterface\\\\")}flowParseInterfaceish(e,t=!1){if(
e.id=this.flowParseRestrictedIdentifier(!t,!0),this.scope.declareName(e.id.name,t?17:9,e.id.start),this.isRelational(\\\\"<\\\\"))?e.typeParameters=this.flowParseTypeParameterDeclaration():e.typeParameters=null,e.extends=[],e.implements=[],e.mixins=[],this.eat(o._extends))do{e.extends.push(this.flowParseInterfaceExtends())}while(!t&&this.eat(o.comma));if(this.isContextual(\\\\"mixins\\\\"))){this.next();do{e.mixins.push(this.flowParseInterfaceExtends())}while(this.eat(o.comma));if(this.isContextual(\\\\"implements\\\\"))){this.next();do{e.implements.push(this.flowParseInterfaceExtends())}while(this.eat(o.comma))}e.body=this.flowParseObjectType({allowStatic:t,allowExact:!1,allowSpread:!1,allowProto:t,allowInexact:!1})}flowParseInterfaceExtends(){const e=this.startNode();return
e.id=this.flowParseQualifiedTypeIdentifier(),this.isRelational(\\\\"<\\\\")?e.typeParameters=this.flowParseTypeParameterInstantiation():e.typeParameters=null,this.finishNode(e,\\\\"InterfaceExtends\\\\")}flowParseInterface(e){return
this.flowParseInterfaceish(e),this.finishNode(e,\\\\"InterfaceDeclaration\\\\"")}checkNotUnderscore(e){\\\\"_\\\\"===e&&this.raise(this.state.start,J.UnexpectedReservedUnderscore)}checkReservedType(e,t,r){X.has(e)&&this.raise(t,r?J.AssignReservedType:J.UnexpectedReservedType,e)}flowParseRestrictedIdentifier(e,t){return
this.checkReservedType(this.state.value,this.state.start,t),this.parseIdentifier(e)}flowParseTypeAlias(e){return
e.id=this.flowParseRestrictedIdentifier(!1,!0),this.scope.declareName(e.id.name,9,e.id.start),this.isRelational(\\\\"<\\\\"

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")?e.typeParameters=this.flowParseTypeParameterDeclaration():e.typeParameters=null,e.right=this.flowParseTypeInitialiser(o.eq),this.semicolon(),this.finishNode(e,\\\`TypeAlias\\\`)flowParseOpaqueType(e,t){return
this.expectContextual(\\\`type\\\`),e.id=this.flowParseRestrictedIdentifier(!0,!0),this.scope.declareName(e.id.name,9
,e.id.start),this.isRelational(\\\`<\\\`)?e.typeParameters=this.flowParseTypeParameterDeclaration():e.typeParameters
=null,e.supertype=null,this.match(o.colon)&&(e.supertype=this.flowParseTypeInitialiser(o.colon)),e.impltype=null,
t||(e.impltype=this.flowParseTypeInitialiser(o.eq)),this.semicolon(),this.finishNode(e,\\\`OpaqueType\\\`)flowParse
TypeParameter(e=!1){const
t=this.state.start,r=this.startNode(),n=this.flowParseVariance(),i=this.flowParseTypeAnnotatableIdentifier();return
r.name=i.name,r.variance=n,r.bound=i.typeAnnotation,this.match(o.eq)?(this.eat(o.eq),r.default=this.flowParseType
()):e&&this.raise(t,J.MissingTypeParamDefault),this.finishNode(r,\\\`TypeParameter\\\`)flowParseTypeParameter
Declaration(){const
e=this.state.inType,t=this.startNode();t.params=[],this.state.inType=!0,this.isRelational(\\\`<\\\`)||this.match(o.jsxTa
gStart)?this.next():this.unexpected();let r=!1;do{const
e=this.flowParseTypeParameter(r);t.params.push(e),e.default&&(r=!0),this.isRelational(\\\`>\\\`)||this.expect(o.com
ma)}while(!this.isRelational(\\\`>\\\`));return
this.expectRelational(\\\`>\\\`),this.state.inType=e,this.finishNode(t,\\\`TypeParameterDeclaration\\\`)flowParseTy
peParameterInstantiation(){const
e=this.startNode(),t=this.state.inType;e.params=[],this.state.inType=!0,this.expectRelational(\\\`<\\\`);const
r=this.state.noAnonFunctionType;for(this.state.noAnonFunctionType=!1;!this.isRelational(\\\`>\\\`);)e.params.push(
this.flowParseType()),this.isRelational(\\\`>\\\`)||this.expect(o.comma);return
this.state.noAnonFunctionType=r,this.expectRelational(\\\`>\\\`),this.state.inType=t,this.finishNode(e,\\\`TypePara
meterInstantiation\\\`)flowParseTypeParameterInstantiationCallOrNew(){const
e=this.startNode(),t=this.state.inType;for(e.params=[],this.state.inType=!0,this.expectRelational(\\\`<\\\`);!this.isRel
ational(\\\`>\\\`);)e.params.push(this.flowParseTypeOrImplicitInstantiation()),this.isRelational(\\\`>\\\`)||this.expect(
o.comma);return
this.expectRelational(\\\`>\\\`),this.state.inType=t,this.finishNode(e,\\\`TypeParameterInstantiation\\\`)flowParseInt
erfaceType(){const
e=this.startNode();if(this.expectContextual(\\\`interface\\\`),e.extends=[],this.eat(o._extends))do{e.extends.push(this
.flowParseInterfaceExtends())}while(this.eat(o.comma));return
e.body=this.flowParseObjectType({allowStatic:!1,allowExact:!1,allowSpread:!1,allowProto:!1,allowInexact:!1}),thi
s.finishNode(e,\\\`InterfaceTypeAnnotation\\\`)flowParseObjectPropertyKey(){return
this.match(o.num)||this.match(o.string)?this.parseExprAtom():this.parseIdentifier(!0)}flowParseObjectTypeIndexer(
e,t,r){return
e.static=t,this.lookahead().type===o.colon?(e.id=this.flowParseObjectPropertyKey(),e.key=this.flowParseTypeInitia
liser()):e.id=null,e.key=this.flowParseType(),this.expect(o.bracketR),e.value=this.flowParseTypeInitialiser(),e.vari
ance=r,this.finishNode(e,\\\`ObjectTypeIndexer\\\`)flowParseObjectTypeInternalSlot(e,t){return
e.static=t,e.id=this.flowParseObjectPropertyKey(),this.expect(o.bracketR),this.expect(o.bracketR),this.isRelational(\\\`<\\\`)||this.match(o.parenL)?(e.method=!0,e.optional=!1,e.value=this.flowParseObjectTypeMethodish(this.startNo
deAt(e.start,e.loc.start))):(e.method=!1,this.eat(o.question)&&(e.optional=!0),e.value=this.flowParseTypeInitialiser(
)),this.finishNode(e,\\\`ObjectTypeInternalSlot\\\`)flowParseObjectTypeMethodish(e){for(e.params=[],e.rest=null,
e.typeParameters=null,e.this=null,this.isRelational(\\\`<\\\`)&&(e.typeParameters=this.flowParseTypeParameterDec
laration()),this.expect(o.parenL),this.match(o._this)&&(e.this=this.flowParseFunctionTypeParam(!0),e.this.name=n
ull,this.match(o.parenR)||this.expect(o.comma));!this.match(o.parenR)&&!this.match(o.ellipsis);)e.params.push(this
.flowParseFunctionTypeParam(!1)),this.match(o.parenR)||this.expect(o.comma);return
this.eat(o.ellipsis)&&(e.rest=this.flowParseFunctionTypeParam(!1)),this.expect(o.parenR),e.returnType=this.flowPa
rseTypeInitialiser(),this.finishNode(e,\\\`FunctionTypeAnnotation\\\`)flowParseObjectTypeCallProperty(e,t){const
r=this.startNode();return
e.static=t,e.value=this.flowParseObjectTypeMethodish(r),this.finishNode(e,\\\`ObjectTypeCallProperty\\\`)flowPar

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seObjectType({ allowStatic:e,allowExact:t,allowSpread:r,allowProto:n,allowInexact:i }) { const
s=this.state.inType;this.state.inType=!0;const a=this.startNode();let
l,c;a.callProperties=[],a.properties=[],a.indexers=[],a.internalSlots=[];let
p=!1;for(t&&this.match(o.braceBarL)?(this.expect(o.braceBarL),l=o.braceBarR,c=!0):(this.expect(o.braceL),l=o.braceR,c=!1),a.exact=c;!this.match(l)){let t=!1,s=null,l=null;const
u=this.startNode();if(n&&this.isContextual(("\\proto\\"))){ const
t=this.lookahead();t.type!==o.colon&&t.type!==o.question&&(this.next(),s=this.state.start,e=!1)}if(e&&this.isContextual(("\\static\\"))){ const e=this.lookahead();e.type!==o.colon&&e.type!==o.question&&(this.next(),t=!0)}const
d=this.flowParseVariance();if(this.eat(o.bracketL))null!=s&&this.unexpected(s),this.eat(o.bracketL)?(d&&this.unexpected(d.start),a.internalSlots.push(this.flowParseObjectTypeInternalSlot(u,t)):a.indexers.push(this.flowParseObjectTypeIndexer(u,t,d));else
if(this.match(o.parenL)||this.isRelational(("\\<\\"))null!=s&&this.unexpected(s),d&&this.unexpected(d.start),a.callProperties.push(this.flowParseObjectTypeCallProperty(u,t));else { let
e=("\\init\\"");if(this.isContextual(("\\get\\""))||this.isContextual(("\\set\\""))){ const
t=this.lookahead();t.type!==o.name&&t.type!==o.string&&t.type!==o.num||(e=this.state.value,this.next())}const
n=this.flowParseObjectTypeProperty(u,t,s,d,e,r,null!=i?:i!c);null===n?(p=!0,l=this.state.lastTokStart):a.properties.push(n)}this.flowObjectTypeSemicolon(),!||this.match(o.braceR)||this.match(o.braceBarR)||this.raise(l,J.UnexpectedExplicitInexactInObject)}this.expect(l),r&&(a.inexact=p);const
u=this.finishNode(a,("\\ObjectTypeAnnotation\\"));return
this.state.inType=s,u}flowParseObjectTypeProperty(e,t,r,n,i,s,a){ if(this.eat(o.ellipsis)){ return
this.match(o.comma)||this.match(o.semi)||this.match(o.braceR)||this.match(o.braceBarR)?(s?a||this.raise(this.state.lastTokStart,J.InexactInsideExact):this.raise(this.state.lastTokStart,J.InexactInsideNonObject),n&&this.raise(n.start,J.InexactVariance),null):(s||this.raise(this.state.lastTokStart,J.UnexpectedSpreadType),null!=r&&this.unexpected(r),n&&this.raise(n.start,J.SpreadVariance),e.argument=this.flowParseType(),this.finishNode(e,("\\ObjectTypeSpreadProperty\\"))){ e.key=this.flowParseObjectPropertyKey(),e.static=t,e.proto=null!=r,e.kind=i;let a=!1;return
this.isRelational(("\\<\\"))||this.match(o.parenL)?(e.method=!0,null!=r&&this.unexpected(r),n&&this.unexpected(n.start),e.value=this.flowParseObjectTypeMethodish(this.startNodeAt(e.start,e.loc.start)),("\\get\\")!=i&&("\\set\\")!=i||this.flowCheckGetterSetterParams(e),!s&&("\\constructor\\")==e.key.name&&e.value.this&&this.raise(e.value.start,J.ThisParamBannedInConstructor)):("\\init\\")!=i&&this.unexpected(),e.method=!1,this.eat(o.question)&&(a=!0),e.value=this.flowParseTypeInitialiser(),e.variance=n,e.optional=a,this.finishNode(e,("\\ObjectTypeProperty\\"))}flowCheckGetterSetterParams(e){ const
t=("\\get\\")==e.kind?0:1,r=e.start,n=e.value.params.length+(e.value.rest?1:0);e.value.this&&this.raise(e.value.start,("\\get\\")==e.kind?J.GetterMayNotHaveThisParam:J.SetterMayNotHaveThisParam),n!=t&&("\\get\\")==e.kind?this.raise(r,T.BadGetterArity):this.raise(r,T.BadSetterArity),("\\set\\")==e.kind&&e.value.rest&&this.raise(r,T.BadSetterRestParameter)}flowObjectTypeSemicolon(){ this.eat(o.semi)||this.eat(o.comma)||this.match(o.braceR)||this.match(o.braceBarR)||this.unexpected()}flowParseQualifiedTypeIdentifier(e,t,r){ e=e||this.state.start,t=t||this.state.startLoc;let n=r||this.flowParseRestrictedIdentifier(!0);for(;this.eat(o.dot);){ const
r=this.startNodeAt(e,t);r.qualification=n,r.id=this.flowParseRestrictedIdentifier(!0),n=this.finishNode(r,("\\QualifiedTypeIdentifier\\"))return n}flowParseGenericType(e,t,r){ const n=this.startNodeAt(e,t);return
n.typeParameters=null,n.id=this.flowParseQualifiedTypeIdentifier(e,t,r),this.isRelational(("\\<\\"))&&(n.typeParameters=this.flowParseTypeParameterInstantiation()),this.finishNode(n,("\\GenericTypeAnnotation\\"))}flowParseTypeofType(){ const e=this.startNode();return
this.expect(o._typeof),e.argument=this.flowParsePrimaryType(),this.finishNode(e,("\\TypeofTypeAnnotation\\"))}flowParseTupleType(){ const
e=this.startNode();for(e.types=[],this.expect(o.bracketL);this.state.pos<this.length&&!this.match(o.bracketR)&&(e.types.push(this.flowParseType()),!this.match(o.bracketR));)this.expect(o.comma);return
this.expect(o.bracketR),this.finishNode(e,("\\TupleTypeAnnotation\\"))}flowParseFunctionTypeParam(e){ let
t=null,r=!1,n=null;const i=this.startNode(),s=this.lookahead(),a=this.state.type===o._this;return

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s.type===o.colon||s.type===o.question?(a&&!e&&this.raise(i.start,J.ThisParamMustBeFirst),t=this.parseIdentifier(
a),this.eat(o.question)&&(r=!0,a&&this.raise(i.start,J.ThisParamMayNotBeOptional)),n=this.flowParseTypeInitialis
er():n=this.flowParseType(),i.name=t,i.optional=r,i.typeAnnotation=n,this.finishNode(i,\\\\"FunctionTypeParam\\\\"))
}reinterpretTypeAsFunctionTypeParam(e){const t=this.startNodeAt(e.start,e.loc.start);return
t.name=null,t.optional=!1,t.typeAnnotation=e,this.finishNode(t,\\\\"FunctionTypeParam\\\\"))}flowParseFunctionType
Params(e=[]){let
t=null,r=null;for(this.match(o._this)&&(r=this.flowParseFunctionTypeParam(!0),r.name=null,this.match(o.parenR)||
this.expect(o.comma));!this.match(o.parenR)&&!this.match(o.ellipsis);)e.push(this.flowParseFunctionTypeParam(!
1)),this.match(o.parenR)||this.expect(o.comma);return
this.eat(o.ellipsis)&&(t=this.flowParseFunctionTypeParam(!1)),{params:e,rest:t,_this:r}}flowIdentToTypeAnnotati
on(e,t,r,n){switch(n.name){case\\\\"any\\\\":return
this.finishNode(r,\\\\"AnyTypeAnnotation\\\\"");case\\\\"bool\\\\":case\\\\"boolean\\\\":return
this.finishNode(r,\\\\"BooleanTypeAnnotation\\\\"");case\\\\"mixed\\\\":return
this.finishNode(r,\\\\"MixedTypeAnnotation\\\\"");case\\\\"empty\\\\":return
this.finishNode(r,\\\\"EmptyTypeAnnotation\\\\"");case\\\\"number\\\\":return
this.finishNode(r,\\\\"NumberTypeAnnotation\\\\"");case\\\\"string\\\\":return
this.finishNode(r,\\\\"StringTypeAnnotation\\\\"");case\\\\"symbol\\\\":return
this.finishNode(r,\\\\"SymbolTypeAnnotation\\\\"");default:return
this.checkNotUnderscore(n.name),this.flowParseGenericType(e,t,n)}}flowParsePrimaryType(){const
e=this.state.start,t=this.state.startLoc,r=this.startNode();let n,i,s=!1;const
a=this.state.noAnonFunctionType;switch(this.state.type){case o.name:return
this.isContextual(\\\\"interface\\\\")?this.flowParseInterfaceType():this.flowIdentToTypeAnnotation(e,t,r,this.parseIde
ntifier());case o.braceL:return
this.flowParseObjectType({allowStatic:!1,allowExact:!1,allowSpread:!0,allowProto:!1,allowInexact:!0});case
o.braceBarL:return
this.flowParseObjectType({allowStatic:!1,allowExact:!0,allowSpread:!0,allowProto:!1,allowInexact:!1});case
o.bracketL:return
this.state.noAnonFunctionType=!1,i=this.flowParseTupleType(),this.state.noAnonFunctionType=a,i;case
o.relational;if(\\\\"<\\\\"===this.state.value)return
r.typeParameters=this.flowParseTypeParameterDeclaration(),this.expect(o.parenL),n=this.flowParseFunctionTypeP
arams(),r.params=n.params,r.rest=n.rest,r.this=n._this,this.expect(o.parenR),this.expect(o.arrow),r.returnType=this.f
lowParseType(),this.finishNode(r,\\\\"FunctionTypeAnnotation\\\\"");break;case
o.parenL;if(this.next(),!this.match(o.parenR)&&!this.match(o.ellipsis))if(this.match(o.name)||this.match(o._this)){c
onst e=this.lookahead().type;s=e!==o.question&&e!==o.colon}else
s=!0;if(s){if(this.state.noAnonFunctionType=!1,i=this.flowParseType(),this.state.noAnonFunctionType=a,this.state.
noAnonFunctionType||(this.match(o.comma)||this.match(o.parenR)&&this.lookahead().type===o.arrow))return
this.expect(o.parenR),i;this.eat(o.comma)}return
n=i?this.flowParseFunctionTypeParams([this.reinterpretTypeAsFunctionTypeParam(i)]:this.flowParseFunctionTyp
eParams(),r.params=n.params,r.rest=n.rest,r.this=n._this,this.expect(o.parenR),this.expect(o.arrow),r.returnType=thi
s.flowParseType(),r.typeParameters=null,this.finishNode(r,\\\\"FunctionTypeAnnotation\\\\"");case o.string:return
this.parseLiteral(this.state.value,\\\\"StringLiteralTypeAnnotation\\\\"");case o._true:case o._false:return
r.value=this.match(o._true),this.next(),this.finishNode(r,\\\\"BooleanLiteralTypeAnnotation\\\\"");case
o.plusMin;if(\\\\"-\\\\"===this.state.value){if(this.next(),this.match(o.num))return this.parseLiteral(-
this.state.value,\\\\"NumberLiteralTypeAnnotation\\\\"",r.start,r.loc.start);if(this.match(o.bigint))return
this.parseLiteral(-this.state.value,\\\\"BigIntLiteralTypeAnnotation\\\\"",r.start,r.loc.start);throw
this.raise(this.state.start,J.UnexpectedSubtractionOperand)}throw this.unexpected();case o.num:return
this.parseLiteral(this.state.value,\\\\"NumberLiteralTypeAnnotation\\\\"");case o.bigint:return
this.parseLiteral(this.state.value,\\\\"BigIntLiteralTypeAnnotation\\\\"");case o._void:return

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this.next(),this.finishNode(r,\\\"VoidTypeAnnotation\\\");case o._null:return
this.next(),this.finishNode(r,\\\"NullLiteralTypeAnnotation\\\");case o._this:return
this.next(),this.finishNode(r,\\\"ThisTypeAnnotation\\\");case o.star:return
this.next(),this.finishNode(r,\\\"ExistsTypeAnnotation\\\");default:if(\\\"typeof\\\"===this.state.type.keyword)return
this.flowParseTypeofType();if(this.state.type.keyword){const e=this.state.type.label;return
this.next(),super.createIdentifier(r,e)}throw this.unexpected()}flowParsePostfixType(){const
e=this.state.start,t=this.state.startLoc;let
r=this.flowParsePrimaryType(),n=!1;for(:(this.match(o.bracketL)||this.match(o.questionDot))&&!this.canInsertSemi
colon());{const
i=this.startNodeAt(e,t),s=this.eat(o.questionDot);n=n||s,this.expect(o.bracketL),!s&&this.match(o.bracketR)?(i.elem
entType=r,this.next(),r=this.finishNode(i,\\\"ArrayTypeAnnotation\\\");(i.objectType=r,i.indexType=this.flowParse
Type(),this.expect(o.bracketR),n?(i.optional=s,r=this.finishNode(i,\\\"OptionalIndexedAccessType\\\");r=this.finish
Node(i,\\\"IndexedAccessType\\\");return r}flowParsePrefixType(){const e=this.startNode();return
this.eat(o.question)?(e.typeAnnotation=this.flowParsePrefixType(),this.finishNode(e,\\\"NullableTypeAnnotation\\\
)):this.flowParsePostfixType()}flowParseAnonFunctionWithoutParens(){const
e=this.flowParsePrefixType();if(!this.state.noAnonFunctionType&&this.eat(o.arrow)){const
t=this.startNodeAt(e.start,e.loc.start);return
t.params=[this.reinterpretTypeAsFunctionTypeParam(e),t.rest=null,t.this=null,t.returnType=this.flowParseType(),t
.typeParameters=null,this.finishNode(t,\\\"FunctionTypeAnnotation\\\");return e}flowParseIntersectionType(){const
e=this.startNode();this.eat(o.bitwiseAND);const
t=this.flowParseAnonFunctionWithoutParens();for(e.types=[t];this.eat(o.bitwiseAND);)e.types.push(this.flowParse
AnonFunctionWithoutParens());return
1===e.types.length?t:this.finishNode(e,\\\"IntersectionTypeAnnotation\\\");flowParseUnionType(){const
e=this.startNode();this.eat(o.bitwiseOR);const
t=this.flowParseIntersectionType();for(e.types=[t];this.eat(o.bitwiseOR);)e.types.push(this.flowParseIntersectionTy
pe());return 1===e.types.length?t:this.finishNode(e,\\\"UnionTypeAnnotation\\\");flowParseType(){const
e=this.state.inType;this.state.inType=!0;const t=this.flowParseUnionType();return
this.state.inType=e,this.state.exprAllowed=this.state.exprAllowed||this.state.noAnonFunctionType,t}flowParseType
OrImplicitInstantiation(){if(this.state.type===o.name&&\\\"_\\\"===this.state.value){const
e=this.state.start,t=this.state.startLoc,r=this.parseIdentifier();return this.flowParseGenericType(e,t,r)}return
this.flowParseType()}flowParseTypeAnnotation(){const e=this.startNode();return
e.typeAnnotation=this.flowParseTypeInitialiser(),this.finishNode(e,\\\"TypeAnnotation\\\");flowParseTypeAnnotata
bleIdentifier(e){const t=e?this.parseIdentifier():this.flowParseRestrictedIdentifier();return
this.match(o.colon)&&(t.typeAnnotation=this.flowParseTypeAnnotation(),this.resetEndLocation(t)),t}typeCastToPa
rameter(e){return
e.expression.typeAnnotation=e.typeAnnotation,this.resetEndLocation(e.expression,e.typeAnnotation.end,e.typeAnn
otation.loc.end),e.expression}flowParseVariance(){let e=null;return
this.match(o.plusMin)&&(e=this.startNode(),\\\"+\\\"===this.state.value?e.kind=\\\"plus\\\":e.kind=\\\"minus\\\",this
.next(),this.finishNode(e,\\\"Variance\\\");e}parseFunctionBody(e,t,r=!1){return
t?this.forwardNoArrowParamsConversionAt(e,()=>super.parseFunctionBody(e,!0,r):super.parseFunctionBody(e,!1,
r)}parseFunctionBodyAndFinish(e,t,r=!1){if(this.match(o.colon)){const
t=this.startNode();[t.typeAnnotation,e.predicate]=this.flowParseTypeAndPredicateInitialiser(),e.returnType=t.typeA
nnotation?this.finishNode(t,\\\"TypeAnnotation\\\"):null}super.parseFunctionBodyAndFinish(e,t,r)}parseStatement(
e,t){if(this.state.strict&&this.match(o.name)&&\\\"interface\\\"===this.state.value){const
e=this.lookahead();if(e.type===o.name||U(e.value)){const e=this.startNode();return
this.next(),this.flowParseInterface(e)}else if(this.shouldParseEnums())&&this.isContextual(\\\"enum\\\");{const
e=this.startNode();return this.next(),this.flowParseEnumDeclaration(e)}const r=super.parseStatement(e,t);return
void

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0!==(this.flowPragma||this.isValidDirective(r)||this.flowPragma=null,r)}parseExpressionStatement(e,t){if(\\\\"Identifier\\\\"===t.type)if(\\\\"declare\\\\"===t.name){if(this.match(o._class)||this.match(o.name)||this.match(o._function)||this.match(o._var)||this.match(o._export))return this.flowParseDeclare(e)}else
if(this.match(o.name)){if(\\\\"interface\\\\"===t.name)return this.flowParseInterface(e);if(\\\\"type\\\\"===t.name)return
this.flowParseTypeAlias(e);if(\\\\"opaque\\\\"===t.name)return this.flowParseOpaqueType(e,!1)}return
super.parseExpressionStatement(e,t)}shouldParseExportDeclaration(){return
this.isContextual(\\\\"type\\\\")||this.isContextual(\\\\"interface\\\\")||this.isContextual(\\\\"opaque\\\\")||this.shouldParseEnums()&&this.isContextual(\\\\"enum\\\\")||super.shouldParseExportDeclaration()}isExportDefaultSpecifier(){return(!this.match(o.name)||!(\\\\"type\\\\"===this.state.value||\\\\"interface\\\\"===this.state.value||\\\\"opaque\\\\"===this.state.value||this.shouldParseEnums()&&\\\\"enum\\\\"===this.state.value))&&super.isExportDefaultSpecifier()}parseExportDefaultExpression(){if(this.shouldParseEnums()&&this.isContextual(\\\\"enum\\\\")){const e=this.startNode();return this.next(),this.flowParseEnumDeclaration(e)}return
super.parseExportDefaultExpression()}parseConditional(e,t,r,n){if(!this.match(o.question))return e;if(n){const i=this.tryParse(=>super.parseConditional(e,t,r));return
i.node?(i.error&&(this.state=i.failState),i.node):(n.start=i.error.pos||this.state.start,e)}this.expect(o.question);const i=this.state.clone(),s=this.state.noArrowAt,a=this.startNodeAt(t,r);let {consequent:l,failed:c}=this.tryParseConditionalConsequent(),[p,u]=this.getArrowLikeExpressions(l);if(c||u.length>0){const e=[...s];if(u.length>0){this.state=i,this.state.noArrowAt=e;for(let t=0;t<u.length;t++)e.push(u[t].start);({consequent:l,failed:c}=this.tryParseConditionalConsequent(),[p,u]=this.getArrowLikeExpressions(l)}c&&p.length>1&&this.raise(i.start,J.AmbiguousConditionalArrow),c&&1===p.length&&(this.state=i,this.state.noArrowAt=e.concat(p[0].start),({consequent:l,failed:c}=this.tryParseConditionalConsequent()))}return
this.getArrowLikeExpressions(l,!0),this.state.noArrowAt=s,this.expect(o.colon),a.test=e,a.consequent=l,a.alternate=this.forwardNoArrowParamsConversionAt(a,=>this.parseMaybeAssign(void 0,void 0,void 0)),this.finishNode(a,\\\\"ConditionalExpression\\\\")}tryParseConditionalConsequent(){this.state.noArrowParamsConversionAt.push(this.state.start);const e=this.parseMaybeAssignAllowIn(),t=!this.match(o.colon);return
this.state.noArrowParamsConversionAt.pop(),{consequent:e,failed:t}}getArrowLikeExpressions(e,t){const r=[e],n=[];for(;0!==r.length;){const e=r.pop();\\\\"ArrowFunctionExpression\\\\"===e.type?(e.typeParameters||e.returnType?this.finishArrowValidation(e):n.push(e),r.push(e.body)):\\\\"ConditionalExpression\\\\"===e.type&&(r.push(e.consequent),r.push(e.alternate))}return t?(n.forEach(e=>this.finishArrowValidation(e)),[n,[]]):function(e,t){const r=[],n=[];for(let i=0;i<e.length;i++){(t[e[i]],i,e)?r:n).push(e[i]);return[r,n]}(n,e=>e.params.every(e=>this.isAssignable(e,!0)))}finishArrowValidation(e){var t;this.toAssignableList(e.params,null==(t=e.extra)?void 0:t.trailingComma,!1),this.scope.enter(6),super.checkParams(e,!1,!0),this.scope.exit()}forwardNoArrowParamsConversionAt(e,t){let r;return-
1!==(this.state.noArrowParamsConversionAt.indexOf(e.start)?(this.state.noArrowParamsConversionAt.push(this.state.start),r=t(),this.state.noArrowParamsConversionAt.pop():r=t(),r)}parseParenItem(e,t,r){if(e=super.parseParenItem(e,t,r),this.eat(o.question)&&(e.optional=!0,this.resetEndLocation(e)),this.match(o.colon)){const n=this.startNodeAt(t,r);return
n.expression=e,n.typeAnnotation=this.flowParseTypeAnnotation(),this.finishNode(n,\\\\"TypeCastExpression\\\\")}return
e}assertModuleNodeAllowed(e){\\\\"ImportDeclaration\\\\"===e.type&&(\\\\"type\\\\"===e.importKind||\\\\"typeof\\\\"===e.importKind)||\\\\"ExportNamedDeclaration\\\\"===e.type&&(\\\\"type\\\\"===e.exportKind||\\\\"ExportAllDeclaration\\\\"===e.type&&(\\\\"type\\\\"===e.exportKind||super.assertModuleNodeAllowed(e)}parseExport(e){const t=super.parseExport(e);return\\\\"ExportNamedDeclaration\\\\"!==t.type&&(\\\\"ExportAllDeclaration\\\\"!==t.type||t.exportKind=t.exportKind||\\\\"value\\\\"),t}parseExportDeclaration(e){if(this.isContextual(\\\\"type\\\\")){e.exportKind=\\\\"type\\\\";const t=this.startNode();return
this.next(),this.match(o.braceL)?(e.specifiers=this.parseExportSpecifiers(),this.parseExportFrom(e),null):this.flowPa

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rseTypeAlias(t)}if(this.isContextual(\\\\"opaque\\\\")){e.exportKind=\\\\"type\\\\";const t=this.startNode();return
this.next(),this.flowParseOpaqueType(t,!1)}if(this.isContextual(\\\\"interface\\\\")){e.exportKind=\\\\"type\\\\";const
t=this.startNode();return
this.next(),this.flowParseInterface(t)}if(this.shouldParseEnums())&&this.isContextual(\\\\"enum\\\\")){e.exportKind=\\\\"
value\\\\";const t=this.startNode();return this.next(),this.flowParseEnumDeclaration(t)}return
super.parseExportDeclaration(e)}eatExportStar(e){return!!super.eatExportStar(...arguments)}!(this.isContextual(\\\\"
type\\\\"))||this.lookahead().type!==o.star}&&(e.exportKind=\\\\"type\\\\" ,this.next(),this.next(),!0)}maybeParseExport
NamespaceSpecifier(e){const t=this.state.start,r=super.maybeParseExportNamespaceSpecifier(e);return
r&&\\\\"type\\\\"===e.exportKind&&this.unexpected(t,r)}parseClassId(e,t,r){super.parseClassId(e,t,r),this.isRelation
al(\\\\"<\\\\")&&(e.typeParameters=this.flowParseTypeParameterDeclaration())}parseClassMember(e,t,r){const
n=this.state.start;if(this.isContextual(\\\\"declare\\\\")){if(this.parseClassMemberFromModifier(e,t))return;t.declare=!
0}super.parseClassMember(e,t,r),t.declare&&(\\\\"ClassProperty\\\\"!==t.type&&\\\\"ClassPrivateProperty\\\\"!==t.typ
e&&\\\\"PropertyDefinition\\\\"!==t.type?this.raise(n,J.DeclareClassElement):t.value&&this.raise(t.value.start,J.Decla
reClassFieldInitializer))}isIterator(e){return\\\\"iterator\\\\"===e||\\\\"asyncIterator\\\\"===e}readIterator(){const
e=super.readWord1(),t=\\\\"@\\\\"+e;this.isIterator(e)&&this.state.inType||this.raise(this.state.pos,T.InvalidIdentifie
r,t),this.finishToken(o.name,t)}getTokenFromCode(e){const t=this.input.charCodeAt(this.state.pos+1);return
123===e&&124===t?this.finishOp(o.braceBarL,2):!this.state.inType||62!==e&&60!==e?this.state.inType&&63===
=e?46===t?this.finishOp(o.questionDot,2):this.finishOp(o.question,1):function(e,t){return
64===e&&64===t}(e,t)?(this.state.pos+=2,this.readIterator()):super.getTokenFromCode(e):this.finishOp(o.relation
al,1)}isAssignable(e,t){switch(e.type){case\\\\"Identifier\\\\" :case\\\\"ObjectPattern\\\\" :case\\\\"ArrayPattern\\\\" :case\\\\"
AssignmentPattern\\\\" :return!0;case\\\\"ObjectExpression\\\\" :{const t=e.properties.length-1;return
e.properties.every((e,r)=>\\\\"ObjectMethod\\\\"!==e.type&&(r===t||\\\\"SpreadElement\\\\"===e.type)&&this.isAssign
able(e))}case\\\\"ObjectProperty\\\\" :return this.isAssignable(e.value);case\\\\"SpreadElement\\\\" :return
this.isAssignable(e.argument);case\\\\"ArrayExpression\\\\" :return
e.elements.every(e=>this.isAssignable(e));case\\\\"AssignmentExpression\\\\" :return\\\\"=\\\\"===e.operator;case\\\\"Par
thesizedExpression\\\\" :case\\\\"TypeCastExpression\\\\" :return
this.isAssignable(e.expression);case\\\\"MemberExpression\\\\" :case\\\\"OptionalMemberExpression\\\\" :return!t;default
:return!1}}toAssignable(e,t=!1){return\\\\"TypeCastExpression\\\\"===e.type?super.toAssignable(this.typeCastToPar
ameter(e),t):super.toAssignable(e,t)}toAssignableList(e,t,r){for(let t=0;t<e.length;t++){const
r=e[t];\\\\"TypeCastExpression\\\\"===e.type?(null===r?void 0:r.type)&&(e[t]=this.typeCastToParameter(r))}return
super.toAssignableList(e,t,r)}toReferencedList(e,t){for(let n=0;n<e.length;n++){var r;const
i=e[n];!i||\\\\"TypeCastExpression\\\\"!==i.type||null!=(r=i.extra)&&r.pthesized||!(e.length>1)&&t||this.raise(i.typ
eAnnotation.start,J.TypeCastInPattern)}return e}parseArrayLike(e,t,r,n){const
i=super.parseArrayLike(e,t,r,n);return
t&&!this.state.maybeInArrowParameters&&this.toReferencedList(i.elements,i)}checkLVal(e,...t){if(\\\\"TypeCastEx
pression\\\\"!==e.type)return super.checkLVal(e,...t)}parseClassProperty(e){return
this.match(o.colon)&&(e.typeAnnotation=this.flowParseTypeAnnotation()),super.parseClassProperty(e)}parseClass
PrivateProperty(e){return
this.match(o.colon)&&(e.typeAnnotation=this.flowParseTypeAnnotation()),super.parseClassPrivateProperty(e)}isC
lassMethod(){return this.isRelational(\\\\"<\\\\")||super.isClassMethod()}isClassProperty(){return
this.match(o.colon)||super.isClassProperty()}isNonstaticConstructor(e){return!this.match(o.colon)&&super.isNonsta
ticConstructor(e)}pushClassMethod(e,t,r,n,i,s){if(t.variance&&this.unexpected(t.variance.start),delete
t.variance,this.isRelational(\\\\"<\\\\")&&(t.typeParameters=this.flowParseTypeParameterDeclaration()),super.pushCl
assMethod(e,t,r,n,i,s),t.params&&i){const
e=t.params;e.length>0&&this.isThisParam(e[0])&&this.raise(t.start,J.ThisParamBannedInConstructor)}else
if(\\\\"MethodDefinition\\\\"===t.type&&i&&t.value.params){const
e=t.value.params;e.length>0&&this.isThisParam(e[0])&&this.raise(t.start,J.ThisParamBannedInConstructor)}push
ClassPrivateMethod(e,t,r,n){t.variance&&this.unexpected(t.variance.start),delete

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t.variance,this.isRelational(\\\\"<\\\\"))&&(t.typeParameters=this.flowParseTypeParameterDeclaration()),super.pushClassPrivateMethod(e,t,r,n)}parseClassSuper(e){if(super.parseClassSuper(e),e.superClass&&this.isRelational(\\\\"<\\\\"))&&(e.superTypeParameters=this.flowParseTypeParameterInstantiation()),this.isContextual(\\\\"implements\\\\"))){this.s.next();const t=e.implements=[];do{const e=this.startNode();e.id=this.flowParseRestrictedIdentifier(!0),this.isRelational(\\\\"<\\\\")?e.typeParameters=this.flowParseTypeParameterInstantiation():e.typeParameters=null,t.push(this.finishNode(e,\\\\"ClassImplements\\\\"))}while(!this.eat(o.comma))}checkGetterSetterParams(e){super.checkGetterSetterParams(e);const t=this.getObjectOrClassMethodParams(e);if(t.length>0){const r=t[0];this.isThisParam(r)&&\\\\"get\\\\"===e.kind?this.raise(r.start,J.GetterMayNotHaveThisParam):this.isThisParam(r)&&this.raise(r.start,J.SetterMayNotHaveThisParam)} }parsePropertyName(e,t){const r=this.flowParseVariance(),n=super.parsePropertyName(e,t);return e.variance=r,n}parseObjPropValue(e,t,r,n,i,s,a,l){let c;e.variance&&this.unexpected(e.variance.start),delete e.variance,this.isRelational(\\\\"<\\\\"))&&!a&&(c=this.flowParseTypeParameterDeclaration(),this.match(o.parenL)||this.is.unexpected()),super.parseObjPropValue(e,t,r,n,i,s,a,l),c&&((e.value||e).typeParameters=c)}parseAssignableListItemTypes(e){return this.eat(o.question)&&(\\\\"Identifier\\\\")!==e.type&&this.raise(e.start,J.OptionalBindingPattern),this.isThisParam(e)&&this.raise(e.start,J.ThisParamMayNotBeOptional),e.optional=!0),this.match(o.colon)?e.typeAnnotation=this.flowParseTypeAnnotation():this.isThisParam(e)&&this.raise(e.start,J.ThisParamAnnotationRequired),this.match(o.eq)&&this.isThisParam(e)&&this.raise(e.start,J.ThisParamNoDefault),this.resetEndLocation(e),e)}parseMaybeDefault(e,t,r){const n=super.parseMaybeDefault(e,t,r);return\\\\"AssignmentPattern\\\\"===n.type&&n.typeAnnotation&&n.right.start<n.typeAnnotation.start&&this.raise(n.typeAnnotation.start,J.TypeBeforeInitializer),n}shouldParseDefaultImport(e){return H(e)?G(this.state):super.shouldParseDefaultImport(e)}parseImportSpecifierLocal(e,t,r,n){t.local=H(e)?this.flowParseRestrictedIdentifier(!0,!0):this.parseIdentifier(),this.checkLVal(t.local,n,9),e.specifiers.push(this.finishNode(t,r))}maybeParseDefaultImportSpecifier(e){e.importKind=\\\\"value\\\\";let t=null;if(this.match(o._typeof)?t=\\\\"typeof\\\\":this.isContextual(\\\\"type\\\\"))&&(t=\\\\"type\\\\"),t){const r=this.lookahead();\\\\"type\\\\"===t&&r.type===o.star&&this.unexpected(r.start),(G(r)||r.type===o.braceL||r.type===o.star)&&(this.next(),e.importKind=t)}return super.maybeParseDefaultImportSpecifier(e)}parseImportSpecifier(e){const t=this.startNode(),r=this.state.start,n=this.parseModuleExportName();let i=null;\\\\"Identifier\\\\"===n.type&&(\\\\"type\\\\"===n.name?i=\\\\"type\\\\":\\\\"typeof\\\\"===n.name&&(i=\\\\"typeof\\\\"));let s=!1;if(this.isContextual(\\\\"as\\\\"))&&!this.isLookaheadContextual(\\\\"as\\\\")){const e=this.parseIdentifier(!0);null===i||this.match(o.name)||this.state.type.keyword?(t.imported=n,t.importKind=null,t.local=this.parseIdentifier():t.imported=e,t.importKind=i,t.local=e.__clone())}else if(null!==i&&(this.match(o.name)||this.state.type.keyword))t.imported=this.parseIdentifier(!0),t.importKind=i,this.eatContextual(\\\\"as\\\\")?t.local=this.parseIdentifier():(s=!0,t.local=t.imported.__clone());else{if(\\\\"StringLiteral\\\\"===n.type)throw this.raise(t.start,T.ImportBindingIsString,n.value);s=!0,t.imported=n,t.importKind=null,t.local=t.imported.__clone()}const a=H(e),l=H(t);a&&l&&this.raise(r,J.ImportTypeShorthandOnlyInPureImport),(a||l)&&this.checkReservedType(t.local.name,t.local.start,!0),!s||a||l||this.checkReservedWord(t.local.name,t.start,!0,!0),this.checkLVal(t.local,\\\\"import specifier\\\\"),e.specifiers.push(this.finishNode(t,\\\\"ImportSpecifier\\\\"))}parseBindingAtom(){switch(this.state.type){case o._this:return this.parseIdentifier(!0);default:return super.parseBindingAtom()} }parseFunctionParams(e,t){const r=e.kind;\\\\"get\\\\"!==r&&\\\\"set\\\\"!==r&&this.isRelational(\\\\"<\\\\"))&&(e.typeParameters=this.flowParseTypeParameterDeclaration()),super.parseFunctionParams(e,t)}parseVarId(e,t){super.parseVarId(e,t),this.match(o.colon)&&(e.id.typeAnnotation=this.flowParseTypeAnnotation(),this.resetEndLocation(e.id))}parseAsyncArrowFromCallExpre

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ssion(e,t){if(this.match(o.colon)){const
t=this.state.noAnonFunctionType;this.state.noAnonFunctionType=!0,e.returnType=this.flowParseTypeAnnotation()
,this.state.noAnonFunctionType=t}return
super.parseAsyncArrowFromCallExpression(e,t)}shouldParseAsyncArrow(){return
this.match(o.colon)||super.shouldParseAsyncArrow()}parseMaybeAssign(e,t,r){var n;let
i,s=null;if(this.hasPlugin(\\\\"jsx\\\\"))&&(this.match(o.jsxTagStart)||this.isRelational(\\\\"<\\\\"))){if(s=this.state.clone(),
i=this.tryParse(=>super.parseMaybeAssign(e,t,r),s),!i.error)return i.node;const{context:n}=this.state;n[n.length-
1]==x.j_oTag?n.length-=2:n[n.length-1]==x.j_expr&&(n.length-
=1)}if(null!=(n=i)&&n.error||this.isRelational(\\\\"<\\\\")){var a,l;let n;s=s||this.state.clone();const
o=this.tryParse(i=>{var s;n=this.flowParseTypeParameterDeclaration();const
a=this.forwardNoArrowParamsConversionAt(n,=>{const i=super.parseMaybeAssign(e,t,r);return
this.resetStartLocationFromNode(i,n,i)});\\\\"ArrowFunctionExpression\\\\"!==(s=a.extra)&&s.parent
hesized&&i());const o=this.maybeUnwrapTypeCastExpression(a);return
o.typeParameters=n,this.resetStartLocationFromNode(o,n,a},s);let
c=null;if(o.node&&\\\\"ArrowFunctionExpression\\\\"===this.maybeUnwrapTypeCastExpression(o.node).type){if(!o
.error&&!o.aborted)return
o.node.async&&this.raise(n.start,J.UnexpectedTypeParameterBeforeAsyncArrowFunction),o.node;c=o.node}if(null
!=(a=i)&&a.node)return this.state=i.failState,i.node;if(c)return
this.state=o.failState,c;if(null!=(l=i)&&l.thrown)throw i.error;if(o.thrown)throw o.error;throw
this.raise(n.start,J.UnexpectedTokenAfterTypeParameter)}return
super.parseMaybeAssign(e,t,r)}parseArrow(e){if(this.match(o.colon)){const t=this.tryParse(=>{const
t=this.state.noAnonFunctionType;this.state.noAnonFunctionType=!0;const
r=this.startNode();return[r.typeAnnotation,e.predicate]=this.flowParseTypeAndPredicateInitialiser(),this.state.noAn
onFunctionType=t,this.canInsertSemicolon())&&this.unexpected(),this.match(o.arrow)||this.unexpected(),r});if(t.thro
wn)return
null;t.error&&(this.state=t.failState),e.returnType=t.node.typeAnnotation?this.finishNode(t.node,\\\\"TypeAnnotatio
n\\\\"):null}return super.parseArrow(e)}shouldParseArrow(){return
this.match(o.colon)||super.shouldParseArrow()}setArrowFunctionParameters(e,t){-
1!==(this.state.noArrowParamsConversionAt.indexOf(e.start)?e.params=t.super.setArrowFunctionParameters(e,t)}c
heckParams(e,t,r){if(!r|-1===this.state.noArrowParamsConversionAt.indexOf(e.start))){for(let
t=0;t<e.params.length;t++)this.isThisParam(e.params[t])&&t>0&&this.raise(e.params[t].start,J.ThisParamMustBeFi
rst);return super.checkParams(...arguments)}}parseParenAndDistinguishExpression(e){return
super.parseParenAndDistinguishExpression(e&&-
1===this.state.noArrowAt.indexOf(this.state.start))}parseSubscripts(e,t,r,n){if(\\\\"Identifier\\\\"===e.type&&\\\\"asyn
c\\\\"===e.name&&-1!==(this.state.noArrowAt.indexOf(t))){this.next();const
n=this.startNodeAt(t,r);n.callee=e,n.arguments=this.parseCallExpressionArguments(o.parenR,!1),e=this.finishNode(
n,\\\\"CallExpression\\\\")}else
if(\\\\"Identifier\\\\"===e.type&&\\\\"async\\\\"===e.name&&this.isRelational(\\\\"<\\\\")){const
i=this.state.clone(),s=this.tryParse(e=>this.parseAsyncArrowWithTypeParameters(t,r)||e),i;if(!s.error&&!s.aborted
)return s.node;const a=this.tryParse(=>super.parseSubscripts(e,t,r,n),i);if(a.node&&!a.error)return
a.node;if(s.node)return this.state=s.failState,s.node;if(a.node)return this.state=a.failState,a.node;throw
s.error||a.error}return
super.parseSubscripts(e,t,r,n)}parseSubscript(e,t,r,n,i){if(this.match(o.questionDot)&&this.isLookaheadToken_It())
{if(i.optionalChainMember=!0,n)return i.stop=!0,e,this.next();const s=this.startNodeAt(t,r);return
s.callee=e,s.typeArguments=this.flowParseTypeParameterInstantiation(),this.expect(o.parenL),s.arguments=this.par
seCallExpressionArguments(o.parenR,!1),s.optional=!0,this.finishCallExpression(s,!0)}if(!n&&this.shouldParseTyp
es())&&this.isRelational(\\\\"<\\\\")){const n=this.startNodeAt(t,r);n.callee=e;const
s=this.tryParse(=>(n.typeArguments=this.flowParseTypeParameterInstantiationCallOrNew(),this.expect(o.parenL)

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,n.arguments=this.parseCallExpressionArguments(o.parenR,!1),i.optionalChainMember&&(n.optional=!1),this.finishCallExpression(n,i.optionalChainMember));if(s.node)return s.error&&(this.state=s.failState),s.node}return
super.parseSubscript(e,t,r,n,i)}parseNewArguments(e){let
t=null;this.shouldParseTypes()&&this.isRelational(\\\\"<\\\\")&&(t=this.tryParse(=>this.flowParseTypeParameterInstantiationCallOrNew()).node),e.typeArguments=t,super.parseNewArguments(e)}parseAsyncArrowWithTypeParameters(e,t){const r=this.startNodeAt(e,t);if(this.parseFunctionParams(r),this.parseArrow(r))return
this.parseArrowExpression(r,void 0,!0)}readToken_mult_modulo(e){const
t=this.input.charCodeAt(this.state.pos+1);if(42===e&&47===t&&this.state.hasFlowComment)return
this.state.hasFlowComment=!1,this.state.pos+=2,void
this.nextToken();super.readToken_mult_modulo(e)}readToken_pipe_amp(e){const
t=this.input.charCodeAt(this.state.pos+1);124!==(e||125!==(t?super.readToken_pipe_amp(e):this.finishOp(o.braceBarR,2))}parseTopLevel(e,t){const r=super.parseTopLevel(e,t);return
this.state.hasFlowComment&&this.raise(this.state.pos,J.UnterminatedFlowComment),r}skipBlockComment(){if(this.state.hasFlowComment&&this.skipFlowComment())return
this.state.hasFlowComment&&this.unexpected(null,J.NestedFlowComment),this.state.hasFlowCommentCompletion(),this.state.pos+=this.skipFlowComment(),void(this.state.hasFlowComment=!0);if(this.state.hasFlowComment){const
e=this.input.indexOf(\\\\"*-^\\\\" ,this.state.pos+=2);if(-1===e)throw this.raise(this.state.pos-2,T.UnterminatedComment);this.state.pos=e+3}else
super.skipBlockComment()}skipFlowComment(){const{pos:e}=this.state;let
t=2;for(;[32,9].includes(this.input.charCodeAt(e+t));)t++;const
r=this.input.charCodeAt(t+e),n=this.input.charCodeAt(t+e+1);return 58===r&&58===n?t+2:\\\\"flow-include\\\\"===this.input.slice(t+e,t+e+12)?t+12:58===r&&58!==(n&&t)}hasFlowCommentCompletion(){if(-1===this.input.indexOf(\\\\"*^\\\\" ,this.state.pos))throw
this.raise(this.state.pos,T.UnterminatedComment)}flowEnumErrorBooleanMemberNotInitialized(e,{enumName:t,memberName:r}){this.raise(e,J.EnumBooleanMemberNotInitialized,r,t)}flowEnumErrorInvalidMemberName(e,{enumName:t,memberName:r}){const
n=r[0].toUpperCase()+r.slice(1);this.raise(e,J.EnumInvalidMemberName,r,n,t)}flowEnumErrorDuplicateMemberName(e,{enumName:t,memberName:r}){this.raise(e,J.EnumDuplicateMemberName,r,t)}flowEnumErrorInconsistentMemberValues(e,{enumName:t}){this.raise(e,J.EnumInconsistentMemberValues,t)}flowEnumErrorInvalidExplicitType(e,{enumName:t,suppliedType:r}){return
this.raise(e,null===r?J.EnumInvalidExplicitTypeUnknownSupplied:J.EnumInvalidExplicitType,t,r)}flowEnumErrorInvalidMemberInitializer(e,{enumName:t,explicitType:r,memberName:n}){let
i=null;switch(r){case\\\\"boolean\\\\" :case\\\\"number\\\\" :case\\\\"string\\\\" :i=J.EnumInvalidMemberInitializerPrimaryType;break;case\\\\"symbol\\\\" :i=J.EnumInvalidMemberInitializerSymbolType;break;default:i=J.EnumInvalidMemberInitializerUnknownType}return
this.raise(e,i,t,n,r)}flowEnumErrorNumberMemberNotInitialized(e,{enumName:t,memberName:r}){this.raise(e,J.EnumNumberMemberNotInitialized,t,r)}flowEnumErrorStringMemberInconsistentlyInitailized(e,{enumName:t}){this.raise(e,J.EnumStringMemberInconsistentlyInitailized,t)}flowEnumMemberInit(){const
e=this.state.start,t=(==>this.match(o.comma)||this.match(o.braceR));switch(this.state.type){case o.num:{const
r=this.parseLiteral(this.state.value,\\\\"NumericLiteral\\\\" );return
t)?{type:\\\\"number\\\\" ,pos:r.start,value:r}:{type:\\\\"invalid\\\\" ,pos:e }}case o.string:{const
r=this.parseLiteral(this.state.value,\\\\"StringLiteral\\\\" );return
t)?{type:\\\\"string\\\\" ,pos:r.start,value:r}:{type:\\\\"invalid\\\\" ,pos:e }}case o._true:case o._false:{const
r=this.parseBooleanLiteral();return
t)?{type:\\\\"boolean\\\\" ,pos:r.start,value:r}:{type:\\\\"invalid\\\\" ,pos:e }}default:return{type:\\\\"invalid\\\\" ,pos:e }}flowEnumMemberRaw(){const
e=this.state.start;return{id:this.parseIdentifier(!0),init:this.eat(o.eq)?this.flowEnumMemberInit():{type:\\\\"none\\\\" ,pos:e }}}flowEnumCheckExplicitTypeMismatch(e,t,r){const{explicitType:n}=t,null!==(n&&n!==(r&&this.flowEnum

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ErrorInvalidMemberInitializer(e,t)}flowEnumMembers({enumName:e,explicitType:t}){const r=new
Set,n={booleanMembers:[],numberMembers:[],stringMembers:[],defaultedMembers:[]};let
i=1;for(;!this.match(o.braceR);){if(this.eat(o.ellipsis)){i=!0;break}const
s=this.startNode(),{id:a,init:l}=this.flowEnumMemberRaw(),c=a.name;if(\\\\"\\\\"===c)continue; /^[a-
z]/.test(c)&&this.flowEnumErrorInvalidMemberName(a.start,{enumName:e,memberName:c}),r.has(c)&&this.flow
EnumErrorDuplicateMemberName(a.start,{enumName:e,memberName:c}),r.add(c);const
p={enumName:e,explicitType:t,memberName:c};switch(s.id=a,l.type){case\\\\"boolean\\\\" :this.flowEnumCheckExp
licitTypeMismatch(l.pos,p,\\\\"boolean\\\\"),s.init=l.value,n.booleanMembers.push(this.finishNode(s,\\\\"EnumBoolea
nMember\\\\"));break;case\\\\"number\\\\" :this.flowEnumCheckExplicitTypeMismatch(l.pos,p,\\\\"number\\\\"),s.init=l.v
alue,n.numberMembers.push(this.finishNode(s,\\\\"EnumNumberMember\\\\"));break;case\\\\"string\\\\" :this.flowEnum
CheckExplicitTypeMismatch(l.pos,p,\\\\"string\\\\"),s.init=l.value,n.stringMembers.push(this.finishNode(s,\\\\"EnumSt
ringMember\\\\"));break;case\\\\"invalid\\\\" :throw
this.flowEnumErrorInvalidMemberInitializer(l.pos,p);case\\\\"none\\\\" :switch(t){case\\\\"boolean\\\\" :this.flowEnumEr
rorBooleanMemberNotInitialized(l.pos,p);break;case\\\\"number\\\\" :this.flowEnumErrorNumberMemberNotInitializ
ed(l.pos,p);break;default:n.defaultedMembers.push(this.finishNode(s,\\\\"EnumDefaultedMember\\\\"))}this.match(o
.braceR)||this.expect(o.comma)}return{members:n,hasUnknownMembers:i}}flowEnumStringMembers(e,t,{enumN
ame:r}){if(0===e.length)return t;if(0===t.length)return e;if(t.length>e.length){for(const t of
e)this.flowEnumErrorStringMemberInconsistentlyInitailized(t.start,{enumName:r});return t}for(const e of
t)this.flowEnumErrorStringMemberInconsistentlyInitailized(e.start,{enumName:r});return
e}flowEnumParseExplicitType({enumName:e}){if(this.eatContextual(\\\\"of\\\\"))if(!this.match(o.name))throw
this.flowEnumErrorInvalidExplicitType(this.state.start,{enumName:e,suppliedType:null});const{value:t}=this.state;
return
this.next(),\\\\"boolean\\\\" !==t&&\\\\"number\\\\" !==t&&\\\\"string\\\\" !==t&&\\\\"symbol\\\\" !==t&&this.flowEnumErro
rInvalidExplicitType(this.state.start,{enumName:e,suppliedType:t}),t}return
null}flowEnumBody(e,{enumName:t,nameLoc:r}){const
n=this.flowEnumParseExplicitType({enumName:t});this.expect(o.braceL);const{members:i,hasUnknownMembers:
s}=this.flowEnumMembers({enumName:t,explicitType:n});switch(e.hasUnknownMembers=s,n){case\\\\"boolean\\\\"
 :return
e.explicitType=!0,e.members=i.booleanMembers,this.expect(o.braceR),this.finishNode(e,\\\\"EnumBooleanBody\\\\"
);case\\\\"number\\\\" :return
e.explicitType=!0,e.members=i.numberMembers,this.expect(o.braceR),this.finishNode(e,\\\\"EnumNumberBody\\\\"
);case\\\\"string\\\\" :return
e.explicitType=!0,e.members=this.flowEnumStringMembers(i.stringMembers,i.defaultedMembers,{enumName:t}),
this.expect(o.braceR),this.finishNode(e,\\\\"EnumStringBody\\\\");case\\\\"symbol\\\\" :return
e.members=i.defaultedMembers,this.expect(o.braceR),this.finishNode(e,\\\\"EnumSymbolBody\\\\");default:{const
n()=>(e.members=[],this.expect(o.braceR),this.finishNode(e,\\\\"EnumStringBody\\\\"));e.explicitType=!1;const
s=i.booleanMembers.length,a=i.numberMembers.length,l=i.stringMembers.length,c=i.defaultedMembers.length;if(s
||a||l||c){if(s||a){if(!a&&!l&&s>=c){for(const e of
i.defaultedMembers)this.flowEnumErrorBooleanMemberNotInitialized(e.start,{enumName:t,memberName:e.id.na
me});return
e.members=i.booleanMembers,this.expect(o.braceR),this.finishNode(e,\\\\"EnumBooleanBody\\\\")}if(!s&&!l&&a>=
c){for(const e of
i.defaultedMembers)this.flowEnumErrorNumberMemberNotInitialized(e.start,{enumName:t,memberName:e.id.na
me});return
e.members=i.numberMembers,this.expect(o.braceR),this.finishNode(e,\\\\"EnumNumberBody\\\\")}return
this.flowEnumErrorInconsistentMemberValues(r,{enumName:t}),n()}return
e.members=this.flowEnumStringMembers(i.stringMembers,i.defaultedMembers,{enumName:t}),this.expect(o.brace
R),this.finishNode(e,\\\\"EnumStringBody\\\\")}return n()}}flowParseEnumDeclaration(e){const

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t=this.parseIdentifier();return
e.id=t,e.body=this.flowEnumBody(this.startNode(),{enumName:t.name,nameLoc:t.start}),this.finishNode(e,\\\\"EnumDeclaration\\\\"})updateContext(e){this.match(o.name)&&\\\\"of\\\\"===this.state.value&&e===o.name&&\\\\"interface\\\\"===this.input.slice(this.state.lastTokStart,this.state.lastTokEnd)?this.state.exprAllowed=!1:super.updateContext(e)}isLookaheadToken_lt(){const e=this.nextTokenStart();if(60===this.input.charCodeAt(e)){const t=this.input.charCodeAt(e+1);return 60!==(t&&61)!==t)return!1}maybeUnwrapTypeCastExpression(e){return\\\\"TypeCastExpression\\\\"===e.type?e.expression:e},typescript:e=>class extends e{getScopeHandler(){return se}tsIsIdentifier(){return this.match(o.name)}tsTokenCanFollowModifier(){return(this.match(o.bracketL)||this.match(o.braceL)||this.match(o.star)||this.match(o.ellipsis)||this.match(o.privateName)||this.isLiteralPropertyName())&&!this.hasPrecedingLineBreak()}tsNextTokenCanFollowModifier(){return this.next(),this.tsTokenCanFollowModifier()}tsParseModifier(e){if(!this.match(o.name))return;const t=this.state.value;return-1!==e.indexOf(t)&&this.tsTryParse(this.tsNextTokenCanFollowModifier.bind(this))?t:void 0}tsParseModifiers(e,t,r,n){const i=(t,r,n,i)=>{r===n&&e[i]&&this.raise(t,pe.InvalidModifiersOrder,n,i)},s=(t,r,n,i)=>{e[n]&&===i[e[i]&&r===n]&&this.raise(t,pe.IncompatibleModifiers,n,i)};for(;;){const a=this.state.start,o=this.tsParseModifier(t.concat(null!=r?r:[]));if(!o)break;ue(o)?e.accessibility?this.raise(a,pe.DuplicateAccessibilityModifier):(i(a,o,o,\\\\"override\\\\"),i(a,o,o,\\\\"static\\\\"),e.accessibility=o):(Object.hasOwnProperty.call(e,o)?this.raise(a,pe.DuplicateModifier,o):(i(a,o,\\\\"static\\\\"),\\\\"readonly\\\\"),i(a,o,\\\\"static\\\\"),\\\\"override\\\\"),i(a,o,\\\\"override\\\\"),\\\\"readonly\\\\"),i(a,o,\\\\"abstract\\\\"),\\\\"override\\\\"),s(a,o,\\\\"declare\\\\"),\\\\"override\\\\"),s(a,o,\\\\"static\\\\"),\\\\"abstract\\\\")),e[o]=!0,null!=r&&r.includes(o)&&this.raise(a,n,o)}tsIsListTerminator(e){switch(e){case\\\\"EnumMembers\\\\"":case\\\\"TypeMembers\\\\"":return this.match(o.braceR);case\\\\"HeritageClauseElement\\\\"":return this.match(o.braceL);case\\\\"TupleElementTypes\\\\"":return this.match(o.bracketR);case\\\\"TypeParametersOrArguments\\\\"":return this.isRelational(\\\\">\\\\")}throw new Error(\\\\"Unreachable\\\\")}tsParseList(e,t){const r=[];for(;!this.tsIsListTerminator(e);r.push(t));return r}tsParseDelimitedList(e,t){return le(this.tsParseDelimitedListWorker(e,t,!0))}tsParseDelimitedListWorker(e,t,r){const n=[];for(;!this.tsIsListTerminator(e);){const i=t();if(null==i)return;if(n.push(i),!this.eat(o.comma)){if(this.tsIsListTerminator(e))break;return void(r&&this.expect(o.comma))}}return n}tsParseBracketedList(e,t,r,n){n||(r?this.expect(o.bracketL):this.expectRelational(\\\\"<\\\\"));const i=this.tsParseDelimitedList(e,t);return r?this.expect(o.bracketR):this.expectRelational(\\\\">\\\\"),i}tsParseImportType(){const e=this.startNode();return this.expect(o._import),this.expect(o.parenL),this.match(o.string)||this.raise(this.state.start,pe.UnsupportedImportTypeArgument),e.argument=this.parseExprAtom(),this.expect(o.parenR),this.eat(o.dot)&&(e.qualifier=this.tsParseEntityName(!0)),this.isRelational(\\\\"<\\\\")&&(e.typeParameters=this.tsParseTypeArguments()),this.finishNode(e,\\\\"TSImportType\\\\")}tsParseEntityName(e){let t=this.parseIdentifier();for(;this.eat(o.dot);){const r=this.startNodeAtNode(t);r.left=t,r.right=this.parseIdentifier(e),t=this.finishNode(r,\\\\"TSQualifiedName\\\\")}return t}tsParseTypeReference(){const e=this.startNode();return e.typeName=this.tsParseEntityName(!1),!this.hasPrecedingLineBreak()&&this.isRelational(\\\\"<\\\\")&&(e.typeParameters=this.tsParseTypeArguments()),this.finishNode(e,\\\\"TSTypeReference\\\\")}tsParseThisTypePredicate(e){this.next();const t=this.startNodeAtNode(e);return t.parameterName=e,t.typeAnnotation=this.tsParseTypeAnnotation(!1),t.asserts=!1,this.finishNode(t,\\\\"TSTypePredicate\\\\")}tsParseThisTypeNode(){const e=this.startNode();return this.next(),this.finishNode(e,\\\\"TSThisType\\\\")}tsParseTypeQuery(){const e=this.startNode();return this.expect(o._typeof),this.match(o._import)?e.exprName=this.tsParseImportType():e.exprName=this.tsParseEntityName(!0),this.finishNode(e,\\\\"TSTypeQuery\\\\")}tsParseTypeParameter(){const e=this.startNode();return e.name=this.parseIdentifierName(e.start),e.constraint=this.tsEatThenParseType(o._extends),e.default=this.tsEatThe

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nParseType(o.eq,this.finishNode(e,\\\\"TSTypeParameter\\\\"))}tsTryParseTypeParameters(){if(this.isRelational(\\\\"<\\\\"))return this.tsParseTypeParameters()}tsParseTypeParameters(){const e=this.startNode();return
this.isRelational(\\\\"<\\\\")||this.match(o.jsxTagStart)?this.next():this.unexpected(),e.params=this.tsParseBracketedLis
t(\\\\"TypeParametersOrArguments\\\\",this.tsParseTypeParameter.bind(this),!1,!0),0===e.params.length&&this.raise
(e.start,pe.EmptyTypeParameters),this.finishNode(e,\\\\"TSTypeParameterDeclaration\\\\")}tsTryNextParseConstantC
ontext(){return
this.lookahead().type===o._const?(this.next(),this.tsParseTypeReference():null)}tsFillSignature(e,t){const
r=e===o.arrow;t.typeParameters=this.tsTryParseTypeParameters(),this.expect(o.parenL),t.parameters=this.tsParseBi
ndingListForSignature(),(r||this.match(e))&&(t.typeAnnotation=this.tsParseTypeOrTypePredicateAnnotation(e))}ts
ParseBindingListForSignature(){return
this.parseBindingList(o.parenR,41).map(e=>(\\\\"Identifier\\\\"!===e.type&&\\\\"RestElement\\\\"!===e.type&&\\\\"Objec
tPattern\\\\"!===e.type&&\\\\"ArrayPattern\\\\"!===e.type&&this.raise(e.start,pe.UnsupportedSignatureParameterKind,e.
type),e))}tsParseTypeMemberSemicolon(){this.eat(o.comma)||this.isLineTerminator()||this.expect(o.semi)}tsParseSi
gnatureMember(e,t){return
this.tsFillSignature(o.colon,t),this.tsParseTypeMemberSemicolon(),this.finishNode(t,e)}tsIsUnambiguouslyIndexSi
gnature(){return
this.next(),this.eat(o.name)&&this.match(o.colon)}tsTryParseIndexSignature(e){if(!this.match(o.bracketL)||!this.tsL
ookAhead(this.tsIsUnambiguouslyIndexSignature.bind(this)))return;this.expect(o.bracketL);const
t=this.parseIdentifier();t.typeAnnotation=this.tsParseTypeAnnotation(),this.resetEndLocation(t),this.expect(o.bracke
tR),e.parameters=[t];const r=this.tsTryParseTypeAnnotation();return
r&&(e.typeAnnotation=r),this.tsParseTypeMemberSemicolon(),this.finishNode(e,\\\\"TSIndexSignature\\\\")}tsParse
PropertyOrMethodSignature(e,t){this.eat(o.question)&&(e.optional=!0);const
r=e;if(this.match(o.parenL)||this.isRelational(\\\\"<\\\\")){t&&this.raise(e.start,pe.ReadOnlyForMethodSignature);cons
t
n=r;if(n.kind&&this.isRelational(\\\\"<\\\\"))&&this.raise(this.state.pos,pe.AccessorCannotHaveTypeParameters),this.ts
FillSignature(o.colon,n),this.tsParseTypeMemberSemicolon(),\\\\"get\\\\"===n.kind)n.parameters.length>0&&(this.ra
ise(this.state.pos,T.BadGetterArity),this.isThisParam(n.parameters[0])&&this.raise(this.state.pos,pe.AccessorCannot
DeclareThisParameter));else
if(\\\\"set\\\\"===n.kind){if(1!==n.parameters.length)this.raise(this.state.pos,T.BadSetterArity);else{const
e=n.parameters[0];this.isThisParam(e)&&this.raise(this.state.pos,pe.AccessorCannotDeclareThisParameter),\\\\"Identi
fier\\\\"===e.type&&e.optional&&this.raise(this.state.pos,pe.SetAccesorCannotHaveOptionalParameter),\\\\"RestEle
ment\\\\"===e.type&&this.raise(this.state.pos,pe.SetAccesorCannotHaveRestParameter)}n.typeAnnotation&&this.ra
ise(n.typeAnnotation.start,pe.SetAccesorCannotHaveReturnType)}else n.kind=\\\\"method\\\\";return
this.finishNode(n,\\\\"TSMethodSignature\\\\")}const e=r;t&&(e.readonly=!0);const
n=this.tsTryParseTypeAnnotation();return
n&&(e.typeAnnotation=n),this.tsParseTypeMemberSemicolon(),this.finishNode(e,\\\\"TSPropertySignature\\\\")}tsP
arseTypeMember(){const e=this.startNode();if(this.match(o.parenL)||this.isRelational(\\\\"<\\\\"))return
this.tsParseSignatureMember(\\\\"TSCallSignatureDeclaration\\\\",e);if(this.match(o._new)){const
t=this.startNode();return
this.next(),this.match(o.parenL)||this.isRelational(\\\\"<\\\\")?this.tsParseSignatureMember(\\\\"TSConstructSignatureD
eclaration\\\\",e):(e.key=this.createIdentifier(t,\\\\"new\\\\"),this.tsParsePropertyOrMethodSignature(e,!1))}this.tsParse
Modifiers(e,[\\\\"readonly\\\\"],[\\\\"declare\\\\"],[\\\\"abstract\\\\"],[\\\\"private\\\\"],[\\\\"protected\\\\"],[\\\\"public\\\\"],[\\\\"static\\\\"],[\\\\"
override\\\\"],pe.InvalidModifierOnTypeMember);const t=this.tsTryParseIndexSignature(e);return
t||(this.parsePropertyName(e,!1),e.computed||\\\\"Identifier\\\\"!===e.key.type||\\\\"get\\\\"!===e.key.name&&\\\\"set\\\\"!===
e.key.name||!this.tsTokenCanFollowModifier)|(e.kind=e.key.name,this.parsePropertyName(e,!1)),this.tsParsePrope
rtyOrMethodSignature(e,!e.readonly)}tsParseTypeLiteral(){const e=this.startNode();return
e.members=this.tsParseObjectTypeMembers(),this.finishNode(e,\\\\"TSTypeLiteral\\\\")}tsParseObjectTypeMembers
(){this.expect(o.braceL);const e=this.tsParseList(\\\\"TypeMembers\\\\",this.tsParseTypeMember.bind(this));return

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this.expect(o.braceR),e)tsIsStartOfMappedType(){return
this.next(),this.eat(o.plusMin)?this.isContextual(\\\\"readonly\\\\"):(this.isContextual(\\\\"readonly\\\\"))&&this.next(),!t
his.match(o.bracketL)&&(this.next(),!this.tsIsIdentifier())&&(this.next(),this.match(o._in)))}tsParseMappedTypeP
arameter(){const e=this.startNode();return
e.name=this.parseIdentifierName(e.start),e.constraint=this.tsExpectThenParseType(o._in),this.finishNode(e,\\\\"TST
ypeParameter\\\\"))}tsParseMappedType(){const e=this.startNode();return
this.expect(o.braceL),this.match(o.plusMin)?(e.readonly=this.state.value,this.next(),this.expectContextual(\\\\"readon
ly\\\\")):this.eatContextual(\\\\"readonly\\\\"))&&(e.readonly=!0),this.expect(o.bracketL),e.typeParameter=this.tsParse
MappedTypeParameter(),e.nameType=this.eatContextual(\\\\"as\\\\")?this.tsParseType():null,this.expect(o.bracketR),t
his.match(o.plusMin)?(e.optional=this.state.value,this.next(),this.expect(o.question)):this.eat(o.question)&&(e.optio
nal=!0),e.typeAnnotation=this.tsTryParseType(),this.semicolon(),this.expect(o.braceR),this.finishNode(e,\\\\"TSMa
ppedType\\\\"))}tsParseTupleType(){const
e=this.startNode();e.elementTypes=this.tsParseBracketedList(\\\\"TupleElementTypes\\\\" ,this.tsParseTupleElementT
ype.bind(this),!0,!1);let t=!1,r=null;return e.elementTypes.forEach(e=>{var
n;let{type:i}=e;!t||\\\\"TSRestType\\\\"===i||\\\\"TSOptionalType\\\\"===i||\\\\"TSNamedTupleMember\\\\"===i&&e.opti
onal||this.raise(e.start,pe.OptionalTypeBeforeRequired),t=t||\\\\"TSNamedTupleMember\\\\"===i&&e.optional||\\\\"TS
OptionalType\\\\"===i,\\\\"TSRestType\\\\"===i&&(i=(e=e.typeAnnotation).type);const
s=\\\\"TSNamedTupleMember\\\\"===i;r=null!=(n=r)?n:s,r!:=s&&this.raise(e.start,pe.MixedLabeledAndUnlabeledE
lements)}),this.finishNode(e,\\\\"TSTupleType\\\\"))}tsParseTupleElementType(){const{start:e,startLoc:t}=this.state,r
=this.eat(o.ellipsis);let n=this.tsParseType();const i=this.eat(o.question);if(this.eat(o.colon)){const
e=this.startNodeAtNode(n);e.optional=i,\\\\"TSTypeReference\\\\"!==n.type||n.typeParameters||\\\\"Identifier\\\\"!==n.t
ypeName.type?(this.raise(n.start,pe.InvalidTupleMemberLabel),e.label=n):e.label=n.typeName,e.elementType=this.
tsParseType(),n=this.finishNode(e,\\\\"TSNamedTupleMember\\\\"))}else if(i){const
e=this.startNodeAtNode(n);e.typeAnnotation=n,n=this.finishNode(e,\\\\"TSOptionalType\\\\"))}if(r){const
r=this.startNodeAt(e,t);r.typeAnnotation=n,n=this.finishNode(r,\\\\"TSRestType\\\\"))}return
n}tsParseParenthesizedType(){const e=this.startNode();return
this.expect(o.parenL),e.typeAnnotation=this.tsParseType(),this.expect(o.parenR),this.finishNode(e,\\\\"TSParenthesi
zedType\\\\"))}tsParseFunctionOrConstructorType(e,t){const
r=this.startNode();return\\\\"TSConstructorType\\\\"===e&&(r.abstract=!t,t&&this.next(),this.next()),this.tsFillSigna
ture(o.arrow,r),this.finishNode(r,e)}tsParseLiteralTypeNode(){const e=this.startNode();return
e.literal=(()=>>{switch(this.state.type){case o.num:case o.bigint:case o.string:case o._true:case o._false:return
this.parseExprAtom();default:throw
this.unexpected()})(),this.finishNode(e,\\\\"TSLiteralType\\\\"))}tsParseTemplateLiteralType(){const
e=this.startNode();return
e.literal=this.parseTemplate(!1),this.finishNode(e,\\\\"TSLiteralType\\\\"))}parseTemplateSubstitution(){return
this.state.inType?this.tsParseType():super.parseTemplateSubstitution()}tsParseThisTypeOrThisTypePredicate(){con
st e=this.tsParseThisTypeNode();return
this.isContextual(\\\\"is\\\\"))&&!this.hasPrecedingLineBreak()?this.tsParseThisTypePredicate(e):e}tsParseNonArrayT
ype(){switch(this.state.type){case o.name:case o._void:case o._null:{const
e=this.match(o._void)?\\\\"TSVoidKeyword\\\\":this.match(o._null)?\\\\"TSNullKeyword\\\\" :function(e){switch(e){ca
se\\\\"any\\\\" :return\\\\"TSAnyKeyword\\\\" ;case\\\\"boolean\\\\" :return\\\\"TSBooleanKeyword\\\\" ;case\\\\"bigint\\\\" :retur
n\\\\"TSBigIntKeyword\\\\" ;case\\\\"never\\\\" :return\\\\"TSNeverKeyword\\\\" ;case\\\\"number\\\\" :return\\\\"TSNumberKe
yword\\\\" ;case\\\\"object\\\\" :return\\\\"TSObjectKeyword\\\\" ;case\\\\"string\\\\" :return\\\\"TSStringKeyword\\\\" ;case\\\\"s
ymbol\\\\" :return\\\\"TSSymbolKeyword\\\\" ;case\\\\"undefined\\\\" :return\\\\"TSUndefinedKeyword\\\\" ;case\\\\"unknown
\\\\" :return\\\\"TSUnknownKeyword\\\\" ;default:return}}(this.state.value);if(void
0!:=e&&46!:=this.lookaheadCharCode()){const t=this.startNode();return this.next(),this.finishNode(t,e)}return
this.tsParseTypeReference()}case o.string:case o.num:case o.bigint:case o._true:case o._false:return
this.tsParseLiteralTypeNode();case o.plusMin:if(\\\\"-\\\\"===this.state.value){const

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e=this.startNode(),t=this.lookahead();if(t.type!=="num"&&t.type!=="bigint")throw this.unexpected();return
e.literal=this.parseMaybeUnary(),this.finishNode(e,\\\\"TSLiteralType\\\\\\")}break;case o._this:return
this.tsParseThisTypeOrThisTypePredicate();case o._typeof:return this.tsParseTypeQuery();case o._import:return
this.tsParseImportType();case o.braceL:return
this.tsLookAhead(this.tsIsStartOfMappedType.bind(this))?this.tsParseMappedType():this.tsParseTypeLiteral();case
o.bracketL:return this.tsParseTupleType();case o.parenL:return this.tsParseParenthesizedType();case
o.backQuote:return this.tsParseTemplateLiteralType()}throw this.unexpected()}tsParseArrayTypeOrHigher(){let
e=this.tsParseNonArrayType();for(;!this.hasPrecedingLineBreak()&&this.eat(o.bracketL);)if(this.match(o.bracketR)
){const
t=this.startNodeAtNode(e);t.elementType=e,this.expect(o.bracketR),e=this.finishNode(t,\\\\"TSArrayType\\\\\\")}else{
const
t=this.startNodeAtNode(e);t.objectType=e,t.indexType=this.tsParseType(),this.expect(o.bracketR),e=this.finishNode
(t,\\\\"TSIndexedAccessType\\\\\\")}return e}tsParseTypeOperator(e){const t=this.startNode();return
this.expectContextual(e),t.operator=e,t.typeAnnotation=this.tsParseTypeOperatorOrHigher(),\\\\"readonly\\\\\\"===e&
&this.tsCheckTypeAnnotationForReadOnly(t),this.finishNode(t,\\\\"TSTypeOperator\\\\\\")}tsCheckTypeAnnotationFor
ReadOnly(e){switch(e.typeAnnotation.type){case\\\\"TSTupleType\\\\\\":case\\\\"TSArrayType\\\\\\":return;default:this.r
aise(e.start,pe.UnexpectedReadOnly)}tsParseInferType(){const
e=this.startNode();this.expectContextual(\\\\"infer\\\\\\");const t=this.startNode();return
t.name=this.parseIdentifierName(t.start),e.typeParameter=this.finishNode(t,\\\\"TSTypeParameter\\\\\\"),this.finishNode
(e,\\\\"TSInferType\\\\\\")}tsParseTypeOperatorOrHigher(){const
e=[\\\\"keyof\\\\\\",\\\\"unique\\\\\\",\\\\"readonly\\\\\\"].find(e=>this.isContextual(e));return
e?this.tsParseTypeOperator(e):this.isContextual(\\\\"infer\\\\\\")?this.tsParseInferType():this.tsParseArrayTypeOrHighe
r()}tsParseUnionOrIntersectionType(e,t,r){const
n=this.startNode(),i=this.eat(r),s=[];do{s.push(t)}while(this.eat(r));return
1!==s.length|i?(n.types=s,this.finishNode(n,e):s[0])tsParseIntersectionTypeOrHigher(){return
this.tsParseUnionOrIntersectionType(\\\\"TSIntersectionType\\\\\\",this.tsParseTypeOperatorOrHigher.bind(this),o.bitwis
eAND)}tsParseUnionTypeOrHigher(){return
this.tsParseUnionOrIntersectionType(\\\\"TSUnionType\\\\\\",this.tsParseIntersectionTypeOrHigher.bind(this),o.bitwis
eOR)}tsIsStartOfFunctionType(){return!this.isRelational(\\\\"<\\\\\\")||this.match(o.parenL)&&this.tsLookAhead(this.t
sIsUnambiguouslyStartOfFunctionType.bind(this))}tsSkipParameterStart(){if(this.match(o.name)||this.match(o._thi
s))return this.next(),!0;if(this.match(o.braceL)){let
e=1;for(this.next();e>0;)this.match(o.braceL)?++e:this.match(o.braceR)&&--
e,this.next();return!0}if(this.match(o.bracketL)){let
e=1;for(this.next();e>0;)this.match(o.bracketL)?++e:this.match(o.bracketR)&&--
e,this.next();return!0}return!1}tsIsUnambiguouslyStartOfFunctionType(){if(this.next(),this.match(o.parenR)||this.m
atch(o.ellipsis))return!0;if(this.tsSkipParameterStart()){if(this.match(o.colon)||this.match(o.comma)||this.match(o.qu
estion)||this.match(o.eq))return!0;if(this.match(o.parenR)&&(this.next(),this.match(o.arrow)))return!0}return!1}tsPa
rseTypeOrTypePredicateAnnotation(e){return this.tsInType(=>{const t=this.startNode();this.expect(e);const
r=this.startNode(),n=!this.tsTryParse(this.tsParseTypePredicateAsserts.bind(this));if(n&&this.match(o._this)){let
e=this.tsParseThisTypeOrThisTypePredicate();return\\\\"TSThisType\\\\\\"===e.type?(r.parameterName=e,r.asserts=!0
,e=this.finishNode(r,\\\\"TSTypePredicate\\\\\\")):(this.resetStartLocationFromNode(e,r),e.asserts=!0),t.typeAnnotation
=e,this.finishNode(t,\\\\"TSTypeAnnotation\\\\\\")}const
i=this.tsIsIdentifier()&&this.tsTryParse(this.tsParseTypePredicatePrefix.bind(this));if(!i)return
n?(r.parameterName=this.parseIdentifier(),r.asserts=n,t.typeAnnotation=this.finishNode(r,\\\\"TSTypePredicate\\\\\\"),t
his.finishNode(t,\\\\"TSTypeAnnotation\\\\\\")):this.tsParseTypeAnnotation(!1,t);const
s=this.tsParseTypeAnnotation(!1);return
r.parameterName=i,r.typeAnnotation=s,r.asserts=n,t.typeAnnotation=this.finishNode(r,\\\\"TSTypePredicate\\\\\\"),this.
finishNode(t,\\\\"TSTypeAnnotation\\\\\\")}}tsTryParseTypeOrTypePredicateAnnotation(){return

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this.match(o.colon)?this.tsParseTypeOrTypePredicateAnnotation(o.colon):void
0}tsTryParseTypeAnnotation(){return this.match(o.colon)?this.tsParseTypeAnnotation():void
0}tsTryParseType(){return this.tsEatThenParseType(o.colon)}tsParseTypePredicatePrefix(){const
e=this.parseIdentifier();if(this.isContextual(\\\\"is\\\\"))&&!this.hasPrecedingLineBreak()return
this.next(),e}tsParseTypePredicateAsserts(){if(!this.match(o.name)\\\\"asserts\\\\"!==this.state.value||this.hasPrecedi
ngLineBreak())return!1;const e=this.state.containsEsc;return
this.next(),!(!this.match(o.name)&&!this.match(o._this))&&(e&&this.raise(this.state.lastTokStart,T.InvalidEscaped
ReservedWord,\\\\"asserts\\\\"),!0)}tsParseTypeAnnotation(e=!0,t=this.startNode()){return
this.tsInType(=>{e&&this.expect(o.colon),t.typeAnnotation=this.tsParseType()}),this.finishNode(t,\\\\"TSTypeAn
notation\\\\")}tsParseType(){ce(this.state.inType);const
e=this.tsParseNonConditionalType();if(this.hasPrecedingLineBreak()||!this.eat(o._extends))return e;const
t=this.startNodeAtNode(e);return
t.checkType=e,t.extendsType=this.tsParseNonConditionalType(),this.expect(o.question),t.trueType=this.tsParseTyp
e(),this.expect(o.colon),t.falseType=this.tsParseType(),this.finishNode(t,\\\\"TSConditionalType\\\\"))isAbstractConst
ructorSignature(){return
this.isContextual(\\\\"abstract\\\\"))&&this.lookahead().type===o._new}tsParseNonConditionalType(){return
this.tsIsStartOfFunctionType()?this.tsParseFunctionOrConstructorType(\\\\"TSFunctionType\\\\"):this.match(o._new)
?this.tsParseFunctionOrConstructorType(\\\\"TSConstructorType\\\\"):this.isAbstractConstructorSignature()?this.tsPa
rseFunctionOrConstructorType(\\\\"TSConstructorType\\\\",!0):this.tsParseUnionTypeOrHigher()}tsParseTypeAssertio
n(){const e=this.startNode(),t=this.tsTryNextParseConstantContext();return
e.typeAnnotation=t||this.tsNextThenParseType(),this.expectRelational(\\\\">\\\\"),e.expression=this.parseMaybeUnary
(),this.finishNode(e,\\\\"TSTypeAssertion\\\\")}tsParseHeritageClause(e){const
t=this.state.start,r=this.tsParseDelimitedList(\\\\"HeritageClauseElement\\\\"),this.tsParseExpressionWithTypeArgume
nts.bind(this));return
r.length||this.raise(t,pe.EmptyHeritageClauseType,e),r}tsParseExpressionWithTypeArguments(){const
e=this.startNode();return
e.expression=this.tsParseEntityName(!1),this.isRelational(\\\\"<\\\\"))&&(e.typeParameters=this.tsParseTypeArgument
s()),this.finishNode(e,\\\\"TSExpressionWithTypeArguments\\\\")}tsParseInterfaceDeclaration(e){e.id=this.parseIdent
ifier(),this.checkLVal(e.id,\\\\"typescript interface
declaration\\\\" ,130),e.typeParameters=this.tsTryParseTypeParameters(),this.eat(o._extends)&&(e.extends=this.tsPar
seHeritageClause(\\\\"extends\\\\"));const t=this.startNode();return
t.body=this.tsInType(this.tsParseObjectTypeMembers.bind(this)),e.body=this.finishNode(t,\\\\"TSInterfaceBody\\\\"),
this.finishNode(e,\\\\"TSInterfaceDeclaration\\\\")}tsParseTypeAliasDeclaration(e){return
e.id=this.parseIdentifier(),this.checkLVal(e.id,\\\\"typescript type
alias\\\\" ,2),e.typeParameters=this.tsTryParseTypeParameters(),e.typeAnnotation=this.tsInType(=>{if(this.expect(o
.eq),this.isContextual(\\\\"intrinsic\\\\"))&&this.lookahead().type!==o.dot){const e=this.startNode();return
this.next(),this.finishNode(e,\\\\"TSIntrinsicKeyword\\\\")}return
this.tsParseType()}),this.semicolon(),this.finishNode(e,\\\\"TSTypeAliasDeclaration\\\\")}tsInNoContext(e){const
t=this.state.context;this.state.context=[t[0]];try{return e()}finally{this.state.context=t}}tsInType(e){const
t=this.state.inType;this.state.inType=!0;try{return e()}finally{this.state.inType=t}}tsEatThenParseType(e){return
this.match(e)?this.tsNextThenParseType():void 0}tsExpectThenParseType(e){return
this.tsDoThenParseType(=>this.expect(e))}tsNextThenParseType(){return
this.tsDoThenParseType(=>this.next())}tsDoThenParseType(e){return
this.tsInType(=>(e(),this.tsParseType()))}tsParseEnumMember(){const e=this.startNode();return
e.id=this.match(o.string)?this.parseExprAtom():this.parseIdentifier(!0),this.eat(o.eq)&&(e.initializer=this.parseMay
beAssignAllowIn()),this.finishNode(e,\\\\"TSEnumMember\\\\")}tsParseEnumDeclaration(e,t){return
t&&(e.const=!0),e.id=this.parseIdentifier(),this.checkLVal(e.id,\\\\"typescript enum
declaration\\\\" ,t?779:267),this.expect(o.braceL),e.members=this.tsParseDelimitedList(\\\\"EnumMembers\\\\"),this.tsP

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arseEnumMember.bind(this)),this.expect(o.braceR),this.finishNode(e,\\\\"TSEnumDeclaration\\\\"))}tsParseModuleBlock(){const e=this.startNode();return
this.scope.enter(0),this.expect(o.braceL),this.parseBlockOrModuleBlockBody(e.body=[],void
0,!0,o.braceR),this.scope.exit(),this.finishNode(e,\\\\"TSMODULEBLOCK\\\\"))}tsParseModuleOrNamespaceDeclaration(
e,t=!1){if(e.id=this.parseIdentifier(),t||this.checkLVal(e.id,\\\\"module or namespace
declaration\\\\" ,1024),this.eat(o.dot)){const
t=this.startNode();this.tsParseModuleOrNamespaceDeclaration(t,!0),e.body=t}else
this.scope.enter(256),this.prodParam.enter(0),e.body=this.tsParseModuleBlock(),this.prodParam.exit(),this.scope.exit();return this.finishNode(e,\\\\"TSMODULEDECLARATION\\\\"))}tsParseAmbientExternalModuleDeclaration(e){return
this.isContextual(\\\\"global\\\\")?(e.global=!0,e.id=this.parseIdentifier()):this.match(o.string)?e.id=this.parseExprAtom():this.unexpected(),this.match(o.braceL)?(this.scope.enter(256),this.prodParam.enter(0),e.body=this.tsParseModuleBlock(),this.prodParam.exit(),this.scope.exit()):this.semicolon(),this.finishNode(e,\\\\"TSMODULEDECLARATION\\\\"))}tsParseImportEqualsDeclaration(e,t){e.isExport=t?!1,e.id=this.parseIdentifier(),this.checkLVal(e.id,\\\\"import equals
declaration\\\\" ,9),this.expect(o.eq);const
r=this.tsParseModuleReference();return\\\\"type\\\\"===e.importKind&&\\\\"TSEXTERNALMODULEREFERENCE\\\\"!==(r.type
&&this.raise(r.start,pe.ImportAliasHasImportType),e.moduleReference=r,this.semicolon(),this.finishNode(e,\\\\"TSIMPORTEQUALSDECLARATION\\\\"))}tsIsExternalModuleReference(){return
this.isContextual(\\\\"require\\\\")&&40===this.lookaheadCharCode()}tsParseModuleReference(){return
this.tsIsExternalModuleReference()?this.tsParseExternalModuleReference():this.tsParseEntityName(!1)}tsParseExternalModuleReference(){const
e=this.startNode();if(this.expectContextual(\\\\"require\\\\"),this.expect(o.parenL),!this.match(o.string))throw
this.unexpected();return
e.expression=this.parseExprAtom(),this.expect(o.parenR),this.finishNode(e,\\\\"TSEXTERNALMODULEREFERENCE\\\\"))}tsLookAhead(e){const t=this.state.clone(),r=e();return this.state=t,r}tsTryParseAndCatch(e){const
t=this.tryParse(t=>e)||t();if(!t.aborted&&t.node)return t.error&&(this.state=t.failState),t.node}tsTryParse(e){const
t=this.state.clone(),r=e();return void
0!==(r&&!1!==(r?:void(this.state=t))}tsTryParseDeclare(e){if(this.isLineTerminator())return;let
t,r=this.state.type;return
this.isContextual(\\\\"let\\\\")&&(r=o._var,t=\\\\"let\\\\"),this.tsInAmbientContext(=>{switch(r){case
o._function:return e.declare=!0,this.parseFunctionStatement(e,!1,!0);case o._class:return
e.declare=!0,this.parseClass(e,!0,!1);case
o._const;if(this.match(o._const)&&this.isLookaheadContextual(\\\\"enum\\\\"))return
this.expect(o._const),this.expectContextual(\\\\"enum\\\\"),this.tsParseEnumDeclaration(e,!0);case o._var:return
t=t||this.state.value,this.parseVarStatement(e,t);case o.name:{const
t=this.state.value;return\\\\"global\\\\"===t?this.tsParseAmbientExternalModuleDeclaration(e):this.tsParseDeclaration
(e,t,!0)}})}tsTryParseExportDeclaration(){return
this.tsParseDeclaration(this.startNode(),this.state.value,!0)}tsParseExpressionStatement(e,t){switch(t.name){case\\\\"
declare\\\\":{const t=this.tsTryParseDeclare(e);if(t)return
t.declare=!0,t;break}case\\\\"global\\\\":if(this.match(o.braceL)){this.scope.enter(256),this.prodParam.enter(0);const
r=e;return
r.global=!0,r.id=t,r.body=this.tsParseModuleBlock(),this.scope.exit(),this.prodParam.exit(),this.finishNode(r,\\\\"TSMODULEDECLARATION\\\\"))}break;default:return
this.tsParseDeclaration(e,t.name,!1)}tsParseDeclaration(e,t,r){switch(t){case\\\\"abstract\\\\":if(this.tsCheckLineTerminator(r)&&(this.match(o._class)||this.match(o.name)))return
this.tsParseAbstractDeclaration(e);break;case\\\\"enum\\\\":if(r||this.match(o.name))return
r&&this.next(),this.tsParseEnumDeclaration(e,!1);break;case\\\\"interface\\\\":if(this.tsCheckLineTerminator(r)&&this
s.match(o.name))return
this.tsParseInterfaceDeclaration(e);break;case\\\\"module\\\\":if(this.tsCheckLineTerminator(r)){if(this.match(o.string

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))return this.tsParseAmbientExternalModuleDeclaration(e);if(this.match(o.name))return
this.tsParseModuleOrNamespaceDeclaration(e)}break;case\\\\"namespace\\\\"":if(this.tsCheckLineTerminator(r)&&this
s.match(o.name))return
this.tsParseModuleOrNamespaceDeclaration(e);break;case\\\\"type\\\\"":if(this.tsCheckLineTerminator(r)&&this.matc
h(o.name))return this.tsParseTypeAliasDeclaration(e)}tsCheckLineTerminator(e){return
e?!this.hasFollowingLineBreak()&&(this.next(),!0):!this.isLineTerminator()}tsTryParseGenericAsyncArrowFunction(e,t){if(!this.isRelational(\\\\"<\\\\"))return;const
r=this.state.maybeInArrowParameters;this.state.maybeInArrowParameters=!0;const
n=this.tsTryParseAndCatch(=>{const r=this.startNodeAt(e,t);return
r.typeParameters=this.tsParseTypeParameters(),super.parseFunctionParams(r),r.returnType=this.tsTryParseTypeOr
TypePredicateAnnotation(),this.expect(o.arrow,r)});return
this.state.maybeInArrowParameters=r,n?this.parseArrowExpression(n,null,!0):void
0}tsParseTypeArguments(){const e=this.startNode();return
e.params=this.tsInType(=>this.tsInNoContext(=>(this.expectRelational(\\\\"<\\\\"),this.tsParseDelimitedList(\\\\"Ty
peParametersOrArguments\\\\"),this.tsParseType.bind(this))))),0===e.params.length&&this.raise(e.start,pe.EmptyTy
peArguments),this.state.exprAllowed=!1,this.expectRelational(\\\\">\\\\"),this.finishNode(e,\\\\"TSTypeParameterInsta
ntiation\\\\"))}tsIsDeclarationStart(){if(this.match(o.name))switch(this.state.value){case\\\\"abstract\\\\"":case\\\\"declare\\
\\":case\\\\"enum\\\\"":case\\\\"interface\\\\"":case\\\\"module\\\\"":case\\\\"namespace\\\\"":case\\\\"type\\\\"":return!0}return!1}is
ExportDefaultSpecifier(){return!this.tsIsDeclarationStart()&&super.isExportDefaultSpecifier()}parseAssignableList
Item(e,t){const r=this.state.start,n=this.state.startLoc;let i,s=!1;void
0!==e&&(i=this.parseAccessModifier(),s=!this.tsParseModifier([\\\\"readonly\\\\"]),!1===e&&(i|s)&&this.raise(r,pe
.UnexpectedParameterModifier));const a=this.parseMaybeDefault();this.parseAssignableListItemTypes(a);const
o=this.parseMaybeDefault(a.start,a.loc.start,a);if(i|s){const e=this.startNodeAt(r,n);return
t.length&&(e.decorators=t),i&&(e.accessibility=i),s&&(e.readonly=s),\\\\"Identifier\\\\"!===o.type&&\\\\"AssignmentP
attern\\\\"!===o.type&&this.raise(e.start,pe.UnsupportedParameterPropertyKind),e.parameter=o,this.finishNode(e,\\\\"
TSPParameterProperty\\\\"))return
t.length&&(a.decorators=t),o}parseFunctionBodyAndFinish(e,t,r=!1){this.match(o.colon)&&(e.returnType=this.tsP
arseTypeOrTypePredicateAnnotation(o.colon));const
n=\\\\"FunctionDeclaration\\\\"===t?\\\\"TSDeclareFunction\\\\":\\\\"ClassMethod\\\\"===t?\\\\"TSDeclareMethod\\\\":voi
d
0;n&&!this.match(o.braceL)&&this.isLineTerminator()?this.finishNode(e,n):\\\\"TSDeclareFunction\\\\"===n&&this
.state.isAmbientContext&&(this.raise(e.start,pe.DeclareFunctionHasImplementation),e.declare)?super.parseFunction
BodyAndFinish(e,n,r):super.parseFunctionBodyAndFinish(e,t,r)}registerFunctionStatementId(e){!e.body&&e.id?t
his.checkLVal(e.id,\\\\"function
name\\\\".1024):super.registerFunctionStatementId(...arguments)}tsCheckForInvalidTypeCasts(e){e.forEach(e=>{\\\\"
TSTypeCastExpression\\\\"===e?(null===e?void
0:e.type)&&this.raise(e.typeAnnotation.start,pe.UnexpectedTypeAnnotation)}})toReferencedList(e,t){return
this.tsCheckForInvalidTypeCasts(e,e)}parseArrayLike(...e){const
t=super.parseArrayLike(...e);return\\\\"ArrayExpression\\\\"===t.type&&this.tsCheckForInvalidTypeCasts(t.elements
),t}parseSubscript(e,t,r,n,i){if(!this.hasPrecedingLineBreak()&&this.match(o.bang)){this.state.exprAllowed=!1,this.
next();const n=this.startNodeAt(t,r);return
n.expression=e,this.finishNode(n,\\\\"TSNonNullExpression\\\\"))if(this.isRelational(\\\\"<\\\\"))){const
s=this.tsTryParseAndCatch(=>{if(!n&&this.atPossibleAsyncArrow(e)){const
e=this.tsTryParseGenericAsyncArrowFunction(t,r);if(e)return e}const s=this.startNodeAt(t,r);s.callee=e;const
a=this.tsParseTypeArguments();if(a){if(!n&&this.eat(o.parenL))return
s.arguments=this.parseCallExpressionArguments(o.parenR,!1),this.tsCheckForInvalidTypeCasts(s.arguments),s.ty
peParameters=a,i.optionalChainMember&&(s.optional=!1),this.finishCallExpression(s,i.optionalChainMember);if(thi
s.s.match(o.backQuote)){const n=this.parseTaggedTemplateExpression(e,t,r,i);return

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n.typeParameters=a,n } }this.unexpected());if(s)return s }return
super.parseSubscript(e,t,r,n,i) }parseNewArguments(e){ if(this.isRelational(\\\\"<\\\\")) { const
t=this.tsTryParseAndCatch(=>{ const e=this.tsParseTypeArguments();return
this.match(o.parenL)||this.unexpected(),e);t&&(e.typeParameters=t) }super.parseNewArguments(e) }parseExprOp(e
,t,r,n){ if(!e(o._in.binop)>n&&this.hasPrecedingLineBreak()&&this.isContextual(\\\\"as\\\\")) { const
i=this.startNodeAt(t,r);i.expression=e;const s=this.tsTryNextParseConstantContext();return
i.typeAnnotation=s||this.tsNextThenParseType(),this.finishNode(i,\\\\"TSAExpression\\\\"),this.reScan_It_gt(),this.pa
rseExprOp(i,t,r,n) }return
super.parseExprOp(e,t,r,n) }checkReservedWord(e,t,r,n) { }checkDuplicateExports() { }parseImport(e){ if(e.importKin
d=\\\\"value\\\\" ,this.match(o.name)||this.match(o.star)||this.match(o.braceL)) { let
t=this.lookahead();if(!this.isContextual(\\\\"type\\\\"))|t.type===o.comma|t.type===o.name&&\\\\"from\\\\"===t.value|
t.type===o.eq|(e.importKind=\\\\"type\\\\" ,this.next(),t=this.lookahead()),this.match(o.name)&&t.type===o.eq)return
this.tsParseImportEqualsDeclaration(e) }const
t=super.parseImport(e);return\\\\"type\\\\"===t.importKind&&t.specifiers.length>1&&\\\\"ImportDefaultSpecifier\\\\"=
===t.specifiers[0].type&&this.raise(t.start,pe.TypeImportCannotSpecifyDefaultAndNamed),t }parseExport(e){ if(this.
match(o._import))return
this.next(),this.isContextual(\\\\"type\\\\"))&&61!===this.lookaheadCharCode()?(e.importKind=\\\\"type\\\\" ,this.next()):e
.importKind=\\\\"value\\\\" ,this.tsParseImportEqualsDeclaration(e,!0);if(this.eat(o.eq)) { const t=e;return
t.expression=this.parseExpression(),this.semicolon(),this.finishNode(t,\\\\"TSEExportAssignment\\\\" )}if(this.eatConte
xtual(\\\\"as\\\\")) { const t=e;return
this.expectContextual(\\\\"namespace\\\\"),t.id=this.parseIdentifier(),this.semicolon(),this.finishNode(t,\\\\"TSNamespa
ceExportDeclaration\\\\" )}return
this.isContextual(\\\\"type\\\\"))&&this.lookahead().type===o.braceL?(this.next(),e.exportKind=\\\\"type\\\\" ):e.exportK
ind=\\\\"value\\\\" ,super.parseExport(e) }isAbstractClass() { return
this.isContextual(\\\\"abstract\\\\"))&&this.lookahead().type===o._class }parseExportDefaultExpression() { if(this.isAbs
tractClass() ) { const e=this.startNode();return
this.next(),e.abstract=!0,this.parseClass(e,!0,!0),e }if(\\\\"interface\\\\"===this.state.value) { const
e=this.tsParseDeclaration(this.startNode(),this.state.value,!0);if(e)return e }return
super.parseExportDefaultExpression() }parseStatementContent(e,t) { if(this.state.type===o._const) { const
e=this.lookahead();if(e.type===o.name&&\\\\"enum\\\\"===e.value) { const e=this.startNode();return
this.expect(o._const),this.expectContextual(\\\\"enum\\\\"),this.tsParseEnumDeclaration(e,!0) } }return
super.parseStatementContent(e,t) }parseAccessModifier() { return
this.tsParseModifier([\\\\"public\\\\" ,\\\\"protected\\\\" ,\\\\"private\\\\" ]) }tsHasSomeModifiers(e,t) { return
t.some(t=>ue(t)?e.accessibility===t:!!e[t] ) }parseClassMember(e,t,r) { const
n=[\\\\"declare\\\\" ,\\\\"private\\\\" ,\\\\"public\\\\" ,\\\\"protected\\\\" ,\\\\"override\\\\" ,\\\\"abstract\\\\" ,\\\\"readonly\\\\" ];this.tsPar
seModifiers(t,n.concat([\\\\"static\\\\" ]));const i=()=> { const
i=!t.static;i&&this.eat(o.braceL)?(this.tsHasSomeModifiers(t,n)&&this.raise(this.state.pos,pe.StaticBlockCannotHa
veModifier),this.parseClassStaticBlock(e,t)):this.parseClassMemberWithIsStatic(e,t,r,i) };t.declare?this.tsInAmbient
Context(i):i() }parseClassMemberWithIsStatic(e,t,r,n) { const i=this.tsTryParseIndexSignature(t);if(i)return
e.body.push(i),t.abstract&&this.raise(t.start,pe.IndexSignatureHasAbstract),t.accessibility&&this.raise(t.start,pe.Ind
exSignatureHasAccessibility,t.accessibility),t.declare&&this.raise(t.start,pe.IndexSignatureHasDeclare),void(t.ove
rride&&this.raise(t.start,pe.IndexSignatureHasOverride));!this.state.inAbstractClass&&t.abstract&&this.raise(t.start,p
e.NonAbstractClassHasAbstractMethod),t.override&&(r.hadSuperClass||this.raise(t.start,pe.OverrideNotInSubClass
)),super.parseClassMemberWithIsStatic(e,t,r,n) }parsePostMemberNameModifiers(e) { this.eat(o.question)&&(e.opti
onal=!0),e.readonly&&this.match(o.parenL)&&this.raise(e.start,pe.ClassMethodHasReadonly),e.declare&&this.mat
ch(o.parenL)&&this.raise(e.start,pe.ClassMethodHasDeclare) }parseExpressionStatement(e,t) { return(\\\\"Identifier\\\\"
===t.type?this.tsParseExpressionStatement(e,t):void
0)||super.parseExpressionStatement(e,t) }shouldParseExportDeclaration() { return!this.tsIsDeclarationStart()||super.sh

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ouldParseExportDeclaration() }parseConditional(e,t,r,n){ if(!n||!this.match(o.question))return
super.parseConditional(e,t,r,n);const i=this.tryParse(=>super.parseConditional(e,t,r));return
i.node?(i.error&&(this.state=i.failState),i.node):(n.start=i.error.pos||this.state.start,e) }parseParenItem(e,t,r){ if(e=super
er.parseParenItem(e,t,r),this.eat(o.question)&&(e.optional=!0,this.resetEndLocation(e)),this.match(o.colon)){ const
n=this.startNodeAt(t,r);return
n.expression=e,n.typeAnnotation=this.tsParseTypeAnnotation(),this.finishNode(n,\\\\"TSTypeCastExpression\\\\"))}re
turn e }parseExportDeclaration(e){ const
t=this.state.start,r=this.state.startLoc,n=this.eatContextual(\\\\"declare\\\\"");if(n&&(this.isContextual(\\\\"declare\\\\""))!t
his.shouldParseExportDeclaration())throw this.raise(this.state.start,pe.ExpectedAmbientAfterExportDeclare);let
i;return
this.match(o.name)&&(i=this.tsTryParseExportDeclaration()),i||(i=super.parseExportDeclaration(e)),i&&(\\\\"TSInter
faceDeclaration\\\\"===i.type||\\\\"TSTypeAliasDeclaration\\\\"===i.type||n)&&(e.exportKind=\\\\"type\\\\"),i&&n&&(
this.resetStartLocation(i,t,r),i.declare=!0,i) }parseClassId(e,t,r){ if(!t||r)&&this.isContextual(\\\\"implements\\\\"))retur
n;super.parseClassId(e,t,r,e.declare?1024:139);const
n=this.tsTryParseTypeParameters();n&&(e.typeParameters=n) }parseClassPropertyAnnotation(e){ !e.optional&&this
.eat(o.bang)&&(e.definite=!0);const
t=this.tsTryParseTypeAnnotation();t&&(e.typeAnnotation=t) }parseClassProperty(e){ return
this.parseClassPropertyAnnotation(e),this.state.isAmbientContext&&this.match(o.eq)&&this.raise(this.state.start,pe
.DeclareClassFieldHasInitializer),super.parseClassProperty(e) }parseClassPrivateProperty(e){ return
e.abstract&&this.raise(e.start,pe.PrivateElementHasAbstract),e.accessibility&&this.raise(e.start,pe.PrivateElementH
asAccessibility,e.accessibility),this.parseClassPropertyAnnotation(e),super.parseClassPrivateProperty(e) }pushClass
Method(e,t,r,n,i,s){ const
a=this.tsTryParseTypeParameters();a&&i&&this.raise(a.start,pe.ConstructorHasTypeParameters),!t.declare||\\\\"get\\
\\\\"!==t.kind&&\\\\"set\\\\"!==t.kind||this.raise(t.start,pe.DeclareAccessor,t.kind),a&&(t.typeParameters=a),super.push
ClassMethod(e,t,r,n,i,s) }pushClassPrivateMethod(e,t,r,n){ const
i=this.tsTryParseTypeParameters();i&&(t.typeParameters=i),super.pushClassPrivateMethod(e,t,r,n) }parseClassSupe
r(e){ super.parseClassSuper(e),e.superClass&&this.isRelational(\\\\"<\\\\"))&&(e.superTypeParameters=this.tsParseTy
peArguments()),this.eatContextual(\\\\"implements\\\\"))&&(e.implements=this.tsParseHeritageClause(\\\\"implements\\
\\\\")) }parseObjPropValue(e,...t){ const
r=this.tsTryParseTypeParameters();r&&(e.typeParameters=r),super.parseObjPropValue(e,...t) }parseFunctionParams
(e,t){ const
r=this.tsTryParseTypeParameters();r&&(e.typeParameters=r),super.parseFunctionParams(e,t) }parseVarId(e,t){ super
.parseVarId(e,t),\\\\"Identifier\\\\"===e.id.type&&this.eat(o.bang)&&(e.definite=!0);const
r=this.tsTryParseTypeAnnotation();r&&(e.id.typeAnnotation=r,this.resetEndLocation(e.id)) }parseAsyncArrowFro
mCallExpression(e,t){ return
this.match(o.colon)&&(e.returnType=this.tsParseTypeAnnotation()),super.parseAsyncArrowFromCallExpression(e,
t) }parseMaybeAssign(...e){ var t,r,n,i,s,a,l;let
c,p,u,d;if(this.hasPlugin(\\\\"jsx\\\\"))&&(this.match(o.jsxTagStart)||this.isRelational(\\\\"<\\\\"))){ if(c=this.state.clone(),
p=this.tryParse(=>super.parseMaybeAssign(...e),c),!p.error)return p.node;const { context:t }=this.state;t[t.length-
1]=x.j_oTag?t.length-2:t[t.length-1]=x.j_expr&&(t.length-
=1) }if(!null!=(t=p)&&t.error||this.isRelational(\\\\"<\\\\"))return
super.parseMaybeAssign(...e);c=c||this.state.clone();const h=this.tryParse(t=>{ var
r,n;d=this.tsParseTypeParameters();const
i=super.parseMaybeAssign(...e);return(\\\\"ArrowFunctionExpression\\\\"===i.type||null!=(r=i.extra)&&r.parenthesize
d)&&t(),0==(null==(n=d)?void
0:n.params.length)&&this.resetStartLocationFromNode(i,d),i.typeParameters=d,i,c);if(!h.error&&!h.aborted)return
h.node;if(!p&&(ce(!this.hasPlugin(\\\\"jsx\\\\"))),u=this.tryParse(=>super.parseMaybeAssign(...e),c),!u.error))return
u.node;if(null!=(r=p)&&r.node)return this.state=p.failState,p.node;if(h.node)return

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```

this.state=h.failState,h.node;if(null!=(n=u)&& n.node)return
this.state=u.failState,u.node;if(null!=(i=p)&&i.thrown)throw p.error;if(h.thrown)throw
h.error;if(null!=(s=u)&&s.thrown)throw u.error;throw(null==(a=p)?void 0:a.error)||h.error||(null==(l=u)?void
0:l.error)}parseMaybeUnary(e){return!this.hasPlugin(\\\\"jsx\\\\")&&this.isRelational(\\\\"<\\\\")?this.tsParseTypeAsser
tion():super.parseMaybeUnary(e)}parseArrow(e){if(this.match(o.colon)){const t=this.tryParse(e=>{const
t=this.tsParseTypeOrTypePredicateAnnotation(o.colon);return!this.canInsertSemicolon()&&this.match(o.arrow)||e()
,t});if(t.aborted)return;t.thrown||(t.error&&(this.state=t.failState),e.returnType=t.node)}return
super.parseArrow(e)}parseAssignableListItemTypes(e){this.eat(o.question)&&(\\\\"Identifier\\\\"===e.type||this.state.
isAmbientContext||this.state.inType||this.raise(e.start,pe.PatternIsOptional),e.optional=!0);const
t=this.tsTryParseTypeAnnotation();return
t&&(e.typeAnnotation=t),this.resetEndLocation(e,e)}toAssignable(e,t=!1){switch(e.type){case\\\\"TSTypeCastExpr
ession\\\\":return super.toAssignable(this.typeCastToParameter(e,t);case\\\\"TSPParameterProperty\\\\":return
super.toAssignable(e,t);case\\\\"ParenthesizedExpression\\\\":return
this.toAssignableParenthesizedExpression(e,t);case\\\\"TSAsExpression\\\\":case\\\\"TSNonNullExpression\\\\":case\\\\"
TSTypeAssertion\\\\":return e.expression=this.toAssignable(e.expression,t),e;default:return
super.toAssignable(e,t)}toAssignableParenthesizedExpression(e,t){switch(e.expression.type){case\\\\"TSAsExpress
ion\\\\":case\\\\"TSNonNullExpression\\\\":case\\\\"TSTypeAssertion\\\\":case\\\\"ParenthesizedExpression\\\\":return
e.expression=this.toAssignable(e.expression,t),e;default:return super.toAssignable(e,t)}checkLVal(e,t,...r){var
n;switch(e.type){case\\\\"TSTypeCastExpression\\\\":return;case\\\\"TSPParameterProperty\\\\":return void
this.checkLVal(e.parameter,\\\\"parameter
property\\\\",...r);case\\\\"TSAsExpression\\\\":case\\\\"TSTypeAssertion\\\\":if(!(r[0]||\\\\"parenthesized
expression\\\\"===t||null!=(n=e.extra)&&n.parenthesized)){this.raise(e.start,T.InvalidLhs,t);break}return void
this.checkLVal(e.expression,\\\\"parenthesized expression\\\\",...r);case\\\\"TSNonNullExpression\\\\":return void
this.checkLVal(e.expression,t,...r);default:return void
super.checkLVal(e,t,...r)}parseBindingAtom(){switch(this.state.type){case o._this:return
this.parseIdentifier(!0);default:return
super.parseBindingAtom()}parseMaybeDecoratorArguments(e){if(this.isRelational(\\\\"<\\\\")){const
t=this.tsParseTypeArguments();if(this.match(o.parenL)){const r=super.parseMaybeDecoratorArguments(e);return
r.typeParameters=t,r}this.unexpected(this.state.start,o.parenL)}return
super.parseMaybeDecoratorArguments(e)}checkCommaAfterRest(e){this.state.isAmbientContext&&this.match(o.c
omma)&&this.lookaheadCharCode()===e?this.next():super.checkCommaAfterRest(e)}isClassMethod(){return
this.isRelational(\\\\"<\\\\")||super.isClassMethod()}isClassProperty(){return
this.match(o.bang)||this.match(o.colon)||super.isClassProperty()}parseMaybeDefault(...e){const
t=super.parseMaybeDefault(...e);return\\\\"AssignmentPattern\\\\"===t.type&&t.typeAnnotation&&t.right.start<t.type
Annotation.start&&this.raise(t.typeAnnotation.start,pe.TypeAnnotationAfterAssign),t}getTokenFromCode(e){retur
n!this.state.inType||62!==e&&60!==e?super.getTokenFromCode(e):this.finishOp(o.relational,1)}reScan_lt_gt(){if(t
his.match(o.relational)){const e=this.input.charCodeAtAt(this.state.start);60!==e&&62!==e||(this.state.pos-
=1,this.readToken_lt_gt(e))}toAssignableList(e){for(let t=0;t<e.length;t++){const
r=e[t];if(r)switch(r.type){case\\\\"TSTypeCastExpression\\\\":e[t]=this.typeCastToParameter(r);break;case\\\\"TSAsEx
pression\\\\":case\\\\"TSTypeAssertion\\\\":this.state.maybeInArrowParameters?this.raise(r.start,pe.UnexpectedTypeCa
stInParameter):e[t]=this.typeCastToParameter(r)}return
super.toAssignableList(...arguments)}typeCastToParameter(e){return
e.expression.typeAnnotation=e.typeAnnotation,this.resetEndLocation(e.expression,e.typeAnnotation.end,e.typeAnn
otation.loc.end),e.expression}shouldParseArrow(){return
this.match(o.colon)||super.shouldParseArrow()}shouldParseAsyncArrow(){return
this.match(o.colon)||super.shouldParseAsyncArrow()}canHaveLeadingDecorator(){return
super.canHaveLeadingDecorator()}isAbstractClass(){jsxParseOpeningElementAfterName(e){if(this.isRelational(\\\\"<\\\\")){const t=this.tsTryParseAndCatch(=>this.tsParseTypeArguments());t&&(e.typeParameters=t)}return

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super.jsxParseOpeningElementAfterName(e)}getGetterSetterExpectedParamCount(e){const
t=super.getGetterSetterExpectedParamCount(e),r=this.getObjectOrClassMethodParams(e)[0];return
r&&this.isThisParam(r)?t+1:t}parseCatchClauseParam(){const
e=super.parseCatchClauseParam(),t=this.tsTryParseTypeAnnotation();return
t&&(e.typeAnnotation=t,this.resetEndLocation(e)),e}tsInAmbientContext(e){const
t=this.state.isAmbientContext;this.state.isAmbientContext=!0;try{return
e()}finally{this.state.isAmbientContext=t}}parseClass(e,...t){const
r=this.state.inAbstractClass;this.state.inAbstractClass=!e.abstract;try{return
super.parseClass(e,...t)}finally{this.state.inAbstractClass=r}}tsParseAbstractDeclaration(e){if(this.match(o._class))r
eturn
e.abstract=!0,this.parseClass(e,!0,!1);if(this.isContextual(\\\\"interface\\"))){if(!this.hasFollowingLineBreak())return
e.abstract=!0,this.raise(e.start,pe.NonClassMethodPropertyHasAbstractModifier),this.next(),this.tsParseInterfaceDecl
aration(e)}else this.unexpected(null,o._class)}parseMethod(...e){const
t=super.parseMethod(...e);if(t.abstract){if(this.hasPlugin(\\\\"estree\\"))?!t.value.body:!t.body){const{key:e}=t;this.
raise(t.start,pe.AbstractMethodHasImplementation,\\\\"Identifier\\"===e.type?e.name:`[${this.input.slice(e.start,e.en
d)}]`)}return
t}shouldParseAsAmbientContext(){return!!this.getPluginOption(\\\\"typescript\\"|\\\\"dts\\"))}parse(){return
this.shouldParseAsAmbientContext()&&(this.state.isAmbientContext=!0),super.parse()}getExpression(){return
this.shouldParseAsAmbientContext()&&(this.state.isAmbientContext=!0),super.getExpression()}}v8Intrinsic:e=>cl
ass extends e{parseV8Intrinsic(){if(this.match(o.modulo)){const
e=this.state.start,t=this.startNode();if(this.eat(o.modulo),this.match(o.name)){const
e=this.parseIdentifierName(this.state.start),r=this.createIdentifier(t,e);if(r.type=\\\\"V8IntrinsicIdentifier\\"),this.matc
h(o.parenL))return r}this.unexpected(e)}}parseExprAtom(){return
this.parseV8Intrinsic()||super.parseExprAtom(...arguments)}}placeholders:e=>class extends
e{parsePlaceholder(e){if(this.match(o.placeholder)){const t=this.startNode();return
this.next(),this.assertNoSpace(\\\\"Unexpected space in
placeholder.\\\\"),t.name=super.parseIdentifier(!0),this.assertNoSpace(\\\\"Unexpected space in
placeholder.\\\\"),this.expect(o.placeholder),this.finishPlaceholder(t,e)}}finishPlaceholder(e,t){const
r=!(!e.expectedNode||\\\\"Placeholder\\"!==e.type);return
e.expectedNode=t,r?e:this.finishNode(e,\\\\"Placeholder\\"))}getTokenFromCode(e){return
37===e&&37===this.input.charCodeAtAt(this.state.pos+1)?this.finishOp(o.placeholder,2):super.getTokenFromCode(
...arguments)}parseExprAtom(){return
this.parsePlaceholder(\\\\"Expression\\"))||super.parseExprAtom(...arguments)}parseIdentifier(){return
this.parsePlaceholder(\\\\"Identifier\\"))||super.parseIdentifier(...arguments)}checkReservedWord(e){void
0!==(e&&super.checkReservedWord(...arguments))}parseBindingAtom(){return
this.parsePlaceholder(\\\\"Pattern\\"))||super.parseBindingAtom(...arguments)}checkLVal(e){\\\\"Placeholder\\"!==e.t
ype&&super.checkLVal(...arguments)}toAssignable(e){return
e&&\\\\"Placeholder\\"===e.type&&\\\\"Expression\\"===e.expectedNode?(e.expectedNode=\\\\"Pattern\\"),e):super.
toAssignable(...arguments)}isLet(e){if(super.isLet(e))return!0;if(!this.isContextual(\\\\"let\\"))return!1;if(e)return!1;r
eturn
this.lookahead().type===o.placeholder}verifyBreakContinue(e){e.label&&\\\\"Placeholder\\"===e.label.type||super.
verifyBreakContinue(...arguments)}parseExpressionStatement(e,t){if(\\\\"Placeholder\\"!==t.type|t.extra&&t.extra.p
arenthesized)return super.parseExpressionStatement(...arguments);if(this.match(o.colon)){const r=e;return
r.label=this.finishPlaceholder(t,\\\\"Identifier\\"),this.next(),r.body=this.parseStatement(\\\\"label\\"),this.finishNode(
r,\\\\"LabeledStatement\\"))}return
this.semicolon(),e.name=t.name,this.finishPlaceholder(e,\\\\"Statement\\"))}parseBlock(){return
this.parsePlaceholder(\\\\"BlockStatement\\"))||super.parseBlock(...arguments)}parseFunctionId(){return
this.parsePlaceholder(\\\\"Identifier\\"))||super.parseFunctionId(...arguments)}parseClass(e,t,r){const

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n=t?\\\\"ClassDeclaration\\\\":\\\\"ClassExpression\\\\";this.next(),this.takeDecorators(e);const
i=this.state.strict,s=this.parsePlaceholder(\\\\"Identifier\\\\"");if(s)if(this.match(o._extends)||this.match(o.placeholder)||t
his.match(o.braceL))e.id=s;else{if(r)!return
e.id=null,e.body=this.finishPlaceholder(s,\\\\"ClassBody\\\\"),this.finishNode(e,n);this.unexpected(null,de.ClassName
IsRequired)}else this.parseClassId(e,t,r);return
this.parseClassSuper(e),e.body=this.parsePlaceholder(\\\\"ClassBody\\\\")||this.parseClassBody(!e.superClass,i),this.f
inishNode(e,n)}parseExport(e){const t=this.parsePlaceholder(\\\\"Identifier\\\\"");if(!t)return
super.parseExport(...arguments);if(!this.isContextual(\\\\"from\\\\""))&&!this.match(o.comma))return
e.specifiers=[],e.source=null,e.declaration=this.finishPlaceholder(t,\\\\"Declaration\\\\"),this.finishNode(e,\\\\"ExportN
amedDeclaration\\\\"");this.expectPlugin(\\\\"exportDefaultFrom\\\\"");const r=this.startNode();return
r.exported=t,e.specifiers=[this.finishNode(r,\\\\"ExportDefaultSpecifier\\\\""),super.parseExport(e)]isExportDefaultSp
ecifier(){if(this.match(o._default)){const
e=this.nextTokenStart();if(this.isUnparsedContextual(e,\\\\"from\\\\""))&&this.input.startsWith(o.placeholder.label,this
.nextTokenStartSince(e+4))return!0}return
super.isExportDefaultSpecifier()}maybeParseExportDefaultSpecifier(e){return!(e.specifiers&&e.specifiers.length>
0)||super.maybeParseExportDefaultSpecifier(...arguments)}checkExport(e){const{specifiers:t}=e,null!=t&&t.length
&&(e.specifiers=t.filter(e=>\\\\"Placeholder\\\\"===e.exported.type)),super.checkExport(e),e.specifiers=t}parseImpor
t(e){const t=this.parsePlaceholder(\\\\"Identifier\\\\"");if(!t)return
super.parseImport(...arguments);if(e.specifiers=[],!this.isContextual(\\\\"from\\\\""))&&!this.match(o.comma))return
e.source=this.finishPlaceholder(t,\\\\"StringLiteral\\\\"),this.semicolon(),this.finishNode(e,\\\\"ImportDeclaration\\\\"");c
onst
r=this.startNodeAtNode(t);if(r.local=t,this.finishNode(r,\\\\"ImportDefaultSpecifier\\\\""),e.specifiers.push(r),this.eat(o
.comma)){this.maybeParseStarImportSpecifier(e)||this.parseNamedImportSpecifiers(e)}return
this.expectContextual(\\\\"from\\\\""),e.source=this.parseImportSource(),this.semicolon(),this.finishNode(e,\\\\"ImportD
eclaration\\\\"")}parseImportSource(){return
this.parsePlaceholder(\\\\"StringLiteral\\\\")||super.parseImportSource(...arguments)}}},be=Object.keys(Te),ge={sour
ceType:\\\\"script\\\\"},sourceFilename:void
0,startLine:1,allowAwaitOutsideFunction:!1,allowReturnOutsideFunction:!1,allowImportExportEverywhere:!1,allo
wSuperOutsideMethod:!1,allowUndeclaredExports:!1,plugins:[],strictMode:null,ranges:!1,tokens:!1,createParenthes
izedExpressions:!1,errorRecovery:!1};class Se{constructor(){this.strict=void 0,this.curLine=void
0,this.startLoc=void 0,this.endLoc=void 0,this.errors=[],this.potentialArrowAt=-
1,this.noArrowAt=[],this.noArrowParamsConversionAt=[],this.maybeInArrowParameters=!1,this.inPipeline=!1,this
.inType=!1,this.noAnonFunctionType=!1,this.inPropertyName=!1,this.hasFlowComment=!1,this.isAmbientContext
=!1,this.inAbstractClass=!1,this.topicContext={maxNumOfResolvableTopics:0,maxTopicIndex:null},this.soloAwait
=!1,this.inFSharpPipelineDirectBody=!1,this.labels=[],this.decoratorStack=[[]],this.comments=[],this.trailingCom
ments=[],this.leadingComments=[],this.commentStack=[],this.commentPreviousNode=null,this.pos=0,this.lineStart
=0,this.type=o.eof,this.value=null,this.start=0,this.end=0,this.lastTokEndLoc=null,this.lastTokStartLoc=null,this.las
tTokStart=0,this.lastTokEnd=0,this.context=[x.braceStatement],this.exprAllowed=!0,this.containsEsc=!1,this.strictE
rrors=new
Map,this.exportedIdentifiers=[],this.tokensLength=0}init(e){this.strict=!1!==e.strictMode&&\\\\"module\\\\"===e.so
urceType,this.curLine=e.startLine,this.startLoc=this.endLoc=this.curPosition()}curPosition(){return new
h(this.curLine,this.pos-this.lineStart)}clone(e){const t=new Se,r=Object.keys(this);for(let
n=0,i=r.length;n<i;n++){const i=r[n];let s=this[i];!e&&Array.isArray(s)&&(s=s.slice()),t[i]=s}return t}}var
xe=function(e){return e>=48&&e<=57};const Ee=new
Set([\\\\"g\\\\",\\\\"m\\\\",\\\\"s\\\\",\\\\"i\\\\",\\\\"y\\\\",\\\\"u\\\\"]),Pe={decBinOct:[46,66,69,79,95,98,101,111],hex:[46,88,95,1
20]},ve={bin:[48,49];ve.oct=[...ve.bin,50,51,52,53,54,55],ve.dec=[...ve.oct,56,57],ve.hex=[...ve.dec,65,66,67,68,69
,70,97,98,99,100,101,102];class
Ae{constructor(e){this.type=e.type,this.value=e.value,this.start=e.start,this.end=e.end,this.loc=new

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f(e.startLoc,e.endLoc)}}class we{constructor(){this.privateNames=new Set,this.loneAccessors=new
Map,this.undefinedPrivateNames=new Map}}class
Oe{constructor(e){this.stack=[],this.undefinedPrivateNames=new Map,this.raise=e}current(){return
this.stack[this.stack.length-1]}enter(){this.stack.push(new we)}exit(){const
e=this.stack.pop(),t=this.current();for(const[r,n]of
Array.from(e.undefinedPrivateNames))t.undefinedPrivateNames.has(r)||t.undefinedPrivateNames.set(r,n):this.raise
(n,T.InvalidPrivateFieldResolution,r)}declarePrivateName(e,t,r){const n=this.current();let
i=n.privateNames.has(e);if(3&t){const r=i&&n.loneAccessors.get(e);if(r){const
s=4&r,a=4&t;i=(3&r)===(3&t)||s!==a,i||n.loneAccessors.delete(e)}else
i||n.loneAccessors.set(e,t)}i&&this.raise(r,T.PrivateNameRedeclaration,e),n.privateNames.add(e),n.undefinedPrivat
eNames.delete(e)}usePrivateName(e,t){let r;for(r of
this.stack)if(r.privateNames.has(e))return;r?r.undefinedPrivateNames.set(e,t):this.raise(t,T.InvalidPrivateFieldResol
ution,e)}class Ie{constructor(e=0){this.type=void 0,this.type=e}canBeArrowParameterDeclaration(){return
2===this.type||1===this.type}isCertainlyParameterDeclaration(){return 3===this.type}}class Ce extends
Ie{constructor(e){super(e),this.errors=new
Map}recordDeclarationError(e,t){this.errors.set(e,t)}clearDeclarationError(e){this.errors.delete(e)}iterateErrors(e){t
his.errors.forEach(e)}class Ne{constructor(e){this.stack=[new
Ie],this.raise=e}enter(e){this.stack.push(e)}exit(){this.stack.pop()}recordParameterInitializerError(e,t){const{stack:r
}=this;let n=r.length-
1,i=r[n];for(;!i.isCertainlyParameterDeclaration();){if(!i.canBeArrowParameterDeclaration())return;i.recordDeclarat
ionError(e,t),i=r[--n]}this.raise(e,t)}recordParenthesizedIdentifierError(e,t){const{stack:r}=this,n=r[r.length-
1];if(n.isCertainlyParameterDeclaration())this.raise(e,t);else{if(!n.canBeArrowParameterDeclaration())return;n.recor
dDeclarationError(e,t)}recordAsyncArrowParametersError(e,t){const{stack:r}=this;let n=r.length-
1,i=r[n];for(;i.canBeArrowParameterDeclaration();){2===i.type&&i.recordDeclarationError(e,t),i=r[--
n]}validateAsPattern(){const{stack:e}=this,t=e[e.length-
1];t.canBeArrowParameterDeclaration()&&t.iterateErrors((t,r)=>{this.raise(r,t);let n=e.length-
2,i=e[n];for(;i.canBeArrowParameterDeclaration();i.clearDeclarationError(r),i=e[--n]}})}function ke(){return new
Ie}class De{constructor(){this.shorthandAssign=-1,this.doubleProto=-1}}class _e{constructor(e,t,r){this.type=void
0,this.start=void 0,this.end=void 0,this.loc=void 0,this.range=void 0,this.leadingComments=void
0,this.trailingComments=void 0,this.innerComments=void 0,this.extra=void
0,this.type=\\\"\\\"\\\",this.start=t,this.end=0,this.loc=new
f(r),null!=e&&e.options.ranges&&(this.range=[t,0]),null!=e&&e.filename&&(this.loc.filename=e.filename)}__clon
e(){const e=new _e,t=Object.keys(this);for(let r=0,n=t.length;r<n;r++){const
n=t[r];\\\"\\\"leadingComments\\\"\\\"!=n&&\\\"\\\"trailingComments\\\"\\\"!=n&&\\\"\\\"innerComments\\\"\\\"!=n&&(e[n]=this[n
])}return e}const Le=e=>\\\"\\\"ParenthesizedExpression\\\"\\\"===e.type?Le(e.expression):e;const
Me={kind:\\\"\\\"loop\\\"\\\"},je={kind:\\\"\\\"switch\\\"\\\"},Fe=/[\\\"\\\"u00D800-\\\"\\\"u00DFFF]/u;class Re extends class extends class
extends class extends class extends class extends class extends class extends class extends class
class{constructor(){this.sawUnambiguousESM=!1,this.ambiguousScriptDifferentAst=!1}hasPlugin(e){return
this.plugins.has(e)}getPluginOption(e,t){if(this.hasPlugin(e))return
this.plugins.get(e)[t]}addComment(e){this.filename&&(e.loc.filename=this.filename),this.state.trailingComments
.push(e),this.state.leadingComments.push(e)}adjustCommentsAfterTrailingComma(e,t,r){if(0===this.state.leadingC
omments.length)return;let n=null,i=t.length;for(;null===n&&i>0;n=t[--i];if(null===n)return;for(let
e=0;e<this.state.leadingComments.length;e++)this.state.leadingComments[e].end<this.state.commentPreviousNode.
end&&(this.state.leadingComments.splice(e,1),e--);const s=[];for(let
t=0;t<this.state.leadingComments.length;t++){const
n=this.state.leadingComments[t];n.end<e.end?(s.push(n),r||(this.state.leadingComments.splice(t,1),t--)):void
0===e.trailingComments&&(e.trailingComments=[]),e.trailingComments.push(n)}r&&(this.state.leadingComment
s=[]),s.length>0?n.trailingComments=s:void

```

```

0!==n.trailingComments&&(n.trailingComments=[])}processComment(e){if(\\\\"Program\\\\"===e.type&&e.body.length>0)return;const t=this.state.commentStack;let
r,n,i,s,a;if(this.state.trailingComments.length>0)this.state.trailingComments[0].start>=e.end?(i=this.state.trailingComments,this.state.trailingComments=[]):this.state.trailingComments.length=0;else if(t.length>0){const
r=m(t);r.trailingComments&&r.trailingComments[0].start>=e.end&&(i=r.trailingComments,delete
r.trailingComments)}for(t.length>0&&m(t).start>=e.start&&(r=t.pop());t.length>0&&m(t).start>=e.start;)n=t.pop();
if(!n&&r&&(n=r),r)switch(e.type){case\\\\"ObjectExpression\\\\":this.adjustCommentsAfterTrailingComma(e,e.properties);break;case\\\\"ObjectPattern\\\\":this.adjustCommentsAfterTrailingComma(e,e.properties,!0);break;case\\\\"Call
Expression\\\\":this.adjustCommentsAfterTrailingComma(e,e.arguments);break;case\\\\"ArrayExpression\\\\":this.adjustCommentsAfterTrailingComma(e,e.elements);break;case\\\\"ArrayPattern\\\\":this.adjustCommentsAfterTrailingComma(e,e.elements,!0)}else
this.state.commentPreviousNode&&(\\\\"ImportSpecifier\\\\"===this.state.commentPreviousNode.type&&\\\\"ImportSpecifier\\\\"!==e.type||\\\\"ExportSpecifier\\\\"===this.state.commentPreviousNode.type&&\\\\"ExportSpecifier\\\\"!==e.type)&&this.adjustCommentsAfterTrailingComma(e,[this.state.commentPreviousNode]);if(n){if(n.leadingComments)if(n!==e&&n.leadingComments.length>0&&m(n.leadingComments).end<=e.start)e.leadingComments=n.leadingComments,delete n.leadingComments;else for(s=n.leadingComments.length-2;s>=0;--s)if(n.leadingComments[s].end<=e.start){e.leadingComments=n.leadingComments.splice(0,s+1);break}}else
if(this.state.leadingComments.length>0)if(m(this.state.leadingComments).end<=e.start){if(this.state.commentPreviousNode)for(a=0;a<this.state.leadingComments.length;a++)this.state.leadingComments[a].end<this.state.commentPreviousNode.end&&(this.state.leadingComments.splice(a,1),a--);this.state.leadingComments.length>0&&(e.leadingComments=this.state.leadingComments,this.state.leadingComments=[])}else{for(s=0;s<this.state.leadingComments.length&&(this.state.leadingComments[s].end>e.start);s++);const
t=this.state.leadingComments.slice(0,s);t.length&&(e.leadingComments=t),i=this.state.leadingComments.slice(s),0===i.length&&(i=null)}if(this.state.commentPreviousNode=e,i)if(i.length&&i[0].start>=e.start&&m(i).end<=e.end)e.innerComments=i;else{const
t=i.findIndex(t=>t.end>=e.end);t>0?(e.innerComments=i.slice(0,t),e.trailingComments=i.slice(t)):e.trailingComments=i}t.push(e)}{getLocationForPosition(e){let t;return
t=e===this.state.start?this.state.startLoc:e===this.state.lastTokStart?this.state.lastTokStartLoc:e===this.state.end?this.state.endLoc:e===this.state.lastTokEnd?this.state.lastTokEndLoc:function(e,t){let
r,n=1,i=0;for(c.lastIndex=0;(r=c.exec(e))&&r.index<t;)n++,i=c.lastIndex;return new h(n,t-i)}(this.input,e),t)raise(e,{code:t,reasonCode:r,template:n},...i){return
this.raiseWithData(e,{code:t,reasonCode:r},n,...i)}raiseOverwrite(e,{code:t,template:r},...n){const
i=this.getLocationForPosition(e),s=r.replace(/%(\|d+)/g,(e,t)=>n[t])+`
(${i.line}:${i.column})`;if(this.options.errorRecovery){const t=this.state.errors;for(let r=t.length-1;r>=0;r--){const
n=t[r];if(n.pos===e)return Object.assign(n,{message:s});if(n.pos<e)break}}return
this._raise({code:t,loc:i,pos:e},s)}raiseWithData(e,t,r,...n){const
i=this.getLocationForPosition(e),s=r.replace(/%(\|d+)/g,(e,t)=>n[t])+`
(${i.line}:${i.column})`;return
this._raise(Object.assign({loc:i,pos:e},t),s)}_raise(e,t){const r=new
SyntaxError(t);if(Object.assign(r,e),this.options.errorRecovery)return
this.isLookahead||this.state.errors.push(r),r;throw r}}constructor(e,t){super(),this.isLookahead=void
0,this.tokens=[],this.state=new
Se,this.state.init(e),this.input=t,this.length=t.length,this.isLookahead=!1}pushToken(e){this.tokens.length=this.state.tokensLength,this.tokens.push(e),++this.state.tokensLength}next(){this.isLookahead||(this.checkKeywordEscapes(),
this.options.tokens&&this.pushToken(new
Ae(this.state))),this.state.lastTokEnd=this.state.end,this.state.lastTokStart=this.state.start,this.state.lastTokEndLoc=this.state.endLoc,this.state.lastTokStartLoc=this.state.startLoc,this.nextToken()}eat(e){return!!this.match(e)&&(this.next(),!0)}match(e){return this.state.type===e}lookahead(){const

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```

e=this.state;this.state=e.clone(!0),this.isLookahead=!0,this.next(),this.isLookahead=!1;const t=this.state;return
this.state=e,t}nextTokenStart(){return this.nextTokenStartSince(this.state.pos)}nextTokenStartSince(e){return
u.lastIndex=e,e+u.exec(this.input)[0].length}lookaheadCharCode(){return
this.input.charCodeAtAt(this.nextTokenStart())}codePointAtPos(e){let
t=this.input.charCodeAtAt(e);if(55296==(64512&t)&&+e<this.input.length){const
r=this.input.charCodeAtAt(e);56320==(64512&r)&&(t=65536+((1023&t)<<10)+(1023&r))}return
t}setStrict(e){this.state.strict=e,e&&(this.state.strictErrors.forEach((e,t)=>this.raise(t,e)),this.state.strictErrors.clear()
)}curContext(){return this.state.context[this.state.context.length-1]}nextToken(){const
e=this.curContext();if(null!=e&&e.preserveSpace||this.skipSpace(),this.state.start=this.state.pos,this.state.startLoc=t
his.state.curPosition(),this.state.pos>=this.length)return void this.finishToken(o.eof);const t=null==e?void
0:e.override;t?(this):this.getTokenFromCode(this.codePointAtPos(this.state.pos))}pushComment(e,t,r,n,i,s){const
a={type:e?"CommentBlock":"CommentLine",value:t,start:r,end:n,loc:new
f(i,s)};this.options.tokens&&this.pushToken(a),this.state.comments.push(a),this.addComment(a)}skipBlockComme
nt(){const e=this.state.curPosition(),t=this.state.pos,r=this.input.indexOf("\\/*^/",this.state.pos+2);if(-1===r)throw
this.raise(t,T.UnterminatedComment);let
n;for(this.state.pos=r+2,c.lastIndex=t;(n=c.exec(this.input))&&n.index<this.state.pos;)+this.state.curLine,this.state.
lineStart=n.index+n[0].length;this.isLookahead||this.pushComment(!0,this.input.slice(t+2,r),t,this.state.pos,e,this.stat
e.curPosition())}skipLineComment(e){const t=this.state.pos,r=this.state.curPosition();let
n=this.input.charCodeAtAt(this.state.pos+e);if(this.state.pos<this.length)for(;!p(n)&&+this.state.pos<this.length;n
=this.input.charCodeAtAt(this.state.pos);this.isLookahead||this.pushComment(!1,this.input.slice(t+e,this.state.pos),t,thi
s.state.pos,r,this.state.curPosition()))}skipSpace(){e:for(;this.state.pos<this.length;){const
e=this.input.charCodeAtAt(this.state.pos);switch(e){case 32:case 160:case 9:++this.state.pos;break;case
13:10===this.input.charCodeAtAt(this.state.pos+1)&&+this.state.pos;case 10:case 8232:case
8233:++this.state.pos,++this.state.curLine,this.state.lineStart=this.state.pos;break;case
47:switch(this.input.charCodeAtAt(this.state.pos+1)){case 42:this.skipBlockComment();break;case
47:this.skipLineComment(2);break;default:break e}break;default:if(!d(e))break
e;+this.state.pos}}finishToken(e,t){this.state.end=this.state.pos,this.state.endLoc=this.state.curPosition();const
r=this.state.type;this.state.type=e,this.state.value=t,this.isLookahead||this.updateContext(r)}readToken_numberSign(
){if(0===this.state.pos&&this.readToken_interpreter())return;const
e=this.state.pos+1,t=this.codePointAtPos(e);if(t>=48&&t<=57)throw
this.raise(this.state.pos,T.UnexpectedDigitAfterHash);if(123===t||91===t&&this.hasPlugin("\\recordAndTuple\\")){if(this.expectPlugin("\\recordAndTuple\\"),\\"hash\\"!==this.getPluginOption("\\recordAndTuple\\",\\"syntax
Type\\"))throw
this.raise(this.state.pos,123===t?T.RecordExpressionHashIncorrectStartSyntaxType:T.TupleExpressionHashIncorre
ctStartSyntaxType);123===t?this.finishToken(o.braceHashL):this.finishToken(o.bracketHashL),this.state.pos+=2}e
lse
C(t)?(++this.state.pos,this.finishToken(o.privateName,this.readWord1(t))):92===t?(++this.state.pos,this.finishToke
n(o.privateName,this.readWord1())):this.finishOp(o.hash,1)}readToken_dot(){const
e=this.input.charCodeAtAt(this.state.pos+1);e>=48&&e<=57?this.readNumber(!0):46===e&&46===this.input.charC
odeAt(this.state.pos+2)?(this.state.pos+=3,this.finishToken(o.ellipsis)):(++this.state.pos,this.finishToken(o.dot))}rea
dToken_slash(){if(this.state.exprAllowed&&!this.state.inType)return++this.state.pos,void
this.readRegexp();61===this.input.charCodeAtAt(this.state.pos+1)?this.finishOp(o.assign,2):this.finishOp(o.slash,1)}r
eadToken_interpreter(){if(0!==this.state.pos||this.length<2)return!1;let
e=this.input.charCodeAtAt(this.state.pos+1);if(33===e)return!1;const
t=this.state.pos;for(this.state.pos+=1;!p(e)&&+this.state.pos<this.length;)e=this.input.charCodeAtAt(this.state.pos);c
onst r=this.input.slice(t+2,this.state.pos);return
this.finishToken(o.interpreterDirective,r,!0)}readToken_mult_modulo(e){let
t=42===e?o.star:o.modulo,r=1,n=this.input.charCodeAtAt(this.state.pos+1);const

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i=this.state.exprAllowed;42===e&&42===n&&(r++,n=this.input.charCodeAt(this.state.pos+2),t=o.exponent),61!=
=n||i||(r++,t=o.assign),this.finishOp(t,r)}readToken_pipe_amp(e){const
t=this.input.charCodeAt(this.state.pos+1);if(t!==e){if(124===e){if(62===t)return void
this.finishOp(o.pipeline,2);if(this.hasPlugin(\\\"recordAndTuple\\\")&&125===t){if(\\\"bar\\\"!==this.getPluginOpti
on(\\\"recordAndTuple\\\",\\\"syntaxType\\\"))throw
this.raise(this.state.pos,T.RecordExpressionBarIncorrectEndSyntaxType);return void
this.finishOp(o.braceBarR,2)}if(this.hasPlugin(\\\"recordAndTuple\\\")&&93===t){if(\\\"bar\\\"!==this.getPluginOp
tion(\\\"recordAndTuple\\\",\\\"syntaxType\\\"))throw
this.raise(this.state.pos,T.TupleExpressionBarIncorrectEndSyntaxType);return void
this.finishOp(o.bracketBarR,2)}61!==t?this.finishOp(124===e?o.bitwiseOR:o.bitwiseAND,1):this.finishOp(o.assi
gn,2)}else
61===this.input.charCodeAt(this.state.pos+2)?this.finishOp(o.assign,3):this.finishOp(124===e?o.logicalOR:o.logic
alAND,2)}readToken_caret(){61===this.input.charCodeAt(this.state.pos+1)?this.finishOp(o.assign,2):this.finishOp
(o.bitwiseXOR,1)}readToken_plus_min(e){const t=this.input.charCodeAt(this.state.pos+1);if(t===e)return
45!==t||this.inModule||62!==this.input.charCodeAt(this.state.pos+2)||0!==this.state.lastTokEnd&&!this.hasPrecedin
gLineBreak()?void this.finishOp(o.incDec,2):(this.skipLineComment(3),this.skipSpace(),void
this.nextToken());61===t?this.finishOp(o.assign,2):this.finishOp(o.plusMin,1)}readToken_lt_gt(e){const
t=this.input.charCodeAt(this.state.pos+1);let r=1;return
t===e?(r=62===e&&62===this.input.charCodeAt(this.state.pos+2)?3:2,61===this.input.charCodeAt(this.state.pos+
r)?void this.finishOp(o.assign,r+1):void
this.finishOp(o.bitShift,r)):33!==t||60!==e||this.inModule||45!==this.input.charCodeAt(this.state.pos+2)||45!==this.in
put.charCodeAt(this.state.pos+3)?(61===t&&(r=2),void
this.finishOp(o.relational,r):(this.skipLineComment(4),this.skipSpace(),void
this.nextToken()))readToken_eq_excl(e){const t=this.input.charCodeAt(this.state.pos+1);if(61!==t)return
61===e&&62===t?(this.state.pos+=2,void this.finishToken(o.arrow)):void
this.finishOp(61===e?o.eq:o.bang,1);this.finishOp(o.equality,61===this.input.charCodeAt(this.state.pos+2)?3:2)}re
adToken_question(){const
e=this.input.charCodeAt(this.state.pos+1),t=this.input.charCodeAt(this.state.pos+2);63===e?61===t?this.finishOp(
o.assign,3):this.finishOp(o.nullishCoalescing,2):46!==e||t>=48&&t<=57?(++this.state.pos,this.finishToken(o.questi
on)):this.state.pos+=2,this.finishToken(o.questionDot)}getTokenFromCode(e){switch(e){case 46:return void
this.readToken_dot();case 40:return++this.state.pos,void this.finishToken(o.parenL);case
41:return++this.state.pos,void this.finishToken(o.parenR);case 59:return++this.state.pos,void
this.finishToken(o.semi);case 44:return++this.state.pos,void this.finishToken(o.comma);case
91:if(this.hasPlugin(\\\"recordAndTuple\\\")&&124===this.input.charCodeAt(this.state.pos+1)){if(\\\"bar\\\"!==this.
getPluginOption(\\\"recordAndTuple\\\",\\\"syntaxType\\\"))throw
this.raise(this.state.pos,T.TupleExpressionBarIncorrectStartSyntaxType);this.finishToken(o.bracketBarL),this.state.
pos+=2}else++this.state.pos,this.finishToken(o.bracketL);return;case 93:return++this.state.pos,void
this.finishToken(o.bracketR);case
123:if(this.hasPlugin(\\\"recordAndTuple\\\")&&124===this.input.charCodeAt(this.state.pos+1)){if(\\\"bar\\\"!==thi
s.getPluginOption(\\\"recordAndTuple\\\",\\\"syntaxType\\\"))throw
this.raise(this.state.pos,T.RecordExpressionBarIncorrectStartSyntaxType);this.finishToken(o.braceBarL),this.state.p
os+=2}else++this.state.pos,this.finishToken(o.braceL);return;case 125:return++this.state.pos,void
this.finishToken(o.braceR);case 58:return
void(this.hasPlugin(\\\"functionBind\\\")&&58===this.input.charCodeAt(this.state.pos+1)?this.finishOp(o.doubleCo
lon,2):(++this.state.pos,this.finishToken(o.colon));case 63:return void this.readToken_question();case
96:return++this.state.pos,void this.finishToken(o.backQuote);case 48:{const
e=this.input.charCodeAt(this.state.pos+1);if(120===e||88===e)return void
this.readRadixNumber(16);if(111===e||79===e)return void this.readRadixNumber(8);if(98===e||66===e)return

```



```

this.state.pos,!0,e),++this.state.pos,null!==t&&t>1114111){if(!e)return null;this.raise(r,T.InvalidCodePoint)}}else
t=this.readHexChar(4,!1,e);return t}readString(e){let
t=\\\\"\\",r=++this.state.pos;for(;;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,T.UnterminatedString);const
n=this.input.charCodeAtAt(this.state.pos);if(n===e)break;if(92===n)t+=this.input.slice(r,this.state.pos),t+=this.readEsc
apedChar(!1),r=this.state.pos;else
if(8232===n||8233===n)++this.state.pos,++this.state.curLine,this.state.lineStart=this.state.pos;else{if(p(n))throw
this.raise(this.state.start,T.UnterminatedString);++this.state.pos}}t+=this.input.slice(r,this.state.pos++),this.finishTo
ken(o.string,t)}readTplToken(){let e=\\\\"\\",t=this.state.pos,r=!1;for(;;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,T.UnterminatedTemplate);const
n=this.input.charCodeAtAt(this.state.pos);if(96===n||36===n&&123===this.input.charCodeAtAt(this.state.pos+1))retur
n this.state.pos===this.state.start&&this.match(o.template)?36===n?(this.state.pos+=2,void
this.finishToken(o.dollarBraceL)):(++this.state.pos,void
this.finishToken(o.backQuote)):(e+=this.input.slice(t,this.state.pos),void
this.finishToken(o.template,r?null:e));if(92===n){e+=this.input.slice(t,this.state.pos);const
n=this.readEscapedChar(!0);null===n?r=!0:e+=n,t=this.state.pos}else
if(p(n)){switch(e+=this.input.slice(t,this.state.pos),++this.state.pos,n){case
13:10===this.input.charCodeAtAt(this.state.pos)&&++this.state.pos;case
10:e+=\\\\"\\\\"n\\\\"";break;default:e+=String.fromCharCode(n)}++this.state.curLine,this.state.lineStart=this.state.pos,t
=this.state.pos}else++this.state.pos}}recordStrictModeErrors(e,t){this.state.strict&&!this.state.strictErrors.has(e)?th
is.raise(e,t):this.state.strictErrors.set(e,t)}readEscapedChar(e){const
t=!e,r=this.input.charCodeAtAt(++this.state.pos);switch(++this.state.pos,r){case 110:return\\\\"\\\\"n\\\\"";case
114:return\\\\"\\\\"r\\\\"";case 120:{const e=this.readHexChar(2,!1,t);return null===e?null:String.fromCharCode(e)}case
117:{const e=this.readCodePoint(t);return null===e?null:String.fromCodePoint(e)}case 116:return\\\\"\\\\"t\\\\"";case
98:return\\\\"\\\\"b\\\\"";case 118:return\\\\"\\\\"v\\\\"";case 102:return\\\\"\\\\"f\\\\"";case
13:10===this.input.charCodeAtAt(this.state.pos)&&++this.state.pos;case
10:this.state.lineStart=this.state.pos,++this.state.curLine;case 8232:case 8233:return\\\\"\\\\"";case 56:case
57:if(e)return null;this.recordStrictModeErrors(this.state.pos-
1,T.StrictNumericEscape);default:if(r>=48&&r<=55){const t=this.state.pos-1;let r=this.input.substr(this.state.pos-
1,3).match(/^[0-7]+)/)[0],n=parseInt(r,8);n>255&&(r=r.slice(0,-1),n=parseInt(r,8)),this.state.pos+=r.length-1;const
i=this.input.charCodeAtAt(this.state.pos);if(\\\\"0\\\\"!|=r||56===i||57===i){if(e)return
null;this.recordStrictModeErrors(t,T.StrictNumericEscape)}return String.fromCharCode(n)}return
String.fromCharCode(r)}readHexChar(e,t,r){const n=this.state.pos,i=this.readInt(16,e,t,!1);return
null===i&&(r?this.raise(n,T.InvalidEscapeSequence):this.state.pos=n-
1,i)}readWord1(e){this.state.containsEsc=!1;let t=\\\\"\\\\"";const r=this.state.pos;let n=this.state.pos;for(void
0!|=e&&(this.state.pos+=e<=65535?1:2);this.state.pos<this.length;){const
e=this.codePointAtPos(this.state.pos);if(N(e))this.state.pos+=e<=65535?1:2;else{if(92!|=e)break;{this.state.contain
sEsc=!0,t+=this.input.slice(n,this.state.pos);const
e=this.state.pos,i=this.state.pos===r?C:N;if(117!|=this.input.charCodeAtAt(++this.state.pos)){this.raise(this.state.pos,
T.MissingUnicodeEscape),n=this.state.pos-1;continue}++this.state.pos;const
s=this.readCodePoint(!0);null!|=s&&(i(s)||this.raise(e,T.EscapedCharNotAnIdentifier),t+=String.fromCodePoint(s)
),n=this.state.pos}}return t+this.input.slice(n,this.state.pos)}readWord(e){const
t=this.readWord1(e),r=i.get(t)||o.name;this.finishToken(r,t)}checkKeywordEscapes(){const
e=this.state.type.keyword;e&&this.state.containsEsc&&this.raise(this.state.start,T.InvalidEscapedReservedWord,e)
}braceIsBlock(e){const t=this.curContext();return
t===x.functionExpression||t===x.functionStatement||(e!|=o.colon||t===x.braceStatement&&t!|=x.braceExpression?
e===o._return||e===o.name&&this.state.exprAllowed?this.hasPrecedingLineBreak():e===o._else||e===o.semi||e===
=o.eof||e===o.parenR||e===o.arrow||(e===o.braceL?t===x.braceStatement:e!|=o._var&&e!|=o._const&&e!|=o.na

```

```

me&&(e===o.relational||!this.state.exprAllowed):!t.isExpr)}updateContext(e){const t=this.state.type;let
r;!t.keyword||e!==o.dot&&e!==o.questionDot?(r=t.updateContext)?r.call(this,e):this.state.exprAllowed=t.beforeExp
r:this.state.exprAllowed=!1}}{addExtra(e,t,r){if(!e)return;(e.extra=e.extra||{})[t]=r}isRelational(e){return
this.match(o.relational)&&this.state.value===e}expectRelational(e){this.isRelational(e)?this.next():this.unexpected(
null,o.relational)}isContextual(e){return
this.match(o.name)&&this.state.value===e&&!this.state.containsEsc}isUnparsedContextual(e,t){const
r=e+t.length;return
this.input.slice(e,r)===t&&(r===this.input.length||!N(this.input.charCodeAt(r)))}isLookaheadContextual(e){const
t=this.nextTokenStart();return this.isUnparsedContextual(t,e)}eatContextual(e){return
this.isContextual(e)&&this.eat(o.name)}expectContextual(e,t){this.eatContextual(e)||this.unexpected(null,t)}canInse
rtSemicolon(){return
this.match(o.eof)||this.match(o.braceR)||this.hasPrecedingLineBreak()}hasPrecedingLineBreak(){return
l.test(this.input.slice(this.state.lastTokEnd,this.state.start))}hasFollowingLineBreak(){return
l.test(this.input.slice(this.state.end,this.nextTokenStart()))}isLineTerminator(){return
this.eat(o.semi)||this.canInsertSemicolon()}semicolon(e=!0){(e?this.isLineTerminator():this.eat(o.semi))||this.raise(t
his.state.lastTokEnd,T.MissingSemicolon)}expect(e,t){this.eat(e)||this.unexpected(t,e)}assertNoSpace(e=\\\\"Unexpe
cted
space.\\\\"){this.state.start>this.state.lastTokEnd&&this.raise(this.state.lastTokEnd,{code:y.SyntaxException,reasonCode:
\\\\"UnexpectedSpace\\\\" ,template:e})}unexpected(e,t={code:y.SyntaxException,reasonCode:\\\\"UnexpectedToken\\\\" ,te
mplate:\\\\"Unexpected token\\\\"}){throw t instanceof
n&&(t={code:y.SyntaxException,reasonCode:\\\\"UnexpectedToken\\\\" ,template:`Unexpected token, expected
\\\\"${t.label}\\\\"`}),this.raise(null!=e?e:this.state.start,t)}expectPlugin(e,t){if(!this.hasPlugin(e))throw
this.raiseWithData(null!=t?t:this.state.start,{missingPlugin:[e]},`This experimental syntax requires enabling the
parser plugin: ${e}`);return!0}expectOnePlugin(e,t){if(!e.some(e=>this.hasPlugin(e)))throw
this.raiseWithData(null!=t?t:this.state.start,{missingPlugin:e},`This experimental syntax requires enabling one of the
following parser plugin(s): ${e.join("\\\\", "\\\"")}`)}tryParse(e,t=this.state.clone()){const r={node:null};try{const
n=e((e=null)=>{throw r.node=e,r});if(this.state.errors.length>t.errors.length){const e=this.state;return
this.state=t,this.state.tokensLength=e.tokensLength,{node:n,error:e.errors[t.errors.length],thrown:!1,aborted:!1,failSt
ate:e}}return{node:n,error:null,thrown:!1,aborted:!1,failState:null}}catch(e){const n=this.state;if(this.state=t,e
instanceof
SyntaxError)return{node:null,error:e,thrown:!0,aborted:!1,failState:n};if(e===r)return{node:r.node,error:null,throw
n:!1,aborted:!0,failState:n};throw
e}}checkExpressionErrors(e,t){if(!e)return!1;const{shorthandAssign:r,doubleProto:n}=e;if(!t)return
r>=0||n>=0;r>=0&&this.unexpected(r),n>=0&&this.raise(n,T.DuplicateProto)}isLiteralPropertyName(){return
this.match(o.name)||!this.state.type.keyword||this.match(o.string)||this.match(o.num)||this.match(o.bigint)||this.mat
h(o.decimal)}isPrivateName(e){return\\\\"PrivateName\\\\"===e.type}getPrivateNameSV(e){return
e.id.name}hasPropertyAsPrivateName(e){return(\\\\"MemberExpression\\\\"===e.type||\\\\"OptionalMemberExpressio
n\\\\"===e.type)&&this.isPrivateName(e.property)}isOptionalChain(e){return\\\\"OptionalMemberExpression\\\\"===
e.type||\\\\"OptionalCallExpression\\\\"===e.type}isObjectProperty(e){return\\\\"ObjectProperty\\\\"===e.type}isObject
Method(e){return\\\\"ObjectMethod\\\\"===e.type}initializeScopes(e=\\\\"module\\\\"===this.options.sourceType){con
st t=this.state.labels;this.state.labels=[];const r=this.state.exportedIdentifiers;this.state.exportedIdentifiers=[];const
n=this.inModule;this.inModule=e;const i=this.scope,s=this.getScopeHandler();this.scope=new
s(this.raise.bind(this),this.inModule);const a=this.prodParam;this.prodParam=new ae;const
o=this.classScope;this.classScope=new Oe(this.raise.bind(this));const l=this.expressionScope;return
this.expressionScope=new
Ne(this.raise.bind(this)),(e=>{this.state.labels=t,this.state.exportedIdentifiers=r,this.inModule=n,this.scope=i,this.pr
odParam=a,this.classScope=o,this.expressionScope=l})enterInitialScopes(){let
e=0;this.hasPlugin(\\\\"topLevelAwait\\\\")&&this.inModule&&(e|=2),this.scope.enter(1),this.prodParam.enter(e)}}}

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startNode(){return new _e(this,this.state.start,this.state.startLoc)}startNodeAt(e,t){return new
_e(this,e,t)}startNodeAtNode(e){return this.startNodeAt(e.start,e.loc.start)}finishNode(e,t){return
this.finishNodeAt(e,t,this.state.lastTokEnd,this.state.lastTokEndLoc)}finishNodeAt(e,t,r,n){return
e.type=t,e.end=r,e.loc.end=n,this.options.ranges&&(e.range[1]=r),this.processComment(e,e)resetStartLocation(e,t,
r){e.start=t,e.loc.start=r,this.options.ranges&&(e.range[0]=t)}resetEndLocation(e,t=this.state.lastTokEnd,r=this.stat
e.lastTokEndLoc){e.end=t,e.loc.end=r,this.options.ranges&&(e.range[1]=t)}resetStartLocationFromNode(e,t){this.r
esetStartLocation(e,t.start,t.loc.start)}}{toAssignable(e,t=!1){var r,n;let i=void
0;switch(("\\\"ParenthesizedExpression\\\"===e.type||null!=(r=e.extra)&&r.parenthesized)&&(i=Le(e),t?\\\"Identifier
\\\"===i.type?this.expressionScope.recordParenthesizedIdentifierError(e.start,T.InvalidParenthesizedAssignment):\\\"
MemberExpression\\\"!=i.type&&this.raise(e.start,T.InvalidParenthesizedAssignment):this.raise(e.start,T.InvalidP
arenthesizedAssignment),e.type){case\\\"Identifier\\\":case\\\"ObjectPattern\\\":case\\\"ArrayPattern\\\":case\\\"Assi
gnmentPattern\\\":break;case\\\"ObjectExpression\\\":e.type=\\\"ObjectPattern\\\";for(let
r=0,n=e.properties.length,i=n-1;r<n;r++){var s;const
n=e.properties[r],a=r===i,this.toAssignableObjectExpressionProp(n,a,t),a&&\\\"RestElement\\\"===n.type&&null!
=(s=e.extra)&&s.trailingComma&&this.raiseRestNotLast(e.extra.trailingComma)}break;case\\\"ObjectProperty\\\":t
his.toAssignable(e.value,t);break;case\\\"SpreadElement\\\":{this.checkToRestConversion(e),e.type=\\\"RestElement
\\\";const
r=e.argument;this.toAssignable(r,t);break}case\\\"ArrayExpression\\\":e.type=\\\"ArrayPattern\\\",this.toAssignableL
ist(e.elements,null==(n=e.extra)?void
0:n.trailingComma,t);break;case\\\"AssignmentExpression\\\":\\\"=\\\"!=e.operator&&this.raise(e.left.end,T.Missin
gEqInAssignment),e.type=\\\"AssignmentPattern\\\",delete
e.operator,this.toAssignable(e.left,t);break;case\\\"ParenthesizedExpression\\\":this.toAssignable(i,t)}return
e}toAssignableObjectExpressionProp(e,t,r){if(\\\"ObjectMethod\\\"===e.type){const
t=\\\"get\\\"===e.kind?\\\"set\\\"===e.kind?T.PatternHasAccessor:T.PatternHasMethod;this.raise(e.key.start,t)}else\\
\\SpreadElement\\\"!=e.type||t?this.toAssignable(e,r):this.raiseRestNotLast(e.start)}toAssignableList(e,t,r){let
n=e.length;if(n){const i=e[n-1];if(\\\"RestElement\\\"===e.type?(null==i?void 0:i.type)--n;else
if(\\\"SpreadElement\\\"===e.type?(null==i?void 0:i.type){i.type=\\\"RestElement\\\";let
e=i.argument;this.toAssignable(e,r),e=Le(e),\\\"Identifier\\\"!=e.type&&\\\"MemberExpression\\\"!=e.type&&\\\"
ArrayPattern\\\"!=e.type&&\\\"ObjectPattern\\\"!=e.type&&this.unexpected(e.start),t&&this.raiseTrailingComma
AfterRest(t)--n}}for(let t=0;t<n;t++){const
n=e[t];n&&(this.toAssignable(n,r),\\\"RestElement\\\"===n.type&&this.raiseRestNotLast(n.start))}return
e}toReferencedList(e,t){return e}toReferencedListDeep(e,t){this.toReferencedList(e,t);for(const t of
e)\\\"ArrayExpression\\\"===e.type?(null==t?void
0:t.type)&&this.toReferencedListDeep(t.elements)}parseSpread(e,t){const r=this.startNode();return
this.next(),r.argument=this.parseMaybeAssignAllowIn(e,void
0,t),this.finishNode(r,\\\"SpreadElement\\\")}parseRestBinding(){const e=this.startNode();return
this.next(),e.argument=this.parseBindingAtom(),this.finishNode(e,\\\"RestElement\\\")}parseBindingAtom(){switch
(this.state.type){case o.bracketL:{const e=this.startNode();return
this.next(),e.elements=this.parseBindingList(o.bracketR,93,!0),this.finishNode(e,\\\"ArrayPattern\\\")}case
o.braceL:return this.parseObjectLike(o.braceR,!0)}return this.parseIdentifier()}parseBindingList(e,t,r,n){const
i=[];let
s=!0;for(;!this.eat(e);if(s?s=!1:this.expect(o.comma),r&&this.match(o.comma))i.push(null);else{if(this.eat(e))break
;if(this.match(o.ellipsis)){i.push(this.parseAssignableListItemTypes(this.parseRestBinding()),this.checkCommaAft
erRest(t),this.expect(e));break}{const
e=[];for(this.match(o.at)&&this.hasPlugin(\\\"decorators\\\")&&this.raise(this.state.start,T.UnsupportedParameterDe
corator);this.match(o.at);e.push(this.parseDecorator());i.push(this.parseAssignableListItem(n,e))}return
i}parseAssignableListItem(e,t){const r=this.parseMaybeDefault();this.parseAssignableListItemTypes(r);const
n=this.parseMaybeDefault(r.start,r.loc.start,r);return

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t.length&&(r.decorators=t),n)parseAssignableListItemTypes(e){return e}parseMaybeDefault(e,t,r){var
n,i,s;if(t=null!=(n=t)?n:this.state.startLoc,e=null!=(i=e)?i:this.state.start,r=null!=(s=r)?s:this.parseBindingAtom(),!th
is.eat(o.eq))return r;const a=this.startNodeAt(e,t);return
a.left=r,a.right=this.parseMaybeAssignAllowIn(),this.finishNode(a,\\\\"AssignmentPattern\\\\\\")}checkLVal(e,t,r=64,n
,i,s=!1){switch(e.type){case\\\\"Identifier\\\\\\":{const{name:t}=e;this.state.strict&&(s?B(t,this.inModule):R(t))&&this.
raise(e.start,64===r?T.StrictEvalArguments:T.StrictEvalArgumentsBinding,t),n&&(n.has(t)?this.raise(e.start,T.Para
mDupe):n.add(t)),i&&\\\\"let\\\\\\"===t&&this.raise(e.start,T.LetInLexicalBinding),64&r||this.scope.declareName(t,r,e.
start);break}case\\\\"MemberExpression\\\\\\":64!==r&&this.raise(e.start,T.InvalidPropertyBindingPattern);break;case\\
\\\\"ObjectPattern\\\\\\":for(let t of e.properties){if(this.isObjectProperty(t))t=t.value;else
if(this.isObjectMethod(t))continue;this.checkLVal(t,\\\\"object destructuring
pattern\\\\\\",r,n,i)}break;case\\\\"ArrayPattern\\\\\\":for(const t of e.elements)t&&this.checkLVal(t,\\\\"array destructuring
pattern\\\\\\",r,n,i);break;case\\\\"AssignmentPattern\\\\\\":this.checkLVal(e.left,\\\\"assignment
pattern\\\\\\",r,n);break;case\\\\"RestElement\\\\\\":this.checkLVal(e.argument,\\\\"rest
element\\\\\\",r,n);break;case\\\\"ParenthesizedExpression\\\\\\":this.checkLVal(e.expression,\\\\"parenthesized
expression\\\\\\",r,n);break;default:this.raise(e.start,64===r?T.InvalidLhs:T.InvalidLhsBinding,t)}checkToRestConve
rsion(e){\\\\"Identifier\\\\\\"!=e.argument.type&&\\\\"MemberExpression\\\\\\"!=e.argument.type&&this.raise(e.argume
nt.start,T.InvalidRestAssignmentPattern)}checkCommaAfterRest(e){this.match(o.comma)&&(this.lookaheadCharC
ode()===e?this.raiseTrailingCommaAfterRest(this.state.start):this.raiseRestNotLast(this.state.start))}raiseRestNotLa
st(e){throw
this.raise(e,T.ElementAfterRest)}raiseTrailingCommaAfterRest(e){this.raise(e,T.RestTrailingComma)}{checkProt
o(e,t,r,n){if(\\\\"SpreadElement\\\\\\"===e.type||this.isObjectMethod(e)||e.computed||e.shorthand)return;const
i=e.key;if(\\\\"__proto__\\\\\\"===(\\\\"Identifier\\\\\\"===i.type?i.name:i.value)){if(t)return void
this.raise(i.start,T.RecordNoProto);r.used&&(n?-
1===n.doubleProto&&(n.doubleProto=i.start):this.raise(i.start,T.DuplicateProto)),r.used=!0}}shouldExitDescendin
g(e,t){return\\\\"ArrowFunctionExpression\\\\\\"===e.type&&e.start===t}getExpression(){let
e=0;this.hasPlugin(\\\\"topLevelAwait\\\\\\")&&this.inModule&&(e|=2),this.scope.enter(1),this.prodParam.enter(e),this
.nextToken();const t=this.parseExpression();return
this.match(o.eof)||this.unexpected(),t.comments=this.state.comments,t.errors=this.state.errors,this.options.tokens&&
(t.tokens=this.tokens),t}parseExpression(e,t){return
e?this.disallowInAnd(=>this.parseExpressionBase(t)):this.allowInAnd(=>this.parseExpressionBase(t))}parseExp
ressionBase(e){const
t=this.state.start,r=this.state.startLoc,n=this.parseMaybeAssign(e);if(this.match(o.comma)){const
i=this.startNodeAt(t,r);for(i.expressions=[n];this.eat(o.comma);i.expressions.push(this.parseMaybeAssign(e));retur
n this.toReferencedList(i.expressions),this.finishNode(i,\\\\"SequenceExpression\\\\\\")}return
n}parseMaybeAssignDisallowIn(e,t,r){return
this.disallowInAnd(=>this.parseMaybeAssign(e,t,r))}parseMaybeAssignAllowIn(e,t,r){return
this.allowInAnd(=>this.parseMaybeAssign(e,t,r))}parseMaybeAssign(e,t,r){const
n=this.state.start,i=this.state.startLoc;if(this.isContextual(\\\\"yield\\\\\\")&&this.prodParam.hasYield){this.state.exprAl
lowed=!0;let e=this.parseYield();return t&&(e=t.call(this,e,n,i)),e}let s,e?s=!1:(e=new
De,s=!0),(this.match(o.parenL)||this.match(o.name))&&(this.state.potentialArrowAt=this.state.start);let
a=this.parseMaybeConditional(e,r);if(t&&(a=t.call(this,a,n,i)),this.state.type.isAssign){const
t=this.startNodeAt(n,i),r=this.state.value;return
t.operator=r,this.match(o.eq)?(t.left=this.toAssignable(a,!0),e.doubleProto=-
1):t.left=a,e.shorthandAssign>=t.left.start&&(e.shorthandAssign=-1),this.checkLVal(a,\\\\"assignment
expression\\\\\\"),this.next(),t.right=this.parseMaybeAssign(),this.finishNode(t,\\\\"AssignmentExpression\\\\\\")}return
s&&this.checkExpressionErrors(e,!0),a}parseMaybeConditional(e,t){const
r=this.state.start,n=this.state.startLoc,i=this.state.potentialArrowAt,s=this.parseExprOps(e);return
this.shouldExitDescending(s,i)?s:this.parseConditional(s,r,n,t)}parseConditional(e,t,r,n){if(this.eat(o.question)){con

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st n=this.startNodeAt(t,r);return
n.test=e,n.consequent=this.parseMaybeAssignAllowIn(),this.expect(o.colon),n.alternate=this.parseMaybeAssign(),t
his.finishNode(n,ConditionalExpression)}return e}parseExprOps(e){const
t=this.state.start,r=this.state.startLoc,n=this.state.potentialArrowAt,i=this.parseMaybeUnary(e);return
this.shouldExitDescending(i,n)?i:this.parseExprOp(i,t,r,-1)}parseExprOp(e,t,r,n){let
i=this.state.type.binop;if(null!=i&&(this.prodParam.hasIn||!this.match(o._in))&&i>n){const
s=this.state.type;if(s===o.pipeline){if(this.expectPlugin(pipelineOperator),this.state.inFSharpPipelineDirectB
ody)return e;this.state.inPipeline=!0,this.checkPipelineAtInfixOperator(e,t)}const
a=this.startNodeAt(t,r);a.left=e,a.operator=this.state.value;const
l=s===o.logicalOR||s===o.logicalAND,c=s===o.nullishCoalescing;if(c&&(i=o.logicalAND.binop),this.next(),s===
o.pipeline&&minimal===this.getPluginOption(pipelineOperator,proposal)&&this.match(o.name)
&&await===this.state.value&&this.prodParam.hasAwait)throw
this.raise(this.state.start,T.UnexpectedAwaitAfterPipelineBody);a.right=this.parseExprOpRightExpr(s,i),this.finishN
ode(a,l|c?LogicalExpression:BinaryExpression);const
p=this.state.type;if(c&&(p===o.logicalOR||p===o.logicalAND)||l&&p===o.nullishCoalescing)throw
this.raise(this.state.start,T.MixingCoalesceWithLogical);return this.parseExprOp(a,t,r,n)}return
e}parseExprOpRightExpr(e,t){const r=this.state.start,n=this.state.startLoc;switch(e){case
o.pipeline:switch(this.getPluginOption(pipelineOperator,proposal)){case smart:return
this.withTopicPermittingContext(=>this.parseSmartPipelineBody(this.parseExprOpBaseRightExpr(e,t),r,n));case\
\fsharp:return this.withSoloAwaitPermittingContext(=>this.parseFSharpPipelineBody(t))}default:return
this.parseExprOpBaseRightExpr(e,t)}parseExprOpBaseRightExpr(e,t){const
r=this.state.start,n=this.state.startLoc;return this.parseExprOp(this.parseMaybeUnary(),r,n,e.rightAssociative?t
-1:t)}checkExponentialAfterUnary(e){this.match(o.exponent)&&this.raise(e.argument.start,T.UnexpectedTokenUna
ryExponentiation)}parseMaybeUnary(e,t){const
r=this.state.start,n=this.state.startLoc,i=this.isContextual(await);if(i&&this.isAwaitAllowed){this.next();con
st e=this.parseAwait(r,n);return
t|this.checkExponentialAfterUnary(e,e)}if(this.isContextual(module)&&123===this.lookaheadCharCode()&
&!this.hasFollowingLineBreak())return this.parseModuleExpression();const
s=this.match(o.incDec),a=this.startNode();if(this.state.type.prefix){a.operator=this.state.value,a.prefix=!0,this.match
(o._throw)&&this.expectPlugin(throwExpressions);const
r=this.match(o._delete);if(this.next(),a.argument=this.parseMaybeUnary(null,!0),this.checkExpressionErrors(e,!0),th
is.state.strict&&r){const
e=a.argument;Identifier===e.type?this.raise(a.start,T.StrictDelete):this.hasPropertyAsPrivateName(e)&&this.
raise(a.start,T.DeletePrivateField)}if(!s)return
t|this.checkExponentialAfterUnary(a),this.finishNode(a,UnaryExpression)}const
l=this.parseUpdate(a,s,e);if(i){if((this.hasPlugin(v8intrinsic)?this.state.type.startsExpr:this.state.type.startsExp
r&&!this.match(o.modulo))&&!this.isAmbiguousAwait())return
this.raiseOverwrite(r,this.hasPlugin(topLevelAwait)?T.AwaitNotInAsyncContext:T.AwaitNotInAsyncFuncio
n),this.parseAwait(r,n)}return l}parseUpdate(e,t,r){if(t)return this.checkLVal(e.argument,prefix
operation),this.finishNode(e,UpdateExpression);const n=this.state.start,i=this.state.startLoc;let
s=this.parseExprSubscripts(r);if(this.checkExpressionErrors(r,!1))return
s;for(;this.state.type.postfix&&!this.canInsertSemicolon();){const
e=this.startNodeAt(n,i);e.operator=this.state.value,e.prefix=!1,e.argument=s,this.checkLVal(s,postfix
operation),this.next(),s=this.finishNode(e,UpdateExpression)}return s}parseExprSubscripts(e){const
t=this.state.start,r=this.state.startLoc,n=this.state.potentialArrowAt,i=this.parseExprAtom(e);return
this.shouldExitDescending(i,n)?i:this.parseSubscripts(i,t,r)}parseSubscripts(e,t,r,n){const
i={optionalChainMember:!1,maybeAsyncArrow:this.atPossibleAsyncArrow(e),stop:!1};do{e=this.parseSubscript(e,
t,r,n,i),i.maybeAsyncArrow=!1}while(!i.stop);return

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e }parseSubscript(e,t,r,n,i){if(!n&&this.eat(o.doubleColon))return
this.parseBind(e,t,r,n,i);if(this.match(o.backQuote))return this.parseTaggedTemplateExpression(e,t,r,i);let
s=!1;if(this.match(o.questionDot)){if(n&&40===this.lookaheadCharCode())return
i.stop=!0,e;i.optionalChainMember=s=!0,this.next()}return!n&&this.match(o.parenL)?this.parseCoverCallAndAsync
cArrowHead(e,t,r,i,s):s||this.match(o.bracketL)||this.eat(o.dot)?this.parseMember(e,t,r,i,s):(i.stop=!0,e)}parseMembe
r(e,t,r,n,i){const s=this.startNodeAt(t,r),a=this.eat(o.bracketL);s.object=e,s.computed=a;const
l=!a&&this.match(o.privateName)&&this.state.value,c=a?this.parseExpression():!this.parsePrivateName():this.pars
eIdentifier(!0);return!l!==l&&(("Super"===s.object.type&&this.raise(t,T.SuperPrivateField),this.classScope.use
PrivateName(l,c.start)),s.property=c,a&&this.expect(o.bracketR),n.optionalChainMember?(s.optional=i,this.finishN
ode(s,/"OptionalMemberExpression/")):this.finishNode(s,/"MemberExpression/"))}parseBind(e,t,r,n,i){const
s=this.startNodeAt(t,r);return
s.object=e,s.callee=this.parseNoCallExpr(),i.stop=!0,this.parseSubscripts(this.finishNode(s,/"BindExpression/"),t,
r,n)}parseCoverCallAndAsyncArrowHead(e,t,r,n,i){const
s=this.state.maybeInArrowParameters;this.state.maybeInArrowParameters=!0,this.next();let
a=this.startNodeAt(t,r);return a.callee=e,n.maybeAsyncArrow&&this.expressionScope.enter(new
Ce(2)),n.optionalChainMember&&(a.optional=i),a.arguments=i?this.parseCallExpressionArguments(o.parenR,!1):t
his.parseCallExpressionArguments(o.parenR,n.maybeAsyncArrow,/"Import/"===e.type,/"Super/"!==e.type,a),
this.finishCallExpression(a,n.optionalChainMember),n.maybeAsyncArrow&&this.shouldParseAsyncArrow()&&!i?
(n.stop=!0,this.expressionScope.validateAsPattern(),this.expressionScope.exit(),a=this.parseAsyncArrowFromCalle
xpression(this.startNodeAt(t,r,a)):(n.maybeAsyncArrow&&this.expressionScope.exit(),this.toReferencedArgument
s(a),this.state.maybeInArrowParameters=s,a)toReferencedArguments(e,t){this.toReferencedListDeep(e.arguments,
t)}parseTaggedTemplateExpression(e,t,r,n){const i=this.startNodeAt(t,r);return
i.tag=e,i.quasi=this.parseTemplate(!0),n.optionalChainMember&&this.raise(t,T.OptionalChainingNoTemplate),this.
finishNode(i,/"TaggedTemplateExpression/")}atPossibleAsyncArrow(e){return/"Identifier/"===e.type&&/"a
sync/"===e.name&&this.state.lastTokEnd===e.end&&!this.canInsertSemicolon()&&e.end-
e.start===5&&e.start===this.state.potentialArrowAt}finishCallExpression(e,t){if(/"Import/"===e.callee.type)if(2=
===e.arguments.length&&(this.hasPlugin(/"moduleAttributes/"))|this.expectPlugin(/"importAssertions/"),0===
e.arguments.length|e.arguments.length>2)this.raise(e.start,T.ImportCallArity,this.hasPlugin(/"importAssertions/
"))|this.hasPlugin(/"moduleAttributes/")?/"one or two arguments/":/"one argument/";else for(const t of
e.arguments)/"SpreadElement/"===t.type&&this.raise(t.start,T.ImportCallSpreadArgument);return
this.finishNode(e,t?/"OptionalCallExpression/":/"CallExpression/")}parseCallExpressionArguments(e,t,r,n,i){c
onst s=[];let a=!0;const
l=this.state.inFSharpPipelineDirectBody;for(this.state.inFSharpPipelineDirectBody=!1;!this.eat(e);){if(a)a=!1;else
if(this.expect(o.comma),this.match(e)){!r|this.hasPlugin(/"importAssertions/"))|this.hasPlugin(/"moduleAttribut
es/"))|this.raise(this.state.lastTokStart,T.ImportCallArgumentTrailingComma),i&&this.addExtra(i,/"trailingComm
a/"",this.state.lastTokStart),this.next();break}s.push(this.parseExprListItem(!1,t?new De:void 0,t?{start:0}:void
0,n))}return this.state.inFSharpPipelineDirectBody=l,s}shouldParseAsyncArrow(){return
this.match(o.arrow)&&!this.canInsertSemicolon()}parseAsyncArrowFromCallExpression(e,t){var r;return
this.expect(o.arrow),this.parseArrowExpression(e,t.arguments,!0,null==(r=t.extra)?void
0:r.trailingComma),e}parseNoCallExpr(){const e=this.state.start,t=this.state.startLoc;return
this.parseSubscripts(this.parseExprAtom(),e,t,!0)}parseExprAtom(e){this.state.type===o.slash&&this.readRegexp()
;const t=this.state.potentialArrowAt===this.state.start;let r;switch(this.state.type){case o._super:return
this.parseSuper();case o._import:return
r=this.startNode(),this.next(),this.match(o.dot)?this.parseImportMetaProperty(r):(this.match(o.parenL)||this.raise(this
.state.lastTokStart,T.UnsupportedImport),this.finishNode(r,/"Import/"));case o._this:return
r=this.startNode(),this.next(),this.finishNode(r,/"ThisExpression/");case o.name:{const
e=this.state.containsEsc,r=this.parseIdentifier();if(!e&&/"async/"===r.name&&!this.canInsertSemicolon()){if(thi
s.s.match(o._function)){const e=this.state.context.length-1;if(this.state.context[e]!==x.functionStatement)throw new

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Error(\\\\"Internal error\\");return
this.state.context[e]=x.functionExpression,this.next(),this.parseFunction(this.startNodeAtNode(r),void
0,!0)}if(this.match(o.name))return
61===this.lookaheadCharCode()?this.parseAsyncArrowUnaryFunction(r):r;if(this.match(o._do))return
this.parseDo(!0)}return
t&&this.match(o.arrow)&&!this.canInsertSemicolon()?(this.next(),this.parseArrowExpression(this.startNodeAtNode
e(r),[r,!1]):r}case o._do:return this.parseDo(!1);case o.regexp:{const e=this.state.value;return
r=this.parseLiteral(e.value,\\\\"RegExpLiteral\\\\"),r.pattern=e.pattern,r.flags=e.flags,r}case o.num:return
this.parseLiteral(this.state.value,\\\\"NumericLiteral\\\\"");case o.bigint:return
this.parseLiteral(this.state.value,\\\\"BigIntLiteral\\\\"");case o.decimal:return
this.parseLiteral(this.state.value,\\\\"DecimalLiteral\\\\"");case o.string:return
this.parseLiteral(this.state.value,\\\\"StringLiteral\\\\"");case o._null:return
r=this.startNode(),this.next(),this.finishNode(r,\\\\"NullLiteral\\\\"");case o._true:case o._false:return
this.parseBooleanLiteral();case o.parenL:return this.parseParenAndDistinguishExpression(t);case
o.bracketBarL:case o.bracketHashL:return
this.parseArrayLike(this.state.type===o.bracketBarL?o.bracketBarR:o.bracketR,!1,!0,e);case o.bracketL:return
this.parseArrayLike(o.bracketR,!0,!1,e);case o.braceBarL:case o.braceHashL:return
this.parseObjectLike(this.state.type===o.braceBarL?o.braceBarR:o.braceR,!1,!0,e);case o.braceL:return
this.parseObjectLike(o.braceR,!1,!1,e);case o._function:return this.parseFunctionOrFunctionSent();case
o.at:this.parseDecorators();case o._class:return r=this.startNode(),this.takeDecorators(r),this.parseClass(r,!1);case
o._new:return this.parseNewOrNewTarget();case o.backQuote:return this.parseTemplate(!1);case
o.doubleColon:{r=this.startNode(),this.next(),r.object=null;const
e=r.callee=this.parseNoCallExpr();if(\\\\"MemberExpression\\\\"===e.type)return
this.finishNode(r,\\\\"BindExpression\\\\"");throw this.raise(e.start,T.UnsupportedBind)}case o.privateName:{const
e=this.state.start,t=this.state.value;if(r=this.parsePrivateName(),this.match(o._in))this.expectPlugin(\\\\"privateIn\\\\"),
this.classScope.usePrivateName(t,r.start);else{if(!this.hasPlugin(\\\\"privateIn\\\\"))throw
this.unexpected(e);this.raise(this.state.start,T.PrivateInExpectedIn,t)}return r}case
o.hash:if(this.state.inPipeline)return
r=this.startNode(),\\\\"smart\\\\"!==this.getPluginOption(\\\\"pipelineOperator\\\\"),\\\\"proposal\\\\"}&&this.raise(r.start,T
.PrimaryTopicRequiresSmartPipeline),this.next(),this.primaryTopicReferenceIsAllowedInCurrentTopicContext()|th
is.raise(r.start,T.PrimaryTopicNotAllowed),this.registerTopicReference(),this.finishNode(r,\\\\"PipelinePrimaryTopic
Reference\\\\"");case o.relational:if(\\\\"<\\\\"===this.state.value){const
e=this.input.codePointAt(this.nextTokenStart());(C(e)||62===e)&&this.expectOnePlugin([\\\\"jsx\\\\"],\\\\"flow\\\\"),\\\\"ty
pescrypt\\\\")}default:throw this.unexpected()}parseAsyncArrowUnaryFunction(e){const
t=this.startNodeAtNode(e);this.prodParam.enter(oe(!0,this.prodParam.hasYield));const
r=[this.parseIdentifier()];return
this.prodParam.exit(),this.hasPrecedingLineBreak()&&this.raise(this.state.pos,T.LineTerminatorBeforeArrow),this.e
xpect(o.arrow),this.parseArrowExpression(t,r,!0),t}parseDo(e){this.expectPlugin(\\\\"doExpressions\\\\"),e&&this.ex
pectPlugin(\\\\"asyncDoExpressions\\\\"");const t=this.startNode();t.async=e,this.next();const r=this.state.labels;return
this.state.labels=[],e?(this.prodParam.enter(2),t.body=this.parseBlock(),this.prodParam.exit()):t.body=this.parseBloc
k(),this.state.labels=r,this.finishNode(t,\\\\"DoExpression\\\\")}parseSuper(){const e=this.startNode();return
this.next(),!this.match(o.parenL)||this.scope.allowDirectSuper||this.options.allowSuperOutsideMethod?this.scope.all
owSuper||this.options.allowSuperOutsideMethod||this.raise(e.start,T.UnexpectedSuper):this.raise(e.start,T.SuperNot
Allowed),this.match(o.parenL)||this.match(o.bracketL)||this.match(o.dot)||this.raise(e.start,T.UnsupportedSuper),this.
finishNode(e,\\\\"Super\\\\")}parseBooleanLiteral(){const e=this.startNode();return
e.value=this.match(o._true),this.next(),this.finishNode(e,\\\\"BooleanLiteral\\\\")}parseMaybePrivateName(e){return
this.match(o.privateName)?(e||this.raise(this.state.start+1,T.UnexpectedPrivateField),this.parsePrivateName()):this.p
arseIdentifier(!0)}parsePrivateName(){const e=this.startNode(),t=this.startNodeAt(this.state.start+1,new

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h(this.state.curLine,this.state.start+1-this.state.lineStart)),r=this.state.value;return
this.next(),e.id=this.createIdentifier(t,r),this.finishNode(e,\\\\"PrivateName\\\\"))}parseFunctionOrFunctionSent(){const
t e=this.startNode();if(this.next(),this.prodParam.hasYield&&this.match(o.dot)){const
t=this.createIdentifier(this.startNodeAtNode(e),\\\\"function\\\\"");return
this.next(),this.parseMetaProperty(e,t,\\\\"sent\\\\"")}return
this.parseFunction(e)}parseMetaProperty(e,t,r){e.meta=t,\\\\"function\\\\"===t.name&&\\\\"sent\\\\"===r&&(this.isContextual(r)?this.expectPlugin(\\\\"functionSent\\\\"):this.hasPlugin(\\\\"functionSent\\\\"))||this.unexpected();const
n=this.state.containsEsc;return
e.property=this.parseIdentifier(!0),(e.property.name!==r||n)&&this.raise(e.property.start,T.UnsupportedMetaProperty,t.name,r),this.finishNode(e,\\\\"MetaProperty\\\\"))}parseImportMetaProperty(e){const
t=this.createIdentifier(this.startNodeAtNode(e),\\\\"import\\\\"");return
this.next(),this.isContextual(\\\\"meta\\\\"))&&(this.inModule||this.raise(t.start,b.ImportMetaOutsideModule),this.sawUnambiguousESM=!0),this.parseMetaProperty(e,t,\\\\"meta\\\\"))}parseLiteral(e,t,r,n){r=r||this.state.start,n=n||this.state.startLoc;const i=this.startNodeAt(r,n);return
this.addExtra(i,\\\\"rawValue\\\\"",e),this.addExtra(i,\\\\"raw\\\\"",this.input.slice(r,this.state.end)),i.value=e,this.next(),this.finishNode(i,t)}parseParenAndDistinguishExpression(e){const t=this.state.start,r=this.state.startLoc;let
n;this.next(),this.expressionScope.enter(new Ce(1));const
i=this.state.maybeInArrowParameters,s=this.state.inFSharpPipelineDirectBody;this.state.maybeInArrowParameters=!0,this.state.inFSharpPipelineDirectBody=!1;const a=this.state.start,l=this.state.startLoc,c=[],p=new
De,u={start:0};let d,h,f=!0;for(;!this.match(o.parenR);){if(f)f=!1;else
if(this.expect(o.comma,u.start||null),this.match(o.parenR)){h=this.state.start;break}if(this.match(o.ellipsis)){const
e=this.state.start,t=this.state.startLoc;d=this.state.start,c.push(this.parseParenItem(this.parseRestBinding(),e,t)),this.checkCommaAfterRest(41);break}c.push(this.parseMaybeAssignAllowIn(p,this.parseParenItem,u))}const
m=this.state.lastTokEnd,y=this.state.lastTokEndLoc;this.expect(o.parenR),this.state.maybeInArrowParameters=i,this.state.inFSharpPipelineDirectBody=s;let
T=this.startNodeAt(t,r);if(e&&this.shouldParseArrow())&&(T=this.parseArrow(T))return
this.expressionScope.validateAsPattern(),this.expressionScope.exit(),this.parseArrowExpression(T,c,!1),T;if(this.expressionScope.exit(),c.length||this.unexpected(this.state.lastTokStart),h&&this.unexpected(h),d&&this.unexpected(d),this.checkExpressionErrors(p,!0),u.start&&this.unexpected(u.start),this.toReferencedListDeep(c,!0),c.length>1?(n=this.startNodeAt(a,l),n.expressions=c,this.finishNodeAt(n,\\\\"SequenceExpression\\\\"",m,y)):n=c[0],!this.options.createParenthesizedExpressions)return
this.addExtra(n,\\\\"parenthesized\\\\"",!0),this.addExtra(n,\\\\"parenStart\\\\"",t),n;const b=this.startNodeAt(t,r);return
b.expression=n,this.finishNode(b,\\\\"ParenthesizedExpression\\\\""),b}shouldParseArrow(){return!this.canInsertSemicolon()}parseArrow(e){if(this.eat(o.arrow))return e}parseParenItem(e,t,r){return e}parseNewOrNewTarget(){const
e=this.startNode();if(this.next(),this.match(o.dot)){const
t=this.createIdentifier(this.startNodeAtNode(e),\\\\"new\\\\"");this.next();const
r=this.parseMetaProperty(e,t,\\\\"target\\\\"");return
this.scope.inNonArrowFunction||this.scope.inClass||this.raise(r.start,T.UnexpectedNewTarget),r}return
this.parseNew(e)}parseNew(e){return
e.callee=this.parseNoCallExpr(),\\\\"Import\\\\"===e.callee.type?this.raise(e.callee.start,T.ImportCallNotNewExpression):this.isOptionalChain(e.callee)?this.raise(this.state.lastTokEnd,T.OptionalChainingNoNew):this.eat(o.questionDot)&&this.raise(this.state.start,T.OptionalChainingNoNew),this.parseNewArguments(e),this.finishNode(e,\\\\"NewExpression\\\\"))}parseNewArguments(e){if(this.eat(o.parenL)){const
t=this.parseExprList(o.parenR);this.toReferencedList(t),e.arguments=t}else
e.arguments=[]}parseTemplateElement(e){const t=this.startNode();return
null===this.state.value&&(e||this.raise(this.state.start+1,T.InvalidEscapeSequenceTemplate)),t.value={raw:this.input.slice(this.state.start,this.state.end).replace(/\\\\\\\\r\\\\\\\\n?/g,\\\\"\\\\\\\\n\\\\""),cooked:this.state.value},this.next(),t.tail=this.match(o.backQuote),this.finishNode(t,\\\\"TemplateElement\\\\"))}parseTemplate(e){const

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t=this.startNode();this.next(),t.expressions=[];let
r=this.parseTemplateElement(e);for(t.quasis=[r];!r.tail;)this.expect(o.dollarBraceL),t.expressions.push(this.parseTe
mplateSubstitution()),this.expect(o.braceR),t.quasis.push(r=this.parseTemplateElement(e));return
this.next(),this.finishNode(t,\\\"TemplateLiteral\\\")}parseTemplateSubstitution(){return
this.parseExpression()}parseObjectLike(e,t,r,n){r&&this.expectPlugin(\\\"recordAndTuple\\\");const
i=this.state.inFSharpPipelineDirectBody;this.state.inFSharpPipelineDirectBody=!1;const s=Object.create(null);let
a=!0;const l=this.startNode();for(l.properties=[],this.next();!this.match(e);)if(a=!1;else
if(this.expect(o.comma),this.match(e)){this.addExtra(l,\\\"trailingComma\\\",this.state.lastTokStart);break}const
i=this.parsePropertyDefinition(t,n);t||this.checkProto(i,r,s,n),r&&!this.isObjectProperty(i)&&\\\"SpreadElement\\\"!
==i.type&&this.raise(i.start,T.InvalidRecordProperty),i.shorthand&&this.addExtra(i,\\\"shorthand\\\",!0),l.properties
.push(i)}this.state.exprAllowed=!1,this.next(),this.state.inFSharpPipelineDirectBody=i;let
c=\\\"ObjectExpression\\\";return
t?c=\\\"ObjectPattern\\\":r&&(c=\\\"RecordExpression\\\"),this.finishNode(l,c)}maybeAsyncOrAccessorProp(e){ret
urn!e.computed&&\\\"Identifier\\\"===e.key.type&&(this.isLiteralPropertyName())||this.match(o.bracketL)||this.mat
ch(o.star))}parsePropertyDefinition(e,t){let
r=[];if(this.match(o.at))for(this.hasPlugin(\\\"decorators\\\")&&this.raise(this.state.start,T.UnsupportedPropertyDeco
rator);this.match(o.at);r.push(this.parseDecorator());const n=this.startNode();let
i,s,a=!1,l=!1,c=!1;if(this.match(o.ellipsis))return
r.length&&this.unexpected(),e?(this.next(),n.argument=this.parseIdentifier(),this.checkCommaAfterRest(125),this.fi
nishNode(n,\\\"RestElement\\\")):this.parseSpread();r.length&&(n.decorators=r,r=[]),n.method=!1,(e||t)&&(i=this.st
ate.start,s=this.state.startLoc),e||(a=this.eat(o.star));const
p=this.state.containsEsc,u=this.parsePropertyName(n,!1);if(!e&&!a&&!p&&this.maybeAsyncOrAccessorProp(n)){
const
e=u.name;\\\"async\\\"!==e||this.hasPrecedingLineBreak()||(l=!0,a=this.eat(o.star),this.parsePropertyName(n,!1)),\\\"
get\\\"!==e&&\\\"set\\\"!==e||(c=!0,n.kind=e,this.match(o.star)&&(a=!0,this.raise(this.state.pos,T.AccessorIsGenerat
or,e),this.next()),this.parsePropertyName(n,!1))}return
this.parseObjPropValue(n,i,s,a,l,e,c,t,n)}getGetterSetterExpectedParamCount(e){return\\\"get\\\"===e.kind?0:1}get
ObjectOrClassMethodParams(e){return e.params}checkGetterSetterParams(e){var t;const
r=this.getGetterSetterExpectedParamCount(e),n=this.getObjectOrClassMethodParams(e),i=e.start;n.length!==r&&(\\
\\\"get\\\"===e.kind?this.raise(i,T.BadGetterArity):this.raise(i,T.BadSetterArity)),\\\"set\\\"===e.kind&&\\\"RestEle
ment\\\"===e.kind?(null==(t=n[n.length-1])?void
0:t.type)&&this.raise(i,T.BadSetterRestParameter)}parseObjectMethod(e,t,r,n,i){return
i?(this.parseMethod(e,t,!1,!1,\\\"ObjectMethod\\\"),this.checkGetterSetterParams(e),e):r||t||this.match(o.parenL)?(
n&&this.unexpected(),e.kind=\\\"method\\\",e.method=!0,this.parseMethod(e,t,r,!1,!1,\\\"ObjectMethod\\\")):void
0}parseObjectProperty(e,t,r,n,i){return
e.shorthand=!1,this.eat(o.colon)?(e.value=n?this.parseMaybeDefault(this.state.start,this.state.startLoc):this.parseMa
ybeAssignAllowIn(i),this.finishNode(e,\\\"ObjectProperty\\\")):e.computed||\\\"Identifier\\\"!==e.key.type?void
0:(this.checkReservedWord(e.key.name,e.key.start,!0,!1),n?e.value=this.parseMaybeDefault(t,r,e.key.__clone()):thi
s.s.match(o.eq)&&i?(-
1===i.shorthandAssign&&(i.shorthandAssign=this.state.start),e.value=this.parseMaybeDefault(t,r,e.key.__clone())
:e.value=e.key.__clone(),e.shorthand=!0,this.finishNode(e,\\\"ObjectProperty\\\"))}parseObjPropValue(e,t,r,n,i,s,a,o
){const l=this.parseObjectMethod(e,n,i,s,a)||this.parseObjectProperty(e,t,r,s,o);return
l||this.unexpected(),l}parsePropertyName(e,t){if(this.eat(o.bracketL))e.computed=!0,e.key=this.parseMaybeAssign
AllowIn(),this.expect(o.bracketR);else{const r=this.state.inPropertyName;this.state.inPropertyName=!0;const
n=this.state.type;e.key=n===o.num||n===o.string||n===o.bigint||n===o.decimal?this.parseExprAtom():this.parseMa
ybePrivateName(t,n)!==o.privateName&&(e.computed=!1),this.state.inPropertyName=r}return
e.key}initFunction(e,t){e.id=null,e.generator=!1,e.async=!1}parseMethod(e,t,r,n,i,s,a=!1){this.initFunction(e,r),e.ge
nerator=!1;t;const o=n;return

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this.scope.enter(18|(a?64:0)|(i?32:0)),this.prodParam.enter(oe(r,e.generator)),this.parseFunctionParams(e,o),this.parseFunctionBodyAndFinish(e,s,!0),this.prodParam.exit(),this.scope.exit(),e)parseArrayLike(e,t,r,n){r&&this.expectPlugin(\\\\"recordAndTuple\\\\");const
i=this.state.inFSharpPipelineDirectBody;this.state.inFSharpPipelineDirectBody=!1;const s=this.startNode();return
this.next(),s.elements=this.parseExprList(e,!r,n,s),this.state.inFSharpPipelineDirectBody=i,this.finishNode(s,r?\\\\"TupleExpression\\\\":\\\\"ArrayExpression\\\\")}parseArrowExpression(e,t,r,n){this.scope.enter(6);let
i=oe(r,!1);!this.match(o.bracketL)&&this.prodParam.hasIn&&(i=8),this.prodParam.enter(i),this.initFunction(e,r);const s=this.state.maybeInArrowParameters;return
t&&(this.state.maybeInArrowParameters=!0,this.setArrowFunctionParameters(e,t,n)),this.state.maybeInArrowParameters=!1,this.parseFunctionBody(e,!0),this.prodParam.exit(),this.scope.exit(),this.state.maybeInArrowParameters=s,this.finishNode(e,\\\\"ArrowFunctionExpression\\\\")}setArrowFunctionParameters(e,t,r){e.params=this.toAssignableList(t,r,!1)}parseFunctionBodyAndFinish(e,t,r=!1){this.parseFunctionBody(e,!1,r),this.finishNode(e,t)}parseFunctionBody(e,t,r=!1){const
n=t&&!this.match(o.braceL);if(this.expressionScope.enter(ke()),n)e.body=this.parseMaybeAssign(),this.checkParams(e,!1,t,!1);else{const
n=this.state.strict,i=this.state.labels;this.state.labels=[],this.prodParam.enter(4|this.prodParam.currentFlags()),e.body=this.parseBlock(!0,!1,i=>{const s=!this.isSimpleParamList(e.params);if(i&&s){const
t=\\\\"method\\\\"!==e.kind&&\\\\"constructor\\\\"!==e.kind||!e.key?e.start:e.key.end;this.raise(t,T.IllegalLanguageModeDirective)}const
a=!n&&this.state.strict;this.checkParams(e,(this.state.strict||t||r|s),t,a),this.state.strict&&e.id&&this.checkLVal(e.id,\\\\"function name\\\\",65,void 0,void
0,a)},this.prodParam.exit(),this.expressionScope.exit(),this.state.labels=i)}isSimpleParamList(e){for(let
t=0,r=e.length;t<r;t++)if(\\\\"Identifier\\\\"!==e[t].type)return!1;return!0)checkParams(e,t,r,n=!0){const i=new Set;for(const r of e.params)this.checkLVal(r,\\\\"function parameter list\\\\",5,t?null:i,void
0,n)}parseExprList(e,t,r,n){const i=[];let s=!0;for(;!this.eat(e);){if(s)s=!1;else
if(this.expect(o.comma),this.match(e)){n&&this.addExtra(n,\\\\"trailingComma\\\\",this.state.lastTokStart),this.next();
break}i.push(this.parseExprListItem(t,r))}return i}parseExprListItem(e,t,r,n){let
i;if(this.match(o.comma)e||this.raise(this.state.pos,T.UnexpectedToken,\\\\"\\\\"),i=null;else
if(this.match(o.ellipsis)){const
e=this.state.start,n=this.state.startLoc;i=this.parseParenItem(this.parseSpread(t,r),e,n)}else
if(this.match(o.question)){this.expectPlugin(\\\\"partialApplication\\\\"),n||this.raise(this.state.start,T.UnexpectedArgumentPlaceholder);const e=this.startNode();this.next(),i=this.finishNode(e,\\\\"ArgumentPlaceholder\\\\")}else
i=this.parseMaybeAssignAllowIn(t,this.parseParenItem,r);return i}parseIdentifier(e){const
t=this.startNode(),r=this.parseIdentifierName(t.start,e);return this.createIdentifier(t,r)}createIdentifier(e,t){return
e.name=t,e.loc.identifierName=t,this.finishNode(e,\\\\"Identifier\\\\")}parseIdentifierName(e,t){let
r;const{start:n,type:i}=this.state;if(i===o.name)r=this.state.value;else{if(!i.keyword)throw
this.unexpected();{r=i.keyword;const
e=this.curContext();i!==o._class&&i!==o._function||e!==x.functionStatement&&e!==x.functionExpression||this.state.context.pop()}}return
t?this.state.type=o.name:this.checkReservedWord(r,n,!i.keyword,!1),this.next(),r}checkReservedWord(e,t,r,n){if(this.isProdParam.hasYield&&\\\\"yield\\\\"===e)return void
this.raise(t,T.YieldBindingIdentifier);if(\\\\"await\\\\"===e){if(this.prodParam.hasAwait)return void
this.raise(t,T.AwaitBindingIdentifier);if(this.scope.inStaticBlock&&!this.scope.inNonArrowFunction)return void
this.raise(t,T.AwaitBindingIdentifierInStaticBlock);this.expressionScope.recordAsyncArrowParametersError(t,T.AwaitBindingIdentifier)}if(this.scope.inClass&&!this.scope.inNonArrowFunction&&\\\\"arguments\\\\"===e)return
void this.raise(t,T.ArgumentsInClass);if(r&&U(e))return void
this.raise(t,T.UnexpectedKeyword,e);(this.state.strict?n?B:F:j)(e,this.inModule)&&this.raise(t,T.UnexpectedReservedWord,e)}isAwaitAllowed(){return!this.prodParam.hasAwait|!(this.options.allowAwaitOutsideFunction||this.scop

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e.inFunction)}parseAwait(e,t){const r=this.startNodeAt(e,t);return
this.expressionScope.recordParameterInitializerError(r.start,T.AwaitExpressionFormalParameter),this.eat(o.star)&&
this.raise(r.start,T.ObsoleteAwaitStar),this.scope.inFunction||this.options.allowAwaitOutsideFunction||(this.isAmbig
uousAwait()?this.ambiguousScriptDifferentAst=!0:this.sawUnambiguousESM=!0),this.state.soloAwait||(r.argument
=this.parseMaybeUnary(null,!0)),this.finishNode(r,\\\"AwaitExpression\\\")}isAmbiguousAwait(){return
this.hasPrecedingLineBreak()||this.match(o.plusMin)||this.match(o.parenL)||this.match(o.bracketL)||this.match(o.bac
kQuote)||this.match(o.regexp)||this.match(o.slash)||this.hasPlugin(\\\"v8intrinsic\\\")&&this.match(o.modulo)}parse
Yield(){const e=this.startNode();return
this.expressionScope.recordParameterInitializerError(e.start,T.YieldInParameter),this.next(),this.match(o.semi)||!this
.match(o.star)&&!this.state.type.startsExpr||this.hasPrecedingLineBreak()?(e.delegate=!1,e.argument=null):(e.deleg
ate=this.eat(o.star),e.argument=this.parseMaybeAssign()),this.finishNode(e,\\\"YieldExpression\\\")}checkPipeline
AtInfixOperator(e,t){\\\"smart\\\"===this.getPluginOption(\\\"pipelineOperator\\\",\\\"proposal\\\")&&\\\"SequenceE
xpression\\\"===e.type&&this.raise(t,T.PipelineHeadSequenceExpression)}parseSmartPipelineBody(e,t,r){return
this.checkSmartPipelineBodyEarlyErrors(e,t),this.parseSmartPipelineBodyInStyle(e,t,r)}checkSmartPipelineBodyE
arlyErrors(e,t){if(this.match(o.arrow))throw
this.raise(this.state.start,T.PipelineBodyNoArrow);\\\"SequenceExpression\\\"===e.type&&this.raise(t,T.PipelineBo
dySequenceExpression)}parseSmartPipelineBodyInStyle(e,t,r){const
n=this.startNodeAt(t,r),i=this.isSimpleReference(e);return
i?n.callee=e:(this.topicReferenceWasUsedInCurrentTopicContext())||this.raise(t,T.PipelineTopicUnused),n.expressio
n=e,this.finishNode(n,i?\\\"PipelineBareFunction\\\":\\\"PipelineTopicExpression\\\")}isSimpleReference(e){switch
(e.type){case\\\"MemberExpression\\\":return!e.computed&&this.isSimpleReference(e.object);case\\\"Identifier\\\":r
eturn!0;default:return!1}}withTopicPermittingContext(e){const
t=this.state.topicContext;this.state.topicContext={maxNumOfResolvableTopics:1,maxTopicIndex:null};try{return
e()}finally{this.state.topicContext=t}}withTopicForbiddingContext(e){const
t=this.state.topicContext;this.state.topicContext={maxNumOfResolvableTopics:0,maxTopicIndex:null};try{return
e()}finally{this.state.topicContext=t}}withSoloAwaitPermittingContext(e){const
t=this.state.soloAwait;this.state.soloAwait=!0;try{return e()}finally{this.state.soloAwait=t}}allowInAnd(e){const
t=this.prodParam.currentFlags();if(8&~t){this.prodParam.enter(8|t);try{return
e()}finally{this.prodParam.exit()}}return e()}disallowInAnd(e){const
t=this.prodParam.currentFlags();if(8&t){this.prodParam.enter(-9&t);try{return
e()}finally{this.prodParam.exit()}}return
e()}registerTopicReference(){this.state.topicContext.maxTopicIndex=0}primaryTopicReferenceIsAllowedInCurrent
TopicContext(){return
this.state.topicContext.maxNumOfResolvableTopics>=1}topicReferenceWasUsedInCurrentTopicContext(){return
null!=this.state.topicContext.maxTopicIndex&&this.state.topicContext.maxTopicIndex>=0}parseFSharpPipelineBo
dy(e){const t=this.state.start,r=this.state.startLoc;this.state.potentialArrowAt=this.state.start;const
n=this.state.inFSharpPipelineDirectBody;this.state.inFSharpPipelineDirectBody=!0;const
i=this.parseExprOp(this.parseMaybeUnary(),t,r,e);return
this.state.inFSharpPipelineDirectBody=n,i}parseModuleExpression(){this.expectPlugin(\\\"moduleBlocks\\\");const
e=this.startNode();this.next(),this.eat(o.braceL);const t=this.initializeScopes(!0);this.enterInitialScopes();const
r=this.startNode();try{e.body=this.parseProgram(r,o.braceR,\\\"module\\\")}finally{t()}return
this.eat(o.braceR),this.finishNode(e,\\\"ModuleExpression\\\")}}{parseTopLevel(e,t){return
e.program=this.parseProgram(t),e.comments=this.state.comments,this.options.tokens&&(e.tokens=function(e){for(l
et t=0;t<e.length;t++){const r=e[t];if(r.type===o.privateName){const{loc:n,start:i,value:s,end:a}=r,l=i+1,c=new
h(n.start.line,n.start.column+1);e.splice(t,1,new
Ae({type:o.hash,value:\\\"#\\\",start:i,end:l,startLoc:n.start,endLoc:c}),new
Ae({type:o.name,value:s,start:l,end:a,startLoc:c,endLoc:n.end})}})}return
e}(this.tokens)),this.finishNode(e,\\\"File\\\")}parseProgram(e,t=o.eof,r=this.options.sourceType){if(e.sourceType=r

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,e.interpreter=this.parseInterpreterDirective(),this.parseBlockBody(e,!0,!0,t),this.inModule&&!this.options.allowUn
declaredExports&&this.scope.undefinedExports.size>0)for(const[e]of
Array.from(this.scope.undefinedExports)){ const
t=this.scope.undefinedExports.get(e);this.raise(t,T.ModuleExportUndefined,e)}return
this.finishNode(e,\\\"Program\\\")}stmtToDirective(e){ const
t=e.expression,r=this.startNodeAt(t.start,t.loc.start),n=this.startNodeAt(e.start,e.loc.start),i=this.input.slice(t.start,t.en
d),s=r.value=i.slice(1,-1);return
this.addExtra(r,\\\"raw\\\",i),this.addExtra(r,\\\"rawValue\\\",s),n.value=this.finishNodeAt(r,\\\"DirectiveLiteral\\\",t.e
nd,t.loc.end),this.finishNodeAt(n,\\\"Directive\\\",e.end,e.loc.end)}parseInterpreterDirective(){if(!this.match(o.interp
reterDirective))return null;const e=this.startNode();return
e.value=this.state.value,this.next(),this.finishNode(e,\\\"InterpreterDirective\\\")}isLet(e){return!!this.isContextual(\\
\\let\\\")&&this.isLetKeyword(e)}isLetKeyword(e){ const
t=this.nextTokenStart(),r=this.input.charCodeAt(t);if(92===r||91===r)return!0;if(e)return!1;if(123===r)return!0;if(
C(r)){ let e=t+1;for(;N(this.input.charCodeAt(e));)++e;const
r=this.input.slice(t,e);if(!V.test(r))return!0}return!1}parseStatement(e,t){ return
this.match(o.at)&&this.parseDecorators(!0),this.parseStatementContent(e,t)}parseStatementContent(e,t){ let
r=this.state.type;const n=this.startNode();let i;switch(this.isLet(e)&&(r=o._var,i=\\\"let\\\"),r){ case o._break:case
o._continue:return this.parseBreakContinueStatement(n,r.keyword);case o._debugger:return
this.parseDebuggerStatement(n);case o._do:return this.parseDoStatement(n);case o._for:return
this.parseForStatement(n);case o._function:if(46===this.lookaheadCharCode())break;return
e&&(this.state.strict?this.raise(this.state.start,T.StrictFunction):\\\"if\\\"!==e&&\\\"label\\\"!==e&&this.raise(this.sta
te.start,T.SloppyFunction)),this.parseFunctionStatement(n,!1,!e);case o._class:return
e&&this.unexpected(),this.parseClass(n,!0);case o._if:return this.parseIfStatement(n);case o._return:return
this.parseReturnStatement(n);case o._switch:return this.parseSwitchStatement(n);case o._throw:return
this.parseThrowStatement(n);case o._try:return this.parseTryStatement(n);case o._const:case o._var:return
i=||this.state.value,e&&\\\"var\\\"!==i&&this.raise(this.state.start,T.UnexpectedLexicalDeclaration),this.parseVarSt
atement(n,i);case o._while:return this.parseWhileStatement(n);case o._with:return this.parseWithStatement(n);case
o.braceL:return this.parseBlock();case o.semi:return this.parseEmptyStatement(n);case o._import:{ const
e=this.lookaheadCharCode();if(40===e||46===e)break}case o._export:{ let e;return
this.options.allowImportExportEverywhere||t||this.raise(this.state.start,T.UnexpectedImportExport),this.next(),r===o
._import?(e=this.parseImport(n),\\\"ImportDeclaration\\\"!==e.type||e.importKind&&\\\"value\\\"!==e.importKind||(t
his.sawUnambiguousESM=!0)):e=this.parseExport(n),(\\\"ExportNamedDeclaration\\\"!==e.type||e.exportKind&&
\\\"value\\\"!==e.exportKind)&&(\\\"ExportAllDeclaration\\\"!==e.type||e.exportKind&&\\\"value\\\"!==e.exportKin
d)&&\\\"ExportDefaultDeclaration\\\"!==e.type||(this.sawUnambiguousESM=!0)),this.assertModuleNodeAllowed(n
),e}default:if(this.isAsyncFunction())return
e&&this.raise(this.state.start,T.AsyncFunctionInSingleStatementContext),this.next(),this.parseFunctionStatement(n,
!0,!e)}const s=this.state.value,a=this.parseExpression();return
r===o.name&&\\\"Identifier\\\"===a.type&&this.eat(o.colon)?this.parseLabeledStatement(n,s,a,e):this.parseExpress
ionStatement(n,a)}assertModuleNodeAllowed(e){ this.options.allowImportExportEverywhere||this.inModule||this.rai
se(e.start,b.ImportOutsideModule)}takeDecorators(e){ const
t=this.state.decoratorStack[this.state.decoratorStack.length-
1];t.length&&(e.decorators=t,this.resetStartLocationFromNode(e,t[0]),this.state.decoratorStack[this.state.decoratorS
tack.length-1]=[])canHaveLeadingDecorator(){ return this.match(o._class)}parseDecorators(e){ const
t=this.state.decoratorStack[this.state.decoratorStack.length-1];for(;this.match(o.at);){ const
e=this.parseDecorator();t.push(e)}if(this.match(o._export)e||this.unexpected(),this.hasPlugin(\\\"decorators\\\")&&!t
his.getPluginOption(\\\"decorators\\\",\\\"decoratorsBeforeExport\\\")&&this.raise(this.state.start,T.DecoratorExport
Class);else if(!this.canHaveLeadingDecorator())throw
this.raise(this.state.start,T.UnexpectedLeadingDecorator)}parseDecorator(){ this.expectOnePlugin([\\\"decorators-

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legacy\\",\\\\"decorators\\");const
e=this.startNode();if(this.next(),this.hasPlugin(\\\\"decorators\\\\")){this.state.decoratorStack.push([]);const
t=this.state.start,r=this.state.startLoc;let n;if(this.eat(o.parenL))n=this.parseExpression(),this.expect(o.parenR);else
for(n=this.parseIdentifier(!1);this.eat(o.dot);}const
e=this.startNodeAt(t,r);e.object=n,e.property=this.parseIdentifier(!0),e.computed=!1,n=this.finishNode(e,\\\\"MemberExpression\\\\"))e.expression=this.parseMaybeDecoratorArguments(n),this.state.decoratorStack.pop()else
e.expression=this.parseExprSubscripts();return
this.finishNode(e,\\\\"Decorator\\\\"))parseMaybeDecoratorArguments(e){if(this.eat(o.parenL)){const
t=this.startNodeAtNode(e);return
t.callee=e,t.arguments=this.parseCallExpressionArguments(o.parenR,!1),this.toReferencedList(t.arguments),this.finishNode(t,\\\\"CallExpression\\\\"))return e}parseBreakContinueStatement(e,t){const r=\\\\"break\\\\"===t;return
this.next(),this.isLineTerminator()?e.label=null:(e.label=this.parseIdentifier(),this.semicolon()),this.verifyBreakContinue(e,t),this.finishNode(e,r?\\\\"BreakStatement\\\\":\\\\"ContinueStatement\\\\"))verifyBreakContinue(e,t){const
r=\\\\"break\\\\"===t;let n;for(n=0;n<this.state.labels.length;++n){const
t=this.state.labels[n];if(null===e.label||t.name===e.label.name){if(null!=t.kind&&(r||\\\\"loop\\\\"===t.kind))break;if(e.label&&r)break}}n===this.state.labels.length&&this.raise(e.start,T.IllegalBreakContinue,t)}parseDebuggerStatement(e){return
this.next(),this.semicolon(),this.finishNode(e,\\\\"DebuggerStatement\\\\"))parseHeaderExpression(){this.expect(o.parenL);const e=this.parseExpression();return this.expect(o.parenR),e}parseDoStatement(e){return
this.next(),this.state.labels.push(Me),e.body=this.withTopicForbiddingContext(=>this.parseStatement(\\\\"do\\\\")),this.state.labels.pop(),this.expect(o._while),e.test=this.parseHeaderExpression(),this.eat(o.semi),this.finishNode(e,\\\\"DoWhileStatement\\\\"))parseForStatement(e){this.next(),this.state.labels.push(Me);let t=1;if(this.isAwaitAllowed())&&this.eatContextual(\\\\"await\\\\")&&(t=this.state.lastTokStart),this.scope.enter(0),this.expect(o.parenL),this.match(o.semi))return t>-1&&this.unexpected(t),this.parseFor(e,null);const
r=this.isContextual(\\\\"let\\\\"),n=r&&this.isLetKeyword();if(this.match(o._var)||this.match(o._const)||n){const
r=this.startNode(),i=n?\\\\"let\\\\":this.state.value;return
this.next(),this.parseVar(r,!0,i),this.finishNode(r,\\\\"VariableDeclaration\\\\"),(this.match(o._in)||this.isContextual(\\\\"of\\\\"))&&1===r.declarations.length?this.parseForIn(e,r,t):(t>-1&&this.unexpected(t),this.parseFor(e,r))}const
i=this.match(o.name)&&!this.state.containsEsc,s=new
De,a=this.parseExpression(!0,s),l=this.isContextual(\\\\"of\\\\");if(1&&(r?this.raise(a.start,T.ForOfLet):-1===t&&i&&\\\\"Identifier\\\\"===a.type&&\\\\"async\\\\"===a.name&&this.raise(a.start,T.ForOfAsync)),l||this.match(o._in)){this.toAssignable(a,!0);const r=l?\\\\"for-of statement\\\\":\\\\"for-in statement\\\\";return
this.checkLVal(a,r),this.parseForIn(e,a,t)}return this.checkExpressionErrors(s,!0),t>-1&&this.unexpected(t),this.parseFor(e,a)}parseFunctionStatement(e,t,r){return
this.next(),this.parseFunction(e,l|(r?0:2),t)}parseIfStatement(e){return
this.next(),e.test=this.parseHeaderExpression(),e.consequent=this.parseStatement(\\\\"if\\\\"),e.alternate=this.eat(o._else)?this.parseStatement(\\\\"if\\\\"):null,this.finishNode(e,\\\\"IfStatement\\\\"))parseReturnStatement(e){return
this.prodParam.hasReturn||this.options.allowReturnOutsideFunction||this.raise(this.state.start,T.IllegalReturn),this.next(),this.isLineTerminator()?e.argument=null:(e.argument=this.parseExpression(),this.semicolon()),this.finishNode(e,\\\\"ReturnStatement\\\\"))parseSwitchStatement(e){this.next(),e.discriminant=this.parseHeaderExpression();const
t=e.cases=[];let
r,n;for(this.expect(o.braceL),this.state.labels.push(je),this.scope.enter(0);!this.match(o.braceR);if(this.match(o._case)||this.match(o._default)){const
e=this.match(o._case);r&&this.finishNode(r,\\\\"SwitchCase\\\\"),t.push(r=this.startNode()),r.consequent=[],this.next(),e?r.test=this.parseExpression():(n&&this.raise(this.state.lastTokStart,T.MultipleDefaultsInSwitch),n=!0,r.test=null),this.expect(o.colon)}else r?r.consequent.push(this.parseStatement(null)):this.unexpected();return
this.scope.exit(),r&&this.finishNode(r,\\\\"SwitchCase\\\\"),this.next(),this.state.labels.pop(),this.finishNode(e,\\\\"SwitchStatement\\\\"))parseThrowStatement(e){return

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this.next(),this.hasPrecedingLineBreak()&&this.raise(this.state.lastTokEnd,T.NewlineAfterThrow),e.argument=this.
parseExpression(),this.semicolon(),this.finishNode(e,\\\\"ThrowStatement\\\\"))}parseCatchClauseParam(){const
e=this.parseBindingAtom(),t=\\\\"Identifier\\\\"===e.type;return this.scope.enter(t?8:0),this.checkLVal(e,\\\\"catch
clause\\\\" ,9),e}parseTryStatement(e){if(this.next(),e.block=this.parseBlock(),e.handler=null,this.match(o._catch)){c
onst
t=this.startNode();this.next(),this.match(o.parenL)?(this.expect(o.parenL),t.param=this.parseCatchClauseParam(),thi
s.expect(o.parenR):(t.param=null,this.scope.enter(0)),t.body=this.withTopicForbiddingContext(=>this.parseBlock
(!1,!1),this.scope.exit(),e.handler=this.finishNode(t,\\\\"CatchClause\\\\"))}return
e.finalizer=this.eat(o._finally)?this.parseBlock():null,e.handler||e.finalizer||this.raise(e.start,T.NoCatchOrFinally),this
.finishNode(e,\\\\"TryStatement\\\\"))}parseVarStatement(e,t){return
this.next(),this.parseVar(e,!1,t),this.semicolon(),this.finishNode(e,\\\\"VariableDeclaration\\\\"))}parseWhileStatement(
e){return
this.next(),e.test=this.parseHeaderExpression(),this.state.labels.push(Me),e.body=this.withTopicForbiddingContext(
=>this.parseStatement(\\\\"while\\\\")),this.state.labels.pop(),this.finishNode(e,\\\\"WhileStatement\\\\"))}parseWithSta
tement(e){return
this.state.strict&&this.raise(this.state.start,T.StrictWith),this.next(),e.object=this.parseHeaderExpression(),e.body=th
is.withTopicForbiddingContext(=>this.parseStatement(\\\\"with\\\\")),this.finishNode(e,\\\\"WithStatement\\\\"))}parse
EmptyStatement(e){return
this.next(),this.finishNode(e,\\\\"EmptyStatement\\\\"))}parseLabeledStatement(e,t,r,n){for(const e of
this.state.labels)e.name===t&&this.raise(r.start,T.LabelRedeclaration,t);const
i=this.state.type.isLoop?\\\\"loop\\\\" :this.match(o._switch)?\\\\"switch\\\\" :null;for(let t=this.state.labels.length-
1;t>=0;t--){const
r=this.state.labels[t];if(r.statementStart!==e.start)break;r.statementStart=this.state.start,r.kind=i}return
this.state.labels.push({name:t,kind:i,statementStart:this.state.start}),e.body=this.parseStatement(n?-
1===n.indexOf(\\\\"label\\\\")?n+\\\\"label\\\\" :n:\\\\"label\\\\"),this.state.labels.pop(),e.label=r,this.finishNode(e,\\\\"Label
edStatement\\\\"))}parseExpressionStatement(e,t){return
e.expression=t,this.semicolon(),this.finishNode(e,\\\\"ExpressionStatement\\\\"))}parseBlock(e=!1,t=!0,r){const
n=this.startNode();return
e&&this.state.strictErrors.clear(),this.expect(o.braceL),t&&this.scope.enter(0),this.parseBlockBody(n,e,!1,o.braceR,
r),t&&this.scope.exit(),this.finishNode(n,\\\\"BlockStatement\\\\"))}isValidDirective(e){return\\\\"ExpressionStatement
\\\\"===e.type&&\\\\"StringLiteral\\\\"===e.expression.type&&!e.expression.extra.parenthesized}parseBlockBody(e,t,
r,n,i){const s=e.body=[],a=e.directives=[];this.parseBlockOrModuleBlockBody(s,t?a:void
0,r,n,i)}parseBlockOrModuleBlockBody(e,t,r,n,i){const s=this.state.strict;let a=!1,o=!1;for(;!this.match(n);){const
n=this.parseStatement(null,r);if(t&&!o){if(this.isValidDirective(n)){const
e=this.stmtToDirective(n);t.push(e),a\\\\"use
strict\\\\"===e.value.value||(a=!0,this.setStrict(!0));continue}o=!0,this.state.strictErrors.clear()}e.push(n)}i&&i.call(th
is,a),s||this.setStrict(!1),this.next()}parseFor(e,t){return
e.init=t,this.semicolon(!1),e.test=this.match(o.semi)?null:this.parseExpression(),this.semicolon(!1),e.update=this.ma
tch(o.parenR)?null:this.parseExpression(),this.expect(o.parenR),e.body=this.withTopicForbiddingContext(=>this.
parseStatement(\\\\"for\\\\")),this.scope.exit(),this.state.labels.pop(),this.finishNode(e,\\\\"ForStatement\\\\"))}parseForIn
(e,t,r){const n=this.match(o._in);return this.next(),n?r>-1&&this.unexpected(r):e.await=r>-
1,\\\\"VariableDeclaration\\\\"!==t.type||null===t.declarations[0].init||n&&!this.state.strict&&\\\\"var\\\\"===t.kind&&\\\\"
Identifier\\\\"===t.declarations[0].id.type?\\\\"AssignmentPattern\\\\"===t.type&&this.raise(t.start,T.InvalidLhs,\\\\"fo
r-loop\\\\" ):this.raise(t.start,T.ForInOfLoopInitializer,n?\\\\"for-in\\\\" :\\\\"for-
of\\\\"),e.left=t,e.right=n?this.parseExpression():this.parseMaybeAssignAllowIn(),this.expect(o.parenR),e.body=this.
withTopicForbiddingContext(=>this.parseStatement(\\\\"for\\\\")),this.scope.exit(),this.state.labels.pop(),this.finishN
ode(e,n?\\\\"ForInStatement\\\\" :\\\\"ForOfStatement\\\\"))}parseVar(e,t,r){const
n=e.declarations=[],i=this.hasPlugin(\\\\"typescript\\\\" );for(e.kind=r;){const

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e=this.startNode();if(this.parseVarId(e,r),this.eat(o.eq)?e.init=t?this.parseMaybeAssignDisallowIn():this.parseMaybeAssignAllowIn():(\|"const\|"!|=r||this.match(o._in)||this.isContextual(\|"of\|"))?(\|"Identifier\|"===e.id.type||t&&(this.match(o._in)||this.isContextual(\|"of\|")))||this.raise(this.state.lastTokEnd,T.DeclarationMissingInitializer,\|"Complex binding patterns\|"):i||this.raise(this.state.lastTokEnd,T.DeclarationMissingInitializer,\|"Const declarations\|"),e.init=null),n.push(this.finishNode(e,\|"VariableDeclarator\|")),!this.eat(o.comma))break }return e }parseVarId(e,t){e.id=this.parseBindingAtom(),this.checkLVal(e.id,\|"variable declaration\|",\|"var\|"===t?5:9,void 0,\|"var\|"!|=t)}parseFunction(e,t=0,r=!1){const n=1&t,i=2&t,s=!(n||4&t);this.initFunction(e,r),this.match(o.star)&&i&&this.raise(this.state.start,T.GeneratorInSingleStatementContext),e.generator=this.eat(o.star),n&&(e.id=this.parseFunctionId(s));const a=this.state.maybeInArrowParameters;return this.state.maybeInArrowParameters=!1,this.scope.enter(2),this.prodParam.enter(oe(r,e.generator)),n||(e.id=this.parseFunctionId()),this.parseFunctionParams(e,!1),this.withTopicForbiddingContext(=>{this.parseFunctionBodyAndFinish(e,n?(\|"FunctionDeclaration\|":\|"FunctionExpression\|"))},this.prodParam.exit(),this.scope.exit(),n&&!i&&this.registerFunctionStatementId(e),this.state.maybeInArrowParameters=a,e }parseFunctionId(e){return e||this.match(o.name)?this.parseIdentifier():null}parseFunctionParams(e,t){this.expect(o.parenL),this.expressionScope.enter(new Ie(3)),e.params=this.parseBindingList(o.parenR,41,!1,t),this.expressionScope.exit()}registerFunctionStatementId(e){e.id&&this.scope.declareName(e.id.name,this.state.strict||e.generator||e.async?this.scope.treatFunctionsAsVar?5:9:17,e.id.start)}parseClass(e,t,r){this.next(),this.takeDecorators(e);const n=this.state.strict;return this.state.strict=!0,this.parseClassId(e,t,r),this.parseClassSuper(e),e.body=this.parseClassBody(!e.superClass,n),this.finishNode(e,t?(\|"ClassDeclaration\|":\|"ClassExpression\|"))}isClassProperty(){return this.match(o.eq)||this.match(o.semi)||this.match(o.braceR)}isClassMethod(){return this.match(o.parenL)}isNonstaticConstructor(e){return!(e.computed||e.static||(\|"constructor\|"!|=e.key.name&&\|"constructor\|"!|=e.key.value))}parseClassBody(e,t){this.classScope.enter();const r={hadConstructor:!1,hadSuperClass:e};let n=[];const i=this.startNode();if(i.body=[],this.expect(o.braceL),this.withTopicForbiddingContext(=>{for(;!this.match(o.braceR);){if(this.eat(o.semi)){if(n.length>0)throw this.raise(this.state.lastTokEnd,T.DecoratorSemicolon);continue }if(this.match(o.at)){n.push(this.parseDecorator());continue }const e=this.startNode();n.length&&(e.decorators=n,this.resetStartLocationFromNode(e,n[0]),n=[]),this.parseClassMember(i,e,r,\|"constructor\|"===e.kind&&e.decorators&&e.decorators.length>0&&this.raise(e.start,T.DecoratorConstructor)}),this.state.strict=t,this.next(),n.length)throw this.raise(this.state.start,T.TrailingDecorator);return this.classScope.exit(),this.finishNode(i,\|"ClassBody\|")}parseClassMemberFromModifier(e,t){const r=this.parseIdentifier(!0);if(this.isClassMethod()){const n=t;return n.kind=\|"method\|",n.computed=!1,n.key=r,n.static=!1,this.pushClassMethod(e,n,!1,!1,!1,!1,!1,!1),!0}if(this.isClassProperty()){const n=t;return n.computed=!1,n.key=r,n.static=!1,e.body.push(this.parseClassProperty(n)),!0}return!1 }parseClassMember(e,t,r){const n=this.isContextual(\|"static\|");if(n){if(this.parseClassMemberFromModifier(e,t))return;if(this.eat(o.braceL))return n void this.parseClassStaticBlock(e,t)}this.parseClassMemberWithIsStatic(e,t,r,n)}parseClassMemberWithIsStatic(e,t,r,n){const i=t,s=t,a=t,l=t,c=i,p=i;if(t.static=n,this.eat(o.star)){c.kind=\|"method\|";const t=this.match(o.privateName);return this.parseClassElementName(c),t?void this.pushClassPrivateMethod(e,s,!0,!1):(this.isNonstaticConstructor(i)&&this.raise(i.key.start,T.ConstructorIsGenerator),void this.pushClassMethod(e,i,!0,!1,!1,!1))}const u=this.state.containsEsc,d=this.match(o.privateName),h=this.parseClassElementName(t),f=\|"Identifier\|"===h.type,m=this.state.start;if(this.parsePostMemberNameModifiers(p),this.isClassMethod()){if(c.kind=\|"method\|",d)return void this.pushClassPrivateMethod(e,s,!1,!1);const n=this.isNonstaticConstructor(i);let

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a=!1;n&&(i.kind=\\\\"constructor\\\\"&&r.hadConstructor&&!this.hasPlugin(\\\\"typescript\\\\"))&&this.raise(h.start,T.DuplicateConstructor),n&&this.hasPlugin(\\\\"typescript\\\\"))&&t.override&&this.raise(h.start,T.OverrideOnConstructor),r.hadConstructor=!0,a=r.hadSuperClass,this.pushClassMethod(e,i,!1,!1,n,a)}else
if(this.isClassProperty())d?this.pushClassPrivateProperty(e,l):this.pushClassProperty(e,a);else
if(!f\\\\"async\\\\"!===h.name||u|this.isLineTerminator())if(!f\\\\"get\\\\"!===h.name&&\\\\"set\\\\"!===h.name||u|this.matc
h(o.star)&&this.isLineTerminator())this.isLineTerminator()?d?this.pushClassPrivateProperty(e,l):this.pushClassPro
perty(e,a):this.unexpected();else{c.kind=h.name;const
t=this.match(o.privateName);this.parseClassElementName(i,t)?this.pushClassPrivateMethod(e,s,!1,!1):(this.isNonst
aticConstructor(i)&&this.raise(i.key.start,T.ConstructorIsAccessor),this.pushClassMethod(e,i,!1,!1,!1,!1),this.check
GetterSetterParams(i)}else{const t=this.eat(o.star);p.optional&&this.unexpected(m),c.kind=\\\\"method\\\\";const
r=this.match(o.privateName);this.parseClassElementName(c),this.parsePostMemberNameModifiers(p),r?this.pushC
lassPrivateMethod(e,s,t,!0):(this.isNonstaticConstructor(i)&&this.raise(i.key.start,T.ConstructorIsAsync),this.pushC
lassMethod(e,i,t,!0,!1,!1))}parseClassElementName(e){const{type:t,value:r,start:n}=this.state;return
t!===o.name&&t!===o.string||!e.static||\\\\"prototype\\\\"!===r||this.raise(n,T.StaticPrototype),t===o.privateName&&\\\\"
constructor\\\\"!===r&&this.raise(n,T.ConstructorClassPrivateField),this.parsePropertyName(e,!0)}parseClassStaticB
lock(e,t){var r;this.expectPlugin(\\\\"classStaticBlock\\\\"&&t.start),this.scope.enter(208);const
n=this.state.labels;this.state.labels=[],this.prodParam.enter(0);const
i=t.body=[];this.parseBlockOrModuleBlockBody(i,void
0,!1,o.braceR),this.prodParam.exit(),this.scope.exit(),this.state.labels=n,e.body.push(this.finishNode(t,\\\\"StaticBloc
k\\\\")),null!=(r=t.decorators)&&r.length&&this.raise(t.start,T.DecoratorStaticBlock)}pushClassProperty(e,t){t.comp
uted||\\\\"constructor\\\\"!===t.key.name&&\\\\"constructor\\\\"!===t.key.value||this.raise(t.key.start,T.ConstructorClassFi
eld),e.body.push(this.parseClassProperty(t))pushClassPrivateProperty(e,t){const
r=this.parseClassPrivateProperty(t);e.body.push(r),this.classScope.declarePrivateName(this.getPrivateNameSV(r.ke
y),0,r.key.start)}pushClassMethod(e,t,r,n,i,s){e.body.push(this.parseMethod(t,r,n,i,s,\\\\"ClassMethod\\\\"&&!0))pushCl
assPrivateMethod(e,t,r,n){const i=this.parseMethod(t,r,n,!1,!1,\\\\"ClassPrivateMethod\\\\"&&!0);e.body.push(i);const
s=\\\\"get\\\\"===i.kind?i.static?6:2:\\\\"set\\\\"===i.kind?i.static?5:1:0;this.classScope.declarePrivateName(this.getPriv
ateNameSV(i.key),s,i.key.start)}parsePostMemberNameModifiers(e){parseClassPrivateProperty(e){return
this.parseInitializer(e),this.semicolon(),this.finishNode(e,\\\\"ClassPrivateProperty\\\\")}parseClassProperty(e){return
this.parseInitializer(e),this.semicolon(),this.finishNode(e,\\\\"ClassProperty\\\\")}parseInitializer(e){this.scope.enter(8
0),this.expressionScope.enter(ke()),this.prodParam.enter(0),e.value=this.eat(o.eq)?this.parseMaybeAssignAllowIn():
null,this.expressionScope.exit(),this.prodParam.exit(),this.scope.exit()}parseClassId(e,t,r,n=139){this.match(o.name
)?(e.id=this.parseIdentifier(),t&&this.checkLVal(e.id,\\\\"class
name\\\\"&&n):r||!t?e.id=null:this.unexpected(null,T.MissingClassName)}parseClassSuper(e){e.superClass=this.eat(o.
_extends)?this.parseExprSubscripts():null}parseExport(e){const
t=this.maybeParseExportDefaultSpecifier(e),r=!t||this.eat(o.comma),n=r&&this.eatExportStar(e),i=n&&this.maybeP
arseExportNamespaceSpecifier(e),s=r&&!i||this.eat(o.comma),a=t||n;if(n&&!i)return
t&&this.unexpected(),this.parseExportFrom(e,!0),this.finishNode(e,\\\\"ExportAllDeclaration\\\\");const
l=this.maybeParseExportNamedSpecifiers(e);if(t&&r&&!n&&!i&&s&&!l)throw
this.unexpected(null,o.braceL);let
c;if(a||l?(c=!1,this.parseExportFrom(e,a)):c=this.maybeParseExportDeclaration(e,a)||c)return
this.checkExport(e,!0,!1,!e.source),this.finishNode(e,\\\\"ExportNamedDeclaration\\\\");if(this.eat(o._default))return
e.declaration=this.parseExportDefaultExpression(),this.checkExport(e,!0,!0),this.finishNode(e,\\\\"ExportDefaultDec
laration\\\\");throw this.unexpected(null,o.braceL)}eatExportStar(e){return
this.eat(o.star)}maybeParseExportDefaultSpecifier(e){if(this.isExportDefaultSpecifier()){this.expectPlugin(\\\\"expo
rtDefaultFrom\\\\");const t=this.startNode();return
t.exported=this.parseIdentifier(!0),e.specifiers=[this.finishNode(t,\\\\"ExportDefaultSpecifier\\\\"),!0]return!1}maybe
ParseExportNamespaceSpecifier(e){if(this.isContextual(\\\\"as\\\\"))e.specifiers||(e.specifiers=[]);const
t=this.startNodeAt(this.state.lastTokStart,this.state.lastTokStartLoc);return

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this.next(),t.exported=this.parseModuleExportName(),e.specifiers.push(this.finishNode(t,`ExportNamespaceSpeci
fier`),!0)return!1}maybeParseExportNamedSpecifiers(e){return!!this.match(o.braceL)&&(e.specifiers||(e.specifi
ers=[]),e.specifiers.push(...this.parseExportSpecifiers()),e.source=null,e.declaration=null,!0)}maybeParseExportDecl
aration(e){return!!this.shouldParseExportDeclaration()&&(e.specifiers=[],e.source=null,e.declaration=this.parseExp
ortDeclaration(e,!0)}isAsyncFunction(){if(!this.isContextual(`async`))return!1;const
e=this.nextTokenStart();return!l.test(this.input.slice(this.state.pos,e))&&this.isUnparsedContextual(e,`function`
)}parseExportDefaultExpression(){const
e=this.startNode(),t=this.isAsyncFunction();if(this.match(o._function)||t)return
this.next(),t&&this.next(),this.parseFunction(e,5,t);if(this.match(o._class))return
this.parseClass(e,!0,!0);if(this.match(o.at))return
this.hasPlugin(`decorators`)&&this.getPluginOption(`decorators`,`decoratorsBeforeExport`)&&this.raise(this.state.start,T.DecoratorBeforeExport),this.parseDecorators(!1),this.parseClass(e,!0,!0);if(this.match(o._const)||
this.match(o._var)||this.isLet())throw this.raise(this.state.start,T.UnsupportedDefaultExport);const
e=this.parseMaybeAssignAllowIn();return this.semicolon(),e}parseExportDeclaration(e){return
this.parseStatement(null)}isExportDefaultSpecifier(){if(this.match(o.name)){const
e=this.state.value;if(`async`===e&&!this.state.containsEsc||`let`===e)return!1;if(`type`===e||`interface`===e)&&!this.state.containsEsc){const
e=this.lookahead();if(e.type===o.name&&`from`!==e.value||e.type===o.braceL)return
this.expectOnePlugin([`flow`,`typescript`],!1)}else if(!this.match(o._default))return!1;const
e=this.nextTokenStart(),t=this.isUnparsedContextual(e,`from`);if(44===this.input.charCodeAt(e)||this.match(o.
name)&&t)return!0;if(this.match(o._default)&&t){const
t=this.input.charCodeAt(this.nextTokenStartSince(e+4));return
34===t||39===t}return!1}parseExportFrom(e,t){if(this.eatContextual(`from`)){e.source=this.parseImportSourc
e(),this.checkExport(e);const t=this.maybeParseImportAssertions();t&&(e.assertions=t)}else
t?this.unexpected():e.source=null;this.semicolon()}shouldParseExportDeclaration(){if(this.match(o.at)&&(this.expe
ctOnePlugin([`decorators`,`decorators-
legacy`],this.hasPlugin(`decorators`)))}{if(!this.getPluginOption(`decorators`,`decoratorsBeforeExport
`))return!0;this.unexpected(this.state.start,T.DecoratorBeforeExport)}return`var`===this.state.type.keyword||
`const`===this.state.type.keyword||`function`===this.state.type.keyword||`class`===this.state.type.key
word||this.isLet()||this.isAsyncFunction()}checkExport(e,t,r,n){if(t)if(r){if(this.checkDuplicateExports(e,`default\
`),this.hasPlugin(`exportDefaultFrom`)){var i;const
t=e.declaration;`Identifier`!==t.type||`from`!==t.name||t.end-
t.start!==4||null!=(i=t.extra)&&i.parenthesized||this.raise(t.start,T.ExportDefaultFromAsIdentifier)}else
if(e.specifiers&&e.specifiers.length)for(const t of
e.specifiers){const{exported:e}=t,r=`Identifier`===e.type?e.name:e.value;if(this.checkDuplicateExports(t,r,!n
&&t.local){const{local:e}=t;`StringLiteral`===e.type?this.raise(t.start,T.ExportBindingIsString,e.value,r):(this.
checkReservedWord(e.name,e.start,!0,!1),this.scope.checkLocalExport(e))}else
if(e.declaration)if(`FunctionDeclaration`===e.declaration.type||`ClassDeclaration`===e.declaration.type){c
onst t=e.declaration.id;if(!t)throw new Error(`Assertion failure`);this.checkDuplicateExports(e,t.name)}else
if(`VariableDeclaration`===e.declaration.type)for(const t of
e.declaration.declarations)this.checkDeclaration(t.id);if(this.state.decoratorStack[this.state.decoratorStack.length-
1].length)throw
this.raise(e.start,T.UnsupportedDecoratorExport)}checkDeclaration(e){if(`Identifier`===e.type)this.checkDupli
cateExports(e,e.name);else if(`ObjectPattern`===e.type)for(const t of e.properties)this.checkDeclaration(t);else
if(`ArrayPattern`===e.type)for(const t of
e.elements)t&&this.checkDeclaration(t);else`ObjectProperty`===e.type?this.checkDeclaration(e.value):`Rest
Element`===e.type?this.checkDeclaration(e.argument):`AssignmentPattern`===e.type&&this.checkDeclarati
on(e.left)}checkDuplicateExports(e,t){this.state.exportedIdentifiers.indexOf(t)>-

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1 &&this.raise(e.start,\\\\"default\\\\"===t?T.DuplicateDefaultExport:T.DuplicateExport,t),this.state.exportedIdentifier
s.push(t)}parseExportSpecifiers(){const e=[];let t=!0;for(this.expect(o.braceL);!this.eat(o.braceR);){if(t)={!1;else
if(this.expect(o.comma),this.eat(o.braceR))break;const
r=this.startNode();r.local=this.parseModuleExportName(),r.exported=this.eatContextual(\\\\"as\\\\")?this.parseModule
ExportName():r.local.__clone(),e.push(this.finishNode(r,\\\\"ExportSpecifier\\\\"))}return
e}parseModuleExportName(){if(this.match(o.string)){const
e=this.parseLiteral(this.state.value,\\\\"StringLiteral\\\\"),t=e.value.match(Fe);return
t&&this.raise(e.start,T.ModuleExportNameHasLoneSurrogate,t[0].charCodeAt(0).toString(16)),e}return
this.parseIdentifier(!0)}parseImport(e){if(e.specifiers=[],!this.match(o.string)){const
t=!this.maybeParseDefaultImportSpecifier(e)||this.eat(o.comma),r=t&&this.maybeParseStarImportSpecifier(e);t&&!
r&&this.parseNamedImportSpecifiers(e),this.expectContextual(\\\\"from\\\\")}e.source=this.parseImportSource();con
st t=this.maybeParseImportAssertions();if(t)e.assertions=t;else{const
t=this.maybeParseModuleAttributes();t&&(e.attributes=t)}return
this.semicolon(),this.finishNode(e,\\\\"ImportDeclaration\\\\")}parseImportSource(){return
this.match(o.string)||this.unexpected(),this.parseExprAtom()}shouldParseDefaultImport(e){return
this.match(o.name)}parseImportSpecifierLocal(e,t,r,n){t.local=this.parseIdentifier(),this.checkLVal(t.local,n,9),e.sp
ecifiers.push(this.finishNode(t,r))}parseAssertEntries(){const e=[],t=new
Set;do{if(this.match(o.braceR))break;const
r=this.startNode(),n=this.state.value;if(this.match(o.string)?r.key=this.parseLiteral(n,\\\\"StringLiteral\\\\"):r.key=this.
parseIdentifier(!0),this.expect(o.colon),\\\\"type\\\\"!=n&&this.raise(r.key.start,T.ModuleAttributeDifferentFromTyp
e,n),t.has(n)&&this.raise(r.key.start,T.ModuleAttributesWithDuplicateKeys,n),t.add(n,!this.match(o.string))throw
this.unexpected(this.state.start,T.ModuleAttributeInvalidValue);r.value=this.parseLiteral(this.state.value,\\\\"StringLi
teral\\\\"),this.finishNode(r,\\\\"ImportAttribute\\\\"),e.push(r)}while(this.eat(o.comma));return
e}maybeParseModuleAttributes(){if(!this.match(o._with)||this.hasPrecedingLineBreak())return
this.hasPlugin(\\\\"moduleAttributes\\\\")?[]:null;this.expectPlugin(\\\\"moduleAttributes\\\\"),this.next();const
e=[],t=new Set;do{const
r=this.startNode();if(r.key=this.parseIdentifier(!0),\\\\"type\\\\"!=r.key.name&&this.raise(r.key.start,T.ModuleAttri
buteDifferentFromType,r.key.name),t.has(r.key.name)&&this.raise(r.key.start,T.ModuleAttributesWithDuplicateKey
s,r.key.name),t.add(r.key.name),this.expect(o.colon),!this.match(o.string))throw
this.unexpected(this.state.start,T.ModuleAttributeInvalidValue);r.value=this.parseLiteral(this.state.value,\\\\"StringLi
teral\\\\"),this.finishNode(r,\\\\"ImportAttribute\\\\"),e.push(r)}while(this.eat(o.comma));return
e}maybeParseImportAssertions(){if(!this.isContextual(\\\\"assert\\\\")||this.hasPrecedingLineBreak())return
this.hasPlugin(\\\\"importAssertions\\\\")?[]:null;this.expectPlugin(\\\\"importAssertions\\\\"),this.next(),this.eat(o.brace
L);const e=this.parseAssertEntries();return
this.eat(o.braceR),e}maybeParseDefaultImportSpecifier(e){return!this.shouldParseDefaultImport(e)&&(this.parseI
mportSpecifierLocal(e,this.startNode(),\\\\"ImportDefaultSpecifier\\\\"),\\\\"default import
specifier\\\\"),!0)}maybeParseStarImportSpecifier(e){if(this.match(o.star)){const t=this.startNode();return
this.next(),this.expectContextual(\\\\"as\\\\"),this.parseImportSpecifierLocal(e,t,\\\\"ImportNamespaceSpecifier\\\\"),\\\\"i
mport namespace specifier\\\\"),!0}return!1}parseNamedImportSpecifiers(e){let
t=!0;for(this.expect(o.braceL);!this.eat(o.braceR);){if(t)={!1;else{if(this.eat(o.colon))throw
this.raise(this.state.start,T.DestructureNamedImport);if(this.expect(o.comma),this.eat(o.braceR))break}this.parseIm
portSpecifier(e)}parseImportSpecifier(e){const
t=this.startNode();if(t.imported=this.parseModuleExportName(),this.eatContextual(\\\\"as\\\\"))t.local=this.parseIdenti
fier();else{const{imported:e}=t;if(\\\\"StringLiteral\\\\"===e.type)throw
this.raise(t.start,T.ImportBindingIsString,e.value);this.checkReservedWord(e.name,t.start,!0,!0),t.local=e.__clone()}
this.checkLVal(t.local,\\\\"import
specifier\\\\"),9),e.specifiers.push(this.finishNode(t,\\\\"ImportSpecifier\\\\"))}isThisParam(e){return\\\\"Identifier\\\\"==
=e.type&&\\\\"this\\\\"===e.name}}{constructor(e,t){super(e=function(e){const t={};for(const r of

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Object.keys(ge))t[r]=e&&null!=e[r]?e[r]:ge[r];return
t}(e,t),this.options=e,this.initializeScopes(),this.plugins=function(e){const t=new Map;for(const r of
e){const[e,n]=Array.isArray(r)?r:[r,{}];t.has(e)||t.set(e,n[{}])}return
t}(this.options.plugins),this.filename=e.sourceFilename}getScopeHandler(){return
q}parse(){this.enterInitialScopes();const e=this.startNode(),t=this.startNode();return
this.nextToken(),e.errors=null,this.parseTopLevel(e,t),e.errors=this.state.errors,e}function Be(e,t){let r=Re;return
null!=e&&e.plugins&&(!function(e){if(he(e,\\\\"decorators\\\\"))if(he(e,\\\\"decorators-legacy\\\\"))throw new
Error(\\\\"Cannot use the decorators and decorators-legacy plugin together\\\\"");const
t=fe(e,\\\\"decorators\\\\"),\\\\"decoratorsBeforeExport\\\\"");if(null==t)throw new Error(\\\\"The 'decorators' plugin
requires a 'decoratorsBeforeExport' option, whose value must be a boolean. If you are migrating from
Babylon/Babel 6 or want to use the old decorators proposal, you should use the 'decorators-legacy' plugin instead of
'decorators'.\\\\"");if(\\\\"boolean\\\\"!=typeof t)throw new Error(\\\\"decoratorsBeforeExport' must be a
boolean.\\\\"");if(he(e,\\\\"flow\\\\")&&he(e,\\\\"typescript\\\\"))throw new Error(\\\\"Cannot combine flow and typescript
plugins.\\\\"");if(he(e,\\\\"placeholders\\\\")&&he(e,\\\\"v8intrinsic\\\\"))throw new Error(\\\\"Cannot combine
placeholders and v8intrinsic
plugins.\\\\"");if(he(e,\\\\"pipelineOperator\\\\")&&!me.includes(fe(e,\\\\"pipelineOperator\\\\"),\\\\"proposal\\\\"))throw
new Error(\\\\"pipelineOperator' requires 'proposal' option whose value should be one of:
\\\\"+me.map(e=>`$${e}`).join(\\\\"\\\\"),\\\\"");if(he(e,\\\\"moduleAttributes\\\\"))if(he(e,\\\\"importAssertions\\\\"))throw
new Error(\\\\"Cannot combine importAssertions and moduleAttributes plugins.\\\\"");if(\\\\"may-
2020\\\\"!=fe(e,\\\\"moduleAttributes\\\\"),\\\\"version\\\\"))throw new Error(\\\\"The 'moduleAttributes' plugin requires a
'version' option, representing the last proposal update. Currently, the only supported value is 'may-
2020'.\\\\"");if(he(e,\\\\"recordAndTuple\\\\")&&!ye.includes(fe(e,\\\\"recordAndTuple\\\\"),\\\\"syntaxType\\\\"))throw
new Error(\\\\"recordAndTuple' requires 'syntaxType' option whose value should be one of:
\\\\"+ye.map(e=>`$${e}`).join(\\\\"\\\\"),\\\\"");if(he(e,\\\\"asyncDoExpressions\\\\")&&!he(e,\\\\"doExpressions\\\\"")){const
e=new Error(\\\\"asyncDoExpressions' requires 'doExpressions', please add 'doExpressions' to parser
plugins.\\\\"");throw e.missingPlugins=\\\\"doExpressions\\\\"",e}(e.plugins),r=function(e){const
t=be.filter(t=>he(e,t)),r=t.join(\\\\"/\\\\"");let n=Ue[r];if(!n){n=Re;for(const e of t)n=Te[e](n);Ue[r]=n}return
n}(e.plugins),new r(e,t)}const Ue={};t.parse=function(e,t){var r;if(\\\\"unambiguous\\\\"!=!(null==(r=t)?void
0:r.sourceType))return Be(t,e).parse();t=Object.assign({},t);try{t.sourceType=\\\\"module\\\\"";const
r=Be(t,e),n=r.parse();if(r.sawUnambiguousESM)return n;if(r.ambiguousScriptDifferentAst)try{return
t.sourceType=\\\\"script\\\\"",Be(t,e).parse()}catch(e){}else n.program.sourceType=\\\\"script\\\\"";return
n}catch(r){try{return t.sourceType=\\\\"script\\\\"",Be(t,e).parse()}catch(e){}throw
r}},t.parseExpression=function(e,t){const r=Be(t,e);return
r.options.strictMode&&(r.state.strict!=0),r.getExpression(),t.tokTypes=o},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\"",{value:!0}),t.default=function(e,t,r){const{metadata:a,names:l}
=function(e,t,r){let n,s,a,l=\\\\"\\\\";do{I+=\\\\"$\\\\"";const c=o(t,l);n=c.names,s=new
Set(n),a=(0,i.default)(e,e.code(c.code)),{parser:r.parser,placeholderWhitelist:new
Set(c.names.concat(r.placeholderWhitelist?Array.from(r.placeholderWhitelist):[])),placeholderPattern:r.placeholder
Pattern,preserveComments:r.preserveComments,syntacticPlaceholders:r.syntacticPlaceholders}}while(a.placeholder
rs.some(e=>e.isDuplicate&&s.has(e.name)));return{metadata:a,names:n}}(e,t,r);return t=>{const r={};return
t.forEach((e,t)=>{r[l[t]]=e}),t=>{const i=(0,n.normalizeReplacements)(t);return
i&&Object.keys(i).forEach(e=>{if(Object.prototype.hasOwnProperty.call(r,e))throw new Error(\\\\"Unexpected
replacement overlap.\\\\""))},e.unwrap((0,s.default)(a,i?Object.assign(i,r):r))}}};var
n=r(59),i=a(r(127)),s=a(r(128));function a(e){return e&&e.__esModule?e:{default:e}}function o(e,t){const r=[];let
n=e[0];for(let i=1;i<e.length;i++){const s=`$${t}${i-
1}`;r.push(s),n+=s+e[i]}return {names:r,code:n}},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\"",{value:!0}),t.matchesPattern=function(e,t){return
n.matchesPattern(this.node,e,t)},t.has=s,t.isStatic=function(){return

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this.scope.isStatic(this.node)},t.isnt=function(e){return!this.has(e)},t.equals=function(e,t){return
this.node[e]==t},t.isNodeType=function(e){return
n.isType(this.type,e)},t.canHaveVariableDeclarationOrExpression=function(){return(\\\\"init\\"===this.key||\\\\"left\\
\\\\"===this.key)&&this.parentPath.isFor()),t.canSwapBetweenExpressionAndStatement=function(e){if(\\\\"body\\"!
=this.key||!this.parentPath.isArrowFunctionExpression())return!1;if(this.isExpression())return
n.isBlockStatement(e);if(this.isBlockStatement())return
n.isExpression(e);return!1},t.isCompletionRecord=function(e){let t=this,r=!0;do{const
n=t.container;if(t.isFunction())&&!r)return!1;if(r=!1,Array.isArray(n)&&t.key!==n.length-
1)return!1}while((t=t.parentPath)&&!t.isProgram());return!0},t.isStatementOrBlock=function(){return!this.parentPa
th.isLabeledStatement()&&!n.isBlockStatement(this.container)&&n.STATEMENT_OR_BLOCK_KEYS.includes(t
his.key)},t.referencesImport=function(e,t){if(!this.isReferencedIdentifier())return!1;const
r=this.scope.getBinding(this.node.name);if(!r||\\\\"module\\"!==r.kind)return!1;const
n=r.path,i=n.parentPath;if(!i.isImportDeclaration())return!1;if(i.node.source.value!==e)return!1;if(!t)return!0;if(n.isI
mportDefaultSpecifier()&&\\\\"default\\"===t)return!0;if(n.isImportNamespaceSpecifier()&&\\\\"*\\"===t)return!0;
if(n.isImportSpecifier()&&n.node.imported.name===t)return!0;return!1},t.getSource=function(){const
e=this.node;if(e.end){const t=this.hub.getCode();if(t)return
t.slice(e.start,e.end)}return\\\\"\\\\"},t.willIMaybeExecuteBefore=function(e){return\\\\"after\\"!==this._guessExecutio
nStatusRelativeTo(e)},t._guessExecutionStatusRelativeTo=function(e){const
t={this:o(this),target:o(e)};if(t.target.node!==t.this.node)return
this._guessExecutionStatusRelativeToDifferentFunctions(t.target);const
r={target:e.getAncestry(),this:this.getAncestry()};if(r.target.indexOf(this)>=0)return\\\\"after\\";if(r.this.indexOf(e)>
=0)return\\\\"before\\";let i;const s={target:0,this:0};for(;!i&&s.this<r.this.length;){const
e=r.this[s.this];s.target=r.target.indexOf(e),s.target>=0?i=e.s.this++:if(!i)throw new Error(\\\\"Internal Babel error -
The two compared nodes don't appear to belong to the same program.\\");if(c(r.this,s.this-1)||c(r.target,s.target-
1))return\\\\"unknown\\";const a={this:r.this[s.this-1],target:r.target[s.target-
1]};if(a.target.listKey&&a.this.listKey&&a.target.container===a.this.container)return
a.target.key>a.this.key?\\\\"before\\":\\\\"after\\";const
l=n.VISITOR_KEYS[i.type],p={this:l.indexOf(a.this.parentKey),target:l.indexOf(a.target.parentKey)};return
p.target>p.this?\\\\"before\\":\\\\"after\\"},t._guessExecutionStatusRelativeToDifferentFunctions=function(e){if(!e.is
FunctionDeclaration()|e.parentPath.isExportDeclaration())return\\\\"unknown\\";const
t=e.scope.getBinding(e.node.id.name);if(!t.references)return\\\\"before\\";const r=t.referencePaths;let n;for(const t of
r){if(!t.find(t=>t.node===e.node))continue;if(\\\\"callee\\"!==t.key||!t.parentPath.isCallExpression())return\\\\"unkno
wn\\";if(p.has(t.node))continue;p.add(t.node);const
r=this._guessExecutionStatusRelativeTo(t);if(p.delete(t.node),n&&n!==r)return\\\\"unknown\\";n=r}return
n},t.resolve=function(e,t){return
this._resolve(e,t)||this},t._resolve=function(e,t){if(t&&t.indexOf(this)>=0)return;if((t=t[[]]).push(this),this.isVariable
Declarator()){if(this.get(\\\\"id\\"").isIdentifier())return this.get(\\\\"init\\"").resolve(e,t)}else
if(this.isReferencedIdentifier()){const
r=this.scope.getBinding(this.node.name);if(!r)return;if(!r.constant)return;if(\\\\"module\\"===r.kind)return;if(r.path!
===this){const n=r.path.resolve(e,t);if(this.find(e=>e.node===n.node))return;return
n}}else if(this.isTypeCastExpression())return
this.get(\\\\"expression\\"").resolve(e,t);if(e&&this.isMemberExpression()){const
r=this.toComputedKey();if(!n.isLiteral(r))return;const
i=r.value,s=this.get(\\\\"object\\"").resolve(e,t);if(s.isObjectExpression()){const r=s.get(\\\\"properties\\"");for(const n
of r){if(!n.isProperty())continue;const r=n.get(\\\\"key\\"");let
s=n.isnt(\\\\"computed\\")&&r.isIdentifier({name:i});if(s=s||r.isLiteral({value:i}),s)return
n.get(\\\\"value\\"").resolve(e,t)}else if(s.isArrayExpression()&&!sNaN(+i)){const
r=s.get(\\\\"elements\\"")[i];if(r)return

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r.resolve(e,t) } } }, t.isConstantExpression=function(){ if(this.isIdentifier()){ const
e=this.scope.getBinding(this.node.name);return !e&&e.constant } if(this.isLiteral())return !this.isRegExpLiteral()&&(
!this.isTemplateLiteral())||this.get(\\\\"expressions\\\\").every(e=>e.isConstantExpression());if(this.isUnaryExpression
())return \\\\"void\\\\"===this.get(\\\\"operator\\\\").node&&this.get(\\\\"argument\\\\").isConstantExpression();if(this.isBi
naryExpression())return
this.get(\\\\"left\\\\").isConstantExpression()&&this.get(\\\\"right\\\\").isConstantExpression();return !1 }, t.isInStrictMod
e=function(){ return !(this.isProgram()?this:this.parentPath).find(e=>{ if(e.isProgram({ sourceType:\\\\"module\\\\"}))r
eturn !0;if(e.isClass())return !0;if(!e.isProgram()&&!e.isFunction())return !1;if(e.isArrowFunctionExpression()&&!e.
get(\\\\"body\\\\").isBlockStatement())return !1;let { node:t }=e;e.isFunction()&&(t=t.body);for(const e of
t.directives)if(\\\\"use strict\\\\"===e.value.value)return !0) } }, t.is=void 0;var
n=function(e){ if(e&&e.__esModule)return e;if(null===e||\\\\"object\\\\"!==typeof e&&\\\\"function\\\\"!==typeof
e)return { default:e };var t=i();if(t&&t.has(e))return t.get(e);var
r={ },n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){ var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get|a.set)?Object.defineProperty(r,s,a):r[s]=e[s]r.default=e
,&&t.set(e,r);return r}(r(0));function i(){ if(\\\\"function\\\\"!==typeof WeakMap)return null;var e=new
WeakMap;return i=function(){ return e },e}function s(e){ const t=this.node&&this.node[e];return
t&&Array.isArray(t)?!t.length:!t}const a=s;function
o(e){ return(e.scope.getFunctionParent()||e.scope.getProgramParent()).path } function
l(e,t){ switch(e){ case\\\\"LogicalExpression\\\\":return \\\\"right\\\\"===t;case\\\\"ConditionalExpression\\\\":case\\\\"IfStat
ement\\\\":return \\\\"consequent\\\\"===t||\\\\"alternate\\\\"===t;case\\\\"WhileStatement\\\\":case\\\\"DoWhileStatement\\\\"
:case\\\\"ForInStatement\\\\":case\\\\"ForOfStatement\\\\":return \\\\"body\\\\"===t;case\\\\"ForStatement\\\\":return \\\\"body
\\\\"===t||\\\\"update\\\\"===t;case\\\\"SwitchStatement\\\\":return \\\\"cases\\\\"===t;case\\\\"TryStatement\\\\":return \\\\"han
dler\\\\"===t;case\\\\"AssignmentPattern\\\\":return \\\\"right\\\\"===t;case\\\\"OptionalMemberExpression\\\\":return \\\\"pr
operty\\\\"===t;case\\\\"OptionalCallExpression\\\\":return \\\\"arguments\\\\"===t;default:return !1 } } function
c(e,t){ for(let r=0;r<t;r++){ const t=e[r];if(l(t.parent.type,t.parentKey))return !0}return !1 } t.is=a;const p=new
WeakSet},function(e,t,r){ \\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{ value:!0}),t.call=function(e){ const
t=this.opts;if(this.debug(e),this.node&&this._call(t[e]))return !0;if(this.node)return
this._call(t[this.node.type]&&t[this.node.type][e]);return !1 },t._call=function(e){ if(!e)return !1;for(const t of
e){ if(!t)continue;const e=this.node;if(!e)return !0;const r=t.call(this.state,this,this.state);if(r&&\\\\"object\\\\"===typeof
r&&\\\\"function\\\\"===typeof r.then)throw new Error(\\\\"You appear to be using a plugin with an async traversal
visitor, which your current version of Babel does not support. If you're using a published plugin, you may need to
upgrade your @babel/core version.\\\\");if(r)throw new Error(\\\\"Unexpected return value from visitor method
\\\\"+t);if(this.node!==e)return !0;if(this._traverseFlags>0)return !0}return !1 },t.isBlacklisted=t.isDenylist=function(
){ var e;const t=null!=(e=this.opts.denylist)?e:this.opts.blacklist;return t&&t.indexOf(this.node.type)>-
1 },t.visit=function(){ if(!this.node)return !1;if(this.isDenylist())return !1;if(this.opts.shouldSkip&&this.opts.should
Skip(this))return !1;if(this.shouldSkip||this.call(\\\\"enter\\\\")||this.shouldSkip)return
this.debug(\\\\"Skip...\\\\"),this.shouldStop;return this.debug(\\\\"Recurring
into...\\\\"),i.default.node(this.node,this.opts,this.scope,this.state,this,this.skipKeys),this.call(\\\\"exit\\\\"),this.shouldSt
op },t.skip=function(){ this.shouldSkip=!0 },t.skipKey=function(e){ null===this.skipKeys&&(this.skipKeys={ });this.sk
ipKeys[e]=!0 },t.stop=function(){ this._traverseFlags|=s.SHOULD_SKIP|s.SHOULD_STOP },t.setScope=function(){
if(this.opts&&this.opts.noScope)return;let
e,t=this.parentPath;for(;t&&!e;){ if(t.opts&&t.opts.noScope)return;e=t.scope,t=t.parentPath } this.scope=this.getScop
e(e),this.scope&&this.scope.init(),t.setContext=function(e){ null!==this.skipKeys&&(this.skipKeys={ });this._traver
seFlags=0,e&&(this.context=e,this.state=e.state,this.opts=e.opts);return
this.setScope(),this },t.resync=function(){ if(this.removed)return;this._resyncParent(),this._resyncList(),this._resyncK
ey(),t._resyncParent=function(){ this.parentPath&&(this.parent=this.parentPath.node) },t._resyncKey=function(){ if(

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!this.container)return;if(this.node===this.container[this.key])return;if(Array.isArray(this.container)){for(let
e=0;e<this.container.length;e++)if(this.container[e]===this.node)return this.setKey(e)}else for(const e of
Object.keys(this.container))if(this.container[e]===this.node)return
this.setKey(e);this.key=null,t._resyncList=function(){if(!this.parent||!this.inList)return;const
e=this.parent[this.listKey];if(this.container===e)return;this.container=e||null,t._resyncRemoved=function(){null!=t
his.key&&this.container&&this.container[this.key]===this.node||this._markRemoved(),t.popContext=function(){t
his.contexts.pop(),this.contexts.length>0?this.setContext(this.contexts[this.contexts.length-1]):this.setContext(void
0)},t.pushContext=function(e){this.contexts.push(e),this.setContext(e)},t.setup=function(e,t,r,n){this.listKey=r,this
container=t,this.parentPath=e||this.parentPath,this.setKey(n)},t.setKey=function(e){var
t;this.key=e,this.node=this.container[this.key],this.type=null==(t=this.node)?void
0:t.type,t.requeue=function(e=this){if(e.removed)return;const t=this.contexts;for(const r of
t)r.maybeQueue(e)},t._getQueueContexts=function(){let
e=this,t=this.contexts;for(;!t.length&&(e=e.parentPath,e);)t=e.contexts;return t};var
n,i=(n=r(17))&&n.__esModule?n:{default:n,s:r(8)},function(e,t,r){use
strict";Object.defineProperty(t, "__esModule", {value: !0}),t.remove=function(){var
e;this._assertUnremoved(),this.resync(),(null==(e=this.opts)?void
0:e.noScope)||this._removeFromScope();if(this._callRemovalHooks())return void
this._markRemoved();this.shareCommentsWithSiblings(),this._remove(),this._markRemoved(),t._removeFromSco
pe=function(){const
e=this.getBindingIdentifiers();Object.keys(e).forEach(e=>this.scope.removeBinding(e)),t._callRemovalHooks=fun
ction(){for(const e of
n.hooks)if(e(this,this.parentPath))return!0,t._remove=function(){Array.isArray(this.container)?(this.container.splic
e(this.key,1),this.updateSiblingKeys(this.key,-
1)):this._replaceWith(null)},t._markRemoved=function(){this._traverseFlags|=i.SHOULD_SKIP|i.REMOVED,this
node=null,t._assertUnremoved=function(){if(this.removed)throw this.buildCodeFrameError( "NodePath has been
removed so is read-only. " );var n=r(367),i=r(8)},function(e,t,r){use
strict";Object.defineProperty(t, "__esModule", {value: !0}),t.hooks=void
0;t.hooks=[function(e,t){if( "test" ===e.key&&(t.isWhile()||t.isSwitchCase()))"declaration"===e.key&&t.isE
xportDeclaration()|"body"===e.key&&t.isLabeledStatement()|"declarations"===e.listKey&&t.isVariableD
eclaration()&&1===t.node.declarations.length|"expression"===e.key&&t.isExpressionStatement()}return
t.remove(),!0},function(e,t){if(t.isSequenceExpression()&&1===t.node.expressions.length)return
t.replaceWith(t.node.expressions[0],!0),function(e,t){if(t.isBinary())return"left"===e.key?t.replaceWith(t.node
right):t.replaceWith(t.node.left,!0),function(e,t){if(t.isIfStatement()&&( "consequent" ===e.key||"alternate"
===e.key))"body"===e.key&&(t.isLoop()||t.isArrowFunctionExpression())return
e.replaceWith({type:"BlockStatement",body:[]},!0)},function(e,t,r){use
strict";Object.defineProperty(t, "__esModule", {value: !0}),t.insertBefore=function(e){this._assertUnremoved()
,e=this._verifyNodeList(e);const{parentPath:t}=this;if(t.isExpressionStatement()||t.isLabeledStatement()||t.isExport
NamedDeclaration()||t.isExportDefaultDeclaration()&&this.isDeclaration())return
t.insertBefore(e);if(this.isNodeType( "Expression " )&&!this.isJSXElement()||t.isForStatement()&&"init"===
this.key)return
this.node&&e.push(this.node),this.replaceExpressionWithStatements(e);if(Array.isArray(this.container))return
this._containerInsertBefore(e);if(this.isStatementOrBlock()){const
t=this.node&&( !this.isExpressionStatement() || null != this.node.expression );return
this.replaceWith(a.blockStatement(t?[this.node]:[]),this.unshiftContainer( "body " ,e))throw new Error( "We
don't know what to do with this node type. We were previously a Statement but we can't fit in
here? " )},t._containerInsert=function(e,t){this.updateSiblingKeys(e,t.length);const
r=[];this.container.splice(e,0,...t);for(let n=0;n<t.length;n++){const
t=e+n,i=this.getSibling(t);r.push(i),this.context&&this.context.queue&&i.pushContext(this.context)}const

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n=this._getQueueContexts();for(const e of r){e.setScope(),e.debug(\\\\"Inserted.\\\\"");for(const t of
n)t.maybeQueue(e,!0)}return r},t._containerInsertBefore=function(e){return
this._containerInsert(this.key,e)},t._containerInsertAfter=function(e){return
this._containerInsert(this.key+1,e)},t.insertAfter=function(e){this._assertUnremoved(),e=this._verifyNodeList(e);co
nst{parentPath:t}=this;if(t.isExpressionStatement())|t.isLabeledStatement())|t.isExportNamedDeclaration())|t.isExpor
tDefaultDeclaration())&&this.isDeclaration())return
t.insertAfter(e.map(e=>a.isExpression(e)?a.expressionStatement(e):e));if(this.isNodeType(\\\\"Expression\\\\"))&&!thi
s.isJSXElement())&&!t.isJSXElement())|t.isForStatement())&&\\\\"init\\\\"===this.key){if(this.node){let{scope:r}=this
;t.isMethod({computed:!0,key:this.node})&&(r=r.parent);const
n=r.generateDeclaredUidIdentifier();e.unshift(a.expressionStatement(a.assignmentExpression(\\\\"=\\\\"),a.cloneNode(
n),this.node))),e.push(a.expressionStatement(a.cloneNode(n)))}return
this.replaceExpressionWithStatements(e)}if(Array.isArray(this.container))return
this._containerInsertAfter(e);if(this.isStatementOrBlock()){const
t=this.node&&(!this.isExpressionStatement())|null!=this.node.expression);return
this.replaceWith(a.blockStatement(t?[this.node]:[]),this.pushContainer(\\\\"body\\\\"),e)}throw new Error(\\\\"We don't
know what to do with this node type. We were previously a Statement but we can't fit in
here?\\\\"),t.updateSiblingKeys=function(e,t){if(!this.parent)return;const r=n.path.get(this.parent);for(let
n=0;n<r.length;n++){const
i=r[n];i.key>=e&&(i.key+=t)}},t._verifyNodeList=function(e){if(!e)return[];e.constructor!==Array&&(e=[e]);for(l
et t=0;t<e.length;t++){const r=e[t];let n;if(r?\\\\"object\\\\"!==typeof r?n=\\\\"contains a non-object node\\\\"":r.type?r
instanceof s.default&&(n=\\\\"has a NodePath when it expected a raw object\\\\"):n=\\\\"without a type\\\\"":n=\\\\"has
falsy node\\\\"",n){const e=Array.isArray(r)?\\\\"array\\\\"":typeof r;throw new Error(`Node list ${n} with the index of
${t} and type of ${e}`)}}}return e},t.unshiftContainer=function(e,t){return
this._assertUnremoved(),t=this._verifyNodeList(t),s.default.get({parentPath:this,parent:this.node,container:this.node
[e],listKey:e,key:0})._containerInsertBefore(t)},t.pushContainer=function(e,t){this._assertUnremoved(),t=this._veri
fyNodeList(t);const r=this.node[e];return
s.default.get({parentPath:this,parent:this.node,container:r,listKey:e,key:r.length}).replaceWithMultiple(t),t.hoist=f
unction(e=this.scope){return new i.default(this,e).run()};var
n=r(38),i=l(r(369)),s=l(r(8)),a=function(e){if(e&&e.__esModule)return e;if(null===e|\\\\"object\\\\"!==typeof
e&&\\\\"function\\\\"!==typeof e)return{default:e};var t=o();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get|s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0));function o(){if(\\\\"function\\\\"!==typeof WeakMap)return null;var e=new
WeakMap;return o=function(){return e},e}function l(e){return
e&&e.__esModule?e:{default:e}},function(e,t,r){\\\\"use
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\"",{value:!0}),t.default=void 0;var
n=function(e){if(e&&e.__esModule)return e;if(null===e|\\\\"object\\\\"!==typeof e&&\\\\"function\\\\"!==typeof
e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get|a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if(\\\\"function\\\\"!==typeof WeakMap)return null;var e=new
WeakMap;return i=function(){return e},e}const
s={ReferencedIdentifier(e,t){if(e.isJSXIdentifier())&&n.react.isCompatTag(e.node.name)&&!e.parentPath.isJSXMe
mberExpression())return;if(\\\\"this\\\\"===e.node.name){let
r=e.scope;do{if(r.path.isFunction())&&!r.path.isArrowFunctionExpression()}while(r=r.parent);r&&t.breakOn
ScopePaths.push(r.path)}const r=e.scope.getBinding(e.node.name);if(r){for(const n of

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r.constantViolations)if(n.scope!==r.path.scope)return t.mutableBinding=!0,void
e.stop();r===t.scope.getBinding(e.node.name)&&(t.bindings[e.node.name]=r)};t.default=class{constructor(e,t){th
is.breakOnScopePaths=[],this.bindings={},this.mutableBinding=!1,this.scopes=[],this.scope=t,this.path=e,this.attac
hAfter=!1}isCompatibleScope(e){for(const t of Object.keys(this.bindings)){const
r=this.bindings[t];if(!e.bindingIdentifierEquals(t.r.identifier))return!1}return!0}getCompatibleScopes(){let
e=this.path.scope;do{if(!this.isCompatibleScope(e))break;if(this.scopes.push(e),this.breakOnScopePaths.indexOf(e
.path)>=0)break}while(e=e.parent)}getAttachmentPath(){let e=this._getAttachmentPath();if(!e)return;let
t=e.scope;if(t.path===e&&(t=e.scope.parent),t.path.isProgram()||t.path.isFunction())for(const r of
Object.keys(this.bindings)){if(!t.hasOwnBinding(r))continue;const
n=this.bindings[r];if(\\\\"param\\\\"!==n.kind&&\\\\"params\\\\"!==n.path.parentKey&&this.getAttachmentParentForPa
th(n.path).key>=e.key){this.attachAfter=!0,e=n.path;for(const t of
n.constantViolations)this.getAttachmentParentForPath(t).key>e.key&&(e=t)}return e}_getAttachmentPath(){const
e=this.scopes.pop();if(e)if(e.path.isFunction()){if(!this.hasOwnParamBindings(e))return
this.getNextScopeAttachmentParent();}if(this.scope===e)return;const
t=e.path.get(\\\\"body\\\\").get(\\\\"body\\\\"");for(let e=0;e<t.length;e++)if(!t[e].node._blockHoist)return t[e]}else
if(e.path.isProgram())return this.getNextScopeAttachmentParent()}getNextScopeAttachmentParent(){const
e=this.scopes.pop();if(e)return
this.getAttachmentParentForPath(e.path)}getAttachmentParentForPath(e){do{if(!e.parentPath||Array.isArray(e.cont
ainer)&&e.isStatement())return e}while(e=e.parentPath)}hasOwnParamBindings(e){for(const t of
Object.keys(this.bindings)){if(!e.hasOwnBinding(t))continue;const
r=this.bindings[t];if(\\\\"param\\\\"===r.kind&&r.constant)return!0}return!1}run(){if(this.path.traverse(s,this),this.mu
tableBinding)return;this.getCompatibleScopes();const
e=this.getAttachmentPath();if(!e)return;if(e.getFunctionParent()===this.path.getFunctionParent())return;let
t=e.scope.generateUidIdentifier(\\\\"ref\\\\"");const
r=n.variableDeclarator(t,this.path.node),i=this.attachAfter?\\\\"insertAfter\\\\":\\\\"insertBefore\\\\",[a]=e[i]([e.isVariabl
eDeclarator()?r:n.variableDeclaration(\\\\"var\\\\",[r])),o=this.path.parentPath;return
o.isJSXElement()&&this.path.container===o.node.children&&(t=n.JSXExpressionContainer(t),this.path.replaceWi
th(n.cloneNode(t)),e.isVariableDeclarator()?a.get(\\\\"init\\\\""):a.get(\\\\"declarations.0.init\\\\"))},function(e,t,r){\\\\"us
e
strict\\\\";Object.defineProperty(t,\\\\"__esModule\\\\",{value:!0}),t.getOpposite=function(){if(\\\\"left\\\\"===this.key)r
eturn this.getSibling(\\\\"right\\\\"");if(\\\\"right\\\\"===this.key)return
this.getSibling(\\\\"left\\\\"")},t.getCompletionRecords=function(){let
e=[];if(this.isIfStatement())e=o(this.get(\\\\"consequent\\\\""),e),e=o(this.get(\\\\"alternate\\\\""),e);else
if(this.isDoExpression()||this.isFor()||this.isWhile())e=o(this.get(\\\\"body\\\\""),e);else
if(this.isProgram()||this.isBlockStatement())e=o(this.get(\\\\"body\\\\"").pop(),e);else{if(this.isFunction())return
this.get(\\\\"body\\\\"").getCompletionRecords();this.isTryStatement()?(e=o(this.get(\\\\"block\\\\""),e),e=o(this.get(\\\\"ha
ndler\\\\""),e)):this.isCatchClause()?e=o(this.get(\\\\"body\\\\""),e):this.isSwitchStatement()?e=function(e,t){let
r=!0;for(let n=e.length-1;n>=0;n--){const i=e[n].get(\\\\"consequent\\\\"");let
s=l(i);if(s){for(;0===s.key&&s.parentPath.isBlockStatement();)=s.parentPath;const
e=s.getPrevSibling();s.key>0&&(e.isExpressionStatement()||e.isBlockStatement())?(t=o(e,t),s.remove()):s.replace
With(s.scope.buildUndefinedNode(),t=o(s,t))}else if(r){const
e=t=>!t.isBlockStatement()||t.get(\\\\"body\\\\"").some(e);i.some(e)&&(t=o(i[i.length-1],t),r=!1)}return
t}(this.get(\\\\"cases\\\\""),e):e.push(this)}return e},t.getSibling=function(e){return
i.default.get({parentPath:this.parentPath,parent:this.parent,container:this.container,listKey:this.listKey,key:e})},t.get
PrevSibling=function(){return this.getSibling(this.key-1)},t.getNextSibling=function(){return
this.getSibling(this.key+1)},t.getAllNextSiblings=function(){let e=this.key,t=this.getSibling(++e);const
r=[];for(;t.node;)r.push(t),t=this.getSibling(++e);return r},t.getAllPrevSiblings=function(){let
e=this.key,t=this.getSibling(--e);const r=[];for(;t.node;)r.push(t),t=this.getSibling(--e);return

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r,t.get=function(e,t){!0===t&&(t=this.context);const r=e.split("\\\\\\".\\\\"");return
l===r.length?this._getKey(e,t):this._getPattern(r,t),t._getKey=function(e,t){const r=this.node,n=r[e];return
Array.isArray(n)?n.map((s,a)=>i.default.get({listKey:e,parentPath:this,parent:r,container:n,key:a}).setContext(t)):i.d
efault.get({parentPath:this,parent:r,container:r,key:e}).setContext(t),t._getPattern=function(e,t){let r=this;for(const
n of e)r=\\\\\\".\\\\\\"===n?r.parentPath:Array.isArray(r)?r[n]:r.get(n,t);return
r},t.getBindingIdentifiers=function(e){return
s.getBindingIdentifiers(this.node,e)},t.getOuterBindingIdentifiers=function(e){return
s.getOuterBindingIdentifiers(this.node,e)},t.getBindingIdentifierPaths=function(e=!1,t=!1){let
r=[];r.concat(this);const n=Object.create(null);for(;r.length;){const i=r.shift();if(!i)continue;if(!i.node)continue;const
a=s.getBindingIdentifiers.keys[i.node.type];if(i.isIdentifier())if(e){(n[i.node.name]=n[i.node.name]||[]).push(i)}else
n[i.node.name]=i;else if(i.isExportDeclaration()){const
e=i.get(\\\\\\"declaration\\\\\\"");e.isDeclaration()&&r.push(e)}else if(t){if(i.isFunctionDeclaration()){r.push(i.get(\\\\\\"id\\\\\\"
));continue}if(i.isFunctionExpression())continue}if(a)for(let e=0;e<a.length;e++){const
t=a[e],n=i.get(t);(Array.isArray(n)||n.node)&&(r=r.concat(n))}}return
n},t.getOuterBindingIdentifierPaths=function(e){return this.getBindingIdentifierPaths(e,!0)};var
n,i=(n=r(8))&&n.__esModule?:{default:n},s=function(e){if(e&&e.__esModule)return
e;if(null===e||\\\\\\"object\\\\\\"!=typeof e&&\\\\\\"function\\\\\\"!=typeof e)return{default:e};var t=a();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0));function a(){if(\\\\\\"function\\\\\\"!=typeof WeakMap)return null;var e=new
WeakMap;return a=function(){return e},e}function o(e,t){return e?t.concat(e.getCompletionRecords()):t}function
l(e){let t;Array.isArray(e)||(e=[e]);for(const i of
e){if(i.isDoExpression()||i.isProgram()||i.isBlockStatement()||i.isCatchClause()||i.isLabeledStatement())t=l(i.get(\\\\\\"b
ody\\\\\\"));else if(i.isIfStatement()){var r;t=null!=(r=l(i.get(\\\\\\"consequent\\\\\\")))?r:l(i.get(\\\\\\"alternate\\\\\\"))}else
if(i.isTryStatement()){var n;t=null!=(n=l(i.get(\\\\\\"block\\\\\\")))?n:l(i.get(\\\\\\"handler\\\\\\"))}else
i.isBreakStatement()&&(t=i);if(t)return t}return null}},function(e,t,r){\\\\\\"use
strict\\\\\\";Object.defineProperty(t,\\\\\\"__esModule\\\\\\",{value:!0}),t.shareCommentsWithSiblings=function(){if(\\\\\\"stri
ng\\\\\\"==typeof this.key)return;const e=this.node;if(!e)return;const
t=e.trailingComments,r=e.leadingComments;if(!t&&!r)return;const n=this.getSibling(this.key-
1),i=this.getSibling(this.key+1),s=Boolean(n.node),a=Boolean(i.node);s&&!a?n.addComments(\\\\\\"trailing\\\\\\"",t):a&
&!s&&i.addComments(\\\\\\"leading\\\\\\"",r),t.addComment=function(e,t,r){n.addComment(this.node,e,t,r)},t.addCom
ments=function(e,t){n.addComments(this.node,e,t)};var n=function(e){if(e&&e.__esModule)return
e;if(null===e||\\\\\\"object\\\\\\"!=typeof e&&\\\\\\"function\\\\\\"!=typeof e)return{default:e};var t=i();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if(\\\\\\"function\\\\\\"!=typeof WeakMap)return null;var e=new
WeakMap;return i=function(){return e},e},function(e,t,r){\\\\\\"use
strict\\\\\\";Object.defineProperty(t,\\\\\\"__esModule\\\\\\",{value:!0}),t.explode=o,t.verify=l,t.merge=function(e,t=[],r){co
nst n={};for(let i=0;i<e.length;i++){const s=e[i],a=t[i];o(s);for(const e of Object.keys(s)){let
t=s[e];(a||r)&&(t=p(t,a,r)),f(n[e]=n[e]||[],t)}return n};var n=a(r(63)),i=a(r(0));function
s(){if(\\\\\\"function\\\\\\"!=typeof WeakMap)return null;var e=new WeakMap;return s=function(){return e},e}function
a(e){if(e&&e.__esModule)return e;if(null===e||\\\\\\"object\\\\\\"!=typeof e&&\\\\\\"function\\\\\\"!=typeof
e)return{default:e};var t=s();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
a=n?Object.getOwnPropertyDescriptor(e,i):null;a&&(a.get||a.set)?Object.defineProperty(r,i,a):r[i]=e[i]}return

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r.default=e,t&&t.set(e,r),r}function o(e){if(e._exploded)return e;e._exploded=!0;for(const t of
Object.keys(e)){if(h(t))continue;const r=t.split("\\\\");if(1===r.length)continue;const n=e[t];delete e[t];for(const t
of r)e[t]=n}l(e),delete e.__esModule,function(e){for(const t of Object.keys(e)){if(h(t))continue;const
r=e[t];\\"function\\"===typeof r&&(e[t]={enter:r}})(e),u(e);for(const t of Object.keys(e)){if(h(t))continue;const
r=n[t];if(!r)continue;const i=e[t];for(const e of Object.keys(i))i[e]=d(r,i[e]);if(delete e[t],r.types)for(const t of
r.types)e[t]?f(e[t],i):e[t]=i;else f(e,i)}for(const t of Object.keys(e)){if(h(t))continue;const r=e[t];let
n=i.FLIPPED_ALIAS_KEYS[t];const s=i.DEPRECATED_KEYS[t];if(s&&(console.trace(`Visitor defined for ${t}
but it has been renamed to ${s}`),n=[s],n){delete e[t];for(const t of n){const
n=e[t];n?f(n,r):e[t]=Object.assign({},r)}}}for(const t of Object.keys(e))h(t)||u(e[t]);return e}function
l(e){if(!e._verified){if("\\\\function\\"===typeof e)throw new Error("\\\\You passed `traverse()` a function when it
expected a visitor object, are you sure you didn't mean ` enter: Function `?\\");for(const t of
Object.keys(e)){if("\\\\enter\\"!==t&&\\"exit\\"!==t||c(t,e[t],h(t))continue;if(i.TYPES.indexOf(t)<0)throw new
Error(` You gave us a visitor for the node type ${t} but it's not a valid type`);const r=e[t];if("\\\\object\\"===typeof
r)for(const e of Object.keys(r)){if("\\\\enter\\"!==e&&\\"exit\\"!==e)throw new Error(` You passed
\\\\`traverse()\\\\` a visitor object with the property ${t} that has the invalid property
${e}`);c(`${t}.${e}`,r[e])}e._verified=!0}}function c(e,t){const r=[];for(const t of
r)if("\\\\function\\"!==typeof t)throw new TypeError(` Non-function found defined in ${e} with type ${typeof
t}`)}function p(e,t,r){const n={};for(const i of Object.keys(e)){let
s=e[i];Array.isArray(s)&&(s=s.map((function(e){let n=e;return t&&(n=function(r){return
e.call(t,r,t)},r&&(n=r.key,i,n),n!==e&&(n.toString()=>e.toString()),n[i]=s)}return n)}function
u(e){e.enter&&!Array.isArray(e.enter)&&(e.enter=[e.enter]),e.exit&&!Array.isArray(e.exit)&&(e.exit=[e.exit])}fu
nction d(e,t){const r=function(r){if(e.checkPath(r))return t.apply(this,arguments)};return
r.toString()=>t.toString(),r}function
h(e){return\\"_\\"===e[0]||\\"enter\\"===e||\\"exit\\"===e||\\"shouldSkip\\"===e||\\"denylist\\"===e||\\"noSc
ope\\"===e||\\"skipKeys\\"===e||\\"blacklist\\"===e)}function f(e,t){for(const r of
Object.keys(t))e[r]=[];function(e,t,r){\\"use
strict\\";Object.defineProperty(t,\\"__esModule\\",{value:!0}),t.default=void
0;t.default=class{getCode(){getScope(){addHelper(){throw new Error("\\\\Helpers are not supported by the
default hub.\\")}}buildError(e,t,r=TypeError){return new r(t)}}},function(e,t,r){var n,i,s;!function(r,a){\\"use
strict\\";i=[],void 0===s||(s=\\\\"function\\"===typeof(n=function(){function e(e){return
e.charAt(0).toUpperCase()+e.substring(1)}function t(e){return function(){return this[e]}}var
r=[\\"isConstructor\\",\\"isEval\\",\\"isNative\\",\\"isToplevel\\",n=[\\"columnNumber\\",\\"lineNumber\\",i
=[\\"fileName\\",\\"functionName\\",\\"source\\",s=r.concat(n,i,[\\"args\\"]);function a(t){if(t)for(var
r=0;r<s.length;r++)void 0!==t[s[r]]&&this[\\"set\\"+e(s[r])](t[s[r]])}a.prototype={getArgs:function(){return
this.args},setArgs:function(e){if("\\\\[object Array]\\\\"!==Object.prototype.toString.call(e))throw new
TypeError("\\\\Args must be an Array\\");this.args=e},getEvalOrigin:function(){return
this.evalOrigin},setEvalOrigin:function(e){if(e instanceof a)this.evalOrigin=e;else{if(!(e instanceof Object))throw
new TypeError("\\\\Eval Origin must be an Object or StackFrame\\");this.evalOrigin=new
a(e)}},toString:function(){var
e=this.getFileName()||\\"\\",t=this.getLineNumber()||\\"\\",r=this.getColumnNumber()||\\"\\",n=this.getFunctionN
ame()||\\"\\";return this.getIsEval()?e[\\\\"[eval]
(\\\\"+e+\\\\"":\\\\""+t+\\\\"":\\\\""+r+\\\\"")\\\\"":\\\\"[eval]:\\\\""+t+\\\\"":\\\\""+r:n+\\\\"
(\\\\"+e+\\\\"":\\\\""+t+\\\\"":\\\\""+r+\\\\"")\\\\"":e+\\\\"":\\\\""+t+\\\\"":\\\\""+r}}},a.fromString=function(e){var
t=e.indexOf("\\\\(\\\\"),r=e.lastIndexOf("\\\\)\\\\"),n=e.substring(0,t),i=e.substring(t+1,r).split("\\\\,\\\\"),s=e.substring(r+1)
;if(0===s.indexOf("\\\\@\\\\"))var o=/@(.+)?(?::(\\\\"d+))?(?::(\\\\"d+))?$/.exec(s,\\\\"\\\\"),l=o[1],c=o[2],p=o[3];return
new a({functionName:n,args:i||void 0,fileName:l,lineNumber:c||void 0,columnNumber:p||void 0});for(var
o=0;o<r.length;o++)a.prototype[\\"get\\"+e(r[o])]=t(r[o]),a.prototype[\\"set\\"+e(r[o])]=function(e){return
function(t){this[e]=Boolean(t)}}(r[o]);for(var

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l=0;l<n.length;l++)a.prototype[["get"+e(n[l])]=t(n[l]),a.prototype[["set"+e(n[l])]=function(e){return
function(t){if(r=t,isNaN(parseFloat(r))||!isFinite(r))throw new TypeError(e+" must be a Number");var
r,this[e]=Number(t)}(n[l]);for(var
c=0;c<i.length;c++)a.prototype[["get"+e(i[c])]=t(i[c]),a.prototype[["set"+e(i[c])]=function(e){return
function(t){this[e]=String(t)}(i[c]);return a}?n.apply(t,i:n)|(e.exports=s)}),function(e,t,r){["use
strict";r.r(t),r.d(t,["parseSourceAndMetadata"],(function(){return
W}))},r.d(t,["purgeCachedMetadata"],(function(){return X}));var n=r(60),i=r(61),s=r.n(i);const a={"--font-size-
monospace-small":9px,"--font-size-monospace-normal":11px,"--font-size-monospace-
large":15px,"--font-size-sans-small":10px,"--font-size-sans-normal":12px,"--font-
size-sans-large":14px,"--line-height-data":18px},o=(parseInt({"--font-size-monospace-
small":10px,"--font-size-monospace-normal":13px,"--font-size-monospace-
large":17px,"--font-size-sans-small":12px,"--font-size-sans-normal":14px,"--font-
size-sans-large":16px,"--line-height-data":22px})["--line-height-data"],10),parseInt(a["--
line-height-data"],10),["undefined"]!=typeof performance&&["function"]==typeof
performance.mark&&performance.clearMarks,["undefined"]!=typeof performance&&["function"]==typeof
performance.now);function l(){return o?performance.now():Date.now()}function c(e,t,r){const n=l();const
i=t();if(null!=r){r(l()-n)}return i}var p=r(17),u=r.n(p);r(0);const
d=Object.freeze({PROGRAM:"Program",CALL_EXPRESSION:"CallExpression",MEMBER_EXPRESSION:"MemberExpression",
ARRAY_PATTERN:"ArrayPattern",IDENTIFIER:"Identifier",NUMERIC_LITERAL:"NumericLiteral",VARIABLE_DECLARATOR:"VariableDeclarator"});function
h(e,t,r=null){const{start:n,end:i}=e.node.loc;return t===n.line&&!(null!=r&&(r-
=1,t===n.line&&r<n.column||t===i.line&&r>i.column))}function f(e){return
e.node.init.property.type===d.NUMERIC_LITERAL&&0===e.node.init.property.value}function m(e,t,r){let
n=[];return!function(e){const
t=e.node.id;if(t.type===d.ARRAY_PATTERN||t.type===d.IDENTIFIER&&!x(e))return!0;return!1}(e)?n=t.filter(t
=>function(e,t){const r=e.node.id.name;return
null!=r&&(r===(t.node.init.object&&t.node.init.object.name)||r===t.node.init.name)}(e,t)):n.unshift(e),n}function
y(e,t,r,n,i){const s=c(0,()=>function(e){const t=[];return
c(0,()=>u)(e,{enter(e){e.isVariableDeclarator()}&&function(e){const
t=e.node.init;if(null!=t){if(t.type===d.CALL_EXPRESSION){return
g(t.callee)}if(t.type===d.MEMBER_EXPRESSION||t.type===d.IDENTIFIER)return!0}return!1}(e)&&t.push(e)}
)),t}(t));let a=null;if(0===i){const e=s.filter(e=>{const t=h(e,n),r=b(e);return t&&r});1===e.length&&(a=e[0])}else
a=s.find(e=>{const t=h(e,n,i),r=b(e);return t&&r});if(!a)return null;try{const t=c(0,()=>m(a,s));return
c(0,()=>function(e,t,r){let n;const i=null===e.id;switch(t.length){case
1:if(i&&t[0]===r){n=T(r,i);break}n=T(t[0]);break;case 2:if(1!==(t=t.filter(e=>f(e))).length)throw new
Error("Couldn't isolate AST Node containing hook variable.");n=T(t[0]);break;default:n=T(r)}return
n}(e,t,a))}catch(e){return console.error(e),null}}function T(e,t=!1){var r,n;switch(e.node.id.type){case
d.ARRAY_PATTERN:return t?null:null!==(r=null===(n=e.node.id.elements[0])||void 0===n?void
0:n.name)&&void 0!==(r=r.null);case d.IDENTIFIER:return e.node.id.name;default:return null}}function b(e){const
t=e.node.init;return null!=t&&t.type===d.CALL_EXPRESSION&&g(t.callee)}function
g(e){if(e.type===d.IDENTIFIER)return t=e.name,/^[A-Z0-
9].*$/i.test(t);if(e.type===d.MEMBER_EXPRESSION&&!e.computed&&g(e.property)){const t=e.object,r=/^[A-
Z].*/i.test(t.type===d.IDENTIFIER&&r.test(t.name)}return!1;var t}function S(e,t){return
e.name===t||["MemberExpression"]===e.type&&["React"]===e.object.name&&e.property.name===t}functio
n x(e){const t=e.node.init.callee;return S(t,["useState"])||S(t,["useReducer"])||S(t,["useTransition"])}var
E=r(129),P=r.n(E),v=r(62),A=r.n(v);let w=null;new WeakMap;function
O({fileName:e,lineNumber:t,columnNumber:r}){if(null==e||null==t||null==r)throw Error("Hook source code
location not found.");return`$ {e}:$ {t}:$ {r}`}for(var

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I=r(21),C={},N=\\\\"ABCDEF\\GHIJKL\\MNOPQR\\STUVW\\XYZabc\\defghij\\klmnopq\\rstuvw\\xyz0123456789+/=\\\\"k=
0;k<N.length;k++)C[N.charCodeAt(k)]=k;function D(e){for(var
t=[],r=[],n=[0,0,0,0,0],i=0,s=0,a=0,o=0;s<e.length;s++){var l=e.charCodeAt(s);if(44===l)_(r,n,i),i=0;else
if(59===l)_(r,n,i),i=0,t.push(r),r=[],n[0]=0;else{var c=C[l];if(void 0===c)throw new Error(\\\\"Invalid character
(\\\\"+String.fromCharCode(l)+\\\\"))\\\\";var p=32&c;if(o+=(c&=31)<<a,p)a+=5;else{var
u=1&o;o>>>=1,u&&(o=0===o?-2147483648:-o),n[i]+=o,i++,o=a=0}}return _(r,n,i),t.push(r),t}function
_(e,t,r){4===r?e.push([t[0],t[1],t[2],t[3]]):5===r?e.push([t[0],t[1],t[2],t[3],t[4]]):1===r&&e.push([t[0]])}function
L(e,t){const{name:r,mappings:n}=t,i=M(e,n,j);if(null===i)throw new Error(\\\\"Expected to find a line in the HookMap
that covers the target location at line: ${e.line}, column: ${e.column}\\");let s;if(s=R(i)!==e.line?i[i.length-
1]:M(e,i,F),null==s)throw new Error(\\\\"Expected to find a mapping in the HookMap that covers the target location at
line: ${e.line}, column: ${e.column}\\");const a=function(e){const t=e[2];if(null===t)throw new Error(\\\\"Unexpected
hook name index missing in entry in HookMap\\");return t}(s);if(null===a)throw new Error(\\\\"Expected to find a
name index in the HookMap that covers the target location at line: ${e.line}, column: ${e.column}\\");const
o=r[a];if(null===o)throw new Error(\\\\"Expected to find a name in the HookMap that covers the target location at line:
${e.line}, column: ${e.column}\\");return\\\\"<no-hook>\\\\"===o?null:o}function M(e,t,r){let
n,i=t.length,s=0,a=0;for(;i>0;){s=a,n=Math.floor(i/2),s+=n;const
o=r(e,t,s);if(0===o.direction){if(null===o.index)throw new Error(\\\\"Expected an index when matching element is
found.\\\\");a=o.index;break}o.direction>0?(s++,a=s,i=-n+1):i=-n}return null!=a?t[a]:null}function j(e,t,r){const
n=r,i=t[n];if(null===i)throw new Error(\\\\"Unexpected line missing in HookMap at index ${r}.\\");const s=R(i);let
a,o=r+1;const l=t[o];return
null!=l?a=R(l):(o=n,a=s),s===e.line?{index:n,direction:0}:a===e.line|e.line>a&&null==l?{index:o,direction:0}:s<
e.line&&e.line<a?{index:n,direction:0}:{index:null,direction:e.line-s}}function F(e,t,r){const
n=r,i=t[r];if(null===i)throw new Error(\\\\"Unexpected mapping missing in HookMap line at index ${r}.\\");const
s=B(i);let a,o=r+1;const l=t[o];return
null!=l?a=B(l):(o=n,a=s),s===e.column?{index:n,direction:0}:a===e.column|e.column>a&&null==l?{index:o,dire
ction:0}:s<e.column&&e.column<a?{index:n,direction:0}:{index:null,direction:e.column-s}}function R(e){return
function(e){const t=e[0];if(null===t)throw new Error(\\\\"Unexpected line number missing in entry in
HookMap\\");return t}(e[0])}function B(e){const t=e[1];if(null===t)throw new Error(\\\\"Unexpected column number
missing in entry in HookMap\\");return t}function U(e,t){const{sourceRoot:r}=t;let n=e;return
n=String(n),n=I.normalize(n),n=null!=r&&I.isAbsolute(r)&&I.isAbsolute(n)?I.relative(r,n):I.computeSourceURL(
r,n)}class V{constructor(e){this._sourceMap=e,this._decodedHookMapCache=new
Map,this._metadataBySource=null}hookNameFor({line:e,column:t,source:r}){if(null===r)return null;const
n=this._getHookMapForSource(r);return null==n?null:L({line:e,column:t},n)}hasHookMap(e){return
null!=e&&null!=this._getHookMapForSource(e)}_getMetadataBySource(){return
null==this._metadataBySource&&(this._metadataBySource=this._getMetadataObjectsBySourceNames(this._source
Map)),this._metadataBySource}_getMetadataObjectsBySourceNames(e){if(void 0===e.mappings){const
t=e,r=new Map;return
t.sections.forEach(e=>{this._getMetadataObjectsBySourceNames(e.map).forEach((e,t=>{r.set(t,e)})),r}const
t=new Map,r=e,n=(e,n)=>{let
i=r.sources[n];null!=i&&(i=U(i,r),t.set(i,e));if(e.hasOwnProperty(\\\\"x_react_sources\\\\"))&&null!=e.x_react_sour
ces){e.x_react_sources.filter(Boolean).forEach(n)}else
if(e.hasOwnProperty(\\\\"x_facebook_sources\\\\"))&&null!=e.x_facebook_sources){const
t=e.x_facebook_sources;null!=t&&t.forEach((e,t)=>{const r=null!=e?e[1]:null;null!=r&&n(r,t)})}return
t}_getHookMapForSource(e){if(this._decodedHookMapCache.has(e))return
this._decodedHookMapCache.get(e);let t=null;const
r=this._getMetadataBySource(),n=U(e,this._sourceMap),i=r.get(n);if(null!=i){const
e=i[0];t=null!=e?function(e){return{name:e.names,mappings:D(e.mappings)}}(e):null}return
null!=t&&this._decodedHookMapCache.set(e,t,t)}function K(e){return null!=e.sections?function(e){let t={line:-

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1,column:0};const r=e.sections.map(e=>{ const
r=e.offset,n=r.line,i=r.column;if(n<t.line||n===t.line&&i<t.column)throw new Error(\\\\"Section offsets must be
ordered and non-overlapping.\\");return
t=r,{ generatedLine:n+1,generatedColumn:i+1,map:e.map,sourceMapConsumer:null });return{ originalPositionFor:
function({ columnNumber:e,lineNumber:t}){ const n=e-1;let i=null,s=0,a=r.length-1,o=-
1;for(;s<=a;){ o=Math.floor((a+s)/2),i=r[o];const e=i.generatedLine;if(e===t){ const
e=i.generatedColumn;if(e===t)break;if(e>n){ if(!(a-o>0)){ o=a;break }a=o} else { if(!(o-s>0)){ o=s;break }s=o } } else
if(e>t){ if(!(a-o>0)){ o=a;break }a=o} else { if(!(o-s>0)){ o=s;break }s=o } } if(null===i)throw Error(` Could not find
matching section for line:${t} and column:${e} `);return
null===i.sourceMapConsumer&&(i.sourceMapConsumer=new
K(i.map)),i.sourceMapConsumer.originalPositionFor({ columnNumber:e,lineNumber:t} ) } } (e):function(e){ const
t=c(0,()=>D(e.mappings));return{ originalPositionFor:function({ columnNumber:r,lineNumber:n}){ var i;const s=r-
1,a=t[n-1];let o=null,l=0,c=a.length-1,p=-1;for(;l<=c;){ p=Math.floor((c+l)/2),o=a[p];const
e=o[0];if(e===s)break;if(e>s){ if(!(c-p>0)){ p=c;break }c=p} else { if(!(p-l>0)){ p=l;break }l=p } } for(;p>0;){ if(a[p-
1][0]!==s)break;p-- } if(null===o)throw Error(` Could not find runtime location for line:${n} and column:${r} `);const
u=o[1],d=null!=e.sourcesContent?e.sourcesContent[u]:null,h=null!==(i=e.sources[u])&&void
0!==(i?:null,f=o[2]+1,m=o[3]);if(null===d||null===h)throw Error(` Could not find original source for line:${n} and
column:${r} `);return{ column:m,line:f,sourceContent:d,sourceURL:h } } } (e) const q=new s.a({ max:50}),Y=new
s.a({ max:50,dispose:(e,t)=>{0 } });const W=async function(e,t){ return async function(e,t,r){ const n=l(),i=await
t();if(null!=r){ r(l()-n) } return i } (0,async)=>{ const r=c(0,()=>function(e){ const t=new Map;return
e.forEach((e,r)=>{ t.set(r, { metadataConsumer:null,originalSourceAST:null,originalSourceCode:null,originalSource
URL:null,originalSourceLineNumber:null,originalSourceColumnNumber:null,sourceMapConsumer:null } ) } ),t)(t);r
eturn c(0,()=>function(e,t){ e.forEach((e,r)=>{ const n=t.get(r);if(null===n)throw Error(` Expected to find
HookParsedMetadata for
\\\\"$ {r} \\\\"`);const { runtimeSourceURL:i,sourceMapJSON:s } =e,a=q.get(i);if(null!=a)n.metadataConsumer=a.metada
taConsumer,n.sourceMapConsumer=a.sourceMapConsumer;else if(null!=s){ const e=c(0,()=>K(s)),t=c(0,()=>new
V(s));n.metadataConsumer=t,n.sourceMapConsumer=e,q.set(i, { metadataConsumer:t,sourceMapConsumer:e } ) } } ) (t
,r),c(0,()=>function(e,t){ e.forEach((e,r)=>{ const i=t.get(r);if(null===i)throw Error(` Expected to find
HookParsedMetadata for
\\\\"$ {r} \\\\"`);if(null!=i.originalSourceAST)return;if(null!=i.originalSourceURL&&null!=i.originalSourceCode&&
null!=i.originalSourceColumnNumber&&null!=i.originalSourceLineNumber)return;const { lineNumber:s,columnNu
mber:a } =e.hookSource;if(null===s||null===a)throw Error(\\\\"Hook source code location not
found.\\");const { metadataConsumer:o,sourceMapConsumer:l } =i,p=e.runtimeSourceCode;let
u,d,h,f,m=!1;if(function(){ if(null===w)try { A() },w=!1 } catch(e){ P.a.parse(e)[0].lineNumber===v.SOURCE_STAC
K_FRAME_LINE_NUMBER&&(w!=0) } return!0===w } ( ) || null===l)h=a,f=s,d=p,u=e.runtimeSourceURL;else { const
{ column:e,line:t,sourceContent:r,sourceURL:n } =l.originalPositionFor({ columnNumber:a,lineNumber:s });h=e,f=t,
d=r,u=n} if(i.originalSourceCode=d,i.originalSourceURL=u,i.originalSourceLineNumber=f,i.originalSourceColumn
Number=h,null!=o&&o.hasHookMap(u)&&(m!=0),m)return void 0;const
y=Y.get(u);if(null!=y)i.originalSourceAST=y.originalSourceAST,i.originalSourceCode=y.originalSourceCode;else
try { const
e=d.indexOf(\\\\"@flow\\\\">0?\\\\"flow\\\\" : \\\\"typescript\\\\" ,t=c(0,()=>Object(n.parse)(d, { sourceType:\\\\"unambiguo
us\\\\" ,plugins:[\\\\"jsx\\\\" ,e ] } ));i.originalSourceAST=t,Y.set(u, { originalSourceAST:t,originalSourceCode:d } )} catch(e
){ throw new Error(` Failed to parse source file: $ {u} \\\\"n\\\\"nOriginal error: ` +e) } } (t,r),c(0,()=>function(e,t){ const
r=new Map;return e.map(e=>{ const n=e.hookSource;if(!n.fileName)return null;const i=O(n),s=t.get(i);if(!s)return
null;const { lineNumber:a,columnNumber:o } =n;if(!a||!o)return
null;const { originalSourceURL:l,originalSourceColumnNumber:p,originalSourceLineNumber:u } =s;if(null===u||null=
=p||null===l)return null;let
d;const { metadataConsumer:h } =s,null!=h&&(d=c(0,()=>h.hookNameFor({ line:u,column:p,source:l } ))),null===d&&(

```

```
d=c(0,()=>y(e,s.originalSourceAST,s.originalSourceCode,u,p));const
f=O(n;r.set(f,d)),r}(e,r)}),X=function(){Y.reset(),q.reset()};addEventListener(\\\"message\\\",(function(e){var
r,n=e.data,i=n.type,s=n.method,a=n.id,o=n.params;\\\"RPC\\\"===i&&s&&((r=t[s]?Promise.resolve().then((functio
n(){return r.apply(t,o)})):Promise.reject(\\\"No such
method\\\"))).then((function(e){postMessage({type:\\\"RPC\\\",id:a,result:e}))).catch((function(e){var
t={message:e};e.stack&&(t.message=e.message,t.stack=e.stack,t.name=e.name),postMessage({type:\\\"RPC\\\",id:a
,error:t}))))),postMessage({type:\\\"RPC\\\",method:\\\"ready\\\"}));\\n//#
sourceMappingURL=parseSourceAndMetadata.worker.worker.js.map\")), { name:
\\\"parseSourceAndMetadata.worker.worker.js\\\" })\\n\\t\\t\\t\\taddMethods(w, methods)\\n\\t\\t\\t\\t\\n\\t\\t\\t\\treturn
w\\n\\t\\t\\t\\t\\n\\t\\t\\t\", \"/*\\n * Copyright (c) Facebook, Inc. and its affiliates.\\n *\\n * This source code is licensed under
the MIT license found in the\\n * LICENSE file in the root directory of this source tree.\\n *\\n * @flow strict-local\\n
*\\n\\nimport type {\\n BasicSourceMap,\\n MixedSourceMap,\\n IndexSourceMap,\\n } from
 './SourceMapTypes';\\n\\nexport function sourceMapIncludesSource(\\n sourcemap: MixedSourceMap,\\n source:
?string,\\n): boolean {\\n if (source == null) {\\n return false;\\n }\\n if (sourcemap.mappings === undefined) {\\n
const indexSourceMap: IndexSourceMap = sourcemap;\\n return indexSourceMap.sections.some(section => {\\n
return sourceMapIncludesSource(section.map, source);\\n });\\n }\\n\\n const basicMap: BasicSourceMap =
sourcemap;\\n return basicMap.sources.some(\\n s => s === 'Inline Babel script' || source.endsWith(s),\\n
);\\n}\\n\", \"/*\\n * Copyright (c) Facebook, Inc. and its affiliates.\\n *\\n * This source code is licensed under the MIT
license found in the\\n * LICENSE file in the root directory of this source tree.\\n *\\n * @flow\\n *\\n\\n// Parsing
source and source maps is done in a Web Worker\\n// because parsing is CPU intensive and should not block the UI
thread.\\n// Fetching source and source map files is intentionally done on the UI thread\\n// so that loaded source
files can reuse the browser's Network cache.\\n// Requests made from within an extension do not share the page's
Network cache,\\n// but messages can be sent from the UI thread to the content script\\n// which can make a request
from the page's context (with caching).\\n// Some overhead may be incurred sharing (serializing) the loaded data
between contexts,\\n// but less than fetching the file to begin with,\\n// and in some cases we can avoid serializing the
source code at all\\n// (e.g. when we are in an environment that supports our custom metadata format).\\n// The
overall flow of this file is such:\\n// 1. Find the Set of source files defining the hooks and load them all.\\n// Then for
each source file, do the following:\\n// a. Search loaded source file to see if a source map is available.\\n// If
so, load that file and pass it to a Worker for parsing.\\n// The source map is used to retrieve the original
source,\\n// which is then also parsed in the Worker to infer hook names.\\n// This is less ideal because parsing
a full source map is slower,\\n// since we need to evaluate the mappings in order to map the runtime code to the
original source,\\n// but at least the eventual source that we parse to an AST is small/fast.\\n// b. If no source
map, pass the full source to a Worker for parsing.\\n// Use the source to infer hook names.\\n// This is the least
optimal route as parsing the full source is very CPU intensive.\\n// In the future, we may add an additional
optimization the above sequence.\\n// This check would come before the source map check:\\n// a. Search loaded
source file to see if a custom React metadata file is available.\\n// If so, load that file and pass it to a Worker
for parsing and extracting.\\n// This is the fastest option since our custom metadata file is much smaller than a full
source map,\\n// and there is no need to convert runtime code to the original source.\\n\\nimport {__DEBUG__}
from 'react-devtools-shared/src/constants';\\nimport {getHookSourceLocationKey} from 'react-devtools-
shared/src/hookNamesCache';\\nimport {sourceMapIncludesSource} from './SourceMapUtils';\\nimport {\\n
withAsyncPerfMeasurements,\\n withCallbackPerfMeasurements,\\n withSyncPerfMeasurements,\\n } from 'react-
devtools-shared/src/PerformanceLoggingUtils';\\n\\nimport type {\\n HooksNode,\\n HookSource,\\n HooksTree,\\n }
from 'react-debug-tools/src/ReactDebugHooks';\\nimport type {MixedSourceMap} from
 './SourceMapTypes';\\nimport type {FetchFileWithCaching} from 'react-devtools-
shared/src/devtools/views/Components/FetchFileWithCachingContext';\\n\\n// Prefer a cached albeit stale response to
reduce download time.\\n// We wouldn't want to load/parse a newer version of the source (even if one
existed).\\nconst FETCH_OPTIONS = {cache: 'force-cache'};\\nconst MAX_SOURCE_LENGTH =
100_000_000;\\n\\nexport type HookSourceAndMetadata = {\\n // Generated by react-debug-tools.\\n hookSource:
```

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HookSource,\n\n // Compiled code (React components or custom hooks) containing primitive hook calls.\n
runtimeSourceCode: string | null,\n\n // Same as hookSource.fileName but guaranteed to be non-null.\n
runtimeSourceURL: string,\n\n // Raw source map JSON.\n // Either decoded from an inline source map or loaded
from an external source map file.\n // Sources without source maps won't have this.\n sourceMapJSON:
MixedSourceMap | null,\n\n // External URL of source map.\n // Sources without source maps (or with inline
source maps) won't have this.\n sourceMapURL: string | null,\n\n};\n\nexport type
LocationKeyToHookSourceAndMetadata = Map<\n string,\n HookSourceAndMetadata,\n>;\nexport type
HooksList = Array<HooksNode>;\n\nexport async function loadSourceAndMetadata(\n hooksList: HooksList,\n
fetchFileWithCaching: FetchFileWithCaching | null,\n): Promise<LocationKeyToHookSourceAndMetadata> {\n
return withAsyncPerfMeasurements('loadSourceAndMetadata()', async () => {\n const
locationKeyToHookSourceAndMetadata = withSyncPerfMeasurements(\n 'initializeHookSourceAndMetadata',\n
() => initializeHookSourceAndMetadata(hooksList),\n );\n\n await
withAsyncPerfMeasurements('loadSourceFiles()', () =>\n
loadSourceFiles(locationKeyToHookSourceAndMetadata, fetchFileWithCaching),\n );\n\n await
withAsyncPerfMeasurements('extractAndLoadSourceMapJSON()', () =>\n
extractAndLoadSourceMapJSON(locationKeyToHookSourceAndMetadata),\n );\n\n // At this point, we've
loaded JS source (text) and source map (JSON).\n // The remaining works (parsing these) is CPU intensive and
should be done in a worker.\n return locationKeyToHookSourceAndMetadata;\n });\n\n\nfunction
decodeBase64String(encoded: string): Object {\n if (typeof atob === 'function') {\n return atob(encoded);\n }
else if (\n typeof Buffer !== 'undefined' &&\n Buffer !== null &&\n typeof Buffer.from === 'function'\n ) {\n
return Buffer.from(encoded, 'base64');\n } else {\n throw Error('Cannot decode base64 string');\n
}}\n\n\nfunction extractAndLoadSourceMapJSON(\n locationKeyToHookSourceAndMetadata:
LocationKeyToHookSourceAndMetadata,\n): Promise<*> {\n // Deduplicate fetches, since there can be multiple
location keys per source map.\n const dedupedFetchPromises = new Map();\n\n if (__DEBUG__) {\n
console.log(\n 'extractAndLoadSourceMapJSON() load',\n locationKeyToHookSourceAndMetadata.size,\n
'source maps',\n );\n }\n\n const setterPromises = [];\n
locationKeyToHookSourceAndMetadata.forEach(hookSourceAndMetadata => {\n const sourceMapRegex = /
?sourceMappingURL=(\[^\s"\"]+)\s/gm;\n const runtimeSourceCode =
((hookSourceAndMetadata.runtimeSourceCode: any): string);\n\n // TODO (named hooks) Search for our custom
metadata first.\n // If it's found, we should use it rather than source maps.\n\n // TODO (named hooks) If this
RegExp search is slow, we could try breaking it up\n // first using an indexOf('sourceMappingURL=') to find the
start of the comment\n // (probably at the end of the file) and then running the RegExp on the remaining
substring.\n let sourceMappingURLMatch = withSyncPerfMeasurements(\n
'sourceMapRegex.exec(runtimeSourceCode)',\n () => sourceMapRegex.exec(runtimeSourceCode),\n );\n\n if
(sourceMappingURLMatch == null) {\n if (__DEBUG__) {\n
console.log('extractAndLoadSourceMapJSON() No source map found');\n }\n\n // Maybe file has not been
transformed; we'll try to parse it as-is in parseSourceAST().\n } else {\n const externalSourceMapURLs = [];\n
while (sourceMappingURLMatch != null) {\n const {runtimeSourceURL} = hookSourceAndMetadata;\n
const sourceMappingURL = sourceMappingURLMatch[1];\n const hasInlineSourceMap =
sourceMappingURL.indexOf('base64,') >= 0;\n if (hasInlineSourceMap) {\n // TODO
(named hooks) deduplicate parsing in this branch (similar to fetching in the other branch)\n // since there can
be multiple location keys per source map.\n\n // Web apps like Code Sandbox embed multiple inline source
maps.\n // In this case, we need to loop through and find the right one.\n // We may also need to trim
any part of this string that isn't based64 encoded data.\n const trimmed = ((sourceMappingURL.match(\n
/base64,([a-zA-Z0-9+\\/=]+),\n ): any): Array<string>)[1];\n const decoded =
withSyncPerfMeasurements(\n 'decodeBase64String()',\n () => decodeBase64String(trimmed),\n
);\n\n const sourceMapJSON = withSyncPerfMeasurements(\n 'JSON.parse(decoded)',\n ()
=> JSON.parse(decoded),\n );\n\n if (__DEBUG__) {\n console.groupCollapsed(\n

```



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'extractAndLoadSourceMapJSON() Inline source map',\n      );\n      console.log(sourceMapJSON);\n      console.groupEnd();\n      }\n      // Hook source might be a URL like\n      \"https://4syus.csb.app/src/App.js\"\n      // Parsed source map might be a partial path like \"src/App.js\"\n      if (sourceMapIncludesSource(sourceMapJSON, runtimeSourceURL)) {\n      hookSourceAndMetadata.sourceMapJSON = sourceMapJSON;\n      // OPTIMIZATION If we've located a\n      source map for this source,\n      // we'll use it to retrieve the original source (to extract hook names).\n      // We only fall back to parsing the full source code is when there's no source map.\n      // The source is\n      (potentially) very large,\n      // So we can avoid the overhead of serializing it unnecessarily.\n      hookSourceAndMetadata.runtimeSourceCode = null;\n      break;\n      }\n      } catch (error) {\n      // We've likely encountered a string in the source code that looks like a source map but isn't.\n      // Maybe the\n      source code contains a \"sourceMappingURL\" comment or soething similar.\n      // In either case, let's skip this\n      and keep looking.\n      } else {\n      externalSourceMapURLs.push(sourceMappingURL);\n      }\n      // If the first source map we found wasn't a match, check for more.\n      sourceMappingURLMatch =\n      withSyncPerfMeasurements(\n      'sourceMapRegex.exec(runtimeSourceCode)',\n      () =>\n      sourceMapRegex.exec(runtimeSourceCode),\n      );\n      }\n      if (hookSourceAndMetadata.sourceMapJSON\n      === null) {\n      externalSourceMapURLs.forEach((sourceMappingURL, index) => {\n      if (index !==\n      externalSourceMapURLs.length - 1) {\n      // Files with external source maps should only have a single source\n      map.\n      // More than one result might indicate an edge case,\n      // like a string in the source code that\n      matched our \"sourceMappingURL\" regex.\n      // We should just skip over cases like this.\n      console.warn(\n      `More than one external source map detected in the source file; skipping\n      \"${sourceMappingURL}\"`,\n      );\n      return;\n      }\n      const {runtimeSourceURL} =\n      hookSourceAndMetadata;\n      let url = sourceMappingURL;\n      if (!url.startsWith('http') &&\n      !url.startsWith('/')) {\n      // Resolve paths relative to the location of the file name\n      const lastSlashIdx =\n      runtimeSourceURL.lastIndexOf('/');\n      if (lastSlashIdx !== -1) {\n      const baseUrl =\n      runtimeSourceURL.slice(\n      0,\n      runtimeSourceURL.lastIndexOf('/'),\n      );\n      url =\n      `${baseUrl}/${url}`;\n      }\n      }\n      hookSourceAndMetadata.sourceMapURL = url;\n      const\n      fetchPromise =\n      dedupedFetchPromises.get(url) ||\n      fetchFile(url).then(\n      sourceMapContents\n      => {\n      const sourceMapJSON = withSyncPerfMeasurements(\n      'JSON.parse(sourceMapContents)',\n      () => JSON.parse(sourceMapContents),\n      );\n      return sourceMapJSON;\n      },\n      );\n      // In this case, we fall back to the assumption that the source has no\n      source map.\n      // This might indicate an (unlikely) edge case that had no source map,\n      // but\n      contained the string \"sourceMappingURL\".\n      error => null,\n      );\n      if (__DEBUG__) {\n      if (!dedupedFetchPromises.has(url)) {\n      console.log(\n      `extractAndLoadSourceMapJSON()\n      External source map \"${url}\"`,\n      );\n      }\n      }\n      dedupedFetchPromises.set(url,\n      fetchPromise);\n      setterPromises.push(\n      fetchPromise.then(sourceMapJSON => {\n      if\n      (sourceMapJSON !== null) {\n      hookSourceAndMetadata.sourceMapJSON = sourceMapJSON;\n      // OPTIMIZATION If we've located a source map for this source,\n      // we'll use it to retrieve the original\n      source (to extract hook names).\n      // We only fall back to parsing the full source code is when there's no\n      source map.\n      // The source is (potentially) very large,\n      // So we can avoid the overhead of\n      serializing it unnecessarily.\n      hookSourceAndMetadata.runtimeSourceCode = null;\n      }\n      }));\n      });\n      return Promise.all(setterPromises);\n      }\n      }\n      function fetchFile(n url:\n      string,\n      markName?: string = 'fetchFile',\n      ): Promise<string> {\n      return\n      withCallbackPerfMeasurements(` ${markName}("${url}")`, done => {\n      return new Promise((resolve, reject) =>\n      {\n      fetch(url, FETCH_OPTIONS).then(\n      response => {\n      if (response.ok) {\n      response\n      .text()\n      .then(text => {\n      done();\n      resolve(text);\n      })\n      .catch(error =>\n      {\n      if (__DEBUG__) {\n      console.log(\n      ` ${markName}() Could not read text for url\n      \"${url}\"`,\n      );\n      }\n      done();\n      reject(null);\n      });\n      } else {\n      if (__DEBUG__) {\n      console.log(` ${markName}() Got bad response for url \"${url}\"`);\n      }\n      }\n      }

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done();\n      reject(null);\n    }\n  },\n  error => {\n    if (__DEBUG__) {\n      console.log(`${markName}() Could not fetch file: ${error.message}`);\n    }\n    done();\n    reject(null);\n  },\n  );\n  });\n  });\n  });\n  });\n}\n\nexport function hasNamedHooks(hooksTree: HooksTree): boolean {\n  for (let i = 0; i < hooksTree.length; i++) {\n    const hook = hooksTree[i];\n    if (!isUnnamedBuiltInHook(hook)) {\n      return true;\n    }\n    if (hook.subHooks.length > 0) {\n      if (hasNamedHooks(hook.subHooks)) {\n        return true;\n      }\n    }\n  }\n  return false;\n}\n\nexport function flattenHooksList(hooksTree: HooksTree): HooksList {\n  const hooksList: HooksList = [];\n  withSyncPerfMeasurements('flattenHooksList()', () => {\n    flattenHooksListImpl(hooksTree, hooksList);\n  });\n  if (__DEBUG__) {\n    console.log('flattenHooksList() hooksList:', hooksList);\n  }\n  return hooksList;\n}\n\nfunction flattenHooksListImpl(\n  hooksTree: HooksTree,\n  hooksList: Array<HooksNode>,\n): void {\n  for (let i = 0; i < hooksTree.length; i++) {\n    const hook = hooksTree[i];\n    if (isUnnamedBuiltInHook(hook)) {\n      // No need to load source code or do any parsing for unnamed hooks.\n      if (__DEBUG__) {\n        console.log('flattenHooksListImpl() Skipping unnamed hook', hook);\n      }\n      continue;\n    }\n    hooksList.push(hook);\n    if (hook.subHooks.length > 0) {\n      flattenHooksListImpl(hook.subHooks, hooksList);\n    }\n  }\n}\n\nfunction initializeHookSourceAndMetadata(\n  hooksList: Array<HooksNode>,\n): LocationKeyToHookSourceAndMetadata {\n  // Create map of unique source locations (file names plus line and column numbers) to metadata about hooks.\n  const locationKeyToHookSourceAndMetadata: LocationKeyToHookSourceAndMetadata = new Map();\n  for (let i = 0; i < hooksList.length; i++) {\n    const hook = hooksList[i];\n    const hookSource = hook.hookSource;\n    if (hookSource == null) {\n      // Older versions of react-debug-tools don't include this information.\n      // In this case, we can't continue.\n      throw Error('Hook source code location not found.);\n    }\n    const locationKey = getHookSourceLocationKey(hookSource);\n    if (!locationKeyToHookSourceAndMetadata.has(locationKey)) {\n      // Can't be null because getHookSourceLocationKey() would have thrown\n      const runtimeSourceURL = ((hookSource.fileName: any): string);\n      const hookSourceAndMetadata: HookSourceAndMetadata = {\n        hookSource,\n        runtimeSourceCode: null,\n        runtimeSourceURL,\n        sourceMapJSON: null,\n        sourceMapURL: null,\n      };\n      locationKeyToHookSourceAndMetadata.set(\n        locationKey,\n        hookSourceAndMetadata,\n      );\n    }\n  }\n  return locationKeyToHookSourceAndMetadata;\n}\n\n// Determines whether incoming hook is a primitive hook that gets assigned to variables.\nfunction isUnnamedBuiltInHook(hook: HooksNode) {\n  return ['Effect', 'ImperativeHandle', 'LayoutEffect', 'DebugValue'].includes(\n    hook.name,\n  );\n}\n\nfunction loadSourceFiles(\n  locationKeyToHookSourceAndMetadata: LocationKeyToHookSourceAndMetadata,\n  fetchFileWithCaching: FetchFileWithCaching | null,\n): Promise<*> {\n  // Deduplicate fetches, since there can be multiple location keys per file.\n  const dedupedFetchPromises = new Map();\n  const setterPromises = [];\n  locationKeyToHookSourceAndMetadata.forEach(hookSourceAndMetadata => {\n    const {runtimeSourceURL} = hookSourceAndMetadata;\n    let fetchFileFunction = fetchFile;\n    if (fetchFileWithCaching != null) {\n      // If a helper function has been injected to fetch with caching,\n      // use it to fetch the (already loaded) source file.\n      fetchFileFunction = url => {\n        return withAsyncPerfMeasurements(\n          `fetchFileWithCaching("${url}")`,\n          () => {\n            return ((fetchFileWithCaching: any): FetchFileWithCaching)(url);\n          },\n        );\n      };\n    }\n    const fetchPromise =\n      dedupedFetchPromises.get(runtimeSourceURL) ||\n      fetchFileFunction(runtimeSourceURL).then(runtimeSourceCode => {\n        // TODO (named hooks) Re-think this; the main case where it matters is when there's no source-maps,\n        // because then we need to parse the full source file as an AST.\n        if (runtimeSourceCode.length > MAX_SOURCE_LENGTH) {\n          throw Error('Source code too large to parse');\n        }\n        if (__DEBUG__) {\n          console.groupCollapsed(\n            `loadSourceFiles() runtimeSourceURL "${runtimeSourceURL}"`,\n          );\n          console.log(runtimeSourceCode);\n          console.groupEnd();\n        }\n        return runtimeSourceCode;\n      });\n    dedupedFetchPromises.set(runtimeSourceURL, fetchPromise);\n    setterPromises.push(\n      fetchPromise.then(runtimeSourceCode => {\n        hookSourceAndMetadata.runtimeSourceCode =

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runtimeSourceCode;\n  }},\n );\n });\n\n return Promise.all(setterPromises);\n}\n"/**\n * Copyright (c)
Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n *
LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport type
{HookSourceAndMetadata} from './loadSourceAndMetadata';\nimport type {HooksNode, HooksTree} from 'react-
debug-tools/src/ReactDebugHooks';\nimport type {HookNames} from 'react-devtools-shared/src/types';\nimport
type {FetchFileWithCaching} from 'react-devtools-
shared/src/devtools/views/Components/FetchFileWithCachingContext';\nimport {withAsyncPerfMeasurements}
from 'react-devtools-shared/src/PerformanceLoggingUtils';\nimport WorkerizedParseSourceAndMetadata from
 './parseSourceAndMetadata.worker';\nimport typeof * as ParseSourceAndMetadataModule from
 './parseSourceAndMetadata';\nimport {flattenHooksList, loadSourceAndMetadata} from
 './loadSourceAndMetadata';\n\nconst workerizedParseHookNames: ParseSourceAndMetadataModule =
WorkerizedParseSourceAndMetadata();\n\nexport function parseSourceAndMetadata(\n hooksList:
Array<HooksNode>,\n locationKeyToHookSourceAndMetadata: Map<string, HookSourceAndMetadata>,\n):
Promise<HookNames | null> {\n  return workerizedParseHookNames.parseSourceAndMetadata(\n hooksList,\n
locationKeyToHookSourceAndMetadata,\n );\n}\n\nexport const purgeCachedMetadata =
workerizedParseHookNames.purgeCachedMetadata;\n\nconst EMPTY_MAP = new Map();\n\nexport async
function parseHookNames(\n hooksTree: HooksTree,\n fetchFileWithCaching: FetchFileWithCaching | null,\n):
Promise<HookNames | null> {\n  return withAsyncPerfMeasurements('parseHookNames', async () => {\n    const
hooksList = flattenHooksList(hooksTree);\n    if (hooksList.length === 0) {\n      // This component tree contains no
named hooks.\n      return EMPTY_MAP;\n    }\n\n    // Runs on the main/UI thread so it can reuse Network
cache:\n    const locationKeyToHookSourceAndMetadata = await loadSourceAndMetadata(\n hooksList,\n
fetchFileWithCaching,\n );\n\n    // Runs in a Worker because it's CPU intensive:\n    return
parseSourceAndMetadata(\n hooksList,\n locationKeyToHookSourceAndMetadata,\n );\n  });\n}\n\n", "sourceRoot":""}

```

Found in path(s):

```

* /opt/cola/permits/1287718422_1647270843.85/0/react-devtools-core-4-23-0-
tgz/package/dist/parseHookNames.chunk.js.map

```

No license file was found, but licenses were detected in source scan.

```

exports.ids=[0],exports.modules={208:function(e,t,r){var
n=r(109),i=["parseSourceAndMetadata","purgeCachedMetadata"];e.exports=function(){var e=new
Worker(URL.createObjectURL(new Blob(['!function(e){var t={};function r(n){if(t[n])return t[n].exports;var
i=t[n]={i:n,l:!1,exports:{}};return
e[n].call(i.exports,i.exports,r),i.l=!0,i.exports}r.m=e,r.c=t,r.d=function(e,t,n){r.o(e,t)||Object.defineProperty(e,t,{en
umerable:!0,get:n})},r.r=function(e){"undefined"!==typeof
Symbol&&Symbol.toStringTag&&Object.defineProperty(e,Symbol.toStringTag,{value:"Module"}),Object.defineProperty
roperty(e,"__esModule",{value:!0})},r.t=function(e,t){if(1&t&&(e=r(e)),8&t)return e;if(4&t&&"object"===typeof
e&&e&&e.__esModule)return e;var
n=Object.create(null);if(r.r(n),Object.defineProperty(n,"default",{enumerable:!0,value:e}),2&t&&"string"!==typeof
e)for(var i in e)r.d(n,i,function(t){return e[t]}.bind(null,i));return n},r.n=function(e){var
t=e&&e.__esModule?function(){return e.default}:function(){return e};return r.d(t,"a",t),r.o=function(e,t){return
Object.prototype.hasOwnProperty.call(e,t)},r.p="",r(r.s=375)}([function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0});var
n={react:!0,assertNode:!0,createTypeAnnotationBasedOnTypeof:!0,createUnionTypeAnnotation:!0,createFlowUnio
nType:!0,createTSUnionType:!0,cloneNode:!0,clone:!0,cloneDeep:!0,cloneDeepWithoutLoc:!0,cloneWithoutLoc:!
0,addComment:!0,addComments:!0,inheritInnerComments:!0,inheritLeadingComments:!0,inheritsComments:!0,inh
eritTrailingComments:!0,removeComments:!0,ensureBlock:!0,toBindingIdentifierName:!0,toBlock:!0,toComputed

```

```

Key:!0,toExpression:!0,toIdentifier:!0,toKeyAlias:!0,toSequenceExpression:!0,toStatement:!0,valueToNode:!0,appendToMemberExpression:!0,inherits:!0,prependToMemberExpression:!0,removeProperties:!0,removePropertiesDeep:!0,removeTypeDuplicates:!0,getBindingIdentifiers:!0,getOuterBindingIdentifiers:!0,truncate:!0,truncateFast:!0,shallEqual:!0,is:!0,isBinding:!0,isBlockScoped:!0,isImmutable:!0,isLet:!0,isNode:!0,isNodesEquivalent:!0,isPlaceholderType:!0,isReferenced:!0,isScope:!0,isSpecifierDefault:!0,isType:!0,isValidES3Identifier:!0,isValidIdentifier:!0,isVar:!0,matchesPattern:!0,validate:!0,buildMatchMemberExpression:!0};Object.defineProperty(t,"assertNode",{enumerable:!0,get:function(){return o.default}}),Object.defineProperty(t,"createTypeAnnotationBasedOnTypeof",{enumerable:!0,get:function(){return c.default}}),Object.defineProperty(t,"createUnionTypeAnnotation",{enumerable:!0,get:function(){return p.default}}),Object.defineProperty(t,"createFlowUnionType",{enumerable:!0,get:function(){return p.default}}),Object.defineProperty(t,"createTSUnionType",{enumerable:!0,get:function(){return u.default}}),Object.defineProperty(t,"cloneNode",{enumerable:!0,get:function(){return h.default}}),Object.defineProperty(t,"clone",{enumerable:!0,get:function(){return f.default}}),Object.defineProperty(t,"cloneDeep",{enumerable:!0,get:function(){return m.default}}),Object.defineProperty(t,"cloneDeepWithoutLoc",{enumerable:!0,get:function(){return y.default}}),Object.defineProperty(t,"cloneWithoutLoc",{enumerable:!0,get:function(){return T.default}}),Object.defineProperty(t,"addComment",{enumerable:!0,get:function(){return b.default}}),Object.defineProperty(t,"addComments",{enumerable:!0,get:function(){return g.default}}),Object.defineProperty(t,"inheritInnerComments",{enumerable:!0,get:function(){return S.default}}),Object.defineProperty(t,"inheritLeadingComments",{enumerable:!0,get:function(){return x.default}}),Object.defineProperty(t,"inheritsComments",{enumerable:!0,get:function(){return E.default}}),Object.defineProperty(t,"inheritTrailingComments",{enumerable:!0,get:function(){return P.default}}),Object.defineProperty(t,"removeComments",{enumerable:!0,get:function(){return v.default}}),Object.defineProperty(t,"ensureBlock",{enumerable:!0,get:function(){return O.default}}),Object.defineProperty(t,"toBindingIdentifierName",{enumerable:!0,get:function(){return I.default}}),Object.defineProperty(t,"toBlock",{enumerable:!0,get:function(){return C.default}}),Object.defineProperty(t,"toComputedKey",{enumerable:!0,get:function(){return N.default}}),Object.defineProperty(t,"toExpression",{enumerable:!0,get:function(){return k.default}}),Object.defineProperty(t,"toIdentifier",{enumerable:!0,get:function(){return D.default}}),Object.defineProperty(t,"toKeyAlias",{enumerable:!0,get:function(){return _default}}),Object.defineProperty(t,"toSequenceExpression",{enumerable:!0,get:function(){return L.default}}),Object.defineProperty(t,"toStatement",{enumerable:!0,get:function(){return M.default}}),Object.defineProperty(t,"valueToNode",{enumerable:!0,get:function(){return j.default}}),Object.defineProperty(t,"appendToMemberExpression",{enumerable:!0,get:function(){return R.default}}),Object.defineProperty(t,"inherits",{enumerable:!0,get:function(){return B.default}}),Object.defineProperty(t,"prependToMemberExpression",{enumerable:!0,get:function(){return U.default}}),Object.defineProperty(t,"removeProperties",{enumerable:!0,get:function(){return V.default}}),Object.defineProperty(t,"removePropertiesDeep",{enumerable:!0,get:function(){return K.default}}),Object.defineProperty(t,"removeTypeDuplicates",{enumerable:!0,get:function(){return q.default}}),Object.defineProperty(t,"getBindingIdentifiers",{enumerable:!0,get:function(){return Y.default}}),Object.defineProperty(t,"getOuterBindingIdentifiers",{enumerable:!0,get:function(){return W.default}}),Object.defineProperty(t,"truncate",{enumerable:!0,get:function(){return X.default}}),Object.defineProperty(t,"truncateFast",{enumerable:!0,get:function(){return J.default}}),Object.defineProperty(t,"shallowEqual",{enumerable:!0,get:function(){return H.default}}),Object.defineProperty(t,"is",{enumerable:!0,get:function(){return G.default}}),Object.defineProperty(t,"isBinding",{enumerable:!0,get:function(){return z.default}}),Object.defineProperty(t,"isBlockScoped",{enumerable:!0,get:function(){return $default}}),Object.defineProperty(t,"isImmutable",{enumerable:!0,get:function(){return

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Q.default } },Object.defineProperty(t,"isLet",{enumerable:!0,get:function(){return
Z.default } },Object.defineProperty(t,"isNode",{enumerable:!0,get:function(){return
ee.default } },Object.defineProperty(t,"isNodesEquivalent",{enumerable:!0,get:function(){return
te.default } },Object.defineProperty(t,"isPlaceholderType",{enumerable:!0,get:function(){return
re.default } },Object.defineProperty(t,"isReferenced",{enumerable:!0,get:function(){return
ne.default } },Object.defineProperty(t,"isScope",{enumerable:!0,get:function(){return
ie.default } },Object.defineProperty(t,"isSpecifierDefault",{enumerable:!0,get:function(){return
se.default } },Object.defineProperty(t,"isType",{enumerable:!0,get:function(){return
ae.default } },Object.defineProperty(t,"isValidES3Identifier",{enumerable:!0,get:function(){return
oe.default } },Object.defineProperty(t,"isValidIdentifier",{enumerable:!0,get:function(){return
le.default } },Object.defineProperty(t,"isVar",{enumerable:!0,get:function(){return
ce.default } },Object.defineProperty(t,"matchesPattern",{enumerable:!0,get:function(){return
pe.default } },Object.defineProperty(t,"validate",{enumerable:!0,get:function(){return
ue.default } },Object.defineProperty(t,"buildMatchMemberExpression",{enumerable:!0,get:function(){return
de.default } },t.react=void 0;var
i=fe(r(133)),s=fe(r(134)),a=fe(r(135)),o=fe(r(216)),l=r(217);Object.keys(l).forEach((function(e){ "default"!==e&&"
__esModule"!==e&&(Object.prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]===l[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return l[e] } } ))));var
c=fe(r(218)),p=fe(r(219)),u=fe(r(220)),d=r(4);Object.keys(d).forEach((function(e){ "default"!==e&&" __esModule"!=
==e&&(Object.prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]===d[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return d[e] } } ))));var
h=fe(r(14)),f=fe(r(222)),m=fe(r(223)),y=fe(r(224)),T=fe(r(225)),b=fe(r(226)),g=fe(r(86)),S=fe(r(87)),x=fe(r(88)),E=
fe(r(89)),P=fe(r(90)),v=fe(r(227)),A=r(228);Object.keys(A).forEach((function(e){ "default"!==e&&" __esModule"!=
==e&&(Object.prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]===A[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return A[e] } } ))));var
w=r(13);Object.keys(w).forEach((function(e){ "default"!==e&&" __esModule"!==e&&(Object.prototype.hasOwnProperty.Pr
operty.call(n,e))|e in t&&t[e]===w[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return
w[e] } } ))));var
O=fe(r(229)),I=fe(r(230)),C=fe(r(91)),N=fe(r(231)),k=fe(r(232)),D=fe(r(92)),_=fe(r(233)),L=fe(r(234)),M=fe(r(236
)),j=fe(r(237)),F=r(5);Object.keys(F).forEach((function(e){ "default"!==e&&" __esModule"!==e&&(Object.prototype
e.hasOwnProperty.call(n,e))|e in t&&t[e]===F[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return
F[e] } } ))));var
R=fe(r(241)),B=fe(r(242)),U=fe(r(243)),V=fe(r(95)),K=fe(r(93)),q=fe(r(85)),Y=fe(r(35)),W=fe(r(244)),X=fe(r(245
)),J=fe(r(94)),H=fe(r(39)),G=fe(r(34)),z=fe(r(246)),S=fe(r(247)),Q=fe(r(248)),Z=fe(r(96)),ee=fe(r(84)),te=fe(r(249)),
re=fe(r(82)),ne=fe(r(250)),ie=fe(r(251)),se=fe(r(252)),ae=fe(r(51)),oe=fe(r(253)),le=fe(r(23)),ce=fe(r(254)),pe=fe(r(
65)),ue=fe(r(52)),de=fe(r(64)),he=r(2);function fe(e){return
e&&e.__esModule?e:{default:e } }Object.keys(he).forEach((function(e){ "default"!==e&&" __esModule"!==e&&(O
bject.prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]===he[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return he[e] } } ))));const
me={isReactComponent:i.default,isCompatTag:s.default,buildChildren:a.default } ;t.react=me } ,function(e,t,r){ "use
strict";Object.defineProperty(t," __esModule",{value:!0}),t.isArrayExpression=function(e,t){if(!e)return!1;if("Array
Expression"===e.type)return void
0===t||(0,n.default)(e,t);return!1 } ,t.isAssignmentExpression=function(e,t){if(!e)return!1;if("AssignmentExpression"
===e.type)return void
0===t||(0,n.default)(e,t);return!1 } ,t.isBinaryExpression=function(e,t){if(!e)return!1;if("BinaryExpression"===e.type
)return void
0===t||(0,n.default)(e,t);return!1 } ,t.isInterpreterDirective=function(e,t){if(!e)return!1;if("InterpreterDirective"===e.t
ype)return void

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0===t||(0,n.default)(e,t);return!1},t.isDirective=function(e,t){if(!e)return!1;if("Directive"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDirectiveLiteral=function(e,t){if(!e)return!1;if("DirectiveLiteral"===e.type)ret
urn void
0===t||(0,n.default)(e,t);return!1},t.isBlockStatement=function(e,t){if(!e)return!1;if("BlockStatement"===e.type)ret
urn void
0===t||(0,n.default)(e,t);return!1},t.isBreakStatement=function(e,t){if(!e)return!1;if("BreakStatement"===e.type)ret
urn void
0===t||(0,n.default)(e,t);return!1},t.isCallExpression=function(e,t){if(!e)return!1;if("CallExpression"===e.type)retur
n void
0===t||(0,n.default)(e,t);return!1},t.isCatchClause=function(e,t){if(!e)return!1;if("CatchClause"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isConditionalExpression=function(e,t){if(!e)return!1;if("ConditionalExpression"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isContinueStatement=function(e,t){if(!e)return!1;if("ContinueStatement"===e.ty
pe)return void
0===t||(0,n.default)(e,t);return!1},t.isDebuggerStatement=function(e,t){if(!e)return!1;if("DebuggerStatement"===e.t
ype)return void
0===t||(0,n.default)(e,t);return!1},t.isDoWhileStatement=function(e,t){if(!e)return!1;if("DoWhileStatement"===e.ty
pe)return void
0===t||(0,n.default)(e,t);return!1},t.isEmptyStatement=function(e,t){if(!e)return!1;if("EmptyStatement"===e.type)re
turn void
0===t||(0,n.default)(e,t);return!1},t.isExpressionStatement=function(e,t){if(!e)return!1;if("ExpressionStatement"===
e.type)return void 0===t||(0,n.default)(e,t);return!1},t.isFile=function(e,t){if(!e)return!1;if("File"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isForInStatement=function(e,t){if(!e)return!1;if("ForInStatement"===e.type)retu
rn void
0===t||(0,n.default)(e,t);return!1},t.isForStatement=function(e,t){if(!e)return!1;if("ForStatement"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isFunctionDeclaration=function(e,t){if(!e)return!1;if("FunctionDeclaration"===e
.type)return void
0===t||(0,n.default)(e,t);return!1},t.isFunctionExpression=function(e,t){if(!e)return!1;if("FunctionExpression"===e.
type)return void
0===t||(0,n.default)(e,t);return!1},t.isIdentifier=function(e,t){if(!e)return!1;if("Identifier"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isIfStatement=function(e,t){if(!e)return!1;if("IfStatement"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isLabeledStatement=function(e,t){if(!e)return!1;if("LabeledStatement"===e.type
)return void
0===t||(0,n.default)(e,t);return!1},t.isStringLiteral=function(e,t){if(!e)return!1;if("StringLiteral"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isNumericLiteral=function(e,t){if(!e)return!1;if("NumericLiteral"===e.type)retu
rn void
0===t||(0,n.default)(e,t);return!1},t.isNullLiteral=function(e,t){if(!e)return!1;if("NullLiteral"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isBooleanLiteral=function(e,t){if(!e)return!1;if("BooleanLiteral"===e.type)retur
n void
0===t||(0,n.default)(e,t);return!1},t.isRegExpLiteral=function(e,t){if(!e)return!1;if("RegExpLiteral"===e.type)retur
n void
0===t||(0,n.default)(e,t);return!1},t.isLogicalExpression=function(e,t){if(!e)return!1;if("LogicalExpression"===e.ty
pe)return void
0===t||(0,n.default)(e,t);return!1},t.isMemberExpression=function(e,t){if(!e)return!1;if("MemberExpression"===e.t

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ype)return void
0===t||(0,n.default)(e,t);return!1},t.isNewExpression=function(e,t){if(!e)return!1;if("NewExpression"===e.type)ret
urn void 0===t||(0,n.default)(e,t);return!1},t.isProgram=function(e,t){if(!e)return!1;if("Program"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isObjectExpression=function(e,t){if(!e)return!1;if("ObjectExpression"===e.type
)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectMethod=function(e,t){if(!e)return!1;if("ObjectMethod"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isObjectProperty=function(e,t){if(!e)return!1;if("ObjectProperty"===e.type)retur
n void
0===t||(0,n.default)(e,t);return!1},t.isRestElement=function(e,t){if(!e)return!1;if("RestElement"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isReturnStatement=function(e,t){if(!e)return!1;if("ReturnStatement"===e.type)r
eturn void
0===t||(0,n.default)(e,t);return!1},t.isSequenceExpression=function(e,t){if(!e)return!1;if("SequenceExpression"===
e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isParenthesizedExpression=function(e,t){if(!e)return!1;if("ParenthesizedExpressi
on"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isSwitchCase=function(e,t){if(!e)return!1;if("SwitchCase"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isSwitchStatement=function(e,t){if(!e)return!1;if("SwitchStatement"===e.type)r
eturn void
0===t||(0,n.default)(e,t);return!1},t.isThisExpression=function(e,t){if(!e)return!1;if("ThisExpression"===e.type)retu
rn void
0===t||(0,n.default)(e,t);return!1},t.isThrowStatement=function(e,t){if(!e)return!1;if("ThrowStatement"===e.type)re
turn void
0===t||(0,n.default)(e,t);return!1},t.isTryStatement=function(e,t){if(!e)return!1;if("TryStatement"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isUnaryExpression=function(e,t){if(!e)return!1;if("UnaryExpression"===e.type)
return void
0===t||(0,n.default)(e,t);return!1},t.isUpdateExpression=function(e,t){if(!e)return!1;if("UpdateExpression"===e.typ
e)return void
0===t||(0,n.default)(e,t);return!1},t.isVariableDeclaration=function(e,t){if(!e)return!1;if("VariableDeclaration"===e
.type)return void
0===t||(0,n.default)(e,t);return!1},t.isVariableDeclarator=function(e,t){if(!e)return!1;if("VariableDeclarator"===e.ty
pe)return void
0===t||(0,n.default)(e,t);return!1},t.isWhileStatement=function(e,t){if(!e)return!1;if("WhileStatement"===e.type)ret
urn void
0===t||(0,n.default)(e,t);return!1},t.isWithStatement=function(e,t){if(!e)return!1;if("WithStatement"===e.type)retur
n void
0===t||(0,n.default)(e,t);return!1},t.isAssignmentPattern=function(e,t){if(!e)return!1;if("AssignmentPattern"===e.ty
pe)return void
0===t||(0,n.default)(e,t);return!1},t.isArrayPattern=function(e,t){if(!e)return!1;if("ArrayPattern"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isArrowFunctionExpression=function(e,t){if(!e)return!1;if("ArrowFunctionExpr
ession"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isClassBody=function(e,t){if(!e)return!1;if("ClassBody"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isClassExpression=function(e,t){if(!e)return!1;if("ClassExpression"===e.type)re
turn void

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0===t||(0,n.default)(e,t);return!1},t.isClassDeclaration=function(e,t){if(!e)return!1;if("ClassDeclaration"===e.type)re
turn void
0===t||(0,n.default)(e,t);return!1},t.isExportAllDeclaration=function(e,t){if(!e)return!1;if("ExportAllDeclaration"===
=e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isExportDefaultDeclaration=function(e,t){if(!e)return!1;if("ExportDefaultDeclar
ation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isExportNamedDeclaration=function(e,t){if(!e)return!1;if("ExportNamedDeclarati
on"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isExportSpecifier=function(e,t){if(!e)return!1;if("ExportSpecifier"===e.type)ret
urn void
0===t||(0,n.default)(e,t);return!1},t.isForOfStatement=function(e,t){if(!e)return!1;if("ForOfStatement"===e.type)ret
urn void
0===t||(0,n.default)(e,t);return!1},t.isImportDeclaration=function(e,t){if(!e)return!1;if("ImportDeclaration"===e.typ
e)return void
0===t||(0,n.default)(e,t);return!1},t.isImportDefaultSpecifier=function(e,t){if(!e)return!1;if("ImportDefaultSpecifier
"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isImportNamespaceSpecifier=function(e,t){if(!e)return!1;if("ImportNamespaceS
pecifier"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isImportSpecifier=function(e,t){if(!e)return!1;if("ImportSpecifier"===e.type)ret
urn void
0===t||(0,n.default)(e,t);return!1},t.isMetaProperty=function(e,t){if(!e)return!1;if("MetaProperty"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isClassMethod=function(e,t){if(!e)return!1;if("ClassMethod"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isObjectPattern=function(e,t){if(!e)return!1;if("ObjectPattern"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isSpreadElement=function(e,t){if(!e)return!1;if("SpreadElement"===e.type)retur
n void
0===t||(0,n.default)(e,t);return!1},t.isSuper=function(e,t){if(!e)return!1;if("Super"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTaggedTemplateExpression=function(e,t){if(!e)return!1;if("TaggedTemplateE
xpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTemplateElement=function(e,t){if(!e)return!1;if("TemplateElement"===e.type
)return void
0===t||(0,n.default)(e,t);return!1},t.isTemplateLiteral=function(e,t){if(!e)return!1;if("TemplateLiteral"===e.type)ret
urn void
0===t||(0,n.default)(e,t);return!1},t.isYieldExpression=function(e,t){if(!e)return!1;if("YieldExpression"===e.type)re
turn void
0===t||(0,n.default)(e,t);return!1},t.isAwaitExpression=function(e,t){if(!e)return!1;if("AwaitExpression"===e.type)r
eturn void
0===t||(0,n.default)(e,t);return!1},t.isImport=function(e,t){if(!e)return!1;if("Import"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isBigIntLiteral=function(e,t){if(!e)return!1;if("BigIntLiteral"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isExportNamespaceSpecifier=function(e,t){if(!e)return!1;if("ExportNamespaceS
pecifier"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isOptionalMemberExpression=function(e,t){if(!e)return!1;if("OptionalMemberE
xpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isOptionalCallExpression=function(e,t){if(!e)return!1;if("OptionalCallExpres
sion"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isAnyTypeAnnotation=function(e,t){if(!e)return!1;if("AnyTypeAnnotation"===

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e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isArrayTypeAnnotation=function(e,t){if(!e)return!1;if("ArrayTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isBooleanTypeAnnotation=function(e,t){if(!e)return!1;if("BooleanTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isBooleanLiteralTypeAnnotation=function(e,t){if(!e)return!1;if("BooleanLiteralTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isNullLiteralTypeAnnotation=function(e,t){if(!e)return!1;if("NullLiteralTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isClassImplements=function(e,t){if(!e)return!1;if("ClassImplements"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareClass=function(e,t){if(!e)return!1;if("DeclareClass"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareFunction=function(e,t){if(!e)return!1;if("DeclareFunction"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareInterface=function(e,t){if(!e)return!1;if("DeclareInterface"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareModule=function(e,t){if(!e)return!1;if("DeclareModule"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareModuleExports=function(e,t){if(!e)return!1;if("DeclareModuleExports"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareTypeAlias=function(e,t){if(!e)return!1;if("DeclareTypeAlias"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareOpaqueType=function(e,t){if(!e)return!1;if("DeclareOpaqueType"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareVariable=function(e,t){if(!e)return!1;if("DeclareVariable"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareExportDeclaration=function(e,t){if(!e)return!1;if("DeclareExportDeclaration"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclareExportAllDeclaration=function(e,t){if(!e)return!1;if("DeclareExportAllDeclaration"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclaredPredicate=function(e,t){if(!e)return!1;if("DeclaredPredicate"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isExistsTypeAnnotation=function(e,t){if(!e)return!1;if("ExistsTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isFunctionTypeAnnotation=function(e,t){if(!e)return!1;if("FunctionTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isFunctionTypeParam=function(e,t){if(!e)return!1;if("FunctionTypeParam"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isGenericTypeAnnotation=function(e,t){if(!e)return!1;if("GenericTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isInferredPredicate=function(e,t){if(!e)return!1;if("InferredPredicate"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isInterfaceExtends=function(e,t){if(!e)return!1;if("InterfaceExtends"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isInterfaceDeclaration=function(e,t){if(!e)return!1;if("InterfaceDeclaration"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isInterfaceTypeAnnotation=function(e,t){if(!e)return!1;if("InterfaceTypeAnnotation"===e.type)return void

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ion"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isIntersectionTypeAnnotation=function(e,t){if(!e)return!1;if("IntersectionTypeA
nnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isMixedTypeAnnotation=function(e,t){if(!e)return!1;if("MixedTypeAnnotation"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isEmptyTypeAnnotation=function(e,t){if(!e)return!1;if("EmptyTypeAnnotation"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isNullableTypeAnnotation=function(e,t){if(!e)return!1;if("NullableTypeAnnotati
on"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isNumberLiteralTypeAnnotation=function(e,t){if(!e)return!1;if("NumberLiteral
TypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isNumberTypeAnnotation=function(e,t){if(!e)return!1;if("NumberTypeAnnotati
on"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectTypeAnnotation=function(e,t){if(!e)return!1;if("ObjectTypeAnnotation"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectTypeInternalSlot=function(e,t){if(!e)return!1;if("ObjectTypeInternalSlot
"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectTypeCallProperty=function(e,t){if(!e)return!1;if("ObjectTypeCallProper
ty"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectTypeIndexer=function(e,t){if(!e)return!1;if("ObjectTypeIndexer"===e.t
ype)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectTypeProperty=function(e,t){if(!e)return!1;if("ObjectTypeProperty"===e
.type)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectTypeSpreadProperty=function(e,t){if(!e)return!1;if("ObjectTypeSpreadP
roperty"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isOpaqueType=function(e,t){if(!e)return!1;if("OpaqueType"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isQualifiedTypeIdentifier=function(e,t){if(!e)return!1;if("QualifiedTypeIdentifie
r"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isStringLiteralTypeAnnotation=function(e,t){if(!e)return!1;if("StringLiteralType
Annotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isStringTypeAnnotation=function(e,t){if(!e)return!1;if("StringTypeAnnotation"=
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isSymbolTypeAnnotation=function(e,t){if(!e)return!1;if("SymbolTypeAnnotatio
n"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isThisTypeAnnotation=function(e,t){if(!e)return!1;if("ThisTypeAnnotation"===
e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTupleTypeAnnotation=function(e,t){if(!e)return!1;if("TupleTypeAnnotation"=
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTypeofTypeAnnotation=function(e,t){if(!e)return!1;if("TypeofTypeAnnotation
"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTypeAlias=function(e,t){if(!e)return!1;if("TypeAlias"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTypeAnnotation=function(e,t){if(!e)return!1;if("TypeAnnotation"===e.type)re
turn void
0===t||(0,n.default)(e,t);return!1},t.isTypeCastExpression=function(e,t){if(!e)return!1;if("TypeCastExpression"===
e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTypeParameter=function(e,t){if(!e)return!1;if("TypeParameter"===e.type)retur
n void

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0===t||(0,n.default)(e,t);return!1},t.isTypeParameterDeclaration=function(e,t){if(!e)return!1;if("TypeParameterDeclaration"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTypeParameterInstantiation=function(e,t){if(!e)return!1;if("TypeParameterInstantiation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isUnionTypeAnnotation=function(e,t){if(!e)return!1;if("UnionTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isVariance=function(e,t){if(!e)return!1;if("Variance"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isVoidTypeAnnotation=function(e,t){if(!e)return!1;if("VoidTypeAnnotation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isEnumDeclaration=function(e,t){if(!e)return!1;if("EnumDeclaration"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isEnumBooleanBody=function(e,t){if(!e)return!1;if("EnumBooleanBody"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isEnumNumberBody=function(e,t){if(!e)return!1;if("EnumNumberBody"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isEnumStringBody=function(e,t){if(!e)return!1;if("EnumStringBody"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isEnumSymbolBody=function(e,t){if(!e)return!1;if("EnumSymbolBody"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isEnumBooleanMember=function(e,t){if(!e)return!1;if("EnumBooleanMember"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isEnumNumberMember=function(e,t){if(!e)return!1;if("EnumNumberMember"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isEnumStringMember=function(e,t){if(!e)return!1;if("EnumStringMember"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isEnumDefaultedMember=function(e,t){if(!e)return!1;if("EnumDefaultedMember"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isIndexedAccessType=function(e,t){if(!e)return!1;if("IndexedAccessType"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isOptionalIndexedAccessType=function(e,t){if(!e)return!1;if("OptionalIndexedAccessType"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXAttribute=function(e,t){if(!e)return!1;if("JSXAttribute"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXClosingElement=function(e,t){if(!e)return!1;if("JSXClosingElement"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXElement=function(e,t){if(!e)return!1;if("JSXElement"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXEmptyExpression=function(e,t){if(!e)return!1;if("JSXEmptyExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXExpressionContainer=function(e,t){if(!e)return!1;if("JSXExpressionContainer"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXSpreadChild=function(e,t){if(!e)return!1;if("JSXSpreadChild"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXIdentifier=function(e,t){if(!e)return!1;if("JSXIdentifier"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXMemberExpression=function(e,t){if(!e)return!1;if("JSXMemberExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXNamespacedName=function(e,t){if(!e)return!1;if("JSXNamespacedName"

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===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXOpeningElement=function(e,t){if(!e)return!1;if("JSXOpeningElement"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXSpreadAttribute=function(e,t){if(!e)return!1;if("JSXSpreadAttribute"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXText=function(e,t){if(!e)return!1;if("JSXText"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXFragment=function(e,t){if(!e)return!1;if("JSXFragment"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXOpeningFragment=function(e,t){if(!e)return!1;if("JSXOpeningFragment"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isJSXClosingFragment=function(e,t){if(!e)return!1;if("JSXClosingFragment"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isNoop=function(e,t){if(!e)return!1;if("Noop"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isPlaceholder=function(e,t){if(!e)return!1;if("Placeholder"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isV8IntrinsicIdentifier=function(e,t){if(!e)return!1;if("V8IntrinsicIdentifier"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isArgumentPlaceholder=function(e,t){if(!e)return!1;if("ArgumentPlaceholder"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isBindExpression=function(e,t){if(!e)return!1;if("BindExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isClassProperty=function(e,t){if(!e)return!1;if("ClassProperty"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isPipelineTopicExpression=function(e,t){if(!e)return!1;if("PipelineTopicExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isPipelineBareFunction=function(e,t){if(!e)return!1;if("PipelineBareFunction"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isPipelinePrimaryTopicReference=function(e,t){if(!e)return!1;if("PipelinePrimaryTopicReference"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isClassPrivateProperty=function(e,t){if(!e)return!1;if("ClassPrivateProperty"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isClassPrivateMethod=function(e,t){if(!e)return!1;if("ClassPrivateMethod"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isImportAttribute=function(e,t){if(!e)return!1;if("ImportAttribute"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDecorator=function(e,t){if(!e)return!1;if("Decorator"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDoExpression=function(e,t){if(!e)return!1;if("DoExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isExportDefaultSpecifier=function(e,t){if(!e)return!1;if("ExportDefaultSpecifier"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isPrivateName=function(e,t){if(!e)return!1;if("PrivateName"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isRecordExpression=function(e,t){if(!e)return!1;if("RecordExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTupleExpression=function(e,t){if(!e)return!1;if("TupleExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isDecimalLiteral=function(e,t){if(!e)return!1;if("DecimalLiteral"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isStaticBlock=function(e,t){if(!e)return!1;if("StaticBlock"===e.type)return void

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0===t||(0,n.default)(e,t);return!1},t.isModuleExpression=function(e,t){if(!e)return!1;if("ModuleExpression"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSParameterProperty=function(e,t){if(!e)return!1;if("TSParameterProperty"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSDeclareFunction=function(e,t){if(!e)return!1;if("TSDeclareFunction"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSDeclareMethod=function(e,t){if(!e)return!1;if("TSDeclareMethod"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSQualifiedName=function(e,t){if(!e)return!1;if("TSQualifiedName"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSCallSignatureDeclaration=function(e,t){if(!e)return!1;if("TSCallSignatureDeclaration"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSConstructSignatureDeclaration=function(e,t){if(!e)return!1;if("TSConstructSignatureDeclaration"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSPropertySignature=function(e,t){if(!e)return!1;if("TSPropertySignature"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSMethodSignature=function(e,t){if(!e)return!1;if("TSMethodSignature"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSIndexSignature=function(e,t){if(!e)return!1;if("TSIndexSignature"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSAnyKeyword=function(e,t){if(!e)return!1;if("TSAnyKeyword"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSBooleanKeyword=function(e,t){if(!e)return!1;if("TSBooleanKeyword"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSBigIntKeyword=function(e,t){if(!e)return!1;if("TSBigIntKeyword"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSIntrinsicKeyword=function(e,t){if(!e)return!1;if("TSIntrinsicKeyword"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSNeverKeyword=function(e,t){if(!e)return!1;if("TSNeverKeyword"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSNullKeyword=function(e,t){if(!e)return!1;if("TSNullKeyword"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSNumberKeyword=function(e,t){if(!e)return!1;if("TSNumberKeyword"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSObjectKeyword=function(e,t){if(!e)return!1;if("TSObjectKeyword"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSStringKeyword=function(e,t){if(!e)return!1;if("TSStringKeyword"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSSymbolKeyword=function(e,t){if(!e)return!1;if("TSSymbolKeyword"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSUndefinedKeyword=function(e,t){if(!e)return!1;if("TSUndefinedKeyword"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSUnknownKeyword=function(e,t){if(!e)return!1;if("TSUnknownKeyword"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSVoidKeyword=function(e,t){if(!e)return!1;if("TSVoidKeyword"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSThisType=function(e,t){if(!e)return!1;if("TSThisType"===e.type)return void

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0===t||(0,n.default)(e,t);return!1},t.isTSFunctionType=function(e,t){if(!e)return!1;if("TSFunctionType"===e.type)r
eturn void
0===t||(0,n.default)(e,t);return!1},t.isTSConstructorType=function(e,t){if(!e)return!1;if("TSConstructorType"===e.t
ype)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeReference=function(e,t){if(!e)return!1;if("TSTypeReference"===e.typ
e)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypePredicate=function(e,t){if(!e)return!1;if("TSTypePredicate"===e.type)
return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeQuery=function(e,t){if(!e)return!1;if("TSTypeQuery"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeLiteral=function(e,t){if(!e)return!1;if("TSTypeLiteral"===e.type)retur
n void
0===t||(0,n.default)(e,t);return!1},t.isTSArrayType=function(e,t){if(!e)return!1;if("TSArrayType"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isTSTupleType=function(e,t){if(!e)return!1;if("TSTupleType"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isTSOptionalType=function(e,t){if(!e)return!1;if("TSOptionalType"===e.type)r
eturn void
0===t||(0,n.default)(e,t);return!1},t.isTSRestType=function(e,t){if(!e)return!1;if("TSRestType"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isTSNamedTupleMember=function(e,t){if(!e)return!1;if("TSNamedTupleMemb
er"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSUnionType=function(e,t){if(!e)return!1;if("TSUnionType"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isTSIntersectionType=function(e,t){if(!e)return!1;if("TSIntersectionType"===e.t
ype)return void
0===t||(0,n.default)(e,t);return!1},t.isTSConditionalType=function(e,t){if(!e)return!1;if("TSConditionalType"===e.t
ype)return void
0===t||(0,n.default)(e,t);return!1},t.isTSInferType=function(e,t){if(!e)return!1;if("TSInferType"===e.type)return
void
0===t||(0,n.default)(e,t);return!1},t.isTSParenthesizedType=function(e,t){if(!e)return!1;if("TSParenthesizedType"=
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeOperator=function(e,t){if(!e)return!1;if("TSTypeOperator"===e.type)r
eturn void
0===t||(0,n.default)(e,t);return!1},t.isTSIndexedAccessType=function(e,t){if(!e)return!1;if("TSIndexedAccessType"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSMappedType=function(e,t){if(!e)return!1;if("TSMappedType"===e.type)ret
urn void
0===t||(0,n.default)(e,t);return!1},t.isTSLiteralType=function(e,t){if(!e)return!1;if("TSLiteralType"===e.type)retur
n void
0===t||(0,n.default)(e,t);return!1},t.isTSExpressionWithTypeArguments=function(e,t){if(!e)return!1;if("TSExpressi
onWithTypeArguments"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSInterfaceDeclaration=function(e,t){if(!e)return!1;if("TSInterfaceDeclaration
"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSInterfaceBody=function(e,t){if(!e)return!1;if("TSInterfaceBody"===e.type)r
eturn void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeAliasDeclaration=function(e,t){if(!e)return!1;if("TSTypeAliasDeclarati
on"===e.type)return void

```

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0===t||(0,n.default)(e,t);return!1},t.isTSAsExpression=function(e,t){if(!e)return!1;if("TSAsExpression"===e.type)r
eturn void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeAssertion=function(e,t){if(!e)return!1;if("TSTypeAssertion"===e.type)
return void
0===t||(0,n.default)(e,t);return!1},t.isTSEnumDeclaration=function(e,t){if(!e)return!1;if("TSEnumDeclaration"===e
.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSEnumMember=function(e,t){if(!e)return!1;if("TSEnumMember"===e.type)
return void
0===t||(0,n.default)(e,t);return!1},t.isTSMODULEDeclaration=function(e,t){if(!e)return!1;if("TSMODULEDeclaration"=
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSMODULEBlock=function(e,t){if(!e)return!1;if("TSMODULEBlock"===e.type)re
turn void
0===t||(0,n.default)(e,t);return!1},t.isTSImportType=function(e,t){if(!e)return!1;if("TSImportType"===e.type)retur
n void
0===t||(0,n.default)(e,t);return!1},t.isTSImportEqualsDeclaration=function(e,t){if(!e)return!1;if("TSImportEqualsD
eclaration"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSEXTERNALModuleReference=function(e,t){if(!e)return!1;if("TSEXTERNALModul
eReference"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSNonNullExpression=function(e,t){if(!e)return!1;if("TSNonNullExpression"
===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSEXPORTAssignment=function(e,t){if(!e)return!1;if("TSEXPORTAssignment"==
=e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSNamespaceExportDeclaration=function(e,t){if(!e)return!1;if("TSNamespace
ExportDeclaration"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeAnnotation=function(e,t){if(!e)return!1;if("TSTypeAnnotation"===e.t
ype)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeParameterInstantiation=function(e,t){if(!e)return!1;if("TSTypeParamet
erInstantiation"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeParameterDeclaration=function(e,t){if(!e)return!1;if("TSTypeParamete
rDeclaration"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeParameter=function(e,t){if(!e)return!1;if("TSTypeParameter"===e.typ
e)return void
0===t||(0,n.default)(e,t);return!1},t.isExpression=function(e,t){if(!e)return!1;const
r=e.type;if("ArrayExpression"===r||"AssignmentExpression"===r||"BinaryExpression"===r||"CallExpression"===r||
"ConditionalExpression"===r||"FunctionExpression"===r||"Identifier"===r||"StringLiteral"===r||"NumericLiteral"=
===r||"NullLiteral"===r||"BooleanLiteral"===r||"RegExpLiteral"===r||"LogicalExpression"===r||"MemberExpressio
n"===r||"NewExpression"===r||"ObjectExpression"===r||"SequenceExpression"===r||"ParenthesizedExpression"==
=r||"ThisExpression"===r||"UnaryExpression"===r||"UpdateExpression"===r||"ArrowFunctionExpression"===r||"Cl
assExpression"===r||"MetaProperty"===r||"Super"===r||"TaggedTemplateExpression"===r||"TemplateLiteral"===r|
|"YieldExpression"===r||"AwaitExpression"===r||"Import"===r||"BigIntLiteral"===r||"OptionalMemberExpression
"===r||"OptionalCallExpression"===r||"TypeCastExpression"===r||"JSXElement"===r||"JSXFragment"===r||"Bind
Expression"===r||"PipelinePrimaryTopicReference"===r||"DoExpression"===r||"RecordExpression"===r||"TupleEx
pression"===r||"DecimalLiteral"===r||"ModuleExpression"===r||"TSAsExpression"===r||"TSTypeAssertion"===r||
"TSNonNullExpression"===r||"Placeholder"===r&&("Expression"===e.expectedNode||"Identifier"===e.expectedN
ode||"StringLiteral"===e.expectedNode))return void
0===t||(0,n.default)(e,t);return!1},t.isBinary=function(e,t){if(!e)return!1;const
r=e.type;if("BinaryExpression"===r||"LogicalExpression"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isScopable=function(e,t){if(!e)return!1;const
r=e.type;if("BlockStatement"===r||"CatchClause"===r||"DoWhileStatement"===r||"ForInStatement"===r||"ForState

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ment"===r||"FunctionDeclaration"===r||"FunctionExpression"===r||"Program"===r||"ObjectMethod"===r||"Switch
Statement"===r||"WhileStatement"===r||"ArrowFunctionExpression"===r||"ClassExpression"===r||"ClassDeclarati
on"===r||"ForOfStatement"===r||"ClassMethod"===r||"ClassPrivateMethod"===r||"StaticBlock"===r||"TSMODULEB
lock"===r||"Placeholder"===r&&"BlockStatement"===e.expectedNode)return void
0===t||(0,n.default)(e,t);return!1},t.isBlockParent=function(e,t){if(!e)return!1;const
r=e.type;if("BlockStatement"===r||"CatchClause"===r||"DoWhileStatement"===r||"ForInStatement"===r||"ForState
ment"===r||"FunctionDeclaration"===r||"FunctionExpression"===r||"Program"===r||"ObjectMethod"===r||"Switch
Statement"===r||"WhileStatement"===r||"ArrowFunctionExpression"===r||"ForOfStatement"===r||"ClassMethod"=
===r||"ClassPrivateMethod"===r||"StaticBlock"===r||"TSMODULEBLOCK"===r||"Placeholder"===r&&"BlockStatemen
t"===e.expectedNode)return void 0===t||(0,n.default)(e,t);return!1},t.isBlock=function(e,t){if(!e)return!1;const
r=e.type;if("BlockStatement"===r||"Program"===r||"TSMODULEBLOCK"===r||"Placeholder"===r&&"BlockStatement
"===e.expectedNode)return void 0===t||(0,n.default)(e,t);return!1},t.isStatement=function(e,t){if(!e)return!1;const
r=e.type;if("BlockStatement"===r||"BreakStatement"===r||"ContinueStatement"===r||"DebuggerStatement"===r||"
DoWhileStatement"===r||"EmptyStatement"===r||"ExpressionStatement"===r||"ForInStatement"===r||"ForStateme
nt"===r||"FunctionDeclaration"===r||"IfStatement"===r||"LabeledStatement"===r||"ReturnStatement"===r||"Switch
Statement"===r||"ThrowStatement"===r||"TryStatement"===r||"VariableDeclaration"===r||"WhileStatement"===r||
"WithStatement"===r||"ClassDeclaration"===r||"ExportAllDeclaration"===r||"ExportDefaultDeclaration"===r||"Ex
portNamedDeclaration"===r||"ForOfStatement"===r||"ImportDeclaration"===r||"DeclareClass"===r||"DeclareFunc
tion"===r||"DeclareInterface"===r||"DeclareModule"===r||"DeclareModuleExports"===r||"DeclareTypeAlias"===r||
"DeclareOpaqueType"===r||"DeclareVariable"===r||"DeclareExportDeclaration"===r||"DeclareExportAllDeclarati
on"===r||"InterfaceDeclaration"===r||"OpaqueType"===r||"TypeAlias"===r||"EnumDeclaration"===r||"TSDeclareFu
nction"===r||"TSInterfaceDeclaration"===r||"TSTypeAliasDeclaration"===r||"TSEnumDeclaration"===r||"TSModu
leDeclaration"===r||"TSImportEqualsDeclaration"===r||"TSExportAssignment"===r||"TSNamespaceExportDeclara
tion"===r||"Placeholder"===r&&("Statement"===e.expectedNode||"Declaration"===e.expectedNode||"BlockStatem
ent"===e.expectedNode))return void
0===t||(0,n.default)(e,t);return!1},t.isTerminatorless=function(e,t){if(!e)return!1;const
r=e.type;if("BreakStatement"===r||"ContinueStatement"===r||"ReturnStatement"===r||"ThrowStatement"===r||"Yie
ldExpression"===r||"AwaitExpression"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isCompletionStatement=function(e,t){if(!e)return!1;const
r=e.type;if("BreakStatement"===r||"ContinueStatement"===r||"ReturnStatement"===r||"ThrowStatement"===r)return
void 0===t||(0,n.default)(e,t);return!1},t.isConditional=function(e,t){if(!e)return!1;const
r=e.type;if("ConditionalExpression"===r||"IfStatement"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isLoop=function(e,t){if(!e)return!1;const
r=e.type;if("DoWhileStatement"===r||"ForInStatement"===r||"ForStatement"===r||"WhileStatement"===r||"ForOfS
tatement"===r)return void 0===t||(0,n.default)(e,t);return!1},t.isWhile=function(e,t){if(!e)return!1;const
r=e.type;if("DoWhileStatement"===r||"WhileStatement"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isExpressionWrapper=function(e,t){if(!e)return!1;const
r=e.type;if("ExpressionStatement"===r||"ParenthesizedExpression"===r||"TypeCastExpression"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isFor=function(e,t){if(!e)return!1;const
r=e.type;if("ForInStatement"===r||"ForStatement"===r||"ForOfStatement"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isForXStatement=function(e,t){if(!e)return!1;const
r=e.type;if("ForInStatement"===r||"ForOfStatement"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isFunction=function(e,t){if(!e)return!1;const
r=e.type;if("FunctionDeclaration"===r||"FunctionExpression"===r||"ObjectMethod"===r||"ArrowFunctionExpressio
n"===r||"ClassMethod"===r||"ClassPrivateMethod"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isFunctionParent=function(e,t){if(!e)return!1;const
r=e.type;if("FunctionDeclaration"===r||"FunctionExpression"===r||"ObjectMethod"===r||"ArrowFunctionExpressio
n"===r||"ClassMethod"===r||"ClassPrivateMethod"===r)return void

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0===t||(0,n.default)(e,t);return!1},t.isPureish=function(e,t){if(!e)return!1;const
r=e.type;if("FunctionDeclaration"===r||"FunctionExpression"===r||"StringLiteral"===r||"NumericLiteral"===r||"Nu
llLiteral"===r||"BooleanLiteral"===r||"RegExpLiteral"===r||"ArrowFunctionExpression"===r||"BigIntLiteral"===r||
"DecimalLiteral"===r||"Placeholder"===r&&"StringLiteral"===e.expectedNode)return void
0===t||(0,n.default)(e,t);return!1},t.isDeclaration=function(e,t){if(!e)return!1;const
r=e.type;if("FunctionDeclaration"===r||"VariableDeclaration"===r||"ClassDeclaration"===r||"ExportAllDeclaration
"===r||"ExportDefaultDeclaration"===r||"ExportNamedDeclaration"===r||"ImportDeclaration"===r||"DeclareClass"
===r||"DeclareFunction"===r||"DeclareInterface"===r||"DeclareModule"===r||"DeclareModuleExports"===r||"Decl
areTypeAlias"===r||"DeclareOpaqueType"===r||"DeclareVariable"===r||"DeclareExportDeclaration"===r||"Declare
ExportAllDeclaration"===r||"InterfaceDeclaration"===r||"OpaqueType"===r||"TypeAlias"===r||"EnumDeclaration"
===r||"TSDeclareFunction"===r||"TSInterfaceDeclaration"===r||"TSTypeAliasDeclaration"===r||"TSEnumDeclarat
ion"===r||"TSMODULEDECLARATION"===r||"Placeholder"===r&&"Declaration"===e.expectedNode)return void
0===t||(0,n.default)(e,t);return!1},t.isPatternLike=function(e,t){if(!e)return!1;const
r=e.type;if("Identifier"===r||"RestElement"===r||"AssignmentPattern"===r||"ArrayPattern"===r||"ObjectPattern"===
=r||"Placeholder"===r&&("Pattern"===e.expectedNode||"Identifier"===e.expectedNode))return void
0===t||(0,n.default)(e,t);return!1},t.isLVal=function(e,t){if(!e)return!1;const
r=e.type;if("Identifier"===r||"MemberExpression"===r||"RestElement"===r||"AssignmentPattern"===r||"ArrayPatte
rn"===r||"ObjectPattern"===r||"TSParameterProperty"===r||"Placeholder"===r&&("Pattern"===e.expectedNode||"I
dentifier"===e.expectedNode))return void
0===t||(0,n.default)(e,t);return!1},t.isTSEntityName=function(e,t){if(!e)return!1;const
r=e.type;if("Identifier"===r||"TSQualifiedName"===r||"Placeholder"===r&&"Identifier"===e.expectedNode)return
void 0===t||(0,n.default)(e,t);return!1},t.isLiteral=function(e,t){if(!e)return!1;const
r=e.type;if("StringLiteral"===r||"NumericLiteral"===r||"NullLiteral"===r||"BooleanLiteral"===r||"RegExpLiteral"=
===r||"TemplateLiteral"===r||"BigIntLiteral"===r||"DecimalLiteral"===r||"Placeholder"===r&&"StringLiteral"===e.
expectedNode)return void 0===t||(0,n.default)(e,t);return!1},t.isImmutable=function(e,t){if(!e)return!1;const
r=e.type;if("StringLiteral"===r||"NumericLiteral"===r||"NullLiteral"===r||"BooleanLiteral"===r||"BigIntLiteral"===
=r||"JSXAttribute"===r||"JSXClosingElement"===r||"JSXElement"===r||"JSXExpressionContainer"===r||"JSXSpres
adChild"===r||"JSXOpeningElement"===r||"JSXText"===r||"JSXFragment"===r||"JSXOpeningFragment"===r||"JS
XClosingFragment"===r||"DecimalLiteral"===r||"Placeholder"===r&&"StringLiteral"===e.expectedNode)return
void 0===t||(0,n.default)(e,t);return!1},t.isUserWhitespacable=function(e,t){if(!e)return!1;const
r=e.type;if("ObjectMethod"===r||"ObjectProperty"===r||"ObjectTypeInternalSlot"===r||"ObjectTypeCallProperty"=
===r||"ObjectTypeIndexer"===r||"ObjectTypeProperty"===r||"ObjectTypeSpreadProperty"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isMethod=function(e,t){if(!e)return!1;const
r=e.type;if("ObjectMethod"===r||"ClassMethod"===r||"ClassPrivateMethod"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isObjectMember=function(e,t){if(!e)return!1;const
r=e.type;if("ObjectMethod"===r||"ObjectProperty"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isProperty=function(e,t){if(!e)return!1;const
r=e.type;if("ObjectProperty"===r||"ClassProperty"===r||"ClassPrivateProperty"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isUnaryLike=function(e,t){if(!e)return!1;const
r=e.type;if("UnaryExpression"===r||"SpreadElement"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isPattern=function(e,t){if(!e)return!1;const
r=e.type;if("AssignmentPattern"===r||"ArrayPattern"===r||"ObjectPattern"===r||"Placeholder"===r&&"Pattern"===
=e.expectedNode)return void 0===t||(0,n.default)(e,t);return!1},t.isClass=function(e,t){if(!e)return!1;const
r=e.type;if("ClassExpression"===r||"ClassDeclaration"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isModuleDeclaration=function(e,t){if(!e)return!1;const
r=e.type;if("ExportAllDeclaration"===r||"ExportDefaultDeclaration"===r||"ExportNamedDeclaration"===r||"Import
Declaration"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isExportDeclaration=function(e,t){if(!e)return!1;const

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r=e.type;if("ExportAllDeclaration"===r||"ExportDefaultDeclaration"===r||"ExportNamedDeclaration"===r)return
void 0===t||(0,n.default)(e,t);return!1},t.isModuleSpecifier=function(e,t){if(!e)return!1;const
r=e.type;if("ExportSpecifier"===r||"ImportDefaultSpecifier"===r||"ImportNamespaceSpecifier"===r||"ImportSpecif
ier"===r||"ExportNamespaceSpecifier"===r||"ExportDefaultSpecifier"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isFlow=function(e,t){if(!e)return!1;const
r=e.type;if("AnyTypeAnnotation"===r||"ArrayTypeAnnotation"===r||"BooleanTypeAnnotation"===r||"BooleanLite
ralTypeAnnotation"===r||"NullLiteralTypeAnnotation"===r||"ClassImplements"===r||"DeclareClass"===r||"Declar
eFunction"===r||"DeclareInterface"===r||"DeclareModule"===r||"DeclareModuleExports"===r||"DeclareTypeAlias
"===r||"DeclareOpaqueType"===r||"DeclareVariable"===r||"DeclareExportDeclaration"===r||"DeclareExportAllDe
claration"===r||"DeclaredPredicate"===r||"ExistsTypeAnnotation"===r||"FunctionTypeAnnotation"===r||"Function
TypeParam"===r||"GenericTypeAnnotation"===r||"InferredPredicate"===r||"InterfaceExtends"===r||"InterfaceDecl
aration"===r||"InterfaceTypeAnnotation"===r||"IntersectionTypeAnnotation"===r||"MixedTypeAnnotation"===r||"
EmptyTypeAnnotation"===r||"NullableTypeAnnotation"===r||"NumberLiteralTypeAnnotation"===r||"NumberType
Annotation"===r||"ObjectTypeAnnotation"===r||"ObjectTypeInternalSlot"===r||"ObjectTypeCallProperty"===r||"O
bjectTypeIndexer"===r||"ObjectTypeProperty"===r||"ObjectTypeSpreadProperty"===r||"OpaqueType"===r||"Quali
fiedTypeIdentifier"===r||"StringLiteralTypeAnnotation"===r||"StringTypeAnnotation"===r||"SymbolTypeAnnotati
on"===r||"ThisTypeAnnotation"===r||"TupleTypeAnnotation"===r||"TypeofTypeAnnotation"===r||"TypeAlias"===
=r||"TypeAnnotation"===r||"TypeCastExpression"===r||"TypeParameter"===r||"TypeParameterDeclaration"===r||"
TypeParameterInstantiation"===r||"UnionTypeAnnotation"===r||"Variance"===r||"VoidTypeAnnotation"===r||"Ind
exedAccessType"===r||"OptionalIndexedAccessType"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isFlowType=function(e,t){if(!e)return!1;const
r=e.type;if("AnyTypeAnnotation"===r||"ArrayTypeAnnotation"===r||"BooleanTypeAnnotation"===r||"BooleanLite
ralTypeAnnotation"===r||"NullLiteralTypeAnnotation"===r||"ExistsTypeAnnotation"===r||"FunctionTypeAnnotati
on"===r||"GenericTypeAnnotation"===r||"InterfaceTypeAnnotation"===r||"IntersectionTypeAnnotation"===r||"Mix
edTypeAnnotation"===r||"EmptyTypeAnnotation"===r||"NullableTypeAnnotation"===r||"NumberLiteralTypeAnno
tation"===r||"NumberTypeAnnotation"===r||"ObjectTypeAnnotation"===r||"StringLiteralTypeAnnotation"===r||"St
ringTypeAnnotation"===r||"SymbolTypeAnnotation"===r||"ThisTypeAnnotation"===r||"TupleTypeAnnotation"===
=r||"TypeofTypeAnnotation"===r||"UnionTypeAnnotation"===r||"VoidTypeAnnotation"===r||"IndexedAccessType
"===r||"OptionalIndexedAccessType"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isFlowBaseAnnotation=function(e,t){if(!e)return!1;const
r=e.type;if("AnyTypeAnnotation"===r||"BooleanTypeAnnotation"===r||"NullLiteralTypeAnnotation"===r||"Mixed
TypeAnnotation"===r||"EmptyTypeAnnotation"===r||"NumberTypeAnnotation"===r||"StringTypeAnnotation"===r
||"SymbolTypeAnnotation"===r||"ThisTypeAnnotation"===r||"VoidTypeAnnotation"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isFlowDeclaration=function(e,t){if(!e)return!1;const
r=e.type;if("DeclareClass"===r||"DeclareFunction"===r||"DeclareInterface"===r||"DeclareModule"===r||"DeclareM
oduleExports"===r||"DeclareTypeAlias"===r||"DeclareOpaqueType"===r||"DeclareVariable"===r||"DeclareExport
Declaration"===r||"DeclareExportAllDeclaration"===r||"InterfaceDeclaration"===r||"OpaqueType"===r||"TypeAlia
s"===r)return void 0===t||(0,n.default)(e,t);return!1},t.isFlowPredicate=function(e,t){if(!e)return!1;const
r=e.type;if("DeclaredPredicate"===r||"InferredPredicate"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isEnumBody=function(e,t){if(!e)return!1;const
r=e.type;if("EnumBooleanBody"===r||"EnumNumberBody"===r||"EnumStringBody"===r||"EnumSymbolBody"===
=r)return void 0===t||(0,n.default)(e,t);return!1},t.isEnumMember=function(e,t){if(!e)return!1;const
r=e.type;if("EnumBooleanMember"===r||"EnumNumberMember"===r||"EnumStringMember"===r||"EnumDefault
edMember"===r)return void 0===t||(0,n.default)(e,t);return!1},t.isJSX=function(e,t){if(!e)return!1;const
r=e.type;if("JSXAttribute"===r||"JSXClosingElement"===r||"JSXElement"===r||"JSXEmptyExpression"===r||"JSX
ExpressionContainer"===r||"JSXSpreadChild"===r||"JSXIdentifier"===r||"JSXMemberExpression"===r||"JSXNam
espacedName"===r||"JSXOpeningElement"===r||"JSXSpreadAttribute"===r||"JSXText"===r||"JSXFragment"===r
||"JSXOpeningFragment"===r||"JSXClosingFragment"===r)return void

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0===t||(0,n.default)(e,t);return!1},t.isPrivate=function(e,t){if(!e)return!1;const
r=e.type;if("ClassPrivateProperty"===r||"ClassPrivateMethod"===r||"PrivateName"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isTSTypeElement=function(e,t){if(!e)return!1;const
r=e.type;if("TSCallSignatureDeclaration"===r||"TSConstructSignatureDeclaration"===r||"TSPropertySignature"===
=r||"TSMethodSignature"===r||"TSIndexSignature"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isTSType=function(e,t){if(!e)return!1;const
r=e.type;if("TSAnyKeyword"===r||"TSBooleanKeyword"===r||"TSBigIntKeyword"===r||"TSIntrinsicKeyword"===
=r||"TSNeverKeyword"===r||"TSNullKeyword"===r||"TSNumberKeyword"===r||"TSObjectKeyword"===r||"TSStr
ingKeyword"===r||"TSSymbolKeyword"===r||"TSUndefinedKeyword"===r||"TSUnknownKeyword"===r||"TSVoi
dKeyword"===r||"TSThisType"===r||"TSFunctionType"===r||"TSConstructorType"===r||"TSTypeReference"===r
||"TSTypePredicate"===r||"TSTypeQuery"===r||"TSTypeLiteral"===r||"TSArrayType"===r||"TSTupleType"===r||"
TSOptionalType"===r||"TSRestType"===r||"TSUnionType"===r||"TSIntersectionType"===r||"TSConditionalType"
===r||"TSInferType"===r||"TSParenthesizedType"===r||"TSTypeOperator"===r||"TSIndexedAccessType"===r||"T
SMappedType"===r||"TSLiteralType"===r||"TSExpressionWithTypeArguments"===r||"TSImportType"===r)return
void 0===t||(0,n.default)(e,t);return!1},t.isTSBaseType=function(e,t){if(!e)return!1;const
r=e.type;if("TSAnyKeyword"===r||"TSBooleanKeyword"===r||"TSBigIntKeyword"===r||"TSIntrinsicKeyword"===
=r||"TSNeverKeyword"===r||"TSNullKeyword"===r||"TSNumberKeyword"===r||"TSObjectKeyword"===r||"TSStr
ingKeyword"===r||"TSSymbolKeyword"===r||"TSUndefinedKeyword"===r||"TSUnknownKeyword"===r||"TSVoi
dKeyword"===r||"TSThisType"===r||"TSLiteralType"===r)return void
0===t||(0,n.default)(e,t);return!1},t.isNumberLiteral=function(e,t){if(console.trace("The node type NumberLiteral
has been renamed to NumericLiteral"),!e)return!1;if("NumberLiteral"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isRegexLiteral=function(e,t){if(console.trace("The node type RegexLiteral has
been renamed to RegExpLiteral"),!e)return!1;if("RegexLiteral"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isRestProperty=function(e,t){if(console.trace("The node type RestProperty has
been renamed to RestElement"),!e)return!1;if("RestProperty"===e.type)return void
0===t||(0,n.default)(e,t);return!1},t.isSpreadProperty=function(e,t){if(console.trace("The node type SpreadProperty
has been renamed to SpreadElement"),!e)return!1;if("SpreadProperty"===e.type)return void
0===t||(0,n.default)(e,t);return!1};var n=r(54)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.isArrayExpression=function(e,t){if(!e)return!1;if("Array
Expression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isAssignmentExpression=function(e,t){if(!e)return!1;if("AssignmentExpression"
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isBinaryExpression=function(e,t){if(!e)return!1;if("BinaryExpression"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isInterpreterDirective=function(e,t){if(!e)return!1;if("InterpreterDirective"===e.t
ype)return void
0===t||(0,i.default)(e,t);return!1},t.isDirective=function(e,t){if(!e)return!1;if("Directive"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isDirectiveLiteral=function(e,t){if(!e)return!1;if("DirectiveLiteral"===e.type)retu
rn void
0===t||(0,i.default)(e,t);return!1},t.isBlockStatement=function(e,t){if(!e)return!1;if("BlockStatement"===e.type)retu
rn void
0===t||(0,i.default)(e,t);return!1},t.isBreakStatement=function(e,t){if(!e)return!1;if("BreakStatement"===e.type)retu
rn void
0===t||(0,i.default)(e,t);return!1},t.isCallExpression=function(e,t){if(!e)return!1;if("CallExpression"===e.type)retu
rn void
0===t||(0,i.default)(e,t);return!1},t.isCatchClause=function(e,t){if(!e)return!1;if("CatchClause"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isConditionalExpression=function(e,t){if(!e)return!1;if("ConditionalExpression"

```

```

===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isContinueStatement=function(e,t){if(!e)return!1;if("ContinueStatement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isDebuggerStatement=function(e,t){if(!e)return!1;if("DebuggerStatement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isDoWhileStatement=function(e,t){if(!e)return!1;if("DoWhileStatement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEmptyStatement=function(e,t){if(!e)return!1;if("EmptyStatement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isExpressionStatement=function(e,t){if(!e)return!1;if("ExpressionStatement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isFile=function(e,t){if(!e)return!1;if("File"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isForInStatement=function(e,t){if(!e)return!1;if("ForInStatement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isForStatement=function(e,t){if(!e)return!1;if("ForStatement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isFunctionDeclaration=function(e,t){if(!e)return!1;if("FunctionDeclaration"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isFunctionExpression=function(e,t){if(!e)return!1;if("FunctionExpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isIdentifier=function(e,t){if(!e)return!1;if("Identifier"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isIfStatement=function(e,t){if(!e)return!1;if("IfStatement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isLabeledStatement=function(e,t){if(!e)return!1;if("LabeledStatement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isStringLiteral=function(e,t){if(!e)return!1;if("StringLiteral"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isNumericLiteral=function(e,t){if(!e)return!1;if("NumericLiteral"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isNullLiteral=function(e,t){if(!e)return!1;if("NullLiteral"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isBooleanLiteral=function(e,t){if(!e)return!1;if("BooleanLiteral"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isRegExpLiteral=function(e,t){if(!e)return!1;if("RegExpLiteral"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isLogicalExpression=function(e,t){if(!e)return!1;if("LogicalExpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isMemberExpression=function(e,t){if(!e)return!1;if("MemberExpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isNewExpression=function(e,t){if(!e)return!1;if("NewExpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isProgram=function(e,t){if(!e)return!1;if("Program"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectExpression=function(e,t){if(!e)return!1;if("ObjectExpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectMethod=function(e,t){if(!e)return!1;if("ObjectMethod"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectProperty=function(e,t){if(!e)return!1;if("ObjectProperty"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isRestElement=function(e,t){if(!e)return!1;if("RestElement"===e.type)return void

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```

0===t||(0,i.default)(e,t);return!1},t.isReturnStatement=function(e,t){if(!e)return!1;if("ReturnStatement"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isSequenceExpression=function(e,t){if(!e)return!1;if("SequenceExpression"===e
.type)return void
0===t||(0,i.default)(e,t);return!1},t.isParenthesizedExpression=function(e,t){if(!e)return!1;if("ParenthesizedExpressi
on"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isSwitchCase=function(e,t){if(!e)return!1;if("SwitchCase"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isSwitchStatement=function(e,t){if(!e)return!1;if("SwitchStatement"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isThisExpression=function(e,t){if(!e)return!1;if("ThisExpression"===e.type)retur
n void
0===t||(0,i.default)(e,t);return!1},t.isThrowStatement=function(e,t){if(!e)return!1;if("ThrowStatement"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isTryStatement=function(e,t){if(!e)return!1;if("TryStatement"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isUnaryExpression=function(e,t){if(!e)return!1;if("UnaryExpression"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isUpdateExpression=function(e,t){if(!e)return!1;if("UpdateExpression"===e.type
)return void
0===t||(0,i.default)(e,t);return!1},t.isVariableDeclaration=function(e,t){if(!e)return!1;if("VariableDeclaration"===e.
type)return void
0===t||(0,i.default)(e,t);return!1},t.isVariableDeclarator=function(e,t){if(!e)return!1;if("VariableDeclarator"===e.ty
pe)return void
0===t||(0,i.default)(e,t);return!1},t.isWhileStatement=function(e,t){if(!e)return!1;if("WhileStatement"===e.type)ret
urn void
0===t||(0,i.default)(e,t);return!1},t.isWithStatement=function(e,t){if(!e)return!1;if("WithStatement"===e.type)retur
n void
0===t||(0,i.default)(e,t);return!1},t.isAssignmentPattern=function(e,t){if(!e)return!1;if("AssignmentPattern"===e.ty
pe)return void
0===t||(0,i.default)(e,t);return!1},t.isArrayPattern=function(e,t){if(!e)return!1;if("ArrayPattern"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isArrowFunctionExpression=function(e,t){if(!e)return!1;if("ArrowFunctionExpre
ssion"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isClassBody=function(e,t){if(!e)return!1;if("ClassBody"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isClassExpression=function(e,t){if(!e)return!1;if("ClassExpression"===e.type)ret
urn void
0===t||(0,i.default)(e,t);return!1},t.isClassDeclaration=function(e,t){if(!e)return!1;if("ClassDeclaration"===e.type)r
eturn void
0===t||(0,i.default)(e,t);return!1},t.isExportAllDeclaration=function(e,t){if(!e)return!1;if("ExportAllDeclaration"===
=e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isExportDefaultDeclaration=function(e,t){if(!e)return!1;if("ExportDefaultDeclara
tion"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isExportNamedDeclaration=function(e,t){if(!e)return!1;if("ExportNamedDeclara
tion"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isExportSpecifier=function(e,t){if(!e)return!1;if("ExportSpecifier"===e.type)retu
rn void
0===t||(0,i.default)(e,t);return!1},t.isForOfStatement=function(e,t){if(!e)return!1;if("ForOfStatement"===e.type)ret
urn void

```

```

0===t||(0,i.default)(e,t);return!1},t.isImportDeclaration=function(e,t){if(!e)return!1;if("ImportDeclaration"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isImportDefaultSpecifier=function(e,t){if(!e)return!1;if("ImportDefaultSpecifier"
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isImportNamespaceSpecifier=function(e,t){if(!e)return!1;if("ImportNamespaceS
pecifier"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isImportSpecifier=function(e,t){if(!e)return!1;if("ImportSpecifier"===e.type)retu
rn void
0===t||(0,i.default)(e,t);return!1},t.isMetaProperty=function(e,t){if(!e)return!1;if("MetaProperty"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isClassMethod=function(e,t){if(!e)return!1;if("ClassMethod"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isObjectPattern=function(e,t){if(!e)return!1;if("ObjectPattern"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isSpreadElement=function(e,t){if(!e)return!1;if("SpreadElement"===e.type)retur
n void
0===t||(0,i.default)(e,t);return!1},t.isSuper=function(e,t){if(!e)return!1;if("Super"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTaggedTemplateExpression=function(e,t){if(!e)return!1;if("TaggedTemplateEx
pression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTemplateElement=function(e,t){if(!e)return!1;if("TemplateElement"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isTemplateLiteral=function(e,t){if(!e)return!1;if("TemplateLiteral"===e.type)ret
urn void
0===t||(0,i.default)(e,t);return!1},t.isYieldExpression=function(e,t){if(!e)return!1;if("YieldExpression"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isAwaitExpression=function(e,t){if(!e)return!1;if("AwaitExpression"===e.type)r
eturn void
0===t||(0,i.default)(e,t);return!1},t.isImport=function(e,t){if(!e)return!1;if("Import"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isBigIntLiteral=function(e,t){if(!e)return!1;if("BigIntLiteral"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isExportNamespaceSpecifier=function(e,t){if(!e)return!1;if("ExportNamespaceS
pecifier"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isOptionalMemberExpression=function(e,t){if(!e)return!1;if("OptionalMemberE
xpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isOptionalCallExpression=function(e,t){if(!e)return!1;if("OptionalCallExpression
"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isAnyTypeAnnotation=function(e,t){if(!e)return!1;if("AnyTypeAnnotation"===e
.type)return void
0===t||(0,i.default)(e,t);return!1},t.isArrayTypeAnnotation=function(e,t){if(!e)return!1;if("ArrayTypeAnnotation"=
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isBooleanTypeAnnotation=function(e,t){if(!e)return!1;if("BooleanTypeAnnotati
on"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isBooleanLiteralTypeAnnotation=function(e,t){if(!e)return!1;if("BooleanLiteralT
ypeAnnotation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isNullLiteralTypeAnnotation=function(e,t){if(!e)return!1;if("NullLiteralTypeAnn
otation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isClassImplements=function(e,t){if(!e)return!1;if("ClassImplements"===e.type)r
eturn void
0===t||(0,i.default)(e,t);return!1},t.isDeclareClass=function(e,t){if(!e)return!1;if("DeclareClass"===e.type)return
void

```

```

0===t||(0,i.default)(e,t);return!1},t.isDeclareFunction=function(e,t){if(!e)return!1;if("DeclareFunction"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isDeclareInterface=function(e,t){if(!e)return!1;if("DeclareInterface"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isDeclareModule=function(e,t){if(!e)return!1;if("DeclareModule"===e.type)retur
n void
0===t||(0,i.default)(e,t);return!1},t.isDeclareModuleExports=function(e,t){if(!e)return!1;if("DeclareModuleExports"
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isDeclareTypeAlias=function(e,t){if(!e)return!1;if("DeclareTypeAlias"===e.type
)return void
0===t||(0,i.default)(e,t);return!1},t.isDeclareOpaqueType=function(e,t){if(!e)return!1;if("DeclareOpaqueType"===e
.type)return void
0===t||(0,i.default)(e,t);return!1},t.isDeclareVariable=function(e,t){if(!e)return!1;if("DeclareVariable"===e.type)ret
urn void
0===t||(0,i.default)(e,t);return!1},t.isDeclareExportDeclaration=function(e,t){if(!e)return!1;if("DeclareExportDeclar
ation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isDeclareExportAllDeclaration=function(e,t){if(!e)return!1;if("DeclareExportAll
Declaration"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isDeclaredPredicate=function(e,t){if(!e)return!1;if("DeclaredPredicate"===e.type
)return void
0===t||(0,i.default)(e,t);return!1},t.isExistsTypeAnnotation=function(e,t){if(!e)return!1;if("ExistsTypeAnnotation"=
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isFunctionTypeAnnotation=function(e,t){if(!e)return!1;if("FunctionTypeAnnotati
on"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isFunctionTypeParam=function(e,t){if(!e)return!1;if("FunctionTypeParam"===e.
type)return void
0===t||(0,i.default)(e,t);return!1},t.isGenericTypeAnnotation=function(e,t){if(!e)return!1;if("GenericTypeAnnotatio
n"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isInferredPredicate=function(e,t){if(!e)return!1;if("InferredPredicate"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isInterfaceExtends=function(e,t){if(!e)return!1;if("InterfaceExtends"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isInterfaceDeclaration=function(e,t){if(!e)return!1;if("InterfaceDeclaration"===e
.type)return void
0===t||(0,i.default)(e,t);return!1},t.isInterfaceTypeAnnotation=function(e,t){if(!e)return!1;if("InterfaceTypeAnnotati
on"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isIntersectionTypeAnnotation=function(e,t){if(!e)return!1;if("IntersectionTypeA
nnotation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isMixedTypeAnnotation=function(e,t){if(!e)return!1;if("MixedTypeAnnotation"
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEmptyTypeAnnotation=function(e,t){if(!e)return!1;if("EmptyTypeAnnotation"
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isNullableTypeAnnotation=function(e,t){if(!e)return!1;if("NullableTypeAnnotati
on"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isNumberLiteralTypeAnnotation=function(e,t){if(!e)return!1;if("NumberLiteralT
ypeAnnotation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isNumberTypeAnnotation=function(e,t){if(!e)return!1;if("NumberTypeAnnotatio
n"===e.type)return void

```

```

0===t||(0,i.default)(e,t);return!1},t.isObjectTypeAnnotation=function(e,t){if(!e)return!1;if("ObjectTypeAnnotation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectTypeInternalSlot=function(e,t){if(!e)return!1;if("ObjectTypeInternalSlot"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectTypeCallProperty=function(e,t){if(!e)return!1;if("ObjectTypeCallProperty"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectTypeIndexer=function(e,t){if(!e)return!1;if("ObjectTypeIndexer"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectTypeProperty=function(e,t){if(!e)return!1;if("ObjectTypeProperty"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectTypeSpreadProperty=function(e,t){if(!e)return!1;if("ObjectTypeSpreadProperty"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isOpaqueType=function(e,t){if(!e)return!1;if("OpaqueType"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isQualifiedTypeIdentifier=function(e,t){if(!e)return!1;if("QualifiedTypeIdentifier"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isStringLiteralTypeAnnotation=function(e,t){if(!e)return!1;if("StringLiteralTypeAnnotation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isStringTypeAnnotation=function(e,t){if(!e)return!1;if("StringTypeAnnotation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isSymbolTypeAnnotation=function(e,t){if(!e)return!1;if("SymbolTypeAnnotation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isThisTypeAnnotation=function(e,t){if(!e)return!1;if("ThisTypeAnnotation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTupleTypeAnnotation=function(e,t){if(!e)return!1;if("TupleTypeAnnotation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTypeofTypeAnnotation=function(e,t){if(!e)return!1;if("TypeofTypeAnnotation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTypeAlias=function(e,t){if(!e)return!1;if("TypeAlias"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTypeAnnotation=function(e,t){if(!e)return!1;if("TypeAnnotation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTypeCastExpression=function(e,t){if(!e)return!1;if("TypeCastExpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTypeParameter=function(e,t){if(!e)return!1;if("TypeParameter"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTypeParameterDeclaration=function(e,t){if(!e)return!1;if("TypeParameterDeclaration"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTypeParameterInstantiation=function(e,t){if(!e)return!1;if("TypeParameterInstantiation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isUnionTypeAnnotation=function(e,t){if(!e)return!1;if("UnionTypeAnnotation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isVariance=function(e,t){if(!e)return!1;if("Variance"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isVoidTypeAnnotation=function(e,t){if(!e)return!1;if("VoidTypeAnnotation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumDeclaration=function(e,t){if(!e)return!1;if("EnumDeclaration"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumBooleanBody=function(e,t){if(!e)return!1;if("EnumBooleanBody"===e.type)return void

```



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0===t||(0,i.default)(e,t);return!1},t.isEnumNumberBody=function(e,t){if(!e)return!1;if("EnumNumberBody"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumStringBody=function(e,t){if(!e)return!1;if("EnumStringBody"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumSymbolBody=function(e,t){if(!e)return!1;if("EnumSymbolBody"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumBooleanMember=function(e,t){if(!e)return!1;if("EnumBooleanMember"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumNumberMember=function(e,t){if(!e)return!1;if("EnumNumberMember"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumStringMember=function(e,t){if(!e)return!1;if("EnumStringMember"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumDefaultedMember=function(e,t){if(!e)return!1;if("EnumDefaultedMember"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXAttribute=function(e,t){if(!e)return!1;if("JSXAttribute"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXClosingElement=function(e,t){if(!e)return!1;if("JSXClosingElement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXElement=function(e,t){if(!e)return!1;if("JSXElement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXEmptyExpression=function(e,t){if(!e)return!1;if("JSXEmptyExpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXExpressionContainer=function(e,t){if(!e)return!1;if("JSXExpressionContainer"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXSpreadChild=function(e,t){if(!e)return!1;if("JSXSpreadChild"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXIdentifier=function(e,t){if(!e)return!1;if("JSXIdentifier"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXMemberExpression=function(e,t){if(!e)return!1;if("JSXMemberExpression"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXNamespacedName=function(e,t){if(!e)return!1;if("JSXNamespacedName"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXOpeningElement=function(e,t){if(!e)return!1;if("JSXOpeningElement"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXSpreadAttribute=function(e,t){if(!e)return!1;if("JSXSpreadAttribute"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXText=function(e,t){if(!e)return!1;if("JSXText"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXFragment=function(e,t){if(!e)return!1;if("JSXFragment"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXOpeningFragment=function(e,t){if(!e)return!1;if("JSXOpeningFragment"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isJSXClosingFragment=function(e,t){if(!e)return!1;if("JSXClosingFragment"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isNoop=function(e,t){if(!e)return!1;if("Noop"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isPlaceholder=function(e,t){if(!e)return!1;if("Placeholder"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isV8IntrinsicIdentifier=function(e,t){if(!e)return!1;if("V8IntrinsicIdentifier"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isArgumentPlaceholder=function(e,t){if(!e)return!1;if("ArgumentPlaceholder"===

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=e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isBindExpression=function(e,t){if(!e)return!1;if("BindExpression"===e.type)retu
rn void
0===t||(0,i.default)(e,t);return!1},t.isClassProperty=function(e,t){if(!e)return!1;if("ClassProperty"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isPipelineTopicExpression=function(e,t){if(!e)return!1;if("PipelineTopicExpressi
on"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isPipelineBareFunction=function(e,t){if(!e)return!1;if("PipelineBareFunction"===
=e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isPipelinePrimaryTopicReference=function(e,t){if(!e)return!1;if("PipelinePrimar
yTopicReference"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isClassPrivateProperty=function(e,t){if(!e)return!1;if("ClassPrivateProperty"===
e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isClassPrivateMethod=function(e,t){if(!e)return!1;if("ClassPrivateMethod"===e.
type)return void
0===t||(0,i.default)(e,t);return!1},t.isImportAttribute=function(e,t){if(!e)return!1;if("ImportAttribute"===e.type)retu
rn void
0===t||(0,i.default)(e,t);return!1},t.isDecorator=function(e,t){if(!e)return!1;if("Decorator"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isDoExpression=function(e,t){if(!e)return!1;if("DoExpression"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isExportDefaultSpecifier=function(e,t){if(!e)return!1;if("ExportDefaultSpecifier"
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isPrivateName=function(e,t){if(!e)return!1;if("PrivateName"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isRecordExpression=function(e,t){if(!e)return!1;if("RecordExpression"===e.type
)return void
0===t||(0,i.default)(e,t);return!1},t.isTupleExpression=function(e,t){if(!e)return!1;if("TupleExpression"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isDecimalLiteral=function(e,t){if(!e)return!1;if("DecimalLiteral"===e.type)retur
n void
0===t||(0,i.default)(e,t);return!1},t.isStaticBlock=function(e,t){if(!e)return!1;if("StaticBlock"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSPParameterProperty=function(e,t){if(!e)return!1;if("TSPParameterProperty"===
=e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSDeclareFunction=function(e,t){if(!e)return!1;if("TSDeclareFunction"===e.t
ype)return void
0===t||(0,i.default)(e,t);return!1},t.isTSDeclareMethod=function(e,t){if(!e)return!1;if("TSDeclareMethod"===e.typ
e)return void
0===t||(0,i.default)(e,t);return!1},t.isTSQualifiedName=function(e,t){if(!e)return!1;if("TSQualifiedName"===e.type
)return void
0===t||(0,i.default)(e,t);return!1},t.isTSCallSignatureDeclaration=function(e,t){if(!e)return!1;if("TSCallSignatureDe
claration"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSConstructSignatureDeclaration=function(e,t){if(!e)return!1;if("TSConstructS
ignatureDeclaration"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSPropertySignature=function(e,t){if(!e)return!1;if("TSPropertySignature"===
e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSMMethodSignature=function(e,t){if(!e)return!1;if("TSMMethodSignature"===e.
type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSIndexSignature=function(e,t){if(!e)return!1;if("TSIndexSignature"===e.type

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)return void
0===t||(0,i.default)(e,t);return!1},t.isTSAnyKeyword=function(e,t){if(!e)return!1;if("TSAnyKeyword"===e.type)ret
urn void
0===t||(0,i.default)(e,t);return!1},t.isTSBooleanKeyword=function(e,t){if(!e)return!1;if("TSBooleanKeyword"===e
.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSBigIntKeyword=function(e,t){if(!e)return!1;if("TSBigIntKeyword"===e.typ
e)return void
0===t||(0,i.default)(e,t);return!1},t.isTSIntrinsicKeyword=function(e,t){if(!e)return!1;if("TSIntrinsicKeyword"===e
.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSNeverKeyword=function(e,t){if(!e)return!1;if("TSNeverKeyword"===e.type
)return void
0===t||(0,i.default)(e,t);return!1},t.isTSNullKeyword=function(e,t){if(!e)return!1;if("TSNullKeyword"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isTSNumberKeyword=function(e,t){if(!e)return!1;if("TSNumberKeyword"===e.
type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSObjectKeyword=function(e,t){if(!e)return!1;if("TSObjectKeyword"===e.typ
e)return void
0===t||(0,i.default)(e,t);return!1},t.isTSStringKeyword=function(e,t){if(!e)return!1;if("TSStringKeyword"===e.type
)return void
0===t||(0,i.default)(e,t);return!1},t.isTSSymbolKeyword=function(e,t){if(!e)return!1;if("TSSymbolKeyword"===e.t
ype)return void
0===t||(0,i.default)(e,t);return!1},t.isTSUndefinedKeyword=function(e,t){if(!e)return!1;if("TSUndefinedKeyword"=
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSUnknownKeyword=function(e,t){if(!e)return!1;if("TSUnknownKeyword"===
=e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSVoidKeyword=function(e,t){if(!e)return!1;if("TSVoidKeyword"===e.type)r
eturn void
0===t||(0,i.default)(e,t);return!1},t.isTSThisType=function(e,t){if(!e)return!1;if("TSThisType"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isTSFunctionType=function(e,t){if(!e)return!1;if("TSFunctionType"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isTSConstructorType=function(e,t){if(!e)return!1;if("TSConstructorType"===e.t
ype)return void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeReference=function(e,t){if(!e)return!1;if("TSTypeReference"===e.type
)return void
0===t||(0,i.default)(e,t);return!1},t.isTSTypePredicate=function(e,t){if(!e)return!1;if("TSTypePredicate"===e.type)r
eturn void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeQuery=function(e,t){if(!e)return!1;if("TSTypeQuery"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeLiteral=function(e,t){if(!e)return!1;if("TSTypeLiteral"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isTSArrayType=function(e,t){if(!e)return!1;if("TSArrayType"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isTSTupleType=function(e,t){if(!e)return!1;if("TSTupleType"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isTSOptionalType=function(e,t){if(!e)return!1;if("TSOptionalType"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isTSRestType=function(e,t){if(!e)return!1;if("TSRestType"===e.type)return

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void
0===t||(0,i.default)(e,t);return!1},t.isTSNamedTupleMember=function(e,t){if(!e)return!1;if("TSNamedTupleMember"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSUnionType=function(e,t){if(!e)return!1;if("TSUnionType"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isTSIntersectionType=function(e,t){if(!e)return!1;if("TSIntersectionType"===e.t
ype)return void
0===t||(0,i.default)(e,t);return!1},t.isTSConditionalType=function(e,t){if(!e)return!1;if("TSConditionalType"===e.t
ype)return void
0===t||(0,i.default)(e,t);return!1},t.isTSInferType=function(e,t){if(!e)return!1;if("TSInferType"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isTSParenthesizedType=function(e,t){if(!e)return!1;if("TSParenthesizedType"==
=e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeOperator=function(e,t){if(!e)return!1;if("TSTypeOperator"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isTSIndexedAccessType=function(e,t){if(!e)return!1;if("TSIndexedAccessType"
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSMappedType=function(e,t){if(!e)return!1;if("TSMappedType"===e.type)ret
urn void
0===t||(0,i.default)(e,t);return!1},t.isTSLiteralType=function(e,t){if(!e)return!1;if("TSLiteralType"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isTSExpressionWithTypeArguments=function(e,t){if(!e)return!1;if("TSExpressio
nWithTypeArguments"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSInterfaceDeclaration=function(e,t){if(!e)return!1;if("TSInterfaceDeclaration"
===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSInterfaceBody=function(e,t){if(!e)return!1;if("TSInterfaceBody"===e.type)r
eturn void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeAliasDeclaration=function(e,t){if(!e)return!1;if("TSTypeAliasDeclarati
on"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSAsExpression=function(e,t){if(!e)return!1;if("TSAsExpression"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeAssertion=function(e,t){if(!e)return!1;if("TSTypeAssertion"===e.type)
return void
0===t||(0,i.default)(e,t);return!1},t.isTSEnumDeclaration=function(e,t){if(!e)return!1;if("TSEnumDeclaration"===e
.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSEnumMember=function(e,t){if(!e)return!1;if("TSEnumMember"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isTSModuleDeclaration=function(e,t){if(!e)return!1;if("TSModuleDeclaration"=
=e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSModuleBlock=function(e,t){if(!e)return!1;if("TSModuleBlock"===e.type)re
turn void
0===t||(0,i.default)(e,t);return!1},t.isTSImportType=function(e,t){if(!e)return!1;if("TSImportType"===e.type)return
void
0===t||(0,i.default)(e,t);return!1},t.isTSImportEqualsDeclaration=function(e,t){if(!e)return!1;if("TSImportEqualsDe
claration"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSExternalModuleReference=function(e,t){if(!e)return!1;if("TSExternalModul
eReference"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSNonNullExpression=function(e,t){if(!e)return!1;if("TSNonNullExpression"=

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===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSExportAssignment=function(e,t){if(!e)return!1;if("TSExportAssignment"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSNamespaceExportDeclaration=function(e,t){if(!e)return!1;if("TSNamespaceExportDeclaration"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeAnnotation=function(e,t){if(!e)return!1;if("TSTypeAnnotation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeParameterInstantiation=function(e,t){if(!e)return!1;if("TSTypeParameterInstantiation"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeParameterDeclaration=function(e,t){if(!e)return!1;if("TSTypeParameterDeclaration"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeParameter=function(e,t){if(!e)return!1;if("TSTypeParameter"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isExpression=function(e,t){if(!e)return!1;const r=e.type;if("Expression"===r||"ArrayExpression"===r||"AssignmentExpression"===r||"BinaryExpression"===r||"CallExpression"===r||"ConditionalExpression"===r||"FunctionExpression"===r||"Identifier"===r||"StringLiteral"===r||"NumericLiteral"===r||"NullLiteral"===r||"BooleanLiteral"===r||"RegExpLiteral"===r||"LogicalExpression"===r||"MemberExpression"===r||"NewExpression"===r||"ObjectExpression"===r||"SequenceExpression"===r||"ParenthesizedExpression"===r||"ThisExpression"===r||"UnaryExpression"===r||"UpdateExpression"===r||"ArrowFunctionExpression"===r||"ClassExpression"===r||"MetaProperty"===r||"Super"===r||"TaggedTemplateExpression"===r||"TemplateLiteral"===r||"YieldExpression"===r||"AwaitExpression"===r||"Import"===r||"BigIntLiteral"===r||"OptionalMemberExpression"===r||"OptionalCallExpression"===r||"TypeCastExpression"===r||"JSXElement"===r||"JSXFragment"===r||"BindExpression"===r||"PipelinePrimaryTopicReference"===r||"DoExpression"===r||"RecordExpression"===r||"TupleExpression"===r||"DecimalLiteral"===r||"TSAsExpression"===r||"TSTypeAssertion"===r||"TSNonNullExpression"===r||"Placeholder"===r&&("Expression"===e.expectedNode||"Identifier"===e.expectedNode||"StringLiteral"===e.expectedNode))return void
0===t||(0,i.default)(e,t);return!1},t.isBinary=function(e,t){if(!e)return!1;const r=e.type;if("Binary"===r||"BinaryExpression"===r||"LogicalExpression"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isScopable=function(e,t){if(!e)return!1;const r=e.type;if("Scopable"===r||"BlockStatement"===r||"CatchClause"===r||"DoWhileStatement"===r||"ForInStatement"===r||"ForStatement"===r||"FunctionDeclaration"===r||"FunctionExpression"===r||"Program"===r||"ObjectMethod"===r||"SwitchStatement"===r||"WhileStatement"===r||"ArrowFunctionExpression"===r||"ClassExpression"===r||"ClassDeclaration"===r||"ForOfStatement"===r||"ClassMethod"===r||"ClassPrivateMethod"===r||"StaticBlock"===r||"TSMODULEBlock"===r||"Placeholder"===r&&"BlockStatement"===e.expectedNode)return void
0===t||(0,i.default)(e,t);return!1},t.isBlockParent=function(e,t){if(!e)return!1;const r=e.type;if("BlockParent"===r||"BlockStatement"===r||"CatchClause"===r||"DoWhileStatement"===r||"ForInStatement"===r||"ForStatement"===r||"FunctionDeclaration"===r||"FunctionExpression"===r||"Program"===r||"ObjectMethod"===r||"SwitchStatement"===r||"WhileStatement"===r||"ArrowFunctionExpression"===r||"ForOfStatement"===r||"ClassMethod"===r||"ClassPrivateMethod"===r||"StaticBlock"===r||"TSMODULEBlock"===r||"Placeholder"===r&&"BlockStatement"===e.expectedNode)return void
0===t||(0,i.default)(e,t);return!1},t.isBlock=function(e,t){if(!e)return!1;const r=e.type;if("Block"===r||"BlockStatement"===r||"Program"===r||"TSMODULEBlock"===r||"Placeholder"===r&&"BlockStatement"===e.expectedNode)return void
0===t||(0,i.default)(e,t);return!1},t.isStatement=function(e,t){if(!e)return!1;const r=e.type;if("Statement"===r||"BlockStatement"===r||"BreakStatement"===r||"ContinueStatement"===r||"DebuggerStatement"===r||"DoWhileStatement"===r||"EmptyStatement"===r||"ExpressionStatement"===r||"ForInStatement"===r||"ForStatement"===r||"FunctionDeclaration"===r||"IfStatement"===r||"LabeledStatement"===r||"ReturnStatement"===r||"SwitchStatement"===r||"ThrowStatement"===r||"TryStatement"===r||"VariableDeclaration"===r||"WhileStatement"===r||"WithStatement"===r||"ClassDeclaration"===r||"ExportAllDeclaration"===r||"ExportDefaultDecl

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ation"===r||"ExportNamedDeclaration"===r||"ForOfStatement"===r||"ImportDeclaration"===r||"DeclareClass"===
r||"DeclareFunction"===r||"DeclareInterface"===r||"DeclareModule"===r||"DeclareModuleExports"===r||"Declare
TypeAlias"===r||"DeclareOpaqueType"===r||"DeclareVariable"===r||"DeclareExportDeclaration"===r||"DeclareEx
portAllDeclaration"===r||"InterfaceDeclaration"===r||"OpaqueType"===r||"TypeAlias"===r||"EnumDeclaration"===
r||"TSDeclareFunction"===r||"TSInterfaceDeclaration"===r||"TSTypeAliasDeclaration"===r||"TSEnumDeclaratio
n"===r||"TSMODULEDECLARATION"===r||"TSImportEqualsDeclaration"===r||"TSEXPORTASSIGNMENT"===r||"TSNamespac
eExportDeclaration"===r||"Placeholder"===r&&("Statement"===e.expectedNode||"Declaration"===e.expectedN
ode||"BlockStatement"===e.expectedNode))return void
0===t||(0,i.default)(e,t);return!1},t.isTerminatorless=function(e,t){if(!e)return!1;const
r=e.type;if("Terminatorless"===r||"BreakStatement"===r||"ContinueStatement"===r||"ReturnStatement"===r||"Thro
wStatement"===r||"YieldExpression"===r||"AwaitExpression"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isCompletionStatement=function(e,t){if(!e)return!1;const
r=e.type;if("CompletionStatement"===r||"BreakStatement"===r||"ContinueStatement"===r||"ReturnStatement"===r|
|"ThrowStatement"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isConditional=function(e,t){if(!e)return!1;const
r=e.type;if("Conditional"===r||"ConditionalExpression"===r||"IfStatement"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isLoop=function(e,t){if(!e)return!1;const
r=e.type;if("Loop"===r||"DoWhileStatement"===r||"ForInStatement"===r||"ForStatement"===r||"WhileStatement"=
===r||"ForOfStatement"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isWhile=function(e,t){if(!e)return!1;const
r=e.type;if("While"===r||"DoWhileStatement"===r||"WhileStatement"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isExpressionWrapper=function(e,t){if(!e)return!1;const
r=e.type;if("ExpressionWrapper"===r||"ExpressionStatement"===r||"ParenthesizedExpression"===r||"TypeCastExp
ression"===r)return void 0===t||(0,i.default)(e,t);return!1},t.isFor=function(e,t){if(!e)return!1;const
r=e.type;if("For"===r||"ForInStatement"===r||"ForStatement"===r||"ForOfStatement"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isForXStatement=function(e,t){if(!e)return!1;const
r=e.type;if("ForXStatement"===r||"ForInStatement"===r||"ForOfStatement"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isFunction=function(e,t){if(!e)return!1;const
r=e.type;if("Function"===r||"FunctionDeclaration"===r||"FunctionExpression"===r||"ObjectMethod"===r||"ArrowF
unctionExpression"===r||"ClassMethod"===r||"ClassPrivateMethod"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isFunctionParent=function(e,t){if(!e)return!1;const
r=e.type;if("FunctionParent"===r||"FunctionDeclaration"===r||"FunctionExpression"===r||"ObjectMethod"===r||"A
rrowFunctionExpression"===r||"ClassMethod"===r||"ClassPrivateMethod"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isPureish=function(e,t){if(!e)return!1;const
r=e.type;if("Pureish"===r||"FunctionDeclaration"===r||"FunctionExpression"===r||"StringLiteral"===r||"NumericLi
teral"===r||"NullLiteral"===r||"BooleanLiteral"===r||"RegExpLiteral"===r||"ArrowFunctionExpression"===r||"BigI
ntLiteral"===r||"DecimalLiteral"===r||"Placeholder"===r&&"StringLiteral"===e.expectedNode)return void
0===t||(0,i.default)(e,t);return!1},t.isDeclaration=function(e,t){if(!e)return!1;const
r=e.type;if("Declaration"===r||"FunctionDeclaration"===r||"VariableDeclaration"===r||"ClassDeclaration"===r||"E
xportAllDeclaration"===r||"ExportDefaultDeclaration"===r||"ExportNamedDeclaration"===r||"ImportDeclaration"=
===r||"DeclareClass"===r||"DeclareFunction"===r||"DeclareInterface"===r||"DeclareModule"===r||"DeclareModule
Exports"===r||"DeclareTypeAlias"===r||"DeclareOpaqueType"===r||"DeclareVariable"===r||"DeclareExportDeclara
tion"===r||"DeclareExportAllDeclaration"===r||"InterfaceDeclaration"===r||"OpaqueType"===r||"TypeAlias"===r
||"EnumDeclaration"===r||"TSDeclareFunction"===r||"TSInterfaceDeclaration"===r||"TSTypeAliasDeclaration"===
r||"TSEnumDeclaration"===r||"TSMODULEDECLARATION"===r||"Placeholder"===r&&"Declaration"===e.expectedNo
de)return void 0===t||(0,i.default)(e,t);return!1},t.isPatternLike=function(e,t){if(!e)return!1;const
r=e.type;if("PatternLike"===r||"Identifier"===r||"RestElement"===r||"AssignmentPattern"===r||"ArrayPattern"===r
||"ObjectPattern"===r||"Placeholder"===r&&("Pattern"===e.expectedNode||"Identifier"===e.expectedNode))return

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void 0===t||(0,i.default)(e,t);return!1},t.isLVal=function(e,t){if(!e)return!1;const
r=e.type;if("LVal"===r||"Identifier"===r||"MemberExpression"===r||"RestElement"===r||"AssignmentPattern"===r||
"ArrayPattern"===r||"ObjectPattern"===r||"TSParameterProperty"===r||"Placeholder"===r&&("Pattern"===e.expe
ctedNode||"Identifier"===e.expectedNode))return void
0===t||(0,i.default)(e,t);return!1},t.isTSEntityName=function(e,t){if(!e)return!1;const
r=e.type;if("TSEntityName"===r||"Identifier"===r||"TSQualifiedName"===r||"Placeholder"===r&&"Identifier"===
e.expectedNode)return void 0===t||(0,i.default)(e,t);return!1},t.isLiteral=function(e,t){if(!e)return!1;const
r=e.type;if("Literal"===r||"StringLiteral"===r||"NumericLiteral"===r||"NullLiteral"===r||"BooleanLiteral"===r||"Re
gExpLiteral"===r||"TemplateLiteral"===r||"BigIntLiteral"===r||"DecimalLiteral"===r||"Placeholder"===r&&"Strin
gLiteral"===e.expectedNode)return void
0===t||(0,i.default)(e,t);return!1},t.isImmutable=function(e,t){if(!e)return!1;const
r=e.type;if("Immutable"===r||"StringLiteral"===r||"NumericLiteral"===r||"NullLiteral"===r||"BooleanLiteral"===r||
"BigIntLiteral"===r||"JSXAttribute"===r||"JSXClosingElement"===r||"JSXElement"===r||"JSXExpressionContaine
r"===r||"JSXSpreadChild"===r||"JSXOpeningElement"===r||"JSXText"===r||"JSXFragment"===r||"JSXOpeningFr
agment"===r||"JSXClosingFragment"===r||"DecimalLiteral"===r||"Placeholder"===r&&"StringLiteral"===e.expec
tedNode)return void 0===t||(0,i.default)(e,t);return!1},t.isUserWhitespacable=function(e,t){if(!e)return!1;const
r=e.type;if("UserWhitespacable"===r||"ObjectMethod"===r||"ObjectProperty"===r||"ObjectTypeInternalSlot"===r||
"ObjectTypeCallProperty"===r||"ObjectTypeIndexer"===r||"ObjectTypeProperty"===r||"ObjectTypeSpreadPropert
y"===r)return void 0===t||(0,i.default)(e,t);return!1},t.isMethod=function(e,t){if(!e)return!1;const
r=e.type;if("Method"===r||"ObjectMethod"===r||"ClassMethod"===r||"ClassPrivateMethod"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isObjectMember=function(e,t){if(!e)return!1;const
r=e.type;if("ObjectMember"===r||"ObjectMethod"===r||"ObjectProperty"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isProperty=function(e,t){if(!e)return!1;const
r=e.type;if("Property"===r||"ObjectProperty"===r||"ClassProperty"===r||"ClassPrivateProperty"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isUnaryLike=function(e,t){if(!e)return!1;const
r=e.type;if("UnaryLike"===r||"UnaryExpression"===r||"SpreadElement"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isPattern=function(e,t){if(!e)return!1;const
r=e.type;if("Pattern"===r||"AssignmentPattern"===r||"ArrayPattern"===r||"ObjectPattern"===r||"Placeholder"===r
&&"Pattern"===e.expectedNode)return void
0===t||(0,i.default)(e,t);return!1},t.isClass=function(e,t){if(!e)return!1;const
r=e.type;if("Class"===r||"ClassExpression"===r||"ClassDeclaration"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isModuleDeclaration=function(e,t){if(!e)return!1;const
r=e.type;if("ModuleDeclaration"===r||"ExportAllDeclaration"===r||"ExportDefaultDeclaration"===r||"ExportName
dDeclaration"===r||"ImportDeclaration"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isExportDeclaration=function(e,t){if(!e)return!1;const
r=e.type;if("ExportDeclaration"===r||"ExportAllDeclaration"===r||"ExportDefaultDeclaration"===r||"ExportNamed
Declaration"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isModuleSpecifier=function(e,t){if(!e)return!1;const
r=e.type;if("ModuleSpecifier"===r||"ExportSpecifier"===r||"ImportDefaultSpecifier"===r||"ImportNamespaceSpeci
fier"===r||"ImportSpecifier"===r||"ExportNamespaceSpecifier"===r||"ExportDefaultSpecifier"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isFlow=function(e,t){if(!e)return!1;const
r=e.type;if("Flow"===r||"AnyTypeAnnotation"===r||"ArrayTypeAnnotation"===r||"BooleanTypeAnnotation"===r||
"BooleanLiteralTypeAnnotation"===r||"NullLiteralTypeAnnotation"===r||"ClassImplements"===r||"DeclareClass"
===r||"DeclareFunction"===r||"DeclareInterface"===r||"DeclareModule"===r||"DeclareModuleExports"===r||"Decl
areTypeAlias"===r||"DeclareOpaqueType"===r||"DeclareVariable"===r||"DeclareExportDeclaration"===r||"Declare
ExportAllDeclaration"===r||"DeclaredPredicate"===r||"ExistsTypeAnnotation"===r||"FunctionTypeAnnotation"===
=r||"FunctionTypeParam"===r||"GenericTypeAnnotation"===r||"InferredPredicate"===r||"InterfaceExtends"===r||"I
nterfaceDeclaration"===r||"InterfaceTypeAnnotation"===r||"IntersectionTypeAnnotation"===r||"MixedTypeAnnota

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tion"===r||"EmptyTypeAnnotation"===r||"NullableTypeAnnotation"===r||"NumberLiteralTypeAnnotation"===r||"
NumberTypeAnnotation"===r||"ObjectTypeAnnotation"===r||"ObjectTypeInternalSlot"===r||"ObjectTypeCallProp
erty"===r||"ObjectTypeIndexer"===r||"ObjectTypeProperty"===r||"ObjectTypeSpreadProperty"===r||"OpaqueType
"===r||"QualifiedTypeIdentifier"===r||"StringLiteralTypeAnnotation"===r||"StringTypeAnnotation"===r||"Symbol
TypeAnnotation"===r||"ThisTypeAnnotation"===r||"TupleTypeAnnotation"===r||"TypeofTypeAnnotation"===r||"T
ypeAlias"===r||"TypeAnnotation"===r||"TypeCastExpression"===r||"TypeParameter"===r||"TypeParameterDeclara
tion"===r||"TypeParameterInstantiation"===r||"UnionTypeAnnotation"===r||"Variance"===r||"VoidTypeAnnotatio
n"===r)return void 0===t||(0,i.default)(e,t);return!1},t.isFlowType=function(e,t){if(!e)return!1;const
r=e.type;if("FlowType"===r||"AnyTypeAnnotation"===r||"ArrayTypeAnnotation"===r||"BooleanTypeAnnotation"
===r||"BooleanLiteralTypeAnnotation"===r||"NullLiteralTypeAnnotation"===r||"ExistsTypeAnnotation"===r||"Fun
ctionTypeAnnotation"===r||"GenericTypeAnnotation"===r||"InterfaceTypeAnnotation"===r||"IntersectionTypeAnn
otation"===r||"MixedTypeAnnotation"===r||"EmptyTypeAnnotation"===r||"NullableTypeAnnotation"===r||"Numb
erLiteralTypeAnnotation"===r||"NumberTypeAnnotation"===r||"ObjectTypeAnnotation"===r||"StringLiteralTypeA
nnotation"===r||"StringTypeAnnotation"===r||"SymbolTypeAnnotation"===r||"ThisTypeAnnotation"===r||"TupleT
ypeAnnotation"===r||"TypeofTypeAnnotation"===r||"UnionTypeAnnotation"===r||"VoidTypeAnnotation"===r)ret
urn void 0===t||(0,i.default)(e,t);return!1},t.isFlowBaseAnnotation=function(e,t){if(!e)return!1;const
r=e.type;if("FlowBaseAnnotation"===r||"AnyTypeAnnotation"===r||"BooleanTypeAnnotation"===r||"NullLiteralT
ypeAnnotation"===r||"MixedTypeAnnotation"===r||"EmptyTypeAnnotation"===r||"NumberTypeAnnotation"===r||
"StringTypeAnnotation"===r||"SymbolTypeAnnotation"===r||"ThisTypeAnnotation"===r||"VoidTypeAnnotation"=
===r)return void 0===t||(0,i.default)(e,t);return!1},t.isFlowDeclaration=function(e,t){if(!e)return!1;const
r=e.type;if("FlowDeclaration"===r||"DeclareClass"===r||"DeclareFunction"===r||"DeclareInterface"===r||"Declare
Module"===r||"DeclareModuleExports"===r||"DeclareTypeAlias"===r||"DeclareOpaqueType"===r||"DeclareVariab
le"===r||"DeclareExportDeclaration"===r||"DeclareExportAllDeclaration"===r||"InterfaceDeclaration"===r||"Opaq
ueType"===r||"TypeAlias"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isFlowPredicate=function(e,t){if(!e)return!1;const
r=e.type;if("FlowPredicate"===r||"DeclaredPredicate"===r||"InferredPredicate"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumBody=function(e,t){if(!e)return!1;const
r=e.type;if("EnumBody"===r||"EnumBooleanBody"===r||"EnumNumberBody"===r||"EnumStringBody"===r||"Enum
mSymbolBody"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isEnumMember=function(e,t){if(!e)return!1;const
r=e.type;if("EnumMember"===r||"EnumBooleanMember"===r||"EnumNumberMember"===r||"EnumStringMembe
r"===r||"EnumDefaultedMember"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isJSX=function(e,t){if(!e)return!1;const
r=e.type;if("JSX"===r||"JSXAttribute"===r||"JSXClosingElement"===r||"JSXElement"===r||"JSXEmptyExpression
"===r||"JSXExpressionContainer"===r||"JSXSpreadChild"===r||"JSXIdentifier"===r||"JSXMemberExpression"===
r||"JSXNamespacedName"===r||"JSXOpeningElement"===r||"JSXSpreadAttribute"===r||"JSXText"===r||"JSXFrag
ment"===r||"JSXOpeningFragment"===r||"JSXClosingFragment"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isPrivate=function(e,t){if(!e)return!1;const
r=e.type;if("Private"===r||"ClassPrivateProperty"===r||"ClassPrivateMethod"===r||"PrivateName"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isTSTypeElement=function(e,t){if(!e)return!1;const
r=e.type;if("TSTypeElement"===r||"TSCallSignatureDeclaration"===r||"TSConstructSignatureDeclaration"===r||"T
SPropertySignature"===r||"TSMethodSignature"===r||"TSIndexSignature"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isTSType=function(e,t){if(!e)return!1;const
r=e.type;if("TSType"===r||"TSAnyKeyword"===r||"TSBooleanKeyword"===r||"TSBigIntKeyword"===r||"TSIntrin
sicKeyword"===r||"TSNeverKeyword"===r||"TSNullKeyword"===r||"TSNumberKeyword"===r||"TSObjectKeywo
rd"===r||"TSStringKeyword"===r||"TSSymbolKeyword"===r||"TSUndefinedKeyword"===r||"TSUnknownKeywo
rd"===r||"TSVoidKeyword"===r||"TSThisType"===r||"TSFunctionType"===r||"TSConstructorType"===r||"TSType
Reference"===r||"TSTypePredicate"===r||"TSTypeQuery"===r||"TSTypeLiteral"===r||"TSArrayType"===r||"TSTu

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pleType"===r||"TSOptionalType"===r||"TSRestType"===r||"TSUnionType"===r||"TSIntersectionType"===r||"TSC
onditionalType"===r||"TSInferType"===r||"TSParenthesizedType"===r||"TSTypeOperator"===r||"TSIndexedAcces
sType"===r||"TSMappedType"===r||"TSLiteralType"===r||"TSExpressionWithTypeArguments"===r||"TSImportT
ype"===r)return void 0===t||(0,i.default)(e,t);return!1},t.isTSBaseType=function(e,t){if(!e)return!1;const
r=e.type;if("TSBaseType"===r||"TSAnyKeyword"===r||"TSBooleanKeyword"===r||"TSBigIntKeyword"===r||"TS
IntrinsicKeyword"===r||"TSNeverKeyword"===r||"TSNullKeyword"===r||"TSNumberKeyword"===r||"TSObjectK
eyword"===r||"TSStrngKeyword"===r||"TSSymbolKeyword"===r||"TSUndefinedKeyword"===r||"TSUnknownKe
yword"===r||"TSVoidKeyword"===r||"TSThisType"===r||"TSLiteralType"===r)return void
0===t||(0,i.default)(e,t);return!1},t.isNumberLiteral=function(e,t){if(console.trace("The node type NumberLiteral
has been renamed to NumericLiteral"),!e)return!1;if("NumberLiteral"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isRegexLiteral=function(e,t){if(console.trace("The node type RegexLiteral has
been renamed to RegExpLiteral"),!e)return!1;if("RegexLiteral"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isRestProperty=function(e,t){if(console.trace("The node type RestProperty has
been renamed to RestElement"),!e)return!1;if("RestProperty"===e.type)return void
0===t||(0,i.default)(e,t);return!1},t.isSpreadProperty=function(e,t){if(console.trace("The node type SpreadProperty
has been renamed to SpreadElement"),!e)return!1;if("SpreadProperty"===e.type)return void
0===t||(0,i.default)(e,t);return!1};var n,i=(n=r(39))&&n.__esModule?n:{default:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.arrayExpression=function(e){return(0,n.default)("ArrayE
xpression",...arguments)},t.assignmentExpression=function(e,t,r){return(0,n.default)("AssignmentExpression",...arg
uments)},t.binaryExpression=function(e,t,r){return(0,n.default)("BinaryExpression",...arguments)},t.interpreterDire
ctive=function(e){return(0,n.default)("InterpreterDirective",...arguments)},t.directive=function(e){return(0,n.default
)("Directive",...arguments)},t.directiveLiteral=function(e){return(0,n.default)("DirectiveLiteral",...arguments)},t.blo
ckStatement=function(e,t){return(0,n.default)("BlockStatement",...arguments)},t.breakStatement=function(e){return
(0,n.default)("BreakStatement",...arguments)},t.callExpression=function(e,t){return(0,n.default)("CallExpression",...
arguments)},t.catchClause=function(e,t){return(0,n.default)("CatchClause",...arguments)},t.conditionalExpression=f
unction(e,t,r){return(0,n.default)("ConditionalExpression",...arguments)},t.continueStatement=function(e){return(0,
n.default)("ContinueStatement",...arguments)},t.debuggerStatement=function(){return(0,n.default)("DebuggerState
ment",...arguments)},t.doWhileStatement=function(e,t){return(0,n.default)("DoWhileStatement",...arguments)},t.em
ptyStatement=function(){return(0,n.default)("EmptyStatement",...arguments)},t.expressionStatement=function(e){re
turn(0,n.default)("ExpressionStatement",...arguments)},t.file=function(e,t,r){return(0,n.default)("File",...arguments
)},t.forInStatement=function(e,t,r){return(0,n.default)("ForInStatement",...arguments)},t.forStatement=function(e,t,r,i
){return(0,n.default)("ForStatement",...arguments)},t.functionDeclaration=function(e,t,r,i,s){return(0,n.default)("Fu
nctionDeclaration",...arguments)},t.functionExpression=function(e,t,r,i,s){return(0,n.default)("FunctionExpression",
...arguments)},t.identifier=function(e){return(0,n.default)("Identifier",...arguments)},t.ifStatement=function(e,t,r){re
turn(0,n.default)("IfStatement",...arguments)},t.labeledStatement=function(e,t){return(0,n.default)("LabeledStateme
nt",...arguments)},t.stringLiteral=function(e){return(0,n.default)("StringLiteral",...arguments)},t.numericLiteral=fun
ction(e){return(0,n.default)("NumericLiteral",...arguments)},t.nullLiteral=function(){return(0,n.default)("NullLiteral
",...arguments)},t.booleanLiteral=function(e){return(0,n.default)("BooleanLiteral",...arguments)},t.regExpLiteral=fun
ction(e,t){return(0,n.default)("RegExpLiteral",...arguments)},t.logicalExpression=function(e,t,r){return(0,n.default
)("LogicalExpression",...arguments)},t.memberExpression=function(e,t,r,i){return(0,n.default)("MemberExpression
",...arguments)},t.newExpression=function(e,t){return(0,n.default)("NewExpression",...arguments)},t.program=func
tion(e,t,r,i){return(0,n.default)("Program",...arguments)},t.objectExpression=function(e){return(0,n.default)("Object
Expression",...arguments)},t.objectMethod=function(e,t,r,i,s,a,o){return(0,n.default)("ObjectMethod",...arguments)},
t.objectProperty=function(e,t,r,i,s){return(0,n.default)("ObjectProperty",...arguments)},t.restElement=function(e){r
eturn(0,n.default)("RestElement",...arguments)},t.returnStatement=function(e){return(0,n.default)("ReturnStatement
",...arguments)},t.sequenceExpression=function(e){return(0,n.default)("SequenceExpression",...arguments)},t.parent
hesizedExpression=function(e){return(0,n.default)("ParenthesizedExpression",...arguments)},t.switchCase=function
(e,t){return(0,n.default)("SwitchCase",...arguments)},t.switchStatement=function(e,t){return(0,n.default)("SwitchSt

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atement",...arguments)},t.thisExpression=function(){return(0,n.default)("ThisExpression",...arguments)},t.throwStat
ement=function(e){return(0,n.default)("ThrowStatement",...arguments)},t.tryStatement=function(e,t,r){return(0,n.de
fault)("TryStatement",...arguments)},t.unaryExpression=function(e,t,r){return(0,n.default)("UnaryExpression",...arg
uments)},t.updateExpression=function(e,t,r){return(0,n.default)("UpdateExpression",...arguments)},t.variableDeclar
ation=function(e,t){return(0,n.default)("VariableDeclaration",...arguments)},t.variableDeclarator=function(e,t){retur
n(0,n.default)("VariableDeclarator",...arguments)},t.whileStatement=function(e,t){return(0,n.default)("WhileStatem
ent",...arguments)},t.withStatement=function(e,t){return(0,n.default)("WithStatement",...arguments)},t.assignmentP
attern=function(e,t){return(0,n.default)("AssignmentPattern",...arguments)},t.arrayPattern=function(e){return(0,n.de
fault)("ArrayPattern",...arguments)},t.arrowFunctionExpression=function(e,t,r){return(0,n.default)("ArrowFunction
Expression",...arguments)},t.classBody=function(e){return(0,n.default)("ClassBody",...arguments)},t.classExpressio
n=function(e,t,r,i){return(0,n.default)("ClassExpression",...arguments)},t.classDeclaration=function(e,t,r,i){return(0,
n.default)("ClassDeclaration",...arguments)},t.exportAllDeclaration=function(e){return(0,n.default)("ExportAllDecl
aration",...arguments)},t.exportDefaultDeclaration=function(e){return(0,n.default)("ExportDefaultDeclaration",...arg
uments)},t.exportNamedDeclaration=function(e,t,r){return(0,n.default)("ExportNamedDeclaration",...arguments)},t.
exportSpecifier=function(e,t){return(0,n.default)("ExportSpecifier",...arguments)},t.forOfStatement=function(e,t,r,i)
{return(0,n.default)("ForOfStatement",...arguments)},t.importDeclaration=function(e,t){return(0,n.default)("Import
Declaration",...arguments)},t.importDefaultSpecifier=function(e){return(0,n.default)("ImportDefaultSpecifier",...arg
uments)},t.importNamespaceSpecifier=function(e){return(0,n.default)("ImportNamespaceSpecifier",...arguments)},t.
importSpecifier=function(e,t){return(0,n.default)("ImportSpecifier",...arguments)},t.metaProperty=function(e,t){ret
urn(0,n.default)("MetaProperty",...arguments)},t.classMethod=function(e,t,r,i,s,a,o,l){return(0,n.default)("ClassMet
hod",...arguments)},t.objectPattern=function(e){return(0,n.default)("ObjectPattern",...arguments)},t.spreadElement=
function(e){return(0,n.default)("SpreadElement",...arguments)},t.super=function(){return(0,n.default)("Super",...arg
uments)},t.taggedTemplateExpression=function(e,t){return(0,n.default)("TaggedTemplateExpression",...arguments)
},t.templateElement=function(e,t){return(0,n.default)("TemplateElement",...arguments)},t.templateLiteral=function(
e,t){return(0,n.default)("TemplateLiteral",...arguments)},t.yieldExpression=function(e,t){return(0,n.default)("Yield
Expression",...arguments)},t.awaitExpression=function(e){return(0,n.default)("AwaitExpression",...arguments)},t.i
mport=function(){return(0,n.default)("Import",...arguments)},t.bigIntLiteral=function(e){return(0,n.default)("BigInt
Literal",...arguments)},t.exportNamespaceSpecifier=function(e){return(0,n.default)("ExportNamespaceSpecifier",...
arguments)},t.optionalMemberExpression=function(e,t,r,i){return(0,n.default)("OptionalMemberExpression",...argu
ments)},t.optionalCallExpression=function(e,t,r){return(0,n.default)("OptionalCallExpression",...arguments)},t.any
TypeAnnotation=function(){return(0,n.default)("AnyTypeAnnotation",...arguments)},t.arrayTypeAnnotation=function(
e){return(0,n.default)("ArrayTypeAnnotation",...arguments)},t.booleanTypeAnnotation=function(){return(0,n.de
fault)("BooleanTypeAnnotation",...arguments)},t.booleanLiteralTypeAnnotation=function(e){return(0,n.default)("B
ooleanLiteralTypeAnnotation",...arguments)},t.nullLiteralTypeAnnotation=function(){return(0,n.default)("NullLite
ralTypeAnnotation",...arguments)},t.classImplements=function(e,t){return(0,n.default)("ClassImplements",...argume
nts)},t.declareClass=function(e,t,r,i){return(0,n.default)("DeclareClass",...arguments)},t.declareFunction=function(e
){return(0,n.default)("DeclareFunction",...arguments)},t.declareInterface=function(e,t,r,i){return(0,n.default)("Decla
reInterface",...arguments)},t.declareModule=function(e,t,r){return(0,n.default)("DeclareModule",...arguments)},t.de
clareModuleExports=function(e){return(0,n.default)("DeclareModuleExports",...arguments)},t.declareTypeAlias=fu
nction(e,t,r){return(0,n.default)("DeclareTypeAlias",...arguments)},t.declareOpaqueType=function(e,t,r){return(0,n.
default)("DeclareOpaqueType",...arguments)},t.declareVariable=function(e){return(0,n.default)("DeclareVariable",.
..arguments)},t.declareExportDeclaration=function(e,t,r){return(0,n.default)("DeclareExportDeclaration",...argumen
ts)},t.declareExportAllDeclaration=function(e){return(0,n.default)("DeclareExportAllDeclaration",...arguments)},t.
declaredPredicate=function(e){return(0,n.default)("DeclaredPredicate",...arguments)},t.existsTypeAnnotation=funct
ion(){return(0,n.default)("ExistsTypeAnnotation",...arguments)},t.functionTypeAnnotation=function(e,t,r,i){return(
0,n.default)("FunctionTypeAnnotation",...arguments)},t.functionTypeParam=function(e,t){return(0,n.default)("Func
tionTypeParam",...arguments)},t.genericTypeAnnotation=function(e,t){return(0,n.default)("GenericTypeAnnotation
",...arguments)},t.inferredPredicate=function(){return(0,n.default)("InferredPredicate",...arguments)},t.interfaceExte

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nds=function(e,t){return(0,n.default)("InterfaceExtends",...arguments)},t.interfaceDeclaration=function(e,t,r,i){return(0,n.default)("InterfaceDeclaration",...arguments)},t.interfaceTypeAnnotation=function(e,t){return(0,n.default)("InterfaceTypeAnnotation",...arguments)},t.intersectionTypeAnnotation=function(e){return(0,n.default)("IntersectionTypeAnnotation",...arguments)},t.mixedTypeAnnotation=function(){return(0,n.default)("MixedTypeAnnotation",...arguments)},t.emptyTypeAnnotation=function(){return(0,n.default)("EmptyTypeAnnotation",...arguments)},t.nullableTypeAnnotation=function(e){return(0,n.default)("NullableTypeAnnotation",...arguments)},t.numberLiteralTypeAnnotation=function(e){return(0,n.default)("NumberLiteralTypeAnnotation",...arguments)},t.numberTypeAnnotation=function(){return(0,n.default)("NumberTypeAnnotation",...arguments)},t.objectTypeAnnotation=function(e,t,r,i,s){return(0,n.default)("ObjectTypeAnnotation",...arguments)},t.objectTypeInternalSlot=function(e,t,r,i,s){return(0,n.default)("ObjectTypeInternalSlot",...arguments)},t.objectTypeCallProperty=function(e){return(0,n.default)("ObjectTypeCallProperty",...arguments)},t.objectTypeIndexer=function(e,t,r,i){return(0,n.default)("ObjectTypeIndexer",...arguments)},t.objectTypeProperty=function(e,t,r){return(0,n.default)("ObjectTypeProperty",...arguments)},t.objectTypeSpreadProperty=function(e){return(0,n.default)("ObjectTypeSpreadProperty",...arguments)},t.opaqueType=function(e,t,r,i){return(0,n.default)("OpaqueType",...arguments)},t.qualifiedTypeIdentifier=function(e,t){return(0,n.default)("QualifiedTypeIdentifier",...arguments)},t.stringLiteralTypeAnnotation=function(e){return(0,n.default)("StringLiteralTypeAnnotation",...arguments)},t.stringTypeAnnotation=function(){return(0,n.default)("StringTypeAnnotation",...arguments)},t.symbolTypeAnnotation=function(){return(0,n.default)("SymbolTypeAnnotation",...arguments)},t.thisTypeAnnotation=function(){return(0,n.default)("ThisTypeAnnotation",...arguments)},t.tupleTypeAnnotation=function(e){return(0,n.default)("TupleTypeAnnotation",...arguments)},t.typeofTypeAnnotation=function(e){return(0,n.default)("TypeofTypeAnnotation",...arguments)},t.typeAlias=function(e,t,r){return(0,n.default)("TypeAlias",...arguments)},t.typeAnnotation=function(e){return(0,n.default)("TypeAnnotation",...arguments)},t.typeCastExpression=function(e,t){return(0,n.default)("TypeCastExpression",...arguments)},t.typeParameter=function(e,t,r){return(0,n.default)("TypeParameter",...arguments)},t.typeParameterDeclaration=function(e){return(0,n.default)("TypeParameterDeclaration",...arguments)},t.typeParameterInstantiation=function(e){return(0,n.default)("TypeParameterInstantiation",...arguments)},t.unionTypeAnnotation=function(e){return(0,n.default)("UnionTypeAnnotation",...arguments)},t.variance=function(e){return(0,n.default)("Variance",...arguments)},t.voidTypeAnnotation=function(){return(0,n.default)("VoidTypeAnnotation",...arguments)},t.enumDeclaration=function(e,t){return(0,n.default)("EnumDeclaration",...arguments)},t.enumBooleanBody=function(e){return(0,n.default)("EnumBooleanBody",...arguments)},t.enumNumberBody=function(e){return(0,n.default)("EnumNumberBody",...arguments)},t.enumStringBody=function(e){return(0,n.default)("EnumStringBody",...arguments)},t.enumSymbolBody=function(e){return(0,n.default)("EnumSymbolBody",...arguments)},t.enumBooleanMember=function(e){return(0,n.default)("EnumBooleanMember",...arguments)},t.enumNumberMember=function(e,t){return(0,n.default)("EnumNumberMember",...arguments)},t.enumStringMember=function(e,t){return(0,n.default)("EnumStringMember",...arguments)},t.enumDefaultedMember=function(e){return(0,n.default)("EnumDefaultedMember",...arguments)},t.indexedAccessType=function(e,t){return(0,n.default)("IndexedAccessType",...arguments)},t.optionalIndexedAccessType=function(e,t){return(0,n.default)("OptionalIndexedAccessType",...arguments)},t.jsxAttribute=t.jsxAttribute=function(e,t){return(0,n.default)("JSXAttribute",...arguments)},t.jsxClosingElement=t.jsxClosingElement=function(e){return(0,n.default)("JSXClosingElement",...arguments)},t.jsxElement=t.jsxElement=function(e,t,r,i){return(0,n.default)("JSXElement",...arguments)},t.jsxEmptyExpression=t.jsxEmptyExpression=function(){return(0,n.default)("JSXEmptyExpression",...arguments)},t.jsxExpressionContainer=t.jsxExpressionContainer=function(e){return(0,n.default)("JSXExpressionContainer",...arguments)},t.jsxSpreadChild=t.jsxSpreadChild=function(e){return(0,n.default)("JSXSpreadChild",...arguments)},t.jsxIdentifier=t.jsxIdentifier=function(e){return(0,n.default)("JSXIdentifier",...arguments)},t.jsxMemberExpression=t.jsxMemberExpression=function(e,t){return(0,n.default)("JSXMemberExpression",...arguments)},t.jsxNamespacedName=t.jsxNamespacedName=function(e,t){return(0,n.default)("JSXNamespacedName",...arguments)},t.jsxOpeningElement=t.jsxOpeningElement=function(e,t,r){return(0,n.default)("JSXOpeningElement",...arguments)},t.jsxSpreadAttribute=t.jsxSpreadAttribute=function(e){return(0,n.default)("JSXSpreadAttribute",...arguments)},t.jsxText=t.jsxText=function(e){return(0,n.default)("JSXText",...arguments)},t.jsxFragment=t.jsxFragment=function(e,t,r){return(0,n.default)("JSXFragment",...arguments)},t.jsxOpeningFragment=t.jsxOpeningFragment=function(){return(0,n.default)("JS

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XOpeningFragment",...arguments)},t.jsxClosingFragment=t.jsxClosingFragment=function(){return(0,n.default)("JSXClosingFragment",...arguments)},t.noop=function(){return(0,n.default)("Noop",...arguments)},t.placeholder=function(e,t){return(0,n.default)("Placeholder",...arguments)},t.v8IntrinsicIdentifier=function(e){return(0,n.default)("V8IntrinsicIdentifier",...arguments)},t.argumentPlaceholder=function(){return(0,n.default)("ArgumentPlaceholder",...arguments)},t.bindExpression=function(e,t){return(0,n.default)("BindExpression",...arguments)},t.classProperty=function(e,t,r,i,s,a){return(0,n.default)("ClassProperty",...arguments)},t.pipelineTopicExpression=function(e){return(0,n.default)("PipelineTopicExpression",...arguments)},t.pipelineBareFunction=function(e){return(0,n.default)("PipelineBareFunction",...arguments)},t.pipelinePrimaryTopicReference=function(){return(0,n.default)("PipelinePrimaryTopicReference",...arguments)},t.classPrivateProperty=function(e,t,r,i){return(0,n.default)("ClassPrivateProperty",...arguments)},t.classPrivateMethod=function(e,t,r,i,s){return(0,n.default)("ClassPrivateMethod",...arguments)},t.importAttribute=function(e,t){return(0,n.default)("ImportAttribute",...arguments)},t.decorator=function(e){return(0,n.default)("Decorator",...arguments)},t.doExpression=function(e,t){return(0,n.default)("DoExpression",...arguments)},t.exportDefaultSpecifier=function(e){return(0,n.default)("ExportDefaultSpecifier",...arguments)},t.privateName=function(e){return(0,n.default)("PrivateName",...arguments)},t.recordExpression=function(e){return(0,n.default)("RecordExpression",...arguments)},t.tupleExpression=function(e){return(0,n.default)("TupleExpression",...arguments)},t.decimalLiteral=function(e){return(0,n.default)("DecimalLiteral",...arguments)},t.staticBlock=function(e){return(0,n.default)("StaticBlock",...arguments)},t.moduleExpression=function(e){return(0,n.default)("ModuleExpression",...arguments)},t.tsParameterProperty=t.tsParameterProperty=function(e){return(0,n.default)("TSParameterProperty",...arguments)},t.tsDeclareFunction=t.tsDeclareFunction=function(e,t,r,i){return(0,n.default)("TSDeclareFunction",...arguments)},t.tsDeclareMethod=t.tsDeclareMethod=function(e,t,r,i,s){return(0,n.default)("TSDeclareMethod",...arguments)},t.tsQualifiedName=t.tsQualifiedName=function(e,t){return(0,n.default)("TSQualifiedName",...arguments)},t.tsCallSignatureDeclaration=t.tsCallSignatureDeclaration=function(e,t,r){return(0,n.default)("TSCallSignatureDeclaration",...arguments)},t.tsConstructSignatureDeclaration=t.tsConstructSignatureDeclaration=function(e,t,r){return(0,n.default)("TSConstructSignatureDeclaration",...arguments)},t.tsPropertySignature=t.tsPropertySignature=function(e,t,r){return(0,n.default)("TSPropertySignature",...arguments)},t.tsMethodSignature=t.tsMethodSignature=function(e,t,r,i){return(0,n.default)("TSMethodSignature",...arguments)},t.tsIndexSignature=t.tsIndexSignature=function(e,t,r,i){return(0,n.default)("TSIndexSignature",...arguments)},t.tsAnyKeyword=t.tsAnyKeyword=function(){return(0,n.default)("TSAnyKeyword",...arguments)},t.tsBooleanKeyword=t.tsBooleanKeyword=function(){return(0,n.default)("TSBooleanKeyword",...arguments)},t.tsBigIntKeyword=t.tsBigIntKeyword=function(){return(0,n.default)("TSBigIntKeyword",...arguments)},t.tsIntrinsicKeyword=t.tsIntrinsicKeyword=function(){return(0,n.default)("TSIntrinsicKeyword",...arguments)},t.tsNeverKeyword=t.tsNeverKeyword=function(){return(0,n.default)("TSNeverKeyword",...arguments)},t.tsNullKeyword=t.tsNullKeyword=function(){return(0,n.default)("TSNullKeyword",...arguments)},t.tsNumberKeyword=t.tsNumberKeyword=function(){return(0,n.default)("TSNumberKeyword",...arguments)},t.tsObjectKeyword=t.tsObjectKeyword=function(){return(0,n.default)("TSObjectKeyword",...arguments)},t.tsStringKeyword=t.tsStringKeyword=function(){return(0,n.default)("TSStringKeyword",...arguments)},t.tsSymbolKeyword=t.tsSymbolKeyword=function(){return(0,n.default)("TSSymbolKeyword",...arguments)},t.tsUndefinedKeyword=t.tsUndefinedKeyword=function(){return(0,n.default)("TSUndefinedKeyword",...arguments)},t.tsUnknownKeyword=t.tsUnknownKeyword=function(){return(0,n.default)("TSUnknownKeyword",...arguments)},t.tsVoidKeyword=t.tsVoidKeyword=function(){return(0,n.default)("TSVoidKeyword",...arguments)},t.tsThisType=t.tsThisType=function(){return(0,n.default)("TSThisType",...arguments)},t.tsFunctionType=t.tsFunctionType=function(e,t,r){return(0,n.default)("TSFunctionType",...arguments)},t.tsConstructorType=t.tsConstructorType=function(e,t,r){return(0,n.default)("TSConstructorType",...arguments)},t.tsTypeReference=t.tsTypeReference=function(e,t,r){return(0,n.default)("TSTypeReference",...arguments)},t.tsTypePredicate=t.tsTypePredicate=function(e,t,r){return(0,n.default)("TSTypePredicate",...arguments)},t.tsTypeQuery=t.tsTypeQuery=function(e){return(0,n.default)("TSTypeQuery",...arguments)},t.tsTypeLiteral=t.tsTypeLiteral=function(e){return(0,n.default)("TSTypeLiteral",...arguments)},t.tsArrayType=t.tsArrayType=function(e){return(0,n.default)("TSArrayType",...arguments)},t.tsTupleType=t.tsTupleType=function(e){return(0,n.default)("TSTupleType",...arguments)},t.tsOptionalType=t.tsOptionalType=function(e){return(0,n.default)("TSOptionalType",...arguments)},t.tsRestType=t.tsRestType=function(e){return(0,n.default)("TSRestType",...

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.arguments)),t.tsNamedTupleMember=t.tsNamedTupleMember=function(e,t,r){return(0,n.default)("TSNamedTupl
eMember",...arguments)},t.tsUnionType=t.tsUnionType=function(e){return(0,n.default)("TSUnionType",...argume
nts)},t.tsIntersectionType=t.tsIntersectionType=function(e){return(0,n.default)("TSIntersectionType",...arguments)},
t.tsConditionalType=t.tsConditionalType=function(e,t,r,i){return(0,n.default)("TSConditionalType",...arguments)},
t.tsInferType=t.tsInferType=function(e){return(0,n.default)("TSInferType",...arguments)},t.tsParenthesizedType=t.
tsParenthesizedType=function(e){return(0,n.default)("TSParenthesizedType",...arguments)},t.tsTypeOperator=t.tsT
ypeOperator=function(e){return(0,n.default)("TSTypeOperator",...arguments)},t.tsIndexedAccessType=t.tsIndexed
AccessType=function(e,t){return(0,n.default)("TSIndexedAccessType",...arguments)},t.tsMappedType=t.tsMapped
Type=function(e,t,r){return(0,n.default)("TSMappedType",...arguments)},t.tsLiteralType=t.tsLiteralType=function(
e){return(0,n.default)("TSLiteralType",...arguments)},t.tsExpressionWithTypeArguments=t.tsExpressionWithType
Arguments=function(e,t){return(0,n.default)("TSExpressionWithTypeArguments",...arguments)},t.tsInterfaceDecla
ration=t.tsInterfaceDeclaration=function(e,t,r,i){return(0,n.default)("TSInterfaceDeclaration",...arguments)},t.tsInter
faceBody=t.tsInterfaceBody=function(e){return(0,n.default)("TSInterfaceBody",...arguments)},t.tsTypeAliasDecla
ration=t.tsTypeAliasDeclaration=function(e,t,r){return(0,n.default)("TSTypeAliasDeclaration",...arguments)},t.tsAs
Expression=t.tsAsExpression=function(e,t){return(0,n.default)("TSAExpression",...arguments)},t.tsTypeAssertion
=t.tsTypeAssertion=function(e,t){return(0,n.default)("TSTypeAssertion",...arguments)},t.tsEnumDeclaration=t.tsEn
umDeclaration=function(e,t){return(0,n.default)("TSEnumDeclaration",...arguments)},t.tsEnumMember=t.tsEnum
Member=function(e,t){return(0,n.default)("TSEnumMember",...arguments)},t.tsModuleDeclaration=t.tsModuleDec
laration=function(e,t){return(0,n.default)("TSModuleDeclaration",...arguments)},t.tsModuleBlock=t.tsModuleBloc
k=function(e){return(0,n.default)("TSModuleBlock",...arguments)},t.tsImportType=t.tsImportType=function(e,t,r){
return(0,n.default)("TSImportType",...arguments)},t.tsImportEqualsDeclaration=t.tsImportEqualsDeclaration=funct
ion(e,t){return(0,n.default)("TSImportEqualsDeclaration",...arguments)},t.tsExternalModuleReference=t.tsExternal
ModuleReference=function(e){return(0,n.default)("TSExternalModuleReference",...arguments)},t.tsNonNullExpres
sion=t.tsNonNullExpression=function(e){return(0,n.default)("TSNonNullExpression",...arguments)},t.tsExportAssi
gnment=t.tsExportAssignment=function(e){return(0,n.default)("TSExportAssignment",...arguments)},t.tsNamespac
eExportDeclaration=t.tsNamespaceExportDeclaration=function(e){return(0,n.default)("TSNamespaceExportDeclara
tion",...arguments)},t.tsTypeAnnotation=t.tsTypeAnnotation=function(e){return(0,n.default)("TSTypeAnnotation",.
..arguments)},t.tsTypeParameterInstantiation=t.tsTypeParameterInstantiation=function(e){return(0,n.default)("TST
ypeParameterInstantiation",...arguments)},t.tsTypeParameterDeclaration=t.tsTypeParameterDeclaration=function(e
){return(0,n.default)("TSTypeParameterDeclaration",...arguments)},t.tsTypeParameter=t.tsTypeParameter=function
(e,t,r){return(0,n.default)("TSTypeParameter",...arguments)},t.numberLiteral=function(...e){return
console.trace("The node type NumberLiteral has been renamed to
NumericLiteral"),(0,n.default)("NumberLiteral",...e)},t.regexLiteral=function(...e){return console.trace("The node
type RegexpLiteral has been renamed to
RegExpLiteral"),(0,n.default)("RegExpLiteral",...e)},t.restProperty=function(...e){return console.trace("The node type
RestProperty has been renamed to
RestElement"),(0,n.default)("RestProperty",...e)},t.spreadProperty=function(...e){return console.trace("The node
type SpreadProperty has been renamed to SpreadElement"),(0,n.default)("SpreadProperty",...e)};var
n=r(268)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.ArrayExpression=t.arrayExpression=function(...e){return
(0,i.default)("ArrayExpression",...e)},t.AssignmentExpression=t.assignmentExpression=function(...e){return(0,i.def
ault)("AssignmentExpression",...e)},t.BinaryExpression=t.binaryExpression=function(...e){return(0,i.default)("Bina
ryExpression",...e)},t.InterpreterDirective=t.interpreterDirective=function(...e){return(0,i.default)("InterpreterDirecti
ve",...e)},t.Directive=t.directive=function(...e){return(0,i.default)("Directive",...e)},t.DirectiveLiteral=t.directiveLite
ral=function(...e){return(0,i.default)("DirectiveLiteral",...e)},t.BlockStatement=t.blockStatement=function(...e){retur
n(0,i.default)("BlockStatement",...e)},t.BreakStatement=t.breakStatement=function(...e){return(0,i.default)("BreakS
tatement",...e)},t.CallExpression=t.callExpression=function(...e){return(0,i.default)("CallExpression",...e)},t.CatchC
lause=t.catchClause=function(...e){return(0,i.default)("CatchClause",...e)},t.ConditionalExpression=t.conditionalEx

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pression=function(...e){return(0,i.default)("ConditionalExpression",...e)},t.ContinueStatement=t.continueStatement=function(...e){return(0,i.default)("ContinueStatement",...e)},t.DebuggerStatement=t.debuggerStatement=function(...e){return(0,i.default)("DebuggerStatement",...e)},t.DoWhileStatement=t.doWhileStatement=function(...e){return(0,i.default)("DoWhileStatement",...e)},t.EmptyStatement=t.emptyStatement=function(...e){return(0,i.default)("EmptyStatement",...e)},t.ExpressionStatement=t.expressionStatement=function(...e){return(0,i.default)("ExpressionStatement",...e)},t.File=t.file=function(...e){return(0,i.default)("File",...e)},t.ForInStatement=t.forInStatement=function(...e){return(0,i.default)("ForInStatement",...e)},t.ForStatement=t.forStatement=function(...e){return(0,i.default)("ForStatement",...e)},t.FunctionDeclaration=t.functionDeclaration=function(...e){return(0,i.default)("FunctionDeclaration",...e)},t.FunctionExpression=t.functionExpression=function(...e){return(0,i.default)("FunctionExpression",...e)},t.Identifier=t.identifier=function(...e){return(0,i.default)("Identifier",...e)},t.IfStatement=t.ifStatement=function(...e){return(0,i.default)("IfStatement",...e)},t.LabeledStatement=t.labeledStatement=function(...e){return(0,i.default)("LabeledStatement",...e)},t.StringLiteral=t.stringLiteral=function(...e){return(0,i.default)("StringLiteral",...e)},t.NumericLiteral=t.numericLiteral=function(...e){return(0,i.default)("NumericLiteral",...e)},t.NullLiteral=t.nullLiteral=function(...e){return(0,i.default)("NullLiteral",...e)},t.BooleanLiteral=t.booleanLiteral=function(...e){return(0,i.default)("BooleanLiteral",...e)},t.RegExpLiteral=t.regExpLiteral=function(...e){return(0,i.default)("RegExpLiteral",...e)},t.LogicalExpression=t.logicalExpression=function(...e){return(0,i.default)("LogicalExpression",...e)},t.MemberExpression=t.memberExpression=function(...e){return(0,i.default)("MemberExpression",...e)},t.NewExpression=t.newExpression=function(...e){return(0,i.default)("NewExpression",...e)},t.Program=t.program=function(...e){return(0,i.default)("Program",...e)},t.ObjectExpression=t.objectExpression=function(...e){return(0,i.default)("ObjectExpression",...e)},t.ObjectMethod=t.objectMethod=function(...e){return(0,i.default)("ObjectMethod",...e)},t.ObjectProperty=t.objectProperty=function(...e){return(0,i.default)("ObjectProperty",...e)},t.RestElement=t.restElement=function(...e){return(0,i.default)("RestElement",...e)},t.ReturnStatement=t.returnStatement=function(...e){return(0,i.default)("ReturnStatement",...e)},t.SequenceExpression=t.sequenceExpression=function(...e){return(0,i.default)("SequenceExpression",...e)},t.ParenthesizedExpression=t.parenthesizedExpression=function(...e){return(0,i.default)("ParenthesizedExpression",...e)},t.SwitchCase=t.switchCase=function(...e){return(0,i.default)("SwitchCase",...e)},t.SwitchStatement=t.switchStatement=function(...e){return(0,i.default)("SwitchStatement",...e)},t.ThisExpression=t.thisExpression=function(...e){return(0,i.default)("ThisExpression",...e)},t.ThrowStatement=t.throwStatement=function(...e){return(0,i.default)("ThrowStatement",...e)},t.TryStatement=t.tryStatement=function(...e){return(0,i.default)("TryStatement",...e)},t.UnaryExpression=t.unaryExpression=function(...e){return(0,i.default)("UnaryExpression",...e)},t.UpdateExpression=t.updateExpression=function(...e){return(0,i.default)("UpdateExpression",...e)},t.VariableDeclaration=t.variableDeclaration=function(...e){return(0,i.default)("VariableDeclaration",...e)},t.VariableDeclarator=t.variableDeclarator=function(...e){return(0,i.default)("VariableDeclarator",...e)},t.WhileStatement=t.whileStatement=function(...e){return(0,i.default)("WhileStatement",...e)},t.WithStatement=t.withStatement=function(...e){return(0,i.default)("WithStatement",...e)},t.AssignmentPattern=t.assignmentPattern=function(...e){return(0,i.default)("AssignmentPattern",...e)},t.ArrayPattern=t.arrayPattern=function(...e){return(0,i.default)("ArrayPattern",...e)},t.ArrowFunctionExpression=t.arrowFunctionExpression=function(...e){return(0,i.default)("ArrowFunctionExpression",...e)},t.ClassBody=t.classBody=function(...e){return(0,i.default)("ClassBody",...e)},t.ClassExpression=t.classExpression=function(...e){return(0,i.default)("ClassExpression",...e)},t.ClassDeclaration=t.classDeclaration=function(...e){return(0,i.default)("ClassDeclaration",...e)},t.ExportAllDeclaration=t.exportAllDeclaration=function(...e){return(0,i.default)("ExportAllDeclaration",...e)},t.ExportDefaultDeclaration=t.exportDefaultDeclaration=function(...e){return(0,i.default)("ExportDefaultDeclaration",...e)},t.ExportNamedDeclaration=t.exportNamedDeclaration=function(...e){return(0,i.default)("ExportNamedDeclaration",...e)},t.ExportSpecifier=t.exportSpecifier=function(...e){return(0,i.default)("ExportSpecifier",...e)},t.ForOfStatement=t.forOfStatement=function(...e){return(0,i.default)("ForOfStatement",...e)},t.ImportDeclaration=t.importDeclaration=function(...e){return(0,i.default)("ImportDeclaration",...e)},t.ImportDefaultSpecifier=t.importDefaultSpecifier=function(...e){return(0,i.default)("ImportDefaultSpecifier",...e)},t.ImportNamespaceSpecifier=t.importNamespaceSpecifier=function(...e){return(0,i.default)("ImportNamespaceSpecifier",...e)},t.ImportSpecifier=t.importSpecifier=function(...e){return(0,i.default)("ImportSpecifier",...e)},t.MetaProperty=t.metaProperty=function(...e){return(0,i.default)("MetaProperty",...e)},t.ClassMethod=t.classMethod=function(...e){return(0,i.default)("ClassMethod",...e)}

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.t.ObjectPattern=t.objectPattern=function(...e){return(0,i.default)("ObjectPattern",...e)},t.SpreadElement=t.spreadElement=function(...e){return(0,i.default)("SpreadElement",...e)},t.super=t.Super=function(...e){return(0,i.default)("Super",...e)},t.TaggedTemplateExpression=t.taggedTemplateExpression=function(...e){return(0,i.default)("TaggedTemplateExpression",...e)},t.TemplateElement=t.templateElement=function(...e){return(0,i.default)("TemplateElement",...e)},t.TemplateLiteral=t.templateLiteral=function(...e){return(0,i.default)("TemplateLiteral",...e)},t.YieldExpression=t.yieldExpression=function(...e){return(0,i.default)("YieldExpression",...e)},t.AwaitExpression=t.awaitExpression=function(...e){return(0,i.default)("AwaitExpression",...e)},t.import=t.Import=function(...e){return(0,i.default)("Import",...e)},t.BigIntLiteral=t.bigIntLiteral=function(...e){return(0,i.default)("BigIntLiteral",...e)},t.ExportNamespaceSpecifier=t.exportNamespaceSpecifier=function(...e){return(0,i.default)("ExportNamespaceSpecifier",...e)},t.OptionalMemberExpression=t.optionalMemberExpression=function(...e){return(0,i.default)("OptionalMemberExpression",...e)},t.OptionalCallExpression=t.optionalCallExpression=function(...e){return(0,i.default)("OptionalCallExpression",...e)},t.AnyTypeAnnotation=t.anyTypeAnnotation=function(...e){return(0,i.default)("AnyTypeAnnotation",...e)},t.ArrayTypeAnnotation=t.arrayTypeAnnotation=function(...e){return(0,i.default)("ArrayTypeAnnotation",...e)},t.BooleanTypeAnnotation=t.booleanTypeAnnotation=function(...e){return(0,i.default)("BooleanTypeAnnotation",...e)},t.BooleanLiteralTypeAnnotation=t.booleanLiteralTypeAnnotation=function(...e){return(0,i.default)("BooleanLiteralTypeAnnotation",...e)},t.NullLiteralTypeAnnotation=t.nullLiteralTypeAnnotation=function(...e){return(0,i.default)("NullLiteralTypeAnnotation",...e)},t.ClassImplements=t.classImplements=function(...e){return(0,i.default)("ClassImplements",...e)},t.DeclareClass=t.declareClass=function(...e){return(0,i.default)("DeclareClass",...e)},t.DeclareFunction=t.declareFunction=function(...e){return(0,i.default)("DeclareFunction",...e)},t.DeclareInterface=t.declareInterface=function(...e){return(0,i.default)("DeclareInterface",...e)},t.DeclareModule=t.declareModule=function(...e){return(0,i.default)("DeclareModule",...e)},t.DeclareModuleExports=t.declareModuleExports=function(...e){return(0,i.default)("DeclareModuleExports",...e)},t.DeclareTypeAlias=t.declareTypeAlias=function(...e){return(0,i.default)("DeclareTypeAlias",...e)},t.DeclareOpaqueType=t.declareOpaqueType=function(...e){return(0,i.default)("DeclareOpaqueType",...e)},t.DeclareVariable=t.declareVariable=function(...e){return(0,i.default)("DeclareVariable",...e)},t.DeclareExportDeclaration=t.declareExportDeclaration=function(...e){return(0,i.default)("DeclareExportDeclaration",...e)},t.DeclareExportAllDeclaration=t.declareExportAllDeclaration=function(...e){return(0,i.default)("DeclareExportAllDeclaration",...e)},t.DeclaredPredicate=t.declaredPredicate=function(...e){return(0,i.default)("DeclaredPredicate",...e)},t.ExistsTypeAnnotation=t.existsTypeAnnotation=function(...e){return(0,i.default)("ExistsTypeAnnotation",...e)},t.FunctionTypeAnnotation=t.functionTypeAnnotation=function(...e){return(0,i.default)("FunctionTypeAnnotation",...e)},t.FunctionTypeParam=t.functionTypeParam=function(...e){return(0,i.default)("FunctionTypeParam",...e)},t.GenericTypeAnnotation=t.genericTypeAnnotation=function(...e){return(0,i.default)("GenericTypeAnnotation",...e)},t.InferredPredicate=t.inferredPredicate=function(...e){return(0,i.default)("InferredPredicate",...e)},t.InterfaceExtends=t.interfaceExtends=function(...e){return(0,i.default)("InterfaceExtends",...e)},t.InterfaceDeclaration=t.interfaceDeclaration=function(...e){return(0,i.default)("InterfaceDeclaration",...e)},t.InterfaceTypeAnnotation=t.interfaceTypeAnnotation=function(...e){return(0,i.default)("InterfaceTypeAnnotation",...e)},t.IntersectionTypeAnnotation=t.intersectionTypeAnnotation=function(...e){return(0,i.default)("IntersectionTypeAnnotation",...e)},t.MixedTypeAnnotation=t.mixedTypeAnnotation=function(...e){return(0,i.default)("MixedTypeAnnotation",...e)},t.EmptyTypeAnnotation=t.emptyTypeAnnotation=function(...e){return(0,i.default)("EmptyTypeAnnotation",...e)},t.NullableTypeAnnotation=t.nullableTypeAnnotation=function(...e){return(0,i.default)("NullableTypeAnnotation",...e)},t.NumberLiteralTypeAnnotation=t.numberLiteralTypeAnnotation=function(...e){return(0,i.default)("NumberLiteralTypeAnnotation",...e)},t.NumberTypeAnnotation=t.numberTypeAnnotation=function(...e){return(0,i.default)("NumberTypeAnnotation",...e)},t.ObjectTypeAnnotation=t.objectTypeAnnotation=function(...e){return(0,i.default)("ObjectTypeAnnotation",...e)},t.ObjectTypeInternalSlot=t.objectTypeInternalSlot=function(...e){return(0,i.default)("ObjectTypeInternalSlot",...e)},t.ObjectTypeCallProperty=t.objectTypeCallProperty=function(...e){return(0,i.default)("ObjectTypeCallProperty",...e)},t.ObjectTypeIndexer=t.objectTypeIndexer=function(...e){return(0,i.default)("ObjectTypeIndexer",...e)},t.ObjectTypeProperty=t.objectTypeProperty=function(...e){return(0,i.default)("ObjectTypeProperty",...e)},t.ObjectTypeSpreadProperty=t.objectTypeSpreadProperty=function(...e){return(0,i.default)("ObjectTypeSpreadProperty",...e)},t.OpaqueType=t.opaqueType=function(...e){return(0,i.default)("OpaqueType",...e)},t.QualifiedTypeIdentifier=t.qualified

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TypeIdentifier=function(...e){return(0,i.default)("QualifiedTypeIdentifier",...e)},t.StringLiteralTypeAnnotation=t.stringLiteralTypeAnnotation=function(...e){return(0,i.default)("StringLiteralTypeAnnotation",...e)},t.StringTypeAnnotation=t.stringTypeAnnotation=function(...e){return(0,i.default)("StringTypeAnnotation",...e)},t.SymbolTypeAnnotation=t.symbolTypeAnnotation=function(...e){return(0,i.default)("SymbolTypeAnnotation",...e)},t.ThisTypeAnnotation=t.thisTypeAnnotation=function(...e){return(0,i.default)("ThisTypeAnnotation",...e)},t.TupleTypeAnnotation=t.tupleTypeAnnotation=function(...e){return(0,i.default)("TupleTypeAnnotation",...e)},t.TypeOfTypeAnnotation=t.typeofTypeAnnotation=function(...e){return(0,i.default)("TypeofTypeAnnotation",...e)},t.TypeAlias=t.typeAlias=function(...e){return(0,i.default)("TypeAlias",...e)},t.TypeAnnotation=t.typeAnnotation=function(...e){return(0,i.default)("TypeAnnotation",...e)},t.TypeCastExpression=t.typeCastExpression=function(...e){return(0,i.default)("TypeCastExpression",...e)},t.TypeParameter=t.typeParameter=function(...e){return(0,i.default)("TypeParameter",...e)},t.TypeParameterDeclaration=t.typeParameterDeclaration=function(...e){return(0,i.default)("TypeParameterDeclaration",...e)},t.TypeParameterInstantiation=t.typeParameterInstantiation=function(...e){return(0,i.default)("TypeParameterInstantiation",...e)},t.UnionTypeAnnotation=t.unionTypeAnnotation=function(...e){return(0,i.default)("UnionTypeAnnotation",...e)},t.Variance=t.variance=function(...e){return(0,i.default)("Variance",...e)},t.VoidTypeAnnotation=t.voidTypeAnnotation=function(...e){return(0,i.default)("VoidTypeAnnotation",...e)},t.EnumDeclaration=t.enumDeclaration=function(...e){return(0,i.default)("EnumDeclaration",...e)},t.EnumBooleanBody=t.enumBooleanBody=function(...e){return(0,i.default)("EnumBooleanBody",...e)},t.EnumNumberBody=t.enumNumberBody=function(...e){return(0,i.default)("EnumNumberBody",...e)},t.EnumStringBody=t.enumStringBody=function(...e){return(0,i.default)("EnumStringBody",...e)},t.EnumSymbolBody=t.enumSymbolBody=function(...e){return(0,i.default)("EnumSymbolBody",...e)},t.EnumBooleanMember=t.enumBooleanMember=function(...e){return(0,i.default)("EnumBooleanMember",...e)},t.EnumNumberMember=t.enumNumberMember=function(...e){return(0,i.default)("EnumNumberMember",...e)},t.EnumStringMember=t.enumStringMember=function(...e){return(0,i.default)("EnumStringMember",...e)},t.EnumDefaultedMember=t.enumDefaultedMember=function(...e){return(0,i.default)("EnumDefaultedMember",...e)},t.jSXAttribute=t.jSXAttribute=t.jsxAttribute=function(...e){return(0,i.default)("JSXAttribute",...e)},t.jSXClosingElement=t.jSXClosingElement=t.jsxClosingElement=function(...e){return(0,i.default)("JSXClosingElement",...e)},t.jSXElement=t.jSXElement=t.jsxElement=function(...e){return(0,i.default)("JSXElement",...e)},t.jSXEmptyExpression=t.jSXEmptyExpression=t.jsxEmptyExpression=function(...e){return(0,i.default)("JSXEmptyExpression",...e)},t.jSXExpressionContainer=t.jSXExpressionContainer=t.jsxExpressionContainer=function(...e){return(0,i.default)("JSXExpressionContainer",...e)},t.jSXSpreadChild=t.jSXSpreadChild=t.jsxSpreadChild=function(...e){return(0,i.default)("JSXSpreadChild",...e)},t.jSXIdentifier=t.jSXIdentifier=t.jsxIdentifier=function(...e){return(0,i.default)("JSXIdentifier",...e)},t.jSXMemberExpression=t.jSXMemberExpression=t.jsxMemberExpression=function(...e){return(0,i.default)("JSXMemberExpression",...e)},t.jSXNamespacedName=t.jSXNamespacedName=t.jsxNamespacedName=function(...e){return(0,i.default)("JSXNamespacedName",...e)},t.jSXOpeningElement=t.jSXOpeningElement=t.jsxOpeningElement=function(...e){return(0,i.default)("JSXOpeningElement",...e)},t.jSXSpreadAttribute=t.jSXSpreadAttribute=t.jsxSpreadAttribute=function(...e){return(0,i.default)("JSXSpreadAttribute",...e)},t.jSXText=t.jSXText=t.jsxText=function(...e){return(0,i.default)("JSXText",...e)},t.jSXFragment=t.jSXFragment=t.jsxFragment=function(...e){return(0,i.default)("JSXFragment",...e)},t.jSXOpeningFragment=t.jSXOpeningFragment=t.jsxOpeningFragment=function(...e){return(0,i.default)("JSXOpeningFragment",...e)},t.jSXClosingFragment=t.jSXClosingFragment=t.jsxClosingFragment=function(...e){return(0,i.default)("JSXClosingFragment",...e)},t.Noop=t.noop=function(...e){return(0,i.default)("Noop",...e)},t.Placeholder=t.placeholder=function(...e){return(0,i.default)("Placeholder",...e)},t.V8IntrinsicIdentifier=t.v8IntrinsicIdentifier=function(...e){return(0,i.default)("V8IntrinsicIdentifier",...e)},t.ArgumentPlaceholder=t.argumentPlaceholder=function(...e){return(0,i.default)("ArgumentPlaceholder",...e)},t.BindExpression=t.bindExpression=function(...e){return(0,i.default)("BindExpression",...e)},t.ClassProperty=t.classProperty=function(...e){return(0,i.default)("ClassProperty",...e)},t.PipelineTopicExpression=t.pipelineTopicExpression=function(...e){return(0,i.default)("PipelineTopicExpression",...e)},t.PipelineBareFunction=t.pipelineBareFunction=function(...e){return(0,i.default)("PipelineBareFunction",...e)},t.PipelinePrimaryTopicReference=t.pipelinePrimaryTopicReference=function(...e){return(0,i.default)("PipelinePrimaryTopicReference",...e)},t.ClassPrivateProperty=t.classPrivateProperty=function(...e){return(0,i.default)("ClassPrivateProperty",...e)},t.ClassPrivateMethod=t.classPrivateMethod=function(...e){
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return(0,i.default)("ClassPrivateMethod",...e)},t.ImportAttribute=t.importAttribute=function(...e){return(0,i.default)("ImportAttribute",...e)},t.Decorator=t.decorator=function(...e){return(0,i.default)("Decorator",...e)},t.DoExpression=t.doExpression=function(...e){return(0,i.default)("DoExpression",...e)},t.ExportDefaultSpecifier=t.exportDefaultSpecifier=function(...e){return(0,i.default)("ExportDefaultSpecifier",...e)},t.PrivateName=t.privateName=function(...e){return(0,i.default)("PrivateName",...e)},t.RecordExpression=t.recordExpression=function(...e){return(0,i.default)("RecordExpression",...e)},t.TupleExpression=t.tupleExpression=function(...e){return(0,i.default)("TupleExpression",...e)},t.DecimalLiteral=t.decimalLiteral=function(...e){return(0,i.default)("DecimalLiteral",...e)},t.StaticBlock=t.staticBlock=function(...e){return(0,i.default)("StaticBlock",...e)},t.TSParameterProperty=t.TSParameterProperty=t.tsParameterProperty=function(...e){return(0,i.default)("TSParameterProperty",...e)},t.TSDeclareFunction=t.TSDeclareFunction=t.tsDeclareFunction=function(...e){return(0,i.default)("TSDeclareFunction",...e)},t.TSDeclareMethod=t.TSDeclareMethod=t.tsDeclareMethod=function(...e){return(0,i.default)("TSDeclareMethod",...e)},t.TSQualifiedName=t.TSQualifiedName=t.tsQualifiedName=function(...e){return(0,i.default)("TSQualifiedName",...e)},t.TSCallSignatureDeclaration=t.TSCallSignatureDeclaration=t.tsCallSignatureDeclaration=function(...e){return(0,i.default)("TSCallSignatureDeclaration",...e)},t.TSConstructSignatureDeclaration=t.TSConstructSignatureDeclaration=t.tsConstructSignatureDeclaration=function(...e){return(0,i.default)("TSConstructSignatureDeclaration",...e)},t.TSPropertySignature=t.TSPropertySignature=t.tsPropertySignature=function(...e){return(0,i.default)("TSPropertySignature",...e)},t.TSMethodSignature=t.TSMethodSignature=t.tsMethodSignature=function(...e){return(0,i.default)("TSMethodSignature",...e)},t.TSIndexSignature=t.TSIndexSignature=t.tsIndexSignature=function(...e){return(0,i.default)("TSIndexSignature",...e)},t.TSAnyKeyword=t.TSAnyKeyword=t.tsAnyKeyword=function(...e){return(0,i.default)("TSAnyKeyword",...e)},t.TSBooleanKeyword=t.TSBooleanKeyword=t.tsBooleanKeyword=function(...e){return(0,i.default)("TSBooleanKeyword",...e)},t.TSBigIntKeyword=t.TSBigIntKeyword=t.tsBigIntKeyword=function(...e){return(0,i.default)("TSBigIntKeyword",...e)},t.TSIntrinsicKeyword=t.TSIntrinsicKeyword=t.tsIntrinsicKeyword=function(...e){return(0,i.default)("TSIntrinsicKeyword",...e)},t.TSNeverKeyword=t.TSNeverKeyword=t.tsNeverKeyword=function(...e){return(0,i.default)("TSNeverKeyword",...e)},t.TSNullKeyword=t.TSNullKeyword=t.tsNullKeyword=function(...e){return(0,i.default)("TSNullKeyword",...e)},t.TSNumberKeyword=t.TSNumberKeyword=t.tsNumberKeyword=function(...e){return(0,i.default)("TSNumberKeyword",...e)},t.TSObjectKeyword=t.TSObjectKeyword=t.tsObjectKeyword=function(...e){return(0,i.default)("TSObjectKeyword",...e)},t.TSStringKeyword=t.TSStringKeyword=t.tsStringKeyword=function(...e){return(0,i.default)("TSStringKeyword",...e)},t.TSSymbolKeyword=t.TSSymbolKeyword=t.tsSymbolKeyword=function(...e){return(0,i.default)("TSSymbolKeyword",...e)},t.TSUndefinedKeyword=t.TSUndefinedKeyword=t.tsUndefinedKeyword=function(...e){return(0,i.default)("TSUndefinedKeyword",...e)},t.TSUnknownKeyword=t.TSUnknownKeyword=t.tsUnknownKeyword=function(...e){return(0,i.default)("TSUnknownKeyword",...e)},t.TSVoidKeyword=t.TSVoidKeyword=t.tsVoidKeyword=function(...e){return(0,i.default)("TSVoidKeyword",...e)},t.TSThisType=t.TSThisType=t.tsThisType=function(...e){return(0,i.default)("TSThisType",...e)},t.TSFunctionType=t.TSFunctionType=t.tsFunctionType=function(...e){return(0,i.default)("TSFunctionType",...e)},t.TSConstructorType=t.TSConstructorType=t.tsConstructorType=function(...e){return(0,i.default)("TSConstructorType",...e)},t.TSTypeReference=t.TSTypeReference=t.tsTypeReference=function(...e){return(0,i.default)("TSTypeReference",...e)},t.TSTypePredicate=t.TSTypePredicate=t.tsTypePredicate=function(...e){return(0,i.default)("TSTypePredicate",...e)},t.TSTypeQuery=t.TSTypeQuery=t.tsTypeQuery=function(...e){return(0,i.default)("TSTypeQuery",...e)},t.TSTypeLiteral=t.TSTypeLiteral=t.tsTypeLiteral=function(...e){return(0,i.default)("TSTypeLiteral",...e)},t.TSArrayType=t.TSArrayType=t.tsArrayType=function(...e){return(0,i.default)("TSArrayType",...e)},t.TSTupleType=t.TSTupleType=t.tsTupleType=function(...e){return(0,i.default)("TSTupleType",...e)},t.TSOptionalType=t.TSOptionalType=t.tsOptionalType=function(...e){return(0,i.default)("TSOptionalType",...e)},t.TSRestType=t.TSRestType=t.tsRestType=function(...e){return(0,i.default)("TSRestType",...e)},t.TSNamedTupleMember=t.TSNamedTupleMember=t.tsNamedTupleMember=function(...e){return(0,i.default)("TSNamedTupleMember",...e)},t.TSUnionType=t.TSUnionType=t.tsUnionType=function(...e){return(0,i.default)("TSUnionType",...e)},t.TSIntersectionType=t.TSIntersectionType=t.tsIntersectionType=function(...e){return(0,i.default)("TSIntersectionType",...e)},t.TSConditionalType=t.TSConditionalType=t.tsConditionalType=function(...e){return(0,i.default)("TSConditionalType",...e)},t.TSInferType=t.TSInferType=t.tsInferType=function(...e){return(0,i.default)("TSInferType",...e)},t.TSParenthesizedType=t.TSParenthesizedType=t.tsParenthesized
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edType=function(...e){return(0,i.default)("TSParenthesizedType",...e)},t.tSTypeOperator=t.TSTypeOperator=t.tsTypeOperator=function(...e){return(0,i.default)("TSTypeOperator",...e)},t.tSIndexedAccessType=t.TSIndexedAccessType=t.tsIndexedAccessType=function(...e){return(0,i.default)("TSIndexedAccessType",...e)},t.tSMappedType=t.TSMappedType=t.tsMappedType=function(...e){return(0,i.default)("TSMappedType",...e)},t.tSLiteralType=t.TSLiteralType=t.tsLiteralType=function(...e){return(0,i.default)("TSLiteralType",...e)},t.tSExpressionWithTypeArguments=t.TSExpressionWithTypeArguments=t.tsExpressionWithTypeArguments=function(...e){return(0,i.default)("TSExpressionWithTypeArguments",...e)},t.tSInterfaceDeclaration=t.TSInterfaceDeclaration=t.tsInterfaceDeclaration=function(...e){return(0,i.default)("TSInterfaceDeclaration",...e)},t.tSInterfaceBody=t.TSInterfaceBody=t.tsInterfaceBody=function(...e){return(0,i.default)("TSInterfaceBody",...e)},t.tSTypeAliasDeclaration=t.TSTypeAliasDeclaration=t.tsTypeAliasDeclaration=function(...e){return(0,i.default)("TSTypeAliasDeclaration",...e)},t.tSAsExpression=t.TSAsExpression=t.tsAsExpression=function(...e){return(0,i.default)("TSAsExpression",...e)},t.tSTypeAssertion=t.TSTypeAssertion=t.tsTypeAssertion=function(...e){return(0,i.default)("TSTypeAssertion",...e)},t.tSEnumDeclaration=t.TSEnumDeclaration=t.tsEnumDeclaration=function(...e){return(0,i.default)("TSEnumDeclaration",...e)},t.tSEnumMember=t.TSEnumMember=t.tsEnumMember=function(...e){return(0,i.default)("TSEnumMember",...e)},t.tSModuleDeclaration=t.TSModuleDeclaration=t.tsModuleDeclaration=function(...e){return(0,i.default)("TSModuleDeclaration",...e)},t.tSModuleBlock=t.TSModuleBlock=t.tsModuleBlock=function(...e){return(0,i.default)("TSModuleBlock",...e)},t.tSImportType=t.TSImportType=t.tsImportType=function(...e){return(0,i.default)("TSImportType",...e)},t.tSImportEqualsDeclaration=t.TSImportEqualsDeclaration=t.tsImportEqualsDeclaration=function(...e){return(0,i.default)("TSImportEqualsDeclaration",...e)},t.tSExternalModuleReference=t.TSExternalModuleReference=t.tsExternalModuleReference=function(...e){return(0,i.default)("TSExternalModuleReference",...e)},t.tSNonNullExpression=t.TSNonNullExpression=t.tsNonNullExpression=function(...e){return(0,i.default)("TSNonNullExpression",...e)},t.tSExportAssignment=t.TSExportAssignment=t.tsExportAssignment=function(...e){return(0,i.default)("TSExportAssignment",...e)},t.tSNamespaceExportDeclaration=t.TSNamespaceExportDeclaration=t.tsNamespaceExportDeclaration=function(...e){return(0,i.default)("TSNamespaceExportDeclaration",...e)},t.tSTypeAnnotation=t.TSTypeAnnotation=t.tsTypeAnnotation=function(...e){return(0,i.default)("TSTypeAnnotation",...e)},t.tSTypeParameterInstantiation=t.TSTypeParameterInstantiation=t.tsTypeParameterInstantiation=function(...e){return(0,i.default)("TSTypeParameterInstantiation",...e)},t.tSTypeParameterDeclaration=t.TSTypeParameterDeclaration=t.tsTypeParameterDeclaration=function(...e){return(0,i.default)("TSTypeParameterDeclaration",...e)},t.tSTypeParameter=t.TSTypeParameter=t.tsTypeParameter=function(...e){return(0,i.default)("TSTypeParameter",...e)},t.numberLiteral=t.NumberLiteral=function(...e){return console.trace("The node type NumberLiteral has been renamed to NumericLiteral"),(0,i.default)("NumberLiteral",...e)},t.regexLiteral=t.RegexLiteral=function(...e){return console.trace("The node type RegexLiteral has been renamed to RegExpLiteral"),(0,i.default)("RegexLiteral",...e)},t.restProperty=t.RestProperty=function(...e){return console.trace("The node type RestProperty has been renamed to RestElement"),(0,i.default)("RestProperty",...e)},t.spreadProperty=t.SpreadProperty=function(...e){return console.trace("The node type SpreadProperty has been renamed to SpreadElement"),(0,i.default)("SpreadProperty",...e)};var n,i=(n=r(137))&&n.__esModule?n:{default:n}},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),Object.defineProperty(t,"VISITOR_KEYS",{enumerable:!0,get:function(){return s.VISITOR_KEYS}}),Object.defineProperty(t,"ALIAS_KEYS",{enumerable:!0,get:function(){return s.ALIAS_KEYS}}),Object.defineProperty(t,"FLIPPED_ALIAS_KEYS",{enumerable:!0,get:function(){return s.FLIPPED_ALIAS_KEYS}}),Object.defineProperty(t,"NODE_FIELDS",{enumerable:!0,get:function(){return s.NODE_FIELDS}}),Object.defineProperty(t,"BUILDER_KEYS",{enumerable:!0,get:function(){return s.BUILDER_KEYS}}),Object.defineProperty(t,"DEPRECATED_KEYS",{enumerable:!0,get:function(){return s.DEPRECATED_KEYS}}),Object.defineProperty(t,"NODE_PARENT_VALIDATIONS",{enumerable:!0,get:function(){return s.NODE_PARENT_VALIDATIONS}}),Object.defineProperty(t,"PLACEHOLDERS",{enumerable:!0,get:function

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() { return
a.PLACEHOLDERS } }, Object.defineProperty(t, "PLACEHOLDERS_ALIAS", { enumerable: !0, get: function() { return
n
a.PLACEHOLDERS_ALIAS } }, Object.defineProperty(t, "PLACEHOLDERS_FLIPPED_ALIAS", { enumerable: !0,
get: function() { return a.PLACEHOLDERS_FLIPPED_ALIAS } }, t.TYPES=void 0; var
n, i=(n=r(81))&&n.__esModule?n: { default:n; r(50), r(211), r(212), r(213), r(214), r(215); var
s=r(9), a=r(83); (0, i.default)(s.VISITOR_KEYS), (0, i.default)(s.ALIAS_KEYS), (0, i.default)(s.FLIPPED_ALIAS_KEYS), (0, i.default)(s.NODE_FIELDS), (0, i.default)(s.BUILDER_KEYS), (0, i.default)(s.DEPRECATED_KEYS), (0, i.default)(a.PLACEHOLDERS_ALIAS), (0, i.default)(a.PLACEHOLDERS_FLIPPED_ALIAS); const
o=Object.keys(s.VISITOR_KEYS).concat(Object.keys(s.FLIPPED_ALIAS_KEYS)).concat(Object.keys(s.DEPRECATED_KEYS)); t.TYPES=o, function(e, t, r) { "use
strict"; Object.defineProperty(t, "__esModule", { value: !0 }); Object.defineProperty(t, "VISITOR_KEYS", { enumerable:
!0, get: function() { return
i.VISITOR_KEYS } }, Object.defineProperty(t, "ALIAS_KEYS", { enumerable: !0, get: function() { return
i.ALIAS_KEYS } }, Object.defineProperty(t, "FLIPPED_ALIAS_KEYS", { enumerable: !0, get: function() { return
i.FLIPPED_ALIAS_KEYS } }, Object.defineProperty(t, "NODE_FIELDS", { enumerable: !0, get: function() { return
i.NODE_FIELDS } }, Object.defineProperty(t, "BUILDER_KEYS", { enumerable: !0, get: function() { return
i.BUILDER_KEYS } }, Object.defineProperty(t, "DEPRECATED_KEYS", { enumerable: !0, get: function() { return
i.DEPRECATED_KEYS } }, Object.defineProperty(t, "NODE_PARENT_VALIDATIONS", { enumerable: !0, get: function() { return
i.NODE_PARENT_VALIDATIONS } }, Object.defineProperty(t, "PLACEHOLDERS", { enumerable: !0, get: function() { return
s.PLACEHOLDERS } }, Object.defineProperty(t, "PLACEHOLDERS_ALIAS", { enumerable: !0, get: function() { return
n
s.PLACEHOLDERS_ALIAS } }, Object.defineProperty(t, "PLACEHOLDERS_FLIPPED_ALIAS", { enumerable: !0,
get: function() { return s.PLACEHOLDERS_FLIPPED_ALIAS } }, t.TYPES=void 0; var
n=r(81); r(55), r(269), r(270), r(271), r(272), r(273); var
i=r(10), s=r(105); n(i.VISITOR_KEYS), n(i.ALIAS_KEYS), n(i.FLIPPED_ALIAS_KEYS), n(i.NODE_FIELDS), n(i.BUILDER_KEYS), n(i.DEPRECATED_KEYS), n(s.PLACEHOLDERS_ALIAS), n(s.PLACEHOLDERS_FLIPPED_ALIAS); const
a=Object.keys(i.VISITOR_KEYS).concat(Object.keys(i.FLIPPED_ALIAS_KEYS)).concat(Object.keys(i.DEPRECATED_KEYS)); t.TYPES=a, function(e, t, r) { var n=r(68), i="object"===typeof
self&&self&&self.Object===Object&&self, s=n||i||Function("return this")(); e.exports=s, function(e, t, r) { "use
strict"; Object.defineProperty(t, "__esModule", { value: !0 }); t.default=t.SHOULD_SKIP=t.SHOULD_STOP=t.REMOVED=void 0; var
n=P(r(63)), i=x(r(255)), s=x(r(17)), a=x(r(100)), o=P(r(0)), l=r(38), c=x(r(314)), p=P(r(338)), u=P(r(339)), d=P(r(342)), h=P(r(354)), f=P(r(355)), m=P(r(364)), y=P(r(365)), T=P(r(366)), b=P(r(368)), g=P(r(370)), S=P(r(371)); function
x(e) { return e&&e.__esModule?e: { default:e } } function E() { if("function"!==typeof WeakMap) return null; var e=new
WeakMap; return E=function() { return e }, e } function P(e) { if(e&&e.__esModule) return
e; if(null===e||"object"!==typeof e&&"function"!==typeof e) return { default:e }; var t=E(); if(t&&t.has(e)) return
t.get(e); var r={ }, n=Object.defineProperty&&Object.getOwnPropertyDescriptor; for(var i in
e) if(Object.prototype.hasOwnProperty.call(e, i)) { var
s=n?Object.getOwnPropertyDescriptor(e, i): null; s&&(s.get||s.set)?Object.defineProperty(r, i, s): r[i]=e[i] } return
r.default=e, t&&t.set(e, r), r } const
v=(0, i.default)("babel"); t.REMOVED=1; t.SHOULD_STOP=2; t.SHOULD_SKIP=4; class
A { constructor(e, t) { this.contexts=[], this.state=null, this.opts=null, this._traverseFlags=0, this.skipKeys=null, this.parent
Path=null, this.container=null, this.listKey=null, this.key=null, this.node=null, this.type=null, this.parent=t, this.hub=e, this.data=null, this.context=null, this.scope=null } static

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get({hub:e,parentPath:t,parent:r,container:n,listKey:i,key:s}){if(!e&&&&(e=t.hub),!r)throw new Error("To get a
node path the parent needs to exist");const a=n[s],o=l.path.get(r)||[];let c;l.path.has(r)||l.path.set(r,o);for(let
e=0;e<o.length;e++){const t=o[e];if(t.node===a){c=t;break}}return c||(c=new
A(e,r),o.push(c)),c.setup(t,n,i,s,c)getScope(e){return this.isScope()?new a.default(this):e}setData(e,t){return
null===this.data&&(this.data=Object.create(null)),this.data[e]=t}getData(e,t){null===this.data&&(this.data=Object.cr
eate(null));let r=this.data[e];return void 0===r&&void
0!==(t&&(r=this.data[e]=t),r)}buildCodeFrameError(e,t=SyntaxError){return
this.hub.buildError(this.node,e,t)}traverse(e,t){(0,s.default)(this.node,e,this.scope,t,this)}set(e,t){o.validate(this.node
,e,t),this.node[e]=t}getPathLocation(){const e=[];let t=this;do{let
r=t.key;t.inList&&(r=`${t.listKey}${r}`),e.unshift(r)}while(t=t.parentPath);return
e.join(".")}debug(e){v.enabled&&v`$${this.getPathLocation()} ${this.type}:
${e}`)}toString(){return(0,c.default)(this.node).code}get inList(){return!!this.listKey}set
inList(e){e||(this.listKey=null)}get parentKey(){return this.listKey||this.key}get
shouldSkip(){return!!(4&this._traverseFlags)}set shouldSkip(e){e?this._traverseFlags|=4:this._traverseFlags&=-
5}get shouldStop(){return!!(2&this._traverseFlags)}set
shouldStop(e){e?this._traverseFlags|=2:this._traverseFlags&=-3}get removed(){return!!(1&this._traverseFlags)}set
removed(e){e?this._traverseFlags|=1:this._traverseFlags&=-
2}}t.default=A,Object.assign(A.prototype,p,u,d,h,f,m,y,T,b,g,S);for(const e of o.TYPES){const
t="is"+e,r=o[t];A.prototype[t]=function(e){return
r(this.node,e)},A.prototype["assert"+e]=function(t){if(!r(this.node,t))throw new TypeError("Expected node path of
type "+e)}}for(const e of
Object.keys(n)){if("_"===e[0])continue;o.TYPES.indexOf(e)<0&&o.TYPES.push(e);const
t=n[e];A.prototype["is"+e]=function(e){return t.checkPath(this,e)}}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.validate=f,t.typeIs=m,t.validateType=function(e){return
f(m(e))},t.validateOptional=function(e){return{validate:e,optional:!0}},t.validateOptionalType=function(e){return{
validate:m(e),optional:!0}},t.arrayOf=y,t.arrayOfType=T,t.validateArrayOfType=function(e){return
f(T(e))},t.assertEach=b,t.assertOneOf=function(...e){function t(t,r,n){if(e.indexOf(n)<0)throw new
TypeError(`Property ${r} expected value to be one of ${JSON.stringify(e)} but got ${JSON.stringify(n)}`)}return
t.oneOf=e,t,t.assertNodeType=g,t.assertNodeOrValueType=function(...e){function t(t,r,n){for(const a of
e)if(h(n)===a||(0,i.default)(a,n))return void(0,s.validateChild)(t,r,n);throw new TypeError(`Property ${r} of
${t.type} expected node to be of a type ${JSON.stringify(e)} but instead got ${JSON.stringify(null===n?void
0:n.type)`)}}return t.oneOfNodeOrValueTypes=e,t,t.assertValueType=S,t.assertShape=function(e){function
t(t,r,n){const i=[];for(const r of Object.keys(e))try{(0,s.validateField)(t,r,n[r],e[r])}catch(e){if(e instanceof
TypeError){i.push(e.message);continue}throw e}if(i.length)throw new TypeError(`Property ${r} of ${t.type}
expected to have the following:\n${i.join("\n")`)}}return
t.shapeOf=e,t,t.assertOptionalChainStart=function(){return function(e){var t;let
r=e;for(;e){const{type:e}=r;if("OptionalCallExpression"!==e){if("OptionalMemberExpression"!==e)break;if(r.opti
onal)return;r=r.object}else{if(r.optional)return;r=r.callee}}throw new TypeError(`Non-optional ${e.type} must
chain from an optional OptionalMemberExpression or OptionalCallExpression. Found chain from
${null==(t=r)?void 0:t.type}`)}}},t.chain=x,t.default=function(e,t={}){const r=t.inherits&&v[t.inherits]||{};let
n=t.fields;if(!n&&(n={},r.fields)){const e=Object.getOwnPropertyNames(r.fields);for(const t of e){const
e=r.fields[t];n[t]={default:e.default,optional:e.optional,validate:e.validate}}}const
i=t.visitor||r.visitor||[],s=t.aliases||r.aliases||[],f=t.builder||r.builder||t.visitor||[];for(const r of Object.keys(t))if(-
1===E.indexOf(r))throw new Error(`Unknown type option "${r}" on
${e}`);t.deprecatedAlias&&(u[t.deprecatedAlias]=e);for(const e of i.concat(f))n[e]=n[e]||{};for(const t of
Object.keys(n)){const r=n[t];void 0!==(r.default&&-1===f.indexOf(t)&&(r.optional=!0),void
0===r.default?r.default=null:r.validate||null===r.default||(r.validate=S(h(r.default)));for(const n of Object.keys(r))if(-
1===P.indexOf(n))throw new Error(`Unknown field key "${n}" on

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    $ {e}.$ {t`})a[e]=t.visitor=i,p[e]=t.builder=f,c[e]=t.fields=n,o[e]=t.aliases=s,s.forEach(t=>{l[t]=l[t]||[],l[t].push(e)}),
    t.validate&&(d[e]=t.validate);v[e]=t,t.NODE_PARENT_VALIDATIONS=t.DEPRECATED_KEYS=t.BUILDER
    _KEYS=t.NODE_FIELDS=t.FLIPPED_ALIAS_KEYS=t.ALIAS_KEYS=t.VISITOR_KEYS=void 0;var
    n,i=(n=r(34))&&n.__esModule?n:{default:n},s=r(52);const a={};t.VISITOR_KEYS=a;const
    o={};t.ALIAS_KEYS=o;const l={};t.FLIPPED_ALIAS_KEYS=l;const c={};t.NODE_FIELDS=c;const
    p={};t.BUILDER_KEYS=p;const u={};t.DEPRECATED_KEYS=u;const d={};function h(e){return
    Array.isArray(e)?"array":null===e?"null":typeof e}function f(e){return{validate:e}}function
    m(e){return"string"===typeof e?g(e):g(...e)}function y(e){return x(S("array"),b(e))}function T(e){return
    y(m(e))}function b(e){function t(t,r,n){if(Array.isArray(n))for(let i=0;i<n.length;i++){const
    a=`$ {r}[$ {i}]`,o=n[i];e(t,a,o),process.env.BABEL_TYPES_8_BREAKING&&(0,s.validateChild)(t,a,o)}}return
    t.each=e,t}function g(...e){function t(t,r,n){for(const a of e)if((0,i.default)(a,n))return
    void(0,s.validateChild)(t,r,n);throw new TypeError(`Property $ {r} of $ {t.type} expected node to be of a type
    $ {JSON.stringify(e)} but instead got $ {JSON.stringify(null===n?void 0:n.type)`)}}return
    t.oneOfNodeTypes=e,t}function S(e){function t(t,r,n){if(!(h(n)===e))throw new TypeError(`Property $ {r} expected
    type of $ {e} but got $ {h(n)`)}}return t.type=e,t}function x(...e){function t(...t){for(const r of e)r(...t)}return
    t.chainOf=e,t}t.NODE_PARENT_VALIDATIONS=d;const
    E=["aliases","builder","deprecatedAlias","fields","inherits","visitor","validate"],P=["default","optional","validate"];
    const v={},function(e,t,r){"use
    strict";Object.defineProperty(t,"__esModule",{value:!0}),t.validate=h,t.typeIs=f,t.validateType=function(e){return
    h(f(e))},t.validateOptional=function(e){return{validate:e,optional:!0}},t.validateOptionalType=function(e){return{v
    alidate:f(e),optional:!0}},t.arrayOf=m,t.arrayOfType=y,t.validateArrayOfType=function(e){return
    h(y(e))},t.assertEach=T,t.assertOneOf=function(...e){function t(t,r,n){if(e.indexOf(n)<0)throw new
    TypeError(`Property $ {r} expected value to be one of $ {JSON.stringify(e)} but got $ {JSON.stringify(n)`)}}return
    t.oneOf=e,t},t.assertNodeType=b,t.assertNodeOrValueType=function(...e){function t(t,r,s){for(const a of
    e)if(d(s)===a||(0,n.default)(a,s))return void(0,i.validateChild)(t,r,s);throw new TypeError(`Property $ {r} of
    $ {t.type} expected node to be of a type $ {JSON.stringify(e)} but instead got $ {JSON.stringify(null===s?void
    0:s.type)`)}}return t.oneOfNodeOrValueTypes=e,t},t.assertValueType=g,t.assertShape=function(e){function
    t(t,r,n){const s=[];for(const r of Object.keys(e))try{(0,i.validateField)(t,r,n[r],e[r])}catch(e){if(e instanceof
    TypeError){s.push(e.message);continue}throw e}if(s.length)throw new TypeError(`Property $ {r} of $ {t.type}
    expected to have the following:\n$ {s.join("\n")`)}}return
    t.shapeOf=e,t},t.assertOptionalChainStart=function(){return function(e){var t;let
    r=e;for(;e;){const{type:e}=r;if("OptionalCallExpression"!==e)if("OptionalMemberExpression"!==e)break;if(r.opti
    onal)return;r=r.object}else{if(r.optional)return;r=r.callee}}throw new TypeError(`Non-optional $ {e.type} must
    chain from an optional OptionalMemberExpression or OptionalCallExpression. Found chain from
    $ {null==(t=r)?void 0:t.type} `)},t.chain=S,t.default=function(e,t={}){const r=t.inherits&&P[t.inherits]||{};let
    n=t.fields;if(!n&&(n={},r.fields)){const e=Object.getOwnPropertyNames(r.fields);for(const t of e){const
    e=r.fields[t],i=e.default;if(Array.isArray(i)?i.length>0:i&&"object"===typeof i)throw new Error("field defaults can
    only be primitives or empty arrays
    currently");n[t]={default:Array.isArray(i)?i,optional:e.optional,validate:e.validate}}}const
    i=t.visitor|r.visitor||[],h=t.aliases|r.aliases||[],f=t.builder|r.builder||t.visitor||[];for(const r of Object.keys(t))if(-
    1===x.indexOf(r))throw new Error(`Unknown type option "$ {r}" on
    $ {e} `);t.deprecatedAlias&&(p[t.deprecatedAlias]=e);for(const e of i.concat(f))n[e]=n[e]||{};for(const t of
    Object.keys(n)){const r=n[t];void 0!==(r.default&&-1===f.indexOf(t)&&(r.optional=!0),void
    0===r.default?r.default=null:r.validate||null===r.default||(r.validate=g(d(r.default)));for(const n of Object.keys(r))if(-
    1===E.indexOf(n))throw new Error(`Unknown field key "$ {n}" on
    $ {e}.$ {t`})}s[e]=t.visitor=i,c[e]=t.builder=f,l[e]=t.fields=n,a[e]=t.aliases=h,h.forEach(t=>{o[t]=o[t]||[],o[t].push(e)
    }),t.validate&&(u[e]=t.validate);P[e]=t,t.NODE_PARENT_VALIDATIONS=t.DEPRECATED_KEYS=t.BUILDE
    R_KEYS=t.NODE_FIELDS=t.FLIPPED_ALIAS_KEYS=t.ALIAS_KEYS=t.VISITOR_KEYS=void 0;var
  
```

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n=r(36),i=r(57);const s={};t.VISITOR_KEYS=s;const a={};t.ALIAS_KEYS=a;const
o={};t.FLIPPED_ALIAS_KEYS=o;const l={};t.NODE_FIELDS=l;const c={};t.BUILDER_KEYS=c;const
p={};t.DEPRECATED_KEYS=p;const u={};function d(e){return Array.isArray(e)?"array":null===e?"null":typeof
e}function h(e){return{validate:e}}function f(e){return"string"===typeof e?b(e):b(...e)}function m(e){return
S(g("array"),T(e))}function y(e){return m(f(e))}function T(e){function t(t,r,n){if(Array.isArray(n))for(let
s=0;s<n.length;s++){const
a=`${r}[${s}]`,o=n[s];e(t,a,o),process.env.BABEL_TYPES_8_BREAKING&&(0,i.validateChild)(t,a,o)}}return
t.each=e,t}function b(...e){function t(t,r,s){for(const a of e)if((0,n.default)(a,s))return
void(0,i.validateChild)(t,r,s);throw new TypeError(`Property ${r} of ${t.type} expected node to be of a type
${JSON.stringify(e)} but instead got ${JSON.stringify(null===s?void 0:s.type)`)}}return
t.oneOfNodeTypes=e,t}function g(e){function t(t,r,n){if(!(d(n)===e))throw new TypeError(`Property ${r} expected
type of ${e} but got ${d(n)`)}}return t.type=e,t}function S(...e){function t(...t){for(const r of
e)r(...t)}if(t.chainOf=e,e.length>=2&&"type" in e[0]&&"array"===e[0].type&&!("each" in e[1]))throw new
Error(`An assertValueType("array") validator can only be followed by an assertEach(...) validator.`);return
t}t.NODE_PARENT_VALIDATIONS=u;const
x=["aliases","builder","deprecatedAlias","fields","inherits","visitor","validate"],E=["default","optional","validate"];
const P={},function(e,t,r){var n=r(151),i=r(156);e.exports=function(e,t){var r=i(e,t);return n(r)?r:void
0}},function(e,t){e.exports=function(e){return null!=e&&"object"===typeof e}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.NOT_LOCAL_BINDING=t.BLOCK_SCOPED_SYMB
OL=t.INHERIT_KEYS=t.UNARY_OPERATORS=t.STRING_UNARY_OPERATORS=t.NUMBER_UNARY_O
PERATORS=t.BOOLEAN_UNARY_OPERATORS=t.ASSIGNMENT_OPERATORS=t.BINARY_OPERATORS
=t.NUMBER_BINARY_OPERATORS=t.BOOLEAN_BINARY_OPERATORS=t.COMPARISON_BINARY_O
PERATORS=t.EQUALITY_BINARY_OPERATORS=t.BOOLEAN_NUMBER_BINARY_OPERATORS=t.UPDA
TE_OPERATORS=t.LOGICAL_OPERATORS=t.COMMENT_KEYS=t.FOR_INIT_KEYS=t.FLATTENABLE_K
EYS=t.STATEMENT_OR_BLOCK_KEYS=void
0;t.STATEMENT_OR_BLOCK_KEYS=["consequent","body","alternate"];t.FLATTENABLE_KEYS=["body","ex
pressions"];t.FOR_INIT_KEYS=["left","init"];t.COMMENT_KEYS=["leadingComments","trailingComments","in
nerComments"];const n=["||","&&","??"];t.LOGICAL_OPERATORS=n;t.UPDATE_OPERATORS=["++","--
"];const i=[">","<",">=","<="];t.BOOLEAN_NUMBER_BINARY_OPERATORS=i;const
s=["==","===","!=","!=="];t.EQUALITY_BINARY_OPERATORS=s;const
a=["...s","in","instanceof"];t.COMPARISON_BINARY_OPERATORS=a;const
o=["...a,...i"];t.BOOLEAN_BINARY_OPERATORS=o;const l=["-
","/","%","*","**","&","|",">>",">>>","<<","^"];t.NUMBER_BINARY_OPERATORS=l;const
c=["+","...l,...o"];t.BINARY_OPERATORS=c;const
p=["=","+=","...l.map(e=>e+"="),"...n.map(e=>e+"=")];t.ASSIGNMENT_OPERATORS=p;const
u=["delete","!"];t.BOOLEAN_UNARY_OPERATORS=u;const d=["+","-
","~"];t.NUMBER_UNARY_OPERATORS=d;const h=["typeof"];t.STRING_UNARY_OPERATORS=h;const
f=["void","throw",...u,...d,...h];t.UNARY_OPERATORS=f;t.INHERIT_KEYS={optional:["typeAnnotation","typeP
arameters","returnType"],force:["start","loc","end"]};const m=Symbol.for("var used to be block
scoped");t.BLOCK_SCOPED_SYMBOL=m;const y=Symbol.for("should not be considered a local
binding");t.NOT_LOCAL_BINDING=y},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=o;var n=r(5);const
i=Function.call.bind(Object.prototype.hasOwnProperty);function s(e,t,r){return e&&"string"===typeof
e.type?o(e,t,r):e}function a(e,t,r){return Array.isArray(e)?e.map(e=>s(e,t,r)):s(e,t,r)}function
o(e,t=!0,r=!1){if(!e)return
e;const{type:s}=e,o={type:s};if("Identifier"===s)o.name=e.name,i(e,"optional")&&"boolean"===typeof
e.optional&&(o.optional=e.optional),i(e,"typeAnnotation")&&(o.typeAnnotation=t?a(e.typeAnnotation,!0,r):e.type
Annotation);else{if(!i(n.NODE_FIELDS,s))throw new Error(`Unknown node type: "${s}"`);for(const c of

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Object.keys(n.NODE_FIELDS[s]))i(e,c)&&(o[c]=t?"File"===s&&"comments"===c?!(e.comments,t,r):a(e[c],!0,r):e
[c])}return
i(e,"loc")&&(o.loc=r?null:e.loc),i(e,"leadingComments")&&(o.leadingComments=l(e.leadingComments,t,r)),i(e,"in
nerComments")&&(o.innerComments=l(e.innerComments,t,r)),i(e,"trailingComments")&&(o.trailingComments=l(
e.trailingComments,t,r)),i(e,"extra")&&(o.extra=Object.assign({},e.extra)),o}function l(e,t,r){return
t&&r?function(e){return e.map(({type:e,value:t})=>({type:e,value:t,loc:null}))}(e):e},function(e,t,r){use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.NOT_LOCAL_BINDING=t.BLOCK_SCOPED_SYMB
OL=t.INHERIT_KEYS=t.UNARY_OPERATORS=t.STRING_UNARY_OPERATORS=t.NUMBER_UNARY_O
PERATORS=t.BOOLEAN_UNARY_OPERATORS=t.ASSIGNMENT_OPERATORS=t.BINARY_OPERATORS
=t.NUMBER_BINARY_OPERATORS=t.BOOLEAN_BINARY_OPERATORS=t.COMPARISON_BINARY_O
PERATORS=t.EQUALITY_BINARY_OPERATORS=t.BOOLEAN_NUMBER_BINARY_OPERATORS=t.UPDA
TE_OPERATORS=t.LOGICAL_OPERATORS=t.COMMENT_KEYS=t.FOR_INIT_KEYS=t.FLATTENABLE_K
EYS=t.STATEMENT_OR_BLOCK_KEYS=void
0;t.STATEMENT_OR_BLOCK_KEYS=["consequent","body","alternate"];t.FLATTENABLE_KEYS=["body","ex
pressions"];t.FOR_INIT_KEYS=["left","init"];t.COMMENT_KEYS=["leadingComments","trailingComments","in
nerComments"];const n=["||","&&","??"];t.LOGICAL_OPERATORS=n;t.UPDATE_OPERATORS=["++","--
"];const i=[">","<",">=","<="];t.BOOLEAN_NUMBER_BINARY_OPERATORS=i;const
s["==","===","!=","!=="];t.EQUALITY_BINARY_OPERATORS=s;const
a["...s","in","instanceof"];t.COMPARISON_BINARY_OPERATORS=a;const
o["...a,...i"];t.BOOLEAN_BINARY_OPERATORS=o;const l["-
","/","%","*","**","&","|",">>",">>>","<<","^"];t.NUMBER_BINARY_OPERATORS=l;const
c["+","...l,...o"];t.BINARY_OPERATORS=c;const
p["=","+=",...l.map(e=>e+"="),...n.map(e=>e+"=")];t.ASSIGNMENT_OPERATORS=p;const
u["delete","!"];t.BOOLEAN_UNARY_OPERATORS=u;const d["+","-
","~"];t.NUMBER_UNARY_OPERATORS=d;const h=["typeof"];t.STRING_UNARY_OPERATORS=h;const
f["void","throw",...u,...d,...h];t.UNARY_OPERATORS=f;t.INHERIT_KEYS={optional:["typeAnnotation","typeP
arameters","returnType"],force:["start","loc","end"]};const m=Symbol.for("var used to be block
scoped");t.BLOCK_SCOPED_SYMBOL=m;const y=Symbol.for("should not be considered a local
binding");t.NOT_LOCAL_BINDING=y},function(e,t,r){use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=l;var n=r(6),i=r(1);const
s=Function.call.bind(Object.prototype.hasOwnProperty);function a(e,t,r){return e&&"string"===typeof
e.type?!l(e,t,r):e}function o(e,t,r){return Array.isArray(e)?e.map(e=>a(e,t,r)):a(e,t,r)}function
l(e,t=!0,r=!1){if(!e)return
e;const{type:a}=e,l={type:e.type};if((0,i.isIdentifier)(e))l.name=e.name,s(e,"optional")&&"boolean"===typeof
e.optional&&(l.optional=e.optional),s(e,"typeAnnotation")&&(l.typeAnnotation=t?o(e.typeAnnotation,!0,r):e.typeA
nnotation);else{if(!s(n.NODE_FIELDS,a))throw new Error("Unknown node type: "${a}")};for(const p of
Object.keys(n.NODE_FIELDS[a]))s(e,p)&&(l[p]=t?(0,i.isFile)(e)&&"comments"===p?c(e.comments,t,r):o(e[p],!0,
r):e[p])}return
s(e,"loc")&&(l.loc=r?null:e.loc),s(e,"leadingComments")&&(l.leadingComments=c(e.leadingComments,t,r)),s(e,"in
nerComments")&&(l.innerComments=c(e.innerComments,t,r)),s(e,"trailingComments")&&(l.trailingComments=c(
e.trailingComments,t,r)),s(e,"extra")&&(l.extra=Object.assign({},e.extra)),l}function c(e,t,r){return
e&&t?e.map(({type:e,value:t,loc:n})=>r?{type:e,value:t,loc:null}:{type:e,value:t,loc:n}):e},function(e,t,r){use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=h,Object.defineProperty(t,"NodePath",{enumera
ble:!0,get:function(){return o.default}}),Object.defineProperty(t,"Scope",{enumerable:!0,get:function(){return
l.default}}),Object.defineProperty(t,"Hub",{enumerable:!0,get:function(){return c.default}}),t.visitors=void 0;var
n=d(r(132)),i=u(r(372));t.visitors=i;var s=u(r(0)),a=u(r(38)),o=d(r(8)),l=d(r(100)),c=d(r(373));function
p(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return p=function(){return e},e}function
u(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var

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t=p());if(t&&!.has(e))return t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i
in e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}return
r.default=e,t&&t.set(e,r),r}function d(e){return e&&e.__esModule?:{default:e}}function
h(e,t,r,n,a){if(e){if(t||(t={}),!t.noScope&&!r&&"Program"!==e.type&&"File"!==e.type)throw new Error("You must
pass a scope and parentPath unless traversing a Program/File. Instead of that you tried to traverse a ${e.type} node
without passing scope and parentPath.");s.VISITOR_KEYS[e.type]&&(i.explode(t),h.node(e,t,r,n,a))}}function
f(e,t){e.node.type===t.type&&(t.has=!0,e.stop())}h.visitors=i,h.verify=i.verify,h.explode=i.explode,h.cheap=functio
n(e,t){return s.traverseFast(e,t)},h.node=function(e,t,r,i,a,o){const l=s.VISITOR_KEYS[e.type];if(!l)return;const
c=new n.default(r,t,i,a);for(const t of
l)if(!o||o[t]&&c.visit(e,t))return},h.clearNode=function(e,t){s.removeProperties(e,t),a.path.delete(e)},h.removePro
perties=function(e,t){return s.traverseFast(e,h.clearNode,t),e},h.hasType=function(e,t,r){if(null===r?void
0:r.includes(e.type))return!1;if(e.type===t)return!0;const n={has:!1,type:t};return
h(e,{noScope:!0,denylist:r,enter:f},null,n),n.has},h.cache=a},function(e,t,r){var
n=r(41),i=r(152),s=r(153),a=n?n.toStringTag:void 0;e.exports=function(e){return null===e?void 0===e?"[object
Undefined]":"[object Null]":a&&a in Object(e)?i(e):s(e)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),Object.defineProperty(t,"isIdentifierName",{enumerable:!
0,get:function(){return
n.isIdentifierName}}),Object.defineProperty(t,"isIdentifierChar",{enumerable:!0,get:function(){return
n.isIdentifierChar}}),Object.defineProperty(t,"isIdentifierStart",{enumerable:!0,get:function(){return
n.isIdentifierStart}}),Object.defineProperty(t,"isReservedWord",{enumerable:!0,get:function(){return
i.isReservedWord}}),Object.defineProperty(t,"isStrictBindOnlyReservedWord",{enumerable:!0,get:function(){retur
n
i.isStrictBindOnlyReservedWord}}),Object.defineProperty(t,"isStrictBindReservedWord",{enumerable:!0,get:functi
on(){return
i.isStrictBindReservedWord}}),Object.defineProperty(t,"isStrictReservedWord",{enumerable:!0,get:function(){retu
rn i.isStrictReservedWord}}),Object.defineProperty(t,"isKeyword",{enumerable:!0,get:function(){return
i.isKeyword}});var n=r(209),i=r(210)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0});var
n={react:!0,assertNode:!0,createTypeAnnotationBasedOnTypeof:!0,createUnionTypeAnnotation:!0,createFlowUnio
nType:!0,createTSUnionType:!0,cloneNode:!0,clone:!0,cloneDeep:!0,cloneDeepWithoutLoc:!0,cloneWithoutLoc:!
0,addComment:!0,addComments:!0,inheritInnerComments:!0,inheritLeadingComments:!0,inheritsComments:!0,inh
eritTrailingComments:!0,removeComments:!0,ensureBlock:!0,toBindingIdentifierName:!0,toBlock:!0,toComputed
Key:!0,toExpression:!0,toIdentifier:!0,toKeyAlias:!0,toSequenceExpression:!0,toStatement:!0,valueToNode:!0,appe
ndToMemberExpression:!0,inherits:!0,prependToMemberExpression:!0,removeProperties:!0,removePropertiesDeep
:!0,removeTypeDuplicates:!0,getBindingIdentifiers:!0,getOuterBindingIdentifiers:!0,traverse:!0,traverseFast:!0,shall
owEqual:!0,is:!0,isBinding:!0,isBlockScoped:!0,isImmutable:!0,isLet:!0,isNode:!0,isNodesEquivalent:!0,isPlacehol
derType:!0,isReferenced:!0,isScope:!0,isSpecifierDefault:!0,isType:!0,isValidES3Identifier:!0,isValidIdentifier:!0,is
Var:!0,matchesPattern:!0,validate:!0,buildMatchMemberExpression:!0};Object.defineProperty(t,"assertNode",{enu
merable:!0,get:function(){return
o.default}}),Object.defineProperty(t,"createTypeAnnotationBasedOnTypeof",{enumerable:!0,get:function(){return
c.default}}),Object.defineProperty(t,"createUnionTypeAnnotation",{enumerable:!0,get:function(){return
p.default}}),Object.defineProperty(t,"createFlowUnionType",{enumerable:!0,get:function(){return
p.default}}),Object.defineProperty(t,"createTSUnionType",{enumerable:!0,get:function(){return
u.default}}),Object.defineProperty(t,"cloneNode",{enumerable:!0,get:function(){return
f.default}}),Object.defineProperty(t,"clone",{enumerable:!0,get:function(){return
m.default}}),Object.defineProperty(t,"cloneDeep",{enumerable:!0,get:function(){return
y.default}}),Object.defineProperty(t,"cloneDeepWithoutLoc",{enumerable:!0,get:function(){return

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T.default})),Object.defineProperty(t,"cloneWithoutLoc",{enumerable:!0,get:function(){return
b.default})),Object.defineProperty(t,"addComment",{enumerable:!0,get:function(){return
g.default})),Object.defineProperty(t,"addComments",{enumerable:!0,get:function(){return
S.default})),Object.defineProperty(t,"inheritInnerComments",{enumerable:!0,get:function(){return
x.default})),Object.defineProperty(t,"inheritLeadingComments",{enumerable:!0,get:function(){return
E.default})),Object.defineProperty(t,"inheritsComments",{enumerable:!0,get:function(){return
P.default})),Object.defineProperty(t,"inheritTrailingComments",{enumerable:!0,get:function(){return
v.default})),Object.defineProperty(t,"removeComments",{enumerable:!0,get:function(){return
A.default})),Object.defineProperty(t,"ensureBlock",{enumerable:!0,get:function(){return
I.default})),Object.defineProperty(t,"toBindingIdentifierName",{enumerable:!0,get:function(){return
C.default})),Object.defineProperty(t,"toBlock",{enumerable:!0,get:function(){return
N.default})),Object.defineProperty(t,"toComputedKey",{enumerable:!0,get:function(){return
k.default})),Object.defineProperty(t,"toExpression",{enumerable:!0,get:function(){return
D.default})),Object.defineProperty(t,"toIdentifier",{enumerable:!0,get:function(){return
_.default})),Object.defineProperty(t,"toKeyAlias",{enumerable:!0,get:function(){return
L.default})),Object.defineProperty(t,"toSequenceExpression",{enumerable:!0,get:function(){return
M.default})),Object.defineProperty(t,"toStatement",{enumerable:!0,get:function(){return
j.default})),Object.defineProperty(t,"valueToNode",{enumerable:!0,get:function(){return
F.default})),Object.defineProperty(t,"appendToMemberExpression",{enumerable:!0,get:function(){return
B.default})),Object.defineProperty(t,"inherits",{enumerable:!0,get:function(){return
U.default})),Object.defineProperty(t,"prependToMemberExpression",{enumerable:!0,get:function(){return
V.default})),Object.defineProperty(t,"removeProperties",{enumerable:!0,get:function(){return
K.default})),Object.defineProperty(t,"removePropertiesDeep",{enumerable:!0,get:function(){return
q.default})),Object.defineProperty(t,"removeTypeDuplicates",{enumerable:!0,get:function(){return
Y.default})),Object.defineProperty(t,"getBindingIdentifiers",{enumerable:!0,get:function(){return
W.default})),Object.defineProperty(t,"getOuterBindingIdentifiers",{enumerable:!0,get:function(){return
X.default})),Object.defineProperty(t,"traverse",{enumerable:!0,get:function(){return
J.default})),Object.defineProperty(t,"traverseFast",{enumerable:!0,get:function(){return
H.default})),Object.defineProperty(t,"shallowEqual",{enumerable:!0,get:function(){return
G.default})),Object.defineProperty(t,"is",{enumerable:!0,get:function(){return
z.default})),Object.defineProperty(t,"isBinding",{enumerable:!0,get:function(){return
$.default})),Object.defineProperty(t,"isBlockScoped",{enumerable:!0,get:function(){return
Q.default})),Object.defineProperty(t,"isImmutable",{enumerable:!0,get:function(){return
Z.default})),Object.defineProperty(t,"isLet",{enumerable:!0,get:function(){return
ee.default})),Object.defineProperty(t,"isNode",{enumerable:!0,get:function(){return
te.default})),Object.defineProperty(t,"isNodesEquivalent",{enumerable:!0,get:function(){return
re.default})),Object.defineProperty(t,"isPlaceholderType",{enumerable:!0,get:function(){return
ne.default})),Object.defineProperty(t,"isReferenced",{enumerable:!0,get:function(){return
ie.default})),Object.defineProperty(t,"isScope",{enumerable:!0,get:function(){return
se.default})),Object.defineProperty(t,"isSpecifierDefault",{enumerable:!0,get:function(){return
ae.default})),Object.defineProperty(t,"isType",{enumerable:!0,get:function(){return
oe.default})),Object.defineProperty(t,"isValidES3Identifier",{enumerable:!0,get:function(){return
le.default})),Object.defineProperty(t,"isValidIdentifier",{enumerable:!0,get:function(){return
ce.default})),Object.defineProperty(t,"isVar",{enumerable:!0,get:function(){return
pe.default})),Object.defineProperty(t,"matchesPattern",{enumerable:!0,get:function(){return
ue.default})),Object.defineProperty(t,"validate",{enumerable:!0,get:function(){return
de.default})),Object.defineProperty(t,"buildMatchMemberExpression",{enumerable:!0,get:function(){return
he.default})),t.react=void 0;var

```

```
i=r(264),s=r(265),a=r(266),o=r(274),l=r(275);Object.keys(l).forEach((function(e){ "default"!==e&&"__esModule"!
===e&&(Object.prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]===l[e]||Object.defineProperty(t,e,{ enumerable:!0,get:function(){ return l[e] } })));var
c=r(276),p=r(277),u=r(278),d=r(3);Object.keys(d).forEach((function(e){ "default"!==e&&"__esModule"!===e&&(O
bject.prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]===d[e]||Object.defineProperty(t,e,{ enumerable:!0,get:function(){ return d[e] } })));var
h=r(280);Object.keys(h).forEach((function(e){ "default"!==e&&"__esModule"!===e&&(Object.prototype.hasOwnPr
operty.call(n,e))|e in t&&t[e]===h[e]||Object.defineProperty(t,e,{ enumerable:!0,get:function(){ return h[e] } })));var
f=r(16),m=r(281),y=r(282),T=r(283),b=r(284),g=r(285),S=r(108),x=r(109),E=r(110),P=r(111),v=r(112),A=r(286),w
=r(287);Object.keys(w).forEach((function(e){ "default"!==e&&"__esModule"!===e&&(Object.prototype.hasOwnPr
operty.call(n,e))|e in t&&t[e]===w[e]||Object.defineProperty(t,e,{ enumerable:!0,get:function(){ return w[e] } })));var
O=r(15);Object.keys(O).forEach((function(e){ "default"!==e&&"__esModule"!===e&&(Object.prototype.hasOwnPr
operty.call(n,e))|e in t&&t[e]===O[e]||Object.defineProperty(t,e,{ enumerable:!0,get:function(){ return
O[e] } })));var
I=r(288),C=r(289),N=r(113),k=r(290),D=r(291),_r(114),L=r(292),M=r(293),j=r(295),F=r(296),R=r(6);Object.keys
(R).forEach((function(e){ "default"!==e&&"__esModule"!===e&&(Object.prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]===R[e]||Object.defineProperty(t,e,{ enumerable:!0,get:function(){ return R[e] } })));var
B=r(297),U=r(298),V=r(299),K=r(117),q=r(115),Y=r(107),W=r(37),X=r(300),J=r(301);Object.keys(J).forEach((fun
ction(e){ "default"!==e&&"__esModule"!===e&&(Object.prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]===J[e]||Object.defineProperty(t,e,{ enumerable:!0,get:function(){ return J[e] } })));var
H=r(116),G=r(54),z=r(36),$_r(302),Q=r(303),Z=r(304),ee=r(118),te=r(106),re=r(305),ne=r(104),ie=r(306),se=r(307
),ae=r(308),oe=r(56),le=r(309),ce=r(24),pe=r(310),ue=r(103),de=r(57),he=r(102),fe=r(1);Object.keys(fe).forEach((f
unction(e){ "default"!==e&&"__esModule"!===e&&(Object.prototype.hasOwnProperty.call(n,e))|e in
t&&t[e]===fe[e]||Object.defineProperty(t,e,{ enumerable:!0,get:function(){ return fe[e] } })));var
me=r(311);Object.keys(me).forEach((function(e){ "default"!==e&&"__esModule"!===e&&(Object.prototype.hasOw
nProperty.call(n,e))|e in t&&t[e]===me[e]||Object.defineProperty(t,e,{ enumerable:!0,get:function(){ return
me[e] } })));const
ye={ isReactComponent:i.default,isCompatTag:s.default,buildChildren:a.default};t.react=ye,function(e,t){ t.getArg
=function(e,t,r){ if(t in e)return e[t];if(3===arguments.length)return r;throw new Error(`"${t}" is a required
argument.`)};var r=/^(?:(\[\w+\]|-|+):)?\|\|(?:(\w+:\w+)?@)?(?:[\w.-]*)(?::(\d+))?(.*)$/;n=/^data:.\+.\+$/;function
i(e){ var t=e.match(r);return t?[ {scheme:t[1],auth:t[2],host:t[3],port:t[4],path:t[5]} :null} function s(e){ var t="";return
e.scheme&&(t+=e.scheme+":"),t+="://",e.auth&&(t+=e.auth+"@"),e.host&&(t+=e.host),e.port&&(t+=":"+e.port),e.
path&&(t+=e.path),t.t.urlParse=i,t.urlGenerate=s;var a,o,l=(a=function(e){ var r=e,n=i(e);if(n){ if(!n.path)return
e;r=n.path}for(var a=t.isAbsolute(r),o=[],l=0,c=0;){ if(l=c,-
1===c=r.indexOf("/",l)){ o.push(r.slice(l));break }for(o.push(r.slice(l,c));c<r.length&&"/"===r[c];c++)var
p,u=0;for(c=o.length-1;c>=0;c--
)"."===p?o.splice(c,1):".."===p?u++:u>0&&("."===p?(o.splice(c+1,u),u=0):(o.splice(c,2),u--
));return"."===r?o.join("/")&&(r=a?"":""),n?(n.path=r,s(n)):r,o=[],function(e){ for(var
t=0;t<o.length;t++)if(o[t].input===e){ var r=o[0];return o[0]=o[t],o[t]=r,o[0].result} var n=a(e);return
o.unshift({ input:e,result:n}),o.length>32&&o.pop(),n);function c(e,t){ ""===e&&(e="."),""===t&&(t=".");var
r=i(t),a=i(e);if(a&&(e=a.path||"/"),r&&!r.scheme)return a&&(r.scheme=a.scheme),s(r);if(r||t.match(n))return
t;if(a&&!a.host&&!a.path)return a.host=t,s(a);var o="."===t.charAt(0)?t.l(e.replace(/\/\$/,"")+"/"+t);return
a?(a.path=o,s(a)):o.t.normalize=l,t.join=c,t.isAbsolute=function(e){ return"."===e.charAt(0)||r.test(e),t.relative=function(e,t){ ""===e&&(e="."),e=e.replace(/\/\$/,"");for(var r=0;0!==(t.indexOf(e+"/"))){ var
n=e.lastIndexOf("/");if(n<0)return t;if((e=e.slice(0,n)).match(/^(\/\|+:\|)?\|*$/))return t;+r}return
Array(r+1).join("../")+t.substr(e.length+1)};var p=!("__proto__" in Object.create(null));function u(e){ return
e}function d(e){ if(!e)return!1;var t=e.length;if(t<9)return!1;if(95!==(e.charCodeAt(t-1))||95!==(e.charCodeAt(t-
2))||111!==(e.charCodeAt(t-3))||116!==(e.charCodeAt(t-4))||111!==(e.charCodeAt(t-5))||114!==(e.charCodeAt(t-
```

```

6)||112!==e.charCodeAt(t-7)||95!==e.charCodeAt(t-8)||95!==e.charCodeAt(t-9))return!1;for(var r=t-10;r>=0;r--
)if(36!==e.charCodeAt(r))return!1;return!0}function h(e,t){return e===t?0:null===e?1:null===t?-1:e>t?1:-
1}t.toSetString=p?u:function(e){return d(e)?"$"+e:e},t.fromSetString=p?u:function(e){return
d(e)?e.slice(1):e},t.compareByOriginalPositions=function(e,t,r){var n=h(e.source,t.source);return
0!==n||0!==(n=e.originalLine-t.originalLine)||0!==(n=e.originalColumn-
t.originalColumn)||r||0!==(n=e.generatedColumn-t.generatedColumn)||0!==(n=e.generatedLine-
t.generatedLine)?n:h(e.name,t.name)},t.compareByOriginalPositionsNoSource=function(e,t,r){var n;return
0!==(n=e.originalLine-t.originalLine)||0!==(n=e.originalColumn-t.originalColumn)||r||0!==(n=e.generatedColumn-
t.generatedColumn)||0!==(n=e.generatedLine-
t.generatedLine)?n:h(e.name,t.name)},t.compareByGeneratedPositionsDeflated=function(e,t,r){var
n=e.generatedLine-t.generatedLine;return 0!==(n||0!==(n=e.generatedColumn-
t.generatedColumn)||r||0!==(n=h(e.source,t.source)))||0!==(n=e.originalLine-
t.originalLine)||0!==(n=e.originalColumn-
t.originalColumn)?n:h(e.name,t.name)},t.compareByGeneratedPositionsDeflatedNoLine=function(e,t,r){var
n=e.generatedColumn-t.generatedColumn;return 0!==(n||r||0!==(n=h(e.source,t.source)))||0!==(n=e.originalLine-
t.originalLine)||0!==(n=e.originalColumn-
t.originalColumn)?n:h(e.name,t.name)},t.compareByGeneratedPositionsInflated=function(e,t){var
r=e.generatedLine-t.generatedLine;return 0!==(r||0!==(r=e.generatedColumn-
t.generatedColumn)||0!==(r=h(e.source,t.source)))||0!==(r=e.originalLine-t.originalLine)||0!==(r=e.originalColumn-
t.originalColumn)?r:h(e.name,t.name)},t.parseSourceMapInput=function(e){return
JSON.parse(e.replace(/\\/)/)[^\\n]*\\n/,""),t.computeSourceURL=function(e,t,r){if(t===t||"e&&(!===e[e.length-
1]&&"!===t[0]&&(e+="/"),t=e+t,r){var n=i(r);if(!n)throw new Error("sourceMapURL could not be
parsed");if(n.path){var a=n.path.lastIndexOf("/");a>=0&&(n.path=n.path.substring(0,a+1))}t=c(s(n),t)}return
l(t)},function(e,t){e.exports=function(e){var t=typeof e;return
null!=e&&("object"===t||"function"===t)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t=!0){if("string"!==typeof
e)return!1;if(t){if((0,n.isKeyword)(e)||!(0,n.isStrictReservedWord)(e))return!1;if("await"===e)return!1}return(0,n.isI
dentifierName)(e)};var n=r(19)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t=!0){if("string"!==typeof
e)return!1;if(t&&((0,n.isKeyword)(e)||!(0,n.isStrictReservedWord)(e,!0)))return!1;return(0,n.isIdentifierName)(e)};v
ar n=r(19)},function(e,t){t.getArg=function(e,t,r){if(t in e)return e[t];if(3===arguments.length)return r;throw new
Error("\\'''+t+' is a required argument.");var r=/^?:([/w+\\-
.]|:)?\\|\\(?:\\w+\\w+)@?([/w.]*)(?:\\(d+)?(\\S*)$)/,n=/^data:\\.+\\.+$/;function i(e){var t=e.match(r);return
t?{scheme:t[1],auth:t[2],host:t[3],port:t[4],path:t[5]}:null}function s(e){var t="";return
e.scheme&&(t+=e.scheme+":"),t+="/",e.auth&&(t+=e.auth+"@"),e.host&&(t+=e.host),e.port&&(t+=":"+e.port),e.
path&&(t+=e.path),t}function a(e){var r=e,n=i(e);if(n){if(!n.path)return e;r=n.path}for(var
a,o=t.isAbsolute(r),l=r.split(/\\+/,),c=0,p=l.length-1;p>=0;p--
)l[""]===a=l[p]?l.splice(p,1):"..===a?c++:c>0&&("===a?(l.splice(p+1,c):l.splice(p,2),c--
));return""===l.join("/")&&(r=o?"":l),n?(n.path=r,s(n)):r}t.urlParse=i,t.urlGenerate=s,t.normalize=a,t.join=fu
nction(e,t){""===e&&(e=""),""===t&&(t="");var r=i(t),o=i(e);if(o&&(e=o.path||"/"),r&&!r.scheme)return
o&&(r.scheme=o.scheme),s(r);if(r||t.match(n))return t;if(o&&!o.host&&!o.path)return o.host=t,s(o);var
l="/"===t.charAt(0)?t:a(e.replace(/\\+$/, "")+ "/" + t);return
o?(o.path=l,s(o)):l},t.isAbsolute=function(e){return "/"===e.charAt(0)||!e.match(r)},t.relative=function(e,t){""===e
&&(e=""),e=e.replace(/\\$/, "");for(var r=0;0!==(t.indexOf(e+"/"));){var n=e.lastIndexOf("/");if(n<0)return
t;if((e=e.slice(0,n)).match(/^[^\\|+:\?\\*$/]))return t;++r}return Array(r+1).join("../")+t.substr(e.length+1)};var
o!("__proto__" in Object.create(null));function l(e){return e}function c(e){if(!e)return!1;var
t=e.length;if(t<9)return!1;if(95!==e.charCodeAt(t-1)||95!==e.charCodeAt(t-2)||111!==e.charCodeAt(t-
3)||116!==e.charCodeAt(t-4)||111!==e.charCodeAt(t-5)||114!==e.charCodeAt(t-6)||112!==e.charCodeAt(t-

```

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7)||95!===e.charCodeAtAt(t-8)||95!===e.charCodeAtAt(t-9))return!1;for(var r=t-10;r>=0;r--
)if(36!===e.charCodeAtAt(r))return!1;return!0}function p(e,t){return e===t?0:e>t?1:-
1}t.toSetString=o?!:function(e){return c(e)?"$"+e:e},t.fromSetString=o?!:function(e){return
c(e)?e.slice(1):e},t.compareByOriginalPositions=function(e,t,r){var n=e.source-t.source;return
0!===n||0!==(n=e.originalLine-t.originalLine)||0!==(n=e.originalColumn-
t.originalColumn)||r||0!==(n=e.generatedColumn-t.generatedColumn)||0!==(n=e.generatedLine-
t.generatedLine)?n:e.name-t.name},t.compareByGeneratedPositionsDeflated=function(e,t,r){var n=e.generatedLine-
t.generatedLine;return 0!===n||0!==(n=e.generatedColumn-t.generatedColumn)||r||0!==(n=e.source-
t.source)||0!==(n=e.originalLine-t.originalLine)||0!==(n=e.originalColumn-t.originalColumn)?n:e.name-
t.name},t.compareByGeneratedPositionsInflated=function(e,t){var r=e.generatedLine-t.generatedLine;return
0!===r||0!==(r=e.generatedColumn-t.generatedColumn)||0!==(r=p(e.source,t.source))||0!==(r=e.originalLine-
t.originalLine)||0!==(r=e.originalColumn-t.originalColumn)?r:p(e.name,t.name)}},function(e,t,r){var
n=r(141),i=r(142),s=r(143),a=r(144),o=r(145);function l(e){var t=-
1,r=null===e?0:e.length;for(this.clear();++t<r;){var
n=e[t];this.set(n[0],n[1])}l.prototype.clear=n,l.prototype.delete=i,l.prototype.get=s,l.prototype.has=a,l.prototype.set
=o,e.exports=l},function(e,t,r){var n=r(66);e.exports=function(e,t){for(var r=e.length;r--;)if(n(e[r][0],t))return
r;return-1}},function(e,t,r){var n=r(11)(Object,"create");e.exports=n},function(e,t,r){var
n=r(166);e.exports=function(e,t){var r=e.__data__;return n(t)?r["string"]===typeof
t?"string":"hash":r.map}},function(e,t,r){var n=r(70),i=r(71);e.exports=function(e,t,r,s){var a=!r||r(={});for(var
o=-1,l=t.length;++o<l;){var c=t[o],p=s?s[r[c],e[c],c,r,e]:void 0;void 0===p&&(p=e[c]),a?i(r,c,p):n(r,c,p)}return
r}},function(e,t){e.exports=function(e){return
e.webpackPolyfill||(e.deprecate=function(){}),e.paths=[],e.children||(e.children=[]),Object.defineProperty(e,"loaded",
{enumerable:!0,get:function(){return e.l}}),Object.defineProperty(e,"id",{enumerable:!0,get:function(){return
e.i}}),e.webpackPolyfill=1),e}},function(e,t){e.exports=function(e){return function(t){return
e(t)}},function(e,t,r){(function(e){var n=r(68),i=t&&!t.nodeType&&t,s=i&&"object"===typeof
e&&e&&!e.nodeType&&e,a=s&&s.exports===i&&n.process,o=function(){try{var
e=s&&s.require&&s.require("util").types;return
e||a&&a.binding&&a.binding("util")}catch(e){}});e.exports=o}).call(this,r(31)(e)),function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){if(!t)return!1;if(!0,i.default)(t.type
e,e))return!r&&"Placeholder"===t.type&&e in
a.FLIPPED_ALIAS_KEYS&&(0,s.default)(t.expectedNode,e);return void 0===r||(0,n.default)(t,r)};var
n=o(r(39)),i=o(r(51)),s=o(r(82)),a=r(5);function o(e){return e&&e.__esModule?e:{default:e}}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=i;var n=r(2);function i(e,t,r){let
s=[].concat(e);const a=Object.create(null);for(;s.length;){const e=s.shift();if(!e)continue;const
o=i.keys[e.type];if((0,n.isIdentifier)(e))if(t){(a[e.name]=a[e.name]||[]).push(e)}else a[e.name]=e;else
if((0,n.isExportDeclaration)(e))(0,n.isDeclaration)(e.declaration)&&s.push(e.declaration);else if(r){if((0,n.isFunction
Declaration)(e)){s.push(e.id);continue}if((0,n.isFunctionExpression)(e))continue}if(o)for(let
t=0;t<o.length;t++){const r=o[t];e[r]&&(s=s.concat(e[r]))}}return
a}i.keys={DeclareClass:["id"],DeclareFunction:["id"],DeclareModule:["id"],DeclareVariable:["id"],DeclareInterfac
e:["id"],DeclareTypeAlias:["id"],DeclareOpaqueType:["id"],InterfaceDeclaration:["id"],TypeAlias:["id"],OpaqueTy
pe:["id"],CatchClause:["param"],LabeledStatement:["label"],UnaryExpression:["argument"],AssignmentExpression:
["left"],ImportSpecifier:["local"],ImportNamespaceSpecifier:["local"],ImportDefaultSpecifier:["local"],ImportDecla
ration:["specifiers"],ExportSpecifier:["exported"],ExportNamespaceSpecifier:["exported"],ExportDefaultSpecifier:[
"exported"],FunctionDeclaration:["id","params"],FunctionExpression:["id","params"],ArrowFunctionExpression:["p
arams"],ObjectMethod:["params"],ClassMethod:["params"],ForInStatement:["left"],ForOfStatement:["left"],ClassD
eclaration:["id"],ClassExpression:["id"],RestElement:["argument"],UpdateExpression:["argument"],ObjectProperty:
["value"],AssignmentPattern:["left"],ArrayPattern:["elements"],ObjectPattern:["properties"],VariableDeclaration:["d
eclarations"],VariableDeclarator:["id"]}},function(e,t,r){"use

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strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){if(!t)return!1;if(!0,i.default)(t.type
e,e)return!r&&"Placeholder"===t.type&&e in
a.FLIPPED_ALIAS_KEYS&&(0,s.default)(t.expectedNode,e);return void 0===r||(0,n.default)(t,r);var
n=r(54),i=r(56),s=r(104),a=r(6)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=i;var n=r(1);function i(e,t,r){ let
s=[],concat(e);const a=Object.create(null);for(;s.length;){ const e=s.shift();if(!e)continue;const
o=i.keys[e.type];if((0,n.isIdentifier)(e))if(t){(a[e.name]=a[e.name]||[]).push(e)}else a[e.name]=e;else
if(!(0,n.isExportDeclaration)(e)||(0,n.isExportAllDeclaration)(e)){if(r){if((0,n.isFunctionDeclaration)(e)){s.push(e.id
);continue}if((0,n.isFunctionExpression)(e))continue}if(o)for(let t=0;t<o.length;t++){ const
r=o[t];e[r]&&(s=s.concat(e[r]))} }else(0,n.isDeclaration)(e.declaration)&&s.push(e.declaration)}return
a}i.keys={ DeclareClass:["id"],DeclareFunction:["id"],DeclareModule:["id"],DeclareVariable:["id"],DeclareInterfac
e:["id"],DeclareTypeAlias:["id"],DeclareOpaqueType:["id"],InterfaceDeclaration:["id"],TypeAlias:["id"],OpaqueTy
pe:["id"],CatchClause:["param"],LabeledStatement:["label"],UnaryExpression:["argument"],AssignmentExpression:
["left"],ImportSpecifier:["local"],ImportNamespaceSpecifier:["local"],ImportDefaultSpecifier:["local"],ImportDecla
ration:["specifiers"],ExportSpecifier:["exported"],ExportNamespaceSpecifier:["exported"],ExportDefaultSpecifier:[
"exported"],FunctionDeclaration:["id","params"],FunctionExpression:["id","params"],ArrowFunctionExpression:["p
arams"],ObjectMethod:["params"],ClassMethod:["params"],ForInStatement:["left"],ForOfStatement:["left"],ClassD
eclaration:["id"],ClassExpression:["id"],RestElement:["argument"],UpdateExpression:["argument"],ObjectProperty:
["value"],AssignmentPattern:["left"],ArrayPattern:["elements"],ObjectPattern:["properties"],VariableDeclaration:["d
eclarations"],VariableDeclarator:["id"]}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.clear=function(){s(),a()},t.clearPath=s,t.clearScope=a,t.s
cope=t.path=void 0;let n=new WeakMap;t.path=n;let i=new WeakMap;function s(){t.path=n=new
WeakMap}function a(){t.scope=i=new WeakMap}t.scope=i},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){const r=Object.keys(t);for(const n
of r)if(e[n]!==t[n])return!1;return!0},function(e,t,r){ var n=r(11)(r(7),"Map");e.exports=n},function(e,t,r){ var
n=r(7).Symbol;e.exports=n},function(e,t,r){ var n=r(72),i=r(180),s=r(76);e.exports=function(e){return
s(e)?n(e):i(e)},function(e,t){ var r=Array.isArray;e.exports=r},function(e,t){ var
r=Object.prototype;e.exports=function(e){ var t=e&&e.constructor;return e===("function"===typeof
t&&t.prototype|r)},function(e,t,r){ var n=r(72),i=r(183),s=r(76);e.exports=function(e){ return
s(e)?n(e,!0):i(e)},function(e,t,r){ var
n=r(188),i=r(77),s=Object.prototype.propertyIsEnumerable,a=Object.getOwnPropertySymbols,o=a?function(e){retu
rn null===e?[]:(e=Object(e),n(a(e),(function(t){return s.call(e,t)})))};i,e.exports=o},function(e,t,r){ var
n=r(75)(Object.getPrototypeOf,Object);e.exports=n},function(e,t,r){ var
n=r(192),i=r(40),s=r(193),a=r(194),o=r(195),l=r(18),c=r(69),p=c(n),u=c(i),d=c(s),h=c(a),f=c(o),m=l;(n&&"[object
DataView]"!=m(new n(new ArrayBuffer(1)))||i&&"[object Map]"!=m(new i)||s&&"[object
Promise]"!=m(s.resolve())||a&&"[object Set]"!=m(new a)||o&&"[object WeakMap]"!=m(new
o))&&(m=function(e){ var t=l(e),r="[object Object]"===t?e.constructor:void 0,n=r?c(r):"";if(n)switch(n){ case
p:return"[object DataView]";case u:return"[object Map]";case d:return"[object Promise]";case h:return"[object
Set]";case f:return"[object WeakMap]"}return t}),e.exports=m},function(e,t,r){ var
n=r(198);e.exports=function(e){ var t=new e.constructor(e.byteLength);return new n(t).set(new
n(e),t)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.classMethodOrDeclareMethodCommon=t.classMethodO
rPropertyCommon=t.patternLikeCommon=t.functionDeclarationCommon=t.functionTypeAnnotationCommon=t.fun
ctionCommon=void 0;var n=c(r(34)),i=c(r(23)),s=r(19),a=r(13),o=function(e){if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=l();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){ var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t

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&&t.set(e,r);return r}(r(9));function l(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
l=function(){return e},e}function c(e){return
e&&e.__esModule?:{default:e}}(0,o.default)("ArrayExpression",{fields:{elements:{validate:(0,o.chain)((0,o.asser
tValueType)("array"),(0,o.assertEach)((0,o.assertNodeOrValueType)("null","Expression","SpreadElement"))},defau
lt:process.env.BABEL_TYPES_8_BREAKING?void
0:[]}},visitor:["elements"],aliases:["Expression"]}),0,o.default)("AssignmentExpression",{fields:{operator:{validat
e:function(){if(!process.env.BABEL_TYPES_8_BREAKING)return(0,o.assertValueType)("string");const
e=(0,o.assertOneOf(...a.ASSIGNMENT_OPERATORS),t=(0,o.assertOneOf("="));return
function(r,i,s){((0,n.default)("Pattern",r.left)?t:e)(r,i,s)}(i),left:{validate:process.env.BABEL_TYPES_8_BREAKI
NG?(0,o.assertNodeType)("Identifier","MemberExpression","ArrayPattern","ObjectPattern):(0,o.assertNodeType)("
LVal")},right:{validate:(0,o.assertNodeType)("Expression")}},builder:["operator","left","right"],visitor:["left","rig
ht"],aliases:["Expression"]}),0,o.default)("BinaryExpression",{builder:["operator","left","right"],fields:{operator:{v
alidate:(0,o.assertOneOf(...a.BINARY_OPERATORS))},left:{validate:function(){const
e=(0,o.assertNodeType)("Expression"),t=(0,o.assertNodeType)("Expression","PrivateName"),r=function(r,n,i){("in"
===r.operator?t:e)(r,n,i)};return
r.oneOfNodeTypes=["Expression","PrivateName"],r(i)},right:{validate:(0,o.assertNodeType)("Expression")}},visit
or:["left","right"],aliases:["Binary","Expression"]}),0,o.default)("InterpreterDirective",{builder:["value"],fields:{va
lue:{validate:(0,o.assertValueType)("string")}}}),0,o.default)("Directive",{visitor:["value"],fields:{value:{validat
e:(0,o.assertNodeType)("DirectiveLiteral")}}}),0,o.default)("DirectiveLiteral",{builder:["value"],fields:{value:{valid
ate:(0,o.assertValueType)("string")}}}),0,o.default)("BlockStatement",{builder:["body","directives"],visitor:["direc
tives","body"],fields:{directives:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.asser
tNodeType)("Directive"))},default:[]},body:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.a
ssertNodeType)("Statement"))}},aliases:["Scopable","BlockParent","Block","Statement"]}),0,o.default)("BreakSta
tement",{visitor:["label"],fields:{label:{validate:(0,o.assertNodeType)("Identifier"),optional:!0}},aliases:["Statemen
t","Terminatorless","CompletionStatement"]}),0,o.default)("CallExpression",{visitor:["callee","arguments","typePa
rameters","typeArguments"],builder:["callee","arguments"],aliases:["Expression"],fields:Object.assign({callee:{vali
date:(0,o.assertNodeType)("Expression","V8IntrinsicIdentifier")},arguments:{validate:(0,o.chain)((0,o.assertValueT
ype)("array"),(0,o.assertEach)((0,o.assertNodeType)("Expression","SpreadElement","JSXNamespacedName","Argu
mentPlaceholder"))}},process.env.BABEL_TYPES_8_BREAKING?{optional:{validate:(0,o.assertOneOf(!0,!
1),optional:!0)},typeArguments:{validate:(0,o.assertNodeType)("TypeParameterInstantiation"),optional:!0},typeP
arameters:{validate:(0,o.assertNodeType)("TSTypeParameterInstantiation"),optional:!0}}}),0,o.default)("CatchCl
ause",{visitor:["param","body"],fields:{param:{validate:(0,o.assertNodeType)("Identifier","ArrayPattern","ObjectP
attern"),optional:!0},body:{validate:(0,o.assertNodeType)("BlockStatement")}},aliases:["Scopable","BlockParent"]
}),0,o.default)("ConditionalExpression",{visitor:["test","consequent","alternate"],fields:{test:{validate:(0,o.assertN
odeType)("Expression"),consequent:{validate:(0,o.assertNodeType)("Expression")},alternate:{validate:(0,o.assert
NodeType)("Expression")}},aliases:["Expression","Conditional"]}),0,o.default)("ContinueStatement",{visitor:["lab
el"],fields:{label:{validate:(0,o.assertNodeType)("Identifier"),optional:!0}},aliases:["Statement","Terminatorless","
CompletionStatement"]}),0,o.default)("DebuggerStatement",{aliases:["Statement"]}),0,o.default)("DoWhileState
ment",{visitor:["test","body"],fields:{test:{validate:(0,o.assertNodeType)("Expression")},body:{validate:(0,o.asser
tNodeType)("Statement")}},aliases:["Statement","BlockParent","Loop","While","Scopable"]}),0,o.default)("Empty
Statement",{aliases:["Statement"]}),0,o.default)("ExpressionStatement",{visitor:["expression"],fields:{expression:{
validate:(0,o.assertNodeType)("Expression")}},aliases:["Statement","ExpressionWrapper"]}),0,o.default)("File",{b
uilder:["program","comments","tokens"],visitor:["program"],fields:{program:{validate:(0,o.assertNodeType)("Progr
am")},comments:{validate:process.env.BABEL_TYPES_8_BREAKING?(0,o.assertEach)((0,o.assertNodeType)("C
ommentBlock","CommentLine")):Object.assign(=>{},{each:{oneOfNodeTypes:["CommentBlock","CommentLin
e"]}}),optional:!0},tokens:{validate:(0,o.assertEach)(Object.assign(=>{},{type:"any"}))},optional:!0}}}),0,o.defau
lt)("ForInStatement",{visitor:["left","right","body"],aliases:["Scopable","Statement","For","BlockParent","Loop","F
orXStatement"],fields:{left:{validate:process.env.BABEL_TYPES_8_BREAKING?(0,o.assertNodeType)("Variable

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Declaration", "Identifier", "MemberExpression", "ArrayPattern", "ObjectPattern"): (0, o.assertNodeType)("VariableDeclaration", "LVal")), right: { validate: (0, o.assertNodeType)("Expression") }, body: { validate: (0, o.assertNodeType)("Statement") } } }, (0, o.default)("ForStatement", { visitor: ["init", "test", "update", "body"], aliases: ["Scopable", "Statement", "For", "BlockParent", "Loop"], fields: { init: { validate: (0, o.assertNodeType)("VariableDeclaration", "Expression"), optional: !0 }, test: { validate: (0, o.assertNodeType)("Expression"), optional: !0 }, update: { validate: (0, o.assertNodeType)("Expression"), optional: !0 }, body: { validate: (0, o.assertNodeType)("Statement") } } } ); const
p = { params: { validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)((0, o.assertNodeType)("Identifier", "Pattern", "RestElement", "TSPARAMETERPROPERTY"))) }, generator: { default: !1 }, async: { default: !1 } }; t.functionCommon = p; const
u = { returnType: { validate: (0, o.assertNodeType)("TypeAnnotation", "TSTypeAnnotation", "Noop"), optional: !0 }, typeParameters: { validate: (0, o.assertNodeType)("TypeParameterDeclaration", "TSTypeParameterDeclaration", "Noop"), optional: !0 } }; t.functionTypeAnnotationCommon = u; const
d = Object.assign({ }, p, { declare: { validate: (0, o.assertValueType)("boolean"), optional: !0 }, id: { validate: (0, o.assertNodeType)("Identifier"), optional: !0 } }); t.functionDeclarationCommon = d, (0, o.default)("FunctionDeclaration", { builder: ["id", "params", "body", "generator", "async"], visitor: ["id", "params", "body", "returnType", "typeParameters"], fields: Object.assign({ }, d, u, { body: { validate: (0, o.assertNodeType)("BlockStatement") } }, aliases: ["Scopable", "Function", "BlockParent", "FunctionParent", "Statement", "Pureish", "Declaration"], validate: function() { if (!process.env.BABEL_TYPES_8_BREAKING) return () => { }; const e = (0, o.assertNodeType)("Identifier"); return
function(t, r, i) { (0, n.default)("ExportDefaultDeclaration", t) || e(i, "id", i.id) } } ), (0, o.default)("FunctionExpression", { inherits: "FunctionDeclaration", aliases: ["Scopable", "Function", "BlockParent", "FunctionParent", "Expression", "Pureish"], fields: Object.assign({ }, p, u, { id: { validate: (0, o.assertNodeType)("Identifier"), optional: !0 }, body: { validate: (0, o.assertNodeType)("BlockStatement") } } } ); const
h = { typeAnnotation: { validate: (0, o.assertNodeType)("TypeAnnotation", "TSTypeAnnotation", "Noop"), optional: !0 }, decorators: { validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)((0, o.assertNodeType)("Decorator"))) } }; t.patternLikeCommon = h, (0, o.default)("Identifier", { builder: ["name"], visitor: ["typeAnnotation", "decorators"], aliases: ["Expression", "PatternLike", "LVal", "TSEntityName"], fields: Object.assign({ }, h, { name: { validate: (0, o.chain)((0, o.assertValueType)("string"), Object.assign((function(e, t, r) { if (process.env.BABEL_TYPES_8_BREAKING && !(0, i.default)(r, !1)) throw new TypeError(`"${r}" is not a valid identifier name`)}), { type: "string" } } ), optional: { validate: (0, o.assertValueType)("boolean"), optional: !0 } }, validate(e, t, r) { if (!process.env.BABEL_TYPES_8_BREAKING) return; const
i = /\.(\\w+)\$/ .exec(t); if (!i) return; const [a] = i, o = { computed: !1 }; if ("property" === a) { if ((0, n.default)("MemberExpression", e, o)) return; if ((0, n.default)("OptionalMemberExpression", e, o)) return } else
if ("key" === a) { if ((0, n.default)("Property", e, o)) return; if ((0, n.default)("Method", e, o)) return } else
if ("exported" === a) { if ((0, n.default)("ExportSpecifier", e)) return } else
if ("imported" === a) { if ((0, n.default)("ImportSpecifier", e, { imported: r })) return } else
if ("meta" === a && (0, n.default)("MetaProperty", e, { meta: r })) return; if (((0, s.isKeyword)(r.name) || (0, s.isReservedWord)(r.name)) && "this" !== r.name) throw new TypeError(`"${r.name}" is not a valid identifier` ) } }, (0, o.default)("IfStatement", { visitor: ["test", "consequent", "alternate"], aliases: ["Statement", "Conditional"], fields: { test: { validate: (0, o.assertNodeType)("Expression") }, consequent: { validate: (0, o.assertNodeType)("Statement") }, alternate: { optional: !0, validate: (0, o.assertNodeType)("Statement") } } }, (0, o.default)("LabeledStatement", { visitor: ["label", "body"], aliases: ["Statement"], fields: { label: { validate: (0, o.assertNodeType)("Identifier") }, body: { validate: (0, o.assertNodeType)("Statement") } } }, (0, o.default)("StringLiteral", { builder: ["value"], fields: { value: { validate: (0, o.assertValueType)("string") } }, aliases: ["Expression", "Pureish", "Literal", "Immutable"] } ), (0, o.default)("NumericLiteral", { builder: ["value"], deprecatedAlias: "NumberLiteral", fields: { value: { validate: (0, o.assertValueType)("number") } }, aliases: ["Expression", "Pureish", "Literal", "Immutable"] } ), (0, o.default)("NullLiteral", { aliases: ["Expression", "Pureish", "Literal", "Immutable"] } ), (0, o.default)("BooleanLiteral", { builder: ["value"], fields: { value: { validate: (0, o.assertValueType)("boolean") } }, aliases: ["Expression", "Pureish", "Literal", "Immutable"] } ), (0, o.default)("RegExpLiteral", { builder: ["pattern", "flags"], deprecatedAlias: "RegexLiteral", aliases: ["Expression", "Pureish", "Literal"], fields: { pattern: { validate

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:(0,o.assertValueType)("string")),flags:{validate:(0,o.chain)((0,o.assertValueType)("string"),Object.assign((function
(e,t,r){if(!process.env.BABEL_TYPES_8_BREAKING)return;const n=/^[^gimsuy]/.exec(r);if(n)throw new
TypeError(`"${n[0]}" is not a valid RegExp
flag`))},{type:"string"})),default:""})),(0,o.default)("LogicalExpression",{builder:["operator","left","right"],visitor
:["left","right"],aliases:["Binary","Expression"],fields:{operator:{validate:(0,o.assertOneOf(...a.LOGICAL_OPER
ATORS))},left:{validate:(0,o.assertNodeType)("Expression")},right:{validate:(0,o.assertNodeType)("Expression")
}}),(0,o.default)("MemberExpression",{builder:["object","property","computed","optional"],visitor:["object","prope
rty"],aliases:["Expression","LVal"],fields:Object.assign({object:{validate:(0,o.assertNodeType)("Expression")},pro
perty:{validate:function(){const
e=(0,o.assertNodeType)("Identifier","PrivateName"),t=(0,o.assertNodeType)("Expression"),r=function(r,n,i){(r.com
puted?t:e)(r,n,i)};return
r.oneOfNodeTypes=["Expression","Identifier","PrivateName",r]}),computed:{default:!1}},process.env.BABEL_
TYPES_8_BREAKING?{}:{optional:{validate:(0,o.assertOneOf(!0,!1),optional:!0)}})),(0,o.default)("NewExpres
sion",{inherits:"CallExpression"}),(0,o.default)("Program",{visitor:["directives","body"],builder:["body","directives
","sourceType","interpreter"],fields:{sourceFile:{validate:(0,o.assertValueType)("string")},sourceType:{validate:(0,
o.assertOneOf("script","module"),default:"script"},interpreter:{validate:(0,o.assertNodeType)("InterpreterDirective
"),default:null,optional:!0},directives:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,asse
rtNodeType)("Directive"))),default:[],body:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((
0,o.assertNodeType)("Statement"))}},aliases:["Scopable","BlockParent","Block"]}),0,o.default)("ObjectExpressio
n",{visitor:["properties"],aliases:["Expression"],fields:{properties:{validate:(0,o.chain)((0,o.assertValueType)("arra
y"),(0,o.assertEach)((0,o.assertNodeType)("ObjectMethod","ObjectProperty","SpreadElement"))}},(0,o.default)(
"ObjectMethod",{builder:["kind","key","params","body","computed","generator","async"],fields:Object.assign({,p
,u,{kind:Object.assign({validate:(0,o.assertOneOf("method","get","set")),process.env.BABEL_TYPES_8_BREAK
ING?{}:{default:"method"}),computed:{default:!1},key:{validate:function(){const
e=(0,o.assertNodeType)("Identifier","StringLiteral","NumericLiteral"),t=(0,o.assertNodeType)("Expression"),r=fun
ction(r,n,i){(r.computed?t:e)(r,n,i)};return
r.oneOfNodeTypes=["Expression","Identifier","StringLiteral","NumericLiteral",r]}),decorators:{validate:(0,o.chai
n)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Decorator"))),optional:!0},body:{validat
e:(0,o.assertNodeType)("BlockStatement")}},visitor:["key","params","body","decorators","returnType","typeParam
eters"],aliases:["UserWhitespacable","Function","Scopable","BlockParent","FunctionParent","Method","ObjectMe
mber"]}),0,o.default)("ObjectProperty",{builder:["key","value","computed","shorthand",...process.env.BABEL_T
YPES_8_BREAKING?[]:["decorators"]],fields:{computed:{default:!1},key:{validate:function(){const
e=(0,o.assertNodeType)("Identifier","StringLiteral","NumericLiteral"),t=(0,o.assertNodeType)("Expression"),r=fun
ction(r,n,i){(r.computed?t:e)(r,n,i)};return
r.oneOfNodeTypes=["Expression","Identifier","StringLiteral","NumericLiteral",r]}),value:{validate:(0,o.assertNo
deType)("Expression","PatternLike")},shorthand:{validate:(0,o.chain)((0,o.assertValueType)("boolean"),Object.assi
gn((function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&&e.computed)throw new
TypeError("Property shorthand of ObjectProperty cannot be true if computed is
true"))},{type:"boolean"}),(function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&&!0,n.default)("I
dentifier",e.key))throw new TypeError("Property shorthand of ObjectProperty cannot be true if key is not an
Identifier"))},default:!1},decorators:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.asser
tNodeType)("Decorator"))),optional:!0},visitor:["key","value","decorators"],aliases:["UserWhitespacable","Propert
y","ObjectMember"],validate:function(){const
e=(0,o.assertNodeType)("Identifier","Pattern"),t=(0,o.assertNodeType)("Expression");return
function(r,i,s){if(!process.env.BABEL_TYPES_8_BREAKING)return;(0,n.default)("ObjectPattern",r)?e:t}(s,"valu
e",s.value)})),(0,o.default)("RestElement",{visitor:["argument","typeAnnotation"],builder:["argument"],aliases:["
LVal","PatternLike"],deprecatedAlias:"RestProperty",fields:Object.assign({,h,{argument:{validate:process.env.BA
BEL_TYPES_8_BREAKING?(0,o.assertNodeType)("Identifier","Pattern","MemberExpression"):(0,o.assertNodeT

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ype("LVal"))}),validate(e,t){if(!process.env.BABEL_TYPES_8_BREAKING)return;const
r=/(\w+)\s*([\d+])\s*/.exec(t);if(!r)throw new Error("Internal Babel error: malformed
key.");const[n,i]=r;if(e[n].length>i+1)throw new TypeError("RestElement must be last element of
"+n)}}),(0,o.default)("ReturnStatement",{visitor:["argument"],aliases:["Statement","Terminatorless","CompletionSt
atement"],fields:{argument:{validate:(0,o.assertNodeType)("Expression"),optional:!0}}),(0,o.default)("SequenceE
xpression",{visitor:["expressions"],fields:{expressions:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.ass
ertEach)((0,o.assertNodeType)("Expression"))}},aliases:["Expression"]}),0,o.default)("ParenthesizedExpression",
{visitor:["expression"],aliases:["Expression","ExpressionWrapper"],fields:{expression:{validate:(0,o.assertNodeTyp
e)("Expression")}}}),0,o.default)("SwitchCase",{visitor:["test","consequent"],fields:{test:{validate:(0,o.assertNode
Type)("Expression"),optional:!0},consequent:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)(
(0,o.assertNodeType)("Statement"))}}}),0,o.default)("SwitchStatement",{visitor:["discriminant","cases"],aliases:[
"Statement","BlockParent","Scopable"],fields:{discriminant:{validate:(0,o.assertNodeType)("Expression")},cases:{
validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("SwitchCase"))}}}),0,o
.default)("ThisExpression",{aliases:["Expression"]}),0,o.default)("ThrowStatement",{visitor:["argument"],aliases:[
"Statement","Terminatorless","CompletionStatement"],fields:{argument:{validate:(0,o.assertNodeType)("Expressio
n")}}}),0,o.default)("TryStatement",{visitor:["block","handler","finalizer"],aliases:["Statement"],fields:{block:{val
idate:(0,o.chain)((0,o.assertNodeType)("BlockStatement"),Object.assign((function(e){if(process.env.BABEL_TYP
ES_8_BREAKING&&!e.handler&&!e.finalizer)throw new TypeError("TryStatement expects either a handler or
finalizer, or
both"))}),{oneOfNodeTypes:["BlockStatement"]}}}),handler:{optional:!0,validate:(0,o.assertNodeType)("CatchClau
se")},finalizer:{optional:!0,validate:(0,o.assertNodeType)("BlockStatement")}}}),0,o.default)("UnaryExpression",{
builder:["operator","argument","prefix"],fields:{prefix:{default:!0},argument:{validate:(0,o.assertNodeType)("Expr
ession")},operator:{validate:(0,o.assertOneOf(...a.UNARY_OPERATORS))},visitor:["argument"],aliases:["Unary
Like","Expression"]}),0,o.default)("UpdateExpression",{builder:["operator","argument","prefix"],fields:{prefix:{d
efault:!1},argument:{validate:process.env.BABEL_TYPES_8_BREAKING?(0,o.assertNodeType)("Identifier","Me
mberExpression):(0,o.assertNodeType)("Expression")},operator:{validate:(0,o.assertOneOf(...a.UPDATE_OPER
ATORS))},visitor:["argument"],aliases:["Expression"]}),0,o.default)("VariableDeclaration",{builder:["kind","decl
arations"],visitor:["declarations"],aliases:["Statement","Declaration"],fields:{declare:{validate:(0,o.assertValueTyp
e)("boolean"),optional:!0},kind:{validate:(0,o.assertOneOf("var","let","const"))},declarations:{validate:(0,o.chain)((
0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("VariableDeclarator"))}},validate(e,t,r){if(pro
cess.env.BABEL_TYPES_8_BREAKING&&(0,n.default)("ForXStatement",e,{left:r})&&!r.declarations.length
)throw new TypeError("Exactly one VariableDeclarator is required in the VariableDeclaration of a
"+e.type)}}),(0,o.default)("VariableDeclarator",{visitor:["id","init"],fields:{id:{validate:function(){if(!process.env.
BABEL_TYPES_8_BREAKING)return(0,o.assertNodeType)("LVal");const
e=(0,o.assertNodeType)("Identifier","ArrayPattern","ObjectPattern"),t=(0,o.assertNodeType)("Identifier");return
function(r,n,i){(r.init?e:t)(r,n,i)}(),definite:{optional:!0,validate:(0,o.assertValueType)("boolean")},init:{optional:
!0,validate:(0,o.assertNodeType)("Expression")}}}),0,o.default)("WhileStatement",{visitor:["test","body"],aliases:[
"Statement","BlockParent","Loop","While","Scopable"],fields:{test:{validate:(0,o.assertNodeType)("Expression")},
body:{validate:(0,o.assertNodeType)("Statement")}}}),0,o.default)("WithStatement",{visitor:["object","body"],alia
ses:["Statement"],fields:{object:{validate:(0,o.assertNodeType)("Expression")},body:{validate:(0,o.assertNodeType
)("Statement")}}}),0,o.default)("AssignmentPattern",{visitor:["left","right","decorators"],builder:["left","right"],ali
ases:["Pattern","PatternLike","LVal"],fields:Object.assign({,h,{left:{validate:(0,o.assertNodeType)("Identifier","O
bjectPattern","ArrayPattern","MemberExpression")},right:{validate:(0,o.assertNodeType)("Expression")},decorator
s:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Decorator"))},optiona
l:!0}}}),0,o.default)("ArrayPattern",{visitor:["elements","typeAnnotation"],builder:["elements"],aliases:["Pattern",
"PatternLike","LVal"],fields:Object.assign({,h,{elements:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o
.assertEach)((0,o.assertNodeOrValueType)("null","PatternLike"))},decorators:{validate:(0,o.chain)((0,o.assertValu
eType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Decorator"))},optional:!0}}}),0,o.default)("ArrowFunction

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nExpression", {builder: ["params", "body", "async"], visitor: ["params", "body", "returnType", "typeParameters"], aliases: ["Scopable", "Function", "BlockParent", "FunctionParent", "Expression", "Pureish"], fields: Object.assign({}, p, u, {expression: { validate: (0, o.o.assertValueType)("boolean") }, body: { validate: (0, o.o.assertNodeType)("BlockStatement", "Expression") } })), (0, o.o.default)("ClassBody", { visitor: ["body"], fields: { body: { validate: (0, o.o.chain)((0, o.o.assertValueType)("array"), (0, o.o.assertEach)((0, o.o.assertNodeType)("ClassMethod", "ClassPrivateMethod", "ClassProperty", "ClassPrivateProperty", "TSDeclareMethod", "TSIndexSignature"))) } } })), (0, o.o.default)("ClassExpression", { builder: ["id", "superClass", "body", "decorators"], visitor: ["id", "body", "superClass", "mixins", "typeParameters", "superTypeParameters", "implements", "decorators"], aliases: ["Scopable", "Class", "Expression"], fields: { id: { validate: (0, o.o.assertNodeType)("Identifier"), optional: !0 }, typeParameters: { validate: (0, o.o.assertNodeType)("TypeParameterDeclaration", "TSTypeParameterDeclaration", "Noop"), optional: !0 }, body: { validate: (0, o.o.assertNodeType)("ClassBody") }, superClass: { optional: !0, validate: (0, o.o.assertNodeType)("Expression") }, superTypeParameters: { validate: (0, o.o.assertNodeType)("TypeParameterInstantiation", "TSTypeParameterInstantiation"), optional: !0 }, implements: { validate: (0, o.o.chain)((0, o.o.assertValueType)("array"), (0, o.o.assertEach)((0, o.o.assertNodeType)("TSExpressionWithTypeArguments", "ClassImplements"))) }, optional: !0 }, decorators: { validate: (0, o.o.chain)((0, o.o.assertValueType)("array"), (0, o.o.assertEach)((0, o.o.assertNodeType)("Decorator"))) }, optional: !0 }, mixins: { validate: (0, o.o.assertNodeType)("InterfaceExtends"), optional: !0 } } })), (0, o.o.default)("ClassDeclaration", { inherits: "ClassExpression", aliases: ["Scopable", "Class", "Statement", "Declaration"], fields: { id: { validate: (0, o.o.assertNodeType)("Identifier") }, typeParameters: { validate: (0, o.o.assertNodeType)("TypeParameterDeclaration", "TSTypeParameterDeclaration", "Noop"), optional: !0 }, body: { validate: (0, o.o.assertNodeType)("ClassBody") }, superClass: { optional: !0, validate: (0, o.o.assertNodeType)("Expression") }, superTypeParameters: { validate: (0, o.o.assertNodeType)("TypeParameterInstantiation", "TSTypeParameterInstantiation"), optional: !0 }, implements: { validate: (0, o.o.chain)((0, o.o.assertValueType)("array"), (0, o.o.assertEach)((0, o.o.assertNodeType)("TSExpressionWithTypeArguments", "ClassImplements"))) }, optional: !0 }, decorators: { validate: (0, o.o.chain)((0, o.o.assertValueType)("array"), (0, o.o.assertEach)((0, o.o.assertNodeType)("Decorator"))) }, optional: !0 }, mixins: { validate: (0, o.o.assertNodeType)("InterfaceExtends"), optional: !0 }, declare: { validate: (0, o.o.assertValueType)("boolean"), optional: !0 }, abstract: { validate: (0, o.o.assertValueType)("boolean"), optional: !0 } }, validate: function() { const e = (0, o.o.assertNodeType)("Identifier"); return function(t, r, i) { process.env.BABEL_TYPES_8_BREAKING && ((0, n.default)("ExportDefaultDeclaration", t) | e(i, "id", i.id)) } })), (0, o.o.default)("ExportAllDeclaration", { visitor: ["source"], aliases: ["Statement", "Declaration", "ModuleDeclaration", "ExportDeclaration"], fields: { source: { validate: (0, o.o.assertNodeType)("StringLiteral") }, assertions: { optional: !0, validate: (0, o.o.chain)((0, o.o.assertValueType)("array"), (0, o.o.assertNodeType)("ImportAttribute")) } } })), (0, o.o.default)("ExportDefaultDeclaration", { visitor: ["declaration"], aliases: ["Statement", "Declaration", "ModuleDeclaration", "ExportDeclaration"], fields: { declaration: { validate: (0, o.o.assertNodeType)("FunctionDeclaration", "TSDeclareFunction", "ClassDeclaration", "Expression") } } })), (0, o.o.default)("ExportNamedDeclaration", { visitor: ["declaration", "specifiers", "source"], aliases: ["Statement", "Declaration", "ModuleDeclaration", "ExportDeclaration"], fields: { declaration: { optional: !0, validate: (0, o.o.chain)((0, o.o.assertNodeType)("Declaration"), Object.assign((function(e, t, r) { if (process.env.BABEL_TYPES_8_BREAKING && r.specifiers.length) throw new TypeError("Only declaration or specifiers is allowed on ExportNamedDeclaration"); }, { oneOfNodeTypes: ["Declaration"] })), (function(e, t, r) { if (process.env.BABEL_TYPES_8_BREAKING && r.source) throw new TypeError("Cannot export a declaration from a source"); })), assertions: { optional: !0, validate: (0, o.o.chain)((0, o.o.assertValueType)("array"), (0, o.o.assertNodeType)("ImportAttribute")) }, specifiers: { default: [], validate: (0, o.o.chain)((0, o.o.assertValueType)("array"), (0, o.o.assertEach)(function() { const e = (0, o.o.assertNodeType)("ExportSpecifier", "ExportDefaultSpecifier", "ExportNamespaceSpecifier"), t = (0, o.o.assertNodeType)("ExportSpecifier"); return process.env.BABEL_TYPES_8_BREAKING ? function(r, n, i) { (r.source ? e : t)(r, n, i) : e } })), source: { validate: (0, o.o.assertNodeType)("StringLiteral"), optional: !0 }, exportKind: (0, o.o.validateOptional)((0, o.o.assertOneOf)("type", "value")) } } })), (0, o.o.default)("ExportSpecifier", { visitor: ["local", "exported"], aliases: ["ModuleSpecifier"], fields: { local: { validate: (0, o.o.assertNodeType)("Identifier") }, exported: { validate: (0, o.o.assertNodeType)("Identifier", "StringLiteral") } } })), (0, o.o.default)("ForOfStatement", { visitor: ["left", "right", "body"], builder: ["left", "right", "body", "await"], aliases: ["Scopable", "Statement", "For", "BlockParent", "Loop", "ForXStatement"], fields: { left: { validate: function() { if (!process.env.BABEL_TY
```

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PES_8_BREAKING)return(0,o.assertNodeType)("VariableDeclaration","LVal");const
e=(0,o.assertNodeType)("VariableDeclaration"),t=(0,o.assertNodeType)("Identifier","MemberExpression","ArrayPa
ttern","ObjectPattern");return
function(r,i,s){(0,n.default)("VariableDeclaration",s)?e(r,i,s):t(r,i,s)}(0),right:{validate:(0,o.assertNodeType)("Expr
ession")},body:{validate:(0,o.assertNodeType)("Statement")},await:{default:!1}},(0,o.default)("ImportDeclaratio
n",{visitor:["specifiers","source"],aliases:["Statement","Declaration","ModuleDeclaration"],fields:{assertions:{optio
nal:!0,validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertNodeType)("ImportAttribute"))},specifiers:{val
idate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("ImportSpecifier","ImportD
efaultSpecifier","ImportNamespaceSpecifier"))},source:{validate:(0,o.assertNodeType)("StringLiteral")},importKi
nd:{validate:(0,o.assertOneOf)("type","typeof","value"),optional:!0}},(0,o.default)("ImportDefaultSpecifier",{visi
tor:["local"],aliases:["ModuleSpecifier"],fields:{local:{validate:(0,o.assertNodeType)("Identifier")}}}),
(0,o.default)("ImportNamespaceSpecifier",{visitor:["local"],aliases:["ModuleSpecifier"],fields:{local:{validate:(0,o.assertNodeT
ype)("Identifier")}}}),
(0,o.default)("ImportSpecifier",{visitor:["local","imported"],aliases:["ModuleSpecifier"],field
s:{local:{validate:(0,o.assertNodeType)("Identifier")},imported:{validate:(0,o.assertNodeType)("Identifier","String
Literal")},importKind:{validate:(0,o.assertOneOf)("type","typeof"),optional:!0}},(0,o.default)("MetaProperty",{vi
sitor:["meta","property"],aliases:["Expression"],fields:{meta:{validate:(0,o.chain)((0,o.assertNodeType)("Identifier"
)),Object.assign((function(e,t,r){if(!process.env.BABEL_TYPES_8_BREAKING)return;let
i;switch(r.name){case"function":i="sent";break;case"new":i="target";break;case"import":i="meta"}if(!(0,n.default)(
"Identifier",e.property,{name:i}))throw new TypeError("Unrecognised
MetaProperty"))},{oneOfNodeTypes:["Identifier"]}})),property:{validate:(0,o.assertNodeType)("Identifier")}}));co
nst
f={abstract:{validate:(0,o.assertValueType)("boolean"),optional:!0},accessibility:{validate:(0,o.assertOneOf)("publi
c","private","protected"),optional:!0},static:{default:!1},computed:{default:!1},optional:{validate:(0,o.assertValueT
ype)("boolean"),optional:!0},key:{validate:(0,o.chain)(function(){const
e=(0,o.assertNodeType)("Identifier","StringLiteral","NumericLiteral"),t=(0,o.assertNodeType)("Expression");return
function(r,n,i){(r.computed?t:e)(r,n,i)}(0),(0,o.assertNodeType)("Identifier","StringLiteral","NumericLiteral","Expr
ession"))};t.classMethodOrPropertyCommon=f;const
m=Object.assign({},p,f,{kind:{validate:(0,o.assertOneOf)("get","set","method","constructor"),default:"method"},ac
cess:{validate:(0,o.chain)((0,o.assertValueType)("string"),(0,o.assertOneOf)("public","private","protected")),optiona
l:!0},decorators:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Decor
ator"))},optional:!0});t.classMethodOrDeclareMethodCommon=m,(0,o.default)("ClassMethod",{aliases:["Function
","Scopable","BlockParent","FunctionParent","Method"],builder:["kind","key","params","body","computed","static
","generator","async"],visitor:["key","params","body","decorators","returnType","typeParameters"],fields:Object.as
sign({},m,u,{body:{validate:(0,o.assertNodeType)("BlockStatement")}})),(0,o.default)("ObjectPattern",{visitor:["
properties","typeAnnotation","decorators"],builder:["properties"],aliases:["Pattern","PatternLike","LVal"],fields:Obj
ect.assign({},h,{properties:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeTy
pe)("RestElement","ObjectProperty"))}})),(0,o.default)("SpreadElement",{visitor:["argument"],aliases:["UnaryLi
ke"],deprecatedAlias:"SpreadProperty",fields:{argument:{validate:(0,o.assertNodeType)("Expression")}}}),
(0,o.default)("Super",{aliases:["Expression"]}),
(0,o.default)("TaggedTemplateExpression",{visitor:["tag","quasi"],aliases:["
Expression"],fields:{tag:{validate:(0,o.assertNodeType)("Expression")},quasi:{validate:(0,o.assertNodeType)("Tem
plateLiteral")},typeParameters:{validate:(0,o.assertNodeType)("TypeParameterInstantiation","TSTypeParameterIns
tantiation"),optional:!0}},(0,o.default)("TemplateElement",{builder:["value","tail"],fields:{value:{validate:(0,o.as
sertShape)({raw:{validate:(0,o.assertValueType)("string")},cooked:{validate:(0,o.assertValueType)("string"),option
al:!0}})},tail:{default:!1}}}),
(0,o.default)("TemplateLiteral",{visitor:["quasis","expressions"],aliases:["Expression",
"Literal"],fields:{quasis:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeTy
pe)("TemplateElement"))},expressions:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.asse
rtNodeType)("Expression","TSType")),function(e,t,r){if(e.quasis.length!==r.length+1)throw new
TypeError("Number of ${e.type} quasis should be exactly one more than the number of expressions.\\nExpected

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    ${r.length+1} quasirs but got
    ${e.quasirs.length}`)))))},(0,o.default)("YieldExpression",{builder:["argument","delegate"],visitor:["argument"],aliases:["Expression","Terminatorless"],fields:{delegate:{validate:(0,o.chain)((0,o.assertValueType)("boolean"),Object.assign((function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&&!e.argument)throw new TypeError("Property delegate of YieldExpression cannot be true if there is no argument"))},{type:"boolean"})),default:!1},argument:{optional:!0,validate:(0,o.assertNodeType)("Expression")}}}),
(0,o.default)("AwaitExpression",{builder:["argument"],visitor:["argument"],aliases:["Expression","Terminatorless"],fields:{argument:{validate:(0,o.assertNodeType)("Expression")}}}),
(0,o.default)("Import",{aliases:["Expression"]}),
(0,o.default)("BigIntLiteral",{builder:["value"],fields:{value:{validate:(0,o.assertValueType)("string")}},aliases:["Expression","Pureish","Literal","Immutable"]}),
(0,o.default)("ExportNamespaceSpecifier",{visitor:["exported"],aliases:["ModuleSpecifier"],fields:{exported:{validate:(0,o.assertNodeType)("Identifier")}}}),
(0,o.default)("OptionalMemberExpression",{builder:["object","property","computed","optional"],visitor:["object","property"],aliases:["Expression"],fields:{object:{validate:(0,o.assertNodeType)("Expression")},property:{validate:function(){const e=(0,o.assertNodeType)("Identifier"),t=(0,o.assertNodeType)("Expression"),r=function(r,n,i){r.computed?t:e}(r,n,i)};return r.oneOfNodeTypes=["Expression","Identifier",r]}},computed:{default:!1},optional:{validate:process.env.BABEL_TYPES_8_BREAKING?(0,o.chain)((0,o.assertValueType)("boolean"),(0,o.assertOptionalChainStart())):(0,o.assertValueType)("boolean")}}}),
(0,o.default)("OptionalCallExpression",{visitor:["callee","arguments","typeParameters","typeArguments"],builder:["callee","arguments","optional"],aliases:["Expression"],fields:{callee:{validate:(0,o.assertNodeType)("Expression")},arguments:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Expression","SpreadElement","JSXNamespacedName"))},optional:{validate:process.env.BABEL_TYPES_8_BREAKING?(0,o.chain)((0,o.assertValueType)("boolean"),(0,o.assertOptionalChainStart())):(0,o.assertValueType)("boolean")},typeArguments:{validate:(0,o.assertNodeType)("TypeParameterInstantiation"),optional:!0},typeParameters:{validate:(0,o.assertNodeType)("TSTypeParameterInstantiation"),optional:!0}}}),function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){if(e===t)return!0;if(n.ALIAS_KEYS[t])return!1;const r=n.FLIPPED_ALIAS_KEYS[t];if(r){if(r[0]===e)return!0;for(const t of r)if(e===t)return!0}return!1};var n=r(5)},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){if(!e)return;const a=n.NODE_FIELDS[e.type];if(!a)return;const o=a[t];i(e,t,r,o),s(e,t,r),t.validateField=i,t.validateChild=s;var n=r(5);function i(e,t,r,n){(null===n?void 0:n.validate)&&(n.optional&&null===r||n.validate(e,t,r))}function s(e,t,r){if(null===r)return;const i=n.NODE_PARENT_VALIDATIONS[r.type];i&&i(e,t,r)},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){t&&&(t[e]=Array.from(new Set([].concat(t[e],r[e])).filter(Boolean))))},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){const r=Object.keys(t);for(const n of r)if(e[n]!==t[n])return!1;return!0},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.classMethodOrDeclareMethodCommon=t.classMethodOrPropertyCommon=t.patternLikeCommon=t.functionDeclarationCommon=t.functionTypeAnnotationCommon=t.functionCommon=void 0;var n=r(36),i=r(24),s=r(19),a=r(15),o=r(10);(0,o.default)("ArrayExpression",{fields:{elements:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeOrValueType)("null","Expression","SpreadElement"))},default:process.env.BABEL_TYPES_8_BREAKING?void 0:[]}},visitor:["elements"],aliases:["Expression"]}),
(0,o.default)("AssignmentExpression",{fields:{operator:{validate:function(){if(!process.env.BABEL_TYPES_8_BREAKING)return(0,o.assertValueType)("string");const e=(0,o.assertOneOf)(...a.ASSIGNMENT_OPERATORS),t=(0,o.assertOneOf)("=");return function(r,i,s){((0,n.default)("Pattern",r.left)?e)(r,i,s)}},left:{validate:process.env.BABEL_TYPES_8_BREAKING?(0,o.assertNodeType)("Identifier","MemberExpression","ArrayPattern","ObjectPattern"):(0,o.assertNodeType)("LVal")},right:{validate:(0,o.assertNodeType)("Expression")}},builder:["operator","left","right"],visitor:["left","right"]

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ht"],aliases:["Expression"])),(0,o.default)("BinaryExpression",{builder:["operator","left","right"],fields:{operator:{validate:(0,o.assertOneOf)(...a.BINARY_OPERATORS)},left:{validate:function(){const e=(0,o.assertNodeType)("Expression"),t=(0,o.assertNodeType)("Expression","PrivateName"),r=function(r,n,i){("in"===r.operator?t:e)(r,n,i)};return r.oneOfNodeTypes=["Expression","PrivateName"],r()}},right:{validate:(0,o.assertNodeType)("Expression")}},visitor:["left","right"],aliases:["Binary","Expression"])),(0,o.default)("InterpreterDirective",{builder:["value"],fields:{value:{validate:(0,o.assertValueType)("string")}}}),((0,o.default)("Directive",{visitor:["value"],fields:{value:{validate:(0,o.assertNodeType)("DirectiveLiteral")}}}),((0,o.default)("DirectiveLiteral",{builder:["value"],fields:{value:{validate:(0,o.assertValueType)("string")}}}),((0,o.default)("BlockStatement",{builder:["body","directives"],visitor:["directives","body"],fields:{directives:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Directive"))},default:[]},body:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Statement"))}},aliases:["Scopable","BlockParent","Block","Statement"])),(0,o.default)("BreakStatement",{visitor:["label"],fields:{label:{validate:(0,o.assertNodeType)("Identifier"),optional:!0}},aliases:["Statement","Terminatorless","CompletionStatement"])),(0,o.default)("CallExpression",{visitor:["callee","arguments","typeParameters","typeArguments"],builder:["callee","arguments"],aliases:["Expression"],fields:Object.assign({callee:{validate:(0,o.assertNodeType)("Expression","V8IntrinsicIdentifier")},arguments:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Expression","SpreadElement","JSXNamespacedName","ArgumentPlaceholder"))}},process.env.BABEL_TYPES_8_BREAKING?{optional:{validate:(0,o.assertOneOf)(!0,!1),optional:!0}},{typeArguments:{validate:(0,o.assertNodeType)("TypeParameterInstantiation"),optional:!0},typeParameters:{validate:(0,o.assertNodeType)("TSTypeParameterInstantiation"),optional:!0}}}),((0,o.default)("CatchClause",{visitor:["param","body"],fields:{param:{validate:(0,o.assertNodeType)("Identifier","ArrayPattern","ObjectPattern"),optional:!0},body:{validate:(0,o.assertNodeType)("BlockStatement")}},aliases:["Scopable","BlockParent"])),(0,o.default)("ConditionalExpression",{visitor:["test","consequent","alternate"],fields:{test:{validate:(0,o.assertNodeType)("Expression")},consequent:{validate:(0,o.assertNodeType)("Expression")},alternate:{validate:(0,o.assertNodeType)("Expression")}},aliases:["Expression","Conditional"])),(0,o.default)("ContinueStatement",{visitor:["label"],fields:{label:{validate:(0,o.assertNodeType)("Identifier"),optional:!0}},aliases:["Statement","Terminatorless","CompletionStatement"])),(0,o.default)("DebuggerStatement",{aliases:["Statement"]}),((0,o.default)("DoWhileStatement",{visitor:["test","body"],fields:{test:{validate:(0,o.assertNodeType)("Expression")},body:{validate:(0,o.assertNodeType)("Statement")}},aliases:["Statement","BlockParent","Loop","While","Scopable"])),(0,o.default)("EmptyStatement",{aliases:["Statement"]}),((0,o.default)("ExpressionStatement",{visitor:["expression"],fields:{expression:{validate:(0,o.assertNodeType)("Expression")}},aliases:["Statement","ExpressionWrapper"]}),((0,o.default)("File",{builder:["program","comments","tokens"],visitor:["program"],fields:{program:{validate:(0,o.assertNodeType)("Program")},comments:{validate:process.env.BABEL_TYPES_8_BREAKING?(0,o.assertEach)((0,o.assertNodeType)("CommentBlock","CommentLine")):Object.assign((),=>{},{each:{oneOfNodeTypes:["CommentBlock","CommentLine"]}},optional:!0},tokens:{validate:(0,o.assertEach)(Object.assign((),=>{},{type:"any"})),optional:!0}}}),((0,o.default)("ForInStatement",{visitor:["left","right","body"],aliases:["Scopable","Statement","For","BlockParent","Loop","ForXStatement"],fields:{left:{validate:process.env.BABEL_TYPES_8_BREAKING?(0,o.assertNodeType)("VariableDeclaration","Identifier","MemberExpression","ArrayPattern","ObjectPattern):(0,o.assertNodeType)("VariableDeclaration","LVal")},right:{validate:(0,o.assertNodeType)("Expression")},body:{validate:(0,o.assertNodeType)("Statement")}}}),((0,o.default)("ForStatement",{visitor:["init","test","update","body"],aliases:["Scopable","Statement","For","BlockParent","Loop"],fields:{init:{validate:(0,o.assertNodeType)("VariableDeclaration","Expression"),optional:!0},test:{validate:(0,o.assertNodeType)("Expression"),optional:!0},update:{validate:(0,o.assertNodeType)("Expression"),optional:!0},body:{validate:(0,o.assertNodeType)("Statement")}}});const l={params:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Identifier","Pattern","RestElement","TSPARAMETER_PROPERTY"))},generator:{default:!1},async:{default:!1}};t.functionCommon=l;const c={returnType:{validate:(0,o.assertNodeType)("TypeAnnotation","TSTypeAnnotation","Noop"),optional:!0},typeParameters:{validate:(0,o.assertNodeType)("TypeParameterDeclaration","TSTypeParameterDeclaration","Noop"),op

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tional;!0}};t.functionTypeAnnotationCommon=c;const
p=Object.assign({,l,{declare:{validate:(0,o.assertValueType)("boolean"),optional:!0},id:{validate:(0,o.assertNode
Type)("Identifier"),optional:!0}});t.functionDeclarationCommon=p,(0,o.default)("FunctionDeclaration",{builder:["i
d","params","body","generator","async"],visitor:["id","params","body","returnType","typeParameters"],fields:Objec
t.assign({,p,c,{body:{validate:(0,o.assertNodeType)("BlockStatement")}}),aliases:["Scopable","Function","BlockP
arent","FunctionParent","Statement","Pureish","Declaration"],validate:function(){if(!process.env.BABEL_TYPES_
8_BREAKING)return()=>{};const e=(0,o.assertNodeType)("Identifier");return
function(t,r,i){(0,n.default)("ExportDefaultDeclaration",t)||e(i,"id",i.id)}(0)},(0,o.default)("FunctionExpression",{in
herits:"FunctionDeclaration",aliases:["Scopable","Function","BlockParent","FunctionParent","Expression","Pureish
"],fields:Object.assign({,l,c,{id:{validate:(0,o.assertNodeType)("Identifier"),optional:!0},body:{validate:(0,o.assert
NodeType)("BlockStatement")}}));const
u={typeAnnotation:{validate:(0,o.assertNodeType)("TypeAnnotation","TSTypeAnnotation","Noop"),optional:!0},d
ecorators:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Decorator"))
}};t.patternLikeCommon=u,(0,o.default)("Identifier",{builder:["name"],visitor:["typeAnnotation","decorators"],alia
ses:["Expression","PatternLike","LVal","TSEntityName"],fields:Object.assign({,u,{name:{validate:(0,o.chain)((0,
o.assertValueType)("string"),Object.assign((function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&!(!0,i
.default)(r,!1))throw new TypeError(`"${r}" is not a valid identifier
name`)}),{type:"string"}))),optional:{validate:(0,o.assertValueType)("boolean"),optional:!0}},validate(e,t,r){if(!pr
ocess.env.BABEL_TYPES_8_BREAKING)return;const
i=/^\.(\\w+)\$/ .exec(t);if(!i)return;const[,a]=i,o={computed:!1};if("property"===a){if((0,n.default)("MemberExpressi
on",e,o))return;if((0,n.default)("OptionalMemberExpression",e,o))return}else
if("key"===a){if((0,n.default)("Property",e,o))return;if((0,n.default)("Method",e,o))return}else
if("exported"===a){if((0,n.default)("ExportSpecifier",e))return}else
if("imported"===a){if((0,n.default)("ImportSpecifier",e,{imported:r}))return}else
if("meta"===a&&(0,n.default)("MetaProperty",e,{meta:r}))return;if(((0,s.isKeyword)(r.name)||((0,s.isReservedWord
)(r.name,!1))&&"this"!==r.name)throw new TypeError(`"${r.name}" is not a valid
identifier`)}),{type:"string"})),(0,o.default)("IfStatement",{visitor:["test","consequent","alternate"],aliases:["Statement","Conditiona
l"],fields:{test:{validate:(0,o.assertNodeType)("Expression")},consequent:{validate:(0,o.assertNodeType)("Stateme
nt")},alternate:{optional:!0,validate:(0,o.assertNodeType)("Statement")}}}),{builder:["label","body"],aliases:["Statement"],fields:{label:{validate:(0,o.assertNodeType)("Identifier")},body:{validate:(
0,o.assertNodeType)("Statement")}}}),{builder:["value"],fields:{value:{validate:(0,o.as
sertValueType)("string")}},aliases:["Expression","Pureish","Literal","Immutable"]}),{builder:["value"],depreca
tedAlias:"NumberLiteral",fields:{value:{validate:(0,o.assertValueType)("number")}},ali
ases:["Expression","Pureish","Literal","Immutable"]}),{builder:["value"],fields:{value:{validate:(0,o.assertValueTy
pe)("boolean")}},aliases:["Expression","Pureish","Literal","Immutable"]}),{builder:[
"pattern","flags"],depreca
tedAlias:"RegExpLiteral",aliases:["Expression","Pureish","Literal"],fields:{pattern:{validate
:(0,o.assertValueType)("string")},flags:{validate:(0,o.chain)((0,o.assertValueType)("string"),Object.assign((function
(e,t,r){if(!process.env.BABEL_TYPES_8_BREAKING)return;const n=/^[^gimsuy]/.exec(r);if(n)throw new
TypeError(`"${n[0]}" is not a valid RegExp
flag`)}),{type:"string"})),default:""})),(0,o.default)("LogicalExpression",{builder:["operator","left","right"],visitor
:["left","right"],aliases:["Binary","Expression"],fields:{operator:{validate:(0,o.assertOneOf)(...a.LOGICAL_OPER
ATORS)},left:{validate:(0,o.assertNodeType)("Expression")},right:{validate:(0,o.assertNodeType)("Expression")
}}}),{builder:["object","property","computed","optional"],visitor:["object","prope
rty"],aliases:["Expression","LVal"],fields:Object.assign({object:{validate:(0,o.assertNodeType)("Expression")},pro
perty:{validate:function(){const
e=(0,o.assertNodeType)("Identifier","PrivateName"),t=(0,o.assertNodeType)("Expression"),r=function(r,n,i){(r.com
puted?t:e)(r,n,i)};return

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r.oneOfNodeTypes=["Expression","Identifier","PrivateName"],r()),computed:{default:!1}},process.env.BABEL_
TYPES_8_BREAKING?{}:{optional:{validate:(0,o.assertOneOf)(!0,!1),optional:!0}}}),((0,o.default)("NewExpres
sion",{inherits:"CallExpression"}),(0,o.default)("Program",{visitor:["directives","body"],builder:["body","directives
","sourceType","interpreter"],fields:{sourceFile:{validate:(0,o.assertValueType)("string")},sourceType:{validate:(0,
o.assertOneOf)("script","module"),default:"script"},interpreter:{validate:(0,o.assertNodeType)("InterpreterDirective
"),default:null,optional:!0},directives:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.asse
rtNodeType)("Directive"))},default:[],body:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((
0,o.assertNodeType)("Statement"))}},aliases:["Scopable","BlockParent","Block"]}),((0,o.default)("ObjectExpressio
n",{visitor:["properties"],aliases:["Expression"],fields:{properties:{validate:(0,o.chain)((0,o.assertValueType)("arra
y"),(0,o.assertEach)((0,o.assertNodeType)("ObjectMethod","ObjectProperty","SpreadElement"))}}}),((0,o.default)(
"ObjectMethod",{builder:["kind","key","params","body","computed","generator","async"],fields:Object.assign({,l,
c,{kind:Object.assign({validate:(0,o.assertOneOf)("method","get","set"}),process.env.BABEL_TYPES_8_BREAKI
NG?{}:{default:"method"}),computed:{default:!1},key:{validate:function(){const
e=(0,o.assertNodeType)("Identifier","StringLiteral","NumericLiteral"),t=(0,o.assertNodeType)("Expression"),r=fun
ction(r,n,i){(r.computed?t:e)(r,n,i)};return
r.oneOfNodeTypes=["Expression","Identifier","StringLiteral","NumericLiteral"],r()}),decorators:{validate:(0,o.chai
n)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.assertNodeType)("Decorator"))},optional:!0},body:{validate
:(0,o.assertNodeType)("BlockStatement")}},visitor:["key","params","body","decorators","returnType","typeParam
eters"],aliases:["UserWhitespacable","Function","Scopable","BlockParent","FunctionParent","Method","ObjectMe
mber"]}),((0,o.default)("ObjectProperty",{builder:["key","value","computed","shorthand",...process.env.BABEL_T
YPES_8_BREAKING?[]:["decorators"]],fields:{computed:{default:!1},key:{validate:function(){const
e=(0,o.assertNodeType)("Identifier","StringLiteral","NumericLiteral"),t=(0,o.assertNodeType)("Expression"),r=fun
ction(r,n,i){(r.computed?t:e)(r,n,i)};return
r.oneOfNodeTypes=["Expression","Identifier","StringLiteral","NumericLiteral"],r()}),value:{validate:(0,o.assertNo
deType)("Expression","PatternLike")},shorthand:{validate:(0,o.chain)((0,o.assertValueType)("boolean"),Object.assi
gn((function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&r&&e.computed)throw new
TypeError("Property shorthand of ObjectProperty cannot be true if computed is
true"))},{type:"boolean"}),(function(e,t,r){if(process.env.BABEL_TYPES_8_BREAKING&&r&&!0,n.default)("I
dentifier",e.key))throw new TypeError("Property shorthand of ObjectProperty cannot be true if key is not an
Identifier"))},default:!1},decorators:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.asse
rtNodeType)("Decorator"))},optional:!0},visitor:["key","value","decorators"],aliases:["UserWhitespacable","Propert
y","ObjectMember"],validate:function(){const
e=(0,o.assertNodeType)("Identifier","Pattern"),t=(0,o.assertNodeType)("Expression");return
function(r,i,s){if(!process.env.BABEL_TYPES_8_BREAKING)return;((0,n.default)("ObjectPattern",r)?e:t)(s,"valu
e",s.value)}(0)),(0,o.default)("RestElement",{visitor:["argument","typeAnnotation"],builder:["argument"],aliases:["
LVal","PatternLike"],deprecatedAlias:"RestProperty",fields:Object.assign({,u,{argument:{validate:process.env.BA
BEL_TYPES_8_BREAKING?(0,o.assertNodeType)("Identifier","Pattern","MemberExpression"):(0,o.assertNodeT
ype)("LVal")}},validate(e,t){if(!process.env.BABEL_TYPES_8_BREAKING)return;const
r=/(\w+)\[(\d+)\]/.exec(t);if(!r)throw new Error("Internal Babel error: malformed
key.");const[,n,i]=r;if(e[n].length>i+1)throw new TypeError("RestElement must be last element of
"+n)}),((0,o.default)("ReturnStatement",{visitor:["argument"],aliases:["Statement","Terminatorless","CompletionSt
atement"],fields:{argument:{validate:(0,o.assertNodeType)("Expression"),optional:!0}}}),((0,o.default)("SequenceE
xpression",{visitor:["expressions"],fields:{expressions:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.asse
rtEach)((0,o.assertNodeType)("Expression"))}},aliases:["Expression"]}),((0,o.default)("ParenthesizedExpression",
{visitor:["expression"],aliases:["Expression","ExpressionWrapper"],fields:{expression:{validate:(0,o.assertNodeTyp
e)("Expression")}}}),((0,o.default)("SwitchCase",{visitor:["test","consequent"],fields:{test:{validate:(0,o.assertNode
Type)("Expression"),optional:!0},consequent:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)(
(0,o.assertNodeType)("Statement"))}}}),((0,o.default)("SwitchStatement",{visitor:["discriminant","cases"],aliases:[

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"Statement", "BlockParent", "Scopable"], fields: { discriminant: { validate: (0, o.assertNodeType)("Expression") }, cases: {
  validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)((0, o.assertNodeType)("SwitchCase")))), (0, o
.default)("ThisExpression", { aliases: ["Expression"] }), (0, o.default)("ThrowStatement", { visitor: ["argument"], aliases: [
"Statement", "Terminatorless", "CompletionStatement"], fields: { argument: { validate: (0, o.assertNodeType)("Expressio
n") } })), (0, o.default)("TryStatement", { visitor: ["block", "handler", "finalizer"], aliases: ["Statement"], fields: { block: { val
idate: (0, o.chain)((0, o.assertNodeType)("BlockStatement"), Object.assign((function(e) { if (process.env.BABEL_TYP
ES_8_BREAKING && !e.handler && !e.finalizer) throw new TypeError("TryStatement expects either a handler or
finalizer, or
both")) }, { oneOfNodeTypes: ["BlockStatement"] })), handler: { optional: !0, validate: (0, o.assertNodeType)("CatchClau
se") }, finalizer: { optional: !0, validate: (0, o.assertNodeType)("BlockStatement") } })), (0, o.default)("UnaryExpression", {
builder: ["operator", "argument", "prefix"], fields: { prefix: { default: !0 }, argument: { validate: (0, o.assertNodeType)("Expr
ession") }, operator: { validate: (0, o.assertOneOf)(...a.UNARY_OPERATORS) }, visitor: ["argument"], aliases: ["Unary
Like", "Expression"] }), (0, o.default)("UpdateExpression", { builder: ["operator", "argument", "prefix"], fields: { prefix: { d
efault: !1 }, argument: { validate: process.env.BABEL_TYPES_8_BREAKING ? (0, o.assertNodeType)("Identifier", "Me
mberExpression"): (0, o.assertNodeType)("Expression") }, operator: { validate: (0, o.assertOneOf)(...a.UPDATE_OPER
ATORS) }, visitor: ["argument"], aliases: ["Expression"] }), (0, o.default)("VariableDeclaration", { builder: ["kind", "decl
arations"], visitor: ["declarations"], aliases: ["Statement", "Declaration"], fields: { declare: { validate: (0, o.assertValueType
)("boolean"), optional: !0 }, kind: { validate: (0, o.assertOneOf)("var", "let", "const") }, declarations: { validate: (0, o.chain)((0
, o.assertValueType)("array"), (0, o.assertEach)((0, o.assertNodeType)("VariableDeclarator")))), validate(e, t, r) { if (pro
cess.env.BABEL_TYPES_8_BREAKING && (0, n.default)("ForXStatement", e, { left: r }) && !1 !== r.declarations.length
) throw new TypeError("Exactly one VariableDeclarator is required in the VariableDeclaration of a
"+e.type) } })), (0, o.default)("VariableDeclarator", { visitor: ["id", "init"], fields: { id: { validate: function() { if (!process.env.
BABEL_TYPES_8_BREAKING) return (0, o.assertNodeType)("LVal"); } }, const
e = (0, o.assertNodeType)("Identifier", "ArrayPattern", "ObjectPattern"), t = (0, o.assertNodeType)("Identifier"); return
function(r, n, i) { (r.init ? e: t)(r, n, i) } }(), definite: { optional: !0, validate: (0, o.assertValueType)("boolean") }, init: { optional:
!0, validate: (0, o.assertNodeType)("Expression") } })), (0, o.default)("WhileStatement", { visitor: ["test", "body"], aliases: [
"Statement", "BlockParent", "Loop", "While", "Scopable"], fields: { test: { validate: (0, o.assertNodeType)("Expression") },
body: { validate: (0, o.assertNodeType)("Statement") } })), (0, o.default)("WithStatement", { visitor: ["object", "body"], alia
ses: ["Statement"], fields: { object: { validate: (0, o.assertNodeType)("Expression") }, body: { validate: (0, o.assertNodeType
)("Statement") } })), (0, o.default)("AssignmentPattern", { visitor: ["left", "right", "decorators"], builder: ["left", "right"], ali
ases: ["Pattern", "PatternLike", "LVal"], fields: Object.assign({ }, u, { left: { validate: (0, o.assertNodeType)("Identifier", "O
bjectPattern", "ArrayPattern", "MemberExpression") }, right: { validate: (0, o.assertNodeType)("Expression") }, decorator
s: { validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)((0, o.assertNodeType)("Decorator"))), optiona
l: !0 } })), (0, o.default)("ArrayPattern", { visitor: ["elements", "typeAnnotation"], builder: ["elements"], aliases: ["Pattern",
"PatternLike", "LVal"], fields: Object.assign({ }, u, { elements: { validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o
.assertEach)((0, o.assertNodeOrValueType)("null", "PatternLike")) }, decorators: { validate: (0, o.chain)((0, o.assertValu
eType)("array"), (0, o.assertEach)((0, o.assertNodeType)("Decorator"))), optional: !0 } })), (0, o.default)("ArrowFunction
Expression", { builder: ["params", "body", "async"], visitor: ["params", "body", "returnType", "typeParameters"], aliases: [
"Scopable", "Function", "BlockParent", "FunctionParent", "Expression", "Pureish"], fields: Object.assign({ }, l, c, { express
ion: { validate: (0, o.assertValueType)("boolean") }, body: { validate: (0, o.assertNodeType)("BlockStatement", "Expressio
n") } })), (0, o.default)("ClassBody", { visitor: ["body"], fields: { body: { validate: (0, o.chain)((0, o.assertValueType)("arra
y"), (0, o.assertEach)((0, o.assertNodeType)("ClassMethod", "ClassPrivateMethod", "ClassProperty", "ClassPrivateProp
erty", "TSDeclareMethod", "TSIndexSignature")) } })), (0, o.default)("ClassExpression", { builder: ["id", "superClass", "
body", "decorators"], visitor: ["id", "body", "superClass", "mixins", "typeParameters", "superTypeParameters", "impleme
nts", "decorators"], aliases: ["Scopable", "Class", "Expression"], fields: { id: { validate: (0, o.assertNodeType)("Identifier"),
optional: !0 }, typeParameters: { validate: (0, o.assertNodeType)("TypeParameterDeclaration", "TSTypeParameterDeclar
ation", "Noop"), optional: !0 }, body: { validate: (0, o.assertNodeType)("ClassBody") }, superClass: { optional: !0, validate: (
0, o.assertNodeType)("Expression") }, superTypeParameters: { validate: (0, o.assertNodeType)("TypeParameterInstanti

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ation", "TSTypeParameterInstantiation"), optional: !0}, implements: { validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)((0, o.assertNodeType)("TSExpressionWithTypeArguments", "ClassImplements"))), optional: !0}, decorators: { validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)((0, o.assertNodeType)("Decorator"))), optional: !0}, mixins: { validate: (0, o.assertNodeType)("InterfaceExtends"), optional: !0}}, (0, o.default)("ClassDeclaration", { inherits: "ClassExpression", aliases: ["Scopable", "Class", "Statement", "Declaration"], fields: { id: { validate: (0, o.assertNodeType)("Identifier")}, typeParameters: { validate: (0, o.assertNodeType)("TypeParameterDeclaration", "TSTypeParameterDeclaration", "Noop"), optional: !0}, body: { validate: (0, o.assertNodeType)("ClassBody")}, superClass: { optional: !0, validate: (0, o.assertNodeType)("Expression")}, superTypeParameters: { validate: (0, o.assertNodeType)("TypeParameterInstantiation", "TSTypeParameterInstantiation"), optional: !0}, implements: { validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)((0, o.assertNodeType)("TSExpressionWithTypeArguments", "ClassImplements"))), optional: !0}, decorators: { validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)((0, o.assertNodeType)("Decorator"))), optional: !0}, mixins: { validate: (0, o.assertNodeType)("InterfaceExtends"), optional: !0}, declare: { validate: (0, o.assertValueType)("boolean"), optional: !0}, abstract: { validate: (0, o.assertValueType)("boolean"), optional: !0}, validate: function() { const e = (0, o.assertNodeType)("Identifier"); return function(t, r, i) { process.env.BABEL_TYPES_8_BREAKING && ((0, n.default)("ExportDefaultDeclaration", t) | e(i, "id", i.id)) } } }, (0, o.default)("ExportAllDeclaration", { visitor: ["source"], aliases: ["Statement", "Declaration", "ModuleDeclaration", "ExportDeclaration"], fields: { source: { validate: (0, o.assertNodeType)("StringLiteral")}, exportKind: (0, o.validateOptional)((0, o.assertOneOf)("type", "value")), assertions: { optional: !0, validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)((0, o.assertNodeType)("ImportAttribute"))} } } }, (0, o.default)("ExportDefaultDeclaration", { visitor: ["declaration"], aliases: ["Statement", "Declaration", "ModuleDeclaration", "ExportDeclaration"], fields: { declaration: { validate: (0, o.assertNodeType)("FunctionDeclaration", "TSDeclareFunction", "ClassDeclaration", "Expression") } } } }, (0, o.default)("ExportNamedDeclaration", { visitor: ["declaration", "specifiers", "source"], aliases: ["Statement", "Declaration", "ModuleDeclaration", "ExportDeclaration"], fields: { declaration: { optional: !0, validate: (0, o.chain)((0, o.assertNodeType)("Declaration"), Object.assign((function(e, t, r) { if (process.env.BABEL_TYPES_8_BREAKING && r && e.specifiers.length) throw new TypeError("Only declaration or specifiers is allowed on ExportNamedDeclaration")) }, { oneOfNodeTypes: ["Declaration"] } } }, (function(e, t, r) { if (process.env.BABEL_TYPES_8_BREAKING && r && e.source) throw new TypeError("Cannot export a declaration from a source")) } } }, assertions: { optional: !0, validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)((0, o.assertNodeType)("ImportAttribute"))}, specifiers: { default: [], validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)(function() { const e = (0, o.assertNodeType)("ExportSpecifier", "ExportDefaultSpecifier", "ExportNamespaceSpecifier"), t = (0, o.assertNodeType)("ExportSpecifier"); return process.env.BABEL_TYPES_8_BREAKING ? function(r, n, i) { (r.source ? e: t)(r, n, i): e } } } }, source: { validate: (0, o.assertNodeType)("StringLiteral"), optional: !0}, exportKind: (0, o.validateOptional)((0, o.assertOneOf)("type", "value")) } } }, (0, o.default)("ExportSpecifier", { visitor: ["local", "exported"], aliases: ["ModuleSpecifier"], fields: { local: { validate: (0, o.assertNodeType)("Identifier")}, exported: { validate: (0, o.assertNodeType)("Identifier", "StringLiteral") } } } }, (0, o.default)("ForOfStatement", { visitor: ["left", "right", "body"], builder: ["left", "right", "body", "await"], aliases: ["Scopable", "Statement", "For", "BlockParent", "Loop", "ForXStatement"], fields: { left: { validate: function() { if (!process.env.BABEL_TYPES_8_BREAKING) return (0, o.assertNodeType)("VariableDeclaration", "LVal"); const e = (0, o.assertNodeType)("VariableDeclaration"), t = (0, o.assertNodeType)("Identifier", "MemberExpression", "ArrayPattern", "ObjectPattern"); return function(r, i, s) { (0, n.default)("VariableDeclaration", s) ? e(r, i, s): t(r, i, s) } } } }, right: { validate: (0, o.assertNodeType)("Expression")}, body: { validate: (0, o.assertNodeType)("Statement")}, await: { default: !1 } } } }, (0, o.default)("ImportDeclaration", { visitor: ["specifiers", "source"], aliases: ["Statement", "Declaration", "ModuleDeclaration"], fields: { assertions: { optional: !0, validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)((0, o.assertNodeType)("ImportAttribute"))}, specifiers: { validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)((0, o.assertNodeType)("ImportSpecifier", "ImportDefaultSpecifier", "ImportNamespaceSpecifier"))}, source: { validate: (0, o.assertNodeType)("StringLiteral")}, importKind: { validate: (0, o.assertOneOf)("type", "typeof", "value"), optional: !0 } } } }, (0, o.default)("ImportDefa

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ultSpecifier", { visitor: ["local"], aliases: ["ModuleSpecifier"], fields: { local: { validate: (0, o.assertNodeType)("Identifier")
}}}),(0, o.default)("ImportNamespaceSpecifier", { visitor: ["local"], aliases: ["ModuleSpecifier"], fields: { local: { validate
:(0, o.assertNodeType)("Identifier") }}}),(0, o.default)("ImportSpecifier", { visitor: ["local", "imported"], aliases: ["Modu
leSpecifier"], fields: { local: { validate: (0, o.assertNodeType)("Identifier") }, imported: { validate: (0, o.assertNodeType)("I
dentifier", "StringLiteral") }, importKind: { validate: (0, o.assertOneOf)("type", "typeof"), optional: !0 } }),(0, o.default)("
MetaProperty", { visitor: ["meta", "property"], aliases: ["Expression"], fields: { meta: { validate: (0, o.chain)((0, o.assertNode
Type)("Identifier"), Object.assign((function(e, t, r) { if (!process.env.BABEL_TYPES_8_BREAKING) return; let
i; switch (r.name) { case "function": i = "sent"; break; case "new": i = "target"; break; case "import": i = "meta" } if (!(0, n.default)(
"Identifier", e.property, { name: i })) throw new TypeError("Unrecognised
MetaProperty") }}, { oneOfNodeTypes: ["Identifier"] })), property: { validate: (0, o.assertNodeType)("Identifier") } })); co
nst
d= { abstract: { validate: (0, o.assertValueType)("boolean"), optional: !0 }, accessibility: { validate: (0, o.assertOneOf)("publ
ic", "private", "protected"), optional: !0 }, static: { default: !1 }, override: { default: !1 }, computed: { default: !1 }, optional: { vali
date: (0, o.assertValueType)("boolean"), optional: !0 }, key: { validate: (0, o.chain)(function() { const
e=(0, o.assertNodeType)("Identifier", "StringLiteral", "NumericLiteral"), t=(0, o.assertNodeType)("Expression"); return
function(r, n, i) { (r.computed?t:e)(r, n, i) } }, (0, o.assertNodeType)("Identifier", "StringLiteral", "NumericLiteral", "Expr
ession")) } }; t.classMethodOrPropertyCommon=d; const
h=Object.assign({}, l, d, { kind: { validate: (0, o.assertOneOf)("get", "set", "method", "constructor"), default: "method" }, acc
ess: { validate: (0, o.chain)((0, o.assertValueType)("string"), (0, o.assertOneOf)("public", "private", "protected")), optional
:!0 }, decorators: { validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)((0, o.assertNodeType)("Decora
tor"))), optional: !0 } }; t.classMethodOrDeclareMethodCommon=h, (0, o.default)("ClassMethod", { aliases: ["Function",
"Scopable", "BlockParent", "FunctionParent", "Method"], builder: ["kind", "key", "params", "body", "computed", "static",
"generator", "async"], visitor: ["key", "params", "body", "decorators", "returnType", "typeParameters"], fields: Object.assi
gn({}, h, c, { body: { validate: (0, o.assertNodeType)("BlockStatement") } })), (0, o.default)("ObjectPattern", { visitor: ["pro
perties", "typeAnnotation", "decorators"], builder: ["properties"], aliases: ["Pattern", "PatternLike", "LVal"], fields: Object.
assign({}, u, { properties: { validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)((0, o.assertNodeType)(
"RestElement", "ObjectProperty")) } })), (0, o.default)("SpreadElement", { visitor: ["argument"], aliases: ["UnaryLike"],
deprecatedAlias: "SpreadProperty", fields: { argument: { validate: (0, o.assertNodeType)("Expression") } }),(0, o.default)
("Super", { aliases: ["Expression"] }),(0, o.default)("TaggedTemplateExpression", { visitor: ["tag", "quasi"], aliases: ["Expr
ession"], fields: { tag: { validate: (0, o.assertNodeType)("Expression") }, quasi: { validate: (0, o.assertNodeType)("Templ
ateLiteral") }, typeParameters: { validate: (0, o.assertNodeType)("TypeParameterInstantiation", "TSTypeParameterInstanti
ation"), optional: !0 } }),(0, o.default)("TemplateElement", { builder: ["value", "tail"], fields: { value: { validate: (0, o.assertS
hape)({ raw: { validate: (0, o.assertValueType)("string") }, cooked: { validate: (0, o.assertValueType)("string"), optional: !0
} })), tail: { default: !1 } })), (0, o.default)("TemplateLiteral", { visitor: ["quasis", "expressions"], aliases: ["Expression", "Lit
eral"], fields: { quasis: { validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)((0, o.assertNodeType)("Te
mplateElement")) }, expressions: { validate: (0, o.chain)((0, o.assertValueType)("array"), (0, o.assertEach)((0, o.assertNo
deType)("Expression", "TSType")), (function(e, t, r) { if (e.quasis.length !== r.length+1) throw new TypeError(`Number
of ${e.type} quasis should be exactly one more than the number of expressions.\\nExpected ${r.length+1} quasis
but got
${e.quasis.length} `) } })), (0, o.default)("YieldExpression", { builder: ["argument", "delegate"], visitor: ["argument"], a
liases: ["Expression", "Terminatorless"], fields: { delegate: { validate: (0, o.chain)((0, o.assertValueType)("boolean"), Obj
ect.assign((function(e, t, r) { if (process.env.BABEL_TYPES_8_BREAKING && !e.argument) throw new
TypeError("Property delegate of YieldExpression cannot be true if there is no
argument") }}, { type: "boolean" })), default: !1 }, argument: { optional: !0, validate: (0, o.assertNodeType)("Expression") } }
),(0, o.default)("AwaitExpression", { builder: ["argument"], visitor: ["argument"], aliases: ["Expression", "Terminatorless
"], fields: { argument: { validate: (0, o.assertNodeType)("Expression") } }),(0, o.default)("Import", { aliases: ["Expression
"] }),(0, o.default)("BigIntLiteral", { builder: ["value"], fields: { value: { validate: (0, o.assertValueType)("string") } }, aliases:
["Expression", "Pureish", "Literal", "Immutable"] }),(0, o.default)("ExportNamespaceSpecifier", { visitor: ["exported"], al

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aliases:["ModuleSpecifier"],fields:{exported:{validate:(0,o.assertNodeType)("Identifier")}}},(0,o.default)("Optional
MemberExpression",{builder:["object","property","computed","optional"],visitor:["object","property"],aliases:["Ex
pression"],fields:{object:{validate:(0,o.assertNodeType)("Expression")},property:{validate:function(){const
e=(0,o.assertNodeType)("Identifier"),t=(0,o.assertNodeType)("Expression"),r=function(r,n,i){(r.computed?t:e)(r,n,i)
};return
r.oneOfNodeTypes=["Expression","Identifier",r]}},computed:{default:!1},optional:{validate:process.env.BABEL
_TYPES_8_BREAKING?(0,o.chain)((0,o.assertValueType)("boolean"),(0,o.assertOptionalChainStart)):0,o.assert
ValueType)("boolean")}}},(0,o.default)("OptionalCallExpression",{visitor:["callee","arguments","typeParameters"
,"typeArguments"],builder:["callee","arguments","optional"],aliases:["Expression"],fields:{callee:{validate:(0,asse
rtNodeType)("Expression")},arguments:{validate:(0,o.chain)((0,o.assertValueType)("array"),(0,o.assertEach)((0,o.a
ssertNodeType)("Expression","SpreadElement","JSXNamespacedName","ArgumentPlaceholder"))},optional:{vali
date:process.env.BABEL_TYPES_8_BREAKING?(0,o.chain)((0,o.assertValueType)("boolean"),(0,o.assertOptiona
lChainStart)):0,o.assertValueType)("boolean"),typeArguments:{validate:(0,o.assertNodeType)("TypeParameterI
nstantiation"),optional:!0},typeParameters:{validate:(0,o.assertNodeType)("TSTypeParameterInstantiation"),option
al:!0}}}),function(e,t,r){
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){if(e===t)return!0;if(n.ALIAS_KE
YS[t])return!1;const r=n.FLIPPED_ALIAS_KEYS[t];if(r){if(r[0]===e)return!0;for(const t of
r)if(e===t)return!0}return!1};var n=r(6),function(e,t,r){
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){if(!e)return;const
a=n.NODE_FIELDS[e.type];if(!a)return;const o=a[t];i(e,t,r,o),s(e,t,r),t.validateField=i,t.validateChild=s;var
n=r(6);function i(e,t,r,n){null!=n&&n.validate&&(n.optional&&null===r||n.validate(e,t,r))}function
s(e,t,r){if(null===r)return;const i=n.NODE_PARENT_VALIDATIONS[r.type];i&&i(e,t,r)},function(e,t,r){
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){t&&r&&(t[e]=Array.from(new
Set([],concat(t[e],r[e])).filter(Boolean))}),function(e,t,r){
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.merge=function(e,t){const{placeholderWhitelist:r=e.plac
eholderWhitelist,placeholderPattern:n=e.placeholderPattern,preserveComments:i=e.preserveComments,syntacticPlac
eholders:s=e.syntacticPlaceholders}=t;return{parser:Object.assign({},e.parser,t.parser),placeholderWhitelist:r,plac
eholderPattern:n,preserveComments:i,syntacticPlaceholders:s},t.validate=function(e){if(null!=e&&"object"!==type
of e)throw new Error("Unknown template options.");const
t=e||{},{placeholderWhitelist:r,placeholderPattern:n,preserveComments:i,syntacticPlaceholders:s}=t,a=function(e,t)
{if(null===e)return{};var r,n,i={},s=Object.keys(e);for(n=0;n<s.length;n++)r=s[n],t.indexOf(r)>=0||(i[r]=e[r]);return
i}(t,["placeholderWhitelist","placeholderPattern","preserveComments","syntacticPlaceholders"]);if(null!=r&&(r
instanceof Set))throw new Error("\.placeholderWhitelist\ must be a Set, null, or undefined");if(null!=n&&(n
instanceof RegExp)&&!n)throw new Error("\.placeholderPattern\ must be a RegExp, false, null, or
undefined");if(null!=i&&"boolean"!==typeof i)throw new Error("\.preserveComments\ must be a boolean, null, or
undefined");if(null!=s&&"boolean"!==typeof s)throw new Error("\.syntacticPlaceholders\ must be a boolean, null,
or undefined");if(!0===s&&(null!=r||null!=n))throw new Error("\.placeholderWhitelist\ and \.placeholderPattern\
aren\ compatible with \.syntacticPlaceholders: true\");return{parser:a,placeholderWhitelist:r|void
0,placeholderPattern:null===n?void 0:n,preserveComments:null===i?void 0:i,syntacticPlaceholders:null===s?void
0:s},t.normalizeReplacements=function(e){if(Array.isArray(e))return
e.reduce((e,t,r)=>(e["$"+r]=t,e),{});if("object"===typeof e|null===e)return e|void 0;throw new Error("Template
replacements must be an array, object, null, or undefined")},function(e,t,r){
strict";Object.defineProperty(t,"__esModule",{value:!0});class n{constructor(e,t={}){this.label=void
0,this.keyword=void 0,this.beforeExpr=void 0,this.startsExpr=void 0,this.rightAssociative=void 0,this.isLoop=void
0,this.isAssign=void 0,this.prefix=void 0,this.postfix=void 0,this.binop=void 0,this.updateContext=void
0,this.label=e,this.keyword=t.keyword,this.beforeExpr=!t.beforeExpr,this.startsExpr=!t.startsExpr,this.rightAssoci
ative=!t.rightAssociative,this.isLoop=!t.isLoop,this.isAssign=!t.isAssign,this.prefix=!t.prefix,this.postfix=!t.post
fix,this.binop=null!=t.binop?t.binop:null,this.updateContext=null}}const i=new Map;function

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s(e,t={}){t.keyword=e;const r=new n(e,t);return i.set(e,r),r}function a(e,t){return new
n(e,{beforeExpr:!0,binop:t})}const o={num:new n("num",{startsExpr:!0}),bigint:new
n("bigint",{startsExpr:!0}),decimal:new n("decimal",{startsExpr:!0}),regexp:new
n("regexp",{startsExpr:!0}),string:new n("string",{startsExpr:!0}),name:new n("name",{startsExpr:!0}),eof:new
n("eof"),bracketL:new n("[",{beforeExpr:!0,startsExpr:!0}),bracketHashL:new
n("#[",{beforeExpr:!0,startsExpr:!0}),bracketBarL:new n("[|",{beforeExpr:!0,startsExpr:!0}),bracketR:new
n("]"),bracketBarR:new n("]|"),braceL:new n("{",{beforeExpr:!0,startsExpr:!0}),braceBarL:new
n("{|",{beforeExpr:!0,startsExpr:!0}),braceHashL:new n("#",{beforeExpr:!0,startsExpr:!0}),braceR:new
n("}"),braceBarR:new n("}|"),parenL:new n("(",{beforeExpr:!0,startsExpr:!0}),parenR:new n(")"),comma:new
n(",",{beforeExpr:!0}),semi:new n(";",{beforeExpr:!0}),colon:new n(":",{beforeExpr:!0}),doubleColon:new
n("::",{beforeExpr:!0}),dot:new n(".",{beforeExpr:!0}),question:new n("?",{beforeExpr:!0}),questionDot:new n("?."),arrow:new
n("=>",{beforeExpr:!0}),template:new n("template"),ellipsis:new n("...",{beforeExpr:!0}),backQuote:new
n("`",{startsExpr:!0}),dollarBraceL:new n("${",{beforeExpr:!0,startsExpr:!0}),at:new n("@"),hash:new
n("#",{startsExpr:!0}),interpreterDirective:new n("#!...",{beforeExpr:!0,binop:1}),eq:new n("=",{beforeExpr:!0,binop:1}),assign:new
n("_=",{beforeExpr:!0,binop:1}),incDec:new n("++/--",{prefix:!0,postfix:!0,startsExpr:!0}),bang:new
n("!",{beforeExpr:!0,binop:1}),tilde:new
n("~",{beforeExpr:!0,binop:1}),pipeline:a(">",0),nullishCoalescing:a("??",1),logicalOR:a("||",1),logi
calAND:a("&&",2),bitwiseOR:a("|",3),bitwiseXOR:a("^",4),bitwiseAND:a("&",5),equality:a("==/!/=/===/!==",6),re
lational:a("</<=>=",7),bitShift:a("<</>>",8),plusMin:new n("+/-
",{beforeExpr:!0,binop:9,postfix:!0,startsExpr:!0}),modulo:new
n("%",{beforeExpr:!0,binop:10,startsExpr:!0}),star:new n("*",{binop:10}),slash:a("/",10),exponent:new
n("**",{beforeExpr:!0,binop:11,postfix:!0}),_break:s("break"),_case:s("case",{beforeExpr:!0}),_catch:s("c
atch"),_continue:s("continue"),_debugger:s("debugger"),_default:s("default",{beforeExpr:!0}),_do:s("do",{isLoop:!
0,beforeExpr:!0}),_else:s("else",{beforeExpr:!0}),_finally:s("finally"),_for:s("for",{isLoop:!0}),_function:s("functio
n",{startsExpr:!0}),_if:s("if"),_return:s("return",{beforeExpr:!0}),_switch:s("switch"),_throw:s("throw",{beforeExp
r:!0,prefix:!0,startsExpr:!0}),_try:s("try"),_var:s("var"),_const:s("const"),_while:s("while",{isLoop:!0}),_with:s("wit
h"),_new:s("new",{beforeExpr:!0,startsExpr:!0}),_this:s("this",{startsExpr:!0}),_super:s("super",{startsExpr:!0}),_c
lass:s("class",{startsExpr:!0}),_extends:s("extends",{beforeExpr:!0}),_export:s("export"),_import:s("import",{starts
Expr:!0}),_null:s("null",{startsExpr:!0}),_true:s("true",{startsExpr:!0}),_false:s("false",{startsExpr:!0}),_in:s("in",{
beforeExpr:!0,binop:7}),_instanceof:s("instanceof",{beforeExpr:!0,binop:7}),_typeof:s("typeof",{beforeExpr:!0,prefi
x:!0,startsExpr:!0}),_void:s("void",{beforeExpr:!0,prefix:!0,startsExpr:!0}),_delete:s("delete",{beforeExpr:!0,prefi
x:!0,startsExpr:!0}),l=\\r\\n|[\\n\\u2028\\u2029]/,c=new RegExp(l.source,"g");function p(e){switch(e){case
10:case 13:case 8232:case 8233:return!0;default:return!1}}const u=/(?:\\s|\\V.*\\V|\\[[^\\]*\\])/g;function
d(e){switch(e){case 9:case 11:case 12:case 32:case 160:case 5760:case 8192:case 8193:case 8194:case 8195:case
8196:case 8197:case 8198:case 8199:case 8200:case 8201:case 8202:case 8239:case 8287:case 12288:case
65279:return!0;default:return!1}}class h{constructor(e,t){this.line=void 0,this.column=void
0,this.line=e,this.column=t}}class f{constructor(e,t){this.start=void 0,this.end=void 0,this.filename=void
0,this.identifierName=void 0,this.start=e,this.end=t}}function m(e){return e[e.length-1]}const
y=Object.freeze({AccessorIsGenerator:"A %Oter cannot be a generator",ArgumentsInClass:"`arguments` is only
allowed in functions and class methods",AsyncFunctionInSingleStatementContext:"Async functions can only be
declared at the top level or inside a block",AwaitBindingIdentifier:"Can not use `await` as identifier inside an async
function",AwaitExpressionFormalParameter:"await is not allowed in async function
parameters",AwaitNotInAsyncContext:"`await` is only allowed within async functions and at the top levels of
modules",AwaitNotInAsyncFunction:"`await` is only allowed within async functions",BadGetterArity:"getter must
not have any formal parameters",BadSetterArity:"setter must have exactly one formal
parameter",BadSetterRestParameter:"setter function argument must not be a rest
parameter",ConstructorClassField:"Classes may not have a field named
`constructor`",ConstructorClassPrivateField:"Classes may not have a private field named

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\#constructor\',"ConstructorIsAccessor:"Class constructor may not be an accessor",ConstructorIsAsync:"Constructor can't be an async function",ConstructorIsGenerator:"Constructor can't be a generator",DeclarationMissingInitializer:"%0 require an initialization value",DecoratorBeforeExport:"Decorators must be placed *before* the \export\ keyword. You can set the \decoratorsBeforeExport\ option to false to use the \export @decorator class {}\' syntax",DecoratorConstructor:"Decorators can't be used with a constructor. Did you mean \@dec class { ... }\'?",DecoratorExportClass:"Using the export keyword between a decorator and a class is not allowed. Please use `export @dec class` instead.",DecoratorSemicolon:"Decorators must not be followed by a semicolon",DecoratorStaticBlock:"Decorators can't be used with a static block",DeletePrivateField:"Deleting a private field is not allowed",DestructureNamedImport:"ES2015 named imports do not destructure. Use another statement for destructuring after the import.",DuplicateConstructor:"Duplicate constructor in the same class",DuplicateDefaultExport:"Only one default export allowed per module.",DuplicateExport:"`%0` has already been exported. Exported identifiers must be unique.",DuplicateProto:"Redefinition of __proto__ property",DuplicateRegExpFlags:"Duplicate regular expression flag",DuplicateStaticBlock:"Duplicate static block in the same class",ElementAfterRest:"Rest element must be last element",EscapedCharNotAnIdentifier:"Invalid Unicode escape",ExportBindingIsString:"A string literal cannot be used as an exported binding without `from`.\\n- Did you mean `export { %0 as %1 } from 'some-module'`?",ExportDefaultFromAsIdentifier:"`from` is not allowed as an identifier after `export default`",ForInOfLoopInitializer:"%0 loop variable declaration may not have an initializer",GeneratorInSingleStatementContext:"Generators can only be declared at the top level or inside a block",IllegalBreakContinue:"Unsyntactic %0",IllegalLanguageModeDirective:"Illegal `use strict` directive in function with non-simple parameter list",IllegalReturn:"`return` outside of function",ImportBindingIsString:"A string literal cannot be used as an imported binding.\\n- Did you mean `import { %0` as foo }`?",ImportCallArgumentTrailingComma:"Trailing comma is disallowed inside import(...) arguments",ImportCallAriety:"import() requires exactly %0",ImportCallNotNewExpression:"Cannot use new with import(...)",ImportCallSpreadArgument:"... is not allowed in import()",ImportMetaOutsideModule:"import.meta may appear only with `sourceType: 'module'`",ImportOutsideModule:"`import` and `export` may appear only with `sourceType: 'module'`",InvalidBigIntLiteral:"Invalid BigIntLiteral",InvalidCodePoint:"Code point out of bounds",InvalidDecimal:"Invalid decimal",InvalidDigit:"Expected number in radix %0",InvalidEscapeSequence:"Bad character escape sequence",InvalidEscapeSequenceTemplate:"Invalid escape sequence in template",InvalidEscapedReservedWord:"Escape sequence in keyword %0",InvalidIdentifier:"Invalid identifier %0",InvalidLhs:"Invalid left-hand side in %0",InvalidLhsBinding:"Binding invalid left-hand side in %0",InvalidNumber:"Invalid number",InvalidOrMissingExponent:"Floating-point numbers require a valid exponent after the `e`",InvalidOrUnexpectedToken:"Unexpected character `%0`",InvalidParenthesizedAssignment:"Invalid parenthesized assignment pattern",InvalidPrivateFieldResolution:"Private name #%0 is not defined",InvalidPropertyBindingPattern:"Binding member expression",InvalidRecordProperty:"Only properties and spread elements are allowed in record definitions",InvalidRestAssignmentPattern:"Invalid rest operator's argument",LabelRedeclaration:"Label `%0` is already declared",LetInLexicalBinding:"`let` is not allowed to be used as a name in `let` or `const` declarations.",LineTerminatorBeforeArrow:"No line break is allowed before `=>`",MalformedRegExpFlags:"Invalid regular expression flag",MissingClassName:"A class name is required",MissingEqInAssignment:"Only `=` operator can be used for specifying default value.",MissingUnicodeEscape:"Expecting Unicode escape sequence \\uXXXX",MixingCoalesceWithLogical:"Nullish coalescing operator(??) requires parens when mixing with logical operators",ModuleAttributeDifferentFromType:"The only accepted module attribute is `type`",ModuleAttributeInvalidValue:"Only string literals are allowed as module attribute values",ModuleAttributesWithDuplicateKeys:"Duplicate key \"%0\" is not allowed in module attributes",ModuleExportNameHasLoneSurrogate:"An export name cannot include a lone surrogate, found `\\u%0`",ModuleExportUndefined:"Export `%0` is not defined",MultipleDefaultsInSwitch:"Multiple default clauses",NewlineAfterThrow:"Illegal newline after throw",NoCatchOrFinally:"Missing catch or finally

clause",NumberIdentifier:"Identifier directly after number",NumericSeparatorInEscapeSequence:"Numeric separators are not allowed inside unicode escape sequences or hex escape sequences",ObsoleteAwaitStar:"await* has been removed from the async functions proposal. Use Promise.all() instead.",OptionalChainingNoNew:"constructors in/after an Optional Chain are not allowed",OptionalChainingNoTemplate:"Tagged Template Literals are not allowed in optionalChain",ParamDupe:"Argument name clash",PatternHasAccessor:"Object pattern can't contain getter or setter",PatternHasMethod:"Object pattern can't contain methods",PipelineBodyNoArrow:"Unexpected arrow '=>' after pipeline body; arrow function in pipeline body must be parenthesized",PipelineBodySequenceExpression:"Pipeline body may not be a comma-separated sequence expression",PipelineHeadSequenceExpression:"Pipeline head should not be a comma-separated sequence expression",PipelineTopicUnused:"Pipeline is in topic style but does not use topic reference",PrimaryTopicNotAllowed:"Topic reference was used in a lexical context without topic binding",PrimaryTopicRequiresSmartPipeline:"Primary Topic Reference found but pipelineOperator not passed \smart' for \proposal' option.",PrivateInExpectedIn:"Private names are only allowed in property accesses (obj.##0) or in `in` expressions (##0 in obj)",PrivateNameRedeclaration:"Duplicate private name ##0",RecordExpressionBarIncorrectEndSyntaxType:"Record expressions ending with `|` are only allowed when the \syntaxType' option of the \recordAndTuple' plugin is set to \bar'",RecordExpressionBarIncorrectStartSyntaxType:"Record expressions starting with `{|` are only allowed when the \syntaxType' option of the \recordAndTuple' plugin is set to \bar'",RecordExpressionHashIncorrectStartSyntaxType:"Record expressions starting with `#{|` are only allowed when the \syntaxType' option of the \recordAndTuple' plugin is set to \hash'",RecordNoProto:"__proto__' is not allowed in Record expressions",RestTrailingComma:"Unexpected trailing comma after rest element",SloppyFunction:"In non-strict mode code, functions can only be declared at top level, inside a block, or as the body of an if statement",StaticPrototype:"Classes may not have static property named prototype",StrictDelete:"Deleting local variable in strict mode",StrictEvalArguments:"Assigning to '%0' in strict mode",StrictEvalArgumentsBinding:"Binding '%0' in strict mode",StrictFunction:"In strict mode code, functions can only be declared at top level or inside a block",StrictNumericEscape:"The only valid numeric escape in strict mode is \\\\0'",StrictOctalLiteral:"Legacy octal literals are not allowed in strict mode",StrictWith:"\with' in strict mode",SuperNotAllowed:"super() is only valid inside a class constructor of a subclass. Maybe a typo in the method name (\constructor') or not extending another class?",SuperPrivateField:"Private fields can't be accessed on super",TrailingDecorator:"Decorators must be attached to a class element",TupleExpressionBarIncorrectEndSyntaxType:"Tuple expressions ending with `|` are only allowed when the \syntaxType' option of the \recordAndTuple' plugin is set to \bar'",TupleExpressionBarIncorrectStartSyntaxType:"Tuple expressions starting with `[|` are only allowed when the \syntaxType' option of the \recordAndTuple' plugin is set to \bar'",TupleExpressionHashIncorrectStartSyntaxType:"Tuple expressions starting with `#[|` are only allowed when the \syntaxType' option of the \recordAndTuple' plugin is set to \hash'",UnexpectedArgumentPlaceholder:"Unexpected argument placeholder",UnexpectedAwaitAfterPipelineBody:"Unexpected 'await' after pipeline body; await must have parentheses in minimal proposal",UnexpectedDigitAfterHash:"Unexpected digit after hash token",UnexpectedImportExport:"\import' and \export' may only appear at the top level",UnexpectedKeyword:"Unexpected keyword '%0'",UnexpectedLeadingDecorator:"Leading decorators must be attached to a class declaration",UnexpectedLexicalDeclaration:"Lexical declaration cannot appear in a single-statement context",UnexpectedNewTarget:"new.target can only be used in functions",UnexpectedNumericSeparator:"A numeric separator is only allowed between two digits",UnexpectedPrivateField:"Private names can only be used as the name of a class element (i.e. class C { #p = 42; #m() {} })\n or a property of member expression (i.e. this.#p).",UnexpectedReservedWord:"Unexpected reserved word '%0'",UnexpectedSuper:"super is only allowed in object methods and

classes",UnexpectedToken:"Unexpected token \"%0\"",UnexpectedTokenUnaryExponentiation:"Illegal expression. Wrap left hand side or entire exponentiation in parentheses.",UnsupportedBind:"Binding should be performed on object property.",UnsupportedDecoratorExport:"A decorated export must export a class declaration",UnsupportedDefaultExport:"Only expressions, functions or classes are allowed as the `default` export.",UnsupportedImport:"import can only be used in import() or import.meta",UnsupportedMetaProperty:"The only valid meta property for %0 is %0.%1",UnsupportedParameterDecorator:"Decorators cannot be used to decorate parameters",UnsupportedPropertyDecorator:"Decorators cannot be used to decorate object literal properties",UnsupportedSuper:"super can only be used with function calls (i.e. super()) or in property accesses (i.e. super.prop or super[prop])",UnterminatedComment:"Unterminated comment",UnterminatedRegExp:"Unterminated regular expression",UnterminatedString:"Unterminated string constant",UnterminatedTemplate:"Unterminated template",VarRedeclaration:"Identifier \"%0\" has already been declared",YieldBindingIdentifier:"Can not use `yield` as identifier inside a generator",YieldInParameter:"Yield expression is not allowed in formal parameters",ZeroDigitNumericSeparator:"Numeric separator can not be used after leading 0");function T(e){return null!=e&&"Property"===e.type&&"init"===e.kind&&!1===e.method}class b{constructor(e,t,r,n){this.token=void 0,this.isExpr=void 0,this.preserveSpace=void 0,this.override=void 0,this.token=e,this.isExpr=!t,this.preserveSpace=!r,this.override=n}const g={braceStatement:new b("{",!1),braceExpression:new b("{",!0),recordExpression:new b("#",!0),templateQuasi:new b("\${",!1),parenStatement:new b("(",!1),parenExpression:new b("(",!0),template:new b("`",!0,!0,e=>e.readTmpToken()),functionExpression:new b("function",!0),functionStatement:new b("function",!1)};o.parenR.updateContext=o.braceR.updateContext=function(){if(1===this.state.context.length)return void(this.state.exprAllowed=!0);let e=this.state.context.pop();e===g.braceStatement&&"function"===this.curContext().token&&(e=this.state.context.pop()),this.state.exprAllowed=!e.isExpr},o.name.updateContext=function(e){let t=!1;e!==o.dot&&("of"!==this.state.value||this.state.exprAllowed||e===o._function||e===o._class||(t=!0)),this.state.exprAllowed=t,this.state.isIterator&&(this.state.isIterator=!1)},o.braceL.updateContext=function(e){this.state.context.push(this.braceIsBlock(e)?g.braceStatement:g.braceExpression),this.state.exprAllowed=!0},o.dollarBraceL.updateContext=function(){this.state.context.push(g.templateQuasi),this.state.exprAllowed=!0},o.parenL.updateContext=function(e){const t=e===o._if||e===o._for||e===o._with||e===o._while;this.state.context.push(t?g.parenStatement:g.parenExpression),this.state.exprAllowed=!0},o.incDec.updateContext=function(){},o._function.updateContext=o._class.updateContext=function(e){!e.beforeExpr||e===o.semi||e===o._else||e===o._return&&this.hasPrecedingLineBreak()|(e===o.colon||e===o.braceL)&&this.curContext()===g.b_stat?this.state.context.push(g.functionStatement):this.state.context.push(g.functionExpression),this.state.exprAllowed=!1},o.backQuote.updateContext=function(){this.curContext()===g.template?this.state.context.pop():this.state.context.push(g.template),this.state.exprAllowed=!1},o.braceHashL.updateContext=function(){this.state.context.push(g.recordExpression),this.state.exprAllowed=!0};let S="µ°À-ÖØ-öø-~-----",x="-----";const E=new RegExp("[+S+]"),P=new RegExp("[+S+x+]");S=x=null;const v=[0,11,2,25,2,18,2,1,2,14,3,13,35,122,70,52,268,28,4,48,48,31,14,29,6,37,11,29,3,35,5,7,2,4,43,157,19,35,5,35,5,3,9,9,51,157,310,10,21,11,7,153,5,3,0,2,43,2,1,4,0,3,22,11,22,10,30,66,18,2,1,11,21,11,25,71,55,7,1,65,0,16,3,2,2,2,2,8,43,28,4,28,36,7,2,27,28,53,11,21,11,18,14,17,111,72,56,50,14,50,14,35,349,41,7,1,79,28,11,0,9,21,107,20,28,22,1,3,52,76,44,33,24,27,35,30,0,3,0,9,34,4,0,13,47,15,3,22,0,2,0,36,17,2,24,85,6,2,0,2,3,2,14,2,9,8,46,39,7,3,1,3,21,2,6,2,1,2,4,4,0,19,0,13,4,159,52,19,3,21,2,31,47,21,1,2,0,185,46,42,3,37,47,21,0,60,42,14,0,72,26,230,43,117,63,32,7,3,0,3,7,2,1,2,23,16,0,2,0,95,7,3,38,17,0,2,0,29,0,11,39,8,0,22,0,12,45,20,0,35,56,264,8,2,36,18,0,50,29,113,6,2,1,2,37,22,0,26,5,2,1,2,31,15,0,328,18,190,0,80,921,103,110,18,195,2749,1070,4050,582,8634,568,8,30,114,29,19,47,17,3,32,20,6,18,689,63,129,74,6,0,67,12,65,1,2,0,29,6135,9,1237,43,8,8952,286,50,2,18,3,9,395,2309,106,6,12,4,8,8,9,5,991,84,2,70,2,1,3,0,3,1,3,3,2,11,2,0,2,6,2,64,2,3,3,7,2,6,2,27,2,3,2,4,2,0,4,6,2,339,3,24,2,24,2,30,2,24,2,30,2,24,2,30

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,2,24,2,30,2,24,2,7,2357,44,11,6,17,0,370,43,1301,196,60,67,8,0,1205,3,2,26,2,1,2,0,3,0,2,9,2,3,2,0,2,0,7,0,5,0,2,0,2
,0,2,2,2,1,2,0,3,0,2,0,2,0,2,0,2,1,2,0,3,3,2,6,2,3,2,3,2,0,2,9,2,16,6,2,2,4,2,16,4421,42717,35,4148,12,221,3,5761,
15,7472,3104,541,1507,4938],A=[509,0,227,0,150,4,294,9,1368,2,2,1,6,3,41,2,5,0,166,1,574,3,9,9,370,1,154,10,17
6,2,54,14,32,9,16,3,46,10,54,9,7,2,37,13,2,9,6,1,45,0,13,2,49,13,9,3,2,11,83,11,7,0,161,11,6,9,7,3,56,1,2,6,3,1,3,2,1
0,0,11,1,3,6,4,4,193,17,10,9,5,0,82,19,13,9,214,6,3,8,28,1,83,16,16,9,82,12,9,9,84,14,5,9,243,14,166,9,71,5,2,1,3,3,
2,0,2,1,13,9,120,6,3,6,4,0,29,9,41,6,2,3,9,0,10,10,47,15,406,7,2,7,17,9,57,21,2,13,123,5,4,0,2,1,2,6,2,0,9,9,49,4,2,1,
2,4,9,9,330,3,19306,9,135,4,60,6,26,9,1014,0,2,54,8,3,82,0,12,1,19628,1,5319,4,4,5,9,7,3,6,31,3,149,2,1418,49,513,
54,5,49,9,0,15,0,23,4,2,14,1361,6,2,16,3,6,2,1,2,4,262,6,10,9,419,13,1495,6,110,6,6,9,4759,9,787719,239];function
w(e,t){let r=65536;for(let
n=0,i=t.length;n<i;n+=2){if(r+=t[n],r>e)return!1;if(r+=t[n+1],r>=e)return!0}return!1}function O(e){return
e<65?36===e:e<=90||(e<97?95===e:e<=122||(e<=65535?e>=170&&E.test(String.fromCharCode(e)):w(e,v)))}funct
ion I(e){return
e<48?36===e:e<58!|(e<65)&&(e<=90||(e<97?95===e:e<=122||(e<=65535?e>=170&&P.test(String.fromCharCode
(e)):w(e,v)||w(e,A)))))}const
C=["implements","interface","let","package","private","protected","public","static","yield"],N=["eval","arguments"]
,k=new
Set(["break","case","catch","continue","debugger","default","do","else","finally","for","function","if","return","swit
ch","throw","try","var","const","while","with","new","this","super","class","extends","export","import","null","true"
,"false","in","instanceof","typeof","void","delete"]),D=new Set(C),_=new Set(N);function L(e,t){return
t&&"await"===e||"enum"===e}function M(e,t){return L(e,t)||D.has(e)}function j(e){return _.has(e)}function
F(e,t){return M(e,t)||j(e)}function R(e){return k.has(e)}const B=/^in(stanceof)?$/;const U=new
Set(["_","any","bool","boolean","empty","extends","false","interface","mixed","null","number","static","string","tru
e","typeof","void"]),V=Object.freeze({AmbiguousConditionalArrow:"Ambiguous expression: wrap the arrow
functions in parentheses to disambiguate.",AmbiguousDeclareModuleKind:"Found both `declare module.exports`
and `declare export` in the same module. Modules can only have 1 since they are either an ES module or they are a
CommonJS module",AssignReservedType:"Cannot overwrite reserved type %0",DeclareClassElement:"The
`declare` modifier can only appear on class fields.",DeclareClassFieldInitializer:"Initializers are not allowed in fields
with the `declare` modifier.",DuplicateDeclareModuleExports:"Duplicate `declare module.exports`
statement",EnumBooleanMemberNotInitialized:"Boolean enum members need to be initialized. Use either `%0 =
true,` or `%0 = false,` in enum `%1`.",EnumDuplicateMemberName:"Enum member names need to be unique, but
the name `%0` has already been used before in enum `%1`.",EnumInconsistentMemberValues:"Enum `%0` has
inconsistent member initializers. Either use no initializers, or consistently use literals (either booleans, numbers, or
strings) for all member initializers.",EnumInvalidExplicitType:"Enum type `%1` is not valid. Use one of `boolean`,
`number`, `string`, or `symbol` in enum `%0`.",EnumInvalidExplicitTypeUnknownSupplied:"Supplied enum type is
not valid. Use one of `boolean`, `number`, `string`, or `symbol` in enum
`%0`.",EnumInvalidMemberInitializerPrimaryType:"Enum `%0` has type `%2`, so the initializer of `%1` needs to
be a %2 literal.",EnumInvalidMemberInitializerSymbolType:"Symbol enum members cannot be initialized. Use
`%1,` in enum `%0`.",EnumInvalidMemberInitializerUnknownType:"The enum member initializer for `%1` needs
to be a literal (either a boolean, number, or string) in enum `%0`.",EnumInvalidMemberName:"Enum member
names cannot start with lowercase `a` through `z`. Instead of using `%0`, consider using `%1`, in enum
`%2`.",EnumNumberMemberNotInitialized:"Number enum members need to be initialized, e.g. `%1 = 1` in enum
`%0`.",EnumStringMemberInconsistentlyInitailized:"String enum members need to consistently either all use
initializers, or use no initializers, in enum `%0`.",ImportTypeShorthandOnlyInPureImport:"The `type` and `typeof`
keywords on named imports can only be used on regular `import` statements. It cannot be used with `import type` or
`import typeof` statements",InexactInsideExact:"Explicit inexact syntax cannot appear inside an explicit exact object
type",InexactInsideNonObject:"Explicit inexact syntax cannot appear in class or interface
definitions",InexactVariance:"Explicit inexact syntax cannot have
variance",InvalidNonTypeImportInDeclareModule:"Imports within a `declare module` body must always be `import

```



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type` or `import typeof`,MissingTypeParamDefault:"Type parameter declaration needs a default, since a preceding
type parameter declaration has a default.",NestedDeclareModule:"`declare module` cannot be used inside another
`declare module`",NestedFlowComment:"Cannot have a flow comment inside another flow
comment",OptionalBindingPattern:"A binding pattern parameter cannot be optional in an implementation
signature.",SpreadVariance:"Spread properties cannot have variance",TypeBeforeInitializer:"Type annotations must
come before default assignments, e.g. instead of `age = 25: number` use `age: number =
25`",TypeCastInPattern:"The type cast expression is expected to be wrapped with
parenthesis",UnexpectedExplicitInexactInObject:"Explicit inexact syntax must appear at the end of an inexact
object",UnexpectedReservedType:"Unexpected reserved type %0",UnexpectedReservedUnderscore:"`_` is only
allowed as a type argument to call or new",UnexpectedSpaceBetweenModuloChecks:"Spaces between `%` and
`checks` are not allowed here.",UnexpectedSpreadType:"Spread operator cannot appear in class or interface
definitions",UnexpectedSubtractionOperand:"Unexpected token, expected `number` or
`bigint`",UnexpectedTokenAfterTypeParameter:"Expected an arrow function after this type parameter
declaration",UnexpectedTypeParameterBeforeAsyncArrowFunction:"Type parameters must come after the async
keyword, e.g. instead of `

```

```

z(e){return!!e&&("JSXOpeningFragment"===e.type||"JSXClosingFragment"===e.type)}function
$(e){if("JSXIdentifier"===e.type)return e.name;if("JSXNamespacedName"===e.type)return
e.namespace.name+"."+e.name.name;if("JSXMemberExpression"===e.type)return
$(e.object)+"."+$(e.property);throw new Error("Node had unexpected type: "+e.type)}g.j_oTag=new
b("<tag",!1),g.j_cTag=new b("</tag",!1),g.j_expr=new b("<tag>...</tag>",!0,!0),o.jsxName=new
n("jsxName"),o.jsxText=new n("jsxText",{beforeExpr:!0}),o.jsxTagStart=new
n("jsxTagStart",{startsExpr:!0}),o.jsxTagEnd=new
n("jsxTagEnd"),o.jsxTagStart.updateContext=function(){this.state.context.push(g.j_expr),this.state.context.push(g.j_oTag),this.state.exprAllowed=!1},o.jsxTagEnd.updateContext=function(e){const
t=this.state.context.pop();t===g.j_oTag&&e===o.slash||t===g.j_cTag?(this.state.context.pop(),this.state.exprAllowed=this.curContext()===g.j_expr):this.state.exprAllowed=!0};class Q{constructor(e){this.flags=void
0,this.var=[],this.lexical=[],this.functions=[],this.flags=e}class
Z{constructor(e,t){this.scopeStack=[],this.undefinedExports=new Map,this.undefinedPrivateNames=new
Map,this.raise=e,this.inModule=t}get inFunction(){return(2&this.currentVarScope().flags)>0}get
allowSuper(){return(16&this.currentThisScope().flags)>0}get
allowDirectSuper(){return(32&this.currentThisScope().flags)>0}get
inClass(){return(64&this.currentThisScope().flags)>0}get
inNonArrowFunction(){return(2&this.currentThisScope().flags)>0}get treatFunctionsAsVar(){return
this.treatFunctionsAsVarInScope(this.currentScope())}createScope(e){return new
Q(e)}enter(e){this.scopeStack.push(this.createScope(e))}exit(){this.scopeStack.pop()}treatFunctionsAsVarInScope(
e){return!!(2&e.flags||!this.inModule&&1&e.flags)}declareName(e,t,r){let
n=this.currentScope();if(8&t||16&t)this.checkRedeclarationInScope(n,e,t,r),16&t?n.functions.push(e):n.lexical.push(
e),8&t&&this.maybeExportDefined(n,e);else if(4&t)for(let i=this.scopeStack.length-
1;i>=0&&(n=this.scopeStack[i],this.checkRedeclarationInScope(n,e,t,r),n.var.push(e),this.maybeExportDefined(n,e)
,!!(131&n.flags));--
i);this.inModule&&1&n.flags&&this.undefinedExports.delete(e)}maybeExportDefined(e,t){this.inModule&&1&e.f
lags&&this.undefinedExports.delete(t)}checkRedeclarationInScope(e,t,r,n){this.isRedeclaredInScope(e,t,r)&&this.r
aise(n,y.VarRedeclaration,t)}isRedeclaredInScope(e,t,r){return!!(1&r)&&(8&r?e.lexical.indexOf(t)>-
1||e.functions.indexOf(t)>-1||e.var.indexOf(t)>-1:16&r?e.lexical.indexOf(t)>-
1||!this.treatFunctionsAsVarInScope(e)&&e.var.indexOf(t)>-1:e.lexical.indexOf(t)>-
1&&!(8&e.flags&&e.lexical[0]===t)||!this.treatFunctionsAsVarInScope(e)&&e.functions.indexOf(t)>-
1)}checkLocalExport(e){-1===this.scopeStack[0].lexical.indexOf(e.name)&&-
1===this.scopeStack[0].var.indexOf(e.name)&&-
1===this.scopeStack[0].functions.indexOf(e.name)&&this.undefinedExports.set(e.name,e.start)}currentScope(){ret
urn this.scopeStack[this.scopeStack.length-1]}currentVarScope(){for(let e=this.scopeStack.length-1;;e--){const
t=this.scopeStack[e];if(131&t.flags)return t}}currentThisScope(){for(let e=this.scopeStack.length-1;;e--){const
t=this.scopeStack[e];if((131&t.flags||64&t.flags)&&!(4&t.flags))return t}}class ee extends
Q{constructor(...e){super(...e),this.types=[],this.enums=[],this.constEnums=[],this.classes=[],this.exportOnlyBindin
gs=[]}class te extends Z{createScope(e){return new ee(e)}declareName(e,t,r){const
n=this.currentScope();if(1024&t)return this.maybeExportDefined(n,e),void
n.exportOnlyBindings.push(e);super.declareName(...arguments),2&t&&(1&t||!(this.checkRedeclarationInScope(n,e,t
,r),this.maybeExportDefined(n,e)),n.types.push(e)),256&t&&n.enums.push(e),512&t&&n.constEnums.push(e),128
&t&&n.classes.push(e)}isRedeclaredInScope(e,t,r){if(e.enums.indexOf(t)>-
1){if(256&r){return!!(512&r)!==e.constEnums.indexOf(t)>-1}return!0}return 128&r&&e.classes.indexOf(t)>-
1?e.lexical.indexOf(t)>-1&&!(1&r):!(2&r&&e.types.indexOf(t)>-
1)||super.isRedeclaredInScope(...arguments)}checkLocalExport(e){-
1===this.scopeStack[0].types.indexOf(e.name)&&-
1===this.scopeStack[0].exportOnlyBindings.indexOf(e.name)&&super.checkLocalExport(e)}class

```

```

re{ constructor(){ this.stacks=[] }enter(e){ this.stacks.push(e) }exit(){ this.stacks.pop() }currentFlags(){ return
this.stacks[this.stacks.length-1] }get hasAwait(){ return(2&this.currentFlags())>0 }get
hasYield(){ return(1&this.currentFlags())>0 }get hasReturn(){ return(4&this.currentFlags())>0 }get
hasIn(){ return(8&this.currentFlags())>0 } }function ne(e,t){ return(e?2:0)|(t?1:0) }function ie(e){ if(null==e)throw new
Error(` Unexpected ${e} value.`);return e }function se(e){ if(!e)throw new Error("Assert fail") }const
ae=Object.freeze({ ClassMethodHasDeclare:"Class methods cannot have the `declare`
modifier",ClassMethodHasReadOnly:"Class methods cannot have the `readonly`
modifier",ConstructorHasTypeParameters:"Type parameters cannot appear on a constructor
declaration.",DeclareClassFieldHasInitializer:"Initializers are not allowed in ambient
contexts.",DeclareFunctionHasImplementation:"An implementation cannot be declared in ambient
contexts.",DuplicateModifier:"Duplicate modifier: `%0`",EmptyHeritageClauseType:"`%0` list cannot be
empty.",EmptyTypeArguments:"Type argument list cannot be empty.",EmptyTypeParameters:"Type parameter list
cannot be empty.",IndexSignatureHasAbstract:"Index signatures cannot have the `abstract`
modifier",IndexSignatureHasAccessibility:"Index signatures cannot have an accessibility modifier
(`%0`)",IndexSignatureHasStatic:"Index signatures cannot have the `static`
modifier",IndexSignatureHasDeclare:"Index signatures cannot have the `declare`
modifier",InvalidTupleMemberLabel:"Tuple members must be labeled with a simple
identifier.",MixedLabeledAndUnlabeledElements:"Tuple members must all have names or all not have
names.",OptionalTypeBeforeRequired:"A required element cannot follow an optional
element.",PatternIsOptional:"A binding pattern parameter cannot be optional in an implementation
signature.",PrivateElementHasAbstract:"Private elements cannot have the `abstract`
modifier.",PrivateElementHasAccessibility:"Private elements cannot have an accessibility modifier
(`%0`)",TypeAnnotationAfterAssign:"Type annotations must come before default assignments, e.g. instead of `age
= 25: number` use `age: number = 25`",UnexpectedParameterModifier:"A parameter property is only allowed in a
constructor implementation.",UnexpectedReadOnly:"`readonly` type modifier is only permitted on array and tuple
literal types.",UnexpectedTypeAnnotation:"Did not expect a type annotation
here.",UnexpectedTypeCastInParameter:"Unexpected type cast in parameter
position.",UnsupportedImportTypeArgument:"Argument in a type import must be a string
literal",UnsupportedParameterPropertyKind:"A parameter property may not be declared using a binding
pattern.",UnsupportedSignatureParameterKind:"Name in a signature must be an Identifier, ObjectPattern or
ArrayPattern, instead got %0"});o.placeholder=new n("%%",{ startsExpr:!0});function oe(e,t){ return
e.some(e=>Array.isArray(e)?e[0]===t:e===t) }function le(e,t,r){ const
n=e.find(e=>Array.isArray(e)?e[0]===t:e===t);return n&&Array.isArray(n)?n[1][r]:null }const
ce=["minimal","smart","fsharp"],pe=["hash","bar"];const ue={ estree:e=>class extends
e{ estreeParseRegExpLiteral({ pattern:e,flags:t}{ let r=null;try{ r=new RegExp(e,t) }catch(e){ const
n=this.estreeParseLiteral(r);return n.regex={ pattern:e,flags:t },n }estreeParseBigIntLiteral(e){ const
t="undefined"!=typeof BigInt?BigInt(e):null,r=this.estreeParseLiteral(t);return
r.bigint=String(r.value|e),r }estreeParseDecimalLiteral(e){ const t=this.estreeParseLiteral(null);return
t.decimal=String(t.value|e),t }estreeParseLiteral(e){ return this.parseLiteral(e,"Literal") }directiveToStmt(e){ const
t=e.value,r=this.startNodeAt(e.start,e.loc.start),n=this.startNodeAt(t.start,t.loc.start);return
n.value=t.value,n.raw=t.extra.raw,r.expression=this.finishNodeAt(n,"Literal",t.end,t.loc.end),r.directive=t.extra.raw.
slice(1,-
1),this.finishNodeAt(r,"ExpressionStatement",e.end,e.loc.end) }initFunction(e,t){ super.initFunction(e,t),e.expression
=!1 }checkDeclaration(e){ T(e)?this.checkDeclaration(e.value):super.checkDeclaration(e) }getObjectOrClassMethod
Params(e){ return
e.value.params }checkLVal(e,t=64,r,n,i){ switch(e.type){ case"ObjectPattern":e.properties.forEach(e=>{ this.checkLVal
("Property"===e.type?e.value:e,t,r,"object destructuring
pattern",i)});break;default:super.checkLVal(e,t,r,n,i) } }checkProto(e,t,r,n){ e.method||super.checkProto(e,t,r,n) }isVali

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dDirective(e){ var t;return"ExpressionStatement"===e.type&&"Literal"===e.expression.type&&"string"===typeof
e.expression.value&&!(null==(t=e.expression.extra)?void 0:t.parenthesized)}stmtToDirective(e){const
t=super.stmtToDirective(e),r=e.expression.value;return
t.value.value=r,t}parseBlockBody(e,t,r,n){super.parseBlockBody(e,t,r,n);const
i=e.directives.map(e=>this.directiveToStmnt(e));e.body=i.concat(e.body),delete
e.directives}pushClassMethod(e,t,r,n,i,s){this.parseMethod(t,r,n,i,s,"ClassMethod",!0),t.typeParameters&&(t.value.t
ypeParameters=t.typeParameters,delete
t.typeParameters),e.body.push(t)}parseExprAtom(e){switch(this.state.type){case o.num:case o.string:return
this.estreeParseLiteral(this.state.value);case o.regex:return this.estreeParseRegExpLiteral(this.state.value);case
o.bigint:return this.estreeParseBigIntLiteral(this.state.value);case o.decimal:return
this.estreeParseDecimalLiteral(this.state.value);case o._null:return this.estreeParseLiteral(null);case o._true:return
this.estreeParseLiteral(!0);case o._false:return this.estreeParseLiteral(!1);default:return
super.parseExprAtom(e)}parseLiteral(e,t,r,n){const i=super.parseLiteral(e,t,r,n);return i.raw=i.extra.raw,delete
i.extra,i}parseFunctionBody(e,t,r=!1){super.parseFunctionBody(e,t,r),e.expression="BlockStatement"!==e.body.typ
e}parseMethod(e,t,r,n,i,s,a=!1){let o=this.startNode();return
o.kind=e.kind,o=super.parseMethod(o,t,r,n,i,s,a),o.type="FunctionExpression",delete
o.kind,e.value=o,s="ClassMethod"===s?"MethodDefinition":s,this.finishNode(e,s)}parseObjectMethod(e,t,r,n,i){co
nst s=super.parseObjectMethod(e,t,r,n,i);return
s&&(s.type="Property", "method"===s.kind&&(s.kind="init"),s.shorthand=!1),s}parseObjectProperty(e,t,r,n,i){cons
t s=super.parseObjectProperty(e,t,r,n,i);return s&&(s.kind="init",s.type="Property"),s}toAssignable(e){return
T(e)?(this.toAssignable(e.value),e):super.toAssignable(e)}toAssignableObjectExpressionProp(e,t){if("get"===e.kin
d||"set"===e.kind)throw this.raise(e.key.start,y.PatternHasAccessor);if(e.method)throw
this.raise(e.key.start,y.PatternHasMethod);super.toAssignableObjectExpressionProp(e,t)}finishCallExpression(e,t){r
eturn
super.finishCallExpression(e,t),"Import"===e.callee.type&&(e.type="ImportExpression",e.source=e.arguments[0],d
elete e.arguments,delete
e.callee,e)}toReferencedArguments(e){ "ImportExpression"!==e.type&&super.toReferencedArguments(e)}parseEx
port(e){ switch(super.parseExport(e),e.type){ case"ExportAllDeclaration":e.exported=null;break;case"ExportNamed
Declaration":1===e.specifiers.length&&"ExportNamespaceSpecifier"===e.specifiers[0].type&&(e.type="ExportAll
Declaration",e.exported=e.specifiers[0].exported,delete e.specifiers)}return e}parseSubscript(e,t,r,n,i){const
s=super.parseSubscript(e,t,r,n,i);if(i.optionalChainMember){if("OptionalMemberExpression"!==s.type&&"Optional
CallExpression"!==s.type||s.type=s.type.substring(8),i.stop){const e=this.startNodeAtNode(s);return
e.expression=s,this.finishNode(e,"ChainExpression")}else"MemberExpression"!==s.type&&"CallExpression"!==s
.type||s.optional=!1;return s}}jsx:e=>class extends e{jsxReadToken(){let
e="",t=this.state.pos;for(;;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,G.UnterminatedJsxCContent);const r=this.input.charCodeAtAt(this.state.pos);switch(r){case
60:case 123:return
this.state.pos===this.state.start?60===r&&this.state.exprAllowed?(++this.state.pos,this.finishToken(o.jsxTagStart))
:super.getTokenFromCode(r):(e+=this.input.slice(t,this.state.pos),this.finishToken(o.jsxText,e));case
38:e+=this.input.slice(t,this.state.pos),e+=this.jsxReadEntity(),t=this.state.pos;break;default:p(r)?(e+=this.input.slice
(t,this.state.pos),e+=this.jsxReadNewLine(!0),t=this.state.pos):++this.state.pos}}jsxReadNewLine(e){const
t=this.input.charCodeAtAt(this.state.pos);let
r;return++this.state.pos,13===t&&10===this.input.charCodeAtAt(this.state.pos)?(++this.state.pos,r=e?"\n":"\r\n"):r
=String.fromCharCode(t),++this.state.curLine,this.state.lineStart=this.state.pos,r}jsxReadString(e){let
t="",r=++this.state.pos;for(;;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,y.UnterminatedString);const
n=this.input.charCodeAtAt(this.state.pos);if(n===e)break;38===n?(t+=this.input.slice(r,this.state.pos),t+=this.jsxRead
Entity(),r=this.state.pos):p(n)?(t+=this.input.slice(r,this.state.pos),t+=this.jsxReadNewLine(!1),r=this.state.pos):++th

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is.state.pos }return t+=this.input.slice(r,this.state.pos++),this.finishToken(o.string,t)}jsxReadEntity(){let
e,t="",r=0,n=this.input[this.state.pos];const
i=++this.state.pos;for(;this.state.pos<this.length&&r++<10;){if(n=this.input[this.state.pos++],;"===n){#"===t[0]?
"x"===t[1]?(t=t.substr(2),J.test(t)&&(e=String.fromCharCode(parseInt(t,16))):(t=t.substr(1),H.test(t)&&(e=String.
fromCharCode(parseInt(t,10)))):e=X[t];break }t+=n }return e||(this.state.pos=i,"&")}jsxReadWord(){let e;const
t=this.state.pos;do {e=this.input.charCodeAt(++this.state.pos)} while(!e||45===e);return
this.finishToken(o.jsxName,this.input.slice(t,this.state.pos))}jsxParseIdentifier(){const e=this.startNode();return
this.match(o.jsxName)?e.name=this.state.value:this.state.type.keyword?e.name=this.state.type.keyword:this.unexpe
cted(),this.next(),this.finishNode(e,"JSXIdentifier")}jsxParseNamespacedName(){const
e=this.state.start,t=this.state.startLoc,r=this.jsxParseIdentifier();if(!this.eat(o.colon))return r;const
n=this.startNodeAt(e,t);return
n.namespace=r,n.name=this.jsxParseIdentifier(),this.finishNode(n,"JSXNamespacedName")}jsxParseElementName
(){const e=this.state.start,t=this.state.startLoc;let
r=this.jsxParseNamespacedName();if("JSXNamespacedName"===r.type)return r;for(;this.eat(o.dot);){const
n=this.startNodeAt(e,t);n.object=r,n.property=this.jsxParseIdentifier(),r=this.finishNode(n,"JSXMemberExpression"
)}return r}jsxParseAttributeValue(){let e;switch(this.state.type){case o.braceL:return
e=this.startNode(),this.next(),e=this.jsxParseExpressionContainer(e),"JSXEmptyExpression"===e.expression.type&
&this.raise(e.start,G.AttributeIsEmpty),e;case o.jsxTagStart:case o.string:return this.parseExprAtom();default:throw
this.raise(this.state.start,G.UnsupportedJsxValue)} }jsxParseEmptyExpression(){const
e=this.startNodeAt(this.state.lastTokEnd,this.state.lastTokEndLoc);return
this.finishNodeAt(e,"JSXEmptyExpression",this.state.start,this.state.startLoc)}jsxParseSpreadChild(e){return
this.next(),e.expression=this.parseExpression(),this.expect(o.braceR),this.finishNode(e,"JSXSpreadChild")}jsxParse
ExpressionContainer(e){return
this.match(o.braceR)?e.expression=this.jsxParseEmptyExpression():e.expression=this.parseExpression(),this.expect(
o.braceR),this.finishNode(e,"JSXExpressionContainer")}jsxParseAttribute(){const e=this.startNode();return
this.eat(o.braceL)?(this.expect(o.ellipsis),e.argument=this.parseMaybeAssignAllowIn(),this.expect(o.braceR),this.fi
nishNode(e,"JSXSpreadAttribute")):(e.name=this.jsxParseNamespacedName(),e.value=this.eat(o.eq)?this.jsxParseA
ttributeValue():null,this.finishNode(e,"JSXAttribute"))}jsxParseOpeningElementAt(e,t){const
r=this.startNodeAt(e,t);return
this.match(o.jsxTagEnd)?(this.expect(o.jsxTagEnd),this.finishNode(r,"JSXOpeningFragment")):(r.name=this.jsxPar
seElementName(),this.jsxParseOpeningElementAfterName(r))}jsxParseOpeningElementAfterName(e){const
t=[];for(;!this.match(o.slash)&&!this.match(o.jsxTagEnd);)t.push(this.jsxParseAttribute());return
e.attributes=t,e.selfClosing=this.eat(o.slash),this.expect(o.jsxTagEnd),this.finishNode(e,"JSXOpeningElement")}jsx
ParseClosingElementAt(e,t){const r=this.startNodeAt(e,t);return
this.match(o.jsxTagEnd)?(this.expect(o.jsxTagEnd),this.finishNode(r,"JSXClosingFragment")):(r.name=this.jsxPar
seElementName(),this.expect(o.jsxTagEnd),this.finishNode(r,"JSXClosingElement"))}jsxParseElementAt(e,t){const
r=this.startNodeAt(e,t),n=[],i=this.jsxParseOpeningElementAt(e,t);let
s=null;if(!i.selfClosing){e:for(;;)switch(this.state.type){case
o.jsxTagStart:if(e=this.state.start,t=this.state.startLoc,this.next(),this.eat(o.slash)){s=this.jsxParseClosingElementAt(
e,t);break e }n.push(this.jsxParseElementAt(e,t));break;case o.jsxText:n.push(this.parseExprAtom());break;case
o.braceL:{const
e=this.startNode();this.next(),this.match(o.ellipsis)?n.push(this.jsxParseSpreadChild(e)):n.push(this.jsxParseExpress
ionContainer(e));break }default:throw
this.unexpected()}z(i)&&!z(s)?this.raise(s.start,G.MissingClosingTagFragment):!z(i)&&z(s)?this.raise(s.start,G.Mis
singClosingTagElement,(i.name)):z(i)||z(s)||$(s.name)!==$(i.name)&&this.raise(s.start,G.MissingClosingTagElem
ent,(i.name))}if(z(i)?(r.openingFragment=i,r.closingFragment=s):(r.openingElement=i,r.closingElement=s),r.childr
en=n,this.isRelational("<"))throw this.raise(this.state.start,G.UnwrappedAdjacentJSXElements);return
z(i)?this.finishNode(r,"JSXFragment"):this.finishNode(r,"JSXElement")}jsxParseElement(){const

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e=this.state.start,t=this.state.startLoc;return this.next(),this.jsxParseElementAt(e,t)}parseExprAtom(e){return
this.match(o.jsxText)?this.parseLiteral(this.state.value,"JSXText"):this.match(o.jsxTagStart)?this.jsxParseElement
:this.isRelational("<")&&33!==(this.input.charCodeAtAt(this.state.pos)?(this.finishToken(o.jsxTagStart),this.jsxParseE
lement()):super.parseExprAtom(e)}getTokenFromCode(e){if(this.state.inPropertyName)return
super.getTokenFromCode(e);const t=this.curContext();if(t===g.j_expr)return
this.jsxReadToken();if(t===g.j_oTag||t===g.j_cTag){if(O(e))return
this.jsxReadWord();if(62===e)return++this.state.pos,this.finishToken(o.jsxTagEnd);if((34===e||39===e)&&t===g.
j_oTag)return this.jsxReadString(e)}return
60===e&&this.state.exprAllowed&&33!==(this.input.charCodeAtAt(this.state.pos+1)?(++this.state.pos,this.finishToku
n(o.jsxTagStart)):super.getTokenFromCode(e)}updateContext(e){if(this.match(o.braceL)){const
t=this.curContext();t===g.j_oTag?this.state.context.push(g.braceExpression):t===g.j_expr?this.state.context.push(g.
templateQuasi):super.updateContext(e),this.state.exprAllowed=!0}else{if(!this.match(o.slash)||e!==o.jsxTagStart)ret
urn super.updateContext(e);this.state.context.length-
=2,this.state.context.push(g.j_cTag),this.state.exprAllowed=!1}}},flow:e=>class extends
e{constructor(e,t){super(e,t),this.flowPragma=void 0,this.flowPragma=void 0}shouldParseTypes(){return
this.getPluginOption("flow","all")||"flow"===this.flowPragma}shouldParseEnums(){return!!this.getPluginOption("f
low","enums")}finishToken(e,t){return e!==o.string&&e!==o.semi&&e!==o.interpreterDirective&&void
0===this.flowPragma&&(this.flowPragma=null),super.finishToken(e,t)}addComment(e){if(void
0===this.flowPragma){const
t=W.exec(e.value);if(t)if("flow"===t[1])this.flowPragma="flow";else{if("noflow"!==t[1])throw new
Error("Unexpected flow pragma");this.flowPragma="noflow"}else;}return
super.addComment(e)}flowParseTypeInitialiser(e){const
t=this.state.inType;this.state.inType=!0,this.expect(e||o.colon);const r=this.flowParseType();return
this.state.inType=t,r}flowParsePredicate(){const
e=this.startNode(),t=this.state.startLoc,r=this.state.start;this.expect(o.modulo);const n=this.state.startLoc;return
this.expectContextual("checks"),t.line===n.line&&t.column===n.column-
1||this.raise(r,V.UnexpectedSpaceBetweenModuloChecks),this.eat(o.parenL)?(e.value=this.parseExpression(),this.e
xpect(o.parenR),this.finishNode(e,"DeclaredPredicate")):this.finishNode(e,"InferredPredicate")}flowParseTypeAnd
PredicateInitialiser(){const e=this.state.inType;this.state.inType=!0,this.expect(o.colon);let t=null,r=null;return
this.match(o.modulo)?(this.state.inType=e,r=this.flowParsePredicate()):t=this.flowParseType(),this.state.inType=e,
this.match(o.modulo)&&(r=this.flowParsePredicate()),[t,r]}flowParseDeclareClass(e){return
this.next(),this.flowParseInterfaceish(e,!0),this.finishNode(e,"DeclareClass")}flowParseDeclareFunction(e){this.nex
t();const
t=e.id=this.parseIdentifier(),r=this.startNode(),n=this.startNode();this.isRelational("<")?r.typeParameters=this.flowP
arseTypeParameterDeclaration():r.typeParameters=null,this.expect(o.parenL);const
i=this.flowParseFunctionTypeParams();return
r.params=i.params,r.rest=i.rest,this.expect(o.parenR),[r.returnType,e.predicate]=this.flowParseTypeAndPredicateIni
tialiser(),n.typeAnnotation=this.finishNode(r,"FunctionTypeAnnotation"),t.typeAnnotation=this.finishNode(n,"Type
Annotation"),this.resetEndLocation(t),this.semicolon(),this.finishNode(e,"DeclareFunction")}flowParseDeclare(e,t)
{if(this.match(o._class))return this.flowParseDeclareClass(e);if(this.match(o._function))return
this.flowParseDeclareFunction(e);if(this.match(o._var))return
this.flowParseDeclareVariable(e);if(this.eatContextual("module"))return
this.match(o.dot)?this.flowParseDeclareModuleExports(e):(t&&this.raise(this.state.lastTokStart,V.NestedDeclareM
odule),this.flowParseDeclareModule(e));if(this.isContextual("type"))return
this.flowParseDeclareTypeAlias(e);if(this.isContextual("opaque"))return
this.flowParseDeclareOpaqueType(e);if(this.isContextual("interface"))return
this.flowParseDeclareInterface(e);if(this.match(o._export))return this.flowParseDeclareExportDeclaration(e,t);throw
this.unexpected()}flowParseDeclareVariable(e){return

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this.next(),e.id=this.flowParseTypeAnnotatableIdentifier(!0),this.scope.declareName(e.id.name,5,e.id.start),this.semicolon(),this.finishNode(e,"DeclareVariable")}flowParseDeclareModule(e){this.scope.enter(0),this.match(o.string)?e.id=this.parseExprAtom():e.id=this.parseIdentifier();const t=e.body=this.startNode(),r=t.body=[];for(this.expect(o.braceL);!this.match(o.braceR);){let e=this.startNode();this.match(o._import)?(this.next(),this.isContextual("type"))||this.match(o._typeof)||this.raise(this.state.lastTokStart,V.InvalidNonTypeImportInDeclareModule),this.parseImport(e):(this.expectContextual("declare",V.UnsupportedStatementInDeclareModule),e=this.flowParseDeclare(e,!0)),r.push(e)}this.scope.exit(),this.expect(o.braceR),this.finishNode(t,"BlockStatement");let n=null,i=!1;return r.forEach(e=>{!function(e){return"DeclareExportAllDeclaration"===e.type||"DeclareExportDeclaration"===e.type&&!e.declaration||"TypeAlias"!==e.declaration.type&&"InterfaceDeclaration"!==e.declaration.type})(e)?"DeclareModuleExports"===e.type&&(i&&this.raise(e.start,V.DuplicateDeclareModuleExports),"ES"===n&&this.raise(e.start,V.AmbiguousDeclareModuleKind),n="CommonJS",i=!0):("CommonJS"===n&&this.raise(e.start,V.AmbiguousDeclareModuleKind),n="ES")},e.kind=n||"CommonJS",this.finishNode(e,"DeclareModule")}flowParseDeclareExportDeclaration(e,t){if(this.expect(o._export),this.eat(o._default))return this.match(o._function)||this.match(o._class)?e.declaration=this.flowParseDeclare(this.startNode()):e.declaration=this.flowParseType(),this.semicolon(),e.default=!0,this.finishNode(e,"DeclareExportDeclaration");if(this.match(o._const)||this.isLet()||this.isContextual("type")||this.isContextual("interface"))&&!t){const e=this.state.value,t=Y[e];throw this.raise(this.state.start,V.UnsupportedDeclareExportKind,e,t)}if(this.match(o._var)||this.match(o._function)||this.match(o._class)||this.isContextual("opaque"))return e.declaration=this.flowParseDeclare(this.startNode()),e.default=!1,this.finishNode(e,"DeclareExportDeclaration");if(this.match(o._star)||this.match(o.braceL)||this.isContextual("interface")||this.isContextual("type")||this.isContextual("opaque"))return"ExportNamedDeclaration"===e.type&&(e.type="ExportDeclaration",e.default=!1,delete e.exportKind),e.type="Declare"+e.type,e;throw this.unexpected()}flowParseDeclareModuleExports(e){return this.next(),this.expectContextual("exports"),e.typeAnnotation=this.flowParseTypeAnnotation(),this.semicolon(),this.finishNode(e,"DeclareModuleExports")}flowParseDeclareTypeAlias(e){return this.next(),this.flowParseTypeAlias(e),e.type="DeclareTypeAlias",e}flowParseDeclareOpaqueType(e){return this.next(),this.flowParseOpaqueType(e,!0),e.type="DeclareOpaqueType",e}flowParseDeclareInterface(e){return this.next(),this.flowParseInterfaceish(e),this.finishNode(e,"DeclareInterface")}flowParseInterfaceish(e,t=!1){if(e.id=this.flowParseRestrictedIdentifier(!t,!0),this.scope.declareName(e.id.name,t?17:9,e.id.start),this.isRelational("<")?e.typeParameters=this.flowParseTypeParameterDeclaration():e.typeParameters=null,e.extends=[],e.implements=[],e.mixins=[],this.eat(o._extends))do{e.extends.push(this.flowParseInterfaceExtends())}while(!t&&this.eat(o.comma));if(this.isContextual("mixins")){this.next();do{e.mixins.push(this.flowParseInterfaceExtends())}while(this.eat(o.comma))}if(this.isContextual("implements")){this.next();do{e.implements.push(this.flowParseInterfaceExtends())}while(this.eat(o.comma))}e.body=this.flowParseObjectType({allowStatic:t,allowExact:!1,allowSpread:!1,allowProto:t,allowInexact:!1})}flowParseInterfaceExtends(){const e=this.startNode();return e.id=this.flowParseQualifiedTypeIdentifier(),this.isRelational("<")?e.typeParameters=this.flowParseTypeParameterInstantiation():e.typeParameters=null,this.finishNode(e,"InterfaceExtends")}flowParseInterface(e){return this.flowParseInterfaceish(e),this.finishNode(e,"InterfaceDeclaration")}checkNotUnderscore(e){ "_"===e&&this.raise(this.state.start,V.UnexpectedReservedUnderscore)}checkReservedType(e,t,r){U.has(e)&&this.raise(t,r?V.AssignReservedType:V.UnexpectedReservedType,e)}flowParseRestrictedIdentifier(e,t){return this.checkReservedType(this.state.value,this.state.start,t),this.parseIdentifier(e)}flowParseTypeAlias(e){return e.id=this.flowParseRestrictedIdentifier(!1,!0),this.scope.declareName(e.id.name,9,e.id.start),this.isRelational("<")?e.typeParameters=this.flowParseTypeParameterDeclaration():e.typeParameters=null,e.right=this.flowParseTypeInitializer(o.eq),this.semicolon(),this.finishNode(e,"TypeAlias")}flowParseOpaqueType(e,t){return this.expectContextual("type"),e.id=this.flowParseRestrictedIdentifier(!0,!0),this.scope.declareName(e.id.name,9,e.id.start),this.isRelational("<")?e.typeParameters=this.flowParseTypeParameterDeclaration():e.typeParameters=null,e.s

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upertype=null,this.match(o.colon)&&(e.supertype=this.flowParseTypeInitialiser(o.colon)),e.impltype=null,t||(e.impl
type=this.flowParseTypeInitialiser(o.eq)),this.semicolon(),this.finishNode(e,"OpaqueType")}flowParseTypeParame
ter(e=!1){const
t=this.state.start,r=this.startNode(),n=this.flowParseVariance(),i=this.flowParseTypeAnnotatableIdentifier();return
r.name=i.name,r.variance=n,r.bound=i.typeAnnotation,this.match(o.eq)?(this.eat(o.eq),r.default=this.flowParseType
()):e&&this.raise(t,V.MissingTypeParamDefault),this.finishNode(r,"TypeParameter")}flowParseTypeParameterDec
laration(){const
e=this.state.inType,t=this.startNode();t.params=[],this.state.inType=!0,this.isRelational("<")||this.match(o.jsxTagSta
rt)?this.next():this.unexpected();let r=!1;do{const
e=this.flowParseTypeParameter(r);t.params.push(e),e.default&&(r=!0),this.isRelational(">")||this.expect(o.comma)}
while(!this.isRelational(">"));return
this.expectRelational(">"),this.state.inType=e,this.finishNode(t,"TypeParameterDeclaration")}flowParseTypeParam
eterInstantiation(){const
e=this.startNode(),t=this.state.inType;e.params=[],this.state.inType=!0,this.expectRelational("<");const
r=this.state.noAnonFunctionType;for(this.state.noAnonFunctionType=!1;!this.isRelational(">");)e.params.push(this.
flowParseType()),this.isRelational(">")||this.expect(o.comma);return
this.state.noAnonFunctionType=r,this.expectRelational(">"),this.state.inType=t,this.finishNode(e,"TypeParameterIn
stantiation")}flowParseTypeParameterInstantiationCallOrNew(){const
e=this.startNode(),t=this.state.inType;for(e.params=[],this.state.inType=!0,this.expectRelational("<");!this.isRelatio
nal(">");)e.params.push(this.flowParseTypeOrImplicitInstantiation()),this.isRelational(">")||this.expect(o.comma);re
turn
this.expectRelational(">"),this.state.inType=t,this.finishNode(e,"TypeParameterInstantiation")}flowParseInterfaceT
ype(){const
e=this.startNode();if(this.expectContextual("interface"),e.extends=[],this.eat(o._extends))do{e.extends.push(this.flo
wParseInterfaceExtends())}while(this.eat(o.comma));return
e.body=this.flowParseObjectType({allowStatic:!1,allowExact:!1,allowSpread:!1,allowProto:!1,allowInexact:!1}),thi
s.finishNode(e,"InterfaceTypeAnnotation")}flowParseObjectPropertyKey(){return
this.match(o.num)||this.match(o.string)?this.parseExprAtom():this.parseIdentifier(!0)}flowParseObjectTypeIndexer(
e,t,r){return
e.static=t,this.lookahead().type===o.colon?(e.id=this.flowParseObjectPropertyKey(),e.key=this.flowParseTypeInitia
liser()):e.id=null,e.key=this.flowParseType(),this.expect(o.bracketR),e.value=this.flowParseTypeInitialiser(),e.vari
ance=r,this.finishNode(e,"ObjectTypeIndexer")}flowParseObjectTypeInternalSlot(e,t){return
e.static=t,e.id=this.flowParseObjectPropertyKey(),this.expect(o.bracketR),this.expect(o.bracketR),this.isRelational("
<")||this.match(o.parenL)?(e.method=!0,e.optional=!1,e.value=this.flowParseObjectTypeMethodish(this.startNodeA
t(e.start,e.loc.start))):(e.method=!1,this.eat(o.question)&&(e.optional=!0),e.value=this.flowParseTypeInitialiser()),th
is.finishNode(e,"ObjectTypeInternalSlot")}flowParseObjectTypeMethodish(e){for(e.params=[],e.rest=null,e.typePa
rameters=null,this.isRelational("<")&&(e.typeParameters=this.flowParseTypeParameterDeclaration()),this.expect(o.
parenL);!this.match(o.parenR)&&!this.match(o.ellipsis);)e.params.push(this.flowParseFunctionTypeParam()),this.m
atch(o.parenR)||this.expect(o.comma);return
this.eat(o.ellipsis)&&(e.rest=this.flowParseFunctionTypeParam()),this.expect(o.parenR),e.returnType=this.flowPars
eTypeInitialiser(),this.finishNode(e,"FunctionTypeAnnotation")}flowParseObjectTypeCallProperty(e,t){const
r=this.startNode();return
e.static=t,e.value=this.flowParseObjectTypeMethodish(r),this.finishNode(e,"ObjectTypeCallProperty")}flowParseO
bjectType({allowStatic:e,allowExact:t,allowSpread:r,allowProto:n,allowInexact:i}){const
s=this.state.inType;this.state.inType=!0;const a=this.startNode();let
l,c;a.callProperties=[],a.properties=[],a.indexers=[],a.internalSlots=[];let
p=!1;for(t&&this.match(o.braceBarL)?(this.expect(o.braceBarL),l=o.braceBarR,c=!0):(this.expect(o.braceL),l=o.bra
ceR,c=!1),a.exact=c;!this.match(l);){let t=!1,s=null,l=null;const

```



```

u=this.startNode();if(n&&this.isContextual("proto")){const
t=this.lookahead();t.type!==(o.colon&&t.type!==(o.question&&(this.next(),s=this.state.start,e=!1))if(e&&this.isCont
extual("static")){const e=this.lookahead();e.type!==(o.colon&&t.type!==(o.question&&(this.next(),t=!0))const
d=this.flowParseVariance();if(this.eat(o.bracketL))null!=s&&this.unexpected(s),this.eat(o.bracketL)?(d&&this.unex
pected(d.start),a.internalSlots.push(this.flowParseObjectTypeInternalSlot(u,t)):a.indexers.push(this.flowParseObjec
tTypeIndexer(u,t,d));else
if(this.match(o.parenL)||this.isRelational("<"))null!=s&&this.unexpected(s),d&&this.unexpected(d.start),a.callPrope
rties.push(this.flowParseObjectTypeCallProperty(u,t));else{let
e="init";if(this.isContextual("get")||this.isContextual("set")){const
t=this.lookahead();t.type!==(o.name&&t.type!==(o.string&&t.type!==(o.num||(e=this.state.value,this.next()))const
n=this.flowParseObjectTypeProperty(u,t,s,d,e,r,null!=i?i:c);null===n?(p=!0,l=this.state.lastTokStart):a.properties.p
ush(n)}this.flowObjectTypeSemicolon(),!||this.match(o.braceR)||this.match(o.braceBarR)||this.raise(l,V.Unexpected
ExplicitInexactInObject)}this.expect(l,r&&(a.inexact=p));const
u=this.finishNode(a,"ObjectTypeAnnotation");return
this.state.inType=s,u}flowParseObjectTypeProperty(e,t,r,n,i,s,a){if(this.eat(o.ellipsis)){return
this.match(o.comma)||this.match(o.semi)||this.match(o.braceR)||this.match(o.braceBarR)?(s?a||this.raise(this.state.las
tTokStart,V.InexactInsideExact):this.raise(this.state.lastTokStart,V.InexactInsideNonObject),n&&this.raise(n.start,
V.InexactVariance),null):(s||this.raise(this.state.lastTokStart,V.UnexpectedSpreadType),null!=r&&this.unexpected(r
),n&&this.raise(n.start,V.SpreadVariance),e.argument=this.flowParseType(),this.finishNode(e,"ObjectTypeSpreadP
roperty"))}{e.key=this.flowParseObjectPropertyKey(),e.static=t,e.proto=null!=r,e.kind=i;let s=!1;return
this.isRelational("<")||this.match(o.parenL)?(e.method=!0,null!=r&&this.unexpected(r),n&&this.unexpected(n.start
),e.value=this.flowParseObjectTypeMethodish(this.startNodeAt(e.start,e.loc.start)),"get"!=i&&"set"!=i||this.flowC
heckGetterSetterParams(e)):(("init"!=i&&this.unexpected(),e.method=!1,this.eat(o.question)&&(s=!0),e.value=this.
flowParseTypeInitialiser(),e.variance=n),e.optional=s,this.finishNode(e,"ObjectTypeProperty"))}flowCheckGetterS
etterParams(e){const
t="get"===e.kind?0:1,r=e.start;e.value.params.length+(e.value.rest?1:0)!==t&&("get"===e.kind?this.raise(r,y.BadG
etterArity):this.raise(r,y.BadSetterArity)),"set"===e.kind&&e.value.rest&&this.raise(r,y.BadSetterRestParameter)}f
lowObjectTypeSemicolon(){this.eat(o.semi)||this.eat(o.comma)||this.match(o.braceR)||this.match(o.braceBarR)||this.
unexpected()}flowParseQualifiedTypeIdentifier(e,t,r){e=e||this.state.start,t=t||this.state.startLoc;let
n=r||this.flowParseRestrictedIdentifier(!0);for(;this.eat(o.dot);){const
r=this.startNodeAt(e,t);r.qualification=n,r.id=this.flowParseRestrictedIdentifier(!0),n=this.finishNode(r,"QualifiedT
ypeIdentifier")}return n}flowParseGenericType(e,t,r){const n=this.startNodeAt(e,t);return
n.typeParameters=null,n.id=this.flowParseQualifiedTypeIdentifier(e,t,r),this.isRelational("<")&&(n.typeParameters
=this.flowParseTypeParameterInstantiation()),this.finishNode(n,"GenericTypeAnnotation")}flowParseTypeofType()
{const e=this.startNode();return
this.expect(o._typeof),e.argument=this.flowParsePrimaryType(),this.finishNode(e,"TypeofTypeAnnotation")}flowP
arseTupleType(){const
e=this.startNode();for(e.types=[],this.expect(o.bracketL);this.state.pos<this.length&&!this.match(o.bracketR)&&(e.t
ypes.push(this.flowParseType()),!this.match(o.bracketR));)this.expect(o.comma);return
this.expect(o.bracketR),this.finishNode(e,"TupleTypeAnnotation")}flowParseFunctionTypeParam(){let
e=null,t=!1,r=null;const n=this.startNode(),i=this.lookahead();return
i.type===o.colon|i.type===o.question?(e=this.parseIdentifier(),this.eat(o.question)&&(t=!0),r=this.flowParseTypeI
nitialiser():r=this.flowParseType(),n.name=e,n.optional=t,n.typeAnnotation=r,this.finishNode(n,"FunctionTypePara
m"))reinterpretTypeAsFunctionTypeParam(e){const t=this.startNodeAt(e.start,e.loc.start);return
t.name=null,t.optional=!1,t.typeAnnotation=e,this.finishNode(t,"FunctionTypeParam")}flowParseFunctionTypePara
ms(e=[]){let
t=null;for(;!this.match(o.parenR)&&!this.match(o.ellipsis);)e.push(this.flowParseFunctionTypeParam()),this.match(
o.parenR)||this.expect(o.comma);return

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this.eat(o.ellipsis)&&(t=this.flowParseFunctionTypeParam()),{params:e,rest:t}}flowIdentToTypeAnnotation(e,t,r,n)
{switch(n.name){case"any":return this.finishNode(r,"AnyTypeAnnotation");case"bool":case"boolean":return
this.finishNode(r,"BooleanTypeAnnotation");case"mixed":return
this.finishNode(r,"MixedTypeAnnotation");case"empty":return
this.finishNode(r,"EmptyTypeAnnotation");case"number":return
this.finishNode(r,"NumberTypeAnnotation");case"string":return
this.finishNode(r,"StringTypeAnnotation");case"symbol":return
this.finishNode(r,"SymbolTypeAnnotation");default:return
this.checkNotUnderscore(n.name),this.flowParseGenericType(e,t,n)}}flowParsePrimaryType(){const
e=this.state.start,t=this.state.startLoc,r=this.startNode();let n,i,s=!1;const
a=this.state.noAnonFunctionType;switch(this.state.type){case o.name:return
this.isContextual("interface")?this.flowParseInterfaceType():this.flowIdentToTypeAnnotation(e,t,r,this.parseIdentifi
er());case o.braceL:return
this.flowParseObjectType({allowStatic:!1,allowExact:!1,allowSpread:!0,allowProto:!1,allowInexact:!0});case
o.braceBarL:return
this.flowParseObjectType({allowStatic:!1,allowExact:!0,allowSpread:!0,allowProto:!1,allowInexact:!1});case
o.bracketL:return
this.state.noAnonFunctionType=!1,i=this.flowParseTupleType(),this.state.noAnonFunctionType=a,i;case
o.relational:if("<"===this.state.value)return
r.typeParameters=this.flowParseTypeParameterDeclaration(),this.expect(o.parenL),n=this.flowParseFunctionTypeP
arams(),r.params=n.params,r.rest=n.rest,this.expect(o.parenR),this.expect(o.arrow),r.returnType=this.flowParseType
(),this.finishNode(r,"FunctionTypeAnnotation");break;case
o.parenL:if(this.next(),!this.match(o.parenR)&&!this.match(o.ellipsis))if(this.match(o.name)){const
e=this.lookahead().type;s=e!==o.question&&e===o.colon}else
s=!0;if(s){if(this.state.noAnonFunctionType=!1,i=this.flowParseType(),this.state.noAnonFunctionType=a,this.state.
noAnonFunctionType||!(this.match(o.comma)||this.match(o.parenR)&&this.lookahead().type===o.arrow))return
this.expect(o.parenR),i;this.eat(o.comma)}return
n=i?this.flowParseFunctionTypeParams([this.reinterpretTypeAsFunctionTypeParam(i)]:this.flowParseFunctionTyp
eParams(),r.params=n.params,r.rest=n.rest,this.expect(o.parenR),this.expect(o.arrow),r.returnType=this.flowParseT
ype(),r.typeParameters=null,this.finishNode(r,"FunctionTypeAnnotation");case o.string:return
this.parseLiteral(this.state.value,"StringLiteralTypeAnnotation");case o._true:case o._false:return
r.value=this.match(o._true),this.next(),this.finishNode(r,"BooleanLiteralTypeAnnotation");case o.plusMin:if("-
"===this.state.value){if(this.next(),this.match(o.num))return this.parseLiteral(-
this.state.value,"NumberLiteralTypeAnnotation",r.start,r.loc.start);if(this.match(o.bigint))return this.parseLiteral(-
this.state.value,"BigIntLiteralTypeAnnotation",r.start,r.loc.start);throw
this.raise(this.state.start,V.UnexpectedSubtractionOperand)}throw this.unexpected();case o.num:return
this.parseLiteral(this.state.value,"NumberLiteralTypeAnnotation");case o.bigint:return
this.parseLiteral(this.state.value,"BigIntLiteralTypeAnnotation");case o._void:return
this.next(),this.finishNode(r,"VoidTypeAnnotation");case o._null:return
this.next(),this.finishNode(r,"NullLiteralTypeAnnotation");case o._this:return
this.next(),this.finishNode(r,"ThisTypeAnnotation");case o.star:return
this.next(),this.finishNode(r,"ExistsTypeAnnotation");default:if("typeof"===this.state.type.keyword)return
this.flowParseTypeofType();if(this.state.type.keyword){const e=this.state.type.label;return
this.next(),super.createIdentifier(r,e)}}throw this.unexpected()}flowParsePostfixType(){const
e=this.state.start,t=this.state.startLoc;let
r=this.flowParsePrimaryType();for(;this.match(o.bracketL)&&!this.canInsertSemicolon());{const
n=this.startNodeAt(e,t),n.elementType=r,this.expect(o.bracketL),this.expect(o.bracketR),r=this.finishNode(n,"Array
TypeAnnotation")}return r}flowParsePrefixType(){const e=this.startNode();return

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```

this.eat(o.question)?(e.typeAnnotation=this.flowParsePrefixType(),this.finishNode(e,"NullableTypeAnnotation")):this
.is.flowParsePostfixType()}flowParseAnonFunctionWithoutParens(){const
e=this.flowParsePrefixType();if(!this.state.noAnonFunctionType&&this.eat(o.arrow)){const
t=this.startNodeAt(e.start,e.loc.start);return
t.params=[this.reinterpretTypeAsFunctionTypeParam(e),t.rest=null,t.returnType=this.flowParseType(),t.typeParam
eters=null,this.finishNode(t,"FunctionTypeAnnotation")}return e}flowParseIntersectionType(){const
e=this.startNode();this.eat(o.bitwiseAND);const
t=this.flowParseAnonFunctionWithoutParens();for(e.types=[t];this.eat(o.bitwiseAND);)e.types.push(this.flowParse
AnonFunctionWithoutParens());return
1===e.types.length?t:this.finishNode(e,"IntersectionTypeAnnotation")}flowParseUnionType(){const
e=this.startNode();this.eat(o.bitwiseOR);const
t=this.flowParseIntersectionType();for(e.types=[t];this.eat(o.bitwiseOR);)e.types.push(this.flowParseIntersectionTy
pe());return 1===e.types.length?t:this.finishNode(e,"UnionTypeAnnotation")}flowParseType(){const
e=this.state.inType;this.state.inType=!0;const t=this.flowParseUnionType();return
this.state.inType=e,this.state.exprAllowed=this.state.exprAllowed||this.state.noAnonFunctionType,t}flowParseType
OrImplicitInstantiation(){if(this.state.type===o.name&&"_"===this.state.value){const
e=this.state.start,t=this.state.startLoc,r=this.parseIdentifier();return this.flowParseGenericType(e,t,r)}return
this.flowParseType()}flowParseTypeAnnotation(){const e=this.startNode();return
e.typeAnnotation=this.flowParseTypeInitialiser(),this.finishNode(e,"TypeAnnotation")}flowParseTypeAnnotatableI
dentifier(e){const t=e?this.parseIdentifier():this.flowParseRestrictedIdentifier();return
this.match(o.colon)&&(t.typeAnnotation=this.flowParseTypeAnnotation(),this.resetEndLocation(t),t)}typeCastToPa
rameter(e){return
e.expression.typeAnnotation=e.typeAnnotation,this.resetEndLocation(e.expression,e.typeAnnotation.end,e.typeAnn
otation.loc.end),e.expression}flowParseVariance(){let e=null;return
this.match(o.plusMin)&&(e=this.startNode(),"+"===this.state.value?e.kind="plus":e.kind="minus",this.next(),this.fi
nishNode(e,"Variance")),e}parseFunctionBody(e,t,r=!1){return
t?this.forwardNoArrowParamsConversionAt(e,()=>super.parseFunctionBody(e,!0,r)):super.parseFunctionBody(e,!1,
r)}parseFunctionBodyAndFinish(e,t,r=!1){if(this.match(o.colon)){const
t=this.startNode();[t.typeAnnotation,e.predicate]=this.flowParseTypeAndPredicateInitialiser(),e.returnType=t.typeA
nnotation?this.finishNode(t,"TypeAnnotation"):null}super.parseFunctionBodyAndFinish(e,t,r)}parseStatement(e,t){
if(this.state.strict&&this.match(o.name)&&"interface"===this.state.value){const
e=this.lookahead();if(e.type===o.name||R(e.value)){const e=this.startNode();return
this.next(),this.flowParseInterface(e)}else if(this.shouldParseEnums()&&this.isContextual("enum")){const
e=this.startNode();return this.next(),this.flowParseEnumDeclaration(e)}const r=super.parseStatement(e,t);return
void
0!==(this.flowPragma||this.isValidDirective(r)||this.flowPragma=null),r}parseExpressionStatement(e,t){if("Identifie
r"===t.type)if("declare"===t.name){if(this.match(o._class)||this.match(o.name)||this.match(o._function)||this.match(
o._var)||this.match(o._export))return this.flowParseDeclare(e)}else
if(this.match(o.name)){if("interface"===t.name)return this.flowParseInterface(e);if("type"===t.name)return
this.flowParseTypeAlias(e);if("opaque"===t.name)return this.flowParseOpaqueType(e,!1)}return
super.parseExpressionStatement(e,t)}shouldParseExportDeclaration(){return
this.isContextual("type")||this.isContextual("interface")||this.isContextual("opaque")||this.shouldParseEnums()&&thi
s.isContextual("enum")||super.shouldParseExportDeclaration()}isExportDefaultSpecifier(){return(!this.match(o.nam
e)||!("type"===this.state.value||"interface"===this.state.value||"opaque"===this.state.value||this.shouldParseEnums()
&&"enum"===this.state.value))&&super.isExportDefaultSpecifier()}parseExportDefaultExpression(){if(this.should
ParseEnums()&&this.isContextual("enum")){const e=this.startNode();return
this.next(),this.flowParseEnumDeclaration(e)}return
super.parseExportDefaultExpression()}parseConditional(e,t,r,n){if(!this.match(o.question))return e;if(n){const

```

```

i=this.tryParse(=>super.parseConditional(e,t,r));return
i.node?(i.error&&(this.state=i.failState),i.node):(n.start=i.error.pos||this.state.start,e)}this.expect(o.question);const
i=this.state.clone(),s=this.state.noArrowAt,a=this.startNodeAt(t,r);let { consequent:l,failed:c }=this.tryParseCondition
alConsequent(),[p,u]=this.getArrowLikeExpressions(l);if(c||u.length>0){ const
e=[...s];if(u.length>0){ this.state=i,this.state.noArrowAt=e;for(let
t=0;t<u.length;t++)e.push(u[t].start);({ consequent:l,failed:c }=this.tryParseConditionalConsequent(),[p,u]=this.getA
rrowLikeExpressions(l) )c&&p.length>1&&this.raise(i.start,V.AmbiguousConditionalArrow),c&&1===p.length&
&(this.state=i,this.state.noArrowAt=e.concat(p[0].start),({ consequent:l,failed:c }=this.tryParseConditionalConseque
nt()))}return
this.getArrowLikeExpressions(l,!0),this.state.noArrowAt=s,this.expect(o.colon),a.test=e,a.consequent=l,a.alternate=
this.forwardNoArrowParamsConversionAt(a,(=>this.parseMaybeAssign(void 0,void 0,void
0)),this.finishNode(a,"ConditionalExpression"))tryParseConditionalConsequent(){ this.state.noArrowParamsConver
sionAt.push(this.state.start);const e=this.parseMaybeAssignAllowIn(),t=!this.match(o.colon);return
this.state.noArrowParamsConversionAt.pop(),{ consequent:e,failed:t } }getArrowLikeExpressions(e,t){ const
r=[e],n=[];for(;0!==r.length;){ const
e=r.pop();"ArrowFunctionExpression"===e.type?(e.typeParameters||!e.returnType?this.finishArrowValidation(e):n.
push(e),r.push(e.body)):"ConditionalExpression"===e.type&&(r.push(e.consequent),r.push(e.alternate))}return
t?(n.forEach(e=>this.finishArrowValidation(e)),[n,[]]):function(e,t){ const r=[],n=[];for(let
i=0;i<e.length;i++)(t(e[i],i,e)?r:n).push(e[i]);return[r,n]}(n,e=>e.params.every(e=>this.isAssignable(e,!0)))}finishAr
rowValidation(e){ var t;this.toAssignableList(e.params,null==(t=e.extra)?void
0:t.trailingComma),this.scope.enter(6),super.checkParams(e,!1,!0),this.scope.exit()}forwardNoArrowParamsConver
sionAt(e,t){ let r;return-
1!==this.state.noArrowParamsConversionAt.indexOf(e.start)?(this.state.noArrowParamsConversionAt.push(this.stat
e.start),r=t(),this.state.noArrowParamsConversionAt.pop()):r=t(),r}parseParenItem(e,t,r){ if(e=super.parseParenItem
(e,t,r),this.eat(o.question)&&(e.optional=!0,this.resetEndLocation(e)),this.match(o.colon)){ const
n=this.startNodeAt(t,r);return
n.expression=e,n.typeAnnotation=this.flowParseTypeAnnotation(),this.finishNode(n,"TypeCastExpression")}return
e}assertModuleNodeAllowed(e){ "ImportDeclaration"===e.type&&("type"===e.importKind||"typeof"===e.import
Kind)||"ExportNamedDeclaration"===e.type&&"type"===e.exportKind||"ExportAllDeclaration"===e.type&&"type
"===e.exportKind||super.assertModuleNodeAllowed(e)}parseExport(e){ const
t=super.parseExport(e);return"ExportNamedDeclaration"!==t.type&&"ExportAllDeclaration"!==t.type||(t.exportKin
d=t.exportKind||"value"),t}parseExportDeclaration(e){ if(this.isContextual("type")){e.exportKind="type";const
t=this.startNode();return
this.next(),this.match(o.braceL)?(e.specifiers=this.parseExportSpecifiers(),this.parseExportFrom(e),null):this.flowPa
rseTypeAlias(t)}if(this.isContextual("opaque")){e.exportKind="type";const t=this.startNode();return
this.next(),this.flowParseOpaqueType(t,!1)}if(this.isContextual("interface")){e.exportKind="type";const
t=this.startNode();return
this.next(),this.flowParseInterface(t)}if(this.shouldParseEnums())&&this.isContextual("enum")){e.exportKind="valu
e";const t=this.startNode();return this.next(),this.flowParseEnumDeclaration(t)}return
super.parseExportDeclaration(e)}eatExportStar(e){ return!!super.eatExportStar(...arguments)||(!this.isContextual("t
ype")||this.lookahead().type!==o.star)&&(e.exportKind="type",this.next(),this.next(),!0)}maybeParseExportNamesp
aceSpecifier(e){ const t=this.state.start,r=super.maybeParseExportNamespaceSpecifier(e);return
r&&"type"===e.exportKind&&this.unexpected(t,r)}parseClassId(e,t,r){ super.parseClassId(e,t,r),this.isRelational("<
")&&(e.typeParameters=this.flowParseTypeParameterDeclaration())}parseClassMember(e,t,r){ const
n=this.state.start;if(this.isContextual("declare")){ if(this.parseClassMemberFromModifier(e,t))return;t.declare=!0}su
per.parseClassMember(e,t,r),t.declare&&("ClassProperty"!==t.type&&"ClassPrivateProperty"!==t.type?this.raise(n,
V.DeclareClassElement):t.value&&this.raise(t.value.start,V.DeclareClassFieldInitializer))}getTokenFromCode(e){c
onst t=this.input.charCodeAt(this.state.pos+1);return

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123===e&&124===t?this.finishOp(o.braceBarL,2):!this.state.inType||62!===e&&60!===e?this.state.inType&&63===e?this.finishOp(o.question,1):function(e,t){return
64===e&&64===t}(e,t)?(this.state.isIterator=!0,super.readWord()):super.getTokenFromCode(e):this.finishOp(o.rela
tional,1)}isAssignable(e,t){switch(e.type){case"Identifier":case"ObjectPattern":case"ArrayPattern":case"Assignme
ntPattern":return!0;case"ObjectExpression":{const t=e.properties.length-1;return
e.properties.every((e,r)=>"ObjectMethod"!==e.type&&(r===t||"SpreadElement"===e.type)&&this.isAssignable(e))
}case"ObjectProperty":return this.isAssignable(e.value);case"SpreadElement":return
this.isAssignable(e.argument);case"ArrayExpression":return
e.elements.every(e=>this.isAssignable(e));case"AssignmentExpression":return"="===e.operator;case"Parenthesized
Expression":case"TypeCastExpression":return
this.isAssignable(e.expression);case"MemberExpression":case"OptionalMemberExpression":return!t;default:return!
1}}toAssignable(e){return"TypeCastExpression"===e.type?super.toAssignable(this.typeCastToParameter(e)):super.
toAssignable(e)}toAssignableList(e,t){for(let t=0;t<e.length;t++){const
r=e[t];"TypeCastExpression"===e.type?(null===r?void 0:r.type)&&(e[t]=this.typeCastToParameter(r))return
super.toAssignableList(e,t)}toReferencedList(e,t){for(let n=0;n<e.length;n++){var r;const
i=e[n];i&&"TypeCastExpression"===i.type&&!(null==(r=i.extra)?void
0:r.parenthesized)&&(e.length>1||!t)&&this.raise(i.typeAnnotation.start,V.TypeCastInParameter)}return
e}parseArrayLike(e,t,r,n){const i=super.parseArrayLike(e,t,r,n);return
t&&!this.state.maybeInArrowParameters&&this.toReferencedList(i.elements,i)}checkLVal(e,t=64,r,n){if("TypeCas
tExpression"!==e.type)return super.checkLVal(e,t,r,n)}parseClassProperty(e){return
this.match(o.colon)&&(e.typeAnnotation=this.flowParseTypeAnnotation()),super.parseClassProperty(e)}parseClass
PrivateProperty(e){return
this.match(o.colon)&&(e.typeAnnotation=this.flowParseTypeAnnotation()),super.parseClassPrivateProperty(e)}isC
lassMethod(){return this.isRelational("<")||super.isClassMethod()}isClassProperty(){return
this.match(o.colon)||super.isClassProperty()}isNonstaticConstructor(e){return!this.match(o.colon)&&super.isNonsta
ticConstructor(e)}pushClassMethod(e,t,r,n,i,s){t.variance&&this.unexpected(t.variance.start),delete
t.variance,this.isRelational("<")&&(t.typeParameters=this.flowParseTypeParameterDeclaration()),super.pushClass
Method(e,t,r,n,i,s)}pushClassPrivateMethod(e,t,r,n){t.variance&&this.unexpected(t.variance.start),delete
t.variance,this.isRelational("<")&&(t.typeParameters=this.flowParseTypeParameterDeclaration()),super.pushClassP
rivateMethod(e,t,r,n)}parseClassSuper(e){if(super.parseClassSuper(e),e.superClass&&this.isRelational("<")&&(e.s
uperTypeParameters=this.flowParseTypeParameterInstantiation()),this.isContextual("implements")){this.next();cons
t t=e.implements=[];do{const
e=this.startNode();e.id=this.flowParseRestrictedIdentifier(!0),this.isRelational("<")?e.typeParameters=this.flowPars
eTypeParameterInstantiation():e.typeParameters=null,t.push(this.finishNode(e,"ClassImplements"))}while(this.eat(o
.comma))}parsePropertyName(e,t){const r=this.flowParseVariance(),n=super.parsePropertyName(e,t);return
e.variance=r,n}parseObjPropValue(e,t,r,n,i,s,a,l){let c;e.variance&&this.unexpected(e.variance.start),delete
e.variance,this.isRelational("<")&&!a&&(c=this.flowParseTypeParameterDeclaration(),this.match(o.parenL)||this.u
nexpected()),super.parseObjPropValue(e,t,r,n,i,s,a,l),c&&((e.value||e).typeParameters=c)}parseAssignableListItemT
ypes(e){return
this.eat(o.question)&&("Identifier"!==e.type&&this.raise(e.start,V.OptionalBindingPattern),e.optional=!0),this.mat
ch(o.colon)&&(e.typeAnnotation=this.flowParseTypeAnnotation()),this.resetEndLocation(e),e}parseMaybeDefault(
e,t,r){const
n=super.parseMaybeDefault(e,t,r);return"AssignmentPattern"===n.type&&n.typeAnnotation&&n.right.start<n.type
Annotation.start&&this.raise(n.typeAnnotation.start,V.TypeBeforeInitializer),n}shouldParseDefaultImport(e){retur
n
K(e)?q(this.state):super.shouldParseDefaultImport(e)}parseImportSpecifierLocal(e,t,r,n){t.local=K(e)?this.flowPars
eRestrictedIdentifier(!0,!0):this.parseIdentifier(),this.checkLVal(t.local,9,void
0,n),e.specifiers.push(this.finishNode(t,r))}maybeParseDefaultImportSpecifier(e){e.importKind="value";let

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t=null;if(this.match(o._typeof)?t="typeof":this.isContextual("type")&&(t="type"),t){ const
r=this.lookahead();"type"===t&&r.type===o.star&&this.unexpected(r.start),(q(r)||r.type===o.braceL||r.type===o.st
ar)&&(this.next(),e.importKind=t)}return
super.maybeParseDefaultImportSpecifier(e)}parseImportSpecifier(e){ const
t=this.startNode(),r=this.state.start,n=this.parseModuleExportName();let
i=null;"Identifier"===n.type&&("type"===n.name?i="type":"typeof"===n.name&&(i="typeof"));let
s=!1;if(this.isContextual("as")&&!this.isLookaheadContextual("as")){ const
e=this.parseIdentifier(!0);null===i||this.match(o.name)||this.state.type.keyword?(t.imported=n,t.importKind=null,t.lo
cal=this.parseIdentifier():)(t.imported=e,t.importKind=i,t.local=e.__clone())}else
if(null!==i&&(this.match(o.name)||this.state.type.keyword))t.imported=this.parseIdentifier(!0),t.importKind=i,this.e
atContextual("as"?t.local=this.parseIdentifier():(s=!0,t.local=t.imported.__clone());else{if("StringLiteral"===n.type
)}throw
this.raise(t.start,y.ImportBindingIsString,n.value);s=!0,t.imported=n,t.importKind=null,t.local=t.imported.__clone()
}const
a=K(e),l=K(t);a&&l&&this.raise(r,V.ImportTypeShorthandOnlyInPureImport),(a||l)&&this.checkReservedType(t.l
ocal.name,t.local.start,!0),!s||a||l||this.checkReservedWord(t.local.name,t.start,!0,!0),this.checkLVal(t.local,9,void
0,"import specifier"),e.specifiers.push(this.finishNode(t,"ImportSpecifier"))}parseFunctionParams(e,t){ const
r=e.kind;"get"!==r&&"set"!==r&&this.isRelational("<")&&(e.typeParameters=this.flowParseTypeParameterDeclar
ation()),super.parseFunctionParams(e,t)}parseVarId(e,t){super.parseVarId(e,t),this.match(o.colon)&&(e.id.typeAnn
otation=this.flowParseTypeAnnotation(),this.resetEndLocation(e.id))}parseAsyncArrowFromCallExpression(e,t){ if
(this.match(o.colon)){ const
t=this.state.noAnonFunctionType;this.state.noAnonFunctionType=!0,e.returnType=this.flowParseTypeAnnotation()
,this.state.noAnonFunctionType=t}return
super.parseAsyncArrowFromCallExpression(e,t)}shouldParseAsyncArrow(){ return
this.match(o.colon)||super.shouldParseAsyncArrow()}parseMaybeAssign(e,t,r){ var n;let
i,s=null;if(this.hasPlugin("jsx")&&(this.match(o.jsxTagStart)||this.isRelational("<"))){ if(s=this.state.clone(),i=this.tr
yParse(=>super.parseMaybeAssign(e,t,r),s),!i.error)return i.node;const{ context:n}=this.state;n[n.length-
1]===g.j_oTag?n.length-=2:n[n.length-1]===g.j_expr&&(n.length-=1)}if((null==(n=i)?void
0:n.error)||this.isRelational("<")){ var a,l;let n;s=s||this.state.clone();const o=this.tryParse(i=>{ var
s;n=this.flowParseTypeParameterDeclaration();const a=this.forwardNoArrowParamsConversionAt(n,())=>{ const
i=super.parseMaybeAssign(e,t,r);return
this.resetStartLocationFromNode(i,n,i)};"ArrowFunctionExpression"!==a.type&&(null==(s=a.extra)?void
0:s.parenthesized)&&i);const o=this.maybeUnwrapTypeCastExpression(a);return
o.typeParameters=n,this.resetStartLocationFromNode(o,n,a),s);let
c=null;if(o.node&&"ArrowFunctionExpression"===this.maybeUnwrapTypeCastExpression(o.node).type){ if(!o.erro
r&&!o.aborted)return
o.node.async&&this.raise(n.start,V.UnexpectedTypeParameterBeforeAsyncArrowFunction),o.node;c=o.node}if(nul
l==(a=i)?void 0:a.node)return this.state=i.failState,i.node;if(c)return this.state=o.failState,c;if(null==(l=i)?void
0:l.thrown)throw i.error;if(o.thrown)throw o.error;throw
this.raise(n.start,V.UnexpectedTokenAfterTypeParameter)}return
super.parseMaybeAssign(e,t,r)}parseArrow(e){ if(this.match(o.colon)){ const t=this.tryParse(=>{ const
t=this.state.noAnonFunctionType;this.state.noAnonFunctionType=!0;const
r=this.startNode();return[r.typeAnnotation,e.predicate]=this.flowParseTypeAndPredicateInitialiser(),this.state.noAn
onFunctionType=t,this.canInsertSemicolon()&&this.unexpected(),this.match(o.arrow)||this.unexpected(),r});if(t.thro
wn)return
null;t.error&&(this.state=t.failState),e.returnType=t.node.typeAnnotation?this.finishNode(t.node,"TypeAnnotation")
:null}return super.parseArrow(e)}shouldParseArrow(){ return
this.match(o.colon)||super.shouldParseArrow()}setArrowFunctionParameters(e,t){ -

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1 !==this.state.noArrowParamsConversionAt.indexOf(e.start)?e.params=t.super.setArrowFunctionParameters(e,t)}c
heckParams(e,t,r){if(!r|-1===this.state.noArrowParamsConversionAt.indexOf(e.start))return
super.checkParams(...arguments)}parseParenAndDistinguishExpression(e){return
super.parseParenAndDistinguishExpression(e&&-
1===this.state.noArrowAt.indexOf(this.state.start))}parseSubscripts(e,t,r,n){if("Identifier"===e.type&&"async"===
e.name&&-1!==this.state.noArrowAt.indexOf(t)){this.next();const
n=this.startNodeAt(t,r);n.callee=e,n.arguments=this.parseCallExpressionArguments(o.parenR,!1),e=this.finishNode(
n,"CallExpression")}else if("Identifier"===e.type&&"async"===e.name&&this.isRelational("<")){const
i=this.state.clone(),s=this.tryParse(e=>this.parseAsyncArrowWithTypeParameters(t,r)||e(),i);if(!s.error&&!s.aborted
)return s.node;const a=this.tryParse(=>super.parseSubscripts(e,t,r,n),i);if(a.node&&!a.error)return
a.node;if(s.node)return this.state=s.failState,s.node;if(a.node)return this.state=a.failState,a.node;throw
s.error||a.error}return
super.parseSubscripts(e,t,r,n)}parseSubscript(e,t,r,n,i){if(this.match(o.questionDot)&&this.isLookaheadToken_It())
{if(i.optionalChainMember=!0,n)return i.stop=!0,e,this.next();const s=this.startNodeAt(t,r);return
s.callee=e,s.typeArguments=this.flowParseTypeParameterInstantiation(),this.expect(o.parenL),s.arguments=this.par
seCallExpressionArguments(o.parenR,!1),s.optional=!0,this.finishCallExpression(s,!0)}if(!n&&this.shouldParseTyp
es())&&this.isRelational("<")){const n=this.startNodeAt(t,r);n.callee=e;const
s=this.tryParse(=>(n.typeArguments=this.flowParseTypeParameterInstantiationCallOrNew(),this.expect(o.parenL)
,n.arguments=this.parseCallExpressionArguments(o.parenR,!1),i.optionalChainMember&&(n.optional=!1),this.finis
hCallExpression(n,i.optionalChainMember)));if(s.node)return s.error&&(this.state=s.failState),s.node}return
super.parseSubscript(e,t,r,n,i)}parseNewArguments(e){let
t=null;this.shouldParseTypes()&&this.isRelational("<")&&(t=this.tryParse(=>this.flowParseTypeParameterInstant
iationCallOrNew()).node),e.typeArguments=t,super.parseNewArguments(e)}parseAsyncArrowWithTypeParameter
s(e,t){const r=this.startNodeAt(e,t);if(this.parseFunctionParams(r),this.parseArrow(r))return
this.parseArrowExpression(r,void 0,!0)}readToken_mult_modulo(e){const
t=this.input.charCodeAt(this.state.pos+1);if(42===e&&47===t&&this.state.hasFlowComment)return
this.state.hasFlowComment=!1,this.state.pos+=2,void
this.nextToken();super.readToken_mult_modulo(e)}readToken_pipe_amp(e){const
t=this.input.charCodeAt(this.state.pos+1);124!==(e||125!==(t?super.readToken_pipe_amp(e):this.finishOp(o.braceBar
R,2))}parseTopLevel(e,t){const r=super.parseTopLevel(e,t);return
this.state.hasFlowComment&&this.raise(this.state.pos,V.UnterminatedFlowComment),r}skipBlockComment(){if(th
is.hasPlugin("flowComments")&&this.skipFlowComment())return
this.state.hasFlowComment&&this.unexpected(null,V.NestedFlowComment),this.hasFlowCommentCompletion(),t
his.state.pos+=this.skipFlowComment(),void(this.state.hasFlowComment=!0);if(this.state.hasFlowComment){const
e=this.input.indexOf("*/",this.state.pos+=2);if(-1===e)throw this.raise(this.state.pos-
2,y.UnterminatedComment);this.state.pos=e+3}else
super.skipBlockComment()}skipFlowComment(){const{pos:e}=this.state;let
t=2;for(;[32,9].includes(this.input.charCodeAt(e+t));t++);const
r=this.input.charCodeAt(t+e),n=this.input.charCodeAt(t+e+1);return 58===r&&58===n?t+2:"flow-
include"===this.input.slice(t+e,t+e+12)?t+12:58===r&&58!==(n&&t)}hasFlowCommentCompletion(){if(-
1===this.input.indexOf("*/",this.state.pos))throw
this.raise(this.state.pos,y.UnterminatedComment)}flowEnumErrorBooleanMemberNotInitialized(e,{enumName:t,m
emberName:r}){this.raise(e,V.EnumBooleanMemberNotInitialized,r,t)}flowEnumErrorInvalidMemberName(e,{en
umName:t,memberName:r}){const
n=r[0].toUpperCase()+r.slice(1);this.raise(e,V.EnumInvalidMemberName,r,n,t)}flowEnumErrorDuplicateMemberN
ame(e,{enumName:t,memberName:r}){this.raise(e,V.EnumDuplicateMemberName,r,t)}flowEnumErrorInconsisten
tMemberValues(e,{enumName:t}){this.raise(e,V.EnumInconsistentMemberValues,t)}flowEnumErrorInvalidExplici
tType(e,{enumName:t,suppliedType:r}){return

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this.raise(e,null===r?V.EnumInvalidExplicitTypeUnknownSupplied:V.EnumInvalidExplicitType,t,r)}flowEnumErr
orInvalidMemberInitializer(e,{enumName:t,explicitType:r,memberName:n}){let
i=null;switch(r){case"boolean":case"number":case"string":i=V.EnumInvalidMemberInitializerPrimaryType;break;ca
se"symbol":i=V.EnumInvalidMemberInitializerSymbolType;break;default:i=V.EnumInvalidMemberInitializerUnk
nownType}return
this.raise(e,i,t,n,r)}flowEnumErrorNumberMemberNotInitialized(e,{enumName:t,memberName:r}){this.raise(e,V.E
numNumberMemberNotInitialized,t,r)}flowEnumErrorStringMemberInconsistentlyInitailized(e,{enumName:t}){thi
s.raise(e,V.EnumStringMemberInconsistentlyInitailized,t)}flowEnumMemberInit(){const
e=this.state.start,t=(()=>this.match(o.comma)||this.match(o.braceR));switch(this.state.type){case o.num:{const
r=this.parseLiteral(this.state.value,"NumericLiteral");return
t(){type:"number",pos:r.start,value:r}:{type:"invalid",pos:e}}case o.string:{const
r=this.parseLiteral(this.state.value,"StringLiteral");return
t(){type:"string",pos:r.start,value:r}:{type:"invalid",pos:e}}case o._true:case o._false:{const
r=this.parseBooleanLiteral();return
t(){type:"boolean",pos:r.start,value:r}:{type:"invalid",pos:e}}default:return{type:"invalid",pos:e}}flowEnumMe
mberRaw(){const
e=this.state.start;return{id:this.parseIdentifier(!),init:this.eat(o.eq)?this.flowEnumMemberInit():{type:"none",pos:e
}}flowEnumCheckExplicitTypeMismatch(e,t,r){const{explicitType:n}=t,null!==(n&&e)!==(r&&this.flowEnumError
InvalidMemberInitializer(e,t))flowEnumMembers({enumName:e,explicitType:t}){const r=new
Set,n={booleanMembers:[],numberMembers:[],stringMembers:[],defaultedMembers:[]};for(;!this.match(o.braceR);)
{const i=this.startNode(),{id:s,init:a}=this.flowEnumMemberRaw(),l=s.name;if("===l)continue;/^[a-
z]/.test(l)&&this.flowEnumErrorInvalidMemberName(s.start,{enumName:e,memberName:l}),r.has(l)&&this.flowE
numErrorDuplicateMemberName(s.start,{enumName:e,memberName:l}),r.add(l);const
c={enumName:e,explicitType:t,memberName:l};switch(i.id=s,a.type){case"boolean":this.flowEnumCheckExplicit
TypeMismatch(a.pos,c,"boolean"),i.init=a.value,n.booleanMembers.push(this.finishNode(i,"EnumBooleanMember"
));break;case"number":this.flowEnumCheckExplicitTypeMismatch(a.pos,c,"number"),i.init=a.value,n.numberMemb
ers.push(this.finishNode(i,"EnumNumberMember"));break;case"string":this.flowEnumCheckExplicitTypeMismatch
(a.pos,c,"string"),i.init=a.value,n.stringMembers.push(this.finishNode(i,"EnumStringMember"));break;case"invalid"
:throw
this.flowEnumErrorInvalidMemberInitializer(a.pos,c);case"none":switch(t){case"boolean":this.flowEnumErrorBoo
leanMemberNotInitialized(a.pos,c);break;case"number":this.flowEnumErrorNumberMemberNotInitialized(a.pos,c);
break;default:n.defaultedMembers.push(this.finishNode(i,"EnumDefaultedMember"))}}this.match(o.braceR)||this.e
xpect(o.comma)}return n}flowEnumStringMembers(e,t,{enumName:r}){if(0===e.length)return
t;if(0===t.length)return e;if(t.length>e.length){for(let t=0;t<e.length;t++){const
n=e[t];this.flowEnumErrorStringMemberInconsistentlyInitailized(n.start,{enumName:r})}return t}for(let
e=0;e<t.length;e++){const
n=t[e];this.flowEnumErrorStringMemberInconsistentlyInitailized(n.start,{enumName:r})}return
e}flowEnumParseExplicitType({enumName:e}){if(this.eatContextual("of")){if(!this.match(o.name))throw
this.flowEnumErrorInvalidExplicitType(this.state.start,{enumName:e,suppliedType:null});const{value:t}=this.state;
return
this.next(),"boolean"!==t&&"number"!==t&&"string"!==t&&"symbol"!==t&&this.flowEnumErrorInvalidExplicit
Type(this.state.start,{enumName:e,suppliedType:t}),t}return
null}flowEnumBody(e,{enumName:t,nameLoc:r}){const
n=this.flowEnumParseExplicitType({enumName:t});this.expect(o.braceL);const
i=this.flowEnumMembers({enumName:t,explicitType:n});switch(n){case"boolean":return
e.explicitType=!0,e.members=i.booleanMembers,this.expect(o.braceR),this.finishNode(e,"EnumBooleanBody");cas
e"number":return
e.explicitType=!0,e.members=i.numberMembers,this.expect(o.braceR),this.finishNode(e,"EnumNumberBody");cas

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e"string":return
e.explicitType=!0,e.members=this.flowEnumStringMembers(i.stringMembers,i.defaultedMembers,{enumName:t}),
this.expect(o.braceR),this.finishNode(e,"EnumStringBody");case"symbol":return
e.members=i.defaultedMembers,this.expect(o.braceR),this.finishNode(e,"EnumSymbolBody");default:{const
n=(e=>(e.members=[],this.expect(o.braceR),this.finishNode(e,"EnumStringBody")));e.explicitType=!1;const
s=i.booleanMembers.length,a=i.numberMembers.length,l=i.stringMembers.length,c=i.defaultedMembers.length;if(s
||a||l||c){if(s||a){if(!a&&!l&&s>=c){for(let e=0,r=i.defaultedMembers;e<r.length;e++){const
n=r[e];this.flowEnumErrorBooleanMemberNotInitialized(n.start,{enumName:t,memberName:n.id.name})}return
e.members=i.booleanMembers,this.expect(o.braceR),this.finishNode(e,"EnumBooleanBody")}if(!s&&!l&&a>=c){f
or(let e=0,r=i.defaultedMembers;e<r.length;e++){const
n=r[e];this.flowEnumErrorNumberMemberNotInitialized(n.start,{enumName:t,memberName:n.id.name})}return
e.members=i.numberMembers,this.expect(o.braceR),this.finishNode(e,"EnumNumberBody")}return
this.flowEnumErrorInconsistentMemberValues(r,{enumName:t}),n()}return
e.members=this.flowEnumStringMembers(i.stringMembers,i.defaultedMembers,{enumName:t}),this.expect(o.brace
R),this.finishNode(e,"EnumStringBody")}return n()}}flowParseEnumDeclaration(e){const
t=this.parseIdentifier();return
e.id=t,e.body=this.flowEnumBody(this.startNode(),{enumName:t.name,nameLoc:t.start}),this.finishNode(e,"Enum
Declaration")}updateContext(e){this.match(o.name)&&"of"===this.state.value&&e===o.name&&"interface"===t
his.input.slice(this.state.lastTokStart,this.state.lastTokEnd)?this.state.exprAllowed=!1:super.updateContext(e)}isLoo
kaheadToken_lt(){const e=this.nextTokenStart();if(60===this.input.charCodeAt(e)){const
t=this.input.charCodeAt(e+1);return
60!==t&&61!==t}return!1}maybeUnwrapTypeCastExpression(e){return"TypeCastExpression"===e.type?e.express
ion:e}},typescript:e=>class extends e{getScopeHandler(){return te}tsIsIdentifier(){return
this.match(o.name)}tsNextTokenCanFollowModifier(){return
this.next(),!(this.hasPrecedingLineBreak()||this.match(o.parenL)||this.match(o.parenR)||this.match(o.colon)||this.matc
h(o.eq)||this.match(o.question)||this.match(o.bang))}tsParseModifier(e){if(!this.match(o.name))return;const
t=this.state.value;return-1!==e.indexOf(t)&&this.tsTryParse(this.tsNextTokenCanFollowModifier.bind(this))?t:void
0}tsParseModifiers(e,t){for(;;){const
r=this.state.start,n=this.tsParseModifier(t);if(!n)break;Object.hasOwnProperty.call(e,n)&&this.raise(r,ae.DuplicateM
odifier,n),e[n]=!0}tsIsListTerminator(e){switch(e){case"EnumMembers":case"TypeMembers":return
this.match(o.braceR);case"HeritageClauseElement":return this.match(o.braceL);case"TupleElementTypes":return
this.match(o.bracketR);case"TypeParametersOrArguments":return this.isRelational(">")}throw new
Error("Unreachable")}tsParseList(e,t){const r=[];for(;!this.tsIsListTerminator(e);)r.push(t());return
r}tsParseDelimitedList(e,t){return
ie(this.tsParseDelimitedListWorker(e,t,!0))}tsParseDelimitedListWorker(e,t,r){const
n=[];for(;!this.tsIsListTerminator(e);){const
i=t();if(null===i)return;if(n.push(i),!this.eat(o.comma)){if(this.tsIsListTerminator(e))break;return
void(r&&this.expect(o.comma))}}return
n}tsParseBracketedList(e,t,r,n){n||(r?this.expect(o.bracketL):this.expectRelational("<"));const
i=this.tsParseDelimitedList(e,t);return
r?this.expect(o.bracketR):this.expectRelational(">"),i}tsParseImportType(){const e=this.startNode();return
this.expect(o._import),this.expect(o.parenL),this.match(o.string)||this.raise(this.state.start,ae.UnsupportedImportTyp
eArgument),e.argument=this.parseExprAtom(),this.expect(o.parenR),this.eat(o.dot)&&(e.qualifier=this.tsParseEntit
yName(!0)),this.isRelational("<")&&(e.typeParameters=this.tsParseTypeArguments()),this.finishNode(e,"TSImport
Type")}tsParseEntityName(e){let t=this.parseIdentifier();for(;this.eat(o.dot);){const
r=this.startNodeAtNode(t);r.left=t,r.right=this.parseIdentifier(e),t=this.finishNode(r,"TSQualifiedName")}return
t}tsParseTypeReference(){const e=this.startNode();return
e.typeName=this.tsParseEntityName(!1),!this.hasPrecedingLineBreak()&&this.isRelational("<")&&(e.typeParamet

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ers=this.tsParseTypeArguments(),this.finishNode(e,"TSTypeReference"))tsParseThisTypePredicate(e){this.next();
const t=this.startNodeAtNode(e);return
t.parameterName=e,t.typeAnnotation=this.tsParseTypeAnnotation(!1),this.finishNode(t,"TSTypePredicate")}tsParse
ThisTypeNode(){const e=this.startNode();return
this.next(),this.finishNode(e,"TSThisType")}tsParseTypeQuery(){const e=this.startNode();return
this.expect(o._typeof),this.match(o._import)?e.exprName=this.tsParseImportType():e.exprName=this.tsParseEntity
Name(!0),this.finishNode(e,"TSTypeQuery")}tsParseTypeParameter(){const e=this.startNode();return
e.name=this.parseIdentifierName(e.start),e.constraint=this.tsEatThenParseType(o._extends),e.default=this.tsEatThe
nParseType(o.eq),this.finishNode(e,"TSTypeParameter")}tsTryParseTypeParameters(){if(this.isRelational("<"))retu
rn this.tsParseTypeParameters()}tsParseTypeParameters(){const e=this.startNode();return
this.isRelational("<")||this.match(o.jsxTagStart)?this.next():this.unexpected(),e.params=this.tsParseBracketedList("T
ypeParametersOrArguments",this.tsParseTypeParameter.bind(this),!1,!0),0===e.params.length&&this.raise(e.start,a
e.EmptyTypeParameters),this.finishNode(e,"TSTypeParameterDeclaration")}tsTryNextParseConstantContext(){ret
urn this.lookahead().type===o._const?(this.next(),this.tsParseTypeReference()):null}tsFillSignature(e,t){const
r=e===o.arrow;t.typeParameters=this.tsTryParseTypeParameters(),this.expect(o.parenL),t.parameters=this.tsParseBi
ndingListForSignature(),(r||this.match(e))&&(t.typeAnnotation=this.tsParseTypeOrTypePredicateAnnotation(e))}ts
ParseBindingListForSignature(){return
this.parseBindingList(o.parenR,41).map(e=>("Identifier"!==e.type&&"RestElement"!==e.type&&"ObjectPattern"
===e.type&&"ArrayPattern"!==e.type&&this.raise(e.start,ae.UnsupportedSignatureParameterKind,e.type),e))}tsPars
eTypeMemberSemicolon(){this.eat(o.comma)||this.semicolon()}tsParseSignatureMember(e,t){return
this.tsFillSignature(o.colon,t),this.tsParseTypeMemberSemicolon(),this.finishNode(t,e)}tsIsUnambiguouslyIndexSi
gnature(){return
this.next(),this.eat(o.name)&&this.match(o.colon)}tsTryParseIndexSignature(e){if(!this.match(o.bracketL)||!this.tsL
ookAhead(this.tsIsUnambiguouslyIndexSignature.bind(this)))return;this.expect(o.bracketL);const
t=this.parseIdentifier();t.typeAnnotation=this.tsParseTypeAnnotation(),this.resetEndLocation(t),this.expect(o.bracke
tR),e.parameters=[t];const r=this.tsTryParseTypeAnnotation();return
r&&(e.typeAnnotation=r),this.tsParseTypeMemberSemicolon(),this.finishNode(e,"TSIndexSignature")}tsParseProp
ertyOrMethodSignature(e,t){this.eat(o.question)&&(e.optional=!0);const
r=e;if(t||!this.match(o.parenL)&&!this.isRelational("<")){const e=r;t&&(e.readonly=!0);const
n=this.tsTryParseTypeAnnotation();return
n&&(e.typeAnnotation=n),this.tsParseTypeMemberSemicolon(),this.finishNode(e,"TSPropertySignature")}const
e=r;return
this.tsFillSignature(o.colon,e),this.tsParseTypeMemberSemicolon(),this.finishNode(e,"TSMethodSignature")}tsPar
seTypeMember(){const e=this.startNode();if(this.match(o.parenL)||this.isRelational("<"))return
this.tsParseSignatureMember("TSCallSignatureDeclaration",e);if(this.match(o._new)){const
t=this.startNode();return
this.next(),this.match(o.parenL)||this.isRelational("<")?this.tsParseSignatureMember("TSConstructSignatureDeclara
tion",e):(e.key=this.createIdentifier(t,"new"),this.tsParsePropertyOrMethodSignature(e,!1))}const
t=!this.tsParseModifier(["readonly"]),r=this.tsTryParseIndexSignature(e);return
r?(t&&(e.readonly=!0),r):(this.parsePropertyName(e,!1),this.tsParsePropertyOrMethodSignature(e,t))}tsParseTypeL
iteral(){const e=this.startNode();return
e.members=this.tsParseObjectTypeMembers(),this.finishNode(e,"TSTypeLiteral")}tsParseObjectTypeMembers(){t
his.expect(o.braceL);const e=this.tsParseList("TypeMembers",this.tsParseTypeMember.bind(this));return
this.expect(o.braceR),e}tsIsStartOfMappedType(){return
this.next(),this.eat(o.plusMin)?this.isContextual("readonly"):(this.isContextual("readonly")&&this.next(),!this.matc
h(o.bracketL)&&(this.next(),!this.tsIsIdentifier())&&(this.next(),this.match(o._in))))}tsParseMappedTypeParameter
(){const e=this.startNode();return
e.name=this.parseIdentifierName(e.start),e.constraint=this.tsExpectThenParseType(o._in),this.finishNode(e,"TSTyp

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eParameter") } tsParseMappedType() { const e=this.startNode();return
this.expect(o.braceL),this.match(o.plusMin)?(e.readonly=this.state.value,this.next(),this.expectContextual("readonly
"));this.eatContextual("readonly")&&(e.readonly=!0),this.expect(o.bracketL),e.typeParameter=this.tsParseMappedT
ypeParameter(),e.nameType=this.eatContextual("as")?this.tsParseType():null,this.expect(o.bracketR),this.match(o.p
lusMin)?(e.optional=this.state.value,this.next(),this.expect(o.question)):this.eat(o.question)&&(e.optional=!0),e.type
Annotation=this.tsTryParseType(),this.semicolon(),this.expect(o.braceR),this.finishNode(e,"TSMappedType")} tsPa
rseTupleType() { const
e=this.startNode();e.elementTypes=this.tsParseBracketedList("TupleElementTypes",this.tsParseTupleElementType.
bind(this),!0,!1);let t=!1,r=null;return e.elementTypes.forEach(e=>{ var
n;let { type:i }=e;!t||"TSRestType"===i||"TSOptionalType"===i||"TSNamedTupleMember"===i&&e.optional||this.rai
se(e.start,ae.OptionalTypeBeforeRequired),t=t||"TSNamedTupleMember"===i&&e.optional||"TSOptionalType"===
i,"TSRestType"===i&&(i=(e=e.typeAnnotation).type);const
s="TSNamedTupleMember"===i;r=null!==(n=r)?n:s,r!==(s&&this.raise(e.start,ae.MixedLabeledAndUnlabeledEleme
nts)),this.finishNode(e,"TSTupleType")} tsParseTupleElementType() { const { start:e,startLoc:t }=this.state,r=this.eat(
o.ellipsis);let n=this.tsParseType();const i=this.eat(o.question);if(this.eat(o.colon)) { const
e=this.startNodeAtNode(n);e.optional=i,"TSTypeReference"!==n.type||n.typeParameters||"Identifier"!==n.typeNam
e.type?(this.raise(n.start,ae.InvalidTupleMemberLabel),e.label=n):e.label=n.typeName,e.elementType=this.tsParseT
ype(),n=this.finishNode(e,"TSNamedTupleMember")} else if(i) { const
e=this.startNodeAtNode(n);e.typeAnnotation=n,n=this.finishNode(e,"TSOptionalType")} if(r) { const
r=this.startNodeAt(e,t);r.typeAnnotation=n,n=this.finishNode(r,"TSRestType")} return
n } tsParseParenthesizedType() { const e=this.startNode();return
this.expect(o.parenL),e.typeAnnotation=this.tsParseType(),this.expect(o.parenR),this.finishNode(e,"TSParenthesize
dType")} tsParseFunctionOrConstructorType(e) { const
t=this.startNode();return "TSConstructorType"===e&&this.expect(o._new),this.tsFillSignature(o.arrow,t),this.finish
Node(t,e) } tsParseLiteralTypeNode() { const e=this.startNode();return e.literal=(()=>> { switch(this.state.type) { case
o.num:case o.bigint:case o.string:case o._true:case o._false:return this.parseExprAtom();default:throw
this.unexpected() } })(),this.finishNode(e,"TSLiteralType")} tsParseTemplateLiteralType() { const
e=this.startNode();return
e.literal=this.parseTemplate(!1),this.finishNode(e,"TSLiteralType")} parseTemplateSubstitution() { return
this.state.inType?this.tsParseType():super.parseTemplateSubstitution() } tsParseThisTypeOrThisTypePredicate() { con
st e=this.tsParseThisTypeNode();return
this.isContextual("is")&&!this.hasPrecedingLineBreak()?this.tsParseThisTypePredicate(e):e } tsParseNonArrayType
() { switch(this.state.type) { case o.name:case o._void:case o._null: { const
e=this.match(o._void)?"TSVoidKeyword":this.match(o._null)?"TSNullKeyword":function(e) { switch(e) { case "any":r
eturn "TSAnyKeyword";case "boolean":return "TSBooleanKeyword";case "bigint":return "TSBigIntKeyword";case "ne
ver":return "TSNeverKeyword";case "number":return "TSNumberKeyword";case "object":return "TSObjectKeyword";
case "string":return "TSStringKeyword";case "symbol":return "TSSymbolKeyword";case "undefined":return "TSUndefi
nedKeyword";case "unknown":return "TSUnknownKeyword";default:return } } (this.state.value);if(void
0!==(e&&46)===this.lookaheadCharCode()) { const t=this.startNode();return this.next(),this.finishNode(t,e) } return
this.tsParseTypeReference() } case o.string:case o.num:case o.bigint:case o._true:case o._false:return
this.tsParseLiteralTypeNode();case o.plusMin:if("-"===this.state.value) { const
e=this.startNode(),t=this.lookahead();if(t.type!==o.num&&t.type!==o.bigint)throw this.unexpected();return
e.literal=this.parseMaybeUnary(),this.finishNode(e,"TSLiteralType")} break;case o._this:return
this.tsParseThisTypeOrThisTypePredicate();case o._typeof:return this.tsParseTypeQuery();case o._import:return
this.tsParseImportType();case o.braceL:return
this.tsLookAhead(this.tsIsStartOfMappedType.bind(this))?this.tsParseMappedType():this.tsParseTypeLiteral();case
o.bracketL:return this.tsParseTupleType();case o.parenL:return this.tsParseParenthesizedType();case
o.backQuote:return this.tsParseTemplateLiteralType() } throw this.unexpected() } tsParseArrayTypeOrHigher() { let

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e=this.tsParseNonArrayType();for(;!this.hasPrecedingLineBreak()&&this.eat(o.bracketL));if(this.match(o.bracketR)
){const
t=this.startNodeAtNode(e);t.elementType=e,this.expect(o.bracketR),e=this.finishNode(t,"TSArrayType")}else{cons
t
t=this.startNodeAtNode(e);t.objectType=e,t.indexType=this.tsParseType(),this.expect(o.bracketR),e=this.finishNode
e(t,"TSIndexedAccessType")}return e}tsParseTypeOperator(e){const t=this.startNode();return
this.expectContextual(e),t.operator=e,t.typeAnnotation=this.tsParseTypeOperatorOrHigher(),"readonly"===e&&thi
s.tsCheckTypeAnnotationForReadOnly(t),this.finishNode(t,"TSTypeOperator")}tsCheckTypeAnnotationForReadOnly
only(e){switch(e.typeAnnotation.type){case"TSTupleType":case"TSArrayType":return;default:this.raise(e.start,ae.U
nexpectedReadOnly)}tsParseInferType(){const e=this.startNode();this.expectContextual("infer");const
t=this.startNode();return
t.name=this.parseIdentifierName(t.start),e.typeParameter=this.finishNode(t,"TSTypeParameter"),this.finishNode(e,"
TSInferType")}tsParseTypeOperatorOrHigher(){const
e=["keyof","unique","readonly"].find(e=>this.isContextual(e));return
e?this.tsParseTypeOperator(e):this.isContextual("infer"?this.tsParseInferType():this.tsParseArrayTypeOrHigher())t
sParseUnionOrIntersectionType(e,t,r){this.eat(r);let n=t();if(this.match(r)){const
i=[n];for(;this.eat(r);)i.push(t());const s=this.startNodeAtNode(n);s.types=i,n=this.finishNode(s,e)}return
n}tsParseIntersectionTypeOrHigher(){return
this.tsParseUnionOrIntersectionType("TSIntersectionType",this.tsParseTypeOperatorOrHigher.bind(this),o.bitwise
AND)}tsParseUnionTypeOrHigher(){return
this.tsParseUnionOrIntersectionType("TSUnionType",this.tsParseIntersectionTypeOrHigher.bind(this),o.bitwiseOR
)}tsIsStartOfFunctionType(){return!this.isRelational("<")||this.match(o.parenL)&&this.tsLookAhead(this.tsIsUnam
biguouslyStartOfFunctionType.bind(this))}tsSkipParameterStart(){if(this.match(o.name)||this.match(o._this))return
this.next(),!0;if(this.match(o.braceL)){let
e=1;for(this.next();e>0;)this.match(o.braceL)?++e:this.match(o.braceR)&&--
e,this.next();return!0}if(this.match(o.bracketL)){let
e=1;for(this.next();e>0;)this.match(o.bracketL)?++e:this.match(o.bracketR)&&--
e,this.next();return!0}return!1}tsIsUnambiguouslyStartOfFunctionType(){if(this.next(),this.match(o.parenR)||this.m
atch(o.ellipsis))return!0;if(this.tsSkipParameterStart()){if(this.match(o.colon)||this.match(o.comma)||this.match(o.qu
estion)||this.match(o.eq))return!0;if(this.match(o.parenR)&&(this.next(),this.match(o.arrow)))return!0}return!1}tsPa
rseTypeOrTypePredicateAnnotation(e){return this.tsInType(=>{const t=this.startNode();this.expect(e);const
r=!this.tsTryParse(this.tsParseTypePredicateAsserts.bind(this));if(r&&this.match(o._this)){let
e=this.tsParseThisTypeOrThisTypePredicate();if("TSThisType"===e.type){const
r=this.startNodeAtNode(t);r.parameterName=e,r.asserts=!0,e=this.finishNode(r,"TSTypePredicate")}else
e.asserts=!0;return t.typeAnnotation=e,this.finishNode(t,"TSTypeAnnotation")}const
n=this.tsIsIdentifier()&&this.tsTryParse(this.tsParseTypePredicatePrefix.bind(this));if(!n){if(!r)return
this.tsParseTypeAnnotation(!1,t);const e=this.startNodeAtNode(t);return
e.parameterName=this.parseIdentifier(),e.asserts=r,t.typeAnnotation=this.finishNode(e,"TSTypePredicate"),this.fini
shNode(t,"TSTypeAnnotation")}const i=this.tsParseTypeAnnotation(!1),s=this.startNodeAtNode(t);return
s.parameterName=n,s.typeAnnotation=i,s.asserts=r,t.typeAnnotation=this.finishNode(s,"TSTypePredicate"),this.fini
shNode(t,"TSTypeAnnotation"))}tsTryParseTypeOrTypePredicateAnnotation(){return
this.match(o.colon)?this.tsParseTypeOrTypePredicateAnnotation(o.colon):void
0}tsTryParseTypeAnnotation(){return this.match(o.colon)?this.tsParseTypeAnnotation():void
0}tsTryParseType(){return this.tsEatThenParseType(o.colon)}tsParseTypePredicatePrefix(){const
e=this.parseIdentifier();if(this.isContextual("is")&&!this.hasPrecedingLineBreak())return
this.next(),e}tsParseTypePredicateAsserts(){if(!this.match(o.name)||"asserts"!==this.state.value||this.hasPrecedingLi
neBreak())return!1;const e=this.state.containsEsc;return
this.next(),!(this.match(o.name)&&!this.match(o._this))&&(e&&this.raise(this.state.lastTokStart,y.InvalidEscaped

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ReservedWord,"asserts"),!0)}tsParseTypeAnnotation(e=!0,t=this.startNode()){return
this.tsInType(()=>{e&&this.expect(o.colon),t.typeAnnotation=this.tsParseType()}),this.finishNode(t,"TSTypeAnno
tation")}tsParseType(){se(this.state.inType);const
e=this.tsParseNonConditionalType();if(this.hasPrecedingLineBreak()||!this.eat(o._extends))return e;const
t=this.startNodeAtNode(e);return
t.checkType=e,t.extendsType=this.tsParseNonConditionalType(),this.expect(o.question),t.trueType=this.tsParseTyp
e(),this.expect(o.colon),t.falseType=this.tsParseType(),this.finishNode(t,"TSConditionalType")}tsParseNonConditio
nalType(){return
this.tsIsStartOfFunctionType()?this.tsParseFunctionOrConstructorType("TSFunctionType"):this.match(o._new)?thi
s.tsParseFunctionOrConstructorType("TSConstructorType"):this.tsParseUnionTypeOrHigher()}tsParseTypeAsserti
on(){const e=this.startNode(),t=this.tsTryNextParseConstantContext();return
e.typeAnnotation=t||this.tsNextThenParseType(),this.expectRelational(">"),e.expression=this.parseMaybeUnary(),th
is.finishNode(e,"TSTypeAssertion")}tsParseHeritageClause(e){const
t=this.state.start,r=this.tsParseDelimitedList("HeritageClauseElement",this.tsParseExpressionWithTypeArguments.b
ind(this));return
r.length||this.raise(t,ae.EmptyHeritageClauseType,e),r}tsParseExpressionWithTypeArguments(){const
e=this.startNode();return
e.expression=this.tsParseEntityName(!1),this.isRelational("<")&&(e.typeParameters=this.tsParseTypeArguments()),
this.finishNode(e,"TSExpressionWithTypeArguments")}tsParseInterfaceDeclaration(e){e.id=this.parseIdentifier(),t
his.checkLVal(e.id,130,void 0,"typescript interface
declaration"),e.typeParameters=this.tsTryParseTypeParameters(),this.eat(o._extends)&&(e.extends=this.tsParseHeri
tageClause("extends"));const t=this.startNode();return
t.body=this.tsInType(this.tsParseObjectTypeMembers.bind(this)),e.body=this.finishNode(t,"TSInterfaceBody"),this.
finishNode(e,"TSInterfaceDeclaration")}tsParseTypeAliasDeclaration(e){return
e.id=this.parseIdentifier(),this.checkLVal(e.id,2,void 0,"typescript type
alias"),e.typeParameters=this.tsTryParseTypeParameters(),e.typeAnnotation=this.tsInType(()=>{if(this.expect(o.eq)
,this.isContextual("intrinsic")&&this.lookahead().type!==o.dot){const e=this.startNode();return
this.next(),this.finishNode(e,"TSIntrinsicKeyword")}return
this.tsParseType()}),this.semicolon(),this.finishNode(e,"TSTypeAliasDeclaration")}tsInNoContext(e){const
t=this.state.context;this.state.context=[t[0]];try{return e()}finally{this.state.context=t}}tsInType(e){const
t=this.state.inType;this.state.inType=!0;try{return e()}finally{this.state.inType=t}}tsEatThenParseType(e){return
this.match(e)?this.tsNextThenParseType():void 0}tsExpectThenParseType(e){return
this.tsDoThenParseType(()=>this.expect(e))}tsNextThenParseType(){return
this.tsDoThenParseType(()=>this.next())}tsDoThenParseType(e){return
this.tsInType(()=>(e(),this.tsParseType()))}tsParseEnumMember(){const e=this.startNode();return
e.id=this.match(o.string)?this.parseExprAtom():this.parseIdentifier(!0),this.eat(o.eq)&&(e.initializer=this.parseMay
beAssignAllowIn()),this.finishNode(e,"TSEnumMember")}tsParseEnumDeclaration(e,t){return
t&&(e.const=!0),e.id=this.parseIdentifier(),this.checkLVal(e.id,t?779:267,void 0,"typescript enum
declaration"),this.expect(o.braceL),e.members=this.tsParseDelimitedList("EnumMembers",this.tsParseEnumMembe
r.bind(this)),this.expect(o.braceR),this.finishNode(e,"TSEnumDeclaration")}tsParseModuleBlock(){const
e=this.startNode();return
this.scope.enter(0),this.expect(o.braceL),this.parseBlockOrModuleBlockBody(e.body=[],void
0,!0,o.braceR),this.scope.exit(),this.finishNode(e,"TSModuleBlock")}tsParseModuleOrNamespaceDeclaration(e,t=!
1){if(e.id=this.parseIdentifier(),t||this.checkLVal(e.id,1024,null,"module or namespace
declaration"),this.eat(o.dot)){const
t=this.startNode();this.tsParseModuleOrNamespaceDeclaration(t,!0),e.body=t}else
this.scope.enter(128),this.prodParam.enter(0),e.body=this.tsParseModuleBlock(),this.prodParam.exit(),this.scope.exi
t();return this.finishNode(e,"TSModuleDeclaration")}tsParseAmbientExternalModuleDeclaration(e){return

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this.isContextual("global")?(e.global=!0,e.id=this.parseIdentifier():this.match(o.string)?e.id=this.parseExprAtom():this.unexpected(),this.match(o.braceL)?(this.scope.enter(128),this.prodParam.enter(0),e.body=this.tsParseModuleBlock(),this.prodParam.exit(),this.scope.exit()):this.semicolon(),this.finishNode(e,"TSMModuleDeclaration"))}tsParseImportEqualsDeclaration(e,t){return e.isExport=t?!1,e.id=this.parseIdentifier(),this.checkLVal(e.id,9,void 0,"import equals declaration"),this.expect(o.eq),e.moduleReference=this.tsParseModuleReference(),this.semicolon(),this.finishNode(e,"TSImportEqualsDeclaration")}tsIsExternalModuleReference(){return this.isContextual("require")&&40===this.lookaheadCharCode()}tsParseModuleReference(){return this.tsIsExternalModuleReference()?this.tsParseExternalModuleReference():this.tsParseEntityName(!1)}tsParseExternalModuleReference(){const e=this.startNode();if(this.expectContextual("require"),this.expect(o.parenL,!this.match(o.string)))throw this.unexpected();return e.expression=this.parseExprAtom(),this.expect(o.parenR),this.finishNode(e,"TSExternalModuleReference")}tsLookAhead(e){const t=this.state.clone(),r=e();return this.state=t,r}tsTryParseAndCatch(e){const t=this.tryParse(t=>e)||t();if(!t.aborted&&t.node)return t.error&&(this.state=t.failState),t.node}tsTryParse(e){const t=this.state.clone(),r=e();return void 0!==(r&&!1!==(r?r:void(this.state=t)))}tsTryParseDeclare(e){if(this.isLineTerminator())return;let t,r=this.state.type;return this.isContextual("let")&&(r=o._var,t="let"),this.tsInDeclareContext(=>{switch(r){case o._function:return e.declare=!0,this.parseFunctionStatement(e,!1,!0);case o._class:return e.declare=!0,this.parseClass(e,!0,!1);case o._const:if(this.match(o._const)&&this.isLookaheadContextual("enum"))return this.expect(o._const),this.expectContextual("enum"),this.tsParseEnumDeclaration(e,!0);case o._var:return t=t||this.state.value,this.parseVarStatement(e,t);case o.name:{const t=this.state.value;return"global"===t?this.tsParseAmbientExternalModuleDeclaration(e):this.tsParseDeclaration(e,t,!0)}})}tsTryParseExportDeclaration(){return this.tsParseDeclaration(this.startNode(),this.state.value,!0)}tsParseExpressionStatement(e,t){switch(t.name){case"declare":{const t=this.tsTryParseDeclare(e);if(t)return t.declare=!0,t;break}case"global":if(this.match(o.braceL)){this.scope.enter(128),this.prodParam.enter(0);const r=e;return r.global=!0,r.id=t,r.body=this.tsParseModuleBlock(),this.scope.exit(),this.prodParam.exit(),this.finishNode(r,"TSMModuleDeclaration")}break;default:return this.tsParseDeclaration(e,t.name,!1)}tsParseDeclaration(e,t,r){switch(t){case"abstract":if(this.tsCheckLineTerminatorAndMatch(o._class,r)){const t=e;return t.abstract=!0,r&&(this.next(),this.match(o._class)||this.unexpected(null,o._class)),this.parseClass(t,!0,!1)}break;case"enum":if(r||this.match(o.name))return r&&this.next(),this.tsParseEnumDeclaration(e,!1);break;case"interface":if(this.tsCheckLineTerminatorAndMatch(o.name,r))return r&&this.next(),this.tsParseInterfaceDeclaration(e);break;case"module":if(r&&this.next(),this.match(o.string))return this.tsParseAmbientExternalModuleDeclaration(e);if(this.tsCheckLineTerminatorAndMatch(o.name,r))return this.tsParseModuleOrNamespaceDeclaration(e);break;case"namespace":if(this.tsCheckLineTerminatorAndMatch(o.name,r))return r&&this.next(),this.tsParseModuleOrNamespaceDeclaration(e);break;case"type":if(this.tsCheckLineTerminatorAndMatch(o.name,r))return r&&this.next(),this.tsParseTypeAliasDeclaration(e)}tsCheckLineTerminatorAndMatch(e,t){return(t||this.match(e))&&!this.isLineTerminator()}tsTryParseGenericAsyncArrowFunction(e,t){if(!this.isRelational("<"))return;const r=this.state.maybeInArrowParameters;this.state.maybeInArrowParameters=!0;const n=this.tsTryParseAndCatch(=>{const r=this.startNodeAt(e,t);return r.typeParameters=this.tsParseTypeParameters(),super.parseFunctionParams(r),r.returnType=this.tsTryParseTypeOr

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TypePredicateAnnotation(),this.expect(o.arrow,r));return
this.state.maybeInArrowParameters=r,n?this.parseArrowExpression(n,null,!0):void
0}tsParseTypeArguments(){const e=this.startNode();return
e.params=this.tsInType(=>this.tsInNoContext(=>(this.expectRelational("<"),this.tsParseDelimitedList("TypePar
ametersOrArguments",this.tsParseType.bind(this))))),0===e.params.length&&this.raise(e.start,ae.EmptyTypeArgu
ments),this.state.exprAllowed=!1,this.expectRelational(">"),this.finishNode(e,"TSTypeParameterInstantiation")}tsIs
DeclarationStart(){if(this.match(o.name))switch(this.state.value){case"abstract":case"declare":case"enum":case"inte
rface":case"module":case"namespace":case"type":return!0}return!1}isExportDefaultSpecifier(){return!this.tsIsDecl
arationStart()&&super.isExportDefaultSpecifier()}parseAssignableListItem(e,t){const
r=this.state.start,n=this.state.startLoc;let i,s=!1;void
0!|=e&&(i=this.parseAccessModifier(),s=!this.tsParseModifier(["readonly"]),!1===e&&(i||s)&&this.raise(r,ae.Un
expectedParameterModifier));const a=this.parseMaybeDefault();this.parseAssignableListItemTypes(a);const
o=this.parseMaybeDefault(a.start,a.loc.start,a);if(i||s){const e=this.startNodeAt(r,n);return
t.length&&(e.decorators=t),i&&(e.accessibility=i),s&&(e.readonly=s),"Identifier"!==o.type&&"AssignmentPattern
"!==o.type&&this.raise(e.start,ae.UnsupportedParameterPropertyKind),e.parameter=o,this.finishNode(e,"TSParame
terProperty")}return
t.length&&(a.decorators=t),o}parseFunctionBodyAndFinish(e,t,r=!1){this.match(o.colon)&&(e.returnType=this.tsP
arseTypeOrTypePredicateAnnotation(o.colon));const
n="FunctionDeclaration"===t?"TSDeclareFunction":"ClassMethod"===t?"TSDeclareMethod":void
0;n&&!this.match(o.braceL)&&this.isLineTerminator()?this.finishNode(e,n):"TSDeclareFunction"===n&&this.stat
e.isDeclareContext&&(this.raise(e.start,ae.DeclareFunctionHasImplementation),e.declare)?super.parseFunctionBod
yAndFinish(e,n,r):super.parseFunctionBodyAndFinish(e,t,r)}registerFunctionStatementId(e){!e.body&&e.id?this.ch
eckLVal(e.id,1024,null,"function
name"):super.registerFunctionStatementId(...arguments)}tsCheckForInvalidTypeCasts(e){e.forEach(e=>{"TSType
CastExpression"===e?(null===e?void
0:e.type)&&this.raise(e.typeAnnotation.start,ae.UnexpectedTypeAnnotation))}toReferencedList(e,t){return
this.tsCheckForInvalidTypeCasts(e),e}parseArrayLike(...e){const
t=super.parseArrayLike(...e);return"ArrayExpression"===t.type&&this.tsCheckForInvalidTypeCasts(t.elements),t}p
arseSubscript(e,t,r,n,i){if(!this.hasPrecedingLineBreak()&&this.match(o.bang)){this.state.exprAllowed=!1,this.next
();const n=this.startNodeAt(t,r);return
n.expression=e,this.finishNode(n,"TSNonNullExpression")}if(this.isRelational("<")){const
s=this.tsTryParseAndCatch(=>{if(!n&&this.atPossibleAsyncArrow(e)){const
e=this.tsTryParseGenericAsyncArrowFunction(t,r);if(e)return e}const s=this.startNodeAt(t,r);s.callee=e;const
a=this.tsParseTypeArguments();if(a){if(!n&&this.eat(o.parenL))return
s.arguments=this.parseCallExpressionArguments(o.parenR,!1),this.tsCheckForInvalidTypeCasts(s.arguments),s.typ
eParameters=a,this.finishCallExpression(s,i.optionalChainMember);if(this.match(o.backQuote)){const
n=this.parseTaggedTemplateExpression(e,t,r,i);return n.typeParameters=a,n}}this.unexpected());if(s)return
s}return super.parseSubscript(e,t,r,n,i)}parseNewArguments(e){if(this.isRelational("<")){const
t=this.tsTryParseAndCatch(=>{const e=this.tsParseTypeArguments();return
this.match(o.parenL)||this.unexpected(),e});t&&(e.typeParameters=t)}super.parseNewArguments(e)}parseExprOp(e
,t,r,n){if(ie(o._.binop)>n&&!this.hasPrecedingLineBreak()&&this.isContextual("as")){const
i=this.startNodeAt(t,r);i.expression=e;const s=this.tsTryNextParseConstantContext();return
i.typeAnnotation=s||this.tsNextThenParseType(),this.finishNode(i,"TSAsExpression"),this.reScan_lt_gt(),this.parse
ExprOp(i,t,r,n)}return
super.parseExprOp(e,t,r,n)}checkReservedWord(e,t,r,n){}checkDuplicateExports(){}parseImport(e){if(this.match(o
.name)||this.match(o.star)||this.match(o.braceL)){const
t=this.lookahead();if(this.match(o.name)&&t.type===o.eq)return
this.tsParseImportEqualsDeclaration(e);!this.isContextual("type")||t.type===o.comma||t.type===o.name&&"from"=

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==t.value||(e.importKind="type",this.next())}e.importKind||(e.importKind="value");const
t=super.parseImport(e);return"type"===t.importKind&&t.specifiers.length>1&&"ImportDefaultSpecifier"===t.spec
ifiers[0].type&&this.raise(t.start,"A type-only import can specify a default import or named bindings, but not
both."),t)parseExport(e){if(this.match(o._import))return
this.expect(o._import),this.tsParseImportEqualsDeclaration(e,!0);if(this.eat(o.eq)){const t=e;return
t.expression=this.parseExpression(),this.semicolon(),this.finishNode(t,"TSExportAssignment")}if(this.eatContextual
("as")){const t=e;return
this.expectContextual("namespace"),t.id=this.parseIdentifier(),this.semicolon(),this.finishNode(t,"TSNamespaceExp
ortDeclaration")}return
this.isContextual("type")&&this.lookahead().type===o.braceL?(this.next(),e.exportKind="type"):e.exportKind="val
ue",super.parseExport(e)}isAbstractClass(){return
this.isContextual("abstract")&&this.lookahead().type===o._class}parseExportDefaultExpression(){if(this.isAbstrac
tClass()){const e=this.startNode();return
this.next(),this.parseClass(e,!0,!0,e.abstract=!0,e)if("interface"===this.state.value){const
e=this.tsParseDeclaration(this.startNode(),this.state.value,!0);if(e)return e}return
super.parseExportDefaultExpression()}parseStatementContent(e,t){if(this.state.type===o._const){const
e=this.lookahead();if(e.type===o.name&&"enum"===e.value){const e=this.startNode();return
this.expect(o._const),this.expectContextual("enum"),this.tsParseEnumDeclaration(e,!0)}return
super.parseStatementContent(e,t)}parseAccessModifier(){return
this.tsParseModifier(["public","protected","private"])}parseClassMember(e,t,r){this.tsParseModifiers(t,["declare"]);
const n=this.parseAccessModifier();n&&(t.accessibility=n),this.tsParseModifiers(t,["declare"]);const
i=(=)>{super.parseClassMember(e,t,r);t.declare?this.tsInDeclareContext(i):i)}parseClassMemberWithIsStatic(e,t,r
,n){this.tsParseModifiers(t,["abstract","readonly","declare"]);const i=this.tsTryParseIndexSignature(t);if(i)return
e.body.push(i),t.abstract&&this.raise(t.start,ae.IndexSignatureHasAbstract),n&&this.raise(t.start,ae.IndexSignature
HasStatic),t.accessibility&&this.raise(t.start,ae.IndexSignatureHasAccessibility,t.accessibility),void(t.declare&&this
.raise(t.start,ae.IndexSignatureHasDeclare));super.parseClassMemberWithIsStatic(e,t,r,n)}parsePostMemberName
Modifiers(e){this.eat(o.question)&&(e.optional=!0),e.readonly&&this.match(o.parenL)&&this.raise(e.start,ae.Class
MethodHasReadonly),e.declare&&this.match(o.parenL)&&this.raise(e.start,ae.ClassMethodHasDeclare)}parseExpr
essionStatement(e,t){return("Identifier"===t.type?this.tsParseExpressionStatement(e,t):void
0)||super.parseExpressionStatement(e,t)}shouldParseExportDeclaration(){return!!this.tsIsDeclarationStart()||super.sh
ouldParseExportDeclaration()}parseConditional(e,t,r,n){if(!n||!this.match(o.question))return
super.parseConditional(e,t,r,n);const i=this.tryParse(=)>super.parseConditional(e,t,r);return
i.node?(i.error&&(this.state=i.failState),i.node):(n.start=i.error.pos||this.state.start,e)}parseParenItem(e,t,r){if(e=sup
er.parseParenItem(e,t,r),this.eat(o.question)&&(e.optional=!0,this.resetEndLocation(e)),this.match(o.colon)){const
n=this.startNodeAt(t,r);return
n.expression=e,n.typeAnnotation=this.tsParseTypeAnnotation(),this.finishNode(n,"TSTypeCastExpression")}return
e}parseExportDeclaration(e){const t=this.state.start,r=this.state.startLoc,n=this.eatContextual("declare");let i;return
this.match(o.name)&&(i=this.tsTryParseExportDeclaration()),i||(i=super.parseExportDeclaration(e)),i&&("TSInterf
aceDeclaration"===i.type||"TSTypeAliasDeclaration"===i.type||n)&&(e.exportKind="type"),i&&n&&(this.resetSta
rtLocation(i,t,r),i.declare=!0,i)}parseClassId(e,t,r){if(!t||r)&&this.isContextual("implements")}return;super.parseCla
ssId(e,t,r,e.declare?1024:139);const
n=this.tsTryParseTypeParameters();n&&(e.typeParameters=n)}parseClassPropertyAnnotation(e){!e.optional&&this
.eat(o.bang)&&(e.definite=!0);const
t=this.tsTryParseTypeAnnotation();t&&(e.typeAnnotation=t)}parseClassProperty(e){return
this.parseClassPropertyAnnotation(e),this.state.isDeclareContext&&this.match(o.eq)&&this.raise(this.state.start,ae.
DeclareClassFieldHasInitializer),super.parseClassProperty(e)}parseClassPrivateProperty(e){return
e.abstract&&this.raise(e.start,ae.PrivateElementHasAbstract),e.accessibility&&this.raise(e.start,ae.PrivateElementH
asAccessibility,e.accessibility),this.parseClassPropertyAnnotation(e),super.parseClassPrivateProperty(e)}pushClass

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Method(e,t,r,n,i,s){const
a=this.tsTryParseTypeParameters();a&&i&&this.raise(a.start,ae.ConstructorHasTypeParameters),a&&(t.typeParameters=a),super.pushClassMethod(e,t,r,n,i,s)}pushClassPrivateMethod(e,t,r,n){const
i=this.tsTryParseTypeParameters();i&&(t.typeParameters=i),super.pushClassPrivateMethod(e,t,r,n)}parseClassSuper(e){super.parseClassSuper(e),e.superClass&&this.isRelational("<")&&(e.superTypeParameters=this.tsParseTypeArguments()),this.eatContextual("implements")&&(e.implements=this.tsParseHeritageClause("implements"))}parseObjPropValue(e,...t){const
r=this.tsTryParseTypeParameters();r&&(e.typeParameters=r),super.parseObjPropValue(e,...t)}parseFunctionParams(e,t){const
r=this.tsTryParseTypeParameters();r&&(e.typeParameters=r),super.parseFunctionParams(e,t)}parseVarId(e,t){super.parseVarId(e,t),"Identifier"===e.id.type&&this.eat(o.bang)&&(e.definite=!0);const
r=this.tsTryParseTypeAnnotation();r&&(e.id.typeAnnotation=r,this.resetEndLocation(e.id))}parseAsyncArrowFromCallExpression(e,t){return
this.match(o.colon)&&(e.returnType=this.tsParseTypeAnnotation()),super.parseAsyncArrowFromCallExpression(e,t)}parseMaybeAssign(...e){var t,r,n,i,s,a,l;let
c,p,u,d;if(this.match(o.jsxTagStart)){if(c=this.state.clone(),p=this.tryParse(=>super.parseMaybeAssign(...e),c),!p.error)return p.node;const{context:t}=this.state;t[t.length-1]===g.j_oTag?t.length-=2:t.length-1]===g.j_expr&&(t.length=1)}if(!(null==(t=p)?void 0:t.error)&&!this.isRelational("<"))return
super.parseMaybeAssign(...e);c=c||this.state.clone();const h=this.tryParse(t=>{var
r;d=this.tsParseTypeParameters();const
n=super.parseMaybeAssign(...e);return("ArrowFunctionExpression"!==n.type||n.extra&&n.extra.parenthesized)&&t(),0!==(null==(r=d)?void
0:r.params.length)&&this.resetStartLocationFromNode(n,d),n.typeParameters=d,n},c);if(!h.error&&!h.aborted)return
n.h.node;if(!p&&(se(!this.hasPlugin("jsx")),u=this.tryParse(=>super.parseMaybeAssign(...e),c),!u.error))return
u.node;if(null==(r=p)?void 0:r.node)return this.state=p.failState,p.node;if(h.node)return
this.state=h.failState,h.node;if(null==(n=u)?void 0:n.node)return this.state=u.failState,u.node;if(null==(i=p)?void
0:i.thrown)throw p.error;if(h.thrown)throw h.error;if(null==(s=u)?void 0:s.thrown)throw
u.error;throw(null==(a=p)?void 0:a.error)||h.error||(null==(l=u)?void
0:l.error)}parseMaybeUnary(e){return!this.hasPlugin("jsx")&&this.isRelational("<")?this.tsParseTypeAssertion():super.parseMaybeUnary(e)}parseArrow(e){if(this.match(o.colon)){const t=this.tryParse(e=>{const
t=this.tsParseTypeOrTypePredicateAnnotation(o.colon);return!this.canInsertSemicolon()&&this.match(o.arrow)||e(),t});if(t.aborted)return;t.throw||(t.error&&(this.state=t.failState),e.returnType=t.node)}return
super.parseArrow(e)}parseAssignableListItemTypes(e){this.eat(o.question)&&("Identifier"===e.type||this.state.isDeclareContext||this.state.inType||this.raise(e.start,ae.PatternIsOptional),e.optional=!0);const
t=this.tsTryParseTypeAnnotation();return
t&&(e.typeAnnotation=t),this.resetEndLocation(e,e)}toAssignable(e){switch(e.type){case"TSTypeCastExpression":return
super.toAssignable(this.typeCastToParameter(e));case"TSParameterProperty":return
super.toAssignable(e);case"TSAsExpression":case"TSNonNullExpression":case"TSTypeAssertion":return
e.expression=this.toAssignable(e.expression),e;default:return
super.toAssignable(e)}checkLVal(e,t=64,r,n){switch(e.type){case"TSTypeCastExpression":return;case"TSParameterProperty":return
void this.checkLVal(e.parameter,t,r,"parameter
property");case"TSAsExpression":case"TSNonNullExpression":case"TSTypeAssertion":return
void this.checkLVal(e.expression,t,r,n);default:return
void super.checkLVal(e,t,r,n)}parseBindingAtom(){switch(this.state.type){case o._this:return
this.parseIdentifier(!0);default:return
super.parseBindingAtom()}}parseMaybeDecoratorArguments(e){if(this.isRelational("<")){const
t=this.tsParseTypeArguments();if(this.match(o.parenL)){const r=super.parseMaybeDecoratorArguments(e);return
r.typeParameters=t,r}this.unexpected(this.state.start,o.parenL)}return

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super.parseMaybeDecoratorArguments(e)}isClassMethod(){return
this.isRelational("<")||super.isClassMethod()}isClassProperty(){return
this.match(o.bang)||this.match(o.colon)||super.isClassProperty()}parseMaybeDefault(...e){const
t=super.parseMaybeDefault(...e);return"AssignmentPattern"===t.type&&t.typeAnnotation&&t.right.start<t.typeAn
notation.start&&this.raise(t.typeAnnotation.start,ae.TypeAnnotationAfterAssign,t)getTokenFromCode(e){return!th
is.state.inType||62!==e&&60!==e?super.getTokenFromCode(e):this.finishOp(o.relational,1)}reScan_lt_gt(){if(this.
match(o.relational)){const e=this.input.charCodeAt(this.state.start);60!==e&&62!==e||(this.state.pos-
=1,this.readToken_lt_gt(e))}toAssignableList(e){for(let t=0;t<e.length;t++){const
r=e[t];if(r)switch(r.type){case"TSTypeCastExpression":e[t]=this.typeCastToParameter(r);break;case"TSAsExpressi
on":case"TSTypeAssertion":this.state.maybeInArrowParameters?this.raise(r.start,ae.UnexpectedTypeCastInParamet
er):e[t]=this.typeCastToParameter(r)}return super.toAssignableList(...arguments)}typeCastToParameter(e){return
e.expression.typeAnnotation=e.typeAnnotation,this.resetEndLocation(e.expression,e.typeAnnotation.end,e.typeAnn
otation.loc.end),e.expression}shouldParseArrow(){return
this.match(o.colon)||super.shouldParseArrow()}shouldParseAsyncArrow(){return
this.match(o.colon)||super.shouldParseAsyncArrow()}canHaveLeadingDecorator(){return
super.canHaveLeadingDecorator()}this.isAbstractClass(){jsxParseOpeningElementAfterName(e){if(this.isRelational("<")){const t=this.tsTryParseAndCatch(=>this.tsParseTypeArguments());t&&(e.typeParameters=t)}return
super.jsxParseOpeningElementAfterName(e)}getterSetterExpectedParamCount(e){const
t=super.getGetterSetterExpectedParamCount(e),r=e.params[0];return
r&&"Identifier"===r.type&&"this"===r.name?t+1:t}parseCatchClauseParam(){const
e=super.parseCatchClauseParam(),t=this.tsTryParseTypeAnnotation();return
t&&(e.typeAnnotation=t,this.resetEndLocation(e)),e}tsInDeclareContext(e){const
t=this.state.isDeclareContext;this.state.isDeclareContext=!0;try{return
e()}finally{this.state.isDeclareContext=t}}v8intrinsic:e=>class extends
e{parseV8Intrinsic(){if(this.match(o.modulo)){const
e=this.state.start,t=this.startNode();if(this.eat(o.modulo),this.match(o.name)){const
e=this.parseIdentifierName(this.state.start),r=this.createIdentifier(t,e);if(r.type="V8IntrinsicIdentifier",this.match(o.
parenL))return r}this.unexpected(e)}parseExprAtom(){return
this.parseV8Intrinsic()}super.parseExprAtom(...arguments)}},placeholders:e=>class extends
e{parsePlaceholder(e){if(this.match(o.placeholder)){const t=this.startNode();return
this.next(),this.assertNoSpace("Unexpected space in
placeholder."),t.name=super.parseIdentifier(!0),this.assertNoSpace("Unexpected space in
placeholder."),this.expect(o.placeholder),this.finishPlaceholder(t,e)}finishPlaceholder(e,t){const
r=!(!e.expectedNode||"Placeholder"!==e.type);return
e.expectedNode=t,r?e:this.finishNode(e,"Placeholder")}getTokenFromCode(e){return
37===e&&37===this.input.charCodeAt(this.state.pos+1)?this.finishOp(o.placeholder,2):super.getTokenFromCode(
...arguments)}parseExprAtom(){return
this.parsePlaceholder("Expression")||super.parseExprAtom(...arguments)}parseIdentifier(){return
this.parsePlaceholder("Identifier")||super.parseIdentifier(...arguments)}checkReservedWord(e){void
0!==e&&super.checkReservedWord(...arguments)}parseBindingAtom(){return
this.parsePlaceholder("Pattern")||super.parseBindingAtom(...arguments)}checkLVal(e){"Placeholder"!==e.type&&super.checkLVal(...arguments)}toAssignable(e){return
e&&"Placeholder"===e.type&&"Expression"===e.expectedNode?(e.expectedNode="Pattern",e):super.toAssignabl
e(...arguments)}verifyBreakContinue(e){e.label&&"Placeholder"===e.label.type||super.verifyBreakContinue(...argu
ments)}parseExpressionStatement(e,t){if("Placeholder"!==t.type||t.extra&&t.extra.parenthesized)return
super.parseExpressionStatement(...arguments);if(this.match(o.colon)){const r=e;return
r.label=this.finishPlaceholder(t,"Identifier"),this.next(),r.body=this.parseStatement("label"),this.finishNode(r,"Label
edStatement")}return this.semicolon(),e.name=t.name,this.finishPlaceholder(e,"Statement")}parseBlock(){return

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this.parsePlaceholder("BlockStatement")||super.parseBlock(...arguments)}parseFunctionId(){return
this.parsePlaceholder("Identifier")||super.parseFunctionId(...arguments)}parseClass(e,t,r){const
n=t?"ClassDeclaration":"ClassExpression";this.next(),this.takeDecorators(e);const
i=this.state.strict,s=this.parsePlaceholder("Identifier");if(s){if(this.match(o._extends)||this.match(o.placeholder)||this.
match(o.braceL))e.id=s;else{if(r||!t)return
e.id=null,e.body=this.finishPlaceholder(s,"ClassBody"),this.finishNode(e,n);this.unexpected(null,"A class name is
required")}}else this.parseClassId(e,t,r);return
this.parseClassSuper(e),e.body=this.parsePlaceholder("ClassBody")||this.parseClassBody(!e.superClass,i),this.finis
hNode(e,n)}parseExport(e){const t=this.parsePlaceholder("Identifier");if(!t)return
super.parseExport(...arguments);if(!this.isContextual("from")&&!this.match(o.comma))return
e.specifiers=[],e.source=null,e.declaration=this.finishPlaceholder(t,"Declaration"),this.finishNode(e,"ExportNamed
Declaration");this.expectPlugin("exportDefaultFrom");const r=this.startNode();return
r.exported=t,e.specifiers=[this.finishNode(r,"ExportDefaultSpecifier")],super.parseExport(e)}isExportDefaultSpecifi
er(){if(this.match(o._default)){const
e=this.nextTokenStart();if(this.isUnparsedContextual(e,"from")&&this.input.startsWith(o.placeholder.label,this.next
TokenStartSince(e+4)))return!0}return
super.isExportDefaultSpecifier()}maybeParseExportDefaultSpecifier(e){return!(e.specifiers&&e.specifiers.length>
0)||super.maybeParseExportDefaultSpecifier(...arguments)}checkExport(e){const{specifiers:t}=e;(null===t?void
0:t.length)&&(e.specifiers=t.filter(e=>"Placeholder"===e.exported.type)),super.checkExport(e),e.specifiers=t}parse
Import(e){const t=this.parsePlaceholder("Identifier");if(!t)return
super.parseImport(...arguments);if(e.specifiers=[],!this.isContextual("from")&&!this.match(o.comma))return
e.source=this.finishPlaceholder(t,"StringLiteral"),this.semicolon(),this.finishNode(e,"ImportDeclaration");const
r=this.startNodeAtNode(t);if(r.local=t,this.finishNode(r,"ImportDefaultSpecifier"),e.specifiers.push(r),this.eat(o.com
ma)){this.maybeParseStarImportSpecifier(e)||this.parseNamedImportSpecifiers(e)}return
this.expectContextual("from"),e.source=this.parseImportSource(),this.semicolon(),this.finishNode(e,"ImportDeclara
tion")}parseImportSource(){return
this.parsePlaceholder("StringLiteral")||super.parseImportSource(...arguments)}}},de=Object.keys(ue),he={sourceType
pe:"script",sourceFilename:void
0,startLine:1,allowAwaitOutsideFunction:!1,allowReturnOutsideFunction:!1,allowImportExportEverywhere:!1,allo
wSuperOutsideMethod:!1,allowUndeclaredExports:!1,plugins:[],strictMode:null,ranges:!1,tokens:!1,createParenthes
izedExpressions:!1,errorRecovery:!1};class fe{constructor(){this.strict=void 0,this.curLine=void
0,this.startLoc=void 0,this.endLoc=void 0,this.errors=[],this.potentialArrowAt=-
1,this.noArrowAt=[],this.noArrowParamsConversionAt=[],this.maybeInArrowParameters=!1,this.inPipeline=!1,this
.inType=!1,this.noAnonFunctionType=!1,this.inPropertyName=!1,this.hasFlowComment=!1,this.isIterator=!1,this.i
sDeclareContext=!1,this.topicContext={maxNumOfResolvableTopics:0,maxTopicIndex:null},this.soloAwait=!1,this
.inFSharpPipelineDirectBody=!1,this.labels=[],this.decoratorStack=[[]],this.comments=[],this.trailingComments=[]
,this.leadingComments=[],this.commentStack=[],this.commentPreviousNode=null,this.pos=0,this.lineStart=0,this.ty
pe=o.eof,this.value=null,this.start=0,this.end=0,this.lastTokEndLoc=null,this.lastTokStartLoc=null,this.lastTokStart
=0,this.lastTokEnd=0,this.context=[g.braceStatement],this.exprAllowed=!0,this.containsEsc=!1,this.octalPositions=
[],this.exportedIdentifiers=[],this.tokensLength=0}init(e){this.strict=!1!==e.strictMode&&"module"===e.sourceType
pe,this.curLine=e.startLine,this.startLoc=this.endLoc=this.curPosition()}curPosition(){return new
h(this.curLine,this.pos-this.lineStart)}clone(e){const t=new fe,r=Object.keys(this);for(let
n=0,i=r.length;n<i;n++){const i=r[n];let s=this[i];!e&&Array.isArray(s)&&(s=s.slice()),t[i]=s}return t}}var
me=function(e){return e>=48&&e<=57};const ye=new
Set(["g","m","s","i","y","u"]),Te={decBinOct:[46,66,69,79,95,98,101,111],hex:[46,88,95,120]},be={bin:[48,49];b
e.oct=[...be.bin,50,51,52,53,54,55],be.dec=[...be.oct,56,57],be.hex=[...be.dec,65,66,67,68,69,70,97,98,99,100,101,10
2];class ge{constructor(e){this.type=e.type,this.value=e.value,this.start=e.start,this.end=e.end,this.loc=new
f(e.startLoc,e.endLoc)}}class Se{constructor(){this.shorthandAssign=-1,this.doubleProto=-1}}class

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xe{ constructor(e,t,r){ this.type=void 0,this.start=void 0,this.end=void 0,this.loc=void 0,this.range=void
0,this.leadingComments=void 0,this.trailingComments=void 0,this.innerComments=void 0,this.extra=void
0,this.type="",this.start=t,this.end=0,this.loc=new f(r),(null===e?void
0:e.options.ranges)&&(this.range=[t,0]),(null===e?void
0:e.filename)&&(this.loc.filename=e.filename)} __clone(){ const e=new xe,t=Object.keys(this);for(let
r=0,n=t.length;r<n;r++){ const
n=t[r];"leadingComments"!==n&&"trailingComments"!==n&&"innerComments"!==n&&(e[n]=this[n])}return
e } }const Ee=e=>"ParenthesizedExpression"===e.type?Ee(e.expression):e;class Pe{ constructor(e=0){ this.type=void
0,this.type=e }canBeArrowParameterDeclaration(){ return
2===this.type||1===this.type }isCertainlyParameterDeclaration(){ return 3===this.type } }class ve extends
Pe{ constructor(e){ super(e),this.errors=new
Map }recordDeclarationError(e,t){ this.errors.set(e,t)}clearDeclarationError(e){ this.errors.delete(e)}iterateErrors(e){ t
his.errors.forEach(e) } }class Ae{ constructor(e){ this.stack=[new
Pe],this.raise=e }enter(e){ this.stack.push(e)}exit(){ this.stack.pop()}recordParameterInitializerError(e,t){ const { stack:
r }=this;let n=r.length-
1,i=r[n];for(;!i.isCertainlyParameterDeclaration();){ if(!i.canBeArrowParameterDeclaration())return;i.recordDeclarat
ionError(e,t),i=r[--n]}this.raise(e,t)}recordAsyncArrowParametersError(e,t){ const { stack:r }=this;let n=r.length-
1,i=r[n];for(;i.canBeArrowParameterDeclaration();){ 2===i.type&&i.recordDeclarationError(e,t),i=r[
n]}validateAsPattern(){ const { stack:e }=this,t=e[e.length-
1];t.canBeArrowParameterDeclaration()&&t.iterateErrors((t,r)=>{ this.raise(r,t);let n=e.length-
2,i=e[n];for(;i.canBeArrowParameterDeclaration();i.clearDeclarationError(r),i=e[--n])} } }function we(){ return new
Pe }const Oe={ kind:"loop" },Ie={ kind:"switch" },Ce=/[\u00D800-\u00DFFF]/u;class
Ne{ constructor(){ this.privateNames=new Set,this.loneAccessors=new Map,this.undefinedPrivateNames=new
Map } }class ke{ constructor(e){ this.stack=[],this.undefinedPrivateNames=new Map,this.raise=e }current(){ return
this.stack[this.stack.length-1]}enter(){ this.stack.push(new Ne)}exit(){ const e=this.stack.pop(),t=this.current();for(let
r=0,n=Array.from(e.undefinedPrivateNames);r<n.length;r++){ const [e,i]=n[r];t?t.undefinedPrivateNames.has(e)||t.un
definedPrivateNames.set(e,i):this.raise(i,y.InvalidPrivateFieldResolution,e) } }declarePrivateName(e,t,r){ const
n=this.current();let i=n.privateNames.has(e);if(3&t){ const r=i&&n.loneAccessors.get(e);if(r){ const
s=4&r,a=4&t;i=(3&r)===(3&t)||s!==a,i||n.loneAccessors.delete(e)}else
i||n.loneAccessors.set(e,t)}i&&this.raise(r,y.PrivateNameRedeclaration,e),n.privateNames.add(e),n.undefinedPrivate
Names.delete(e)}usePrivateName(e,t){ let r;for(let
t=0,n=this.stack;t<n.length;t++)if(r=n[t],r.privateNames.has(e))return;r?r.undefinedPrivateNames.set(e,t):this.raise(t
,y.InvalidPrivateFieldResolution,e) } }class De extends class extends class extends class extends class extends class
extends class extends class extends class extends class extends class extends class extends class extends class
class{ constructor(){ this.sawUnambiguousESM=!1,this.ambiguousScriptDifferentAst=!1 }hasPlugin(e){ return
this.plugins.has(e) }getPluginOption(e,t){ if(this.hasPlugin(e))return
this.plugins.get(e)[t] } } { addComment(e){ this.filename&&(e.loc.filename=this.filename),this.state.trailingComments
.push(e),this.state.leadingComments.push(e) }adjustCommentsAfterTrailingComma(e,t,r){ if(0===this.state.leadingC
omments.length)return;let n=null,i=t.length;for(;null===n&&i>0;n=t[--i];if(null===n)return;for(let
e=0;e<this.state.leadingComments.length;e++)this.state.leadingComments[e].end<this.state.commentPreviousNode.
end&&(this.state.leadingComments.splice(e,1),e--);const s=[];for(let
t=0;t<this.state.leadingComments.length;t++){ const
n=this.state.leadingComments[t];n.end<e.end?(s.push(n),r||(this.state.leadingComments.splice(t,1),t--):(void
0===e.trailingComments&&(e.trailingComments=[]),e.trailingComments.push(n))}r&&(this.state.leadingComment
s=[]),s.length>0?n.trailingComments=s:void
0!==(n.trailingComments&&(n.trailingComments=[]))}processComment(e){ if("Program"===e.type&&e.body.length
>0)return;const t=this.state.commentStack;let
r,n,i,s,a;if(this.state.trailingComments.length>0)this.state.trailingComments[0].start>=e.end?(i=this.state.trailingCo

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mments,this.state.trailingComments=[]):this.state.trailingComments.length=0;else if(t.length>0){ const
r=m(t);r.trailingComments&&r.trailingComments[0].start>=e.end&&(i=r.trailingComments,delete
r.trailingComments)}for(t.length>0&&m(t).start>=e.start&&(r=t.pop());t.length>0&&m(t).start>=e.start;n=t.pop();
if(!n&&(n=r),r)switch(e.type){ case"ObjectExpression":this.adjustCommentsAfterTrailingComma(e,e.properties);break;case"ObjectPattern":this.adjustCommentsAfterTrailingComma(e,e.properties,!0);break;case"CallExpression":this.adjustCommentsAfterTrailingComma(e,e.arguments);break;case"ArrayExpression":this.adjustCommentsAfterTrailingComma(e,e.elements);break;case"ArrayPattern":this.adjustCommentsAfterTrailingComma(e,e.elements,!0)}else
this.state.commentPreviousNode&&("ImportSpecifier"===this.state.commentPreviousNode.type&&"ImportSpecifier"!==e.type||"ExportSpecifier"===this.state.commentPreviousNode.type&&"ExportSpecifier"!==e.type)&&this.adjustCommentsAfterTrailingComma(e,[this.state.commentPreviousNode]);if(n){if(n.leadingComments)if(n!==e&&n.leadingComments.length>0&&m(n.leadingComments).end<=e.start)e.leadingComments=n.leadingComments,delete n.leadingComments;else for(s=n.leadingComments.length-2;s>=0;--s)if(n.leadingComments[s].end<=e.start){e.leadingComments=n.leadingComments.splice(0,s+1);break}}else
if(this.state.leadingComments.length>0)if(m(this.state.leadingComments).end<=e.start){if(this.state.commentPreviousNode)for(a=0;a<this.state.leadingComments.length;a++)this.state.leadingComments[a].end<this.state.commentPreviousNode.end&&(this.state.leadingComments.splice(a,1),a--);this.state.leadingComments.length>0&&(e.leadingComments=this.state.leadingComments,this.state.leadingComments=[])}else{for(s=0;s<this.state.leadingComments.length&&!(this.state.leadingComments[s].end>e.start);s++);const
t=this.state.leadingComments.slice(0,s);t.length&&(e.leadingComments=t),i=this.state.leadingComments.slice(s),0===i.length&&(i=null)}if(this.state.commentPreviousNode=e,i)if(i.length&&i[0].start>=e.start&&m(i).end<=e.end)e.innerComments=i;else{const
t=i.findIndex(t=>t.end>=e.end);t>0?(e.innerComments=i.slice(0,t),e.trailingComments=i.slice(t)):e.trailingComments=i;t.push(e)}getLocationForPosition(e){let t;return
t=e===this.state.start?this.state.startLoc:e===this.state.lastTokStart?this.state.lastTokStartLoc:e===this.state.end?this.state.endLoc:e===this.state.lastTokEnd?this.state.lastTokEndLoc:function(e,t){let
r,n=1,i=0;for(c.lastIndex=0;(r=c.exec(e))&&r.index<t;)n++,i=c.lastIndex;return new h(n,t-i)}(this.input,e),t)raise(e,t,...r){return this.raiseWithData(e,void 0,t,...r)}raiseWithData(e,t,r,...n){const
i=this.getLocationForPosition(e),s=r.replace(/%(\d+)/g,(e,t)=>n[t]+` (${i.line}:${i.column})`);return
this._raise(Object.assign({loc:i,pos:e},t),s)}_raise(e,t){const r=new
SyntaxError(t);if(Object.assign(r,e),this.options.errorRecovery)return
this.isLookahead||this.state.errors.push(r,r,throw r)}constructor(e,t){super(),this.isLookahead=void
0,this.tokens=[],this.state=new
fe,this.state.init(e),this.input=t,this.length=t.length,this.isLookahead=!1}pushToken(e){this.tokens.length=this.state.tokensLength,this.tokens.push(e),++this.state.tokensLength}next(){this.isLookahead||(this.checkKeywordEscapes(),this.options.tokens&&this.pushToken(new
ge(this.state))),this.state.lastTokEnd=this.state.end,this.state.lastTokStart=this.state.start,this.state.lastTokEndLoc=this.state.endLoc,this.state.lastTokStartLoc=this.state.startLoc,this.nextToken()}eat(e){return!!this.match(e)&&(this.next(),!0)}match(e){return this.state.type===e}lookahead(){const
e=this.state;this.state=e.clone(!0),this.isLookahead=!0,this.next(),this.isLookahead=!1;const t=this.state;return
this.state=e,t}nextTokenStart(){return this.nextTokenStartSince(this.state.pos)}nextTokenStartSince(e){return
u.lastIndex=e,e+u.exec(this.input)[0].length}lookaheadCharCode(){return
this.input.charCodeAtAt(this.nextTokenStart())}setStrict(e){if(this.state.strict=e,this.match(o.num)||this.match(o.string)){for(this.state.pos=this.state.start;this.state.pos<this.state.lineStart;)this.state.lineStart=this.input.lastIndexOf("\n",this.state.lineStart-2)+1,--this.state.curLine;this.nextToken()}curContext(){return
this.state.context[this.state.context.length-1]}nextToken(){const e=this.curContext();if((null===e?void
0:e.preserveSpace)||this.skipSpace(),this.state.octalPositions=[],this.state.start=this.state.pos,this.state.startLoc=this.s

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tate.curPosition(),this.state.pos>=this.length)return void this.finishToken(o.eof);const t=null===e?void
0:e.override;t?(this):this.getTokenFromCode(this.input.codePointAt(this.state.pos))}pushComment(e,t,r,n,i,s){const
a={type:e?"CommentBlock":"CommentLine",value:t,start:r,end:n,loc:new
f(i,s)};this.options.tokens&&this.pushToken(a),this.state.comments.push(a),this.addComment(a)}skipBlockComme
nt(){const e=this.state.curPosition(),t=this.state.pos,r=this.input.indexOf("*/",this.state.pos+2);if(-1===r)throw
this.raise(t,y.UnterminatedComment);let
n;for(this.state.pos=r+2,c.lastIndex=t;(n=c.exec(this.input))&&n.index<this.state.pos;)+this.state.curLine,this.state.
lineStart=n.index+n[0].length;this.isLookahead||this.pushComment(!0,this.input.slice(t+2,r),t,this.state.pos,e,this.stat
e.curPosition())}skipLineComment(e){const t=this.state.pos,r=this.state.curPosition();let
n=this.input.charCodeAtAt(this.state.pos+=e);if(this.state.pos<this.length)for(;!p(n)&&+this.state.pos<this.length;)n
=this.input.charCodeAtAt(this.state.pos);this.isLookahead||this.pushComment(!1,this.input.slice(t+e,this.state.pos),t,thi
s.state.pos,r,this.state.curPosition())}skipSpace(){e:for(;this.state.pos<this.length;){const
e=this.input.charCodeAtAt(this.state.pos);switch(e){case 32:case 160:case 9:++this.state.pos;break;case
13:10===this.input.charCodeAtAt(this.state.pos+1)&&+this.state.pos;case 10:case 8232:case
8233:++this.state.pos,++this.state.curLine,this.state.lineStart=this.state.pos;break;case
47:switch(this.input.charCodeAtAt(this.state.pos+1)){case 42:this.skipBlockComment();break;case
47:this.skipLineComment(2);break;default:break e}break;default:if(!d(e))break
e;+this.state.pos}}finishToken(e,t){this.state.end=this.state.pos,this.state.endLoc=this.state.curPosition();const
r=this.state.type;this.state.type=e,this.state.value=t,this.isLookahead||this.updateContext(r)}readToken_numberSign(
){if(0===this.state.pos&&this.readToken_interpreter())return;const
e=this.state.pos+1,t=this.input.charCodeAtAt(e);if(t>=48&&t<=57)throw
this.raise(this.state.pos,y.UnexpectedDigitAfterHash);if(123===t||91===t&&this.hasPlugin("recordAndTuple")){if(t
his.expectPlugin("recordAndTuple"),"hash"!==this.getPluginOption("recordAndTuple","syntaxType"))throw
this.raise(this.state.pos,123===t?y.RecordExpressionHashIncorrectStartSyntaxType:y.TupleExpressionHashIncorre
ctStartSyntaxType);123===t?this.finishToken(o.braceHashL):this.finishToken(o.bracketHashL),this.state.pos+=2}e
lse this.finishOp(o.hash,1)}readToken_dot(){const
e=this.input.charCodeAtAt(this.state.pos+1);e>=48&&e<=57?this.readNumber(!0):46===e&&46===this.input.charC
odeAt(this.state.pos+2)?(this.state.pos+=3,this.finishToken(o.ellipsis)):(+this.state.pos,this.finishToken(o.dot))}rea
dToken_slash(){if(this.state.exprAllowed&&!this.state.inType)return++this.state.pos,void
this.readRegexp();61===this.input.charCodeAtAt(this.state.pos+1)?this.finishOp(o.assign,2):this.finishOp(o.slash,1)}r
eadToken_interpreter(){if(0!==this.state.pos||this.length<2)return!1;let
e=this.input.charCodeAtAt(this.state.pos+1);if(33!==e)return!1;const
t=this.state.pos;for(this.state.pos+=1;!p(e)&&+this.state.pos<this.length;)e=this.input.charCodeAtAt(this.state.pos);c
onst r=this.input.slice(t+2,this.state.pos);return
this.finishToken(o.interpreterDirective,r,!0)}readToken_mult_modulo(e){let
t=42===e?o.star:o.modulo,r=1,n=this.input.charCodeAtAt(this.state.pos+1);const
i=this.state.exprAllowed;42===e&&42===n&&(r++,n=this.input.charCodeAtAt(this.state.pos+2),t=o.exponent),61!=
=n||i||(r++,t=o.assign),this.finishOp(t,r)}readToken_pipe_amp(e){const
t=this.input.charCodeAtAt(this.state.pos+1);if(t!==e){if(124===e){if(62===t)return void
this.finishOp(o.pipeline,2);if(this.hasPlugin("recordAndTuple")&&125===t){if("bar"!==this.getPluginOption("reco
rdAndTuple","syntaxType"))throw this.raise(this.state.pos,y.RecordExpressionBarIncorrectEndSyntaxType);return
void
this.finishOp(o.braceBarR,2)}if(this.hasPlugin("recordAndTuple")&&93===t){if("bar"!==this.getPluginOption("re
cordAndTuple","syntaxType"))throw this.raise(this.state.pos,y.TupleExpressionBarIncorrectEndSyntaxType);return
void
this.finishOp(o.bracketBarR,2)}}61!==t?this.finishOp(124===e?o.bitwiseOR:o.bitwiseAND,1):this.finishOp(o.assi
gn,2)}else
61===this.input.charCodeAtAt(this.state.pos+2)?this.finishOp(o.assign,3):this.finishOp(124===e?o.logicalOR:o.logic

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alAND,2)}readToken_caret(){61===this.input.charCodeAt(this.state.pos+1)?this.finishOp(o.assign,2):this.finishOp
(o.bitwiseXOR,1)}readToken_plus_min(e){const t=this.input.charCodeAt(this.state.pos+1);if(t===e)return
45!==t||this.inModule||62!==this.input.charCodeAt(this.state.pos+2)||0!==this.state.lastTokEnd&&!this.hasPrecedin
gLineBreak()?void this.finishOp(o.incDec,2):(this.skipLineComment(3),this.skipSpace(),void
this.nextToken());61===t?this.finishOp(o.assign,2):this.finishOp(o.plusMin,1)}readToken_lt_gt(e){const
t=this.input.charCodeAt(this.state.pos+1);let r=1;return
t===e?(r=62===e&&62===this.input.charCodeAt(this.state.pos+2)?3:2,61===this.input.charCodeAt(this.state.pos+
r)?void this.finishOp(o.assign,r+1):void
this.finishOp(o.bitShift,r)):33!==t||60!==e||this.inModule||45!==this.input.charCodeAt(this.state.pos+2)||45!==this.in
put.charCodeAt(this.state.pos+3)?(61===t&&(r=2),void
this.finishOp(o.relational,r):(this.skipLineComment(4),this.skipSpace(),void
this.nextToken()))readToken_eq_excl(e){const t=this.input.charCodeAt(this.state.pos+1);if(61!==t)return
61===e&&62===t?(this.state.pos+=2,void this.finishToken(o.arrow)):void
this.finishOp(61===e?o.eq:o.bang,1);this.finishOp(o.equality,61===this.input.charCodeAt(this.state.pos+2)?3:2)}re
adToken_question(){const
e=this.input.charCodeAt(this.state.pos+1),t=this.input.charCodeAt(this.state.pos+2);63===e?61===t?this.finishOp(
o.assign,3):this.finishOp(o.nullishCoalescing,2):46!==e||t>=48&&t<=57?(++this.state.pos,this.finishToken(o.questi
on)):this.state.pos+=2,this.finishToken(o.questionDot)}getTokenFromCode(e){switch(e){case 46:return void
this.readToken_dot();case 40:return++this.state.pos,void this.finishToken(o.parenL);case
41:return++this.state.pos,void this.finishToken(o.parenR);case 59:return++this.state.pos,void
this.finishToken(o.semi);case 44:return++this.state.pos,void this.finishToken(o.comma);case
91:if(this.hasPlugin("recordAndTuple")&&124===this.input.charCodeAt(this.state.pos+1)){if("bar"!==this.getPlugi
nOption("recordAndTuple","syntaxType"))throw
this.raise(this.state.pos,y.TupleExpressionBarIncorrectStartSyntaxType);this.finishToken(o.bracketBarL),this.state.p
os+=2}else++this.state.pos,this.finishToken(o.bracketL);return;case 93:return++this.state.pos,void
this.finishToken(o.bracketR);case
123:if(this.hasPlugin("recordAndTuple")&&124===this.input.charCodeAt(this.state.pos+1)){if("bar"!==this.getPlugi
nOption("recordAndTuple","syntaxType"))throw
this.raise(this.state.pos,y.RecordExpressionBarIncorrectStartSyntaxType);this.finishToken(o.braceBarL),this.state.p
os+=2}else++this.state.pos,this.finishToken(o.braceL);return;case 125:return++this.state.pos,void
this.finishToken(o.braceR);case 58:return
void(this.hasPlugin("functionBind")&&58===this.input.charCodeAt(this.state.pos+1)?this.finishOp(o.doubleColon,
2):(++this.state.pos,this.finishToken(o.colon));case 63:return void this.readToken_question();case
96:return++this.state.pos,void this.finishToken(o.backQuote);case 48:{const
e=this.input.charCodeAt(this.state.pos+1);if(120===e||88===e)return void
this.readRadixNumber(16);if(111===e||79===e)return void this.readRadixNumber(8);if(98===e||66===e)return
void this.readRadixNumber(2)}case 49:case 50:case 51:case 52:case 53:case 54:case 55:case 56:case 57:return void
this.readNumber(!1);case 34:case 39:return void this.readString(e);case 47:return void this.readToken_slash();case
37:case 42:return void this.readToken_mult_modulo(e);case 124:case 38:return void
this.readToken_pipe_amp(e);case 94:return void this.readToken_caret();case 43:case 45:return void
this.readToken_plus_min(e);case 60:case 62:return void this.readToken_lt_gt(e);case 61:case 33:return void
this.readToken_eq_excl(e);case 126:return void this.finishOp(o.tilde,1);case 64:return++this.state.pos,void
this.finishToken(o.at);case 35:return void this.readToken_numberSign();case 92:return void
this.readWord();default:if(O(e))return void this.readWord()}throw
this.raise(this.state.pos,y.InvalidOrUnexpectedToken,String.fromCodePoint(e))}finishOp(e,t){const
r=this.input.slice(this.state.pos,this.state.pos+t);this.state.pos+=t,this.finishToken(e,r)}readRegex(){const
e=this.state.pos;let t,r;for(;;){if(this.state.pos>=this.length)throw this.raise(e,y.UnterminatedRegExp);const
n=this.input.charAt(this.state.pos);if(l.test(n))throw

```

```

this.raise(e,y.UnterminatedRegExp);if(t)!1;else{if("[====n)r=!0;else if("]====n&&r)!1;else
if("/====n&&r)break;t="\\\\"====n}++this.state.pos}const n=this.input.slice(e,this.state.pos);++this.state.pos;let
i="";for(;this.state.pos<this.length;){const
e=this.input[this.state.pos],t=this.input.codePointAt(this.state.pos);if(ye.has(e))i.indexOf(e)>-
1&&this.raise(this.state.pos+1,y.DuplicateRegExpFlags);else{if(!t)&&92!==(t)break;this.raise(this.state.pos+1,y.
MalformedRegExpFlags)}++this.state.pos,i+=e}this.finishToken(o.regex, {pattern:n,flags:i})readInt(e,t,r,n=!0){c
onst i=this.state.pos,s=16===e?Te.hex:Te.decBinOct,a=16===e?be.hex:10===e?be.dec:8===e?be.oct:be.bin;let
o=!1,l=0;for(let i=0,c=null==t?1/0:t;i<c;++i){const t=this.input.charCodeAtAt(this.state.pos);let
c;if(95!==(t){if(c>=97?t-97+10:t>=65?t-65+10:me(t)?t-
48:1/0,c>=e)if(this.options.errorRecovery&&c<=9)c=0,this.raise(this.state.start+i+2,y.InvalidDigit,e);else{if(!r)bre
ak;c=0,o=!0}++this.state.pos,l=1*e+c}const e=this.input.charCodeAtAt(this.state.pos-
1),t=this.input.charCodeAtAt(this.state.pos+1);(-1===a.indexOf(t)||s.indexOf(e)>-1||s.indexOf(t)>-
1||Number.isNaN(t))&&this.raise(this.state.pos,y.UnexpectedNumericSeparator,n)||this.raise(this.state.pos,y.Numeri
cSeparatorInEscapeSequence),++this.state.pos}return this.state.pos===i|null!=t&&this.state.pos-
i!=t||o?null:l}readRadixNumber(e){const t=this.state.pos;let r=!1,this.state.pos+=2;const
n=this.readInt(e);null==n&&this.raise(this.state.start+2,y.InvalidDigit,e);const
i=this.input.charCodeAtAt(this.state.pos);if(110===i)++this.state.pos,r=!0;else if(109===i)throw
this.raise(t,y.InvalidDecimal);if(O(this.input.codePointAt(this.state.pos)))throw
this.raise(this.state.pos,y.NumberIdentifier);if(r){const
e=this.input.slice(t,this.state.pos).replace(/[_n]/g,"");this.finishToken(o.bigint,e)}else
this.finishToken(o.num,n)}readNumber(e){const t=this.state.pos;let
r=!1,n=!1,i=!1,s=!1,a=!1,e|null!=this.readInt(10)||this.raise(t,y.InvalidNumber);const l=this.state.pos-
t>=2&&48===this.input.charCodeAtAt(t);if(l){const
e=this.input.slice(t,this.state.pos);if(this.state.strict)this.raise(t,y.StrictOctalLiteral);else{const
r=e.indexOf("_");r>0&&this.raise(r+t,y.ZeroDigitNumericSeparator)}a=l&&!/89/.test(e)}let
c=this.input.charCodeAtAt(this.state.pos);if(46!==(c||a)(++this.state.pos,this.readInt(10),r=!0,c=this.input.charCodeAtAt(t
his.state.pos)),69!==(c&&101!==(c||a)(c=this.input.charCodeAtAt(++this.state.pos),43!==(c&&45!==(c||++this.state.pos,
null===this.readInt(10))&&this.raise(t,y.InvalidOrMissingExponent),r=!0,s=!0,c=this.input.charCodeAtAt(this.state.po
s)),110===c&&((r||l)&&this.raise(t,y.InvalidBigIntLiteral),++this.state.pos,n=!0),109===c&&(this.expectPlugin("d
ecimal",this.state.pos),(s||l)&&this.raise(t,y.InvalidDecimal),++this.state.pos,i=!0),O(this.input.codePointAt(this.stat
e.pos)))throw this.raise(this.state.pos,y.NumberIdentifier);const
p=this.input.slice(t,this.state.pos).replace(/[_mn]/g,"");if(n)return void this.finishToken(o.bigint,p);if(i)return void
this.finishToken(o.decimal,p);const
u=a?parseInt(p,8):parseFloat(p);this.finishToken(o.num,u)}readCodePoint(e){let
t;if(123===this.input.charCodeAtAt(this.state.pos)){const
r=++this.state.pos;if(t=this.readHexChar(this.input.indexOf(")",this.state.pos)-
this.state.pos,!0,e),++this.state.pos,null!=t&&t>1114111){if(!e)return null;this.raise(r,y.InvalidCodePoint)}else
t=this.readHexChar(4,!1,e);return t}readString(e){let
t="",r=++this.state.pos;for(;;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,y.UnterminatedString);const
n=this.input.charCodeAtAt(this.state.pos);if(n===e)break;if(92===n)t+=this.input.slice(r,this.state.pos),t+=this.readEs
capedChar(!1),r=this.state.pos;else
if(8232===n||8233===n)++this.state.pos,++this.state.curLine,this.state.lineStart=this.state.pos;else{if(p(n))throw
this.raise(this.state.start,y.UnterminatedString);++this.state.pos}}t+=this.input.slice(r,this.state.pos++),this.finishTo
ken(o.string,t)}readTplToken(){let e="",t=this.state.pos,r=!1;for(;;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,y.UnterminatedTemplate);const
n=this.input.charCodeAtAt(this.state.pos);if(96===n||36===n&&123===this.input.charCodeAtAt(this.state.pos+1))retur
n this.state.pos===this.state.start&&this.match(o.template)?36===n?(this.state.pos+=2,void

```



```

this.finishToken(o.dollarBraceL):(++this.state.pos,void
this.finishToken(o.backQuote):(e+=this.input.slice(t,this.state.pos),void
this.finishToken(o.template,r?null:e);if(92===n){e+=this.input.slice(t,this.state.pos);const
n=this.readEscapedChar(!0);null===n?r=!0:e+=n,t=this.state.pos}else
if(p(n)){switch(e+=this.input.slice(t,this.state.pos),++this.state.pos,n){case
13:10===this.input.charCodeAtAt(this.state.pos)&&++this.state.pos;case
10:e+="\n";break;default:e+=String.fromCharCode(n)}++this.state.curLine,this.state.lineStart=this.state.pos,t=this
.state.pos}else++this.state.pos}}readEscapedChar(e){const
t=!e,r=this.input.charCodeAtAt(++this.state.pos);switch(++this.state.pos,r){case 110:return"\n";case
114:return"\"";case 120:{const e=this.readHexChar(2,!1,t);return null===e?null:String.fromCharCode(e)}case
117:{const e=this.readCodePoint(t);return null===e?null:String.fromCharCode(e)}case 116:return"\"";case
98:return"\\b";case 118:return"\\v";case 102:return"\\f";case
13:10===this.input.charCodeAtAt(this.state.pos)&&++this.state.pos;case
10:this.state.lineStart=this.state.pos,++this.state.curLine;case 8232:case 8233:return"";case 56:case 57:if(e)return
null;this.state.strict&&this.raise(this.state.pos-1,y.StrictNumericEscape);default:if(r>=48&&r<=55){const
t=this.state.pos-1;let r=this.input.substr(this.state.pos-1,3).match(/^([0-
7]+)/[0],n=parseInt(r,8);n>255&&(r=r.slice(0,-1),n=parseInt(r,8)),this.state.pos+=r.length-1;const
i=this.input.charCodeAtAt(this.state.pos);if("0"!==r||56===i||57===i){if(e)return
null;this.state.strict?this.raise(t,y.StrictNumericEscape):this.state.octalPositions.push(t)}return
String.fromCharCode(n)}return String.fromCharCode(r)}readHexChar(e,t,r){const
n=this.state.pos,i=this.readInt(16,e,t,!1);return
null===i&&(r?this.raise(n,y.InvalidEscapeSequence):this.state.pos=n-1),i}readWord1(){let
e="";this.state.containsEsc=!1;const t=this.state.pos;let r=this.state.pos;for(;this.state.pos<this.length;){const
n=this.input.codePointAt(this.state.pos);if(I(n))this.state.pos+=n<=65535?1:2;else
if(this.state.isIterator&&64===n)++this.state.pos;else{if(92!==(n))break;{this.state.containsEsc=!0,e+=this.input.slic
e(r,this.state.pos);const
n=this.state.pos,i=this.state.pos===t?O:I;if(117!==(this.input.charCodeAtAt(++this.state.pos))){this.raise(this.state.pos,
y.MissingUnicodeEscape);continue}++this.state.pos;const
s=this.readCodePoint(!0);null!==s&&(i(s)||this.raise(n,y.EscapedCharNotAnIdentifier),e+=String.fromCharCode(s)
),r=this.state.pos}}return
e+this.input.slice(r,this.state.pos)}isIterator(e){return"@ @iterator"===e||"@ @asyncIterator"===e}readWord(){con
st
e=this.readWord1(),t=i.get(e)||o.name;!this.state.isIterator||this.isIterator(e)&&this.state.inType||this.raise(this.state.p
os,y.InvalidIdentifier,e),this.finishToken(t,e)}checkKeywordEscapes(){const
e=this.state.type.keyword;e&&this.state.containsEsc&&this.raise(this.state.start,y.InvalidEscapedReservedWord,e)}
braceIsBlock(e){const t=this.curContext();return
t===g.functionExpression||t===g.functionStatement||(e!==(o.colon||t===g.braceStatement&&t===g.braceExpression?
e===o._return||e===o.name&&this.state.exprAllowed?this.hasPrecedingLineBreak():e===o._else||e===o.semi||e===
=o.eof||e===o.parenR||e===o.arrow||(e===o.braceL?t===g.braceStatement:e!==(o._var&&e!==(o._const&&e!==(o.name&&
(e===o.relational||!this.state.exprAllowed)):!t.isExpr)}updateContext(e){const t=this.state.type;let
r;!t.keyword||e!==(o.dot&&e!==(o.questionDot?(r=t.updateContext)?r.call(this,e):this.state.exprAllowed=t.beforeExp
r:this.state.exprAllowed=!1)}}addExtra(e,t,r){if(!e)return;(e.extra=e.extra||{})[t]=r}isRelational(e){return
this.match(o.relational)&&this.state.value===e}expectRelational(e){this.isRelational(e)?this.next():this.unexpected(
null,o.relational)}isContextual(e){return
this.match(o.name)&&this.state.value===e&&!this.state.containsEsc}isUnparsedContextual(e,t){const
r=e+t.length;return
this.input.slice(e,r)===t&&(r===this.input.length||!I(this.input.charCodeAtAt(r)))}isLookaheadContextual(e){const
t=this.nextTokenStart();return this.isUnparsedContextual(t,e)}eatContextual(e){return

```

```

this.isContextual(e)&&this.eat(o.name)}expectContextual(e,t){this.eatContextual(e)||this.unexpected(null,t)}canInsertSemicolon(){return
this.match(o.eof)||this.match(o.braceR)||this.hasPrecedingLineBreak()}hasPrecedingLineBreak(){return
l.test(this.input.slice(this.state.lastTokEnd,this.state.start))}isLineTerminator(){return
this.eat(o.semi)||this.canInsertSemicolon()}semicolon(){this.isLineTerminator()}||this.unexpected(null,o.semi)}expect(e,t){this.eat(e)||this.unexpected(t,e)}assertNoSpace(e="Unexpected
space."){this.state.start>this.state.lastTokEnd&&this.raise(this.state.lastTokEnd,e)}unexpected(e,t="Unexpected
token"){throw"string"!=typeof t&&(t=`Unexpected token, expected
"${t.label}"`),this.raise(null!=e?e:this.state.start,t)}expectPlugin(e,t){if(!this.hasPlugin(e))throw
this.raiseWithData(null!=t?t:this.state.start,{missingPlugin:[e]},`This experimental syntax requires enabling the
parser plugin: \`${e}\``);return!0}expectOnePlugin(e,t){if(!e.some(e=>this.hasPlugin(e)))throw
this.raiseWithData(null!=t?t:this.state.start,{missingPlugin:e},`This experimental syntax requires enabling one of the
following parser plugin(s): \`${e.join(", ")}\``)}tryParse(e,t=this.state.clone()){const r={node:null};try{const
n=e(e=null)=>{throw r.node=e,r};if(this.state.errors.length>t.errors.length){const e=this.state;return
this.state=t,{node:n,error:e.errors[t.errors.length],thrown:!1,aborted:!1,failState:e}}return{node:n,error:null,thrown:!
1,aborted:!1,failState:null}}catch(e){const n=this.state;if(this.state=t,e instanceof
SyntaxError)return{node:null,error:e,thrown:!0,aborted:!1,failState:n};if(e===r)return{node:r.node,error:null,throw
n:!1,aborted:!0,failState:n};throw
e}}checkExpressionErrors(e,t){if(!e)return!1;const{shorthandAssign:r,doubleProto:n}=e;if(!t)return
r>=0||n>=0;r>=0&&this.unexpected(r,n>=0&&this.raise(n,y.DuplicateProto)}isLiteralPropertyName(){return
this.match(o.name)||!this.state.type.keyword||this.match(o.string)||this.match(o.num)||this.match(o.bigint)||this.matc
h(o.decimal)}}startNode(){return new xe(this,this.state.start,this.state.startLoc)}startNodeAt(e,t){return new
xe(this,e,t)}startNodeAtNode(e){return this.startNodeAt(e.start,e.loc.start)}finishNode(e,t){return
this.finishNodeAt(e,t,this.state.lastTokEnd,this.state.lastTokEndLoc)}finishNodeAt(e,t,r,n){return
e.type=t,e.end=r,e.loc.end=n,this.options.ranges&&(e.range[1]=r),this.processComment(e,e)}resetStartLocation(e,t,
r){e.start=t,e.loc.start=r,this.options.ranges&&(e.range[0]=t)}resetEndLocation(e,t=this.state.lastTokEnd,r=this.stat
e.lastTokEndLoc){e.end=t,e.loc.end=r,this.options.ranges&&(e.range[1]=t)}resetStartLocationFromNode(e,t){this.r
esetStartLocation(e,t.start,t.loc.start)}}toAssignable(e){var t,r;let n=void
0;switch(("ParenthesizedExpression"===e.type||(null==(t=e.extra)?void
0:t.parenthesized))&&(n=Ee(e),"Identifier"!==n.type&&"MemberExpression"!==n.type&&this.raise(e.start,y.Invalid
ParenthesizedAssignment)),e.type){case"Identifier":case"ObjectPattern":case"ArrayPattern":case"AssignmentPatte
rn":break;case"ObjectExpression":e.type="ObjectPattern";for(let t=0,r=e.properties.length,n=r-1;t<r;t++){var
i;const
r=e.properties[t],s=t===n;this.toAssignableObjectExpressionProp(r,s)&&"RestElement"===r.type&&(null==(i=e.
extra)?void
0:i.trailingComma)&&this.raiseRestNotLast(e.extra.trailingComma)}break;case"ObjectProperty":this.toAssignable(
e.value);break;case"SpreadElement":{this.checkToRestConversion(e),e.type="RestElement";const
t=e.argument;this.toAssignable(t);break}case"ArrayExpression":e.type="ArrayPattern",this.toAssignableList(e.elem
ents,null==(r=e.extra)?void
0:r.trailingComma);break;case"AssignmentExpression":e.type="AssignmentPattern",delete
e.operator,this.toAssignable(e.left);break;case"ParenthesizedExpression":this.toAssignable(n)}return
e}toAssignableObjectExpressionProp(e,t){if("ObjectMethod"===e.type){const
t="get"===e.kind||"set"===e.kind?y.PatternHasAccessor:y.PatternHasMethod;this.raise(e.key.start,t)}else"SpreadEl
ement"===e.type||t?this.toAssignable(e):this.raiseRestNotLast(e.start)}toAssignableList(e,t){let
r=e.length;if(r){const n=e[r-1];if("RestElement"===(null==n?void 0:n.type))--r;else
if("SpreadElement"===(null==n?void 0:n.type)){n.type="RestElement";const
e=n.argument;this.toAssignable(e),"Identifier"!==e.type&&"MemberExpression"!==e.type&&"ArrayPattern"!==e.t

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```

ype&&"ObjectPattern"!==e.type&&this.unexpected(e.start),t&&this.raiseTrailingCommaAfterRest(t,--r)}for(let
t=0;t<r;t++){const
r=e[t];r&&(this.toAssignable(r),"RestElement"===r.type&&this.raiseRestNotLast(r.start))return
e}toReferencedList(e,t){return e}toReferencedListDeep(e,t){this.toReferencedList(e,t);for(let
t=0;t<e.length;t++){const r=e[t];"ArrayExpression"===r?(null===r?void
0:r.type)&&this.toReferencedListDeep(r.elements)}}parseSpread(e,t){const r=this.startNode();return
this.next(),r.argument=this.parseMaybeAssignAllowIn(e,void
0,t),this.finishNode(r,"SpreadElement")}parseRestBinding(){const e=this.startNode();return
this.next(),e.argument=this.parseBindingAtom(),this.finishNode(e,"RestElement")}parseBindingAtom(){switch(this
.state.type){case o.bracketL:{const e=this.startNode();return
this.next(),e.elements=this.parseBindingList(o.bracketR,93,!0),this.finishNode(e,"ArrayPattern")}case
o.braceL:return this.parseObjectLike(o.braceR,!0)}return this.parseIdentifier()}parseBindingList(e,t,r,n){const
i=[];let
s=!0;for(;!this.eat(e);if(s?s=!1:this.expect(o.comma),r&&this.match(o.comma))i.push(null);else{if(this.eat(e))break
;if(this.match(o.ellipsis)){i.push(this.parseAssignableListItemTypes(this.parseRestBinding())),this.checkCommaAft
erRest(t),this.expect(e);break}}const
e=[];for(this.match(o.at)&&this.hasPlugin("decorators")&&this.raise(this.state.start,y.UnsupportedParameterDecora
tor);this.match(o.at);)e.push(this.parseDecorator());i.push(this.parseAssignableListItem(n,e))}return
i}parseAssignableListItem(e,t){const r=this.parseMaybeDefault();this.parseAssignableListItemTypes(r);const
n=this.parseMaybeDefault(r.start,r.loc.start,r);return
t.length&&(r.decorators=t),n}parseAssignableListItemTypes(e){return e}parseMaybeDefault(e,t,r){var
n,i,s;if(t=null!=(n=t)?n:this.state.startLoc,e=null!=(i=e)?i:this.state.start,r=null!=(s=r)?s:this.parseBindingAtom(),!th
is.eat(o.eq))return r;const a=this.startNodeAt(e,t);return
a.left=r,a.right=this.parseMaybeAssignAllowIn(),this.finishNode(a,"AssignmentPattern")}checkLVal(e,t=64,r,n,i,s=
!1){switch(e.type){case"Identifier":if(this.state.strict&&(s?F(e.name,this.inModule):j(e.name))&&this.raise(e.start,6
4===t?y.StrictEvalArguments:y.StrictEvalArgumentsBinding,e.name),r){const
t="_"+e.name;r[t]?this.raise(e.start,y.ParamDupe):r[t]=!0;i&&"let"===e.name&&this.raise(e.start,y.LetInLexicalBi
nding),64&t||this.scope.declareName(e.name,t,e.start);break;case"MemberExpression":64!==t&&this.raise(e.start,y
.InvalidPropertyBindingPattern);break;case"ObjectPattern":for(let n=0,s=e.properties;n<s.length;n++){let
e=s[n];if("ObjectProperty"===e.type)e=e.value;else
if("ObjectMethod"===e.type)continue;this.checkLVal(e,t,r,"object destructuring
pattern",i)}break;case"ArrayPattern":for(let n=0,s=e.elements;n<s.length;n++){const
e=s[n];e&&this.checkLVal(e,t,r,"array destructuring
pattern",i)}break;case"AssignmentPattern":this.checkLVal(e.left,t,r,"assignment
pattern");break;case"RestElement":this.checkLVal(e.argument,t,r,"rest
element");break;case"ParenthesizedExpression":this.checkLVal(e.expression,t,r,"parenthesized
expression");break;default:this.raise(e.start,64===t?y.InvalidLhs:y.InvalidLhsBinding,n)}}checkToRestConversion(
e){"Identifier"!==e.argument.type&&"MemberExpression"!==e.argument.type&&this.raise(e.argument.start,y.Invalid
RestAssignmentPattern)}checkCommaAfterRest(e){this.match(o.comma)&&(this.lookaheadCharCode()===e?thi
s.raiseTrailingCommaAfterRest(this.state.start):this.raiseRestNotLast(this.state.start))}raiseRestNotLast(e){throw
this.raise(e,y.ElementAfterRest)}raiseTrailingCommaAfterRest(e){this.raise(e,y.RestTrailingComma)}}{checkProt
o(e,t,r,n){if("SpreadElement"===e.type||"ObjectMethod"===e.type||e.computed||e.shorthand)return;const
i=e.key;if("__proto__"===("Identifier"===i.type?i.name:i.value)){if(t)return void
this.raise(i.start,y.RecordNoProto);r.used&&(n?-
1===n.doubleProto&&(n.doubleProto=i.start):this.raise(i.start,y.DuplicateProto)),r.used=!0}}shouldExitDescending
(e,t){return"ArrowFunctionExpression"===e.type&&e.start===t}getExpression(){let
e=0;this.hasPlugin("topLevelAwait")&&this.inModule&&(e|=2),this.scope.enter(1),this.prodParam.enter(e),this.nex
tToken();const t=this.parseExpression();return

```

```

this.match(o.eof)||this.unexpected(),t.comments=this.state.comments,t.errors=this.state.errors,t)parseExpression(e,t)
{return
e?this.disallowInAnd(=>this.parseExpressionBase(t):this.allowInAnd(=>this.parseExpressionBase(t))}parseExp
ressionBase(e){const
t=this.state.start,r=this.state.startLoc,n=this.parseMaybeAssign(e);if(this.match(o.comma)){const
i=this.startNodeAt(t,r);for(i.expressions=[n];this.eat(o.comma);i.expressions.push(this.parseMaybeAssign(e));retur
n this.toReferencedList(i.expressions),this.finishNode(i,"SequenceExpression"))}return
n}parseMaybeAssignDisallowIn(e,t,r){return
this.disallowInAnd(=>this.parseMaybeAssign(e,t,r))}parseMaybeAssignAllowIn(e,t,r){return
this.allowInAnd(=>this.parseMaybeAssign(e,t,r))}parseMaybeAssign(e,t,r){const
n=this.state.start,i=this.state.startLoc;if(this.isContextual("yield")&&this.prodParam.hasYield){this.state.exprAllow
ed=!0;let e=this.parseYield();return t&&(e=t.call(this,e,n,i)),e}let s;e?s=!1:(e=new
Se,s=!0),(this.match(o.parenL)||this.match(o.name))&&(this.state.potentialArrowAt=this.state.start);let
a=this.parseMaybeConditional(e,r);if(t&&(a=t.call(this,a,n,i)),this.state.type.isAssign){const
t=this.startNodeAt(n,i),r=this.state.value;return
t.operator=r,this.match(o.eq)?(t.left=this.toAssignable(a),e.doubleProto=-
1):t.left=a,e.shorthandAssign>=t.left.start&&(e.shorthandAssign=-1),this.checkLVal(a,void 0,void 0,"assignment
expression"),this.next(),t.right=this.parseMaybeAssign(),this.finishNode(t,"AssignmentExpression")}return
s&&this.checkExpressionErrors(e,!0),a}parseMaybeConditional(e,t){const
r=this.state.start,n=this.state.startLoc,i=this.state.potentialArrowAt,s=this.parseExprOps(e);return
this.shouldExitDescending(s,i)?s:this.parseConditional(s,r,n,t)}parseConditional(e,t,r,n){if(this.eat(o.question)){con
st n=this.startNodeAt(t,r);return
n.test=e,n.consequent=this.parseMaybeAssignAllowIn(),this.expect(o.colon),n.alternate=this.parseMaybeAssign(),t
his.finishNode(n,"ConditionalExpression")}return e}parseExprOps(e){const
t=this.state.start,r=this.state.startLoc,n=this.state.potentialArrowAt,i=this.parseMaybeUnary(e);return
this.shouldExitDescending(i,n)?i:this.parseExprOp(i,t,r,-1)}parseExprOp(e,t,r,n){let
i=this.state.type.binop;if(null!=i&&(this.prodParam.hasIn||!this.match(o._in))&&i>n){const
s=this.state.type;if(s===o.pipeline){if(this.expectPlugin("pipelineOperator"),this.state.inFSharpPipelineDirectBody)
return e;this.state.inPipeline=!0,this.checkPipelineAtInfixOperator(e,t)}const
a=this.startNodeAt(t,r);a.left=e,a.operator=this.state.value,s!===o.exponent||"UnaryExpression"!==e.type||!this.option
s.createParenthesizedExpressions&&e.extra&&e.extra.parenthesized||this.raise(e.argument.start,y.UnexpectedToken
UnaryExponentiation);const
l=s===o.logicalOR||s===o.logicalAND,c=s===o.nullishCoalescing;if(c&&(i=o.logicalAND.binop),this.next(),s===
o.pipeline&&"minimal"===this.getPluginOption("pipelineOperator","proposal")&&this.match(o.name)&&"await"
===this.state.value&&this.prodParam.hasAwait)throw
this.raise(this.state.start,y.UnexpectedAwaitAfterPipelineBody);a.right=this.parseExprOpRightExpr(s,i),this.finishN
ode(a,l|c?"LogicalExpression":"BinaryExpression");const
p=this.state.type;if(c&&(p===o.logicalOR||p===o.logicalAND)||l&&p===o.nullishCoalescing)throw
this.raise(this.state.start,y.MixingCoalesceWithLogical);return this.parseExprOp(a,t,r,n)}return
e}parseExprOpRightExpr(e,t){const r=this.state.start,n=this.state.startLoc;switch(e){case
o.pipeline:switch(this.getPluginOption("pipelineOperator","proposal")){case"smart":return
this.withTopicPermittingContext(=>this.parseSmartPipelineBody(this.parseExprOpBaseRightExpr(e,t),r,n));case"f
sharp":return this.withSoloAwaitPermittingContext(=>this.parseFSharpPipelineBody(t))}default:return
this.parseExprOpBaseRightExpr(e,t)}parseExprOpBaseRightExpr(e,t){const
r=this.state.start,n=this.state.startLoc;return this.parseExprOp(this.parseMaybeUnary(),r,n,e.rightAssociative?t-
1:t)}parseMaybeUnary(e){if(this.isContextual("await")&&this.isAwaitAllowed())return this.parseAwait();const
t=this.match(o.incDec),r=this.startNode();if(this.state.type.prefix){r.operator=this.state.value,r.prefix=!0,this.match(
o._throw)&&this.expectPlugin("throwExpressions");const

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n=this.match(o._delete);if(this.next(),r.argument=this.parseMaybeUnary(),this.checkExpressionErrors(e,!0),this.stat
e.strict&&n){const
e=r.argument;"Identifier"===e.type?this.raise(r.start,y.StrictDelete):"MemberExpression"!==e.type&&"OptionalMe
mberExpression"!==e.type||"PrivateName"!==e.property.type||this.raise(r.start,y.DeletePrivateField)}if(!t)return
this.finishNode(r,"UnaryExpression")}return this.parseUpdate(r,t,e)}parseUpdate(e,t,r){if(t)return
this.checkLVal(e.argument,void 0,void 0,"prefix operation"),this.finishNode(e,"UpdateExpression");const
n=this.state.start,i=this.state.startLoc;let s=this.parseExprSubscripts(r);if(this.checkExpressionErrors(r,!1))return
s;for(;this.state.type.postfix&&!this.canInsertSemicolon();){const
e=this.startNodeAt(n,i);e.operator=this.state.value,e.prefix=!1,e.argument=s,this.checkLVal(s,void 0,void 0,"postfix
operation"),this.next(),s=this.finishNode(e,"UpdateExpression")}return s}parseExprSubscripts(e){const
t=this.state.start,r=this.state.startLoc,n=this.state.potentialArrowAt,i=this.parseExprAtom(e);return
this.shouldExitDescending(i,n)?i:this.parseSubscripts(i,t,r)}parseSubscripts(e,t,r,n){const
i={optionalChainMember:!1,maybeAsyncArrow:this.atPossibleAsyncArrow(e),stop:!1};do{e=this.parseSubscript(e,
t,r,n,i),i.maybeAsyncArrow=!1}while(!i.stop);return
e}parseSubscript(e,t,r,n,i){if(!n&&this.eat(o.doubleColon))return
this.parseBind(e,t,r,n,i);if(this.match(o.backQuote))return this.parseTaggedTemplateExpression(e,t,r,i);let
s=!1;if(this.match(o.questionDot)){if(i.optionalChainMember=s=!0,n&&40===this.lookaheadCharCode())return
i.stop=!0,e;this.next()}return!n&&this.match(o.parenL)?this.parseCoverCallAndAsyncArrowHead(e,t,r,i,s):s||this.m
atch(o.bracketL)||this.eat(o.dot)?this.parseMember(e,t,r,i,s):(i.stop=!0,e)}parseMember(e,t,r,n,i){const
s=this.startNodeAt(t,r),a=this.eat(o.bracketL);s.object=e,s.computed=a;const
l=a?this.parseExpression():this.parseMaybePrivateName(!0);return"PrivateName"===l.type&&"Super"===s.object
.type&&this.raise(t,y.SuperPrivateField),this.classScope.usePrivateName(l.id.name,l.start),s.property=l,a&&this.ex
pect(o.bracketR),n.optionalChainMember?(s.optional=i,this.finishNode(s,"OptionalMemberExpression")):this.finish
Node(s,"MemberExpression")}parseBind(e,t,r,n,i){const s=this.startNodeAt(t,r);return
s.object=e,s.callee=this.parseNoCallExpr(),i.stop=!0,this.parseSubscripts(this.finishNode(s,"BindExpression"),t,r,n)
}parseCoverCallAndAsyncArrowHead(e,t,r,n,i){const
s=this.state.maybeInArrowParameters;this.state.maybeInArrowParameters=!0,this.next();let
a=this.startNodeAt(t,r);return a.callee=e,n.maybeAsyncArrow&&this.expressionScope.enter(new
ve(2)),n.optionalChainMember&&(a.optional=i),a.arguments=i?this.parseCallExpressionArguments(o.parenR,!1):th
is.parseCallExpressionArguments(o.parenR,n.maybeAsyncArrow,"Import"===e.type,"Super"!==e.type,a),this.finis
hCallExpression(a,n.optionalChainMember),n.maybeAsyncArrow&&this.shouldParseAsyncArrow()&&!i?(n.stop=!
0,this.expressionScope.validateAsPattern(),this.expressionScope.exit(),a=this.parseAsyncArrowFromCallExpression
(this.startNodeAt(t,r),a):(n.maybeAsyncArrow&&this.expressionScope.exit(),this.toReferencedArguments(a),this.
state.maybeInArrowParameters=s,a)toReferencedArguments(e,t){this.toReferencedListDeep(e.arguments,t)}parseT
aggedTemplateExpression(e,t,r,n){const i=this.startNodeAt(t,r);return
i.tag=e,i.quasi=this.parseTemplate(!0),n.optionalChainMember&&this.raise(t,y.OptionalChainingNoTemplate),this.
finishNode(i,"TaggedTemplateExpression")}atPossibleAsyncArrow(e){return"Identifier"===e.type&&"async"===e
.name&&this.state.lastTokEnd===e.end&&!this.canInsertSemicolon()&&e.end-
e.start===5&&e.start===this.state.potentialArrowAt}finishCallExpression(e,t){if("Import"===e.callee.type)if(2===e
.arguments.length&&(this.hasPlugin("moduleAttributes")||this.expectPlugin("importAssertions")),0===e.arguments.
length||e.arguments.length>2)this.raise(e.start,y.ImportCallArity,this.hasPlugin("importAssertions")||this.hasPlugin("
moduleAttributes")?"one or two arguments":"one argument");else for(let t=0,r=e.arguments;t<r.length;t++){const
e=r[t];"SpreadElement"===e.type&&this.raise(e.start,y.ImportCallSpreadArgument)}return
this.finishNode(e,t?"OptionalCallExpression":"CallExpression")}parseCallExpressionArguments(e,t,r,n,i){const
s=[];let a,l=!0;const
c=this.state.inFSharpPipelineDirectBody;for(this.state.inFSharpPipelineDirectBody=!1;!this.eat(e);){if(l)=!1;else
if(this.expect(o.comma),this.match(e)){!r||this.hasPlugin("importAssertions")||this.hasPlugin("moduleAttributes")||th
is.raise(this.state.lastTokStart,y.ImportCallArgumentTrailingComma),i&&this.addExtra(i,"trailingComma",this.stat

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e.lastTokStart),this.next();break}this.match(o.parenL)&&!a&&(a=this.state.start),s.push(this.parseExprListItem(!1,t
?new Se:void 0,t){start:0}:void 0,n))}return
t&&a&&this.shouldParseAsyncArrow()&&this.unexpected(),this.state.inFSharpPipelineDirectBody=c,s}shouldPar
seAsyncArrow(){return
this.match(o.arrow)&&!this.canInsertSemicolon()}parseAsyncArrowFromCallExpression(e,t){var r;return
this.expect(o.arrow),this.parseArrowExpression(e,t.arguments,!0,null==(r=t.extra)?void
0:r.trailingComma,e)}parseNoCallExpr(){const e=this.state.start,t=this.state.startLoc;return
this.parseSubscripts(this.parseExprAtom(),e,t,!0)}parseExprAtom(e){this.state.type===o.slash&&this.readRegexp()
;const t=this.state.potentialArrowAt===this.state.start;let r;switch(this.state.type){case o._super:return
this.parseSuper();case o._import:return
r=this.startNode(),this.next(),this.match(o.dot)?this.parseImportMetaProperty(r):(this.match(o.parenL)||this.raise(this
.state.lastTokStart,y.UnsupportedImport),this.finishNode(r,"Import"));case o._this:return
r=this.startNode(),this.next(),this.finishNode(r,"ThisExpression");case o.name:{const
e=this.state.containsEsc,r=this.parseIdentifier();if(!e&&"async"===r.name&&!this.canInsertSemicolon()){if(this.m
atch(o._function)){const e=this.state.context.length-1;if(this.state.context[e]!==g.functionStatement)throw new
Error("Internal error");return
this.state.context[e]=g.functionExpression,this.next(),this.parseFunction(this.startNodeAtNode(r),void
0,!0)}if(this.match(o.name))return this.parseAsyncArrowUnaryFunction(r)}return
t&&this.match(o.arrow)&&!this.canInsertSemicolon()?(this.next(),this.parseArrowExpression(this.startNodeAtNod
e(r),[r,!1]):r)}case o._do:return this.parseDo();case o.regexp:{const e=this.state.value;return
r=this.parseLiteral(e.value,"RegExpLiteral"),r.pattern=e.pattern,r.flags=e.flags,r}case o.num:return
this.parseLiteral(this.state.value,"NumericLiteral");case o.bigint:return
this.parseLiteral(this.state.value,"BigIntLiteral");case o.decimal:return
this.parseLiteral(this.state.value,"DecimalLiteral");case o.string:return
this.parseLiteral(this.state.value,"StringLiteral");case o._null:return
r=this.startNode(),this.next(),this.finishNode(r,"NullLiteral");case o._true:case o._false:return
this.parseBooleanLiteral();case o.parenL:return this.parseParenAndDistinguishExpression(t);case
o.bracketBarL:case o.bracketHashL:return
this.parseArrayLike(this.state.type===o.bracketBarL?o.bracketBarR:o.bracketR,!1,!0,e);case o.bracketL:return
this.parseArrayLike(o.bracketR,!0,!1,e);case o.braceBarL:case o.braceHashL:return
this.parseObjectLike(this.state.type===o.braceBarL?o.braceBarR:o.braceR,!1,!0,e);case o.braceL:return
this.parseObjectLike(o.braceR,!1,!1,e);case o._function:return this.parseFunctionOrFunctionSent();case
o.at:this.parseDecorators();case o._class:return r=this.startNode(),this.takeDecorators(r),this.parseClass(r,!1);case
o._new:return this.parseNewOrNewTarget();case o.backQuote:return this.parseTemplate(!1);case
o.doubleColon:{r=this.startNode(),this.next(),r.object=null;const
e=r.callee=this.parseNoCallExpr();if("MemberExpression"===e.type)return
this.finishNode(r,"BindExpression");throw this.raise(e.start,y.UnsupportedBind)}case
o.hash:{if(this.state.inPipeline)return
r=this.startNode(),"smart"!==this.getPluginOption("pipelineOperator","proposal")&&this.raise(r.start,y.PrimaryTop
icRequiresSmartPipeline),this.next(),this.primaryTopicReferenceIsAllowedInCurrentTopicContext()||this.raise(r.star
t,y.PrimaryTopicNotAllowed),this.registerTopicReference(),this.finishNode(r,"PipelinePrimaryTopicReference");co
nst e=this.input.codePointAt(this.state.end);if(O(e)||92===e){const
e=this.state.start;if(r=this.parseMaybePrivateName(!0),this.match(o._in))this.expectPlugin("privateIn"),this.classSco
pe.usePrivateName(r.id.name,r.start);else{if(!this.hasPlugin("privateIn"))throw
this.unexpected(e);this.raise(this.state.start,y.PrivateInExpectedIn,r.id.name)}return r}}case
o.relational:if("<"===this.state.value){const
e=this.input.codePointAt(this.nextTokenStart());(O(e)||62===e)&&this.expectOnePlugin(["jsx","flow","typescript"]
)}default:throw this.unexpected()}}parseAsyncArrowUnaryFunction(e){const

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t=this.startNodeAtNode(e);this.prodParam.enter(ne(!0,this.prodParam.hasYield));const
r=[this.parseIdentifier()];return
this.prodParam.exit(),this.hasPrecedingLineBreak()&&this.raise(this.state.pos,y.LineTerminatorBeforeArrow),this.e
xpect(o.arrow),this.parseArrowExpression(t,r,!0),t}parseDo(){this.expectPlugin("doExpressions");const
e=this.startNode();this.next();const t=this.state.labels;return
this.state.labels=[],e.body=this.parseBlock(),this.state.labels=t,this.finishNode(e,"DoExpression")}parseSuper(){con
st e=this.startNode();return
this.next(),!this.match(o.parenL)||this.scope.allowDirectSuper||this.options.allowSuperOutsideMethod?this.scope.all
owSuper||this.options.allowSuperOutsideMethod||this.raise(e.start,y.UnexpectedSuper):this.raise(e.start,y.SuperNot
Allowed),this.match(o.parenL)||this.match(o.bracketL)||this.match(o.dot)||this.raise(e.start,y.UnsupportedSuper),this.
finishNode(e,"Super")}parseBooleanLiteral(){const e=this.startNode();return
e.value=this.match(o._true),this.next(),this.finishNode(e,"BooleanLiteral")}parseMaybePrivateName(e){if(this.matc
h(o.hash)){this.expectOnePlugin(["classPrivateProperties","classPrivateMethods"]),e||this.raise(this.state.pos,y.Unex
pectedPrivateField);const t=this.startNode();return this.next(),this.assertNoSpace("Unexpected space between #
and identifier"),t.id=this.parseIdentifier(!0),this.finishNode(t,"PrivateName")}return
this.parseIdentifier(!0)}parseFunctionOrFunctionSent(){const
e=this.startNode();if(this.next(),this.prodParam.hasYield&&this.match(o.dot)){const
t=this.createIdentifier(this.startNodeAtNode(e),"function");return
this.next(),this.parseMetaProperty(e,t,"sent")}return
this.parseFunction(e)}parseMetaProperty(e,t,r){e.meta=t,"function"===t.name&&"sent"===r&&(this.isContextual(
r)?this.expectPlugin("functionSent"):this.hasPlugin("functionSent"))||this.unexpected();const
n=this.state.containsEsc;return
e.property=this.parseIdentifier(!0),(e.property.name!==r||n)&&this.raise(e.property.start,y.UnsupportedMetaPropert
y,t.name,r),this.finishNode(e,"MetaProperty")}parseImportMetaProperty(e){const
t=this.createIdentifier(this.startNodeAtNode(e),"import");return
this.next(),this.isContextual("meta")&&(this.inModule||this.raiseWithData(t.start,{code:"BABEL_PARSER_SOUR
CETYPE_MODULE_REQUIRED"},y.ImportMetaOutsideModule),this.sawUnambiguousESM=!0),this.parseMeta
Property(e,t,"meta")}parseLiteral(e,t,r,n){r=r||this.state.start,n=n||this.state.startLoc;const
i=this.startNodeAt(r,n);return
this.addExtra(i,"rawValue",e),this.addExtra(i,"raw",this.input.slice(r,this.state.end)),i.value=e,this.next(),this.finishN
ode(i,t)}parseParenAndDistinguishExpression(e){const t=this.state.start,r=this.state.startLoc;let
n;this.next(),this.expressionScope.enter(new ve(1));const
i=this.state.maybeInArrowParameters,s=this.state.inFSharpPipelineDirectBody;this.state.maybeInArrowParameters
=!0,this.state.inFSharpPipelineDirectBody=!1;const a=this.state.start,l=this.state.startLoc,c=[],p=new
Se,u={start:0};let d,h,f=!0;for(;!this.match(o.parenR);){if(f)f=!1;else
if(this.expect(o.comma,u.start||null),this.match(o.parenR)){h=this.state.start;break}if(this.match(o.ellipsis)){const
e=this.state.start,t=this.state.startLoc;d=this.state.start,c.push(this.parseParenItem(this.parseRestBinding(),e,t)),this.c
heckCommaAfterRest(41);break}c.push(this.parseMaybeAssignAllowIn(p,this.parseParenItem,u))}const
m=this.state.lastTokEnd,y=this.state.lastTokEndLoc;this.expect(o.parenR),this.state.maybeInArrowParameters=i,thi
s.state.inFSharpPipelineDirectBody=s;let
T=this.startNodeAt(t,r);if(e&&this.shouldParseArrow()&&(T=this.parseArrow(T))){this.expressionScope.validateA
sPattern(),this.expressionScope.exit();for(let e=0;e<c.length;e++){const
t=c[e];t.extra&&t.extra.parenthesized&&this.unexpected(t.extra.parenStart)}return
this.parseArrowExpression(T,c,!1),T}if(this.expressionScope.exit(),c.length||this.unexpected(this.state.lastTokStart),
h&&this.unexpected(h),d&&this.unexpected(d),this.checkExpressionErrors(p,!0),u.start&&this.unexpected(u.start),
this.toReferencedListDeep(c,!0),c.length>1?(n=this.startNodeAt(a,l),n.expressions=c,this.finishNodeAt(n,"Sequenc
eExpression",m,y)):n=c[0],!this.options.createParenthesizedExpressions)return
this.addExtra(n,"parenthesized",!0),this.addExtra(n,"parenStart",t),n;const b=this.startNodeAt(t,r);return

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b.expression=n,this.finishNode(b,"ParenthesizedExpression"),b}shouldParseArrow(){return!this.canInsertSemicolon()}parseArrow(e){if(this.eat(o.arrow))return e}parseParenItem(e,t,r){return e}parseNewOrNewTarget(){const e=this.startNode();if(this.next(),this.match(o.dot)){const t=this.createIdentifier(this.startNodeAtNode(e),"new");this.next();const r=this.parseMetaProperty(e,t,"target");if(!this.scope.inNonArrowFunction&&!this.scope.inClass){let e=y.UnexpectedNewTarget;this.hasPlugin("classProperties")&&(e+=" or class properties"),this.raise(r.start,e)}return r}return this.parseNew(e)}parseNew(e){return e.callee=this.parseNoCallExpr(),"Import"===e.callee.type?this.raise(e.callee.start,y.ImportCallNotNewExpression):"OptionalMemberExpression"===e.callee.type||"OptionalCallExpression"===e.callee.type?this.raise(this.state.lastTokEnd,y.OptionalChainingNoNew):this.eat(o.questionDot)&&this.raise(this.state.start,y.OptionalChainingNoNew),this.parseNewArguments(e),this.finishNode(e,"NewExpression")}parseNewArguments(e){if(this.eat(o.parenL)){const t=this.parseExprList(o.parenR);this.toReferencedList(t),e.arguments=t}else e.arguments=[]}parseTemplateElement(e){const t=this.startNode();return null===this.state.value&&(e||this.raise(this.state.start+1,y.InvalidEscapeSequenceTemplate)),t.value={raw:this.input.slice(this.state.start,this.state.end).replace(/\\r\\n?/g,"\\n"),cooked:this.state.value},this.next(),t.tail=this.match(o.backQuote),this.finishNode(t,"TemplateElement")}parseTemplate(e){const t=this.startNode();this.next(),t.expressions=[];let r=this.parseTemplateElement(e);for(t.quasis=[r];!r.tail;)this.expect(o.dollarBraceL),t.expressions.push(this.parseTemplateSubstitution()),this.expect(o.braceR),t.quasis.push(r=this.parseTemplateElement(e));return this.next(),this.finishNode(t,"TemplateLiteral")}parseTemplateSubstitution(){return this.parseExpression()}parseObjectLike(e,t,r,n){r&&this.expectPlugin("recordAndTuple");const i=this.state.inFSharpPipelineDirectBody;this.state.inFSharpPipelineDirectBody=!1;const s=Object.create(null);let a=!0;const l=this.startNode();for(l.properties=[],this.next();!this.match(e);){if(a)else if(this.expect(o.comma),this.match(e)){this.addExtra(l,"trailingComma",this.state.lastTokStart);break}const i=this.parsePropertyDefinition(t,n);t||this.checkProto(i,r,s,n,r&&"ObjectProperty"!==i.type&&"SpreadElement"!==i.type&&this.raise(i.start,y.InvalidRecordProperty),i.shorthand&&this.addExtra(i,"shorthand",!0),l.properties.push(i))this.state.exprAllowed=!1,this.next(),this.state.inFSharpPipelineDirectBody=i;let c="ObjectExpression";return t?c="ObjectPattern":r&&(c="RecordExpression"),this.finishNode(l,c)}maybeAsyncOrAccessorProp(e){return!e.computed&&"Identifier"===e.key.type&&(this.isLiteralPropertyName()||this.match(o.bracketL)||this.match(o.star))}parsePropertyDefinition(e,t){let r=[];if(this.match(o.at))for(this.hasPlugin("decorators")&&this.raise(this.state.start,y.UnsupportedPropertyDecorator);this.match(o.at);)r.push(this.parseDecorator());const n=this.startNode();let i,s,a=!1,l=!1,c=!1;if(this.match(o.ellipsis))return r.length&&this.unexpected(),e?(this.next(),n.argument=this.parseIdentifier(),this.checkCommaAfterRest(125),this.finishNode(n,"RestElement")):this.parseSpread();r.length&&(n.decorators=r,r=[]),n.method=!1,(e||t)&&(i=this.state.start,s=this.state.startLoc),e||(a=this.eat(o.star));const p=this.state.containsEsc,u=this.parsePropertyName(n,!1);if(!e&&!a&&!p&&this.maybeAsyncOrAccessorProp(n)){const e=u.name;"async"!==e||this.hasPrecedingLineBreak()||(l=!0,a=this.eat(o.star),this.parsePropertyName(n,!1)),"get"!==e&&"set"!==e||c=!0,n.kind=e,this.match(o.star)&&(a=!0,this.raise(this.state.pos,y.AccessorIsGenerator,e),this.next()),this.parsePropertyName(n,!1)}return this.parseObjPropValue(n,i,s,a,l,e,c,t),n}getGetterSetterExpectedParamCount(e){return"get"===e.kind?0:1}getObjectOrClassMethodParams(e){return e.params}checkGetterSetterParams(e){var t;const r=this.getGetterSetterExpectedParamCount(e),n=this.getObjectOrClassMethodParams(e),i=e.start;n.length!==r&&("get"===e.kind?this.raise(i,y.BadGetterArity):this.raise(i,y.BadSetterArity)),"set"===e.kind&&"RestElement"===e&&(null==(t=n[n.length-1])?void 0:t.type)&&this.raise(i,y.BadSetterRestParameter)}parseObjectMethod(e,t,r,n,i){return i?(this.parseMethod(e,t,!1,!1,!1,"ObjectMethod"),this.checkGetterSetterParams(e),e):r||t||this.match(o.parenL)?(n&&

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this.unexpected(),e.kind="method",e.method=!0,this.parseMethod(e,t,r,!1,!1,"ObjectMethod")):void
0}parseObjectProperty(e,t,r,n,i){return
e.shorthand=!1,this.eat(o.colon)?(e.value=n?this.parseMaybeDefault(this.state.start,this.state.startLoc):this.parseMa
ybeAssignAllowIn(i),this.finishNode(e,"ObjectProperty")):e.computed||"Identifier"!==e.key.type?void
0:(this.checkReservedWord(e.key.name,e.key.start,!0,!1),n?e.value=this.parseMaybeDefault(t,r,e.key.__clone()):thi
s.match(o.eq)&&i?(-
1===i.shorthandAssign&&(i.shorthandAssign=this.state.start),e.value=this.parseMaybeDefault(t,r,e.key.__clone()))
:e.value=e.key.__clone(),e.shorthand=!0,this.finishNode(e,"ObjectProperty"))}parseObjPropValue(e,t,r,n,i,s,a,o){co
nst l=this.parseObjectMethod(e,n,i,s,a)||this.parseObjectProperty(e,t,r,s,o);return
l||this.unexpected(),l}parsePropertyName(e,t){if(this.eat(o.bracketL))e.computed=!0,e.key=this.parseMaybeAssign
AllowIn(),this.expect(o.bracketR);else{const
r=this.state.inPropertyName;this.state.inPropertyName=!0,e.key=this.match(o.num)||this.match(o.string)||this.match(
o.bigint)||this.match(o.decimal)?this.parseExprAtom():this.parseMaybePrivateName(t,"PrivateName"!==e.key.type
&&(e.computed=!1),this.state.inPropertyName=r)}return
e.key}initFunction(e,t){e.id=null,e.generator=!1,e.async=!1}parseMethod(e,t,r,n,i,s,a=!1){this.initFunction(e,r),e.ge
nerator=!1;const o=n;return
this.scope.enter(18|(a?64:0)|(i?32:0)),this.prodParam.enter(ne(r,e.generator)),this.parseFunctionParams(e,o),this.pars
eFunctionBodyAndFinish(e,s,!0),this.prodParam.exit(),this.scope.exit(),e}parseArrayLike(e,t,r,n){r&&this.expectPl
ugin("recordAndTuple");const
i=this.state.inFSharpPipelineDirectBody;this.state.inFSharpPipelineDirectBody=!1;const s=this.startNode();return
this.next(),s.elements=this.parseExprList(e,!r,n,s),this.state.inFSharpPipelineDirectBody=i,this.finishNode(s,r?"Tupl
eExpression":"ArrayExpression")}parseArrowExpression(e,t,r,n){this.scope.enter(6);let
i=ne(r,!1);!this.match(o.bracketL)&&this.prodParam.hasIn&&(i=8),this.prodParam.enter(i),this.initFunction(e,r);co
nst s=this.state.maybeInArrowParameters;return
t&&(this.state.maybeInArrowParameters=!0,this.setArrowFunctionParameters(e,t,n)),this.state.maybeInArrowPara
meters=!1,this.parseFunctionBody(e,!0),this.prodParam.exit(),this.scope.exit(),this.state.maybeInArrowParameters=
s,this.finishNode(e,"ArrowFunctionExpression")}setArrowFunctionParameters(e,t,r){e.params=this.toAssignableLi
st(t,r)}parseFunctionBodyAndFinish(e,t,r=!1){this.parseFunctionBody(e,!1,r),this.finishNode(e,t)}parseFunctionBo
dy(e,t,r=!1){const
n=t&&!this.match(o.braceL);if(this.expressionScope.enter(we()),n)e.body=this.parseMaybeAssign(),this.checkPara
ms(e,!1,t,!1);else{const
n=this.state.strict,i=this.state.labels;this.state.labels=[],this.prodParam.enter(4|this.prodParam.currentFlags()),e.body
=this.parseBlock(!0,!1,i=>{const s=!this.isSimpleParamList(e.params);if(i&&s){const
t="method"!==e.kind&&"constructor"!==e.kind||e.key?e.start:e.key.end;this.raise(t,y.IllegalLanguageModeDirecti
ve)}const
a=!n&&this.state.strict;this.checkParams(e,(this.state.strict||t||r|s),t,a),this.state.strict&&e.id&&this.checkLVal(e.id,
65,void 0,"function name",void
0,a)},this.prodParam.exit(),this.expressionScope.exit(),this.state.labels=i)}isSimpleParamList(e){for(let
t=0,r=e.length;t<r;t++)if("Identifier"!==e[t].type)return!1;return!0}checkParams(e,t,r,n=!0){const
i=Object.create(null);for(let r=0;r<e.params.length;r++)this.checkLVal(e.params[r],5,t?null:i,"function parameter
list",void 0,n)}parseExprList(e,t,r,n){const i=[];let s=!0;for(;!this.eat(e);){if(s)s=!1;else
if(this.expect(o.comma),this.match(e)){n&&this.addExtra(n,"trailingComma",this.state.lastTokStart),this.next();bre
ak}i.push(this.parseExprListItem(t,r))}return i}parseExprListItem(e,t,r,n){let
i;if(this.match(o.comma)e||this.raise(this.state.pos,y.UnexpectedToken,","),i=null;else
if(this.match(o.ellipsis)){const
e=this.state.start,n=this.state.startLoc;i=this.parseParenItem(this.parseSpread(t,r),e,n)}else
if(this.match(o.question)){this.expectPlugin("partialApplication"),n||this.raise(this.state.start,y.UnexpectedArgument
Placeholder);const e=this.startNode();this.next(),i=this.finishNode(e,"ArgumentPlaceholder")}else

```

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i=this.parseMaybeAssignAllowIn(t,this.parseParenItem,r);return i }parseIdentifier(e){ const
t=this.startNode(),r=this.parseIdentifierName(t.start,e);return this.createIdentifier(t,r)}createIdentifier(e,t){ return
e.name=t,e.loc.identifierName=t,this.finishNode(e,"Identifier")}parseIdentifierName(e,t){ let
r;const{ start:n,type:i}=this.state;if(i===o.name)r=this.state.value;else{ if(!i.keyword)throw
this.unexpected();{r=i.keyword;const
e=this.curContext();i!==(o._class&&i!==(o._function||e!==(g.functionStatement&&e!==(g.functionExpression||this.stat
e.context.pop()})}return
t?this.state.type=o.name:this.checkReservedWord(r,n,!i.keyword,!1),this.next(),r}checkReservedWord(e,t,r,n){ if(th
is.prodParam.hasYield&&"yield"===e)return void
this.raise(t,y.YieldBindingIdentifier);if("await"===e){ if(this.prodParam.hasAwait)return void
this.raise(t,y.AwaitBindingIdentifier);this.expressionScope.recordAsyncArrowParametersError(t,y.AwaitBindingIde
ntifier)}if(this.scope.inClass&&!this.scope.inNonArrowFunction&&"arguments"===e)return void
this.raise(t,y.ArgumentsInClass);if(r&&R(e))return void
this.raise(t,y.UnexpectedKeyword,e);(this.state.strict?n?F:M:L)(e,this.inModule)&&(this.prodParam.hasAwait||"aw
ait"===e?this.raise(t,y.UnexpectedReservedWord,e):this.raise(t,this.hasPlugin("topLevelAwait")?y.AwaitNotInAsyn
cContext:y.AwaitNotInAsyncFunction))}isAwaitAllowed(){ return
this.scope.inFunction?this.prodParam.hasAwait:!!this.options.allowAwaitOutsideFunction||!this.hasPlugin("topLev
elAwait")&&(this.inModule&&this.prodParam.hasAwait)}parseAwait(){ const e=this.startNode();return
this.next(),this.expressionScope.recordParameterInitializerError(e.start,y.AwaitExpressionFormalParameter),this.eat
(o.star)&&this.raise(e.start,y.ObsoleteAwaitStar),this.scope.inFunction||this.options.allowAwaitOutsideFunction||(th
is.hasPrecedingLineBreak()||this.match(o.plusMin)||this.match(o.parenL)||this.match(o.bracketL)||this.match(o.back
Quote)||this.match(o.regexp)||this.match(o.slash)||this.hasPlugin("v8intrinsic")&&this.match(o.modulo)?this.ambigu
ousScriptDifferentAst=!0:this.sawUnambiguousESM=!0),this.state.soloAwait||(e.argument=this.parseMaybeUnary(
)),this.finishNode(e,"AwaitExpression")}parseYield(){ const e=this.startNode();return
this.expressionScope.recordParameterInitializerError(e.start,y.YieldInParameter),this.next(),this.match(o.semi)||this
.match(o.star)&&!this.state.type.startsExpr||this.hasPrecedingLineBreak()?(e.delegate=!1,e.argument=null):(e.deleg
ate=this.eat(o.star),e.argument=this.parseMaybeAssign()),this.finishNode(e,"YieldExpression")}checkPipelineAtInf
ixOperator(e,t){ "smart"===this.getPluginOption("pipelineOperator","proposal")&&"SequenceExpression"===e.type
&&this.raise(t,y.PipelineHeadSequenceExpression)}parseSmartPipelineBody(e,t,r){ return
this.checkSmartPipelineBodyEarlyErrors(e,t),this.parseSmartPipelineBodyInStyle(e,t,r)}checkSmartPipelineBodyE
arlyErrors(e,t){ if(this.match(o.arrow))throw
this.raise(this.state.start,y.PipelineBodyNoArrow);"SequenceExpression"===e.type&&this.raise(t,y.PipelineBodySe
quenceExpression)}parseSmartPipelineBodyInStyle(e,t,r){ const
n=this.startNodeAt(t,r),i=this.isSimpleReference(e);return
i?n.callee=(this.topicReferenceWasUsedInCurrentTopicContext()||this.raise(t,y.PipelineTopicUnused),n.expressio
n=e),this.finishNode(n,i?"PipelineBareFunction":"PipelineTopicExpression")}isSimpleReference(e){ switch(e.type)
{case"MemberExpression":return!e.computed&&this.isSimpleReference(e.object);case"Identifier":return!0;default:r
eturn!1}}withTopicPermittingContext(e){ const
t=this.state.topicContext;this.state.topicContext={ maxNumOfResolvableTopics:1,maxTopicIndex:null};try{ return
e()}finally{ this.state.topicContext=t}}withTopicForbiddingContext(e){ const
t=this.state.topicContext;this.state.topicContext={ maxNumOfResolvableTopics:0,maxTopicIndex:null};try{ return
e()}finally{ this.state.topicContext=t}}withSoloAwaitPermittingContext(e){ const
t=this.state.soloAwait;this.state.soloAwait=!0;try{ return e()}finally{ this.state.soloAwait=t}}allowInAnd(e){ const
t=this.prodParam.currentFlags();if(8&~t){ this.prodParam.enter(8|t);try{ return
e()}finally{ this.prodParam.exit()}}return e()}disallowInAnd(e){ const
t=this.prodParam.currentFlags();if(8&t){ this.prodParam.enter(-9&t);try{ return
e()}finally{ this.prodParam.exit()}}return
e()}registerTopicReference(){ this.state.topicContext.maxTopicIndex=0}primaryTopicReferenceIsAllowedInCurrent

```

```

TopicContext(){return
this.state.topicContext.maxNumOfResolvableTopics>=1 }topicReferenceWasUsedInCurrentTopicContext(){return
null!=this.state.topicContext.maxTopicIndex&&this.state.topicContext.maxTopicIndex>=0}parseFSharpPipelineBo
dy(e){const t=this.state.start,r=this.state.startLoc;this.state.potentialArrowAt=this.state.start;const
n=this.state.inFSharpPipelineDirectBody;this.state.inFSharpPipelineDirectBody=!0;const
i=this.parseExprOp(this.parseMaybeUnary(),t,r,e);return
this.state.inFSharpPipelineDirectBody=n,i } { parseTopLevel(e,t){if(t.sourceType=this.options.sourceType,t.interpre
ter=this.parseInterpreterDirective(),this.parseBlockBody(t,!0,!0,o.eof),this.inModule&&!this.options.allowUndeclar
edExports&&this.scope.undefinedExports.size>0)for(let
e=0,t=Array.from(this.scope.undefinedExports);e<t.length;e++){const[r]=t[e],n=this.scope.undefinedExports.get(r);
this.raise(n,y.ModuleExportUndefined,r)}return
e.program=this.finishNode(t,"Program"),e.comments=this.state.comments,this.options.tokens&&(e.tokens=this.toke
ns),this.finishNode(e,"File")}stmtToDirective(e){const
t=e.expression,r=this.startNodeAt(t.start,t.loc.start),n=this.startNodeAt(e.start,e.loc.start),i=this.input.slice(t.start,t.en
d),s=r.value=i.slice(1,-1);return
this.addExtra(r,"raw",i),this.addExtra(r,"rawValue",s),n.value=this.finishNodeAt(r,"DirectiveLiteral",t.end,t.loc.end)
,this.finishNodeAt(n,"Directive",e.end,e.loc.end)}parseInterpreterDirective(){if(!this.match(o.interpreterDirective))r
eturn null;const e=this.startNode();return
e.value=this.state.value,this.next(),this.finishNode(e,"InterpreterDirective")}isLet(e){if(!this.isContextual("let"))retu
rn!1;const
t=this.nextTokenStart(),r=this.input.charCodeAt(t);if(91===r)return!0;if(e)return!1;if(123===r)return!0;if(O(r)){let
e=t+1;for(;I(this.input.charCodeAt(e));)++e;const
r=this.input.slice(t,e);if(!B.test(r))return!0}return!1}parseStatement(e,t){return
this.match(o.at)&&this.parseDecorators(!0),this.parseStatementContent(e,t)}parseStatementContent(e,t){let
r=this.state.type;const n=this.startNode();let i;switch(this.isLet(e)&&(r=o._var,i="let"),r){case o._break:case
o._continue:return this.parseBreakContinueStatement(n,r.keyword);case o._debugger:return
this.parseDebuggerStatement(n);case o._do:return this.parseDoStatement(n);case o._for:return
this.parseForStatement(n);case o._function:if(46===this.lookaheadCharCode())break;return
e&&(this.state.strict?this.raise(this.state.start,y.StrictFunction):"if"!==e&&"label"!==e&&this.raise(this.state.start,y
.SloppyFunction)),this.parseFunctionStatement(n,!1,!e);case o._class:return
e&&this.unexpected(),this.parseClass(n,!0);case o._if:return this.parseIfStatement(n);case o._return:return
this.parseReturnStatement(n);case o._switch:return this.parseSwitchStatement(n);case o._throw:return
this.parseThrowStatement(n);case o._try:return this.parseTryStatement(n);case o._const:case o._var:return
i=i||this.state.value,e&&"var"!==i&&this.raise(this.state.start,y.UnexpectedLexicalDeclaration),this.parseVarStatem
ent(n,i);case o._while:return this.parseWhileStatement(n);case o._with:return this.parseWithStatement(n);case
o.braceL:return this.parseBlock();case o.semi:return this.parseEmptyStatement(n);case o._import: { const
e=this.lookaheadCharCode();if(40===e||46===e)break }case o._export: { let e;return
this.options.allowImportExportEverywhere||t||this.raise(this.state.start,y.UnexpectedImportExport),this.next(),r===o
._import?(e=this.parseImport(n),"ImportDeclaration"!==e.type||e.importKind&&"value"!==e.importKind||(this.saw
UnambiguousESM=!0)):(e=this.parseExport(n),"ExportNamedDeclaration"!==e.type||e.exportKind&&"value"!==e
.exportKind&&("ExportAllDeclaration"!==e.type||e.exportKind&&"value"!==e.exportKind)&&"ExportDefaultDe
claration"!==e.type||(this.sawUnambiguousESM=!0)),this.assertModuleNodeAllowed(n,e)}default:if(this.isAsyncFu
nction())return
e&&this.raise(this.state.start,y.AsyncFunctionInSingleStatementContext),this.next(),this.parseFunctionStatement(n,!
0,!e)}const s=this.state.value,a=this.parseExpression();return
r===o.name&&"Identifier"===a.type&&this.eat(o.colon)?this.parseLabeledStatement(n,s,a,e):this.parseExpression
Statement(n,a)}assertModuleNodeAllowed(e){this.options.allowImportExportEverywhere||this.inModule||this.raise
WithData(e.start,{code:"BABEL_PARSER_SOURCETYPE_MODULE_REQUIRED"},y.ImportOutsideModule)}t

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akeDecorators(e){const t=this.state.decoratorStack[this.state.decoratorStack.length-
1];t.length&&(e.decorators=t,this.resetStartLocationFromNode(e,t[0]),this.state.decoratorStack[this.state.decoratorS
tack.length-1]=[])canHaveLeadingDecorator(){return this.match(o._class)}parseDecorators(e){const
t=this.state.decoratorStack[this.state.decoratorStack.length-1];for(;this.match(o.at);){const
e=this.parseDecorator();t.push(e)if(this.match(o._export)e||this.unexpected(),this.hasPlugin("decorators")&&!this.
getPluginOption("decorators","decoratorsBeforeExport")&&this.raise(this.state.start,y.DecoratorExportClass);else
if(!this.canHaveLeadingDecorator())throw
this.raise(this.state.start,y.UnexpectedLeadingDecorator)}parseDecorator(){this.expectOnePlugin(["decorators-
legacy","decorators"]);const
e=this.startNode();if(this.next(),this.hasPlugin("decorators")){this.state.decoratorStack.push([]);const
t=this.state.start,r=this.state.startLoc;let n;if(this.eat(o.parenL))n=this.parseExpression(),this.expect(o.parenR);else
for(n=this.parseIdentifier(!1);this.eat(o.dot);){const
e=this.startNodeAt(t,r);e.object=n,e.property=this.parseIdentifier(!0),e.computed=!1,n=this.finishNode(e,"MemberE
xpression")}e.expression=this.parseMaybeDecoratorArguments(n),this.state.decoratorStack.pop()}else
e.expression=this.parseExprSubscripts();return
this.finishNode(e,"Decorator")}parseMaybeDecoratorArguments(e){if(this.eat(o.parenL)){const
t=this.startNodeAtNode(e);return
t.callee=e,t.arguments=this.parseCallExpressionArguments(o.parenR,!1),this.toReferencedList(t.arguments),this.fini
shNode(t,"CallExpression")}return e}parseBreakContinueStatement(e,t){const r="break"===t;return
this.next(),this.isLineTerminator()?e.label=null:(e.label=this.parseIdentifier(),this.semicolon(),this.verifyBreakCont
inue(e,t),this.finishNode(e,r?"BreakStatement":"ContinueStatement"))verifyBreakContinue(e,t){const
r="break"===t;let n;for(n=0;n<this.state.labels.length;++n){const
t=this.state.labels[n];if(null==e.label||t.name===e.label.name){if(null!=t.kind&&(r||"loop"===t.kind))break;if(e.labe
l&&r)break}}n===this.state.labels.length&&this.raise(e.start,y.IllegalBreakContinue,t)}parseDebuggerStatement(e)
{return
this.next(),this.semicolon(),this.finishNode(e,"DebuggerStatement")}parseHeaderExpression(){this.expect(o.parenL
);const e=this.parseExpression();return this.expect(o.parenR),e}parseDoStatement(e){return
this.next(),this.state.labels.push(Oe),e.body=this.withTopicForbiddingContext(=>this.parseStatement("do")),this.st
ate.labels.pop(),this.expect(o._while),e.test=this.parseHeaderExpression(),this.eat(o.semi),this.finishNode(e,"DoWhi
leStatement")}parseForStatement(e){this.next(),this.state.labels.push(Oe);let t=-
1;if(this.isAwaitAllowed())&&this.eatContextual("await")&&(t=this.state.lastTokStart),this.scope.enter(0),this.expec
t(o.parenL),this.match(o.semi))return t>-1&&this.unexpected(t),this.parseFor(e,null);const
r=this.isLet();if(this.match(o._var)||this.match(o._const)||r){const n=this.startNode(),i=r?"let":this.state.value;return
this.next(),this.parseVar(n,!0,i),this.finishNode(n,"VariableDeclaration"),(this.match(o._in)||this.isContextual("of"))
&&1===n.declarations.length?this.parseForIn(e,n,t):(t>-1&&this.unexpected(t),this.parseFor(e,n))}const n=new
Se,i=this.parseExpression(!0,n);if(this.match(o._in)||this.isContextual("of")){this.toAssignable(i);const
r=this.isContextual("of")?"for-of statement":"for-in statement";return this.checkLVal(i,void 0,void
0,r),this.parseForIn(e,i,t)}return this.checkExpressionErrors(n,!0),t>-
1&&this.unexpected(t),this.parseFor(e,i)}parseFunctionStatement(e,t,r){return
this.next(),this.parseFunction(e,1|(r?0:2),t)}parseIfStatement(e){return
this.next(),e.test=this.parseHeaderExpression(),e.consequent=this.parseStatement("if"),e.alternate=this.eat(o._else)?t
his.parseStatement("if"):null,this.finishNode(e,"IfStatement")}parseReturnStatement(e){return
this.prodParam.hasReturn||this.options.allowReturnOutsideFunction||this.raise(this.state.start,y.IllegalReturn),this.ne
xt(),this.isLineTerminator()?e.argument=null:(e.argument=this.parseExpression(),this.semicolon(),this.finishNode(
e,"ReturnStatement"))parseSwitchStatement(e){this.next(),e.discriminant=this.parseHeaderExpression();const
t=e.cases=[];let
r,n;for(this.expect(o.braceL),this.state.labels.push(Ie),this.scope.enter(0);!this.match(o.braceR);if(this.match(o._cas
e)||this.match(o._default)){const

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e=this.match(o._case);r&&this.finishNode(r,"SwitchCase"),t.push(r=this.startNode()),r.consequent=[],this.next(),e?r
.test=this.parseExpression():n&&this.raise(this.state.lastTokStart,y.MultipleDefaultsInSwitch),n=!0,r.test=null,this
.expect(o.colon)}else r?r.consequent.push(this.parseStatement(null)):this.unexpected();return
this.scope.exit(),r&&this.finishNode(r,"SwitchCase"),this.next(),this.state.labels.pop(),this.finishNode(e,"SwitchStat
ement")}parseThrowStatement(e){return
this.next(),this.hasPrecedingLineBreak()&&this.raise(this.state.lastTokEnd,y.NewlineAfterThrow),e.argument=this.
parseExpression(),this.semicolon(),this.finishNode(e,"ThrowStatement")}parseCatchClauseParam(){const
e=this.parseBindingAtom(),t="Identifier"===e.type;return this.scope.enter(t?8:0),this.checkLVal(e,9,null,"catch
clause"),e}parseTryStatement(e){if(this.next(),e.block=this.parseBlock(),e.handler=null,this.match(o._catch)){const
t=this.startNode();this.next(),this.match(o.parenL)?(this.expect(o.parenL),t.param=this.parseCatchClauseParam(),thi
s.expect(o.parenR)):(t.param=null,this.scope.enter(0)),t.body=this.withTopicForbiddingContext(=>this.parseBlock
(!1,!1)),this.scope.exit(),e.handler=this.finishNode(t,"CatchClause")}return
e.finalizer=this.eat(o._finally)?this.parseBlock():null,e.handler||e.finalizer||this.raise(e.start,y.NoCatchOrFinally),this
.finishNode(e,"TryStatement")}parseVarStatement(e,t){return
this.next(),this.parseVar(e,!1,t),this.semicolon(),this.finishNode(e,"VariableDeclaration")}parseWhileStatement(e){r
eturn
this.next(),e.test=this.parseHeaderExpression(),this.state.labels.push(Oe),e.body=this.withTopicForbiddingContext((
=>this.parseStatement("while")),this.state.labels.pop(),this.finishNode(e,"WhileStatement")}parseWithStatement(e)
{return
this.state.strict&&this.raise(this.state.start,y.StrictWith),this.next(),e.object=this.parseHeaderExpression(),e.body=th
is.withTopicForbiddingContext(=>this.parseStatement("with")),this.finishNode(e,"WithStatement")}parseEmptyS
tatement(e){return this.next(),this.finishNode(e,"EmptyStatement")}parseLabeledStatement(e,t,r,n){for(let
e=0,n=this.state.labels;e<n.length;e++){n[e].name===t&&this.raise(r.start,y.LabelRedeclaration,t)}const
i=this.state.type.isLoop?"loop":this.match(o._switch)?"switch":null;for(let t=this.state.labels.length-1;t>=0;t--
){const r=this.state.labels[t];if(r.statementStart!==e.start)break;r.statementStart=this.state.start,r.kind=i}return
this.state.labels.push({name:t,kind:i,statementStart:this.state.start}),e.body=this.parseStatement(n?-
1===n.indexOf("label"?n+"label":n:"label"),this.state.labels.pop(),e.label=r,this.finishNode(e,"LabeledStatement")
)}parseExpressionStatement(e,t){return
e.expression=t,this.semicolon(),this.finishNode(e,"ExpressionStatement")}parseBlock(e=!1,t=!0,r){const
n=this.startNode();return
this.expect(o.braceL),t&&this.scope.enter(0),this.parseBlockBody(n,e,!1,o.braceR,r),t&&this.scope.exit(),this.finish
Node(n,"BlockStatement")}isValidDirective(e){return"ExpressionStatement"===e.type&&"StringLiteral"===e.exp
ression.type&&!e.expression.extra.parenthesized}parseBlockBody(e,t,r,n,i){const
s=e.body=[],a=e.directives=[];this.parseBlockOrModuleBlockBody(s,t?a:void
0,r,n,i)}parseBlockOrModuleBlockBody(e,t,r,n,i){const s=[],a=this.state.strict;let
o=!1,l=!1;for(;;!this.match(n);){!l&&this.state.octalPositions.length&&s.push(...this.state.octalPositions);const
n=this.parseStatement(null,r);if(t&&!l&&this.isValidDirective(n)){const e=this.stmtToDirective(n);t.push(e),o||"use
strict"!==e.value.value||(o=!0,this.setStrict(!0))}else l=!0,e.push(n)}if(this.state.strict&&s.length)for(let
e=0;e<s.length;e++){const
t=s[e];this.raise(t,y.StrictOctalLiteral)}i&&i.call(this,o),a||this.setStrict(!1),this.next()}parseFor(e,t){return
e.init=t,this.expect(o.semi),e.test=this.match(o.semi)?null:this.parseExpression(),this.expect(o.semi),e.update=this.m
atch(o.parenR)?null:this.parseExpression(),this.expect(o.parenR),e.body=this.withTopicForbiddingContext(=>this.
parseStatement("for")),this.scope.exit(),this.state.labels.pop(),this.finishNode(e,"ForStatement")}parseForIn(e,t,r){c
onst n=this.match(o._in);return this.next(),n?r>-1&&this.unexpected(r):e.await=r>-
1,"VariableDeclaration"!==t.type||null===t.declarations[0].init||n&&!this.state.strict&&"var"===t.kind&&"Identifier
"===t.declarations[0].id.type?"AssignmentPattern"===t.type&&this.raise(t.start,y.InvalidLhs,"for-
loop"):this.raise(t.start,y.ForInOfLoopInitializer,n?"for-in":"for-
of"),e.left=t,e.right=n?this.parseExpression():this.parseMaybeAssignAllowIn(),this.expect(o.parenR),e.body=this.wi

```

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thTopicForbiddingContext(=>this.parseStatement("for")),this.scope.exit(),this.state.labels.pop(),this.finishNode(e,
n?"ForInStatement":"ForOfStatement"))parseVar(e,t,r){const
n=e.declarations=[],i=this.hasPlugin("typescript");for(e.kind=r;){const
e=this.startNode();if(this.parseVarId(e,r),this.eat(o.eq)?e.init=t?this.parseMaybeAssignDisallowIn():this.parseMayb
eAssignAllowIn>("const"!==r||this.match(o._in)||this.isContextual("of")?"Identifier"===e.id.type||t&&(this.match(
o._in)||this.isContextual("of"))||this.raise(this.state.lastTokEnd,y.DeclarationMissingInitializer,"Complex binding
patterns"):i||this.raise(this.state.lastTokEnd,y.DeclarationMissingInitializer,"Const
declarations"),e.init=null),n.push(this.finishNode(e,"VariableDeclarator")),!this.eat(o.comma))break}return
e}parseVarId(e,t){e.id=this.parseBindingAtom(),this.checkLVal(e.id,"var"===t?5:9,void 0,"variable
declaration","var"!==t)}parseFunction(e,t=0,r=!1){const
n=1&t,i=2&t,s=!(n||4&t);this.initFunction(e,r),this.match(o.star)&&i&&this.raise(this.state.start,y.GeneratorInSing
leStatementContext),e.generator=this.eat(o.star),n&&(e.id=this.parseFunctionId(s));const
a=this.state.maybeInArrowParameters;return
this.state.maybeInArrowParameters=!1,this.scope.enter(2),this.prodParam.enter(ne(r,e.generator)),n||(e.id=this.parse
FunctionId()),this.parseFunctionParams(e,!1),this.withTopicForbiddingContext(=>{this.parseFunctionBodyAndFi
nish(e,n?"FunctionDeclaration":"FunctionExpression"))},this.prodParam.exit(),this.scope.exit(),n&&!i&&this.regist
erFunctionStatementId(e),this.state.maybeInArrowParameters=a,e}parseFunctionId(e){return
e||this.match(o.name)?this.parseIdentifier():null}parseFunctionParams(e,t){this.expect(o.parenL),this.expressionSco
pe.enter(new
Pe(3)),e.params=this.parseBindingList(o.parenR,41,!1,t),this.expressionScope.exit()}registerFunctionStatementId(e)
{e.id&&this.scope.declareName(e.id.name,this.state.strict||e.generator||e.async?this.scope.treatFunctionsAsVar?5:9:
17,e.id.start)}parseClass(e,t,r){this.next(),this.takeDecorators(e);const n=this.state.strict;return
this.state.strict=!0,this.parseClassId(e,t,r),this.parseClassSuper(e),e.body=this.parseClassBody(!e.superClass,n),this
.finishNode(e,t?"ClassDeclaration":"ClassExpression")}isClassProperty(){return
this.match(o.eq)||this.match(o.semi)||this.match(o.braceR)}isClassMethod(){return
this.match(o.parenL)}isNonstaticConstructor(e){return!(e.computed||e.static||"constructor"!==e.key.name&&"constr
uctor"!==e.key.value)}parseClassBody(e,t){this.classScope.enter();const
r={constructorAllowsSuper:e,hadConstructor:!1,hadStaticBlock:!1};let n=[];const
i=this.startNode();if(i.body=[],this.expect(o.braceL),this.withTopicForbiddingContext(=>{for(;!this.match(o.brace
R);){if(this.eat(o.semi)){if(n.length>0)throw
this.raise(this.state.lastTokEnd,y.DecoratorSemicolon);continue}if(this.match(o.at)){n.push(this.parseDecorator());c
ontinue}const
e=this.startNode();n.length&&(e.decorators=n,this.resetStartLocationFromNode(e,n[0]),n=[]),this.parseClassMemb
er(i,e,r),"constructor"===e.kind&&e.decorators&&e.decorators.length>0&&this.raise(e.start,y.DecoratorConstructo
r)}),this.state.strict=t,this.next(),n.length)throw this.raise(this.state.start,y.TrailingDecorator);return
this.classScope.exit(),this.finishNode(i,"ClassBody")}parseClassMemberFromModifier(e,t){const
r=this.parseIdentifier(!0);if(this.isClassMethod()){const n=t;return
n.kind="method",n.computed=!1,n.key=r,n.static=!1,this.pushClassMethod(e,n,!1,!1,!1,!1,!1,!1)}if(this.isClassPropert
y()){const n=t;return
n.computed=!1,n.key=r,n.static=!1,e.body.push(this.parseClassProperty(n)),!0}return!1}parseClassMember(e,t,r){c
onst
n=this.isContextual("static");if(n){if(this.parseClassMemberFromModifier(e,t))return;if(this.eat(o.braceL))return
void
this.parseClassStaticBlock(e,t,r)}this.parseClassMemberWithIsStatic(e,t,r,n)}parseClassMemberWithIsStatic(e,t,r,n)
{const i=t,s=t,a=t,l=t,c=i,p=i;if(t.static=n,this.eat(o.star))return
c.kind="method",this.parseClassElementName(c),"PrivateName"===c.key.type?void
this.pushClassPrivateMethod(e,s,!0,!1):(this.isNonstaticConstructor(i)&&this.raise(i.key.start,y.ConstructorIsGener
ator),void this.pushClassMethod(e,i,!0,!1,!1,!1));const

```

```

u=this.state.containsEsc,d=this.parseClassElementName(t),h="PrivateName"===d.type,f="Identifier"===d.type,m=
this.state.start;if(this.parsePostMemberNameModifiers(p),this.isClassMethod()){if(c.kind="method",h)return void
this.pushClassPrivateMethod(e,s,!1,!1);const t=this.isNonstaticConstructor(i);let
n=!1;t&&(i.kind="constructor",r.hadConstructor&&!this.hasPlugin("typescript"))&&this.raise(d.start,y.DuplicateCo
nstructor),r.hadConstructor=!0,n=r.constructorAllowsSuper,this.pushClassMethod(e,i,!1,!1,t,n)}else
if(this.isClassProperty())h?this.pushClassPrivateProperty(e,l):this.pushClassProperty(e,a);else
if(!f||"async"!==d.name||u||this.isLineTerminator())!f||"get"!==d.name&&"set"!==d.name||u||this.match(o.star)&&thi
s.isLineTerminator()?this.isLineTerminator()?h?this.pushClassPrivateProperty(e,l):this.pushClassProperty(e,a):this.
unexpected():(c.kind=d.name,this.parseClassElementName(i),"PrivateName"===c.key.type?this.pushClassPrivateM
ethod(e,s,!1,!1):(this.isNonstaticConstructor(i)&&this.raise(i.key.start,y.ConstructorIsAccessor),this.pushClassMeth
od(e,i,!1,!1,!1,!1)),this.checkGetterSetterParams(i));else{const
t=this.eat(o.star);p.optional&&this.unexpected(m),c.kind="method",this.parseClassElementName(c),this.parsePost
MemberNameModifiers(p),"PrivateName"===c.key.type?this.pushClassPrivateMethod(e,s,t,!0):(this.isNonstaticCo
nstructor(i)&&this.raise(i.key.start,y.ConstructorIsAsync),this.pushClassMethod(e,i,t,!0,!1,!1))}}parseClassElement
Name(e){const t=this.parsePropertyName(e,!0);return
e.computed||e.static||"prototype"!==t.name&&"prototype"!==t.value||this.raise(t.start,y.StaticPrototype),"PrivateNa
me"===t.type&&"constructor"===t.id.name&&this.raise(t.start,y.ConstructorClassPrivateField),t}parseClassStatic
Block(e,t,r){var
n;this.expectPlugin("classStaticBlock",t.start),this.scope.enter(80),this.expressionScope.enter(we());const
i=this.state.labels;this.state.labels=[],this.prodParam.enter(0);const
s=t.body=[];this.parseBlockOrModuleBlockBody(s,void
0,!1,o.braceR),this.prodParam.exit(),this.expressionScope.exit(),this.scope.exit(),this.state.labels=i,e.body.push(this.
finishNode(t,"StaticBlock")),r.hadStaticBlock&&this.raise(t.start,y.DuplicateStaticBlock),(null==(n=t.decorators)?v
oid
0:n.length)&&this.raise(t.start,y.DecoratorStaticBlock),r.hadStaticBlock=!0}pushClassProperty(e,t){t.computed||"co
nstructor"!==t.key.name&&"constructor"!==t.key.value||this.raise(t.key.start,y.ConstructorClassField),e.body.push(t
his.parseClassProperty(t))}pushClassPrivateProperty(e,t){this.expectPlugin("classPrivateProperties",t.key.start);con
st
r=this.parseClassPrivateProperty(t);e.body.push(r),this.classScope.declarePrivateName(r.key.id.name,0,r.key.start)}
pushClassMethod(e,t,r,n,i,s){e.body.push(this.parseMethod(t,r,n,i,s,"ClassMethod",!0))}pushClassPrivateMethod(e,
t,r,n){this.expectPlugin("classPrivateMethods",t.key.start);const
i=this.parseMethod(t,r,n,!1,!1,"ClassPrivateMethod",!0);e.body.push(i);const
s="get"===i.kind?i.static?6:2:"set"===i.kind?i.static?5:1:0;this.classScope.declarePrivateName(i.key.id.name,s,i.ke
y.start)}parsePostMemberNameModifiers(e){}parseClassPrivateProperty(e){return
this.parseInitializer(e),this.semicolon(),this.finishNode(e,"ClassPrivateProperty")}parseClassProperty(e){return
e.typeAnnotation&&!this.match(o.eq)||this.expectPlugin("classProperties"),this.parseInitializer(e),this.semicolon(),t
his.finishNode(e,"ClassProperty")}parseInitializer(e){this.scope.enter(80),this.expressionScope.enter(we()),this.prod
Param.enter(0),e.value=this.eat(o.eq)?this.parseMaybeAssignAllowIn():null,this.expressionScope.exit(),this.prodPar
am.exit(),this.scope.exit()}parseClassId(e,t,r,n=139){this.match(o.name)?(e.id=this.parseIdentifier(),t&&this.check
LVal(e.id,n,void 0,"class
name")):r||!t?e.id=null:this.unexpected(null,y.MissingClassName)}parseClassSuper(e){e.superClass=this.eat(o._ext
ends)?this.parseExprSubscripts():null}parseExport(e){const
t=this.maybeParseExportDefaultSpecifier(e),r=!t||this.eat(o.comma),n=r&&this.eatExportStar(e),i=n&&this.maybeP
arseExportNamespaceSpecifier(e),s=r&&(!i||this.eat(o.comma)),a=t||n;if(n&&!i)return
t&&this.unexpected(),this.parseExportFrom(e,!0),this.finishNode(e,"ExportAllDeclaration");const
l=this.maybeParseExportNamedSpecifiers(e);if(t&&r&&!n&&!i||i&&s&&!l)throw
this.unexpected(null,o.braceL);let
c;if(a||l?(c=!1,this.parseExportFrom(e,a)):c=this.maybeParseExportDeclaration(e,a)||l}return

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```

this.checkExport(e,!0,!1,!e.source),this.finishNode(e,"ExportNamedDeclaration");if(this.eat(o._default))return
e.declaration=this.parseExportDefaultExpression(),this.checkExport(e,!0,!0),this.finishNode(e,"ExportDefaultDecla
ration");throw this.unexpected(null,o.braceL)}eatExportStar(e){return
this.eat(o.star)}maybeParseExportDefaultSpecifier(e){if(this.isExportDefaultSpecifier()){this.expectPlugin("export
DefaultFrom");const t=this.startNode();return
t.exported=this.parseIdentifier(!0),e.specifiers=[this.finishNode(t,"ExportDefaultSpecifier"),!0]return!1}maybePars
eExportNamespaceSpecifier(e){if(this.isContextual("as")){e.specifiers||(e.specifiers=[]);const
t=this.startNodeAt(this.state.lastTokStart,this.state.lastTokStartLoc);return
this.next(),t.exported=this.parseModuleExportName(),e.specifiers.push(this.finishNode(t,"ExportNamespaceSpecifi
er")),!0}return!1}maybeParseExportNamedSpecifiers(e){return!!this.match(o.braceL)&&(e.specifiers||(e.specifiers=
[]),e.specifiers.push(...this.parseExportSpecifiers()),e.source=null,e.declaration=null,!0)}maybeParseExportDeclarat
ion(e){return!!this.shouldParseExportDeclaration()&&(e.specifiers=[],e.source=null,e.declaration=this.parseExport
Declaration(e,!0))isAsyncFunction(){if(!this.isContextual("async"))return!1;const
e=this.nextTokenStart();return!l.test(this.input.slice(this.state.pos,e))&&this.isUnparsedContextual(e,"function")}pa
rseExportDefaultExpression(){const e=this.startNode(),t=this.isAsyncFunction();if(this.match(o._function)||t)return
this.next(),t&&this.next(),this.parseFunction(e,5,t);if(this.match(o._class))return
this.parseClass(e,!0,!0);if(this.match(o.at))return
this.hasPlugin("decorators")&&this.getPluginOption("decorators","decoratorsBeforeExport")&&this.raise(this.state.
start,y.DecoratorBeforeExport),this.parseDecorators(!1),this.parseClass(e,!0,!0);if(this.match(o._const)||this.match(o
._var)||this.isLet())throw this.raise(this.state.start,y.UnsupportedDefaultExport);{const
e=this.parseMaybeAssignAllowIn();return this.semicolon(),e}}parseExportDeclaration(e){return
this.parseStatement(null)}isExportDefaultSpecifier(){if(this.match(o.name)){const
e=this.state.value;if("async"===e&&!this.state.containsEsc||"let"===e)return!1;if(("type"===e||"interface"===e)&&
!this.state.containsEsc){const
e=this.lookahead();if(e.type===o.name&&"from"!==e.value||e.type===o.braceL)return
this.expectOnePlugin(["flow","typescript"],!1)}else if(!this.match(o._default))return!1;const
e=this.nextTokenStart(),t=this.isUnparsedContextual(e,"from");if(44===this.input.charCodeAtAt(e)||this.match(o.nam
e)&&t)return!0;if(this.match(o._default)&&t){const t=this.input.charCodeAtAt(this.nextTokenStartSince(e+4));return
34===t||39===t}return!1}parseExportFrom(e,t){if(this.eatContextual("from")){e.source=this.parseImportSource(),t
his.checkExport(e);const t=this.maybeParseImportAssertions();t&&(e.assertions=t)}else
t?this.unexpected():e.source=null;this.semicolon()}shouldParseExportDeclaration(){if(this.match(o.at)&&(this.expe
ctOnePlugin(["decorators","decorators-
legacy"]),this.hasPlugin("decorators"))){if(!this.getPluginOption("decorators","decoratorsBeforeExport"))return!0;t
his.unexpected(this.state.start,y.DecoratorBeforeExport)}return"var"===this.state.type.keyword||"const"===this.stat
e.type.keyword||"function"===this.state.type.keyword||"class"===this.state.type.keyword||this.isLet()||this.isAsyncF
unction()}checkExport(e,t,r,n){if(t)if(r){if(this.checkDuplicateExports(e,"default"),this.hasPlugin("exportDefaultFro
m")){var i;const t=e.declaration;"Identifier"!==t.type||"from"!==t.name||t.end-t.start! =4||(null==(i=t.extra)?void
0:i.parentthesized)||this.raise(t.start,y.ExportDefaultFromAsIdentifier)}}else
if(e.specifiers&&e.specifiers.length)for(let t=0,r=e.specifiers;t<r.length;t++){const
e=r[t],{exported:i}=e,s="Identifier"===i.type?i.name:i.value;if(this.checkDuplicateExports(e,s),!n&&e.local){const
{local:t}=e;"StringLiteral"===t.type?this.raise(e.start,y.ExportBindingIsString,t.extra.raw,s):(this.checkReservedW
ord(t.name,t.start,!0,!1),this.scope.checkLocalExport(t))}else
if(e.declaration)if("FunctionDeclaration"===e.declaration.type||"ClassDeclaration"===e.declaration.type){const
t=e.declaration.id;if(!t)throw new Error("Assertion failure");this.checkDuplicateExports(e,t.name)}else
if("VariableDeclaration"===e.declaration.type)for(let t=0,r=e.declaration.declarations;t<r.length;t++){const
e=r[t];this.checkDeclaration(e.id)}if(this.state.decoratorStack[this.state.decoratorStack.length-1].length)throw
this.raise(e.start,y.UnsupportedDecoratorExport)}checkDeclaration(e){if("Identifier"===e.type)this.checkDuplicate
Exports(e,e.name);else if("ObjectPattern"===e.type)for(let t=0,r=e.properties;t<r.length;t++){const

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e=r[t];this.checkDeclaration(e)}else if("ArrayPattern"===e.type)for(let t=0,r=e.elements;t<r.length;t++){const
e=r[t];e&&this.checkDeclaration(e)}else"ObjectProperty"===e.type?this.checkDeclaration(e.value):"RestElement"
===e.type?this.checkDeclaration(e.argument):"AssignmentPattern"===e.type&&this.checkDeclaration(e.left)}che
kDuplicateExports(e,t){this.state.exportedIdentifiers.indexOf(t)>
1&&this.raise(e.start,"default"===t?y.DuplicateDefaultExport:y.DuplicateExport,t),this.state.exportedIdentifiers.pus
h(t)}parseExportSpecifiers(){const e=[];let t=!0;for(this.expect(o.braceL);!this.eat(o.braceR);){if(t=!1;else
if(this.expect(o.comma),this.eat(o.braceR))break;const
r=this.startNode();r.local=this.parseModuleExportName(),r.exported=this.eatContextual("as"?this.parseModuleExp
ortName():r.local.__clone(),e.push(this.finishNode(r,"ExportSpecifier"))}return
e}parseModuleExportName(){if(this.match(o.string)){this.expectPlugin("moduleStringNames");const
e=this.parseLiteral(this.state.value,"StringLiteral"),t=e.value.match(Ce);return
t&&this.raise(e.start,y.ModuleExportNameHasLoneSurrogate,t[0].charCodeAt(0).toString(16)),e}return
this.parseIdentifier(!0)}parseImport(e){if(e.specifiers=[],!this.match(o.string)){const
t=!this.maybeParseDefaultImportSpecifier(e)||this.eat(o.comma),r=t&&this.maybeParseStarImportSpecifier(e);t&&!
r&&this.parseNamedImportSpecifiers(e),this.expectContextual("from")}e.source=this.parseImportSource();const
t=this.maybeParseImportAssertions();if(t)e.assertions=t;else{const
t=this.maybeParseModuleAttributes();t&&(e.attributes=t)}return
this.semicolon(),this.finishNode(e,"ImportDeclaration")}parseImportSource(){return
this.match(o.string)||this.unexpected(),this.parseExprAtom()}shouldParseDefaultImport(e){return
this.match(o.name)}parseImportSpecifierLocal(e,t,r,n){t.local=this.parseIdentifier(),this.checkLVal(t.local,9,void
0,n),e.specifiers.push(this.finishNode(t,r))}parseAssertEntries(){const e=[],t=new
Set;do{if(this.match(o.braceR))break;const
r=this.startNode(),n=this.state.value;if(this.match(o.string)?r.key=this.parseLiteral(n,"StringLiteral"):r.key=this.pars
eIdentifier(!0),this.expect(o.colon),"type"!==n&&this.raise(r.key.start,y.ModuleAttributeDifferentFromType,n),t.ha
s(n)&&this.raise(r.key.start,y.ModuleAttributesWithDuplicateKeys,n),t.add(n,!this.match(o.string))throw
this.unexpected(this.state.start,y.ModuleAttributeInvalidValue);r.value=this.parseLiteral(this.state.value,"StringLiter
al"),this.finishNode(r,"ImportAttribute"),e.push(r)}while(this.eat(o.comma));return
e}maybeParseModuleAttributes(){if(!this.match(o._with)||this.hasPrecedingLineBreak())return
this.hasPlugin("moduleAttributes")?[]:null;this.expectPlugin("moduleAttributes"),this.next();const e=[],t=new
Set;do{const
r=this.startNode();if(r.key=this.parseIdentifier(!0),"type"!==r.key.name&&this.raise(r.key.start,y.ModuleAttributeD
ifferentFromType,r.key.name),t.has(r.key.name)&&this.raise(r.key.start,y.ModuleAttributesWithDuplicateKeys,r.ke
y.name),t.add(r.key.name),this.expect(o.colon),!this.match(o.string))throw
this.unexpected(this.state.start,y.ModuleAttributeInvalidValue);r.value=this.parseLiteral(this.state.value,"StringLiter
al"),this.finishNode(r,"ImportAttribute"),e.push(r)}while(this.eat(o.comma));return
e}maybeParseImportAssertions(){if(!this.isContextual("assert")||this.hasPrecedingLineBreak())return
this.hasPlugin("importAssertions")?[]:null;this.expectPlugin("importAssertions"),this.next(),this.eat(o.braceL);const
e=this.parseAssertEntries();return
this.eat(o.braceR),e}maybeParseDefaultImportSpecifier(e){return!this.shouldParseDefaultImport(e)&&(this.parseI
mportSpecifierLocal(e,this.startNode(),"ImportDefaultSpecifier","default import
specifier"),!0)}maybeParseStarImportSpecifier(e){if(this.match(o.star)){const t=this.startNode();return
this.next(),this.expectContextual("as"),this.parseImportSpecifierLocal(e,t,"ImportNamespaceSpecifier","import
namespace specifier"),!0}return!1}parseNamedImportSpecifiers(e){let
t=!0;for(this.expect(o.braceL);!this.eat(o.braceR);){if(t=!1;else{if(this.eat(o.colon))throw
this.raise(this.state.start,y.DestructureNamedImport);if(this.expect(o.comma),this.eat(o.braceR))break}this.parseImp
ortSpecifier(e)}parseImportSpecifier(e){const
t=this.startNode();if(t.imported=this.parseModuleExportName(),this.eatContextual("as"))t.local=this.parseIdentifier(
);else{const{imported:e}=t;if("StringLiteral"===e.type)throw

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this.raise(t.start,y.ImportBindingIsString,e.value);this.checkReservedWord(e.name,t.start,!0,!0),t.local=e.__clone())t
his.checkLVal(t.local,9,void 0,"import
specifier"),e.specifiers.push(this.finishNode(t,"ImportSpecifier"))}}{constructor(e,t){super(e=function(e){const
t={};for(let r=0,n=Object.keys(he);r<n.length;r++){const i=n[r];t[i]=e&&null!=e[i]?e[i]:he[i]}return t}(e),t);const
r=this.getScopeHandler();this.options=e,this.inModule="module"===this.options.sourceType,this.scope=new
r(this.raise.bind(this),this.inModule),this.prodParam=new re,this.classScope=new
ke(this.raise.bind(this)),this.expressionScope=new Ae(this.raise.bind(this)),this.plugins=function(e){const t=new
Map;for(let r=0;r<e.length;r++){const n=e[r],[i,s]=Array.isArray(n)?n:[n,{}];t.has(i)||t.set(i,s|{ })}return
t}(this.options.plugins),this.filename=e.sourceFilename}getScopeHandler(){return Z}parse(){let
e=0;this.hasPlugin("topLevelAwait")&&this.inModule&&(e|=2),this.scope.enter(1),this.prodParam.enter(e);const
t=this.startNode(),r=this.startNode();return
this.nextToken(),t.errors=null,this.parseTopLevel(t,r),t.errors=this.state.errors,t}function _e(e,t){let
r=De;return(null===e?void 0:e.plugins)&&(!function(e){if(oe(e,"decorators")){if(oe(e,"decorators-legacy"))throw
new Error("Cannot use the decorators and decorators-legacy plugin together");const
t=le(e,"decorators","decoratorsBeforeExport");if(null===t)throw new Error("The \'decorators\' plugin requires a
\'decoratorsBeforeExport\' option, whose value must be a boolean. If you are migrating from Babylon/Babel 6 or
want to use the old decorators proposal, you should use the \'decorators-legacy\' plugin instead of
\'decorators\'.");if("boolean"!==typeof t)throw new Error("\'decoratorsBeforeExport\' must be a
boolean.")}if(oe(e,"flow")&&oe(e,"typescript"))throw new Error("Cannot combine flow and typescript
plugins.");if(oe(e,"placeholders")&&oe(e,"v8intrinsic"))throw new Error("Cannot combine placeholders and
v8intrinsic plugins.");if(oe(e,"pipelineOperator")&&!ce.includes(le(e,"pipelineOperator","proposal"))throw new
Error("\'pipelineOperator\' requires \'proposal\' option whose value should be one of: "+ce.map(e=>`\'${e}\`").join(",
"));if(oe(e,"moduleAttributes")){if(oe(e,"importAssertions"))throw new Error("Cannot combine importAssertions
and moduleAttributes plugins.");if("may-2020"!==le(e,"moduleAttributes","version"))throw new Error("The
\'moduleAttributes\' plugin requires a \'version\' option, representing the last proposal update. Currently, the only
supported value is \'may-
2020\'.")}}if(oe(e,"recordAndTuple")&&!pe.includes(le(e,"recordAndTuple","syntaxType"))throw new
Error("\'recordAndTuple\' requires \'syntaxType\' option whose value should be one of:
"+pe.map(e=>`\'${e}\`").join(", "))}(e.plugins),r=function(e){const t=de.filter(t=>oe(e,t)),r=t.join("/");let
n=Le[r];if(!n){n=De;for(let e=0;e<t.length;e++){const r=t[e];n=ue[r](n)}Le[r]=n}return n}(e.plugins),new
r(e,t)const Le={};t.parse=function(e,t){var r;if("unambiguous"!==!(null==(r=t)?void 0:r.sourceType))return
_e(t,e).parse();t=Object.assign({},t);try{t.sourceType="module";const
r=_e(t,e),n=r.parse();if(r.sawUnambiguousESM)return n;if(r.ambiguousScriptDifferentAst)try{return
t.sourceType="script",_e(t,e).parse()}catch(e){}else n.program.sourceType="script";return n}catch(r){try{return
t.sourceType="script",_e(t,e).parse()}catch(e){}throw r}},t.parseExpression=function(e,t){const r=_e(t,e);return
r.options.strictMode&&(r.state.strict!=0),r.getExpression(),t.tokTypes=o,function(e,t,r){return "use strict";const
n=r(130),i=Symbol("max"),s=Symbol("length"),a=Symbol("lengthCalculator"),o=Symbol("allowStale"),l=Symbol(
"maxAge"),c=Symbol("dispose"),p=Symbol("noDisposeOnSet"),u=Symbol("lruList"),d=Symbol("cache"),h=Symbol(
"updateAgeOnGet"),f=(e,t,r)=>{const n=e[d].get(t);if(n){const
t=n.value;if(y(e,t){if(b(e,n),!e[o])return}else r&&(e[h]&&(n.value.now=Date.now()),e[u].unshiftNode(n));return
t.value}},y=(e,t)=>{if(!t||!t.maxAge&&!e[l])return!1;const r=Date.now()-t.now;return
t.maxAge?r>t.maxAge:e[l]&&r>e[l]},T=e=>{if(e[s]>e[i])for(let t=e[u].tail;e[s]>e[i]&&null!=t;){const
r=t.prev;b(e,t),t=r}},b=(e,t)=>{if(t){const r=t.value;e[c]&&e[c](r.key,r.value),e[s]-
=r.length,e[d].delete(r.key),e[u].removeNode(t)};class
g{constructor(e,t,r,n,i){this.key=e,this.value=t,this.length=r,this.now=n,this.maxAge=i||0}}const S=(e,t,r,n)=>{let
i=r.value;y(e,i)&&(b(e,r),e[o])||i=void
0)},i&&t.call(n,i.value,i.key,e)};e.exports=class{constructor(e){if("number"===typeof
e&&(e={max:e}),e||(e={}),e.max&&("number"!==typeof e.max||e.max<0))throw new TypeError("max must be a

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non-negative number");this[i]=e.max||1/0;const t=e.length||f;if(this[a]="function"!==typeof
t?f:t,this[o]=e.stale||!1,e.maxAge&&"number"!==typeof e.maxAge)throw new TypeError("maxAge must be a
number");this[l]=e.maxAge||0,this[c]=e.dispose,this[p]=e.noDisposeOnSet||!1,this[h]=e.updateAgeOnGet||!1,this.res
et())set max(e){if("number"!==typeof e||e<0)throw new TypeError("max must be a non-negative
number");this[i]=e||1/0,T(this)}get max(){return this[i]}set allowStale(e){this[o]=!e}get allowStale(){return
this[o]}set maxAge(e){if("number"!==typeof e)throw new TypeError("maxAge must be a non-negative
number");this[l]=e,T(this)}get maxAge(){return this[l]}set lengthCalculator(e){"function"!==typeof
e&&(e=f),e!==(this[a]&&(this[a]=e,this[s]=0,this[u].forEach(e=>{e.length=this[a](e.value,e.key),this[s]+=e.length)
}),T(this)}get lengthCalculator(){return this[a]}get length(){return this[s]}get itemCount(){return
this[u].length}forEach(e,t){t=t||this;for(let r=this[u].tail,null!==(r;){const
n=r.prev;S(this,e,r,t),r=n}}forEach(e,t){t=t||this;for(let r=this[u].head,null!==(r;){const
n=r.next;S(this,e,r,t),r=n}}keys(){return this[u].toArray().map(e=>e.key)}values(){return
this[u].toArray().map(e=>e.value)}reset(){this[c]&&this[u]&&this[u].length&&this[u].forEach(e=>this[c](e.key,e
.value)),this[d]=new Map,this[u]=new n,this[s]=0}dump(){return
this[u].map(e=>!y(this,e)&&{k:e.key,v:e.value,e:e.now+(e.maxAge||0)).toArray().filter(e=>e)}dumpLru(){return
this[u]}set(e,t,r){if((r=r||this[l])&&"number"!==typeof r)throw new TypeError("maxAge must be a number");const
n=r?Date.now():0,o=this[a](t,e);if(this[d].has(e)){if(o>this[i])return b(this,this[d].get(e),!1);const
a=this[d].get(e).value;return this[c]&&(this[p]||this[c])(e,a.value),a.now=n,a.maxAge=r,a.value=t,this[s]+=o-
a.length,a.length=0,this.get(e),T(this),!0}const h=new g(e,t,o,n,r);return
h.length>this[i]?(this[c]&&this[c])(e,t,!1):(this[s]+=h.length,this[u].unshift(h),this[d].set(e,this[u].head),T(this),!0)
has(e){if(!this[d].has(e))return!1;const t=this[d].get(e).value;return!y(this,t)}get(e){return
m(this,e,!0)}peek(e){return m(this,e,!1)}pop(){const e=this[u].tail;return
e?(b(this,e),e.value):null}del(e){b(this,this[d].get(e))}load(e){this.reset();const t=Date.now();for(let r=e.length-
1;r>=0;r--){const n=e[r],i=n.e||0;if(0===i)this.set(n.k,n.v);else{const e=i-
t;e>0&&this.set(n.k,n.v,e)}}prune(){this[d].forEach((e,t)=>m(this,t,!1))}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(){throw Error("Test Error
stack")},t.SOURCE_STACK_FRAME_LINE_NUMBER=void
0;t.SOURCE_STACK_FRAME_LINE_NUMBER=12},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.ForAwaitStatement=t.NumericLiteralTypeAnnotation=t.
ExistentialTypeParam=t.SpreadProperty=t.RestProperty=t.Flow=t.Pure=t.Generated=t.User=t.Var=t.BlockScoped=t
.Referenced=t.Scope=t.Expression=t.Statement=t.BindingIdentifier=t.ReferencedMemberExpression=t.ReferencedI
dentifier=void 0;var n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof
e&&"function"!==typeof e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get|a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e}const
s={types:["Identifier","JSXIdentifier"],checkPath(e,t){const{node:r,parent:i}=e;if(!n.isIdentifier(r,t)&&!n.isJSXM
emberExpression(i,t)){if(!n.isJSXIdentifier(r,t))return!1;if(n.react.isCompatTag(r.name))return!1}return
n.isReferenced(r,i,e.parentPath.parent)};t.ReferencedIdentifier=s;const
a={types:["MemberExpression"],checkPath:({node:e,parent:t})=>n.isMemberExpression(e)&&n.isReferenced(e,t)
;t.ReferencedMemberExpression=a;const
o={types:["Identifier"],checkPath(e){const{node:t,parent:r}=e,i=e.parentPath.parent;return
n.isIdentifier(t)&&n.isBinding(t,r,i)};t.BindingIdentifier=o;const
l={types:["Statement"],checkPath({node:e,parent:t}){if(n.isStatement(e)){if(n.isVariableDeclaration(e)){if(n.isForX
Statement(t,{left:e}))return!1;if(n.isForStatement(t,{init:e}))return!1}return!0}return!1}};t.Statement=l;const
c={types:["Expression"],checkPath:e=>e.isIdentifier()?e.isReferencedIdentifier():n.isExpression(e.node)};t.Expressi

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on=c;const p={ types:["Scopable","Pattern"],checkPath:e=>n.isScope(e.node,e.parent)};t.Scope=p;const
u={ checkPath:e=>n.isReferenced(e.node,e.parent)};t.Referenced=u;const
d={ checkPath:e=>n.isBlockScoped(e.node)};t.BlockScoped=d;const
h={ types:["VariableDeclaration"],checkPath:e=>n.isVar(e.node)};t.Var=h;const
f={ checkPath:e=>e.node&&!e.node.loc};t.User=f;const m={ checkPath:e=>!e.isUser()};t.Generated=m;const
y={ checkPath:(e,t)>e.scope.isPure(e.node,t)};t.Pure=y;const
T={ types:["Flow","ImportDeclaration","ExportDeclaration","ImportSpecifier"],checkPath:({node:e})=>!n.isFlow(
e)||n.isImportDeclaration(e)?"type"===e.importKind||"typeof"===e.importKind:n.isExportDeclaration(e)?"type"===
e.exportKind:!!n.isImportSpecifier(e)&&("type"===e.importKind||"typeof"===e.importKind)};t.Flow=T;const
b={ types:["RestElement"],checkPath:e=>e.parentPath&&e.parentPath.isObjectPattern()};t.RestProperty=b;const
g={ types:["RestElement"],checkPath:e=>e.parentPath&&e.parentPath.isObjectExpression()};t.SpreadProperty=g;t.
ExistentialTypeParam={ types:["ExistsTypeAnnotation"]};t.NumericLiteralTypeAnnotation={ types:["NumberLitera
lTypeAnnotation"]};const
S={ types:["ForOfStatement"],checkPath:({node:e})=>!0===e.await};t.ForAwaitStatement=S,function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t){ const r=e.split(".");return
e=>(0,i.default)(e,r,t)};var n,i=(n-r(65))&&n.__esModule?n:{ default:n },function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t,r){ if(!(0,n.isMemberExpression)(e))
return!1;const i=Array.isArray(t)?t.split("."),s=[];let
a;for(a=e;(0,n.isMemberExpression)(a);a=a.object)s.push(a.property);if(s.push(a),s.length<i.length)return!1;if(!r&&
s.length>i.length)return!1;for(let e=0,t=s.length-1;e<i.length;e++,t--){ const r=s[t];let
a;if((0,n.isIdentifier)(r))a=r.name;else{ if(!(0,n.isStringLiteral)(r))return!1;a=r.value }if(i[e]!==a)return!1 }return!0};v
ar n=r(2),function(e,t){ e.exports=function(e,t){ return e===t||e!==e&&t===t }},function(e,t,r){ var
n=r(18),i=r(22);e.exports=function(e){ if(!i(e))return!1;var t=n(e);return "[object Function]"===t||"[object
GeneratorFunction]"===t||"[object AsyncFunction]"===t||"[object Proxy]"===t }},function(e,t){ var r="object"===typeof
global&&global&&global.Object===Object&&global;e.exports=r},function(e,t){ var
r=Function.prototype.toString;e.exports=function(e){ if(null!==e){ try{ return r.call(e)} catch(e){ } }try{ return
e+"" } catch(e){ } }return"" }},function(e,t,r){ var
n=r(71),i=r(66),s=Object.prototype.hasOwnProperty;e.exports=function(e,t,r){ var a=e[t];s.call(e,t)&&i(a,r)&&(void
0!==r||t in e)||n(e,t,r)}},function(e,t,r){ var
n=r(171);e.exports=function(e,t,r){ "__proto__"===t&&n(e,t,{ configurable:!0,enumerable:!0,value:r,writable:!0}):
e[t]=r }},function(e,t,r){ var
n=r(173),i=r(174),s=r(43),a=r(73),o=r(177),l=r(178),c=Object.prototype.hasOwnProperty;e.exports=function(e,t){ v
ar
r=s(e),p=!r&&i(e),u=!r&&!p&&a(e),d=!r&&!p&&!u&&l(e),h=r||p||u||d,f=h?n(e.length,String):[],m=f.length;for(var
y in
e)!t&&!c.call(e,y)||h&&("length"===y||u&&("offset"===y||parent===y)||d&&("buffer"===y||"byteLength"===y||"byteO
ffset"===y)||o(y,m))||f.push(y);return f }},function(e,t,r){ function(e){ var
n=r(7),i=r(176),s=t&&!t.nodeType&&t,a=s&&"object"===typeof
e&&e&&!e.nodeType&&e,o=a&&a.exports===s?n.Buffer:void 0,l=(o?o.isBuffer:void
0)||i;e.exports=l}).call(this,r(31)(e)),function(e,t){ e.exports=function(e){ return "number"===typeof e&&e>
-1&&e%1===0&&e<=9007199254740991 }},function(e,t){ e.exports=function(e,t){ return function(r){ return
e(t(r)) } }},function(e,t,r){ var n=r(67),i=r(74);e.exports=function(e){ return
null!==e&&i(e.length)&&!n(e)}},function(e,t){ e.exports=function(){ return[] }},function(e,t,r){ var
n=r(79),i=r(47),s=r(46),a=r(77),o=Object.getOwnPropertySymbols?function(e){ for(var t=[];e;n(t,s(e)),e=i(e);return
t}:a;e.exports=o},function(e,t){ e.exports=function(e,t){ for(var r=-1,n=t.length,i=e.length;++r<n;)e[i+r]=t[r];return
e }},function(e,t,r){ var n=r(79),i=r(43);e.exports=function(e,t,r){ var s=t(e);return
i(e)?s:n(s,r(e)) }},function(e,t,r){ "use strict";let n=null;function i(e){ if(null!==n&&(n.property,1)){ const e=n;return
n=i.prototype=null,e }return n=i.prototype=null===e?Object.create(null):e,new i }i().e.exports=function(e){ return
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i(e)}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t){ if(e===t)return!0;const
r=n.PLACEHOLDERS_ALIAS[e];if(r)for(const e of r)if(t===e)return!0;return!1};var n=r(5)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.PLACEHOLDERS_FLIPPED_ALIAS=t.PLACEHOLD
ERS_ALIAS=t.PLACEHOLDERS=void 0;var n=r(9);const
i=["Identifier","StringLiteral","Expression","Statement","Declaration","BlockStatement","ClassBody","Pattern"];t.P
LACEHOLDERS=i;const
s={Declaration:["Statement"],Pattern:["PatternLike","LVal"]};t.PLACEHOLDERS_ALIAS=s;for(const e of
i){const t=n.ALIAS_KEYS[e];(null===t?void 0:t.length)&&(s[e]=t)}const
a={};t.PLACEHOLDERS_FLIPPED_ALIAS=a,Object.keys(s).forEach(e=>{s[e].forEach(t=>{ Object.hasOwnProp
erty.call(a,t)||a[t]=[],a[t].push(e)}))}),function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e){return!(!e||!n.VISITOR_KEYS[e.typ
e]);var n=r(5)},function(e,t,r){ "use strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function
e(t){const r={},i={},s=[],a=[];for(let o=0;o<t.length;o++){const
l=t[o];if(l&&!a.indexOf(l)>=0){if((0,n.isAnyTypeAnnotation)(l))return l;if((0,n.isFlowBaseAnnotation)(l))i[l.typ
e]=l;else if((0,n.isUnionTypeAnnotation)(l))s.indexOf(l.types)<0&&(t=t.concat(l.types),s.push(l.types));else
if((0,n.isGenericTypeAnnotation)(l)){const t=l.id.name;if(r[t]){let
n=r[t];n.typeParameters?l.typeParameters&&(n.typeParameters.params=e(n.typeParameters.params.concat(l.typePar
ameters.params))):n=l.typeParameters}else r[t]=l}else a.push(l)}}for(const e of Object.keys(i))a.push(i[e]);for(const
e of Object.keys(r))a.push(r[e]);return a};var n=r(2)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t,r){if(!r||!e)return e;const
n=t+"Comments";e[n]?e[n]="leading"===t?r.concat(e[n]):e[n].concat(r):e[n]=r;return e}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t){(0,i.default)("innerComments",e,t
)};var n,i=(n=r(53))&&n.__esModule?n:{ default:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t){(0,i.default)("leadingComments",e
,t)};var n,i=(n=r(53))&&n.__esModule?n:{ default:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t){return(0,n.default)(e,t),(0,i.default
)(e,t),(0,s.default)(e,t),e};var n=a(r(90)),i=a(r(88)),s=a(r(87));function a(e){return
e&&e.__esModule?e:{ default:e}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t){(0,i.default)("trailingComments",e
,t)};var n,i=(n=r(53))&&n.__esModule?n:{ default:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t){if((0,n.isBlockStatement)(e))return
e;let
r=[];(0,n.isEmptyStatement)(e)?r=[]:((0,n.isStatement)(e)||e=(0,n.isFunction)(t)?(0,i.returnStatement)(e):(0,i.expres
sionStatement)(e)),r=[e];return(0,i.blockStatement)(r)};var n=r(2),i=r(4)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e){e=e(e=e(e+="")).replace(/[\^a-zA-
Z0-9$_]/g,"-").replace(/^-0-9]+/, "").replace(/[-\s]+(.)?/g,(function(e,t){return
t?t.toUpperCase():""})),(0,i.default)(e)||e="_"+e;return e||"_"};var
n,i=(n=r(23))&&n.__esModule?n:{ default:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t){return(0,n.default)(e,i.default,t),e};
var n=s(r(94)),i=s(r(95));function s(e){return e&&e.__esModule?e:{ default:e}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function e(t,r,i){if(!t)return;const
s=n.VISITOR_KEYS[t.type];if(!s)return;r(t,i=i||{});for(const n of s){const s=t[n];if(Array.isArray(s))for(const t of
s)e(t,r,i);else e(s,r,i)};var n=r(5)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t={}){const
r=t.preserveComments?i:s;for(const t of r)null!=e[t]&&(e[t]=void 0);for(const t of
Object.keys(e))"_===t[0]&&null!=e[t]&&(e[t]=void 0);const n=Object.getOwnPropertySymbols(e);for(const t of
n)e[t]=null};var n=r(13);const

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i=["tokens","start","end","loc","raw","rawValue"],s=n.COMMENT_KEYS.concat(["comments"]).concat(i)},function(e,t,r){
  use
  strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,n.isVariableDeclaration)(e)
  &&("var"!==e.kind||e[i.BLOCK_SCOPED_SYMBOL])};var
  n=r(2),i=r(13)},function(e,t,r){e.exports=function(e){function t(e){let t=0;for(let r=0;r<e.length;r++)t=(t<<5)-
  t+e.charCodeAt(r),t|=0;return n.colors[Math.abs(t)%n.colors.length]}function n(e){let r;function
  a(...e){if(!a.enabled)return;const t=a,i=Number(new Date),s=i-
  (r||i),t.diff=s,t.prev=r,t.curr=i,r=i,e[0]=n.coerce(e[0],"string"!==typeof e[0]&&e.unshift("%O"));let
  o=0;e[0]=e[0].replace(/%([a-zA-Z%])/g,(r,i)=>{if("%"===r)return r;o++;const
  s=n.formatters[i];if("function"===typeof s){const n=e[o];r=s.call(t,n),e.splice(o,1),o--}return
  r}),n.formatArgs.call(t,e),(t.log||n.log).apply(t,e)}return
  a.namespace=e,a.enabled=n.enabled(e),a.useColors=n.useColors(),a.color=t(e),a.destroy=i,a.extend=s,"function"===t
  ypeof n.init&&n.init(a),n.instances.push(a),a}function i(){const e=n.instances.indexOf(this);return-
  1!==e&&(n.instances.splice(e,1),!0)}function s(e,t){const r=n(this.namespace+(void 0===t?"":t)+e);return
  r.log=this.log,r}function a(e){return e.toString().substring(2,e.toString().length-2).replace(/\.\.\.*\?$/,"*")}return
  n.debug=n,n.default=n,n.coerce=function(e){if(e instanceof Error)return e.stack||e.message;return
  e},n.disable=function(){const e=[...n.names.map(a),...n.skips.map(a).map(e=>"-"+e)].join(",");return
  n.enable(""),e},n.enable=function(e){let t;n.save(e),n.names=[],n.skips=[];const r=("string"===typeof
  e?"").split(/[\s,]+/),i=r.length;for(t=0;t<i;t++)r[t]&&("-"===e=r[t].replace(/\*/g,".*?"))[0]?n.skips.push(new
  RegExp("^"+e.substr(1)+"$")):n.names.push(new RegExp("^"+e+"$"));for(t=0;t<n.instances.length;t++){const
  e=n.instances[t];e.enabled=n.enabled(e.namespace)},n.enabled=function(e){if("*"===e[e.length-1])return!0;let
  t,r;for(t=0,r=n.skips.length;t<r;t++)if(n.skips[t].test(e))return!1;for(t=0,r=n.names.length;t<r;t++)if(n.names[t].test(e
  ))return!0;return!1},n.humanize=r(257),Object.keys(e).forEach(t=>{n[t]=e[t]}),n.instances=[],n.names=[],n.skips=[]
  ,n.formatters={},n.selectColor=t,n.enable(n.load()),n)},function(e,t){e.exports=require("tty")},function(e,t){e.expor
  ts=require("os")},function(e,t,r){use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;var
  n=p(r(262)),i=p(r(17)),s=p(r(101)),a=p(r(312)),o=function(e){if(e&&e.__esModule)return
  e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=c();if(t&&t.has(e))return
  t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
  e)if(Object.prototype.hasOwnProperty.call(e,i)){var
  s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
  &&t.set(e,r);return r}(r(0)),l=r(38);function c(){if("function"!==typeof WeakMap)return null;var e=new
  WeakMap;return c=function(){return e},e}function p(e){return e&&e.__esModule?e:{default:e}}const
  u={For(e){for(const t of o.FOR_INIT_KEYS){const
  r=e.get(t);if(r.isVar()){(e.scope.getFunctionParent()||e.scope.getProgramParent()).registerBinding("var",r)}},Declar
  ation(e){if(e.isBlockScoped())return;if(e.isExportDeclaration())&&e.get("declaration").isDeclaration()return;(e.scop
  e.getFunctionParent()||e.scope.getProgramParent()).registerDeclaration(e)},ReferencedIdentifier(e,t){t.references.pu
  sh(e)},ForXStatement(e,t){const
  r=e.get("left");(r.isPattern()||r.isIdentifier())&&t.constantViolations.push(e)},ExportDeclaration:{exit(e){const{node
  :t,scope:r}=e,n=t.declaration;if(o.isClassDeclaration(n)||o.isFunctionDeclaration(n)){const t=n.id;if(!t)return;const
  i=r.getBinding(t.name);i&&i.reference(e)}else if(o.isVariableDeclaration(n))for(const t of n.declarations)for(const n
  of Object.keys(o.getBindingIdentifiers(t))){const
  t=r.getBinding(n);t&&t.reference(e)}},LabeledStatement(e){e.scope.getProgramParent().addGlobal(e.node),e.scop
  e.getBlockParent().registerDeclaration(e)},AssignmentExpression(e,t){t.assignments.push(e)},UpdateExpression(e,t
  ){t.constantViolations.push(e)},UnaryExpression(e,t){"delete"===e.node.operator&&t.constantViolations.push(e)},
  BlockScoped(e){let
  t=e.scope;if(t.path===e&&(t=t.parent),t.getBlockParent().registerDeclaration(e),e.isClassDeclaration()&&e.node.id
  ){const t=e.node.id.name;e.scope.bindings[t]=e.scope.parent.getBinding(t)},Block(e){const
  t=e.get("body");for(const r of

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t).isFunctionDeclaration()&&e.scope.getBlockParent().registerDeclaration(r)},CatchClause(e){e.scope.registerBinding("let",e)},Function(e){e.isFunctionExpression()&&e.has("id")&&!e.get("id").node[o.NOT_LOCAL_BINDING]&&e.scope.registerBinding("local",e.get("id"),e);const t=e.get("params");for(const r of t)e.scope.registerBinding("param",r)},ClassExpression(e){e.has("id")&&!e.get("id").node[o.NOT_LOCAL_BINDING]&&e.scope.registerBinding("local",e)}};let d=0;class
h{constructor(e){const{node:t}=e,r=l.scope.get(t);if((null==r?void 0:r.path)===e)return
r;l.scope.set(t,this),this.uid=d++,this.block=t,this.path=e,this.labels=new Map,this.inited=!1}get parent(){const
e=this.path.findParent(e=>e.isScope());return null==e?void 0:e.scope}get parentBlock(){return this.path.parent}get
hub(){return this.path.hub}traverse(e,t,r){(0,i.default)(e,t,this,r,this.path)}generateDeclaredUidIdentifier(e){const
t=this.generateUidIdentifier(e);return this.push({id:t}),o.cloneNode(t)}generateUidIdentifier(e){return
o.identifier(this.generateUid(e))}generateUid(e="temp"){let t;e=o.toIdentifier(e).replace(/^\_+/, "").replace(/[0-
9]+$/g, "");let
r=1;do{t=this._generateUid(e,r,r++)}while(this.hasLabel(t)||this.hasBinding(t)||this.hasGlobal(t)||this.hasReference(t
));const n=this.getProgramParent();return n.references[t]=!0,n.uids[t]=!0,t._generateUid(e,t){let r=e;return
t>1&&(r+=t),"_" +r}generateUidBasedOnNode(e,t){const r=[];!function e(t,r){switch(null==t?void
0:t.type){default:if(o.isModuleDeclaration(t))if(t.source)e(t.source,r);else
if(t.specifiers&&t.specifiers.length)for(const n of t.specifiers)e(n,r);else t.declaration&&e(t.declaration,r);else
o.isModuleSpecifier(t)?e(t.local,r):o.isLiteral(t)&&r.push(t.value);break;case"MemberExpression":case"OptionalMe
mberExpression":case"JSXMemberExpression":e(t.object,r),e(t.property,r);break;case"Identifier":case"JSXIdentifie
r":r.push(t.name);break;case"CallExpression":case"OptionalCallExpression":case"NewExpression":e(t.callee,r);brea
k;case"ObjectExpression":case"ObjectPattern":for(const n of
t.properties)e(n,r);break;case"SpreadElement":case"RestElement":e(t.argument,r);break;case"ObjectProperty":case"
ObjectMethod":case"ClassProperty":case"ClassMethod":case"ClassPrivateProperty":case"ClassPrivateMethod":e(t.
key,r);break;case"ThisExpression":r.push("this");break;case"Super":r.push("super");break;case"Import":r.push("imp
ort");break;case"DoExpression":r.push("do");break;case"YieldExpression":r.push("yield"),e(t.argument,r);break;cas
e"AwaitExpression":r.push("await"),e(t.argument,r);break;case"AssignmentExpression":e(t.left,r);break;case"Variab
leDeclarator":e(t.id,r);break;case"FunctionExpression":case"FunctionDeclaration":case"ClassExpression":case"Clas
sDeclaration":case"PrivateName":e(t.id,r);break;case"ParenthesizedExpression":e(t.expression,r);break;case"Unary
Expression":case"UpdateExpression":e(t.argument,r);break;case"MetaProperty":e(t.meta,r),e(t.property,r);break;cas
e"JSXElement":e(t.openingElement,r);break;case"JSXOpeningElement":r.push(t.name);break;case"JSXFragment":e(
t.openingFragment,r);break;case"JSXOpeningFragment":r.push("Fragment");break;case"JSXNamespacedName":e(
t.namespace,r),e(t.name,r)}(e,r);let n=r.join("$");return
n=n.replace(/^\_+/, "")||t||"ref",this.generateUid(n.slice(0,20))}generateUidIdentifierBasedOnNode(e,t){return
o.identifier(this.generateUidBasedOnNode(e,t))}isStatic(e){if(o.isThisExpression(e)||o.isSuper(e))return!0;if(o.isIde
ntifier(e)){const t=this.getBinding(e.name);return
t?t.constant:this.hasBinding(e.name)}return!1}maybeGenerateMemoised(e,t){if(this.isStatic(e))return null;{const
r=this.generateUidIdentifierBasedOnNode(e);return
t?:r:(this.push({id:r}),o.cloneNode(r))}checkBlockScopedCollisions(e,t,r,n){if("param"===t)return;if("local"===e.
kind)return;if("let"===t||"let"===e.kind||"const"===e.kind||"module"===e.kind||"param"===e.kind&&("let"===t||"c
onst"===t))throw this.hub.buildError(n,`Duplicate declaration "${r}"`,TypeError)}rename(e,t,r){const
i=this.getBinding(e);if(i)return t||this.generateUidIdentifier(e).name,new
n.default(i,e,t).rename(r)}_renameFromMap(e,t,r,n){e[t]&&(e[r]=n,e[t]=null)}dump(){const e="-
.repeat(60);console.log(e);let t=this;do{console.log("#",t.block.type);for(const e of Object.keys(t.bindings)){const
r=t.bindings[e];console.log("-
",e,{constant:r.constant,references:r.references,violations:r.constantViolations.length,kind:r.kind})}}while(t=t.paren
t);console.log(e)}toArray(e,t,r){if(o.isIdentifier(e)){const t=this.getBinding(e.name);if((null==t?void
0:t.constant)&&t.path.isGenericType("Array"))return e}if(o.isArrayExpression(e))return
e;if(o.isIdentifier(e,{name:"arguments"}))return

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o.callExpression(o.memberExpression(o.memberExpression(o.memberExpression(o.identifier("Array"),o.identifier(
"prototype")),o.identifier("slice")),o.identifier("call")),[e]);let n;const
i=[e];return!0===t?n="toConsumableArray":t?(i.push(o.numericLiteral(t)),n="slicedToArray"):n="toArray",r&&(i.
unshift(this.hub.addHelper(n)),n="maybeArrayLike"),o.callExpression(this.hub.addHelper(n),i)}hasLabel(e){return!
!this.getLabel(e)}getLabel(e){return
this.labels.get(e)}registerLabel(e){this.labels.set(e.node.label.name,e)}registerDeclaration(e){if(e.isLabeledStateme
nt())this.registerLabel(e);else if(e.isFunctionDeclaration())this.registerBinding("hoisted",e.get("id"),e);else
if(e.isVariableDeclaration()){const t=e.get("declarations");for(const r of t)this.registerBinding(e.node.kind,r)}else
if(e.isClassDeclaration())this.registerBinding("let",e);else if(e.isImportDeclaration()){const
t=e.get("specifiers");for(const e of t)this.registerBinding("module",e)}else if(e.isExportDeclaration()){const
t=e.get("declaration");(t.isClassDeclaration()||t.isFunctionDeclaration()||t.isVariableDeclaration())&&this.registerDe
claration(t)}else this.registerBinding("unknown",e)}buildUndefinedNode(){return
o.unaryExpression("void",o.numericLiteral(0),!0)}registerConstantViolation(e){const
t=e.getBindingIdentifiers();for(const r of Object.keys(t)){const
t=this.getBinding(r);t&&t.reassign(e)}registerBinding(e,t,r=t){if(!e)throw new ReferenceError("no
`kind`");if(t.isVariableDeclaration()){const r=t.get("declarations");for(const t of
r)this.registerBinding(e,t);return}const n=this.getProgramParent(),i=t.getOuterBindingIdentifiers(!0);for(const t of
Object.keys(i)){n.references[t]=!0;for(const n of i[t]){const
i=this.getOwnBinding(t);if(i){if(i.identifier===n)continue;this.checkBlockScopedCollisions(i,e,t,n)}i?this.registerC
onstantViolation(r):this.bindings[t]=new
s.default({identifier:n,scope:this,path:r,kind:e})}}addGlobal(e){this.globals[e.name]=e}hasUid(e){let
t=this;do{if(t.uids[e])return!0}while(t=t.parent);return!1}hasGlobal(e){let
t=this;do{if(t.globals[e])return!0}while(t=t.parent);return!1}hasReference(e){return!!this.getProgramParent().refere
nces[e]}isPure(e,t){if(o.isIdentifier(e)){const
r=this.getBinding(e.name);return!r&&(t!r.constant)}if(o.isClass(e))return!(e.superClass&&!this.isPure(e.superCla
ss,t))&&this.isPure(e.body,t);if(o.isClassBody(e)){for(const r of
e.body)if(!this.isPure(r,t))return!1;return!0}if(o.isBinary(e))return
this.isPure(e.left,t)&&this.isPure(e.right,t);if(o.isArrayExpression(e)){for(const r of
e.elements)if(!this.isPure(r,t))return!1;return!0}if(o.isObjectExpression(e)){for(const r of
e.properties)if(!this.isPure(r,t))return!1;return!0}if(o.isMethod(e))return!(e.computed&&!this.isPure(e.key,t))&&("g
et"!==e.kind&&"set"===e.kind);if(o.isProperty(e))return!(e.computed&&!this.isPure(e.key,t))&&this.isPure(e.value
,t);if(o.isUnaryExpression(e))return this.isPure(e.argument,t);if(o.isTaggedTemplateExpression(e))return
o.matchesPattern(e.tag,"String.raw")&&!this.hasBinding("String",!0)&&this.isPure(e.quasi,t);if(o.isTemplateLiteral
(e)){for(const r of e.expressions)if(!this.isPure(r,t))return!1;return!0}return o.isPureish(e)}setData(e,t){return
this.data[e]=t}getData(e){let t=this;do{const r=t.data[e];if(null!=r)return r}while(t=t.parent)}removeData(e){let
t=this;do{null!=t.data[e]&&(t.data[e]=null)}while(t=t.parent)}init(){this.inited||(this.inited=!0,this.crawl())}crawl(){
const
e=this.path;if(this.references=Object.create(null),this.bindings=Object.create(null),this.globals=Object.create(null),t
his.uids=Object.create(null),this.data=Object.create(null),e.isFunction()){e.isFunctionExpression()&&e.has("id")&
&e.get("id").node[o.NOT_LOCAL_BINDING]&&this.registerBinding("local",e.get("id"),e);const
t=e.get("params");for(const e of t)this.registerBinding("param",e)}const
t=this.getProgramParent();if(t.crawling)return;const
r={references:[],constantViolations:[],assignments:[]};this.crawling=!0,e.traverse(u,r),this.crawling=!1;for(const e
of r.assignments){const r=e.getBindingIdentifiers();for(const n of
Object.keys(r))e.scope.getBinding(n)||t.addGlobal(r[n]);e.scope.registerConstantViolation(e)}for(const e of
r.references){const r=e.scope.getBinding(e.node.name);r?r.reference(e):t.addGlobal(e.node)}for(const e of
r.constantViolations)e.scope.registerConstantViolation(e)}push(e){let
t=this.path;t.isBlockStatement()||t.isProgram()||(t=this.getBlockParent().path),t.isSwitchStatement()&&(t=this.getF

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unctionParent()||this.getProgramParent()).path),(t.isLoop()||t.isCatchClause()||t.isFunction())&&(t.ensureBlock(),t=t.get("body"));const r=e.unique,n=e.kind||"var",i=null===e._blockHoist?2:e._blockHoist,s=`declaration:${n}:${i}`;let a=!r&&t.getData(s);if(!a){const e=o.variableDeclaration(n,[]);e._blockHoist=i,[a]=t.unshiftContainer("body",[e]),r||t.setData(s,a)}const l=o.variableDeclarator(e.id,e.init);a.node.declarations.push(l),this.registerBinding(n,a.get("declarations").pop())}getProgramParent(){let e=this;do{if(e.path.isProgram())return e}while(e=e.parent);throw new Error("Couldn't find a Program")}getFunctionParent(){let e=this;do{if(e.path.isFunctionParent())return e}while(e=e.parent);return null}getBlockParent(){let e=this;do{if(e.path.isBlockParent())return e}while(e=e.parent);throw new Error("We couldn't find a BlockStatement, For, Switch, Function, Loop or Program...")}getAllBindings(){const e=Object.create(null);let t=this;do{for(const r of Object.keys(t.bindings))r in e===!1&&(e[r]=t.bindings[r]);t=t.parent}while(t);return e}getAllBindingsOfKind(){const e=Object.create(null);for(const t of arguments){let r=this;do{for(const n of Object.keys(r.bindings)){const i=r.bindings[n];i.kind===t&&(e[n]=i)}r=r.parent}while(r)}return e}bindingIdentifierEquals(e,t){return this.getBindingIdentifier(e)===t}getBinding(e){let t,r=this;do{const i=r.getOwnBinding(e);var n;if(i)if(!(null==(n=t)?void 0:n.isPattern())||"param"===i.kind)return i;t=r.path}while(r=r.parent)}getOwnBinding(e){return this.bindings[e]}getBindingIdentifier(e){var t;return null==(t=this.getBinding(e)?void 0:t.identifier)}getOwnBindingIdentifier(e){const t=this.bindings[e];return null==t?void 0:t.identifier}hasOwnBinding(e){return!!this.getOwnBinding(e)}hasBinding(e,t){return!!e&&(!!this.hasOwnBinding(e)||(!this.parentHasBinding(e,t)||(!this.hasUid(e)||(!t||!h.globals.includes(e)||!t||!h.contextVariables.includes(e)))))}parentHasBinding(e,t){var r;return null==(r=this.parent)?void 0:r.hasBinding(e,t)}moveBindingTo(e,t){const r=this.getBinding(e);r&&(r.scope.removeOwnBinding(e),r.scope=t,t.bindings[e]=r)}removeOwnBinding(e){delete this.bindings[e]}removeBinding(e){var t;null==(t=this.getBinding(e))||t.scope.removeOwnBinding(e);let r=this;do{r.uids[e]&&(r.uids[e]=1)}while(r=r.parent)}t.default=h,h.globals=Object.keys(a.default.builtin),h.contextVariables=["arguments","undefined","Infinity","NaN"],function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;0;t.default=class{constructor({identifier:e,scope:t,path:r,kind:n}){this.constantViolations=[],this.constant=!0,this.referencePaths=[],this.referenced=!1,this.references=0,this.identifier=e,this.scope=t,this.path=r,this.kind=n,this.clearValue()}deoptValue(){this.clearValue(),this.hasDeoptedValue=!0}setValue(e){this.hasDeoptedValue||(this.hasValue=!0,this.value=e)}clearValue(){this.hasDeoptedValue=!1,this.hasValue=!1,this.value=null}reassign(e){this.constant=!1,-1===this.constantViolations.indexOf(e)&&this.constantViolations.push(e)}reference(e){-1===this.referencePaths.indexOf(e)&&(this.referenced=!0,this.references++,this.referencePaths.push(e))}dereference(){this.references--,this.referenced=!this.references}}},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){const r=e.split(".");return e=>(0,n.default)(e,r,t)};var n=r(103)},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){if(!(0,n.isMemberExpression)(e))return!1;const i=Array.isArray(t)?t.split("."),s=[];let a;for(a=e;(0,n.isMemberExpression)(a);a=a.object)s.push(a.property);if(s.push(a),s.length<i.length)return!1;if(!r&&s.length>i.length)return!1;for(let e=0,t=s.length-1;e<i.length;e++,t--){const r=s[t];let a;if((0,n.isIdentifier)(r))a=r.name;else if((0,n.isStringLiteral)(r))a=r.value;else{if(!(0,n.isThisExpression)(r))return!1;a="this"}if(i[e]!==a)return!1}return!0};var n=r(1)}},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){if(e===t)return!0;const r=n.PLACEHOLDERS_ALIAS[e];if(r)for(const e of r)if(t===e)return!0;return!1};var n=r(6)},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.PLACEHOLDERS_FLIPPED_ALIAS=t.PLACEHOLDERS_ALIAS=t.PLACEHOLDERS=void 0;var n=r(10);const i=["Identifier","StringLiteral","Expression","Statement","Declaration","BlockStatement","ClassBody","Pattern"];t.PLACEHOLDERS=i;const

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s={Declaration:["Statement"],Pattern:["PatternLike","LVal"]};t.PLACEHOLDERS_ALIAS=s;for(const e of
i){const t=n.ALIAS_KEYS[e];null!=t&&t.length&&(s[e]=t)}const
a={};t.PLACEHOLDERS_FLIPPED_ALIAS=a,Object.keys(s).forEach(e=>{s[e].forEach(t=>{Object.hasOwnProp
erty.call(a,t)||(a[t]=[]),a[t].push(e)}))}),function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return!(!e||!n.VISITOR_KEYS[e.typ
e]);var n=r(6),function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function
e(t){const r={},s={},a=[],o=[];for(let l=0;l<t.length;l++){const
c=t[l];if(c&&!(o.indexOf(c)>=0)){if((0,n.isAnyTypeAnnotation)(c))return[c];if((0,n.isFlowBaseAnnotation)(c))s[c.t
ype]=c;else if((0,n.isUnionTypeAnnotation)(c))a.indexOf(c.types)<0&&(t=t.concat(c.types),a.push(c.types));else
if((0,n.isGenericTypeAnnotation)(c)){const t=i(c.id);if(r[t]){let
n=r[t];n.typeParameters?c.typeParameters&&(n.typeParameters.params=e(n.typeParameters.params.concat(c.typePa
rameters.params))):n=c.typeParameters}else r[t]=c}else o.push(c)}}for(const e of
Object.keys(s))o.push(s[e]);for(const e of Object.keys(r))o.push(r[e]);return o};var n=r(1);function
i(e){return(0,n.isIdentifier)(e)?e.name:`${e.id.name}.${e.qualification}`:},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){if(!r||!e)return e;const
n=t+"Comments";e[n]?e[n]="leading"===t?r.concat(e[n]):e[n].concat(r):e[n]=r;return e}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){(0,n.default)("innerComments",e,t
)};var n=r(58)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){(0,n.default)("leadingComments",e
,t)};var n=r(58)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){return(0,n.default)(e,t),(0,i.default
)(e,t),(0,s.default)(e,t),e};var n=r(112),i=r(110),s=r(109)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){(0,n.default)("trailingComments",e
,t)};var n=r(58)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){if((0,n.isBlockStatement)(e))return
e;let
r=[];(0,n.isEmptyStatement)(e)?r=[]:((0,n.isStatement)(e)||e=(0,n.isFunction)(t)?(0,i.returnStatement)(e):(0,i.expres
sionStatement)(e)),r=[e];return(0,i.blockStatement)(r)};var n=r(1),i=r(3)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){e+="";let t="";for(const r of
e)t+=(0,i.isIdentifierChar)(r.codePointAt(0))?r:"-";t=t.replace(/^[^-0-9]+/, ""),t=t.replace(/[-
\s]+(.)?/g,(function(e,t){return t?t.toUpperCase():""})),(0,n.default)(t)||t="_"+t;return t||"_"};var
n=r(24),i=r(19)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){return(0,n.default)(e,i.default,t),e};
var n=r(116),i=r(117)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function e(t,r,i){if(!t)return;const
s=n.VISITOR_KEYS[t.type];if(!s)return;r(t,i=||{});for(const n of s){const s=t[n];if(Array.isArray(s))for(const t of
s)e(t,r,i);else e(s,r,i)};var n=r(6)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t={}){const
r=t.preserveComments?i:s;for(const t of r)null!=e[t]&&(e[t]=void 0);for(const t of
Object.keys(e))"_"+t[0]&&null!=e[t]&&(e[t]=void 0);const n=Object.getOwnPropertySymbols(e);for(const t of
n)e[t]=null};var n=r(15);const
i=["tokens","start","end","loc","raw","rawValue"],s=n.COMMENT_KEYS.concat(["comments"]).concat(i),functio
n(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,n.isVariableDeclaration)(e)
&&("var"!==e.kind||e[i.BLOCK_SCOPED_SYMBOL])};var n=r(1),i=r(15)},function(e,t,r){var
n=r(120),i=r(25),s=r(121).ArraySet,a=r(318).MappingList;function
o(e){e||e={},this._file=i.getArg(e,"file",null),this._sourceRoot=i.getArg(e,"sourceRoot",null),this._skipValidation
=i.getArg(e,"skipValidation",!1),this._sources=new s,this._names=new s,this._mappings=new

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a,this._sourcesContents=null}o.prototype._version=3,o.fromSourceMap=function(e){var t=e.sourceRoot,r=new
o({file:e.file,sourceRoot:t});return e.eachMapping((function(e){var
n={generated:{line:e.generatedLine,column:e.generatedColumn}};null!=e.source&&(n.source=e.source,null!=t&&(
n.source=i.relative(t,n.source)),n.original={line:e.originalLine,column:e.originalColumn},null!=e.name&&(n.name
=e.name)),r.addMapping(n)})),e.sources.forEach((function(t){var
n=e.sourceContentFor(t);null!=n&&r.setSourceContent(t,n)}),r),o.prototype.addMapping=function(e){var
t=i.getArg(e,"generated"),r=i.getArg(e,"original",null),n=i.getArg(e,"source",null),s=i.getArg(e,"name",null);this._s
kipValidation||this._validateMapping(t,r,n,s),null!=n&&(n=String(n),this._sources.has(n)||this._sources.add(n)),null!
=s&&(s=String(s),this._names.has(s)||this._names.add(s)),this._mappings.add({generatedLine:t.line,generatedColu
mn:t.column,originalLine:null!=r&&r.line,originalColumn:null!=r&&r.column,source:n,name:s}),o.prototype.setS
ourceContent=function(e,t){var
r=e;null!=this._sourceRoot&&(r=i.relative(this._sourceRoot,r)),null!=t?(this._sourcesContents||(this._sourcesConten
ts=Object.create(null)),this._sourcesContents[i.toSetString(r)]=t):this._sourcesContents&&(delete
this._sourcesContents[i.toSetString(r)],0===Object.keys(this._sourcesContents).length&&(this._sourcesContents=null)),o.prototype.applySourceMap=function(e,t,r){var n=t;if(null==t){if(null==e.file)throw new
Error('\SourceMapGenerator.prototype.applySourceMap requires either an explicit source file, or the source map\\\'s
"file" property. Both were omitted.\\');n=e.file}var a=this._sourceRoot;null!=a&&(n=i.relative(a,n));var o=new
s,l=new s;this._mappings.unsortedForEach((function(t){if(t.source===n&&null!=t.originalLine){var
s=e.originalPositionFor({line:t.originalLine,column:t.originalColumn});null!=s.source&&(t.source=s.source,null!=r
&&(t.source=i.join(r,t.source)),null!=a&&(t.source=i.relative(a,t.source)),t.originalLine=s.line,t.originalColumn=s.c
olumn,null!=s.name&&(t.name=s.name))}var c=t.source;null==c||o.has(c)||o.add(c);var
p=t.name;null==p||l.has(p)||l.add(p)}),this),this._sources=o,this._names=l,e.sources.forEach((function(t){var
n=e.sourceContentFor(t);null!=n&&(null!=r&&(t=i.join(r,t)),null!=a&&(t=i.relative(a,t)),this.setSourceContent(t,n
)}),this)},o.prototype._validateMapping=function(e,t,r,n){if(t&&"number"!=typeof t.line&&"number"!=typeof
t.column)throw new Error("original.line and original.column are not numbers -- you probably meant to omit the
original mapping entirely and only map the generated position. If so, pass null for the original mapping instead of an
object with empty or null values.");if(!(e&&"line" in e&&"column" in
e&&e.line>0&&e.column>=0)||t||r||n)&&!(e&&"line" in e&&"column" in e&&t&&"line" in t&&"column" in
t&&e.line>0&&e.column>=0&&t.line>0&&t.column>=0&&r))throw new Error("Invalid mapping:
"+JSON.stringify({generated:e,source:r,original:t,name:n})),o.prototype._serializeMappings=function(){for(var
e,t,r,s,a=0,o=1,l=0,c=0,p=0,u=0,d="",h=this._mappings.toArray(),f=0,m=h.length;f<m;f++){if(e="",(t=h[f]).generat
edLine!==o)for(a=0;t.generatedLine!==o;e+=";",o++);else if(f>0){if(!i.compareByGeneratedPositionsInflated(t,h[f-
1]))continue;e+=", "}e+=n.encode(t.generatedColumn-
a),a=t.generatedColumn,null!=t.source&&(s=this._sources.indexOf(t.source),e+=n.encode(s-
u),u=s,e+=n.encode(t.originalLine-1-c),c=t.originalLine-1,e+=n.encode(t.originalColumn-
l),l=t.originalColumn,null!=t.name&&(r=this._names.indexOf(t.name),e+=n.encode(r-p),p=r)),d+=e}return
d},o.prototype._generateSourcesContent=function(e,t){return e.map((function(e){if(!this._sourcesContents)return
null;null!=t&&(e=i.relative(t,e));var r=i.toSetString(e);return
Object.prototype.hasOwnProperty.call(this._sourcesContents,r)?this._sourcesContents[r]:null}),this)},o.prototype.to
JSON=function(){var
e={version:this._version,sources:this._sources.toArray(),names:this._names.toArray(),mappings:this._serializeMapp
ings()};return
null!=this._file&&(e.file=this._file),null!=this._sourceRoot&&(e.sourceRoot=this._sourceRoot),this._sourcesConte
nts&&(e.sourcesContent=this._generateSourcesContent(e.sources,e.sourceRoot)),e},o.prototype.toString=function()
{return JSON.stringify(this.toJSON()),t.SourceMapGenerator=o,function(e,t,r){var
n=r(317);t.encode=function(e){var t,r="",i=function(e){return e<0?1+(-
e<<1):0+(e<<1)}(e);do{t=31&i,(i>>=5)>0&&(t|=32),r+=n.encode(t)}while(i>0);return
r},t.decode=function(e,t,r){var i,s,a,o,l=e.length,c=0,p=0;do{if(t>=l)throw new Error("Expected more digits in base

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64 VLQ value.");if(-1===s)n.decode(e.charCodeAt(t++))throw new Error("Invalid base64 digit: "+e.charAt(t-
1));i=!(32&s),c+=s&=31<<p,p+=5}while(i);r.value=(o=(a=c)>>1,1==(1&a)?-o:o),r.rest=t}},function(e,t,r){var
n=r(25),i=Object.prototype.hasOwnProperty,s="undefined"!=typeof Map;function
a(){this._array=[],this._set=s?new Map:Object.create(null)}a.fromArray=function(e,t){for(var r=new
a,n=0,i=e.length;n<i;n++)r.add(e[n],t);return r},a.prototype.size=function(){return
s?this._set.size:Object.getOwnPropertyNames(this._set).length},a.prototype.add=function(e,t){var
r=s?e.n.toSetString(e),a=s?this.has(e):i.call(this._set,r),o=this._array.length;a&&!t||this._array.push(e),a||s?this._set.
set(e,o):this._set[r]=o},a.prototype.has=function(e){if(s)return this._set.has(e);var t=n.toSetString(e);return
i.call(this._set,t)},a.prototype.indexOf=function(e){if(s){var t=this._set.get(e);if(t>=0)return t}else{var
r=n.toSetString(e);if(i.call(this._set,r))return this._set[r]}throw new Error("\'+e+' is not in the
set.")},a.prototype.at=function(e){if(e>=0&&e<this._array.length)return this._array[e];throw new Error("No
element indexed by "+e)},a.prototype.toArray=function(){return
this._array.slice()},t.ArraySet=a},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.needsWhitespace=h,t.needsWhitespaceBefore=function(
e,t){return h(e,t,"before")},t.needsWhitespaceAfter=function(e,t){return
h(e,t,"after")},t.needsParens=function(e,t,r){if(!t)return!1;if(s.isNewExpression(t)&&t.callee===e&&function
e(t){if(s.isCallExpression(t))return!0;return s.isMemberExpression(t)&&e(t.object)}(e))return!0;return
d(c,e,t,r)};var n=o(r(325)),i=o(r(326)),s=o(r(0));function a(){if("function"!=typeof WeakMap)return null;var e=new
WeakMap;return a=function(){return e},e}function o(e){if(e&&e.__esModule)return
e;if(null===e||"object"!=typeof e&&"function"!=typeof e)return{default:e};var t=a();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}return
r.default=e,t&&t.set(e,r),r}function l(e){const t={};function r(e,r){const n=t[e];t[e]=n?function(e,t,i){const
s=n(e,t,i);return null==s?r(e,t,i):s}:r}for(const t of Object.keys(e)){const
n=s.FLIPPED_ALIAS_KEYS[t];if(n)for(const i of n)r(i,e[t]);else r(t,e[t])}return t}const
c=l(i),p=l(n.nodes),u=l(n.list);function d(e,t,r,n){const i=e[t.type];return i?i(t,r,n):null}function h(e,t,r){if(!e)return
0;s.isExpressionStatement(e)&&(e=e.expression);let n=d(p,e,t);if(!n){const i=d(u,e,t);if(i)for(let
t=0;t<i.length&&(n=h(i[t],e,r),!n);t++);}return"object"===typeof n&&null!==n&&n[r]||0}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.ImportSpecifier=function(e){"type"!==e.importKind&&
"typeof"!==e.importKind||(this.word(e.importKind),this.space());this.print(e.imported,e),e.local&&e.local.name!==e
.imported.name&&(this.space(),this.word("as"),this.space(),this.print(e.local,e))},t.ImportDefaultSpecifier=function
(e){this.print(e.local,e)},t.ExportDefaultSpecifier=function(e){this.print(e.exported,e)},t.ExportSpecifier=function(e
){this.print(e.local,e),e.exported&&e.local.name!==e.exported.name&&(this.space(),this.word("as"),this.space(),thi
s.print(e.exported,e))},t.ExportNamespaceSpecifier=function(e){this.token("*"),this.space(),this.word("as"),this.spa
ce(),this.print(e.exported,e)},t.ExportAllDeclaration=function(e){this.word("export"),this.space(),"type"===e.export
Kind&&(this.word("type"),this.space());this.token("*"),this.space(),this.word("from"),this.space(),this.print(e.source
,e),this.printAssertions(e),this.semicolon(),t.ExportNamedDeclaration=function(e){this.format.decoratorsBeforeEx
port&&n.isClassDeclaration(e.declaration)&&this.printJoin(e.declaration.decorators,e);this.word("export"),this.spac
e(),s.apply(this,arguments)},t.ExportDefaultDeclaration=function(e){this.format.decoratorsBeforeExport&&n.isCla
ssDeclaration(e.declaration)&&this.printJoin(e.declaration.decorators,e);this.word("export"),this.space(),this.word("
default"),this.space(),s.apply(this,arguments)},t.ImportDeclaration=function(e){var
t;this.word("import"),this.space(),"type"===e.importKind||"typeof"===e.importKind&&(this.word(e.importKind),
this.space());const r=e.specifiers.slice(0);if(null==r?void 0:r.length){for(;;){const
t=r[0];if(!n.isImportDefaultSpecifier(t)&&!n.isImportNamespaceSpecifier(t))break;this.print(r.shift(),e),r.length&&
(this.token(", "),this.space())}r.length&&(this.token(""),this.space(),this.printList(r,e),this.space(),this.token("
")),thi
s.space(),this.word("from"),this.space()}this.print(e.source,e),this.printAssertions(e),(null==(t=e.attributes)?void
0:t.length)&&(this.space(),this.word("with"),this.space(),this.printList(e.attributes,e));this.semicolon(),t.ImportAttr

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ibute=function(e){this.print(e.key),this.token(":"),this.space(),this.print(e.value)},t.ImportNamespaceSpecifier=function(e){this.token("*"),this.space(),this.word("as"),this.space(),this.print(e.local,e)};var n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in e)if(Object.prototype.hasOwnProperty.call(e,s)){var a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e,t&&t.set(e,r);return r}(r(0));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return i=function(){return e},e}function s(e){if(e.declaration){const t=e.declaration;this.print(t,e),n.isStatement(t)||this.semicolon()}else{"type"===e.exportKind&&(this.word("type"),this.space());const t=e.specifiers.slice(0);let r=!1;for(;;){const i=t[0];if(!n.isExportDefaultSpecifier(i)&&!n.isExportNamespaceSpecifier(i))break;r=!0,this.print(t.shift(),e),t.length&&(this.token(","),this.space())(t.length||t.length&&r)&&(this.token("{"),t.length&&(this.space(),this.printList(t,e),this.space()),this.token("}")),e.source&&(this.space(),this.word("from"),this.space(),this.print(e.source,e),this.print tAssertions(e),this.semicolon())}},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.Identifier=function(e){this.exactSource(e.loc,()=>{this.word(e.name)}),t.ArgumentPlaceholder=function(){this.token("?")},t.SpreadElement=t.RestElement=function(e){this.token("..."),this.print(e.argument,e)},t.ObjectPattern=t.ObjectExpression=function(e){const t=e.properties;this.token("{"),this.printInnerComments(e),t.length&&(this.space(),this.printList(t,e,{indent:!0,statement:!0}),this.space());this.token("}"),t.ObjectMethod=function(e){this.printJoin(e.decorators,e),this._methodHead(e),this.space(),this.print(e.body,e)},t.ObjectProperty=function(e){if(this.printJoin(e.decorators,e),e.computed)this.token("["),this.print(e.key,e),this.token("]");else{if(i.isAssignmentPattern(e.value)&&i.isIdentifier(e.key)&&e.key.name===e.value.left.name)return void this.print(e.value,e);if(this.print(e.key,e),e.shorthand&&i.isIdentifier(e.key)&&i.isIdentifier(e.value)&&e.key.name===e.value.name)return}this.token(":"),this.space(),this.print(e.value,e)},t.ArrayPattern=t.ArrayExpression=function(e){const t=e.elements,r=t.length;this.token "["),this.printInnerComments(e);for(let n=0;n<t.length;n++){const i=t[n];i?(n>0&&this.space(),this.print(i,e),n<r-1&&this.token(",")):this.token(",")}this.token("]"),t.RecordExpression=function(e){const t=e.properties;let r,n;if("bar"===this.format.recordAndTupleSyntaxType)r="{",n="|";else{if("hash"!==this.format.recordAndTupleSyntaxType)throw new Error("The \"recordAndTupleSyntaxType\" generator option must be \"bar\" or \"hash\" ($JSON.stringify(this.format.recordAndTupleSyntaxType)) received).");r="#",n=","}this.token(r),this.printInnerComments(e),t.length&&(this.space(),this.printList(t,e,{indent:!0,statement:!0}),this.space());this.token(n)},t.TupleExpression=function(e){const t=e.elements,r=t.length;let n,i;if("bar"===this.format.recordAndTupleSyntaxType)n="[" ,i="|";else{if("hash"!==this.format.recordAndTupleSyntaxType)throw new Error(this.format.recordAndTupleSyntaxType+" is not a valid recordAndTuple syntax type");n="#",i=","}this.token(n),this.printInnerComments(e);for(let n=0;n<t.length;n++){const i=t[n];i&&(n>0&&this.space(),this.print(i,e),n<r-1&&this.token(","))}this.token(i)},t.RegExpLiteral=function(e){this.word(/^{$.pattern}$/{$.flags}`)},t.BooleanLiteral=function(e){this.word(e.value?"true":"false")},t.NullLiteral=function(){this.word("null")},t.NumericLiteral=function(e){const t=this.getPossibleRaw(e),r=this.format.jsescOption,n=e.value+"";r.numbers?this.number((0,s.default)(e.value,r)):null===t?this.number(n):this.format.minified?this.number(t.length<n.length?t:n):this.number(t)},t.StringLiteral=function(e){const t=this.getPossibleRaw(e);if(!this.format.minified&&null!=0)return void this.token(t);const r=this.format.jsescOption;this.format.jsonCompatibleStrings&&(r.json=!0);const n=(0,s.default)(e.value,r);return this.token(n)},t.BigIntLiteral=function(e){const t=this.getPossibleRaw(e);if(!this.format.minified&&null!=0)return void this.token(t);this.token(e.value+"n")},t.DecimalLiteral=function(e){const t=this.getPossibleRaw(e);if(!this.format.minified&&null!=0)return void this.token(t);this.token(e.value+"m")},t.PipelineTopicExpression=function(e){this.print(e.expression,e)},t.PipelineB

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areFunction=function(e){this.print(e.callee,e)},t.PipelinePrimaryTopicReference=function(){this.token("#)};var
n,i=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=a();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0)),s=(n=r(333))&&n.__esModule?n:{default:n};function a(){if("function"!==typeof
WeakMap)return null;var e=new WeakMap;return a=function(){return e},e},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.codeFrameColumns=o,t.default=function(e,t,r,n={}){if(!
s){s=!0;const e="Passing lineNumber and colNumber is deprecated to @babel/code-frame. Please use
`codeFrameColumns`.";if(process.emitWarning)process.emitWarning(e,"DeprecationWarning");else{new
Error(e).name="DeprecationWarning",console.warn(new Error(e))}}return
r=Math.max(r,0),o(e,{start:{column:r,line:t}},n)};var n=function(e){if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=i();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(343));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e}let s=!1;const a=/\r\n|[\n\r\u2028\u2029]/;function o(e,t,r={}){const
i=(r.highlightCode||r.forceColor)&&(0,n.shouldHighlight)(r),s=(0,n.getChalk)(r),o=function(e){return{gutter:e.grey,
marker:e.red.bold,message:e.red.bold}}(s),l=(e,t)=>i?e(t):t,c=e.split(a),{start:p,end:u,markerLines:d}=function(e,t,r)
{const n=Object.assign({column:0,line:-
1},e.start),i=Object.assign({},n,e.end),{linesAbove:s=2,linesBelow:a=3}=r||{},o=n.line,l=n.column,c=i.line,p=i.colu
mn;let u=Math.max(o-(s+1),0),d=Math.min(t.length,c+a),-1===o&&(u=0),-1===c&&(d=t.length);const h=c-
o,f={};if(h)for(let e=0;e<=h;e++){const r=e+o;if(0===e){const e=t[r-1].length;f[r]=[l,e-1+1]}else
if(e===h)f[r]=[0,p];else{const n=t[r-e].length;f[r]=[0,n]}else f[r]=!0}f[o]=l===p?!l||[l,0]:[l,p-
l];return{start:u,end:d,markerLines:f}}(t,c,r),h=t.start&&"number"===typeof t.start.column,f=String(u).length;let
m=(i?(0,n.default)(e,r):e).split(a).slice(p,u).map((e,t)=>{const n=p+1+t,i=` ${" "+n}.slice(-f)
`,s=d[n],a=!d[n+1];if(s){let t="";if(Array.isArray(s)){const n=e.slice(0,Math.max(s[0]-1,0)).replace(/[\^\\t]/g,"
"),c=s[1]||1;t=["\n",l(o.gutter,i.replace(/\d/g," ")),",",n,l(o.marker,"^").repeat(c)].join(""),a&&r.message&&(t+="
"+l(o.message,r.message))}return[l(o.marker,">"),l(o.gutter,i),e.length>0?" "+e:""].join("")}return`
${l(o.gutter,i)}${e.length>0?" "+e:""}`},join("\n");return r.message&&!h&&(m=` ${"
".repeat(f+1)}${r.message}\n${m}`),i?s.reset(m):m}},function(e,t,r){var n=r(349),i={};for(var s in
n)n.hasOwnProperty(s)&&(i[n[s]]=s);var
a=e.exports={rgb:{channels:3,labels:"rgb"},hsl:{channels:3,labels:"hsl"},hsv:{channels:3,labels:"hsv"},hwb:{chann
els:3,labels:"hwb"},cmyk:{channels:4,labels:"cmyk"},xyz:{channels:3,labels:"xyz"},lab:{channels:3,labels:"lab"},l
ch:{channels:3,labels:"lch"},hex:{channels:1,labels:["hex"]},keyword:{channels:1,labels:["keyword"]},ansi16:{cha
nnels:1,labels:["ansi16"]},ansi256:{channels:1,labels:["ansi256"]},hcg:{channels:3,labels:["h","c","g"]},apple:{cha
nnels:3,labels:["r16","g16","b16"]},gray:{channels:1,labels:["gray"]}};for(var o in
a)if(a.hasOwnProperty(o)){if(!("channels"in a[o]))throw new Error("missing channels property: "+o);if(!("labels"in
a[o]))throw new Error("missing channel labels property: "+o);if(a[o].labels.length!==a[o].channels)throw new
Error("channel and label counts mismatch: "+o);var l=a[o].channels,c=a[o].labels;delete a[o].channels,delete
a[o].labels,Object.defineProperty(a[o],"channels",{value:l}),Object.defineProperty(a[o],"labels",{value:c})}a.rgb.hs
l=function(e){var t,r,n=e[0]/255,i=e[1]/255,s=e[2]/255,a=Math.min(n,i,s),o=Math.max(n,i,s),l=o-a;return
o===a?t=0:n===o?t=(i-s)/l:i===o?t=2+(s-n)/l:s===o&&(t=4+(n-
i)/l),(t=Math.min(60*t,360))<0&&(t+=360),r=(a+o)/2,[t,100*(o===a?0:r<=.5?l/(o+a):l/(2-o-
a)),100*r]},a.rgb.hsv=function(e){var t,r,n,i,s,a=e[0]/255,o=e[1]/255,l=e[2]/255,c=Math.max(a,o,l),p=c-
Math.min(a,o,l),u=function(e){return(c-e)/6/p+.5};return 0===p?i=s=0:(s=p/c,t=u(a),r=u(o),n=u(l),a===c?i=n-

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r:o===c?i=1/3+t-n:l===c&&(i=2/3+r-t),i<0?i+=1:i>1&&(i=1),[360*i,100*s,100*c]},a.rgb.hwb=function(e){var
t=e[0],r=e[1],n=e[2];return[a.rgb.hsl(e)[0],100*(1/255*Math.min(t,Math.min(r,n))),100*(n=1-
1/255*Math.max(t,Math.max(r,n)))]},a.rgb.cmyk=function(e){var
t,r=e[0]/255,n=e[1]/255,i=e[2]/255;return[100*((1-r-(t=Math.min(1-r,1-n,1-i)))/(1-t)||0),100*((1-n-t)/(1-
t)||0),100*((1-i-t)/(1-t)||0),100*t]},a.rgb.keyword=function(e){var t=i[e];if(t)return t;var r,s,a,o=1/0;for(var l in
n)if(n.hasOwnProperty(l)){var c=n[l],p=(s=e,a=c,Math.pow(s[0]-a[0],2)+Math.pow(s[1]-a[1],2)+Math.pow(s[2]-
a[2],2));p<o&&(o=p,r=l)}return r},a.keyword.rgb=function(e){return n[e]},a.rgb.xyz=function(e){var
t=e[0]/255,r=e[1]/255,n=e[2]/255;return[100*(.4124*(t>.04045?Math.pow((t+.055)/1.055,2.4):t/12.92)+.3576*(r=
r>.04045?Math.pow((r+.055)/1.055,2.4):r/12.92)+.1805*(n>.04045?Math.pow((n+.055)/1.055,2.4):n/12.92)),100
*(.2126*t+.7152*r+.0722*n),100*(.0193*t+.1192*r+.9505*n)]},a.rgb.lab=function(e){var
t=a.rgb.xyz(e),r=t[0],n=t[1],i=t[2];return
n/=100,i/=108.883,r=(r=95.047)>.008856?Math.pow(r,1/3):7.787*r+16/116,[116*(n>.008856?Math.pow(n,1/3):
7.787*n+16/116)-16,500*(r-n),200*(n-(i>.008856?Math.pow(i,1/3):7.787*i+16/116))]},a.hsl.rgb=function(e){var
t,r,n,i,s,a=e[0]/360,o=e[1]/100,l=e[2]/100;if(0===o)return[s=255*l,s,s];t=2*1-(r<=.5?1*(1+o):1+o-
l*o),i=[0,0,0];for(var c=0;c<3;c++){n=a+1/3*(c-1)<0&&n++,n>1&&n--,s=6*n<1?t+6*(r-
t)*n:2*n<1?r:3*n<2?t+(r-t)*(2/3-n)*6;t,i,c]=255*s;return i},a.hsl.hsv=function(e){var
t=e[0],r=e[1]/100,n=e[2]/100,i=r,s=Math.max(n,.01);return r*(n*(n=2)<=1?n:2-n,i*(s<=1?s:2-
s),[t,100*(0===n?2*i/(s+i):2*r/(n+r)),100*((n+r)/2)]},a.hsv.rgb=function(e){var
t=e[0]/60,r=e[1]/100,n=e[2]/100,i=Math.floor(t)%6,s=t-Math.floor(t),a=255*n*(1-r),o=255*n*(1-r*s),l=255*n*(1-
r*(1-s));switch(n*=255,i){case 0:return[n,l,a];case 1:return[o,n,a];case 2:return[a,n,l];case 3:return[a,o,n];case
4:return[l,a,n];case 5:return[n,a,o]}},a.hsv.hsl=function(e){var
t,r,n,i,e[0],s=e[1]/100,a=e[2]/100,o=Math.max(a,.01);return n=(2-s)*a,r=s*o,[i,100*(r=(r=(t=(2-s)*o)<=1?t:2-
t)||0),100*(n/=2)]},a.hwb.rgb=function(e){var
t,r,n,i,s,a,o,l=e[0]/360,c=e[1]/100,p=e[2]/100,u=c+p;switch(u>1&&(c/=u,p/=u),n=6*1-
(t=Math.floor(6*t)),0!=(1&t)&&(n=1-n),i=c+n*((r=1-p)-c),t){default:case 6:case 0:s=r,a=i,o=c;break;case
1:s=i,a=r,o=c;break;case 2:s=c,a=r,o=i;break;case 3:s=c,a=i,o=r;break;case 4:s=i,a=c,o=r;break;case
5:s=r,a=c,o=i}return[255*s,255*a,255*o]},a.cmyk.rgb=function(e){var
t=e[0]/100,r=e[1]/100,n=e[2]/100,i=e[3]/100;return[255*(1-Math.min(1,t*(1-i)+i)),255*(1-Math.min(1,r*(1-
i)+i)),255*(1-Math.min(1,n*(1-i)+i))]},a.xyz.rgb=function(e){var t,r,n,i=e[0]/100,s=e[1]/100,a=e[2]/100;return r=-
.9689*i+1.8758*s+.0415*a,n=.0557*i+-.204*s+1.057*a,t=(t=3.2406*i+-1.5372*s+-
.4986*a)>.0031308?1.055*Math.pow(t,1/2.4)-.055:12.92*t,r=r>.0031308?1.055*Math.pow(r,1/2.4)-
.055:12.92*r,n=n>.0031308?1.055*Math.pow(n,1/2.4)-
.055:12.92*n,[255*(t=Math.min(Math.max(0,t),1)),255*(r=Math.min(Math.max(0,r),1)),255*(n=Math.min(Math.m
ax(0,n),1))]}},a.xyz.lab=function(e){var t=e[0],r=e[1],n=e[2];return
r/=100,n/=108.883,t=(t=95.047)>.008856?Math.pow(t,1/3):7.787*t+16/116,[116*(r>.008856?Math.pow(r,1/3):
7.787*r+16/116)-16,500*(r-n),200*(r-(n>.008856?Math.pow(n,1/3):7.787*n+16/116))]},a.lab.xyz=function(e){var
t,r,n,i=e[0];t=e[1]/500+(r=(i+16)/116),n=r-e[2]/200;var s=Math.pow(r,3),a=Math.pow(t,3),o=Math.pow(n,3);return
r=s>.008856?s:(r-16/116)/7.787,t=a>.008856?a:(t-16/116)/7.787,n=o>.008856?o:(n-
16/116)/7.787,[t*=95.047,r*=100,n*=108.883]}},a.lab.lch=function(e){var
t,r=e[0],n=e[1],i=e[2];return(t=360*Math.atan2(i,n)/2/Math.PI)<0&&(t+=360),[r,Math.sqrt(n*n+i*i),t]},a.lch.lab=fun
ction(e){var t,r=e[0],n=e[1];return
t=e[2]/360*2*Math.PI,[r,n*Math.cos(t),n*Math.sin(t)]},a.rgb.ansi16=function(e){var t=e[0],r=e[1],n=e[2],i=1 in
arguments?arguments[1]:a.rgb.hsv(e)[2];if(0===i=Math.round(i/50))return 30;var
s=30+(Math.round(n/255)<<2|Math.round(r/255)<<1|Math.round(t/255));return
2===i&&(s+=60),s},a.hsv.ansi16=function(e){return a.rgb.ansi16(a.hsv.rgb(e),e[2])},a.rgb.ansi256=function(e){var
t=e[0],r=e[1],n=e[2];return t===r&&r===n?t<8?16:t>248?231:Math.round((t-
8)/247*24)+232:16+36*Math.round(t/255*5)+6*Math.round(r/255*5)+Math.round(n/255*5)},a.ansi16.rgb=functio
n(e){var t=e%10;if(0===t|7===t)return e>50&&(t+=3.5),[t=t/10.5*255,t,t];var

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```

r=.5*(1+~~(e>50));return[(1&t)*r*255,(t>>1&1)*r*255,(t>>2&1)*r*255]},a.ansi256.rgb=function(e){if(e>=232){
var t=10*(e-232)+8;return[t,t,t]}var r;return e-
=16,[Math.floor(e/36)/5*255,Math.floor((r=e%36)/6)/5*255,r%6/5*255]},a.rgb.hex=function(e){var
t=(((255&Math.round(e[0]))<<16)+((255&Math.round(e[1]))<<8)+(255&Math.round(e[2]))).toString(16).toUpperCase
ase());return"000000".substring(t.length)+t},a.hex.rgb=function(e){var t=e.toString(16).match(/([a-f0-9]{6}|[a-f0-
9]{3}/i);if(!t)return[0,0,0];var r=t[0];3===t[0].length&&(r=r.split("")).map((function(e){return e+e})).join("");var
n=parseInt(r,16);return[n>>16&255,n>>8&255,255&n]},a.rgb.hcg=function(e){var
t,r=e[0]/255,n=e[1]/255,i=e[2]/255,s=Math.max(Math.max(r,n),i),a=Math.min(Math.min(r,n),i),o=s-a;return
t=o<=0?0:s===r?(n-i)/o:6:s===n?2+(i-r)/o:4+(r-n)/o+4,t/=6,[360*(t%=1),100*o,100*(o<1?a/(1-
o):0)]},a.hsl.hcg=function(e){var t=e[1]/100,r=e[2]/100,n=1,i=0;return(n=r<.5?2*t*r:2*t*(1-r)<1&&(i=(r-.5*n)/(1-
n)),e[0],100*n,100*i)},a.hsv.hcg=function(e){var t=e[1]/100,r=e[2]/100,n=t*r,i=0;return n<1&&(i=(r-n)/(1-
n)),e[0],100*n,100*i)},a.hcg.rgb=function(e){var
t=e[0]/360,r=e[1]/100,n=e[2]/100;if(0===r)return[255*n,255*n,255*n];var i,s=[0,0,0],a=t%1*6,o=a%1,l=1-
o;switch(Math.floor(a)){case 0:s[0]=1,s[1]=o,s[2]=0;break;case 1:s[0]=1,s[1]=1,s[2]=0;break;case
2:s[0]=0,s[1]=1,s[2]=o;break;case 3:s[0]=0,s[1]=1,s[2]=1;break;case
4:s[0]=o,s[1]=0,s[2]=1;break;default:s[0]=1,s[1]=0,s[2]=1}return i=(1-
r)*n,[255*(r*s[0]+i),255*(r*s[1]+i),255*(r*s[2]+i)]},a.hcg.hsv=function(e){var t=e[1]/100,r=t+e[2]/100*(1-
t),n=0;return r>0&&(n=t/r),e[0],100*n,100*r]},a.hcg.hsl=function(e){var t=e[1]/100,r=e[2]/100*(1-
t)+.5*t,n=0;return r>0&&r<.5?n=t/(2*r):r>=.5&&r<1&&(n=t/(2*(1-
r))),e[0],100*n,100*r]},a.hcg.hwb=function(e){var t=e[1]/100,r=t+e[2]/100*(1-t);return[e[0],100*(r-t),100*(1-
r)]},a.hwb.hcg=function(e){var t=e[1]/100,r=1-e[2]/100,n=r-t,i=0;return n<1&&(i=(r-n)/(1-
n)),e[0],100*n,100*i)},a.apple.rgb=function(e){return[e[0]/65535*255,e[1]/65535*255,e[2]/65535*255]},a.rgb.app
le=function(e){return[e[0]/255*65535,e[1]/255*65535,e[2]/255*65535]},a.gray.rgb=function(e){return[e[0]/100*2
55,e[0]/100*255,e[0]/100*255]},a.gray.hsl=a.gray.hsv=function(e){return[0,0,e[0]]},a.gray.hwb=function(e){return
[0,100,e[0]]},a.gray.cmyk=function(e){return[0,0,0,e[0]]},a.gray.lab=function(e){return[e[0],0,0]},a.gray.hex=funct
ion(e){var
t=255&Math.round(e[0]/100*255),r=((t<<16)+(t<<8)+t).toString(16).toUpperCase();return"000000".substring(r.len
gth)+r},a.rgb.gray=function(e){return[(e[0]+e[1]+e[2])/3/255*100]}},function(e,t,r){
"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){const{placeholderWhitelist:a,plac
eholderPattern:o,preserveComments:c,syntacticPlaceholders:p}=r,u=function(e,t,r){const
n=(t.plugins||[]).slice();!1!==r&&n.push("placeholders");t=Object.assign({allowReturnOutsideFunction:!0,allowSup
erOutsideMethod:!0,sourceType:"module"},t,{plugins:n});try{return(0,i.parse)(e,t)}catch(t){const r=t.loc;throw
r&&(t.message+='\n'+(0,s.codeFrameColumns)(e,{start:r}),t.code="BABEL_TEMPLATE_PARSE_ERROR"),t}}(t,r.parser,p);n.removePropertiesDeep(u,{preserveComments:c}),e.validate(u);const
d={placeholders:[],placeholderNames:new Set},h={placeholders:[],placeholderNames:new Set},f={value:void
0};return
n.traverse(u,l,{syntactic:d,legacy:h,isLegacyRef:f,placeholderWhitelist:a,placeholderPattern:o,syntacticPlaceholders
:p}),Object.assign({ast:u},f.value?h:d);var n=function(e){if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=a();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get|s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(20)),i=r(362),s=r(125);function a(){if("function"!==typeof WeakMap)return null;var e=new
WeakMap;return a=function(){return e},e}const o=/^[_$A-Z0-9]+$/;function l(e,t,r){var i;let
s;if(n.isPlaceholder(e)){if(!1===r.syntacticPlaceholders)throw new Error("%foo%-style placeholders can't be
used when '\syntacticPlaceholders' is
false.");s=e.name.name,r.isLegacyRef.value=!1}else{if(!1===r.isLegacyRef.value||r.syntacticPlaceholders)return;if(
n.isIdentifier(e)||n.isJSXIdentifier(e))s=e.name,r.isLegacyRef.value=!0}else{if(!n.isStringLiteral(e))return;s=e.value,

```



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r.isLegacyRef.value=!0}}if(!r.isLegacyRef.value&&(null!=r.placeholderPattern||null!=r.placeholderWhitelist))thro
w new Error("\.placeholderWhitelist\' and \.placeholderPattern\' aren\'t compatible with \.syntacticPlaceholders:
true\");if(r.isLegacyRef.value&&(1===r.placeholderPattern||!(r.placeholderPattern|o).test(s))&&(null==(i=r.place
holderWhitelist)?void 0:i.has(s)))return;t=t.slice();const {node:a,key:l}=[t.length-1];let
c;n.isStringLiteral(e)||n.isPlaceholder(e,{expectedNode:"StringLiteral"})?c="string":n.isNewExpression(a)&&"argu
ments"===l||n.isCallExpression(a)&&"arguments"===l||n.isFunction(a)&&"params"===l?c="param":n.isExpressio
nStatement(a)&&!n.isPlaceholder(e)?(c="statement",t=t.slice(0,-
1)):c=n.isStatement(e)&&n.isPlaceholder(e)?"statement":"other";const {placeholders:p,placeholderNames:u}=r.isLe
gacyRef.value?r.legacy:r.syntactic;p.push({name:s,type:c,resolve:e=>function(e,t){let r=e;for(let e=0;e<t.length-
1;e++){const {key:n,index:i}=[e];r=void 0===i?r[n]:r[n][i]}const {key:n,index:i}=[t.length-
1];return {parent:r,key:n,index:i}}(e,t),isDuplicate:u.has(s)),u.add(s)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){const
r=n.cloneNode(e.ast);t&&(e.placeholders.forEach(e=>{if(!Object.prototype.hasOwnProperty.call(t,e.name)){const
t=e.name;throw new Error("Error: No substitution given for `${t}`. If this is not meant to be a \n placeholder
you may want to consider passing one of the following options to @babel/template:\n - { placeholderPattern:
false, placeholderWhitelist: new Set(['${t}'])}\n - { placeholderPattern: /^${t}$/
} })),Object.keys(t).forEach(t=>{if(!e.placeholderNames.has(t))throw new Error("Unknown substitution `${t}`
given`)}));return
e.placeholders.slice().reverse().forEach(e=>{try{!function(e,t,r){e.isDuplicate&&(Array.isArray(r)?r=r.map(e=>n.cl
oneNode(e)):"object"===typeof
r&&(r=n.cloneNode(r)));const {parent:i,key:s,index:a}=e.resolve(t);if("string"===e.type){if("string"===typeof
r&&(r=n.stringLiteral(r)),!r||n.isStringLiteral(r))throw new Error("Expected string substitution")}else
if("statement"===e.type)void 0===a?r?Array.isArray(r)?r=n.blockStatement(r):"string"===typeof
r?r=n.expressionStatement(n.identifier(r)):n.isStatement(r)|(r=n.expressionStatement(r)):r=n.emptyStatement():r&&
!Array.isArray(r)&&("string"===typeof r&&(r=n.identifier(r)),n.isStatement(r)|(r=n.expressionStatement(r));else
if("param"===e.type){if("string"===typeof r&&(r=n.identifier(r)),void 0===a)throw new Error("Assertion
failure.")}else if("string"===typeof r&&(r=n.identifier(r)),Array.isArray(r))throw new Error("Cannot replace single
expression with an array.");if(void 0===a)n.validate(i,s,r),i[s]=r;else{const
t=i[s].slice();"statement"===e.type||"param"===e.type?null==r?t.splice(a,1):Array.isArray(r)?t.splice(a,1,...r):t[a]=r:
t[a]=r,n.validate(i,s,t),i[s]=t}}(e,r,t&&t[e.name]||null)}catch(t){throw t.message=`@babel/template placeholder
`${e.name}`: ${t.message}`},t)},r);var n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof
e&&"function"!==typeof e)return {default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(20));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e},function(e,t,r){var n,i,s;!function(a,o){"use strict";i=[r(374)],void
0===(s="function"===typeof(n=function(e){var t=/^(^@)\S+:\d+/,r=/^\s*at
.*(\S+:\d+|(native\))/m,n=/^(eval@)?(\[native code\])?$/;return {parse:function(e){if(void 0!==(e.stacktrace||void
0!==(e["opera#sourceloc"]))return this.parseOpera(e);if(e.stack&&e.stack.match(r))return
this.parseV8OrIE(e);if(e.stack)return this.parseFFOrSafari(e);throw new Error("Cannot parse given Error
object")},extractLocation:function(e){if(-1===e.indexOf(":"))return[e];var
t=/.(+)?(?::(\d+))?(?::(\d+))?$/g,.exec(e.replace(/[/\]/g,""));return[t[1],t[2]||void 0,t[3]||void
0]},parseV8OrIE:function(t){return
t.stack.split("\n").filter((function(e){return!e.match(r)}),this).map((function(t){t.indexOf("eval ")>-
1&&(t=t.replace(/eval code/g,"eval").replace(/(\(eval at \[^\)]*\)|\(\),.*$/g,""));var
r=t.replace(/^\s+/, "").replace(/\(eval code/g, "("),n=r.match(/
(\((.+):(\d+):(\d+)\)/$)/),i=(r=n?r.replace(n[0], ""):r).split(/\s+/.slice(1),s=this.extractLocation(n?n[1]:i.pop()),a=i.j

```

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oin(" ")||void 0,o=["eval","<anonymous>"].indexOf(s[0])>-1?void 0:s[0];return new
e({functionName:a,fileName:o,lineNumber:s[1],columnNumber:s[2],source:t}),this},parseFFOrSafari:function(t)
{return t.stack.split("\n").filter((function(e){return!e.match(n)}),this).map((function(t){if(t.indexOf(" > eval")>-
1&&(t=t.replace(/ line (\d+)(?: > eval line \d+)* > eval:\d+:\d+/g,":$1")), -1===t.indexOf("@")&&-
1===t.indexOf(":"))return new e({functionName:t});var
r=/((.*"+"^[^@]*)?[^@]*)(?:@)/,n=t.match(r),i=n&&n[1]?n[1]:void 0,s=this.extractLocation(t.replace(r,""));return
new
e({functionName:i,fileName:s[0],lineNumber:s[1],columnNumber:s[2],source:t}),this},parseOpera:function(e){r
eturn!e.stacktrace||e.message.indexOf("\n")>-
1&&e.message.split("\n").length>e.stacktrace.split("\n").length?this.parseOpera9(e):e.stack?this.parseOpera11(e):t
his.parseOpera10(e),parseOpera9:function(t){for(var r=/Line (\d+).*script(?:in
)?(\S+)/i,n=t.message.split("\n"),i=[],s=2,a=n.length;s<a;s+=2){var o=r.exec(n[s]);o&&i.push(new
e({fileName:o[2],lineNumber:o[1],source:n[s]})}return i},parseOpera10:function(t){for(var r=/Line (\d+).*script
(?:in)?(\S+)(?: In function (\S+))?$i,n=t.stacktrace.split("\n"),i=[],s=0,a=n.length;s<a;s+=2){var
o=r.exec(n[s]);o&&i.push(new e({functionName:o[3]||void 0,fileName:o[2],lineNumber:o[1],source:n[s]})}return
i},parseOpera11:function(r){return r.stack.split("\n").filter((function(e){return!!e.match(t)&&!e.match(/^Error
created at/)}),this).map((function(t){var
r,n=t.split("@"),i=this.extractLocation(n.pop()),s=n.shift()||"",a=s.replace(/<anonymous function(
:\w+)?>/, "$2").replace(/\([\^\]*\)/g, "")||void
0;s.match(/\([\^\]*\)/)&&(r=s.replace(/^[^\+|\([\^\]*\)]$/,"$1"));var o=void 0===r?"[arguments not
available]"===r?void 0:r.split(",");return new
e({functionName:a,args:o,fileName:i[0],lineNumber:i[1],columnNumber:i[2],source:t}),this)}})?n.apply(t,i:n)||
e.exports=s)}(),function(e,t,r){ "use strict";function n(e){var t=this;if(t instanceof n||(t=new
n),t.tail=null,t.head=null,t.length=0,e&&"function"===typeof e.forEach)e.forEach((function(e){t.push(e)}));else
if(arguments.length>0)for(var r=0,i=arguments.length;r<i;r++)t.push(arguments[r]);return t}function i(e,t,r){var
n=t===e.head?new o(r,null,t,e):new o(r,t,t.next,e);return
null===n.next&&(e.tail=n),null===n.prev&&(e.head=n),e.length++,n}function s(e,t){e.tail=new
o(t,e.tail,null,e),e.head||(e.head=e.tail),e.length++}function a(e,t){e.head=new
o(t,null,e.head,e),e.tail||(e.tail=e.head),e.length++}function o(e,t,r,n){if(!(this instanceof o))return new
o(e,t,r,n);this.list=n,this.value=e,t?(t.next=this,this.prev=t):this.prev=null,r?(r.prev=this,this.next=r):this.next=null}e
exports=n,n.Node=o,n.create=n,n.prototype.removeNode=function(e){if(e.list!==this)throw new Error("removing
node which does not belong to this list");var t=e.next,r=e.prev;return
t&&(t.prev=r),r&&(r.next=t),e===this.head&&(this.head=t),e===this.tail&&(this.tail=r),e.list.length--
,e.next=null,e.prev=null,e.list=null,t},n.prototype.unshiftNode=function(e){if(e!==this.head){e.list&&e.list.remove
Node(e);var
t=this.head;e.list=this,e.next=t,t&&(t.prev=e),this.head=e,this.tail||(this.tail=e),this.length++},n.prototype.pushNod
e=function(e){if(e!==this.tail){e.list&&e.list.removeNode(e);var
t=this.tail;e.list=this,e.prev=t,t&&(t.next=e),this.tail=e,this.head||(this.head=e),this.length++},n.prototype.push=fun
ction(){for(var e=0,t=arguments.length;e<t;e++)s(this,arguments[e]);return
this.length},n.prototype.unshift=function(){for(var e=0,t=arguments.length;e<t;e++)a(this,arguments[e]);return
this.length},n.prototype.pop=function(){if(this.tail){var e=this.tail.value;return
this.tail=this.tail.prev,this.tail?this.tail.next=null:this.head=null,this.length--
,e}},n.prototype.shift=function(){if(this.head){var e=this.head.value;return
this.head=this.head.next,this.head?this.head.prev=null:this.tail=null,this.length--
,e}},n.prototype.forEach=function(e,t){t=t||this;for(var
r=this.head,n=0,null!==(r;n++)e.call(t,r.value,n,this),r=r.next},n.prototype.forEachReverse=function(e,t){t=t||this;for
(var r=this.tail,n=this.length-1,null!==(r;n--))e.call(t,r.value,n,this),r=r.prev},n.prototype.get=function(e){for(var
t=0,r=this.head;null!==(r&&t<e;t++)r=r.next;if(t===e&&null!==(r))return

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r.value},n.prototype.getReverse=function(e){for(var
t=0,r=this.tail;null!==(r&& t<e;t++)r=r.prev;if(t===e&&null!==(r))return
r.value},n.prototype.map=function(e,t){t=t||this;for(var r=new
n,i=this.head;null!==(i);r.push(e.call(t,i.value,this)),i=i.next;return
r},n.prototype.mapReverse=function(e,t){t=t||this;for(var r=new
n,i=this.tail;null!==(i);r.push(e.call(t,i.value,this)),i=i.prev;return r},n.prototype.reduce=function(e,t){var
r,n=this.head;if(arguments.length>1)r=t;else{if(!this.head)throw new TypeError("Reduce of empty list with no
initial value");n=this.head.next,r=this.head.value}for(var i=0;null!==(n;i++)r=e(r,n.value,i),n=n.next;return
r},n.prototype.reduceReverse=function(e,t){var r,n=this.tail;if(arguments.length>1)r=t;else{if(!this.tail)throw new
TypeError("Reduce of empty list with no initial value");n=this.tail.prev,r=this.tail.value}for(var i=this.length-
1;null!==(n;i--)r=e(r,n.value,i),n=n.prev;return r},n.prototype.toArray=function(){for(var e=new
Array(this.length),t=0,r=this.head;null!==(r;t++)e[t]=r.value,r=r.next;return
e},n.prototype.toArrayReverse=function(){for(var e=new
Array(this.length),t=0,r=this.tail;null!==(r;t++)e[t]=r.value,r=r.prev;return
e},n.prototype.slice=function(e,t){(t=t||this.length)<0&&(t+=this.length),(e=e||0)<0&&(e+=this.length);var r=new
n;if(t<e||t<0)return r;e<0&&(e=0),t>this.length&&(t=this.length);for(var
i=0,s=this.head;null!==(s&&i<e;i++)s=s.next;for(;null!==(s&&i<t;i++,s=s.next)r.push(s.value);return
r},n.prototype.sliceReverse=function(e,t){(t=t||this.length)<0&&(t+=this.length),(e=e||0)<0&&(e+=this.length);var
r=new n;if(t<e||t<0)return r;e<0&&(e=0),t>this.length&&(t=this.length);for(var
i=this.length,s=this.tail;null!==(s&&i>t;i--)s=s.prev;for(;null!==(s&&i>e;i--,s=s.prev)r.push(s.value);return
r},n.prototype.splice=function(e,t){e>this.length&&(e=this.length-1),e<0&&(e=this.length+e);for(var
r=0,n=this.head;null!==(n&&r<e;r++)n=n.next;var
s=[];for(r=0;n&&r<t;r++)s.push(n.value),n=this.removeNode(n);null!==(n&&(n=this.tail),n!==(this.head&&n!==(this
s.tail&&(n=n.prev));for(r=2;r<arguments.length;r++)n=i(this,n,arguments[r]);return
s},n.prototype.reverse=function(){for(var e=this.head,t=this.tail,r=e;null!==(r;r=r.prev){var
n=r.prev;r.prev=r.next,r.next=n}return this.head=t,this.tail=e,this};try{r(131)(n)}catch(e){},function(e,t,r){"use
strict";e.exports=function(e){e.prototype[Symbol.iterator]=function*(){for(let e=this.head;e=e.next)yield
e.value}}},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;var
n,i=(n=r(8))&&n.__esModule?n:{default:n},s=function(e){if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=a();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0));function a(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
a=function(){return
e},e}t.default=class{constructor(e,t,r,n){this.queue=null,this.parentPath=n,this.scope=e,this.state=r,this.opts=t}shou
ldVisit(e){const t=this.opts;if(t.enter||t.exit)return!0;if(t[e.type])return!0;const
r=s.VISITOR_KEYS[e.type];if(!(null==r?void 0:r.length))return!1;for(const t of
r)if(e[t])return!0;return!1}create(e,t,r,n){return
i.default.get({parentPath:this.parentPath,parent:e,container:t,key:r,listKey:n})}maybeQueue(e,t){if(this.trap)throw
new Error("Infinite cycle
detected");this.queue&&(t?this.queue.push(e):this.priorityQueue.push(e))}visitMultiple(e,t,r){if(0===e.length)retur
n!1;const n=[];for(let i=0;i<e.length;i++){const s=e[i];s&&this.shouldVisit(s)&&n.push(this.create(t,e,i,r))}return
this.visitQueue(n)}visitSingle(e,t){return!!this.shouldVisit(e[t])&&this.visitQueue([this.create(e,e,t)])}visitQueue(e)
{this.queue=e,this.priorityQueue=[];const t=[];let r=!1;for(const n of
e)if(n.resync(),0!==(n.contexts.length&&n.contexts[n.contexts.length-
1])===this||n.pushContext(this),null!==(n.key&&(t.indexOf(n.node)>=0))){if(t.push(n.node),n.visit()){r=!0;break}if(t
his.priorityQueue.length&&(r=this.visitQueue(this.priorityQueue),this.priorityQueue=[],this.queue=e,r))break}for(c

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const t of e).popContext();return this.queue=null,r} visit(e,t){ const
r=e[t];return!!r&&(Array.isArray(r)?this.visitMultiple(r,e,t):this.visitSingle(e,t))}}},function(e,t,r){ "use strict";var
n;Object.defineProperty(t,"__esModule",{ value:!0}),t.default=void 0;var
i=(0,((n=r(64))&&n.__esModule?n:{ default:n}).default)("React.Component");t.default=i},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e){return!!e&&/^[a-
z]/.test(e)}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e){ const t=[];for(let
r=0;r<e.children.length;r++){ let
n=e.children[r];(0,i.isJSXText)(n)?(0,s.default)(n,t):((0,i.isJSXExpressionContainer)(n)&&(n=n.expression),(0,i.isJS
XEmptyExpression)(n)||t.push(n))}return t};var
n,i=r(2),s=(n=r(136))&&n.__esModule?n:{ default:n }},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t){ const
r=e.value.split(/\r\n|\n\r/);let i=0;for(let e=0;e<r.length;e++)r[e].match(/^[^ \t/]&&(i=e);let s="";for(let
e=0;e<r.length;e++){ const t=r[e],n=0===e,a=e===r.length-1,o=e===i;let l=t.replace(/\t/g," ");n||(l=l.replace(/^[
]+/, "")),a||(l=l.replace(/[\s]+$/, "")),l&&(o||(l+=" "),s+=l)}s&&t.push((0,n.stringLiteral)(s));}var
n=r(4)},function(e,t,r){ "use strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,...t){ const
r=i.BUILDER_KEYS[e],a=t.length;if(a>r.length)throw new Error(` ${e}: Too many arguments passed. Received
${a} but can receive no more than ${r.length} `);const o={ type:e };let l=0;r.forEach(r=>{ const
s=i.NODE_FIELDS[e][r];let c;l<a&&(c=t[l]),void 0===c&&(c=(0,n.default)(s.default)),o[r]=c,l++});for(const e of
Object.keys(o))(0,s.default)(o,e,o[e]);return o};var n=a(r(138)),i=r(5),s=a(r(52));function a(e){ return
e&&e.__esModule?e:{ default:e }},function(e,t,r){ var n=r(139);e.exports=function(e){ return
n(e,4) },function(e,t,r){ var
n=r(140),i=r(170),s=r(70),a=r(172),o=r(182),l=r(185),c=r(186),p=r(187),u=r(189),d=r(190),h=r(191),f=r(48),m=r(1
96),y=r(197),T=r(203),b=r(43),g=r(73),S=r(205),x=r(22),E=r(207),P=r(42),v=r(45),A={ };A["[object
Arguments]"]=A["[object Array]"]=A["[object ArrayBuffer]"]=A["[object DataView]"]=A["[object
Boolean]"]=A["[object Date]"]=A["[object Float32Array]"]=A["[object Float64Array]"]=A["[object
Int8Array]"]=A["[object Int16Array]"]=A["[object Int32Array]"]=A["[object Map]"]=A["[object
Number]"]=A["[object Object]"]=A["[object RegExp]"]=A["[object Set]"]=A["[object String]"]=A["[object
Symbol]"]=A["[object Uint8Array]"]=A["[object Uint8ClampedArray]"]=A["[object Uint16Array]"]=A["[object
Uint32Array]"]=10,A["[object Error]"]=A["[object Function]"]=A["[object WeakMap]"]=11,e.exports=function
e(t,r,w,O,I,C){ var N,k=1&r,D=2&r,_=4&r;if(w&&(N=I?w(t,O,I,C):w(t)),void 0!==(N)return N;if(!x(t))return t;var
L=b(t);if(L){ if(N=m(t,!k)return c(t,N)}else{ var M=f(t),j="[object Function]"==M||"[object
GeneratorFunction]"==M;if(g(t))return l(t,k);if("[object Object]"==M||"[object
Arguments]"==M||j&&!I){ if(N=D||j?{ } :T(t,!k)return D?u(t,o(N,t)):p(t,a(N,t))}else{ if(!A[M])return
I?t:{ };N=y(t,M,k) } }C||(C=new n);var F=C.get(t);if(F)return
F;C.set(t,N),E(t)?t.forEach((function(n){ N.add(e(n,r,w,n,t,C))})):S(t)&&t.forEach((function(n,i){ N.set(i,e(n,r,w,i,t,
C))}));var R=L?void 0:(_?D?h:d:D?v:P)(t);return
i(R||t,(function(n,i){ R&&(n=t[i=n]),s(N,i,e(n,r,w,i,t,C))})),N }},function(e,t,r){ var
n=r(26),i=r(146),s=r(147),a=r(148),o=r(149),l=r(150);function c(e){ var t=this.__data__=new
n(e);this.size=t.size}c.prototype.clear=i,c.prototype.delete=s,c.prototype.get=a,c.prototype.has=o,c.prototype.set=l,e
.exports=c},function(e,t){ e.exports=function(){ this.__data__=[],this.size=0 }},function(e,t,r){ var
n=r(27),i=Array.prototype.splice;e.exports=function(e){ var t=this.__data__,r=n(t,e);return!(r<0)&&(r==t.length-
1?t.pop():i.call(t,r,1),--this.size,!0) }},function(e,t,r){ var n=r(27);e.exports=function(e){ var
t=this.__data__,r=n(t,e);return r<0?void 0:t[r][1] }},function(e,t,r){ var n=r(27);e.exports=function(e){ return
n(this.__data__,e)>-1 }},function(e,t,r){ var n=r(27);e.exports=function(e,t){ var r=this.__data__,i=n(r,e);return
i<0?(++this.size,r.push([e,t]):r[i][1]=t,this) }},function(e,t,r){ var n=r(26);e.exports=function(){ this.__data__=new
n,this.size=0 }},function(e,t){ e.exports=function(e){ var t=this.__data__,r=t.delete(e);return
this.size=t.size,r }},function(e,t){ e.exports=function(e){ return

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this.__data__.get(e) },function(e,t){e.exports=function(e){return this.__data__.has(e)},function(e,t,r){var
n=r(26),i=r(40),s=r(157);e.exports=function(e,t){var r=this.__data__;if(r instanceof n){var
a=r.__data__;if(!i||a.length<199)return a.push([e,t]),this.size=++r.size,this;r=this.__data__=new s(a)}return
r.set(e,t),this.size=r.size,this}},function(e,t,r){var n=r(67),i=r(154),s=r(22),a=r(69),o=/^\[\object
.+?Constructor\]\$/i,l=Function.prototype,c=Object.prototype,p=l.toString,u=c.hasOwnProperty,d=RegExp("^(?=[p.ca
ll(u).replace(/[\[\]^$. *+?(){}|]/g,"\\\$&").replace(/hasOwnProperty|(function).*?(?=\\\|\\|() for
.+?(?=\\\|\\|)/g,"\$1.*?")+\"$");e.exports=function(e){return!(s(e)||i(e))&&(n(e)?d:o).test(a(e))},function(e,t,r){var
n=r(41),i=Object.prototype,s=i.hasOwnProperty,a=i.toString,o=n?n.toStringTag:void 0;e.exports=function(e){var
t=s.call(e,o),r=e[o];try{e[o]=void 0;var n=1} catch(e){}var i=a.call(e);return n&&(t?e[o]=r:delete
e[o]),i},function(e,t){var r=Object.prototype.toString;e.exports=function(e){return r.call(e)},function(e,t,r){var
n,i=r(155),s=(n=/[.]+$/g.exec(i&&i.keys&&i.keys.IE_PROTO||\"\"))?"Symbol(src)_1."+n:"";e.exports=function(e){r
eturn!!s&&s in e},function(e,t,r){var n=r(7)["_core-
js_shared_"];e.exports=n},function(e,t){e.exports=function(e,t){return null==e?void 0:e[t]},function(e,t,r){var
n=r(158),i=r(165),s=r(167),a=r(168),o=r(169);function l(e){var t=-
1,r=null==e?0:e.length;for(this.clear();++t<r;){var
n=e[t];this.set(n[0],n[1])}l.prototype.clear=n,l.prototype.delete=i,l.prototype.get=s,l.prototype.has=a,l.prototype.set
=o,e.exports=l},function(e,t,r){var
n=r(159),i=r(26),s=r(40);e.exports=function(){this.size=0,this.__data__={hash:new n,map:new(s||i),string:new
n}},function(e,t,r){var n=r(160),i=r(161),s=r(162),a=r(163),o=r(164);function l(e){var t=-
1,r=null==e?0:e.length;for(this.clear();++t<r;){var
n=e[t];this.set(n[0],n[1])}l.prototype.clear=n,l.prototype.delete=i,l.prototype.get=s,l.prototype.has=a,l.prototype.set
=o,e.exports=l},function(e,t,r){var
n=r(28);e.exports=function(){this.__data__=n?n(null):{ },this.size=0},function(e,t){e.exports=function(e){var
t=this.has(e)&&delete this.__data__[e];return this.size-=t?1:0,t}},function(e,t,r){var
n=r(28),i=Object.prototype.hasOwnProperty;e.exports=function(e){var t=this.__data__;if(n){var
r=t[e];return"__lodash_hash_undefined__"===r?void 0:r}return i.call(t,e)?t[e]:void 0}},function(e,t,r){var
n=r(28),i=Object.prototype.hasOwnProperty;e.exports=function(e){var t=this.__data__;return n?void
0!==t[e]:i.call(t,e)},function(e,t,r){var n=r(28);e.exports=function(e,t){var r=this.__data__;return
this.size+=this.has(e)?0:1,r[e]=n&&void 0===t?"__lodash_hash_undefined__":t,this}},function(e,t,r){var
n=r(29);e.exports=function(e){var t=n(this,e).delete(e);return this.size-
=t?1:0,t}},function(e,t){e.exports=function(e){var t=typeof
e;return"string"===t||"number"===t||"symbol"===t||"boolean"===t?"__proto__"!==e:null===e}},function(e,t,r){var
n=r(29);e.exports=function(e){return n(this,e).get(e)},function(e,t,r){var n=r(29);e.exports=function(e){return
n(this,e).has(e)},function(e,t,r){var n=r(29);e.exports=function(e,t){var r=n(this,e),i=r.size;return
r.set(e,t),this.size+=r.size===i?0:1,this}},function(e,t){e.exports=function(e,t){for(var r=-
1,n=null==e?0:e.length;++r<n&&!1===t(e[r],r,e);)return e}},function(e,t,r){var n=r(11),i=function(){try{var
e=n(Object,"defineProperty");return e({ }, "", { }),e} catch(e){}();e.exports=i},function(e,t,r){var
n=r(30),i=r(42);e.exports=function(e,t){return e&&n(t,i(t),e)},function(e,t){e.exports=function(e,t){for(var r=-
1,n=Array(e);++r<e;)n[r]=t(r);return n}},function(e,t,r){var
n=r(175),i=r(12),s=Object.prototype,a=s.hasOwnProperty,o=s.propertyIsEnumerable,l=n(function(){return
arguments})();n:function(e){return i(e)&&a.call(e,"callee")&&!o.call(e,"callee");e.exports=l},function(e,t,r){var
n=r(18),i=r(12);e.exports=function(e){return i(e)&&"[object
Arguments]"===n(e)},function(e,t){e.exports=function(){return!1}},function(e,t){var r=/^(?:0|[1-
9])\d*$/;e.exports=function(e,t){var n=typeof
e;return!(t=null===t?9007199254740991:t)&&("number"===n||"symbol"!==n&&r.test(e))&&e>-
1&&e%1===0&&e<t}},function(e,t,r){var
n=r(179),i=r(32),s=r(33),a=s&&s.isTypedArray,o=a?i(a):n;e.exports=o},function(e,t,r){var
n=r(18),i=r(74),s=r(12),a={};a["[object Float32Array]"]=a["[object Float64Array]"]=a["[object
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Int8Array"]=a["[object Int16Array]"]=a["[object Int32Array]"]=a["[object Uint8Array]"]=a["[object
Uint8ClampedArray]"]=a["[object Uint16Array]"]=a["[object Uint32Array]"]=!0,a["[object
Arguments]"]=a["[object Array]"]=a["[object ArrayBuffer]"]=a["[object Boolean]"]=a["[object
DataView]"]=a["[object Date]"]=a["[object Error]"]=a["[object Function]"]=a["[object Map]"]=a["[object
Number]"]=a["[object Object]"]=a["[object RegExp]"]=a["[object Set]"]=a["[object String]"]=a["[object
WeakMap]"]=!1,e.exports=function(e){return s(e)&&!a[n(e)]},function(e,t,r){var
n=r(44),i=r(181),s=Object.prototype.hasOwnProperty,e.exports=function(e){if(!n(e))return i(e);var t=[];for(var r in
Object(e))s.call(e,r)&&"constructor"!=r&&t.push(r);return t}},function(e,t,r){var
n=r(75)(Object.keys,Object);e.exports=n},function(e,t,r){var n=r(30),i=r(45);e.exports=function(e,t){return
e&&n(t,i(e))},function(e,t,r){var
n=r(22),i=r(44),s=r(184),a=Object.prototype.hasOwnProperty,e.exports=function(e){if(!n(e))return s(e);var
t=i(e),r=[];for(var o in e)("constructor"!=o||!t&&a.call(e,o))&&r.push(o);return
r}},function(e,t){e.exports=function(e){var t=[];if(null!=e)for(var r in Object(e))t.push(r);return
t}},function(e,t,r){(function(e){var n=r(7),i=t&&!t.nodeType&&t.s=i&&"object"===typeof
e&&e&&!e.nodeType&&e.a=s&&s.exports===i?n.Buffer:void 0,o=a?a.allocUnsafe:void
0;e.exports=function(e,t){if(t)return e.slice();var r=e.length,n=o?o(r):new e.constructor(r);return
e.copy(n,n)}.call(this,r(31)(e))},function(e,t){e.exports=function(e,t){var r=-
1,n=e.length;for(t||(t=Array(n));++r<n;t[r]=e[r];return t)},function(e,t,r){var
n=r(30),i=r(46);e.exports=function(e,t){return n(e,i(e),t)},function(e,t){e.exports=function(e,t){for(var r=-
1,n=null==e?0:e.length,i=0,s=[];++r<n;){var a=e[r];t(a,r,e)&&(s[i++]=a)}return s}},function(e,t,r){var
n=r(30),i=r(78);e.exports=function(e,t){return n(e,i(e),t)},function(e,t,r){var
n=r(80),i=r(46),s=r(42);e.exports=function(e){return n(e,s,i)},function(e,t,r){var
n=r(80),i=r(78),s=r(45);e.exports=function(e){return n(e,s,i)},function(e,t,r){var
n=r(11)(r(7),"DataView");e.exports=n},function(e,t,r){var n=r(11)(r(7),"Promise");e.exports=n},function(e,t,r){var
n=r(11)(r(7),"Set");e.exports=n},function(e,t,r){var n=r(11)(r(7),"WeakMap");e.exports=n},function(e,t){var
r=Object.prototype.hasOwnProperty,e.exports=function(e){var t=e.length,n=new e.constructor(t);return
t&&"string"===typeof e[0]&&r.call(e,"index")&&(n.index=e.index,n.input=e.input),n}},function(e,t,r){var
n=r(49),i=r(199),s=r(200),a=r(201),o=r(202);e.exports=function(e,t,r){var l=e.constructor;switch(t){case"[object
ArrayBuffer]":return n(e);case"[object Boolean]":case"[object Date]":return new l(+e);case"[object
DataView]":return i(e,r);case"[object Float32Array]":case"[object Float64Array]":case"[object
Int8Array]":case"[object Int16Array]":case"[object Int32Array]":case"[object Uint8Array]":case"[object
Uint8ClampedArray]":case"[object Uint16Array]":case"[object Uint32Array]":return o(e,r);case"[object
Map]":return new l;case"[object Number]":case"[object String]":return new l(e);case"[object RegExp]":return
s(e);case"[object Set]":return new l;case"[object Symbol]":return a(e)}}},function(e,t,r){var
n=r(7).Uint8Array;e.exports=n},function(e,t,r){var n=r(49);e.exports=function(e,t){var
r=t?n(e.buffer):e.buffer;return new e.constructor(r,e.byteOffset,e.byteLength)},function(e,t){var
r=/\w*$/;e.exports=function(e){var t=new e.constructor(e.source,r.exec(e));return
t.lastIndex=e.lastIndex,t}},function(e,t,r){var n=r(41),i=n?n.prototype:void 0,s=i?i.valueOf:void
0;e.exports=function(e){return s?Object(s.call(e)):{}},function(e,t,r){var n=r(49);e.exports=function(e,t){var
r=t?n(e.buffer):e.buffer;return new e.constructor(r,e.byteOffset,e.length)},function(e,t,r){var
n=r(204),i=r(47),s=r(44);e.exports=function(e){return"function"!==typeof
e.constructor||s(e)?{n(i(e))}:n(i(e))},function(e,t,r){var n=r(22),i=Object.create,s=function(){function e(){}return
function(t){if(!n(t))return {};if(i)return i(t);e.prototype=t;var r=new e;return e.prototype(void
0,r)}();e.exports=s},function(e,t,r){var
n=r(206),i=r(32),s=r(33),a=s&&s.isMap,o=a?i(a):n;e.exports=o},function(e,t,r){var
n=r(48),i=r(12);e.exports=function(e){return i(e)&&"[object Map]"===n(e)},function(e,t,r){var
n=r(208),i=r(32),s=r(33),a=s&&s.isSet,o=a?i(a):n;e.exports=o},function(e,t,r){var
n=r(48),i=r(12);e.exports=function(e){return i(e)&&"[object Set]"===n(e)},function(e,t,r){"use

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strict";Object.defineProperty(t,"__esModule",{value:!0}),t.isIdentifierStart=p,t.isIdentifierChar=u,t.isIdentifierNam
e=function(e){let t=!0;for(let r=0;r<e.length;r++){let
n=e.charCodeAtAt(r);if(55296==(64512&n)&&r+1<e.length){const
t=e.charCodeAtAt(++r);56320==(64512&t)&&(n=65536+((1023&n)<<10)+(1023&t))}if(t){if(t=!1,!p(n))return!1}els
e if(!u(n))return!1}return!t};let n="µ°À-ÖØ-øø-^-----
-----
-----",i="-----
-----";const s=new RegExp("[+n+]"),a=new
RegExp("[+n+i+]");n=i=null;const
o=[0,11,2,25,2,18,2,1,2,14,3,13,35,122,70,52,268,28,4,48,48,31,14,29,6,37,11,29,3,35,5,7,2,4,43,157,19,35,5,35,5,3
9,9,51,157,310,10,21,11,7,153,5,3,0,2,43,2,1,4,0,3,22,11,22,10,30,66,18,2,1,11,21,11,25,71,55,7,1,65,0,16,3,2,2,2,2
8,43,28,4,28,36,7,2,27,28,53,11,21,11,18,14,17,111,72,56,50,14,50,14,35,349,41,7,1,79,28,11,0,9,21,107,20,28,22,1
3,52,76,44,33,24,27,35,30,0,3,0,9,34,4,0,13,47,15,3,22,0,2,0,36,17,2,24,85,6,2,0,2,3,2,14,2,9,8,46,39,7,3,1,3,21,2,6,
2,1,2,4,4,0,19,0,13,4,159,52,19,3,21,2,31,47,21,1,2,0,185,46,42,3,37,47,21,0,60,42,14,0,72,26,230,43,117,63,32,7,3,
0,3,7,2,1,2,23,16,0,2,0,95,7,3,38,17,0,2,0,29,0,11,39,8,0,22,0,12,45,20,0,35,56,264,8,2,36,18,0,50,29,113,6,2,1,2,37,
22,0,26,5,2,1,2,31,15,0,328,18,190,0,80,921,103,110,18,195,2749,1070,4050,582,8634,568,8,30,114,29,19,47,17,3,
32,20,6,18,689,63,129,74,6,0,67,12,65,1,2,0,29,6135,9,1237,43,8,8952,286,50,2,18,3,9,395,2309,106,6,12,4,8,8,9,5
991,84,2,70,2,1,3,0,3,1,3,3,2,11,2,0,2,6,2,64,2,3,3,7,2,6,2,27,2,3,2,4,2,0,4,6,2,339,3,24,2,24,2,30,2,24,2,30,2,24,2,30
,2,24,2,30,2,24,2,7,2357,44,11,6,17,0,370,43,1301,196,60,67,8,0,1205,3,2,26,2,1,2,0,3,0,2,9,2,3,2,0,2,0,7,0,5,0,2,0,2
,0,2,2,2,1,2,0,3,0,2,0,2,0,2,0,2,1,2,0,3,3,2,6,2,3,2,3,2,0,2,9,2,16,6,2,2,4,2,16,4421,42717,35,4148,12,221,3,5761,
15,7472,3104,541,1507,4938],l=[509,0,227,0,150,4,294,9,1368,2,2,1,6,3,41,2,5,0,166,1,574,3,9,9,370,1,154,10,176,
2,54,14,32,9,16,3,46,10,54,9,7,2,37,13,2,9,6,1,45,0,13,2,49,13,9,3,2,11,83,11,7,0,161,11,6,9,7,3,56,1,2,6,3,1,3,2,10,
0,11,1,3,6,4,4,193,17,10,9,5,0,82,19,13,9,214,6,3,8,28,1,83,16,16,9,82,12,9,9,84,14,5,9,243,14,166,9,71,5,2,1,3,3,2,
0,2,1,13,9,120,6,3,6,4,0,29,9,41,6,2,3,9,0,10,10,47,15,406,7,2,7,17,9,57,21,2,13,123,5,4,0,2,1,2,6,2,0,9,9,49,4,2,1,2,
4,9,9,330,3,19306,9,135,4,60,6,26,9,1014,0,2,54,8,3,82,0,12,1,19628,1,5319,4,4,5,9,7,3,6,31,3,149,2,1418,49,513,5
4,5,49,9,0,15,0,23,4,2,14,1361,6,2,16,3,6,2,1,2,4,262,6,10,9,419,13,1495,6,110,6,6,9,4759,9,787719,239];function
c(e,t){let r=65536;for(let
n=0,i=t.length;n<i;n+=2){if(r+=t[n],r>e)return!1;if(r+=t[n+1],r>=e)return!0}return!1}function p(e){return
e<65?36===e:e<=90||(e<97?95===e:e<=122||(e<=65535?e>=170&&s.test(String.fromCharCode(e)):c(e,o)))}functi
on u(e){return
e<48?36===e:e<58!|(e<65)&&(e<=90)||(e<97?95===e:e<=122||(e<=65535?e>=170&&a.test(String.fromCharCode(
e)):c(e,o)||c(e,l)))},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.isReservedWord=l,t.isStrictReservedWord=c,t.isStrictBi
ndOnlyReservedWord=p,t.isStrictBindReservedWord=function(e,t){return
c(e,t)||p(e)},t.isKeyword=function(e){return s.has(e)};const
n=["implements","interface","let","package","private","protected","public","static","yield"],i=["eval","arguments"],s
=new
Set(["break","case","catch","continue","debugger","default","do","else","finally","for","function","if","return","swit
ch","throw","try","var","const","while","with","new","this","super","class","extends","export","import","null","true"
,"false","in","instanceof","typeof","void","delete"]),a=new Set(n),o=new Set(i);function l(e,t){return
t&&"await"===e||"enum"===e}function c(e,t){return l(e,t)||a.has(e)}function p(e){return
o.has(e)},function(e,t,r){ "use strict";var n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!=typeof
e&&"function"!=typeof e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(9));function i(){if("function"!=typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e}const

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s=(e,t="TypeParameterDeclaration")=>{(0,n.default)(e,{builder:["id","typeParameters","extends","body"],visitor:["id","typeParameters","extends","mixins","implements","body"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields:{id:(0,n.validateType)("Identifier"),typeParameters:(0,n.validateOptionalType)(t),extends:(0,n.validateOptional)((0,n.arrayOfType)("InterfaceExtends")),mixins:(0,n.validateOptional)((0,n.arrayOfType)("InterfaceExtends")),implements:(0,n.validateOptional)((0,n.arrayOfType)("ClassImplements")),body:(0,n.validateType)("ObjectTypeAnnotation")}});(0,n.default)("AnyTypeAnnotation",{aliases:["Flow","FlowType","FlowBaseAnnotation"]}),
(0,n.default)("ArrayTypeAnnotation",{visitor:["elementType"],aliases:["Flow","FlowType"],fields:{elementType:(0,n.validateType)("FlowType")}}),(0,n.default)("BooleanTypeAnnotation",{aliases:["Flow","FlowType","FlowBaseAnnotation"]}),
(0,n.default)("BooleanLiteralTypeAnnotation",{builder:["value"],aliases:["Flow","FlowType"],fields:{value:(0,n.validate)((0,n.assertValueType)("boolean"))}}),(0,n.default)("NullLiteralTypeAnnotation",{aliases:["Flow","FlowType","FlowBaseAnnotation"]}),
(0,n.default)("ClassImplements",{visitor:["id","typeParameters"],aliases:["Flow"],fields:{id:(0,n.validateType)("Identifier"),typeParameters:(0,n.validateOptionalType)("TypeParameterInstantiation")}}),s("DeclareClass"),(0,n.default)("DeclareFunction",{visitor:["id"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields:{id:(0,n.validateType)("Identifier"),predicate:(0,n.validateOptionalType)("DeclarePredicate")}}),s("DeclareInterface"),(0,n.default)("DeclareModule",{builder:["id","body","kind"],visitor:["id","body"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields:{id:(0,n.validateType)("Identifier","StringLiteral")},body:(0,n.validateType)("BlockStatement"),kind:(0,n.validateOptional)((0,n.assertOneOf)("CommonJS","ES"))}),
(0,n.default)("DeclareModuleExports",{visitor:["typeAnnotation"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields:{typeAnnotation:(0,n.validateType)("TypeAnnotation")}}),(0,n.default)("DeclareTypeAlias",{visitor:["id","typeParameters","right"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields:{id:(0,n.validateType)("Identifier"),typeParameters:(0,n.validateOptionalType)("TypeParameterDeclaration"),right:(0,n.validateType)("FlowType")}}),
(0,n.default)("DeclareOpaqueType",{visitor:["id","typeParameters","supertype"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields:{id:(0,n.validateType)("Identifier"),typeParameters:(0,n.validateOptionalType)("TypeParameterDeclaration"),supertype:(0,n.validateOptionalType)("FlowType")}}),
(0,n.default)("DeclareVariable",{visitor:["id"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields:{id:(0,n.validateType)("Identifier")}}),(0,n.default)("DeclareExportDeclaration",{visitor:["declaration","specifier","source"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields:{declaration:(0,n.validateOptionalType)("Flow"),specifiers:(0,n.validateOptional)((0,n.arrayOfType)("ExportSpecifier","ExportNamespaceSpecifier"))},source:(0,n.validateOptionalType)("StringLiteral"),default:(0,n.validateOptional)((0,n.assertValueType)("boolean"))}),
(0,n.default)("DeclareExportAllDeclaration",{visitor:["source"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields:{source:(0,n.validateType)("StringLiteral"),exportKind:(0,n.validateOptional)((0,n.assertOneOf)("type","value"))}}),
(0,n.default)("DeclaredPredicate",{visitor:["value"],aliases:["Flow","FlowPredicate"],fields:{value:(0,n.validateType)("Flow")}}),(0,n.default)("ExistsTypeAnnotation",{aliases:["Flow","FlowType"]}),
(0,n.default)("FunctionTypeAnnotation",{visitor:["typeParameters","params","rest","returnType"],aliases:["Flow","FlowType"],fields:{typeParameters:(0,n.validateOptionalType)("TypeParameterDeclaration"),params:(0,n.validate)((0,n.arrayOfType)("FunctionTypeParam")),rest:(0,n.validateOptionalType)("FunctionTypeParam"),returnType:(0,n.validateType)("FlowType")}}),
(0,n.default)("FunctionTypeParam",{visitor:["name","typeAnnotation"],aliases:["Flow"],fields:{name:(0,n.validateOptionalType)("Identifier"),typeAnnotation:(0,n.validateType)("FlowType"),optional:(0,n.validateOptional)((0,n.assertValueType)("boolean"))}}),
(0,n.default)("GenericTypeAnnotation",{visitor:["id","typeParameters"],aliases:["Flow","FlowType"],fields:{id:(0,n.validateType)("Identifier","QualifiedTypeIdentifier"),typeParameters:(0,n.validateOptionalType)("TypeParameterInstantiation")}}),
(0,n.default)("InferredPredicate",{aliases:["Flow","FlowPredicate"]}),
(0,n.default)("InterfaceExtends",{visitor:["id","typeParameters"],aliases:["Flow"],fields:{id:(0,n.validateType)("Identifier","QualifiedTypeIdentifier"),typeParameters:(0,n.validateOptionalType)("TypeParameterInstantiation")}}),s("InterfaceDeclaration"),(0,n.default)("InterfaceTypeAnnotation",{visitor:["extends","body"],aliases:["Flow","FlowType"],fields:{extends:(0,n.validateOptional)((0,n.arrayOfType)("InterfaceExtends")),body:(0,n.validateType)("ObjectTypeAnnotation")}}),
(0,n.default)("IntersectionTypeAnnotation",{visitor:["types"],aliases:["Flow","FlowType"],fields:{types:(0,n.validate)((0,n.arrayOfType)("FlowType"))}}),
(0,n.default)("MixedTypeAnnotation",{aliases:["Flow","FlowType","FlowBaseAnnotation"]}),
(0,n.default)("EmptyTypeAnnotation",{ali

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ases:["Flow", "FlowType", "FlowBaseAnnotation"])),(0,n.default)("NullableTypeAnnotation",{visitor:["typeAnnotation"],aliases:["Flow", "FlowType"],fields:{typeAnnotation:(0,n.validateType)("FlowType")}}),(0,n.default)("NumberLiteralTypeAnnotation",{builder:["value"],aliases:["Flow", "FlowType"],fields:{value:(0,n.validate)((0,n.assertValueType)("number"))}}),(0,n.default)("NumberTypeAnnotation",{aliases:["Flow", "FlowType", "FlowBaseAnnotation"]}), (0,n.default)("ObjectTypeAnnotation",{visitor:["properties", "indexers", "callProperties", "internalSlots"],aliases:["Flow", "FlowType"],builder:["properties", "indexers", "callProperties", "internalSlots", "exact"],fields:{properties:(0,n.validate)((0,n.arrayOfType)("ObjectTypeProperty", "ObjectTypeSpreadProperty")),indexers:(0,n.validateOptional)((0,n.arrayOfType)("ObjectTypeIndexer")),callProperties:(0,n.validateOptional)((0,n.arrayOfType)("ObjectTypeCallProperty")),internalSlots:(0,n.validateOptional)((0,n.arrayOfType)("ObjectTypeInternalSlot")),exact:{validate:(0,n.assertValueType)("boolean"),default:!1},inexact:(0,n.validateOptional)((0,n.assertValueType)("boolean"))}}),(0,n.default)("ObjectTypeInternalSlot",{visitor:["id", "value", "optional", "static", "method"],aliases:["Flow", "UserWhitespacable"],fields:{id:(0,n.validateType)("Identifier"),value:(0,n.validateType)("FlowType"),optional:(0,n.validate)((0,n.assertValueType)("boolean")),static:(0,n.validate)((0,n.assertValueType)("boolean")),method:(0,n.validate)((0,n.assertValueType)("boolean"))}}),(0,n.default)("ObjectTypeCallProperty",{visitor:["value"],aliases:["Flow", "UserWhitespacable"],fields:{value:(0,n.validateType)("FlowType"),static:(0,n.validate)((0,n.assertValueType)("boolean"))}}),(0,n.default)("ObjectTypeIndexer",{visitor:["id", "key", "value", "variance"],aliases:["Flow", "UserWhitespacable"],fields:{id:(0,n.validateOptionalType)("Identifier"),key:(0,n.validateType)("FlowType"),value:(0,n.validateType)("FlowType"),static:(0,n.validate)((0,n.assertValueType)("boolean")),variance:(0,n.validateOptionalType)("Variance")}}),(0,n.default)("ObjectTypeProperty",{visitor:["key", "value", "variance"],aliases:["Flow", "UserWhitespacable"],fields:{key:(0,n.validateType)("Identifier", "StringLiteral"),value:(0,n.validateType)("FlowType"),kind:(0,n.validate)((0,n.assertOneOf)("init", "get", "set")),static:(0,n.validate)((0,n.assertValueType)("boolean")),proto:(0,n.validate)((0,n.assertValueType)("boolean")),optional:(0,n.validate)((0,n.assertValueType)("boolean")),variance:(0,n.validateOptionalType)("Variance")}}),(0,n.default)("ObjectTypeSpreadProperty",{visitor:["argument"],aliases:["Flow", "UserWhitespacable"],fields:{argument:(0,n.validateType)("FlowType")}}),(0,n.default)("OpaqueType",{visitor:["id", "typeParameters", "supertype", "impltype"],aliases:["Flow", "FlowDeclaration", "Statement", "Declaration"],fields:{id:(0,n.validateType)("Identifier"),typeParameters:(0,n.validateOptionalType)("TypeParameterDeclaration"),supertype:(0,n.validateOptionalType)("FlowType"),impltype:(0,n.validateType)("FlowType")}}),(0,n.default)("QualifiedTypeIdentifier",{visitor:["id", "qualification"],aliases:["Flow"],fields:{id:(0,n.validateType)("Identifier"),qualification:(0,n.validateType)("Identifier", "QualifiedTypeIdentifier")}}),(0,n.default)("StringLiteralTypeAnnotation",{builder:["value"],aliases:["Flow", "FlowType"],fields:{value:(0,n.validate)((0,n.assertValueType)("string"))}}),(0,n.default)("StringTypeAnnotation",{aliases:["Flow", "FlowType", "FlowBaseAnnotation"]}), (0,n.default)("SymbolTypeAnnotation",{aliases:["Flow", "FlowType", "FlowBaseAnnotation"]}), (0,n.default)("ThisTypeAnnotation",{aliases:["Flow", "FlowType", "FlowBaseAnnotation"]}), (0,n.default)("TupleTypeAnnotation",{visitor:["types"],aliases:["Flow", "FlowType"],fields:{types:(0,n.validate)((0,n.arrayOfType)("FlowType"))}}),(0,n.default)("TypeofTypeAnnotation",{visitor:["argument"],aliases:["Flow", "FlowType"],fields:{argument:(0,n.validateType)("FlowType")}}),(0,n.default)("TypeAlias",{visitor:["id", "typeParameters", "right"],aliases:["Flow", "FlowDeclaration", "Statement", "Declaration"],fields:{id:(0,n.validateType)("Identifier"),typeParameters:(0,n.validateOptionalType)("TypeParameterDeclaration"),right:(0,n.validateType)("FlowType")}}),(0,n.default)("TypeAnnotation",{aliases:["Flow"],visitor:["typeAnnotation"],fields:{typeAnnotation:(0,n.validateType)("FlowType")}}),(0,n.default)("TypeCastExpression",{visitor:["expression", "typeAnnotation"],aliases:["Flow", "ExpressionWrapper", "Expression"],fields:{expression:(0,n.validateType)("Expression"),typeAnnotation:(0,n.validateType)("TypeAnnotation")}}),(0,n.default)("TypeParameter",{aliases:["Flow"],visitor:["bound", "default", "variance"],fields:{name:(0,n.validate)((0,n.assertValueType)("string")),bound:(0,n.validateOptionalType)("TypeAnnotation"),default:(0,n.validateOptionalType)("FlowType"),variance:(0,n.validateOptionalType)("Variance")}}),(0,n.default)("TypeParameterDeclaration",{aliases:["Flow"],visitor:["params"],fields:{params:(0,n.validate)((0,n.arrayOfType)("TypeParameter"))}}),(0,n.default)("TypeParameterInstantiation",{aliases:["Flow"],visitor:["params"],fields:{params:(0,n.validate)((0,n.arrayOfType)("FlowType"))}}),(0,n.default)("UnionTypeAnnotation",{visitor:["types"],aliases:["Flow", "FlowType"],fields:{types:(0,n.validate)((0,n.arrayOfType)("FlowType"))}}),(0,n.default)("Variance",{aliases:["Flow"],builder:["kind"],fields:{kind:(0,n.validate)((0,n.assertOneOf)("minus", "

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plus")))),(0,n.default)("VoidTypeAnnotation",{aliases:["Flow","FlowType","FlowBaseAnnotation"]}),
(0,n.default)("EnumDeclaration",{aliases:["Statement","Declaration"],visitor:["id","body"],fields:
{id:(0,n.validateType)("Identifier"),body:(0,n.validateType)(["EnumBooleanBody","EnumNumberBody","EnumStringBody","EnumSymbolBody"])
}},(0,n.default)("EnumBooleanBody",{aliases:["EnumBody"],visitor:["members"],fields:
{explicit:(0,n.validate)(0,n.assertValueType)("boolean"),members:(0,n.validateArrayOfType)("EnumBooleanMember")
}},(0,n.default)("EnumNumberBody",{aliases:["EnumBody"],visitor:["members"],fields:
{explicit:(0,n.validate)(0,n.assertValueType)("boolean"),members:(0,n.validateArrayOfType)("EnumNumberMember")
}},(0,n.default)("EnumStringBody",{aliases:["EnumBody"],visitor:["members"],fields:
{explicit:(0,n.validate)(0,n.assertValueType)("boolean"),members:(0,n.validateArrayOfType)(["EnumStringMember","EnumDefaultedMember"])
}},(0,n.default)("EnumSymbolBody",{aliases:["EnumBody"],visitor:["members"],fields:
{members:(0,n.validateArrayOfType)("EnumDefaultedMember")
}},(0,n.default)("EnumBooleanMember",{aliases:["EnumMember"],visitor:["id"],fields:
{id:(0,n.validateType)("Identifier"),init:(0,n.validateType)("BooleanLiteral")
}},(0,n.default)("EnumNumberMember",{aliases:["EnumMember"],visitor:["id","init"],fields:
{id:(0,n.validateType)("Identifier"),init:(0,n.validateType)("NumericLiteral")
}},(0,n.default)("EnumStringMember",{aliases:["EnumMember"],visitor:["id","init"],fields:
{id:(0,n.validateType)("Identifier"),init:(0,n.validateType)("StringLiteral")
}},(0,n.default)("EnumDefaultedMember",{aliases:["EnumMember"],visitor:["id"],fields:
{id:(0,n.validateType)("Identifier")
}}),function(e,t,r){"use strict";var n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return {default:e};var t=i();if(t&&t.has(e))return t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in e)if(Object.prototype.hasOwnProperty.call(e,s)){var a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]r.default=e,t&&t.set(e,r);return r}(r(9));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return i=function(){return e,e}(0,n.default)("JSXAttribute",{visitor:["name","value"],aliases:["JSX","Immutable"],fields:
{name:{validate:(0,n.assertNodeType)("JSXIdentifier","JSXNamespacedName")},value:{optional:!0,validate:(0,n.assertNodeType)("JSXElement","JSXFragment","StringLiteral","JSXExpressionContainer")
}},(0,n.default)("JSXClosingElement",{visitor:["name"],aliases:["JSX","Immutable"],fields:
{name:{validate:(0,n.assertNodeType)("JSXIdentifier","JSXMemberExpression","JSXNamespacedName")
}},(0,n.default)("JSXElement",{builder:["openingElement","closingElement","children","selfClosing"],visitor:["openingElement","children","closingElement"],aliases:["JSX","Immutable","Expression"],fields:
{openingElement:{validate:(0,n.assertNodeType)("JSXOpeningElement")},closingElement:{optional:!0,validate:(0,n.assertNodeType)("JSXClosingElement")},children:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("JSXText","JSXExpressionContainer","JSXSpreadChild","JSXElement","JSXFragment"))},selfClosing:{validate:(0,n.assertValueType)("boolean"),optional:!0
}},(0,n.default)("JSXEmptyExpression",{aliases:["JSX"]}),
(0,n.default)("JSXExpressionContainer",{visitor:["expression"],aliases:["JSX","Immutable"],fields:
{expression:{validate:(0,n.assertNodeType)("Expression","JSXEmptyExpression")
}},(0,n.default)("JSXSpreadChild",{visitor:["expression"],aliases:["JSX","Immutable"],fields:
{expression:{validate:(0,n.assertNodeType)("Expression")
}},(0,n.default)("JSXIdentifier",{builder:["name"],aliases:["JSX"],fields:
{name:{validate:(0,n.assertValueType)("string")
}},(0,n.default)("JSXMemberExpression",{visitor:["object","property"],aliases:["JSX"],fields:
{object:{validate:(0,n.assertNodeType)("JSXMemberExpression","JSXIdentifier")},property:{validate:(0,n.assertNodeType)("JSXIdentifier")
}},(0,n.default)("JSXNamespacedName",{visitor:["namespace","name"],aliases:["JSX"],fields:
{namespace:{validate:(0,n.assertNodeType)("JSXIdentifier")},name:{validate:(0,n.assertNodeType)("JSXIdentifier")
}},(0,n.default)("JSXOpeningElement",{builder:["name","attributes","selfClosing"],visitor:["name","attributes"],aliases:["JSX","Immutable"],fields:
{name:{validate:(0,n.assertNodeType)("JSXIdentifier","JSXMemberExpression","JSXNamespacedName")},selfClosing:{default:!1},attributes:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("JSXAttribute","JSXSpreadAttribute"))},typeParameters:{validate:(0,n.assertNodeType)("TypeParameterInstantiation","TSTypeParameterInstantiation"),optional:!0
}},(0,n.default)("JSXSpreadAttribute",{visitor:["argument"],aliases:["JSX"],fields:
{argument:{validate:(0,n.assertNodeType)("Expression")
}},(0,n.default)("JSXText",{aliases:["JSX","Immutable"],builder:["value"],fields:
{value

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: { validate: (0, n.assertValueType)("string")) }, (0, n.default)("JSXFragment", { builder: ["openingFragment", "closingF
ragment", "children"], visitor: ["openingFragment", "children", "closingFragment"], aliases: ["JSX", "Immutable", "Expre
ssion"], fields: { openingFragment: { validate: (0, n.assertNodeType)("JSXOpeningFragment") }, closingFragment: { valid
ate: (0, n.assertNodeType)("JSXClosingFragment") }, children: { validate: (0, n.chain)((0, n.assertValueType)("array"), (0
, n.assertEach)((0, n.assertNodeType)("JSXText", "JSXExpressionContainer", "JSXSpreadChild", "JSXElement", "JSX
Fragment")) } } } }, (0, n.default)("JSXOpeningFragment", { aliases: ["JSX", "Immutable"] }), (0, n.default)("JSXClosingF
ragment", { aliases: ["JSX", "Immutable"] } }), function(e, t, r) { "use strict"; var
n = function(e) { if (e && e.__esModule) return e; if (null === e || "object" !== typeof e && "function" !== typeof
e) return { default: e }; var t = s(); if (t && t.has(e)) return t.get(e); var
r = { }, n = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var i in
e) if (Object.prototype.hasOwnProperty.call(e, i)) { var
a = n ? Object.getOwnPropertyDescriptor(e, i) : null; a && (a.get || a.set) ? Object.defineProperty(r, i, a) : r[i] = e[i] } r.default = e, t
&& t.set(e, r); return r } (r(9)), i = r(83); function s() { if ("function" !== typeof WeakMap) return null; var e = new
WeakMap; return s = function() { return
e }, e } (0, n.default)("Noop", { visitor: [] }), (0, n.default)("Placeholder", { visitor: [], builder: ["expectedNode", "name"], field
s: { name: { validate: (0, n.assertNodeType)("Identifier") }, expectedNode: { validate: (0, n.assertOneOf)(...i.PLACEHOLD
ERS) } } } }, (0, n.default)("V8IntrinsicIdentifier", { builder: ["name"], fields: { name: { validate: (0, n.assertValueType)("stri
ng") } } } } }, function(e, t, r) { "use strict"; var n = function(e) { if (e && e.__esModule) return e; if (null === e || "object" !== typeof
e && "function" !== typeof e) return { default: e }; var t = s(); if (t && t.has(e)) return t.get(e); var
r = { }, n = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var i in
e) if (Object.prototype.hasOwnProperty.call(e, i)) { var
a = n ? Object.getOwnPropertyDescriptor(e, i) : null; a && (a.get || a.set) ? Object.defineProperty(r, i, a) : r[i] = e[i] } r.default = e, t
&& t.set(e, r); return r } (r(9)), i = r(50); function s() { if ("function" !== typeof WeakMap) return null; var e = new
WeakMap; return s = function() { return
e }, e } (0, n.default)("ArgumentPlaceholder", {}), (0, n.default)("BindExpression", { visitor: ["object", "callee"], aliases: ["E
xpression"], fields: process.env.BABEL_TYPES_8_BREAKING ? { object: { validate: (0, n.assertNodeType)("Expression
"), callee: { validate: (0, n.assertNodeType)("Expression") } } : { object: { validate: Object.assign(() => {}, { oneOfNodeTy
pes: ["Expression"] }) }, callee: { validate: Object.assign(() => {}, { oneOfNodeTypes: ["Expression"] }) } } } }, (0, n.default)("
ClassProperty", { visitor: ["key", "value", "typeAnnotation", "decorators"], builder: ["key", "value", "typeAnnotation", "dec
orators", "computed", "static"], aliases: ["Property"], fields: Object.assign({}, i.classMethodOrPropertyCommon, { value:
{ validate: (0, n.assertNodeType)("Expression"), optional: !0 }, definite: { validate: (0, n.assertValueType)("boolean"), opti
onal: !0 }, typeAnnotation: { validate: (0, n.assertNodeType)("TypeAnnotation", "TSTypeAnnotation", "Noop"), optional:
!0 }, decorators: { validate: (0, n.chain)((0, n.assertValueType)("array"), (0, n.assertEach)((0, n.assertNodeType)("Decorat
or")) }, optional: !0 }, readonly: { validate: (0, n.assertValueType)("boolean"), optional: !0 }, declare: { validate: (0, n.assertVa
lueType)("boolean"), optional: !0 } } } }, (0, n.default)("PipelineTopicExpression", { builder: ["expression"], visitor: ["expr
ession"], fields: { expression: { validate: (0, n.assertNodeType)("Expression") } } } }, (0, n.default)("PipelineBareFunction",
{ builder: ["callee"], visitor: ["callee"], fields: { callee: { validate: (0, n.assertNodeType)("Expression") } } } }, (0, n.default)("
PipelinePrimaryTopicReference", { aliases: ["Expression"] }), (0, n.default)("ClassPrivateProperty", { visitor: ["key", "val
ue", "decorators"], builder: ["key", "value", "decorators", "static"], aliases: ["Property", "Private"], fields: { key: { validate: (0
, n.assertNodeType)("PrivateName"), value: { validate: (0, n.assertNodeType)("Expression"), optional: !0 }, decorators: {
validate: (0, n.chain)((0, n.assertValueType)("array"), (0, n.assertEach)((0, n.assertNodeType)("Decorator")) }, optional: !
0 } } } }, (0, n.default)("ClassPrivateMethod", { builder: ["kind", "key", "params", "body", "static"], visitor: ["key", "params",
"body", "decorators", "returnType", "typeParameters"], aliases: ["Function", "Scopable", "BlockParent", "FunctionParent
", "Method", "Private"], fields: Object.assign({}, i.classMethodOrDeclareMethodCommon, i.functionTypeAnnotationC
ommon, { key: { validate: (0, n.assertNodeType)("PrivateName"), body: { validate: (0, n.assertNodeType)("BlockStateme
nt") } } } } }, (0, n.default)("ImportAttribute", { visitor: ["key", "value"], fields: { key: { validate: (0, n.assertNodeType)("Identi
fier", "StringLiteral"), value: { validate: (0, n.assertNodeType)("StringLiteral") } } } }, (0, n.default)("Decorator", { visitor: [
"expression"], fields: { expression: { validate: (0, n.assertNodeType)("Expression") } } } }, (0, n.default)("DoExpression", { v

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visitor:["body"],aliases:["Expression"],fields:{body:{validate:(0,n.assertNodeType)("BlockStatement")}}}),
(0,n.default)("ExportDefaultSpecifier",{visitor:["exported"],aliases:["ModuleSpecifier"],fields:{exported:{validate:(0,n.assertNodeType)("Identifier")}}}),
(0,n.default)("PrivateName",{visitor:["id"],aliases:["Private"],fields:{id:{validate:(0,n.assertNodeType)("Identifier")}}}),
(0,n.default)("RecordExpression",{visitor:["properties"],aliases:["Expression"],fields:{properties:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("ObjectProperty","SpreadElement"))}}}),
(0,n.default)("TupleExpression",{fields:{elements:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("Expression","SpreadElement"))}},default:[]}},visitor:["elements"],aliases:["Expression"]}),
(0,n.default)("DecimalLiteral",{builder:["value"],fields:{value:{validate:(0,n.assertValueType)("string")}}},aliases:["Expression","Pureish","Literal","Immutable"]}),
(0,n.default)("StaticBlock",{visitor:["body"],fields:{body:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("Statement"))}}},aliases:["Scopable","BlockParent"]}),
function(e,t,r){
  "use strict";
  var n=function(e){
    if(e&&e.__esModule)return e;
    if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};
    var t=s();
    if(t&&t.has(e))return t.get(e);
    var r={};
    n=Object.defineProperty&&Object.getOwnPropertyDescriptor;
    for(var i in e){
      if(Object.prototype.hasOwnProperty.call(e,i)){
        var a=n?Object.getOwnPropertyDescriptor(e,i):null;
        a&&(a.get||a.set)?Object.defineProperty(r,i,a):r[i]=e[i];
        r.default=e,t&&t.set(e,r);
        return r;
      }
    }
    r(9),i=r(50);
    function s(){
      if("function"!==typeof WeakMap)return null;
      var e=new WeakMap;
      return s=function(){return e},e;
    }
    const a=(0,n.assertValueType)("boolean"),o={returnType:{validate:(0,n.assertNodeType)("TSTypeAnnotation","Noop"),optional:!0},typeParameters:{validate:(0,n.assertNodeType)("TSTypeParameterDeclaration","Noop"),optional:!0}};
    (0,n.default)("TSParameterProperty",{aliases:["LVal"],visitor:["parameter"],fields:{accessibility:{validate:(0,n.assertOneOf)("public","private","protected"),optional:!0},readonly:{validate:(0,n.assertValueType)("boolean"),optional:!0},parameter:{validate:(0,n.assertNodeType)("Identifier","AssignmentPattern")}}}),
    (0,n.default)("TSDeclareFunction",{aliases:["Statement","Declaration"],visitor:["id","typeParameters","params","returnType"],fields:Object.assign({},i.functionDeclarationCommon,o)}),
    (0,n.default)("TSDeclareMethod",{visitor:["decorators","key","typeParameters","params","returnType"],fields:Object.assign({},i.classMethodOrDeclareMethodCommon,o)}),
    (0,n.default)("TSQualifiedName",{aliases:["TSEntityName"],visitor:["left","right"],fields:{left:(0,n.validateType)("TSEntityName"),right:(0,n.validateType)("Identifier")}});
    const l={typeParameters:(0,n.validateOptionalType)("TSTypeParameterDeclaration"),parameters:(0,n.validateArrayOfType)(["Identifier","RestElement"]),typeAnnotation:(0,n.validateOptionalType)("TSTypeAnnotation"),c={aliases:["TSTypeElement"],visitor:["typeParameters","parameters","typeAnnotation"],fields:l};
    (0,n.default)("TSCallSignatureDeclaration",c),
    (0,n.default)("TSConstructSignatureDeclaration",c);
    const p={key:(0,n.validateType)("Expression"),computed:(0,n.validate)(a),optional:(0,n.validateOptional)(a)};
    (0,n.default)("TSPropertySignature",{aliases:["TSTypeElement"],visitor:["key","typeAnnotation","initializer"],fields:Object.assign({},p,{readonly:(0,n.validateOptional)(a),typeAnnotation:(0,n.validateOptionalType)("TSTypeAnnotation"),initializer:(0,n.validateOptionalType)("Expression")}}}),
    (0,n.default)("TSMethodSignature",{aliases:["TSTypeElement"],visitor:["key","typeParameters","parameters","typeAnnotation"],fields:Object.assign({},l,p)}),
    (0,n.default)("TSIndexSignature",{aliases:["TSTypeElement"],visitor:["parameters","typeAnnotation"],fields:{readonly:(0,n.validateOptional)(a),parameters:(0,n.validateArrayOfType)("Identifier"),typeAnnotation:(0,n.validateOptionalType)("TSTypeAnnotation")}});
    const u=["TSAnyKeyword","TSBooleanKeyword","TSBigIntKeyword","TSIntrinsicKeyword","TSNeverKeyword","TSNullKeyword","TSNumberKeyword","TSObjectKeyword","TSStringKeyword","TSSymbolKeyword","TSUndefinedKeyword","TSUnknownKeyword","TSVoidKeyword"];
    for(const e of u)(0,n.default)(e,{aliases:["TSType","TSBaseType"],visitor:[],fields:{}});
    (0,n.default)("TSThisType",{aliases:["TSType","TSBaseType"],visitor:[],fields:{}});
    const d={aliases:["TSType"],visitor:["typeParameters","parameters","typeAnnotation"],fields:l};
    (0,n.default)("TSFunctionType",d),
    (0,n.default)("TSConstructorType",d),
    (0,n.default)("TSTypeReference",{aliases:["TSType"],visitor:["typeName","typeParameters"],fields:{typeName:(0,n.validateType)("TSEntityName"),typeParameters:(0,n.validateOptionalType)("TSTypeParameterDeclaration")}});
  }
}

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onalType)("TSTypeParameterInstantiation"))},(0,n.default)("TSTypePredicate",{aliases:["TSType"],visitor:["parameterName","typeAnnotation"],builder:["parameterName","typeAnnotation","asserts"],fields:{parameterName:(0,n.validateType)("Identifier","TSThisType"),typeAnnotation:(0,n.validateOptionalType)("TSTypeAnnotation"),asserts:(0,n.validateOptional)(a)}},(0,n.default)("TSTypeQuery",{aliases:["TSType"],visitor:["exprName"],fields:{exprName:(0,n.validateType)("TSEntityName","TSImportType"))},(0,n.default)("TSTypeLiteral",{aliases:["TSType"],visitor:["members"],fields:{members:(0,n.validateArrayOfType)("TSTypeElement"))},(0,n.default)("TSArrayType",{aliases:["TSType"],visitor:["elementType"],fields:{elementType:(0,n.validateType)("TSType"))},(0,n.default)("TSTupleType",{aliases:["TSType"],visitor:["elementTypes"],fields:{elementTypes:(0,n.validateArrayOfType)("TSType","TSNamedTupleMember"))},(0,n.default)("TSOptionalType",{aliases:["TSType"],visitor:["typeAnnotation"],fields:{typeAnnotation:(0,n.validateType)("TSType"))},(0,n.default)("TSRestType",{aliases:["TSType"],visitor:["typeAnnotation"],fields:{typeAnnotation:(0,n.validateType)("TSType"))},(0,n.default)("TSNamedTupleMember",{visitor:["label","elementType"],builder:["label","elementType","optional"],fields:{label:(0,n.validateType)("Identifier"),optional:{validate:a,default:!1},elementType:(0,n.validateType)("TSType")});const h={aliases:["TSType"],visitor:["types"],fields:{types:(0,n.validateArrayOfType)("TSType")};(0,n.default)("TSUnionType",h),(0,n.default)("TSIntersectionType",h),(0,n.default)("TSConditionalType",{aliases:["TSType"],visitor:["checkType","extendsType","trueType","falseType"],fields:{checkType:(0,n.validateType)("TSType"),extendsType:(0,n.validateType)("TSType"),trueType:(0,n.validateType)("TSType"),falseType:(0,n.validateType)("TSType")}), (0,n.default)("TSInferType",{aliases:["TSType"],visitor:["typeParameter"],fields:{typeParameter:(0,n.validateType)("TSTypeParameter"))},(0,n.default)("TSParenthesizedType",{aliases:["TSType"],visitor:["typeAnnotation"],fields:{typeAnnotation:(0,n.validateType)("TSType")},(0,n.default)("TSTypeOperator",{aliases:["TSType"],visitor:["typeAnnotation"],fields:{operator:(0,n.validate)((0,n.assertValueType)("string")),typeAnnotation:(0,n.validateType)("TSType")},(0,n.default)("TSIndexedAccessType",{aliases:["TSType"],visitor:["objectType","indexType"],fields:{objectType:(0,n.validateType)("TSType"),indexType:(0,n.validateType)("TSType")},(0,n.default)("TSMappedType",{aliases:["TSType"],visitor:["typeParameter","typeAnnotation","nameType"],fields:{readonly:(0,n.validateOptional)(a),typeParameter:(0,n.validateType)("TSTypeParameter"),optional:(0,n.validateOptional)(a),typeAnnotation:(0,n.validateOptionalType)("TSType"),nameType:(0,n.validateOptionalType)("TSType")},(0,n.default)("TSLiteralType",{aliases:["TSType","TSBaseType"],visitor:["literal"],fields:{literal:(0,n.validateType)(["NumericLiteral","StringLiteral","BooleanLiteral","BigIntLiteral"])}},(0,n.default)("TSExpressionWithTypeArguments",{aliases:["TSType"],visitor:["expression","typeParameters"],fields:{expression:(0,n.validateType)("TSEntityName"),typeParameters:(0,n.validateOptionalType)("TSTypeParameterInstantiation"))},(0,n.default)("TSInterfaceDeclaration",{aliases:["Statement","Declaration"],visitor:["id","typeParameters","extends","body"],fields:{declare:(0,n.validateOptional)(a),id:(0,n.validateType)("Identifier"),typeParameters:(0,n.validateOptionalType)("TSTypeParameterDeclaration"),extends:(0,n.validateOptional)((0,n.arrayOfType)("TSExpressionWithTypeArguments")),body:(0,n.validateType)("TSInterfaceBody")},(0,n.default)("TSInterfaceBody",{visitor:["body"],fields:{body:(0,n.validateArrayOfType)("TSTypeElement")},(0,n.default)("TSTypeAliasDeclaration",{aliases:["Statement","Declaration"],visitor:["id","typeParameters","typeAnnotation"],fields:{declare:(0,n.validateOptional)(a),id:(0,n.validateType)("Identifier"),typeParameters:(0,n.validateOptionalType)("TSTypeParameterDeclaration"),typeAnnotation:(0,n.validateType)("TSType")},(0,n.default)("TSAsExpression",{aliases:["Expression"],visitor:["expression","typeAnnotation"],fields:{expression:(0,n.validateType)("Expression"),typeAnnotation:(0,n.validateType)("TSType")},(0,n.default)("TSTypeAssertion",{aliases:["Expression"],visitor:["typeAnnotation","expression"],fields:{typeAnnotation:(0,n.validateType)("TSType"),expression:(0,n.validateType)("Expression")},(0,n.default)("TSEnumDeclaration",{aliases:["Statement","Declaration"],visitor:["id","members"],fields:{declare:(0,n.validateOptional)(a),const:(0,n.validateOptional)(a),id:(0,n.validateType)("Identifier"),members:(0,n.validateArrayOfType)("TSEnumMember"),initializer:(0,n.validateOptionalType)("Expression")},(0,n.default)("TSEnumMember",{visitor:["id","initializer"],fields:{id:(0,n.validateType)(["Identifier","StringLiteral"]),initializer:(0,n.validateOptionalType)("Expression")},(0,n.default)("TSModuleDeclaration",{aliases:["Statement","Declaration"],visitor:["id","body"],fields:{declare:(0,n.validateOptional)(a),global:(0,n.validateOptional)(a),id:(0,n.validateType)(["Identifier","StringLiteral"]),body:(0,n.validateType)(["TSMODULEBLOCK","TSMODULEDECLARATION"])}},(0,n.default)("TSMODULEBLOCK",{aliases:["Scopable","Block","BlockParent"],visitor:["

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body"],fields:{body:(0,n.validateArrayOfType)("Statement"))},(0,n.default)("TSImportType",{aliases:["TSType"],
visitor:["argument","qualifier","typeParameters"],fields:{argument:(0,n.validateType)("StringLiteral"),qualifier:(0,n
.validateOptionalType)("TSEntityName"),typeParameters:(0,n.validateOptionalType)("TSTypeParameterInstantiation")
})),(0,n.default)("TSImportEqualsDeclaration",{aliases:["Statement"],visitor:["id","moduleReference"],fields:{is
Export:(0,n.validate)(a),id:(0,n.validateType)("Identifier"),moduleReference:(0,n.validateType)("TSEntityName","
TSEntityNameReference")}),},(0,n.default)("TSEntityNameReference",{visitor:["expression"],fields:{expr
ession:(0,n.validateType)("StringLiteral")}),},(0,n.default)("TSNonNullExpression",{aliases:["Expression"],visitor:[
"expression"],fields:{expression:(0,n.validateType)("Expression")}),},(0,n.default)("TSEntityNameReference",{aliases:
["Statement"],visitor:["expression"],fields:{expression:(0,n.validateType)("Expression")}),},(0,n.default)("TSNames
paceExportDeclaration",{aliases:["Statement"],visitor:["id"],fields:{id:(0,n.validateType)("Identifier")}),},(0,n.defau
lt)("TSTypeAnnotation",{visitor:["typeAnnotation"],fields:{typeAnnotation:{validate:(0,n.assertNodeType)("TSTy
pe")}}}),},(0,n.default)("TSTypeParameterInstantiation",{visitor:["params"],fields:{params:{validate:(0,n.chain)((0,n
.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("TSType"))}}}),},(0,n.default)("TSTypeParamete
rDeclaration",{visitor:["params"],fields:{params:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEac
h)((0,n.assertNodeType)("TSTypeParameter"))}}}),},(0,n.default)("TSTypeParameter",{builder:["constraint","default
t","name"],visitor:["constraint","default"],fields:{name:{validate:(0,n.assertValueType)("string")},constraint:{valida
te:(0,n.assertNodeType)("TSType"),optional:!0},default:{validate:(0,n.assertNodeType)("TSType"),optional:!0}}})
},function(e,t,r){
use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){if(!0,i.default)(e){var t;const
r=null!=(t=null==e?void 0:e.type)?t.JSON.stringify(e);throw new TypeError("Not a valid node of type
"{$r}")};var n,i=(n=r(84))&&n.__esModule?n:{default:n}},function(e,t,r){
use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.assertArrayExpression=function(e,t){s("ArrayExpress
ion",e,t)},t.assertAssignmentExpression=function(e,t){s("AssignmentExpression",e,t)},t.assertBinaryExpressio
n=function(e,t){s("BinaryExpression",e,t)},t.assertInterpreterDirective=function(e,t){s("InterpreterDirective"
,e,t)},t.assertDirective=function(e,t){s("Directive",e,t)},t.assertDirectiveLiteral=function(e,t){s("DirectiveLit
eral",e,t)},t.assertBlockStatement=function(e,t){s("BlockStatement",e,t)},t.assertBreakStatement=function(e,t={
}){s("BreakStatement",e,t)},t.assertCallExpression=function(e,t){s("CallExpression",e,t)},t.assertCatchClause=f
unction(e,t){s("CatchClause",e,t)},t.assertConditionalExpression=function(e,t){s("ConditionalExpression",e,
t)},t.assertContinueStatement=function(e,t){s("ContinueStatement",e,t)},t.assertDebuggerStatement=function(e,t
)={s("DebuggerStatement",e,t)},t.assertDoWhileStatement=function(e,t){s("DoWhileStatement",e,t)},t.assert
EmptyStatement=function(e,t){s("EmptyStatement",e,t)},t.assertExpressionStatement=function(e,t){s("Expr
essionStatement",e,t)},t.assertFile=function(e,t){s("File",e,t)},t.assertForInStatement=function(e,t){s("ForIn
Statement",e,t)},t.assertForStatement=function(e,t){s("ForStatement",e,t)},t.assertFunctionDeclaration=function
(e,t){s("FunctionDeclaration",e,t)},t.assertFunctionExpression=function(e,t){s("FunctionExpression",e,t)},t.
assertIdentifier=function(e,t){s("Identifier",e,t)},t.assertIfStatement=function(e,t){s("IfStatement",e,t)},t.asse
rtLabeledStatement=function(e,t){s("LabeledStatement",e,t)},t.assertStringLiteral=function(e,t){s("StringLit
eral",e,t)},t.assertNumericLiteral=function(e,t){s("NumericLiteral",e,t)},t.assertNullLiteral=function(e,t){s("
NullLiteral",e,t)},t.assertBooleanLiteral=function(e,t){s("BooleanLiteral",e,t)},t.assertRegExpLiteral=function(e
,t){s("RegExpLiteral",e,t)},t.assertLogicalExpression=function(e,t){s("LogicalExpression",e,t)},t.assertMem
berExpression=function(e,t){s("MemberExpression",e,t)},t.assertNewExpression=function(e,t){s("NewExpr
ession",e,t)},t.assertProgram=function(e,t){s("Program",e,t)},t.assertObjectExpression=function(e,t){s("Obje
ctExpression",e,t)},t.assertObjectMethod=function(e,t){s("ObjectMethod",e,t)},t.assertObjectProperty=function(
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n",e,t)},t.assertParenthesizedExpression=function(e,t){s("ParenthesizedExpression",e,t)},t.assertSwitchCase=fu
nction(e,t){s("SwitchCase",e,t)},t.assertSwitchStatement=function(e,t){s("SwitchStatement",e,t)},t.assertThis
Expression=function(e,t){s("ThisExpression",e,t)},t.assertThrowStatement=function(e,t){s("ThrowStatemen
t",e,t)},t.assertTryStatement=function(e,t){s("TryStatement",e,t)},t.assertUnaryExpression=function(e,t){s("

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UnaryExpression",e,t)},t.assertUpdateExpression=function(e,t={}){s("UpdateExpression",e,t)},t.assertVariableDeclaration=function(e,t={}){s("VariableDeclaration",e,t)},t.assertVariableDeclarator=function(e,t={}){s("VariableDeclarator",e,t)},t.assertWhileStatement=function(e,t={}){s("WhileStatement",e,t)},t.assertWithStatement=function(e,t={}){s("WithStatement",e,t)},t.assertAssignmentPattern=function(e,t={}){s("AssignmentPattern",e,t)},t.assertArrayPattern=function(e,t={}){s("ArrayPattern",e,t)},t.assertArrowFunctionExpression=function(e,t={}){s("ArrowFunctionExpression",e,t)},t.assertClassBody=function(e,t={}){s("ClassBody",e,t)},t.assertClassExpression=function(e,t={}){s("ClassExpression",e,t)},t.assertClassDeclaration=function(e,t={}){s("ClassDeclaration",e,t)},t.assertExportAllDeclaration=function(e,t={}){s("ExportAllDeclaration",e,t)},t.assertExportDefaultDeclaration=function(e,t={}){s("ExportDefaultDeclaration",e,t)},t.assertExportNamedDeclaration=function(e,t={}){s("ExportNamedDeclaration",e,t)},t.assertExportSpecifier=function(e,t={}){s("ExportSpecifier",e,t)},t.assertForOfStatement=function(e,t={}){s("ForOfStatement",e,t)},t.assertImportDeclaration=function(e,t={}){s("ImportDeclaration",e,t)},t.assertImportDefaultSpecifier=function(e,t={}){s("ImportDefaultSpecifier",e,t)},t.assertImportNamespaceSpecifier=function(e,t={}){s("ImportNamespaceSpecifier",e,t)},t.assertImportSpecifier=function(e,t={}){s("ImportSpecifier",e,t)},t.assertMetaProperty=function(e,t={}){s("MetaProperty",e,t)},t.assertClassMethod=function(e,t={}){s("ClassMethod",e,t)},t.assertObjectPattern=function(e,t={}){s("ObjectPattern",e,t)},t.assertSpreadElement=function(e,t={}){s("SpreadElement",e,t)},t.assertSuper=function(e,t={}){s("Super",e,t)},t.assertTaggedTemplateExpression=function(e,t={}){s("TaggedTemplateExpression",e,t)},t.assertTemplateElement=function(e,t={}){s("TemplateElement",e,t)},t.assertTemplateLiteral=function(e,t={}){s("TemplateLiteral",e,t)},t.assertYieldExpression=function(e,t={}){s("YieldExpression",e,t)},t.assertAwaitExpression=function(e,t={}){s("AwaitExpression",e,t)},t.assertImport=function(e,t={}){s("Import",e,t)},t.assertBigIntLiteral=function(e,t={}){s("BigIntLiteral",e,t)},t.assertExportNamespaceSpecifier=function(e,t={}){s("ExportNamespaceSpecifier",e,t)},t.assertOptionalMemberExpression=function(e,t={}){s("OptionalMemberExpression",e,t)},t.assertOptionalCallExpression=function(e,t={}){s("OptionalCallExpression",e,t)},t.assertAnyTypeAnnotation=function(e,t={}){s("AnyTypeAnnotation",e,t)},t.assertArrayTypeAnnotation=function(e,t={}){s("ArrayTypeAnnotation",e,t)},t.assertBooleanTypeAnnotation=function(e,t={}){s("BooleanTypeAnnotation",e,t)},t.assertBooleanLiteralTypeAnnotation=function(e,t={}){s("BooleanLiteralTypeAnnotation",e,t)},t.assertNullLiteralTypeAnnotation=function(e,t={}){s("NullLiteralTypeAnnotation",e,t)},t.assertClassImplements=function(e,t={}){s("ClassImplements",e,t)},t.assertDeclareClass=function(e,t={}){s("DeclareClass",e,t)},t.assertDeclareFunction=function(e,t={}){s("DeclareFunction",e,t)},t.assertDeclareInterface=function(e,t={}){s("DeclareInterface",e,t)},t.assertDeclareModule=function(e,t={}){s("DeclareModule",e,t)},t.assertDeclareModuleExports=function(e,t={}){s("DeclareModuleExports",e,t)},t.assertDeclareTypeAlias=function(e,t={}){s("DeclareTypeAlias",e,t)},t.assertDeclareOpaqueType=function(e,t={}){s("DeclareOpaqueType",e,t)},t.assertDeclareVariable=function(e,t={}){s("DeclareVariable",e,t)},t.assertDeclareExportDeclaration=function(e,t={}){s("DeclareExportDeclaration",e,t)},t.assertDeclareExportAllDeclaration=function(e,t={}){s("DeclareExportAllDeclaration",e,t)},t.assertDeclaredPredicate=function(e,t={}){s("DeclaredPredicate",e,t)},t.assertExistsTypeAnnotation=function(e,t={}){s("ExistsTypeAnnotation",e,t)},t.assertFunctionTypeAnnotation=function(e,t={}){s("FunctionTypeAnnotation",e,t)},t.assertFunctionTypeParam=function(e,t={}){s("FunctionTypeParam",e,t)},t.assertGenericTypeAnnotation=function(e,t={}){s("GenericTypeAnnotation",e,t)},t.assertInferredPredicate=function(e,t={}){s("InferredPredicate",e,t)},t.assertInterfaceExtends=function(e,t={}){s("InterfaceExtends",e,t)},t.assertInterfaceDeclaration=function(e,t={}){s("InterfaceDeclaration",e,t)},t.assertInterfaceTypeAnnotation=function(e,t={}){s("InterfaceTypeAnnotation",e,t)},t.assertIntersectionTypeAnnotation=function(e,t={}){s("IntersectionTypeAnnotation",e,t)},t.assertMixedTypeAnnotation=function(e,t={}){s("MixedTypeAnnotation",e,t)},t.assertEmptyTypeAnnotation=function(e,t={}){s("EmptyTypeAnnotation",e,t)},t.assertNullableTypeAnnotation=function(e,t={}){s("NullableTypeAnnotation",e,t)},t.assertNumberLiteralTypeAnnotation=function(e,t={}){s("NumberLiteralTypeAnnotation",e,t)},t.assertNumberTypeAnnotation=function(e,t={}){s("NumberTypeAnnotation",e,t)},t.assertObjectTypeAnnotation=function(e,t={}){s("ObjectTypeAnnotation",e,t)},t.assertObjectTypeInternalSlot=function(e,t={}){s("ObjectTypeInternalSlot",e,t)},t.assertObjectTypeCallProperty=function(e,t={}){s("ObjectTypeCallProperty",e,t)},t.assertObjectTypeIndexer=function(e,t={}){s("ObjectTypeIndexer",e,t)},t.assertObjectTypeProperty=function(e,t={}){s("ObjectTypeProperty",e,t)},t.assertObjectTypeSpreadProperty=function(e,t={}){s("ObjectTypeSpreadProperty",e,t)},t.assertOpaqueType=function(e,t={}){s("OpaqueType",e,t)},t.assertQualifiedTypeIdentif

ier=function(e,t={}){s("QualifiedTypeIdentifier",e,t)},t.assertStringLiteralTypeAnnotation=function(e,t={}){s("StringLiteralTypeAnnotation",e,t)},t.assertStringTypeAnnotation=function(e,t={}){s("StringTypeAnnotation",e,t)},t.assertSymbolTypeAnnotation=function(e,t={}){s("SymbolTypeAnnotation",e,t)},t.assertThisTypeAnnotation=function(e,t={}){s("ThisTypeAnnotation",e,t)},t.assertTupleTypeAnnotation=function(e,t={}){s("TupleTypeAnnotation",e,t)},t.assertTypeofTypeAnnotation=function(e,t={}){s("TypeofTypeAnnotation",e,t)},t.assertTypeAlias=function(e,t={}){s("TypeAlias",e,t)},t.assertTypeAnnotation=function(e,t={}){s("TypeAnnotation",e,t)},t.assertTypeCastExpression=function(e,t={}){s("TypeCastExpression",e,t)},t.assertTypeParameter=function(e,t={}){s("TypeParameter",e,t)},t.assertTypeParameterDeclaration=function(e,t={}){s("TypeParameterDeclaration",e,t)},t.assertTypeParameterInstantiation=function(e,t={}){s("TypeParameterInstantiation",e,t)},t.assertUnionTypeAnnotation=function(e,t={}){s("UnionTypeAnnotation",e,t)},t.assertVariance=function(e,t={}){s("Variance",e,t)},t.assertVoidTypeAnnotation=function(e,t={}){s("VoidTypeAnnotation",e,t)},t.assertEnumDeclaration=function(e,t={}){s("EnumDeclaration",e,t)},t.assertEnumBooleanBody=function(e,t={}){s("EnumBooleanBody",e,t)},t.assertEnumNumberBody=function(e,t={}){s("EnumNumberBody",e,t)},t.assertEnumStringBody=function(e,t={}){s("EnumStringBody",e,t)},t.assertEnumSymbolBody=function(e,t={}){s("EnumSymbolBody",e,t)},t.assertEnumBooleanMember=function(e,t={}){s("EnumBooleanMember",e,t)},t.assertEnumNumberMember=function(e,t={}){s("EnumNumberMember",e,t)},t.assertEnumStringMember=function(e,t={}){s("EnumStringMember",e,t)},t.assertEnumDefaultedMember=function(e,t={}){s("EnumDefaultedMember",e,t)},t.assertJSXAttribute=function(e,t={}){s("JSXAttribute",e,t)},t.assertJSXClosingElement=function(e,t={}){s("JSXClosingElement",e,t)},t.assertJSXElement=function(e,t={}){s("JSXElement",e,t)},t.assertJSXEmptyExpression=function(e,t={}){s("JSXEmptyExpression",e,t)},t.assertJSXExpressionContainer=function(e,t={}){s("JSXExpressionContainer",e,t)},t.assertJSXSpreadChild=function(e,t={}){s("JSXSpreadChild",e,t)},t.assertJSXIdentifier=function(e,t={}){s("JSXIdentifier",e,t)},t.assertJSXMemberExpression=function(e,t={}){s("JSXMemberExpression",e,t)},t.assertJSXNamespacedName=function(e,t={}){s("JSXNamespacedName",e,t)},t.assertJSXOpeningElement=function(e,t={}){s("JSXOpeningElement",e,t)},t.assertJSXSpreadAttribute=function(e,t={}){s("JSXSpreadAttribute",e,t)},t.assertJSXText=function(e,t={}){s("JSXText",e,t)},t.assertJSXFragment=function(e,t={}){s("JSXFragment",e,t)},t.assertJSXOpeningFragment=function(e,t={}){s("JSXOpeningFragment",e,t)},t.assertJSXClosingFragment=function(e,t={}){s("JSXClosingFragment",e,t)},t.assertNoop=function(e,t={}){s("Noop",e,t)},t.assertPlaceholder=function(e,t={}){s("Placeholder",e,t)},t.assertV8IntrinsicIdentifier=function(e,t={}){s("V8IntrinsicIdentifier",e,t)},t.assertArgumentPlaceholder=function(e,t={}){s("ArgumentPlaceholder",e,t)},t.assertBindExpression=function(e,t={}){s("BindExpression",e,t)},t.assertClassProperty=function(e,t={}){s("ClassProperty",e,t)},t.assertPipelineTopicExpression=function(e,t={}){s("PipelineTopicExpression",e,t)},t.assertPipelineBareFunction=function(e,t={}){s("PipelineBareFunction",e,t)},t.assertPipelinePrimaryTopicReference=function(e,t={}){s("PipelinePrimaryTopicReference",e,t)},t.assertClassPrivateProperty=function(e,t={}){s("ClassPrivateProperty",e,t)},t.assertClassPrivateMethod=function(e,t={}){s("ClassPrivateMethod",e,t)},t.assertImportAttribute=function(e,t={}){s("ImportAttribute",e,t)},t.assertDecorator=function(e,t={}){s("Decorator",e,t)},t.assertDoExpression=function(e,t={}){s("DoExpression",e,t)},t.assertExportDefaultSpecifier=function(e,t={}){s("ExportDefaultSpecifier",e,t)},t.assertPrivateName=function(e,t={}){s("PrivateName",e,t)},t.assertRecordExpression=function(e,t={}){s("RecordExpression",e,t)},t.assertTupleExpression=function(e,t={}){s("TupleExpression",e,t)},t.assertDecimalLiteral=function(e,t={}){s("DecimalLiteral",e,t)},t.assertStaticBlock=function(e,t={}){s("StaticBlock",e,t)},t.assertTSParameterProperty=function(e,t={}){s("TSParameterProperty",e,t)},t.assertTSDeclareFunction=function(e,t={}){s("TSDeclareFunction",e,t)},t.assertTSDeclareMethod=function(e,t={}){s("TSDeclareMethod",e,t)},t.assertTSQualifiedName=function(e,t={}){s("TSQualifiedName",e,t)},t.assertTSCallSignatureDeclaration=function(e,t={}){s("TSCallSignatureDeclaration",e,t)},t.assertTSConstructSignatureDeclaration=function(e,t={}){s("TSConstructSignatureDeclaration",e,t)},t.assertTSPropertySignature=function(e,t={}){s("TSPropertySignature",e,t)},t.assertTSMethodSignature=function(e,t={}){s("TSMethodSignature",e,t)},t.assertTSIndexSignature=function(e,t={}){s("TSIndexSignature",e,t)},t.assertTSAnyKeyword=function(e,t={}){s("TSAnyKeyword",e,t)},t.assertTSBooleanKeyword=function(e,t={}){s("TSBooleanKeyword",e,t)},t.assertTSBigIntKeyword=function(e,t={}){s("TSBigIntKeyword",e,t)},t.assertTSIntrinsicKeyword=function(e,t={}){s("TSIntrinsicKeyword",e,t)},t.assertTSNeverKeyword=function(e,t={}){s("TSNeverKeyword",e,t)},t.assertTSNullKeyword=function(e,t={}){s("TSNullKeyword",e,t)},t.assertTSNumberKeyword=function(e,t={}){s("TSNumberKeyword",e,t)}

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leDeclaration=function(e,t={}){s("ModuleDeclaration",e,t)},t.assertExportDeclaration=function(e,t={}){s("ExportDeclaration",e,t)},t.assertModuleSpecifier=function(e,t={}){s("ModuleSpecifier",e,t)},t.assertFlow=function(e,t={}){s("Flow",e,t)},t.assertFlowType=function(e,t={}){s("FlowType",e,t)},t.a

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assertFlowBaseAnnotation=function(e,t={}){s("FlowBaseAnnotation",e,t)},t.assertFlowDeclaration=function(e,t={})
{s("FlowDeclaration",e,t)},t.assertFlowPredicate=function(e,t={}){s("FlowPredicate",e,t)},t.assertEnumBody=functi
ion(e,t={}){s("EnumBody",e,t)},t.assertEnumMember=function(e,t={}){s("EnumMember",e,t)},t.assertJSX=functi
on(e,t={}){s("JSX",e,t)},t.assertPrivate=function(e,t={}){s("Private",e,t)},t.assertTSTypeElement=function(e,t={})
{s("TSTypeElement",e,t)},t.assertTSType=function(e,t={}){s("TSType",e,t)},t.assertTSBaseType=function(e,t={})
{s("TSBaseType",e,t)},t.assertNumberLiteral=function(e,t){console.trace("The node type NumberLiteral has been
renamed to NumericLiteral"),s("NumberLiteral",e,t)},t.assertRegexLiteral=function(e,t){console.trace("The node
type RegexLiteral has been renamed to
RegExpLiteral"),s("RegexLiteral",e,t)},t.assertRestProperty=function(e,t){console.trace("The node type
RestProperty has been renamed to
RestElement"),s("RestProperty",e,t)},t.assertSpreadProperty=function(e,t){console.trace("The node type
SpreadProperty has been renamed to SpreadElement"),s("SpreadProperty",e,t)};var
n,i=(n=r(34))&&n.__esModule?n:{default:n};function s(e,t,r){if(!0,i.default)(e,t,r)throw new Error(`Expected type
"${e}" with option ${JSON.stringify(r)}, but instead got "${t.type}"`)}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){if("string"===e)return(0,n.stringTyp
eAnnotation());if("number"===e)return(0,n.numberTypeAnnotation());if("undefined"===e)return(0,n.voidTypeAnn
otation());if("boolean"===e)return(0,n.booleanTypeAnnotation());if("function"===e)return(0,n.genericTypeAnnotat
ion)((0,n.identifier)("Function"));if("object"===e)return(0,n.genericTypeAnnotation)((0,n.identifier)("Object"));if("
symbol"===e)return(0,n.genericTypeAnnotation)((0,n.identifier)("Symbol"));throw new Error("Invalid type of
value")};var n=r(4)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){const t=(0,s.default)(e);return
1===t.length?t[0):(0,i.unionTypeAnnotation)(t)};var
n,i=r(4),s=(n=r(85))&&n.__esModule?n:{default:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){const
t=e.map(e=>e.typeAnnotations),r=(0,s.default)(t);return 1===r.length?r[0):(0,i.tsUnionType)(r)};var
n,i=r(4),s=(n=r(221))&&n.__esModule?n:{default:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){const t={},r={},i=[],s=[];for(let
t=0;t<e.length;t++){const
a=e[t];if(a&&!s.indexOf(a)>=0)}{if((0,n.isTSAnyKeyword)(a.type))return[a];(0,n.isTSBaseType)(a)?r[a.type]=a:(0
,n.isTSUnionType)(a)?i.indexOf(a.types)<0&&(e=e.concat(a.types),i.push(a.types)):s.push(a)}for(const e of
Object.keys(r))s.push(r[e]);for(const e of Object.keys(t))s.push(t[e]);return s};var n=r(2)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,i.default)(e,!1)};var
n,i=(n=r(14))&&n.__esModule?n:{default:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,i.default)(e)};var
n,i=(n=r(14))&&n.__esModule?n:{default:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,i.default)(e,!0,!0)};var
n,i=(n=r(14))&&n.__esModule?n:{default:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,i.default)(e,!1,!0)};var
n,i=(n=r(14))&&n.__esModule?n:{default:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r,n){return(0,i.default)(e,t,[{type:n?"
CommentLine":"CommentBlock",value:r}])};var
n,i=(n=r(86))&&n.__esModule?n:{default:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return
n.COMMENT_KEYS.forEach(t=>{e[t]=null}),e};var n=r(13)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.TSBASETYPE_TYPES=t.TSTYPE_TYPES=t.TSTYPE
ELEMENT_TYPES=t.PRIVATE_TYPES=t.JSX_TYPES=t.ENUMMEMBER_TYPES=t.ENUMBODY_TYPES=t
.FLOWPREDICATE_TYPES=t.FLOWDECLARATION_TYPES=t.FLOWBASEANNOTATION_TYPES=t.FLO
WTYPE_TYPES=t.FLOW_TYPES=t.MODULESPECIFIER_TYPES=t.EXPORTDECLARATION_TYPES=t.MO

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DULEDECLARATION_TYPES=t.CLASS_TYPES=t.PATTERN_TYPES=t.UNARYLIKE_TYPES=t.PROPERT
Y_TYPES=t.OBJECTMEMBER_TYPES=t.METHOD_TYPES=t.USERWHITESPACABLE_TYPES=t.IMMUTA
BLE_TYPES=t.LITERAL_TYPES=t.TSENTITYNAME_TYPES=t.LVAL_TYPES=t.PATTERNLIKE_TYPES=t.
DECLARATION_TYPES=t.PUREISH_TYPES=t.FUNCTIONPARENT_TYPES=t.FUNCTION_TYPES=t.FORX
STATEMENT_TYPES=t.FOR_TYPES=t.EXPRESSIONWRAPPER_TYPES=t.WHILE_TYPES=t.LOOP_TYPES
=t.CONDITIONAL_TYPES=t.COMPLETIONSTATEMENT_TYPES=t.TERMINATORLESS_TYPES=t.STATE
MENT_TYPES=t.BLOCK_TYPES=t.BLOCKPARENT_TYPES=t.SCOPABLE_TYPES=t.BINARY_TYPES=t.E
XPRESSION_TYPES=void 0;var n=r(5);const
i=n.FLIPPED_ALIAS_KEYS.Expression;t.EXPRESSION_TYPES=i;const
s=n.FLIPPED_ALIAS_KEYS.Binary;t.BINARY_TYPES=s;const
a=n.FLIPPED_ALIAS_KEYS.Scopable;t.SCOPABLE_TYPES=a;const
o=n.FLIPPED_ALIAS_KEYS.BlockParent;t.BLOCKPARENT_TYPES=o;const
l=n.FLIPPED_ALIAS_KEYS.Block;t.BLOCK_TYPES=l;const
c=n.FLIPPED_ALIAS_KEYS.Statement;t.STATEMENT_TYPES=c;const
p=n.FLIPPED_ALIAS_KEYS.Terminatorless;t.TERMINATORLESS_TYPES=p;const
u=n.FLIPPED_ALIAS_KEYS.CompletionStatement;t.COMPLETIONSTATEMENT_TYPES=u;const
d=n.FLIPPED_ALIAS_KEYS.Conditional;t.CONDITIONAL_TYPES=d;const
h=n.FLIPPED_ALIAS_KEYS.Loop;t.LOOP_TYPES=h;const
f=n.FLIPPED_ALIAS_KEYS.While;t.WHILE_TYPES=f;const
m=n.FLIPPED_ALIAS_KEYS.ExpressionWrapper;t.EXPRESSIONWRAPPER_TYPES=m;const
y=n.FLIPPED_ALIAS_KEYS.For;t.FOR_TYPES=y;const
T=n.FLIPPED_ALIAS_KEYS.ForXStatement;t.FORXSTATEMENT_TYPES=T;const
b=n.FLIPPED_ALIAS_KEYS.Function;t.FUNCTION_TYPES=b;const
g=n.FLIPPED_ALIAS_KEYS.FunctionParent;t.FUNCTIONPARENT_TYPES=g;const
S=n.FLIPPED_ALIAS_KEYS.Pureish;t.PUREISH_TYPES=S;const
x=n.FLIPPED_ALIAS_KEYS.Declaration;t.DECLARATION_TYPES=x;const
E=n.FLIPPED_ALIAS_KEYS.PatternLike;t.PATTERNLIKE_TYPES=E;const
P=n.FLIPPED_ALIAS_KEYS.LVal;t.LVAL_TYPES=P;const
v=n.FLIPPED_ALIAS_KEYS.TEntityName;t.TENTITYNAME_TYPES=v;const
A=n.FLIPPED_ALIAS_KEYS.Literal;t.LITERAL_TYPES=A;const
w=n.FLIPPED_ALIAS_KEYS.Immutable;t.IMMUTABLE_TYPES=w;const
O=n.FLIPPED_ALIAS_KEYS.UserWhitespacable;t.USERWHITESPACABLE_TYPES=O;const
I=n.FLIPPED_ALIAS_KEYS.Method;t.METHOD_TYPES=I;const
C=n.FLIPPED_ALIAS_KEYS.ObjectMember;t.OBJECTMEMBER_TYPES=C;const
N=n.FLIPPED_ALIAS_KEYS.Property;t.PROPERTY_TYPES=N;const
k=n.FLIPPED_ALIAS_KEYS.UnaryLike;t.UNARYLIKE_TYPES=k;const
D=n.FLIPPED_ALIAS_KEYS.Pattern;t.PATTERN_TYPES=D;const
_=n.FLIPPED_ALIAS_KEYS.Class;t.CLASS_TYPES=_;const
L=n.FLIPPED_ALIAS_KEYS.ModuleDeclaration;t.MODULEDECLARATION_TYPES=L;const
M=n.FLIPPED_ALIAS_KEYS.ExportDeclaration;t.EXPORTDECLARATION_TYPES=M;const
j=n.FLIPPED_ALIAS_KEYS.ModuleSpecifier;t.MODULESPECIFIER_TYPES=j;const
F=n.FLIPPED_ALIAS_KEYS.Flow;t.FLOW_TYPES=F;const
R=n.FLIPPED_ALIAS_KEYS.FlowType;t.FLOWTYPE_TYPES=R;const
B=n.FLIPPED_ALIAS_KEYS.FlowBaseAnnotation;t.FLOWBASEANNOTATION_TYPES=B;const
U=n.FLIPPED_ALIAS_KEYS.FlowDeclaration;t.FLOWDECLARATION_TYPES=U;const
V=n.FLIPPED_ALIAS_KEYS.FlowPredicate;t.FLOWPREDICATE_TYPES=V;const
K=n.FLIPPED_ALIAS_KEYS.EnumBody;t.ENUMBODY_TYPES=K;const
q=n.FLIPPED_ALIAS_KEYS.EnumMember;t.ENUMMEMBER_TYPES=q;const

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Y=n.FLIPPED_ALIAS_KEYS.JSX;t.JSX_TYPES=Y;const
W=n.FLIPPED_ALIAS_KEYS.Private;t.PRIVATE_TYPES=W;const
X=n.FLIPPED_ALIAS_KEYS.TSTypeElement;t.TSTYPEELEMENT_TYPES=X;const
J=n.FLIPPED_ALIAS_KEYS.TSType;t.TSTYPE_TYPES=J;const
H=n.FLIPPED_ALIAS_KEYS.TSBaseType;t.TSBASETYPE_TYPES=H},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t="body"){return
e[t]=(0,i.default)(e[t],e);var n,i=(n=r(91))&&n.__esModule?n:{default:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){ "eval"!==e&&(e=(0,i.default)(e))&&"arg
uments"!==e||e(" _ "+e);return e};var n,i=(n=r(92))&&n.__esModule?n:{default:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t=e.key||e.property){!e.computed&&(
0,n.isIdentifier)(t)&&(t=(0,i.stringLiteral)(t.name));return t};var n=r(2),i=r(4)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){(0,n.isExpressionStatement)(e)&&(e
=e.expression);if((0,n.isExpression)(e))return
e;(0,n.isClass)(e)?e.type="ClassExpression":(0,n.isFunction)(e)&&(e.type="FunctionExpression");if(!(0,n.isExpress
ion)(e))throw new Error(`cannot turn ${e.type} to an expression`);return e};var n=r(2)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=o;var n=r(2),i=a(r(14)),s=a(r(93));function
a(e){return e&&e.__esModule?e:{default:e}}function o(e,t=e.key){let
r;return"method"===e.kind?o.increment()+"":(r=(0,n.isIdentifier)(t)?t.name:(0,n.isStringLiteral)(t)?JSON.stringify(t
.value):JSON.stringify((0,s.default)((0,i.default)(t))),e.computed&&(r=`[${r}]`),e.static&&(r="static:"+r),r)}o.uid=0
,o.increment=function(){return o.uid>=Number.MAX_SAFE_INTEGER?o.uid=0:o.uid++}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){if(!null===e?void
0:e.length))return;const r=[],n=(0,i.default)(e,t,r);if(!n)return;for(const e of r)t.push(e);return n};var
n,i=(n=r(235))&&n.__esModule?n:{default:n}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function e(t,r,o){const l=[];let c=!0;for(const p
of t)if((0,i.isEmptyStatement)(p)||c=!1,(0,i.isExpression)(p))l.push(p);else
if((0,i.isExpressionStatement)(p))l.push(p.expression);else
if((0,i.isVariableDeclaration)(p)){if("var"!==p.kind)return;for(const e of p.declarations){const
t=(0,n.default)(e);for(const e of
Object.keys(t))o.push({kind:p.kind,id:(0,a.default)(t[e]));e.init&&l.push((0,s.assignmentExpression)("=",e.id,e.init
))c=!0}else if((0,i.isIfStatement)(p)){const
t=p.consequent?e([p.consequent],r,o):r.buildUndefinedNode(),n=p.alternate?e([p.alternate],r,o):r.buildUndefinedNo
de();if(!t||!n)return;l.push((0,s.conditionalExpression)(p.test,t,n))}else if((0,i.isBlockStatement)(p)){const
t=e(p.body,r,o);if(!t)return;l.push(t)}else{if(!(0,i.isEmptyStatement)(p))return;0===t.indexOf(p)&&(c=!0)}c&&l.pu
sh(r.buildUndefinedNode());return 1===l.length?[0]:(0,s.sequenceExpression)(l)};var
n=o(r(35)),i=r(2),s=r(4),a=o(r(14));function o(e){return e&&e.__esModule?e:{default:e}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){if((0,n.isStatement)(e))return e;let
r,s=!1;if((0,n.isClass)(e))s=!0,r="ClassDeclaration";else if((0,n.isFunction)(e))s=!0,r="FunctionDeclaration";else
if((0,n.isAssignmentExpression)(e))return(0,i.expressionStatement)(e);s&&!e.id&&(r=!1);if(!r){if(t)return!1;throw
new Error(`cannot turn ${e.type} to a statement`)}return e.type=r,e};var n=r(2),i=r(4)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function e(t){if(void
0===t)return(0,a.identifier)("undefined");if(!0===t||!1===t)return(0,a.booleanLiteral)(t);if(null===t)return(0,a.nullL
iteral());if("string"===typeof t)return(0,a.stringLiteral)(t);if("number"===typeof t){let
e;if(Number.isFinite(t))e=(0,a.numericLiteral)(Math.abs(t));else{let
r;r=Number.isNaN(t)?(0,a.numericLiteral)(0):(0,a.numericLiteral)(1),e=(0,a.binaryExpression)("/",r,(0,a.numericLit
eral)(0))}return(t<0||Object.is(t,-0))&&(e=(0,a.unaryExpression)("-",e)),e}if((0,i.default)(t)){const
e=t.source,r=t.toString().match(/^(/[a-
z+])$/[1];return(0,a.regExpLiteral)(e,r)}if(Array.isArray(t))return(0,a.arrayExpression)(t.map(e));if((0,n.default)(t
)){const r=[];for(const n of Object.keys(t)){let

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i;i=(0,s.default)(n)?(0,a.identifier)(n):(0,a.stringLiteral)(n),r.push((0,a.objectProperty)(i,e(t[n])))return(0,a.objectEx
pression)(r)}throw new Error("don't know how to turn this value into a node");var
n=o(r(238)),i=o(r(239)),s=o(r(23)),a=r(4);function o(e){return
e&&e.__esModule?:{default:e}},function(e,t,r){var
n=r(18),i=r(47),s=r(12),a=Function.prototype,o=Object.prototype,l=a.toString,c=o.hasOwnProperty,p=l.call(Object)
;e.exports=function(e){if(!s(e)||"object Object"!==n(e))return!1;var t=i(e);if(null===t)return!0;var
r=c.call(t,"constructor")&&t.constructor;return"function"===typeof r&&r instanceof
r&&l.call(r)===p}},function(e,t,r){var
n=r(240),i=r(32),s=r(33),a=s&&s.isRegExp,o=a?i(a):n;e.exports=o},function(e,t,r){var
n=r(18),i=r(12);e.exports=function(e){return i(e)&&"object RegExp"===n(e)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r=!1){return
e.object=(0,n.memberExpression)(e.object,e.property,e.computed),e.property=t,e.computed=!r,e};var
n=r(4)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){if(!e||t)return e;for(const r of
i.INHERIT_KEYS.optional)null===e[r]&&(e[r]=t[r]);for(const r of
Object.keys(t))"_"===r[0]&&"__clone"!==r&&(e[r]=t[r]);for(const r of
i.INHERIT_KEYS.force)e[r]=t[r];return(0,s.default)(e,t),e};var
n,i=r(13),s=(n=r(89))&&n.__esModule?n:{default:n},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){return
e.object=(0,n.memberExpression)(t,e.object),e};var n=r(4)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){return(0,i.default)(e,t,!0)};var
n,i=(n=r(35))&&n.__esModule?n:{default:n},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){"function"===typeof
t&&(t={enter:t});const{enter:i,exit:s}=t;!function e(t,r,i,s,a){const
o=n.VISITOR_KEYS[t.type];if(!o)return;r&&r(t,a,s);for(const n of o){const o=t[n];if(Array.isArray(o))for(let
l=0;l<o.length;l++){const c=o[l];c&&(a.push({node:t,key:n,index:l}),e(c,r,i,s,a),a.pop())}else
o&&(a.push({node:t,key:n}),e(o,r,i,s,a),a.pop())}i&&i(t,a,s)}(e,i,s,r,[]);var n=r(5)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){if(r&&"Identifier"===e.type&&"
ObjectProperty"===t.type&&"ObjectExpression"===r.type)return!1;const n=i.default.keys[t.type];if(n)for(let
r=0;r<n.length;r++){const i=n[r],s=t[i];if(Array.isArray(s)){if(s.indexOf(e)>=0)return!0}else
if(s===e)return!0}return!1};var n,i=(n=r(35))&&n.__esModule?n:{default:n},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,i.isFunctionDeclaration)(e)||
(0,i.isClassDeclaration)(e)||(0,s.default)(e)};var
n,i=r(2),s=(n=r(96))&&n.__esModule?n:{default:n},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){if((0,i.default)(e.type,"Immutable"))
return!0;if((0,s.isIdentifier)(e))return"undefined"===e.name;return!1};var
n,i=(n=r(51))&&n.__esModule?n:{default:n},s=r(2)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function e(t,r){if("object"!==typeof
t||"object"!==typeof r||null===t||null===r)return t===r;if(t.type!==r.type)return!1;const
i=Object.keys(n.NODE_FIELDS[t.type]||t.type),s=n.VISITOR_KEYS[t.type];for(const n of i){if(typeof
t[n]!==typeof
r[n]return!1;if(null!==t[n]||null!==r[n]){if(null===t[n]||null===r[n])return!1;if(Array.isArray(t[n])){if(!Array.isArray(r[n]
))return!1;if(t[n].length!==r[n].length)return!1;for(let i=0;i<t[n].length;i++){if(!e(t[n][i],r[n][i]))return!1}
else if("object"!==typeof t[n]||!(null===s?void 0:s.includes(n)))if(!e(t[n],r[n]))return!1}
else for(const e of
Object.keys(t[n])if(t[n][e]!==r[n][e])return!1}}return!0};var n=r(5)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){switch(t.type){case"MemberExpr
ession":case"JSXMemberExpression":case"OptionalMemberExpression":return
t.property===e?!t.computed:t.object===e;case"VariableDeclarator":return

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t.init===e;case"ArrowFunctionExpression":return
t.body===e;case"ExportSpecifier":return!t.source&&t.local===e;case"PrivateName":return!1;case"ClassMethod":c
ase"ClassPrivateMethod":case"ObjectMethod":if(t.params.includes(e))return!1;case"ObjectProperty":case"ClassPro
perty":case"ClassPrivateProperty":return
t.key===e?!t.computed:t.value!==e||(!r||"ObjectPattern"!==r.type);case"ClassDeclaration":case"ClassExpression":r
eturn t.superClass===e;case"AssignmentExpression":case"AssignmentPattern":return
t.right===e;case"LabeledStatement":case"CatchClause":case"RestElement":return!1;case"BreakStatement":case"Co
ntinueStatement":return!1;case"FunctionDeclaration":case"FunctionExpression":return!1;case"ExportNamespaceSp
ecifier":case"ExportDefaultSpecifier":return!1;case"ImportDefaultSpecifier":case"ImportNamespaceSpecifier":case
"ImportSpecifier":case"JSXAttribute":return!1;case"ObjectPattern":case"ArrayPattern":case"MetaProperty":return!
1;case"ObjectTypeProperty":return t.key!==e;case"TSEnumMember":return
t.id!==e;case"TSPropertySignature":return t.key!==e||!t.computed}return!0}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){if((0,n.isBlockStatement)(e)&&((0
,n.isFunction)(t)||!(0,n.isCatchClause)(t)))return!1;if((0,n.isPattern)(e)&&((0,n.isFunction)(t)||!(0,n.isCatchClause)(t)))
return!0;return(0,n.isScopable)(e)};var n=r(2)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,n.isImportDefaultSpecifier)
(e)||!(0,n.isIdentifier)(e.imported||e.exported,{name:"default"})};var n=r(2)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,i.default)(e)&&!s.has(e)};v
ar n,i=(n=r(23))&&n.__esModule?n:{default:n};const s=new
Set(["abstract","boolean","byte","char","double","enum","final","float","goto","implements","int","interface","long
","native","package","private","protected","public","short","static","synchronized","throws","transient","volatile"]);f
unction(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,n.isVariableDeclaration)(e,
{kind:"var"})&&!e[i.BLOCK_SCOPED_SYMBOL]};var n=r(2),i=r(13)},function(e,t,r){"undefined"===typeof
process||"renderer"===process.type||0===process.browser||process.__nwjs?e.exports=r(256):e.exports=r(258)},func
tion(e,t,r){t.log=function(...e){return"object"===typeof
console&&console.log&&console.log(...e)},t.formatArgs=function(t){if(t[0]=(this.useColors?"%c ":"")+this.namesp
ace+(this.useColors?" %c ":"")+t[0]+(this.useColors?"%c ":"
")+"+"+e.exports.humanize(this.diff,!this.useColors)return;const r="color: "+this.color;t.splice(1,0,r,"color:
inherit");let n=0,i=0;t[0].replace(/%[a-zA-
Z%]/g,e=>{"% %"!==e&&(n++,"%c"===e&&(i=n)}),t.splice(i,0,r)},t.save=function(e){try{e?t.storage.setItem("de
bug",e):t.storage.removeItem("debug")}catch(e){}},t.load=function(){let
e;try{e=t.storage.getItem("debug")}catch(e){}!e&&"undefined"!==typeof process&&"env"in
process&&(e=process.env.DEBUG);return e},t.useColors=function(){if("undefined"!==typeof
window&&window.process&&("renderer"===window.process.type||window.process.__nwjs))return!0;if("undefine
d"!==typeof
navigator&&navigator.userAgent&&navigator.userAgent.toLowerCase().match(/(edge|trident)\v(\d+)/))return!1;ret
urn"undefined"!==typeof
document&&document.documentElement&&document.documentElement.style&&document.documentElement.sty
le.WebkitAppearance||"undefined"!==typeof
window&&window.console&&(window.console.firebug||window.console.exception&&window.console.table)||"un
defined"!==typeof
navigator&&navigator.userAgent&&navigator.userAgent.toLowerCase().match(/firefox\v(\d+)/)&&parseInt(RegEx
p.$1,10)>=31||"undefined"!==typeof
navigator&&navigator.userAgent&&navigator.userAgent.toLowerCase().match(/applewebkit\v(\d+)/)},t.storage=f
unction(){try{return
localStorage}catch(e){}}(),t.colors=["#0000CC","#0000FF","#0033CC","#0033FF","#0066CC","#0066FF","#0099
CC","#0099FF","#00CC00","#00CC33","#00CC66","#00CC99","#00CCCC","#00CCFF","#3300CC","#3300FF",

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#3333CC", "#3333FF", "#3366CC", "#3366FF", "#3399CC", "#3399FF", "#33CC00", "#33CC33", "#33CC66", "#33CC99", "#33CCCC", "#33CCFF", "#6600CC", "#6600FF", "#6633CC", "#6633FF", "#66CC00", "#66CC33", "#9900CC", "#9900FF", "#9933CC", "#9933FF", "#99CC00", "#99CC33", "#CC0000", "#CC0033", "#CC0066", "#CC0099", "#CC00CC", "#CC00FF", "#CC3300", "#CC3333", "#CC3366", "#CC3399", "#CC33CC", "#CC33FF", "#CC6600", "#CC6633", "#CC9900", "#CC9933", "#CCCC00", "#CCCC33", "#FF0000", "#FF0033", "#FF0066", "#FF0099", "#FF00CC", "#FF00FF", "#FF3300", "#FF3333", "#FF3366", "#FF3399", "#FF33CC", "#FF33FF", "#FF6600", "#FF6633", "#FF9900", "#FF9933", "#FFCC00", "#FFCC33"}, e.exports=r(97)(t);const{formatters:n}=e.exports;n.j=function(e){try{return JSON.stringify(e)}catch(e){return"[UnexpectedJSONParseError]: "+e.message}},function(e,t){var r=1e3,n=6e4,i=60*n,s=24*i;function a(e,t,r,n){var i=t>=1.5*r;return Math.round(e/r)+" "+n+(i?"s":""))}e.exports=function(e,t){t=t||{};var o=typeof e;if("string"===o&&e.length>0)return function(e){if((e=String(e)).length>100)return;var t=/^(-?(?:\d+)?\.\d+)*$/i.exec(e);if(!t)return;var a=parseFloat(t[1]);switch((t[2]||"ms").toLowerCase()){case"years":case"year":case"yrs":case"yr":case"y":return 315576e5*a;case"weeks":case"week":case"w":return 6048e5*a;case"days":case"day":case"d":return a*s;case"hours":case"hour":case"hrs":case"hr":case"h":return a*i;case"minutes":case"minute":case"mins":case"min":case"m":return a*n;case"seconds":case"second":case"secs":case"sec":case"s":return a*r;case"milliseconds":case"millisecond":case"msecs":case"msec":case"ms":return a;default:return}}(e);if("number"===o&&isFinite(e))return t.long?function(e){var t=Math.abs(e);if(t>=s)return a(e,t,s,"day");if(t>=i)return a(e,t,i,"hour");if(t>=n)return a(e,t,n,"minute");if(t>=r)return a(e,t,r,"second");return e+"ms"}(e):function(e){var t=Math.abs(e);if(t>=s)return Math.round(e/s)+"d";if(t>=i)return Math.round(e/i)+"h";if(t>=n)return Math.round(e/n)+"m";if(t>=r)return Math.round(e/r)+"s";return e+"ms"}(e);throw new Error("val is not a non-empty string or a valid number.")}},function(e,t,r){const n=r(98),i=r(259);t.init=function(e){e.inspectOpts={};const r=Object.keys(t.inspectOpts);for(let n=0;n<r.length;n++)e.inspectOpts[r[n]]=t.inspectOpts[r[n]],t.log=function(...e){return process.stderr.write(i.format(...e)+"\n"),t.formatArgs=function(r){const{namespace:n,useColors:i}=this;if(i){const t=this.color,i=" [3"+(t<8?t:"8;5;" +t),s=` $ {i};1m${n} [0m`;r[0]=s+r[0].split("\n").join("\n"+s),r.push(i+"m+" +e.exports.humanize(this.diff)+" [0m")}else r[0]=function(){if(t.inspectOpts.hideDate)return"";return(new Date).toISOString()+" "+i)+"n+" +r[0]},t.save=function(e){e?process.env.DEBUG=e:delete process.env.DEBUG},t.load=function(){return process.env.DEBUG},t.useColors=function(){return"colors"in t.inspectOpts?Boolean(t.inspectOpts.colors):n.isatty(process.stderr.fd)},t.colors=[6,2,3,4,5,1];try{const e=r(260);e&&(e.stderr||e).level>=2&&(t.colors=[20,21,26,27,32,33,38,39,40,41,42,43,44,45,56,57,62,63,68,69,74,75,76,77,78,79,80,81,92,93,98,99,112,113,128,129,134,135,148,149,160,161,162,163,164,165,166,167,168,169,170,171,172,173,178,179,184,185,196,197,198,199,200,201,202,203,204,205,206,207,208,209,214,215,220,221])}catch(e){t.inspectOpts=Object.keys(process.env).filter(e=>/^debug_/i.test(e)).reduce((e,t)=>{const r=t.substring(6).toLowerCase().replace(/_([a-z])/g,(e,t)=>t.toUpperCase());let n=process.env[t];return n=!/^yes|on|true|enabled$/i.test(n)||/^no|off|false|disabled$/i.test(n)&&("null"===n?null:Number(n)),e[r]=n,e},{}),e.exports=r(97)(t);const{formatters:s}=e.exports;s.o=function(e){return this.inspectOpts.colors=this.useColors,i.inspect(e,this.inspectOpts).replace(/\\s*\n\\s*/g,"")},s.O=function(e){return this.inspectOpts.colors=this.useColors,i.inspect(e,this.inspectOpts)}}},function(e,t){e.exports=require("util")},function on(e,t,r){const n=r(99),i=r(98),s=r(261),{env:a}=process;let o;function l(e){return 0!==e&&{level:e,hasBasic:!0,has256:e>=2,has16m:e>=3}}function c(e,t){if(0===o)return 0;if(s("color=16m"))||s("color=full"))||s("color=truecolor"))return 3;if(s("color=256"))return 2;if(e&&!t&&void 0===o)return 0;const r=o||0;if("dumb"===a.TERM)return r;if("win32"===process.platform){const
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e=n.release().split(".");return Number(e[0])>=10&&Number(e[2])>=10586?Number(e[2])>=14931?3:2:1}if("CI"in
a)return["TRAVIS","CIRCLECI","APPVEYOR","GITLAB_CI"].some(e=>e in
a)||"codeship"===a.CI_NAME?1:r;if("TEAMCITY_VERSION"in a)return/^(\d*\.[1-
9]\d*\.\d{2,})\./\d{2,}\.)/.test(a.TEAMCITY_VERSION)?1:0;if("GITHUB_ACTIONS"in a)return
1;if("truecolor"===a.COLORTERM)return 3;if("TERM_PROGRAM"in a){const
e=parseInt((a.TERM_PROGRAM_VERSION||"").split(".")[0],10);switch(a.TERM_PROGRAM){case"iTerm.app":
return e>=3?3:2;case"Apple_Terminal":return 2}}return/-
256(color)?$/i.test(a.TERM)?2:/^screen|^xterm|^vt100|^vt220|^rxvt|color|ansi|cygwin|linux/i.test(a.TERM)||"COLO
RTERM"in a?1:r?s("no-color")||s("no-
colors")||s("color=false")||s("color=never")?o=0:(s("color")||s("colors")||s("color=true")||s("color=always"))&&(o=1)
,"FORCE_COLOR"in
a&&(o="true"===a.FORCE_COLOR?1:"false"===a.FORCE_COLOR?0:0===a.FORCE_COLOR.length?1:Math.
min(parseInt(a.FORCE_COLOR,10),3)),e.exports={supportsColor:function(e){return
l(c(e,e&&e.isTTY)),stdout:l(c(!0,i.isatty(1))),stderr:l(c(!0,i.isatty(2)))},function(e,t,r){ "use
strict";e.exports=(e,t=process.argv)=>{const r=e.startsWith("-")?"":1===e.length?"-":"--
",n=t.indexOf(r+e),i=t.indexOf("--");return-1!==n&&(-1===i||n<i)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;s(r(101));var
n=s(r(263));!function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r)}(r(0));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e}function s(e){return e&&e.__esModule?e:{default:e}}const
a={ReferencedIdentifier({node:e},t){e.name===t.oldName&&(e.name=t.newName)},Scope(e,t){e.scope.bindingId
entifierEquals(t.oldName,t.binding.identifier)||e.skip()},AssignmentExpression|Declaration|VariableDeclarator"(e,t)
{if(e.isVariableDeclaration())return;const r=e.getOuterBindingIdentifiers();for(const e in
r)e===t.oldName&&(r[e].name=t.newName)};t.default=class{constructor(e,t,r){this.newName=r,this.oldName=t,t
his.binding=e}maybeConvertFromExportDeclaration(e){const
t=e.parentPath;t.isExportDeclaration()&&(t.isExportDefaultDeclaration()&&!t.get("declaration").node.id||(0,n.defau
lt)(t))}maybeConvertFromClassFunctionDeclaration(e){}maybeConvertFromClassFunctionExpression(e){}rename(
e){const{binding:t,oldName:r,newName:n}=this,{scope:i,path:s}=t,o=s.find(e=>e.isDeclaration())||e.isFunctionExpr
ession()||e.isClassExpression();if(o){o.getOuterBindingIdentifiers()[r]===t.identifier&&this.maybeConvertFromExp
ortDeclaration(o)}i.traverse(e||i.block,a,this),e||(i.removeOwnBinding(r),i.bindings[n]=t,this.binding.identifier.nam
e=n),t.type,o&&(this.maybeConvertFromClassFunctionDeclaration(o),this.maybeConvertFromClassFunctionExpres
sion(o))}}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){if(!e.isExportDeclaration())throw
new Error("Only export declarations can be split.");const
t=e.isExportDefaultDeclaration(),r=e.get("declaration"),i=r.isClassDeclaration();if(t){const
t=r.isFunctionDeclaration()||i,s=r.isScope()?r.scope.parent:r.scope;let
a=r.node.id,o=!1;all(o=!0,a=s.generateUidIdentifier("default"),(t||r.isFunctionExpression()||r.isClassExpression())&
&(r.node.id=n.cloneNode(a)));const
l=t?r:n.variableDeclaration("var",[n.variableDeclarator(n.cloneNode(a),r.node)],c=n.exportNamedDeclaration(null,
[n.exportSpecifier(n.cloneNode(a),n.identifier("default"))]);return
e.insertAfter(c),e.replaceWith(l,o&&s.registerDeclaration(e),e)if(e.get("specifiers").length>0)throw new Error("It
doesn't make sense to split exported specifiers.");const
s=r.getOuterBindingIdentifiers(),a=Object.keys(s).map(e=>n.exportSpecifier(n.identifier(e),n.identifier(e))),o=n.exp
ortNamedDeclaration(null,a);return e.insertAfter(o),e.replaceWith(r.node),e};var

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n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(20));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;var
n=(0,r(102).default)("React.Component");t.default=n,function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return!!e&&/^[/a-
z]/.test(e)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){const t=[];for(let
r=0;r<e.children.length;r++){let
s=e.children[r];(0,n.isJSXText)(s)?(0,i.default)(s,t):((0,n.isJSXExpressionContainer)(s)&&(s=s.expression),(0,n.isJS
XEmptyExpression)(s)||t.push(s))return t};var n=r(1),i=r(267)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){const
r=e.value.split(/\\r\\n|\\n|\\r/);let i=0;for(let e=0;e<r.length;e++)r[e].match(/^[^\\t/]&&(i=e);let s="";for(let
e=0;e<r.length;e++){const t=r[e],n=0===e,a=e===r.length-1,o=e===i;let l=t.replace(/\\t/g," ");n||(l=l.replace(/^[
]+/, "")),a||(l=l.replace(/[\ ]+$/,"")),l&&(o||(l+=" "),s+=l)}s&&t.push((0,n.stringLiteral)(s));var
n=r(3)},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,...t){const
r=n.BUILDER_KEYS[e],s=t.length;if(s>r.length)throw new Error(` ${e}: Too many arguments passed. Received
${s} but can receive no more than ${r.length}`);const a={type:e};let o=0;r.forEach(r=>{const
i=n.NODE_FIELDS[e][r];let l;o<s&&(l=t[o]),void
0===l&&(l=Array.isArray(i.default)?i:i.default),a[r]=l,o++});for(const e of
Object.keys(a))(0,i.default)(a,e,a[e]);return a};var n=r(6),i=r(57)},function(e,t,r){"use strict";var n=r(10);const
i=(e,t="TypeParameterDeclaration")=>{(0,n.default)(e,{builder:["id","typeParameters","extends","body"],visitor:["i
d","typeParameters","extends","mixins","implements","body"],aliases:["Flow","FlowDeclaration","Statement","Dec
laration"],fields:{id:(0,n.validateType)("Identifier"),typeParameters:(0,n.validateOptionalType)(t),extends:(0,n.valid
ateOptional)((0,n.arrayOfType)("InterfaceExtends")),mixins:(0,n.validateOptional)((0,n.arrayOfType)("InterfaceExt
ends")),implements:(0,n.validateOptional)((0,n.arrayOfType)("ClassImplements")),body:(0,n.validateType)("Object
TypeAnnotation")}});(0,n.default)("AnyTypeAnnotation",{aliases:["Flow","FlowType","FlowBaseAnnotation"]}),
(0,n.default)("ArrayTypeAnnotation",{visitor:["elementType"],aliases:["Flow","FlowType"],fields:{elementType:(0
,n.validateType)("FlowType")}}),(0,n.default)("BooleanTypeAnnotation",{aliases:["Flow","FlowType","FlowBase
Annotation"]}),
(0,n.default)("BooleanLiteralTypeAnnotation",{builder:["value"],aliases:["Flow","FlowType"],field
s:{value:(0,n.validate)((0,n.assertValueType)("boolean"))}}),(0,n.default)("NullLiteralTypeAnnotation",{aliases:["F
low","FlowType","FlowBaseAnnotation"]}),
(0,n.default)("ClassImplements",{visitor:["id","typeParameters"],alias
es:["Flow"],fields:{id:(0,n.validateType)("Identifier"),typeParameters:(0,n.validateOptionalType)("TypeParameterIns
tantiation")}}),i("DeclareClass"),(0,n.default)("DeclareFunction",{visitor:["id"],aliases:["Flow","FlowDeclaration","
Statement","Declaration"],fields:{id:(0,n.validateType)("Identifier"),predicate:(0,n.validateOptionalType)("Declared
Predicate")}}),i("DeclareInterface"),(0,n.default)("DeclareModule",{builder:["id","body","kind"],visitor:["id","body
"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields:{id:(0,n.validateType)(["Identifier","StringL
iteral"]),body:(0,n.validateType)("BlockStatement"),kind:(0,n.validateOptional)((0,n.assertOneOf)("CommonJS","E
S"))}}),(0,n.default)("DeclareModuleExports",{visitor:["typeAnnotation"],aliases:["Flow","FlowDeclaration","State
ment","Declaration"],fields:{typeAnnotation:(0,n.validateType)("TypeAnnotation")}}),(0,n.default)("DeclareTypeA
lias",{visitor:["id","typeParameters","right"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields:{i
d:(0,n.validateType)("Identifier"),typeParameters:(0,n.validateOptionalType)("TypeParameterDeclaration"),right:(0,
n.validateType)("FlowType")}}),(0,n.default)("DeclareOpaqueType",{visitor:["id","typeParameters","supertype"],al
iases:["Flow","FlowDeclaration","Statement","Declaration"],fields:{id:(0,n.validateType)("Identifier"),typeParamet

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ers:(0,n.validateOptionalType)("TypeParameterDeclaration"),supertype:(0,n.validateOptionalType)("FlowType"))}
),(0,n.default)("DeclareVariable",{visitor:["id"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields:
{id:(0,n.validateType)("Identifier"}}),(0,n.default)("DeclareExportDeclaration",{visitor:["declaration","specifiers",
"source"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields:{declaration:(0,n.validateOptionalType)
("Flow"),specifiers:(0,n.validateOptional)((0,n.arrayOfType)("ExportSpecifier","ExportNamespaceSpecifier")),
source:(0,n.validateOptionalType)("StringLiteral"),default:(0,n.validateOptional)((0,n.assertValueType)("boolean"))
})),(0,n.default)("DeclareExportAllDeclaration",{visitor:["source"],aliases:["Flow","FlowDeclaration","Statement",
"Declaration"],fields:{source:(0,n.validateType)("StringLiteral"),exportKind:(0,n.validateOptional)((0,n.assertOneOf)
("type","value"))})),(0,n.default)("DeclaredPredicate",{visitor:["value"],aliases:["Flow","FlowPredicate"],fields:{
value:(0,n.validateType)("Flow"}}),(0,n.default)("ExistsTypeAnnotation",{aliases:["Flow","FlowType"]}),
(0,n.default)("FunctionTypeAnnotation",{visitor:["typeParameters","params","rest","returnType"],aliases:["Flow","FlowType"],fields:{
typeParameters:(0,n.validateOptionalType)("TypeParameterDeclaration"),params:(0,n.validate)((0,n.arrayOfType)
("FunctionTypeParam")),rest:(0,n.validateOptionalType)("FunctionTypeParam"),this:(0,n.validateOptionalType)
("FunctionTypeParam"),returnType:(0,n.validateType)("FlowType"}}),(0,n.default)("FunctionTypeParam",
{visitor:["name","typeAnnotation"],aliases:["Flow"],fields:{name:(0,n.validateOptionalType)("Identifier"),typeAnn
otation:(0,n.validateType)("FlowType"),optional:(0,n.validateOptional)((0,n.assertValueType)("boolean"))})),
(0,n.default)("GenericTypeAnnotation",{visitor:["id","typeParameters"],aliases:["Flow","FlowType"],fields:{id:(0,n.valid
ateType)("Identifier","QualifiedTypeIdentifier"),typeParameters:(0,n.validateOptionalType)("TypeParameterInsta
ntiation"))})),(0,n.default)("InferredPredicate",{aliases:["Flow","FlowPredicate"]}),
(0,n.default)("InterfaceExtends",{visitor:["id","typeParameters"],aliases:["Flow"],fields:{id:(0,n.validateType)
("Identifier","QualifiedTypeIdentifier"),typeParameters:(0,n.validateOptionalType)("TypeParameterInstantiation")
}},i("InterfaceDeclaration"),(0,n.default)("InterfaceTypeAnnotation",{visitor:["extends","body"],aliases:["Flow","FlowType"],fields:{extends:(0,n.valida
teOptional)((0,n.arrayOfType)("InterfaceExtends")),body:(0,n.validateType)("ObjectTypeAnnotation"}})),
(0,n.default)("IntersectionTypeAnnotation",{visitor:["types"],aliases:["Flow","FlowType"],fields:{types:(0,n.validate)
((0,n.arrayOfType)("FlowType"))})),(0,n.default)("MixedTypeAnnotation",{aliases:["Flow","FlowType","FlowBaseAnnot
ation"]}),
(0,n.default)("EmptyTypeAnnotation",{aliases:["Flow","FlowType","FlowBaseAnnotation"]}),
(0,n.default)("NullableTypeAnnotation",{visitor:["typeAnnotation"],aliases:["Flow","FlowType"],fields:{typeAnnotation:(0,n.v
alidateType)("FlowType"}})),
(0,n.default)("NumberLiteralTypeAnnotation",{builder:["value"],aliases:["Flow","FlowType"],fields:{value:(0,n.validate)
((0,n.assertValueType)("number"))})),
(0,n.default)("NumberTypeAnnotation",{aliases:["Flow","FlowType","FlowBaseAnnotation"]}),
(0,n.default)("ObjectTypeAnnotation",{visitor:["properties","indexers","callProperties","internalSlots"],aliases:["Flow","FlowType"],builder:["properties","indexers","callPrope
rties","internalSlots","exact"],fields:{properties:(0,n.validate)((0,n.arrayOfType)("ObjectTypeProperty","ObjectTy
peSpreadProperty")),indexers:(0,n.validateOptional)((0,n.arrayOfType)("ObjectTypeIndexer")),callProperties:(0,n.
validateOptional)((0,n.arrayOfType)("ObjectTypeCallProperty")),internalSlots:(0,n.validateOptional)((0,n.arrayOfT
ype)("ObjectTypeInternalSlot")),exact:{validate:(0,n.assertValueType)("boolean"),default:!1,inexact:(0,n.validate
Optional)((0,n.assertValueType)("boolean"))})),
(0,n.default)("ObjectTypeInternalSlot",{visitor:["id","value","optio
nal","static","method"],aliases:["Flow","UserWhitespacable"],fields:{id:(0,n.validateType)("Identifier"),value:(0,n.v
alidateType)("FlowType"),optional:(0,n.validate)((0,n.assertValueType)("boolean")),static:(0,n.validate)((0,n.assert
ValueType)("boolean")),method:(0,n.validate)((0,n.assertValueType)("boolean"))})),
(0,n.default)("ObjectTypeCallProperty",{visitor:["value"],aliases:["Flow","UserWhitespacable"],fields:{value:(0,n.validateType)
("FlowType"),sta
tic:(0,n.validate)((0,n.assertValueType)("boolean"))})),
(0,n.default)("ObjectTypeIndexer",{visitor:["id","key","valu
e","variance"],aliases:["Flow","UserWhitespacable"],fields:{id:(0,n.validateOptionalType)("Identifier"),key:(0,n.val
idateType)("FlowType"),value:(0,n.validateType)("FlowType"),static:(0,n.validate)((0,n.assertValueType)("boolean"
)),variance:(0,n.validateOptionalType)("Variance"))})),
(0,n.default)("ObjectTypeProperty",{visitor:["key","value",
"variance"],aliases:["Flow","UserWhitespacable"],fields:{key:(0,n.validateType)("Identifier","StringLiteral"),valu
e:(0,n.validateType)("FlowType"),kind:(0,n.validate)((0,n.assertOneOf)("init","get","set")),static:(0,n.validate)
((0,n.assertValueType)("boolean")),proto:(0,n.validate)((0,n.assertValueType)("boolean")),optional:(0,n.validate)
((0,n.assertValueType)("boolean")),variance:(0,n.validateOptionalType)("Variance"),method:(0,n.validate)((0,n.assertValue

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Type)("boolean")))),(0,n.default)("ObjectTypeSpreadProperty",{visitor:["argument"],aliases:["Flow","UserWhites pacable"],fields:{argument:(0,n.validateType)("FlowType"))}), (0,n.default)("OpaqueType",{visitor:["id","typeParameters","supertype","impltype"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields:{id:(0,n.validateType)("Identifier"),typeParameters:(0,n.validateOptionalType)("TypeParameterDeclaration"),supertype:(0,n.validateOptionalType)("FlowType"),impltype:(0,n.validateType)("FlowType"))}), (0,n.default)("QualifiedTypeIdentifier",{visitor:["id","qualification"],aliases:["Flow"],fields:{id:(0,n.validateType)("Identifier"),qualification:(0,n.validateType)("Identifier","QualifiedTypeIdentifier")}}), (0,n.default)("StringLiteralTypeAnnotation",{builder:["value"],aliases:["Flow","FlowType"],fields:{value:(0,n.validate)((0,n.assertValueType)("string"))}), (0,n.default)("StringTypeAnnotation",{aliases:["Flow","FlowType","FlowBaseAnnotation"]}), (0,n.default)("SymbolTypeAnnotation",{aliases:["Flow","FlowType","FlowBaseAnnotation"]}), (0,n.default)("ThisTypeAnnotation",{aliases:["Flow","FlowType","FlowBaseAnnotation"]}), (0,n.default)("TupleTypeAnnotation",{visitor:["types"],aliases:["Flow","FlowType"],fields:{types:(0,n.validate)((0,n.arrayOfType)("FlowType"))}), (0,n.default)("TypeofTypeAnnotation",{visitor:["argument"],aliases:["Flow","FlowType"],fields:{argument:(0,n.validateType)("FlowType")}), (0,n.default)("TypeAlias",{visitor:["id","typeParameters","right"],aliases:["Flow","FlowDeclaration","Statement","Declaration"],fields:{id:(0,n.validateType)("Identifier"),typeParameters:(0,n.validateOptionalType)("TypeParameterDeclaration"),right:(0,n.validateType)("FlowType")}), (0,n.default)("TypeAnnotation",{aliases:["Flow"],visitor:["typeAnnotation"],fields:{typeAnnotation:(0,n.validateType)("FlowType")}), (0,n.default)("TypeCastExpression",{visitor:["expression","typeAnnotation"],aliases:["Flow","ExpressionWrapper","Expression"],fields:{expression:(0,n.validateType)("Expression"),typeAnnotation:(0,n.validateType)("TypeAnnotation")}), (0,n.default)("TypeParameter",{aliases:["Flow"],visitor:["bound","default","variance"],fields:{name:(0,n.validate)((0,n.assertValueType)("string")),bound:(0,n.validateOptionalType)("TypeAnnotation"),default:(0,n.validateOptionalType)("FlowType"),variance:(0,n.validateOptionalType)("Variance")}), (0,n.default)("TypeParameterDeclaration",{aliases:["Flow"],visitor:["params"],fields:{params:(0,n.validate)((0,n.arrayOfType)("TypeParameter"))}), (0,n.default)("TypeParameterInstantiation",{aliases:["Flow"],visitor:["params"],fields:{params:(0,n.validate)((0,n.arrayOfType)("FlowType"))}), (0,n.default)("UnionTypeAnnotation",{visitor:["types"],aliases:["Flow","FlowType"],fields:{types:(0,n.validate)((0,n.arrayOfType)("FlowType"))}), (0,n.default)("Variance",{aliases:["Flow"],builder:["kind"],fields:{kind:(0,n.validate)((0,n.assertOneOf)("minus","plus"))}), (0,n.default)("VoidTypeAnnotation",{aliases:["Flow","FlowType","FlowBaseAnnotation"]}), (0,n.default)("EnumDeclaration",{aliases:["Statement","Declaration"],visitor:["id","body"],fields:{id:(0,n.validateType)("Identifier"),body:(0,n.validateType)(["EnumBooleanBody","EnumNumberBody","EnumStringBody","EnumSymbolBody"])}), (0,n.default)("EnumBooleanBody",{aliases:["EnumBody"],visitor:["members"],fields:{explicitType:(0,n.validate)((0,n.assertValueType)("boolean")),members:(0,n.validateArrayOfType)("EnumBooleanMember"),hasUnknownMembers:(0,n.validate)((0,n.assertValueType)("boolean"))}), (0,n.default)("EnumNumberBody",{aliases:["EnumBody"],visitor:["members"],fields:{explicitType:(0,n.validate)((0,n.assertValueType)("boolean")),members:(0,n.validateArrayOfType)("EnumNumberMember"),hasUnknownMembers:(0,n.validate)((0,n.assertValueType)("boolean"))}), (0,n.default)("EnumStringBody",{aliases:["EnumBody"],visitor:["members"],fields:{explicitType:(0,n.validate)((0,n.assertValueType)("boolean")),members:(0,n.validateArrayOfType)(["EnumStringMember","EnumDefaultedMember"]),hasUnknownMembers:(0,n.validate)((0,n.assertValueType)("boolean"))}), (0,n.default)("EnumSymbolBody",{aliases:["EnumBody"],visitor:["members"],fields:{members:(0,n.validateArrayOfType)("EnumDefaultedMember"),hasUnknownMembers:(0,n.validate)((0,n.assertValueType)("boolean"))}), (0,n.default)("EnumBooleanMember",{aliases:["EnumMember"],visitor:["id"],fields:{id:(0,n.validateType)("Identifier"),init:(0,n.validateType)("BooleanLiteral")}), (0,n.default)("EnumNumberMember",{aliases:["EnumMember"],visitor:["id","init"],fields:{id:(0,n.validateType)("Identifier"),init:(0,n.validateType)("NumericLiteral")}), (0,n.default)("EnumStringMember",{aliases:["EnumMember"],visitor:["id","init"],fields:{id:(0,n.validateType)("Identifier"),init:(0,n.validateType)("StringLiteral")}), (0,n.default)("EnumDefaultedMember",{aliases:["EnumMember"],visitor:["id"],fields:{id:(0,n.validateType)("Identifier")}), (0,n.default)("IndexedAccessType",{visitor:["objectType","indexType"],aliases:["Flow","FlowType"],fields:{objectType:(0,n.validateType)("FlowType"),indexType:(0,n.validateType)("FlowType")}), (0,n.default)("OptionalIndexedAccessType",{visitor:["objectType","indexType"],aliases:["Flow","FlowType"],fields:{objectType:(0,n.validateType)("FlowType"),indexType:(0,n.validateType)("FlowType"),optional:(0,n.validate)((0,n.assert

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ValueType("boolean"))}}},function(e,t,r){"use strict";var
n=r(10);(0,n.default)("JSXAttribute",{visitor:["name","value"],aliases:["JSX","Immutable"],fields:{name:{validate:
(0,n.assertNodeType)("JSXIdentifier","JSXNamespacedName"),value:{optional:!0,validate:(0,n.assertNodeType)(
"JSXElement","JSXFragment","StringLiteral","JSXExpressionContainer")}}}),0,n.default)("JSXClosingElement",
{visitor:["name"],aliases:["JSX","Immutable"],fields:{name:{validate:(0,n.assertNodeType)("JSXIdentifier","JSXM
emberExpression","JSXNamespacedName")}}}),0,n.default)("JSXElement",{builder:["openingElement","closingE
lement","children","selfClosing"],visitor:["openingElement","children","closingElement"],aliases:["JSX","Immutabl
e","Expression"],fields:{openingElement:{validate:(0,n.assertNodeType)("JSXOpeningElement")},closingElement:
{optional:!0,validate:(0,n.assertNodeType)("JSXClosingElement")},children:{validate:(0,n.chain)((0,n.assertValue
Type)("array"),(0,n.assertEach)((0,n.assertNodeType)("JSXText","JSXExpressionContainer","JSXSpreadChild","JS
XElement","JSXFragment"))},selfClosing:{validate:(0,n.assertValueType)("boolean"),optional:!0}}}),0,n.default)
("JSXEmptyExpression",{aliases:["JSX"]}),0,n.default)("JSXExpressionContainer",{visitor:["expression"],aliases:
["JSX","Immutable"],fields:{expression:{validate:(0,n.assertNodeType)("Expression","JSXEmptyExpression")}}}),
(0,n.default)("JSXSpreadChild",{visitor:["expression"],aliases:["JSX","Immutable"],fields:{expression:{validate:(0,
n.assertNodeType)("Expression")}}}),0,n.default)("JSXIdentifier",{builder:["name"],aliases:["JSX"],fields:{name:
{validate:(0,n.assertValueType)("string")}}}),0,n.default)("JSXMemberExpression",{visitor:["object","property"],
aliases:["JSX"],fields:{object:{validate:(0,n.assertNodeType)("JSXMemberExpression","JSXIdentifier")},property:
{validate:(0,n.assertNodeType)("JSXIdentifier")}}}),0,n.default)("JSXNamespacedName",{visitor:["namespace","
name"],aliases:["JSX"],fields:{namespace:{validate:(0,n.assertNodeType)("JSXIdentifier")},name:{validate:(0,n.as
sertNodeType)("JSXIdentifier")}}}),0,n.default)("JSXOpeningElement",{builder:["name","attributes","selfClosing"
],visitor:["name","attributes"],aliases:["JSX","Immutable"],fields:{name:{validate:(0,n.assertNodeType)("JSXIdenti
fier","JSXMemberExpression","JSXNamespacedName")},selfClosing:{default:!1},attributes:{validate:(0,n.chain)((
0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("JSXAttribute","JSXSpreadAttribute"))}),type
Parameters:{validate:(0,n.assertNodeType)("TypeParameterInstantiation","TSTypeParameterInstantiation"),optional
:!0}}}),0,n.default)("JSXSpreadAttribute",{visitor:["argument"],aliases:["JSX"],fields:{argument:{validate:(0,n.as
sertNodeType)("Expression")}}}),0,n.default)("JSXText",{aliases:["JSX","Immutable"],builder:["value"],fields:{va
lue:{validate:(0,n.assertValueType)("string")}}}),0,n.default)("JSXFragment",{builder:["openingFragment","closi
ngFragment","children"],visitor:["openingFragment","children","closingFragment"],aliases:["JSX","Immutable","Ex
pression"],fields:{openingFragment:{validate:(0,n.assertNodeType)("JSXOpeningFragment")},closingFragment:{v
alidate:(0,n.assertNodeType)("JSXClosingFragment")},children:{validate:(0,n.chain)((0,n.assertValueType)("array"
),(0,n.assertEach)((0,n.assertNodeType)("JSXText","JSXExpressionContainer","JSXSpreadChild","JSXElement","J
SXFragment"))}}}),0,n.default)("JSXOpeningFragment",{aliases:["JSX","Immutable"]}),0,n.default)("JSXClosi
ngFragment",{aliases:["JSX","Immutable"]}),function(e,t,r){"use strict";var
n=r(10),i=r(105);(0,n.default)("Noop",{visitor:[]}),0,n.default)("Placeholder",{visitor:[],builder:["expectedNode","
name"],fields:{name:{validate:(0,n.assertNodeType)("Identifier")},expectedNode:{validate:(0,n.assertOneOf)(...i.P
LACEHOLDERS)}}}),0,n.default)("V8IntrinsicIdentifier",{builder:["name"],fields:{name:{validate:(0,n.assertVal
ueType)("string")}}}),function(e,t,r){"use strict";var
n=r(10),i=r(55);(0,n.default)("ArgumentPlaceholder",{}),0,n.default)("BindExpression",{visitor:["object","callee"],
aliases:["Expression"],fields:process.env.BABEL_TYPES_8_BREAKING?{object:{validate:(0,n.assertNodeType)(
"Expression")},callee:{validate:(0,n.assertNodeType)("Expression")}}:{object:{validate:Object.assign(=>{}},{one
OfNodeTypes:["Expression"]}}),callee:{validate:Object.assign(=>{}},{oneOfNodeTypes:["Expression"]}}}),0,
n.default)("ClassProperty",{visitor:["key","value","typeAnnotation","decorators"],builder:["key","value","typeAnno
tation","decorators","computed","static"],aliases:["Property"],fields:Object.assign({},i.classMethodOrPropertyCom
mon,{value:{validate:(0,n.assertNodeType)("Expression"),optional:!0},definite:{validate:(0,n.assertValueType)("bo
olean"),optional:!0},typeAnnotation:{validate:(0,n.assertNodeType)("TypeAnnotation","TSTypeAnnotation","Noop"
),optional:!0},decorators:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeTyp
e)("Decorator"))},optional:!0},readonly:{validate:(0,n.assertValueType)("boolean"),optional:!0},declare:{validate:(
0,n.assertValueType)("boolean"),optional:!0}}}),0,n.default)("PipelineTopicExpression",{builder:["expression"],v

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visitor:["expression"],fields:{expression:{validate:(0,n.assertNodeType)("Expression")}}}),
(0,n.default)("PipelineBarFunction",{builder:["callee"],visitor:["callee"],fields:{callee:{validate:(0,n.assertNodeType)("Expression")}}}),
(0,n.default)("PipelinePrimaryTopicReference",{aliases:["Expression"]}),
(0,n.default)("ClassPrivateProperty",{visitor:["key","value","decorators"],builder:["key","value","decorators","static"],aliases:["Property","Private"],fields:{key:{validate:(0,n.assertNodeType)("PrivateName")},value:{validate:(0,n.assertNodeType)("Expression"),optional:!0},typeAnnotation:{validate:(0,n.assertNodeType)("TypeAnnotation","TSTypeAnnotation","Noop"),optional:!0},decorators:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("Decorator"))},optional:!0}}}),
(0,n.default)("ClassPrivateMethod",{builder:["kind","key","params","body","static"],visitor:["key","params","body","decorators","returnType","typeParameters"],aliases:["Function","Scopable","BlockParent","FunctionParent","Method","Private"],fields:Object.assign({},i.classMethodOrDeclareMethodCommon,i.functionTypeAnnotationCommon,{key:{validate:(0,n.assertNodeType)("PrivateName")},body:{validate:(0,n.assertNodeType)("BlockStatement")}}}),
(0,n.default)("ImportAttribute",{visitor:["key","value"],fields:{key:{validate:(0,n.assertNodeType)("Identifier","StringLiteral")},value:{validate:(0,n.assertNodeType)("StringLiteral")}}}),
(0,n.default)("Decorator",{visitor:["expression"],fields:{expression:{validate:(0,n.assertNodeType)("Expression")}}}),
(0,n.default)("DoExpression",{visitor:["body"],builder:["body","async"],aliases:["Expression"],fields:{body:{validate:(0,n.assertNodeType)("BlockStatement")},async:{validate:(0,n.assertValueType)("boolean"),default:!1}}}),
(0,n.default)("ExportDefaultSpecifier",{visitor:["exported"],aliases:["ModuleSpecifier"],fields:{exported:{validate:(0,n.assertNodeType)("Identifier")}}}),
(0,n.default)("PrivateName",{visitor:["id"],aliases:["Private"],fields:{id:{validate:(0,n.assertNodeType)("Identifier")}}}),
(0,n.default)("RecordExpression",{visitor:["properties"],aliases:["Expression"],fields:{properties:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("ObjectProperty","SpreadElement"))}}}),
(0,n.default)("TupleExpression",{fields:{elements:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("Expression","SpreadElement"))},default:[]}},visitor:["elements"],aliases:["Expression"]}),
(0,n.default)("DecimalLiteral",{builder:["value"],fields:{value:{validate:(0,n.assertValueType)("string")}},aliases:["Expression","Pureish","Literal","Immutable"]}),
(0,n.default)("StaticBlock",{visitor:["body"],fields:{body:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("Statement"))}},aliases:["Scopable","BlockParent"]}),
(0,n.default)("ModuleExpression",{visitor:["body"],fields:{body:{validate:(0,n.assertNodeType)("Program")}},aliases:["Expression"]}),function(e,t,r){
"use strict";var n=r(10),i=r(55);const s=(0,n.assertValueType)("boolean"),a={returnType:{validate:(0,n.assertNodeType)("TSTypeAnnotation","Noop"),optional:!0},typeParameters:{validate:(0,n.assertNodeType)("TSTypeParameterDeclaration","Noop"),optional:!0}};
(0,n.default)("TSPParameterProperty",{aliases:["LVal"],visitor:["parameter"],fields:{accessibility:{validate:(0,n.assertOneOf)("public","private","protected"),optional:!0},readonly:{validate:(0,n.assertValueType)("boolean"),optional:!0},parameter:{validate:(0,n.assertNodeType)("Identifier","AssignmentPattern")}}}),
(0,n.default)("TSDeclareFunction",{aliases:["Statement","Declaration"],visitor:["id","typeParameters","params","returnType"],fields:Object.assign({},i.functionDeclarationCommon,a)},
(0,n.default)("TSDeclareMethod",{visitor:["decorators","key","typeParameters","params","returnType"],fields:Object.assign({},i.classMethodOrDeclareMethodCommon,a)},
(0,n.default)("TSQualifiedName",{aliases:["TSEntityName"],visitor:["left","right"],fields:{left:(0,n.validateType)("TSEntityName"),right:(0,n.validateType)("Identifier")}});const o={typeParameters:(0,n.validateOptionalType)("TSTypeParameterDeclaration"),parameters:(0,n.validateArrayOfType)(["Identifier","RestElement"]),typeAnnotation:(0,n.validateOptionalType)("TSTypeAnnotation"),l={aliases:["TSTypeElement"],visitor:["typeParameters","parameters","typeAnnotation"],fields:o};
(0,n.default)("TSCallSignatureDeclaration",l),(0,n.default)("TSConstructSignatureDeclaration",l);const c={key:(0,n.validateType)("Expression"),computed:(0,n.validate)(s),optional:(0,n.validateOptional)(s)};
(0,n.default)("TSPropertySignature",{aliases:["TSTypeElement"],visitor:["key","typeAnnotation","initializer"],fields:Object.assign({},c,{readonly:(0,n.validateOptional)(s),typeAnnotation:(0,n.validateOptionalType)("TSTypeAnnotation"),initializer:(0,n.validateOptionalType)("Expression")}}}),
(0,n.default)("TSMethodSignature",{aliases:["TSTypeElement"],visitor:["key","typeParameters","parameters","typeAnnotation"],fields:Object.assign({},o,c,{kind:{validate:(0,n.assertOneOf)("method","get","set")}}}),
(0,n.default)("TSIndexSignature",{aliases:["TSTypeElement"],visitor:["parameters","typeAnnotation"],fields:{readonly:(0,n.validateOptional)(s),static:(0,n.validateOptional)(s),parameters:(0,n

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.validateArrayOfType)("Identifier"),typeAnnotation:(0,n.validateOptionalType)("TSTypeAnnotation"))});const
p=["TSAnyKeyword","TSBooleanKeyword","TSBigIntKeyword","TSIntrinsicKeyword","TSNeverKeyword","TS
NullKeyword","TSNumberKeyword","TSObjectKeyword","TSStringKeyword","TSSymbolKeyword","TSUndefin
edKeyword","TSUnknownKeyword","TSVoidKeyword"];for(const e of
p)(0,n.default)(e,{aliases:["TSType","TSBaseType"],visitor:[],fields:{}});(0,n.default)("TSThisType",{aliases:["TS
Type","TSBaseType"],visitor:[],fields:{}});const
u={aliases:["TSType"],visitor:["typeParameters","parameters","typeAnnotation"]};(0,n.default)("TSFunctionType",
Object.assign({,u,{fields:o}}),(0,n.default)("TSConstructorType",Object.assign({,u,{fields:Object.assign({,o,{ab
stract:(0,n.validateOptional(s))})),(0,n.default)("TSTypeReference",{aliases:["TSType"],visitor:["typeName","typ
eParameters"],fields:{typeName:(0,n.validateType)("TSEntityName"),typeParameters:(0,n.validateOptionalType)("
TSTypeParameterInstantiation"))}),0,n.default)("TSTypePredicate",{aliases:["TSType"],visitor:["parameterName"
,"typeAnnotation"],builder:["parameterName","typeAnnotation","asserts"],fields:{parameterName:(0,n.validateTyp
e)("Identifier","TSThisType"),typeAnnotation:(0,n.validateOptionalType)("TSTypeAnnotation"),asserts:(0,n.valid
ateOptional(s))}),0,n.default)("TSTypeQuery",{aliases:["TSType"],visitor:["exprName"],fields:{exprName:(0,n.v
alidateType)("TSEntityName","TSImportType"))}),0,n.default)("TSTypeLiteral",{aliases:["TSType"],visitor:["m
embers"],fields:{members:(0,n.validateArrayOfType)("TSTypeElement"))}),0,n.default)("TSArrayType",{aliases:
["TSType"],visitor:["elementType"],fields:{elementType:(0,n.validateType)("TSType"))}),0,n.default)("TSTupleT
ype",{aliases:["TSType"],visitor:["elementTypes"],fields:{elementTypes:(0,n.validateArrayOfType)("TSType","T
SNamedTupleMember"))}),0,n.default)("TSOptionalType",{aliases:["TSType"],visitor:["typeAnnotation"],fields:
{typeAnnotation:(0,n.validateType)("TSType"))}),0,n.default)("TSRestType",{aliases:["TSType"],visitor:["typeA
nnotation"],fields:{typeAnnotation:(0,n.validateType)("TSType"))}),0,n.default)("TSNamedTupleMember",{visito
r:["label","elementType"],builder:["label","elementType","optional"],fields:{label:(0,n.validateType)("Identifier"),o
ptional:{validate:s,default:!1},elementType:(0,n.validateType)("TSType")});const
d={aliases:["TSType"],visitor:["types"],fields:{types:(0,n.validateArrayOfType)("TSType")});(0,n.default)("TSUni
onType",d),(0,n.default)("TSIntersectionType",d),(0,n.default)("TSConditionalType",{aliases:["TSType"],visitor:["
checkType","extendsType","trueType","falseType"],fields:{checkType:(0,n.validateType)("TSType"),extendsType:
(0,n.validateType)("TSType"),trueType:(0,n.validateType)("TSType"),falseType:(0,n.validateType)("TSType")}),
(0,n.default)("TSInferType",{aliases:["TSType"],visitor:["typeParameter"],fields:{typeParameter:(0,n.validateType)(
"TSTypeParameter")}),0,n.default)("TSParenthesizedType",{aliases:["TSType"],visitor:["typeAnnotation"],fields:
{typeAnnotation:(0,n.validateType)("TSType")}),0,n.default)("TSTypeOperator",{aliases:["TSType"],visitor:["ty
peAnnotation"],fields:{operator:(0,n.validate)((0,n.assertValueType)("string"),typeAnnotation:(0,n.validateType)("
TSType"))}),0,n.default)("TSIndexedAccessType",{aliases:["TSType"],visitor:["objectType","indexType"],fields:
{objectType:(0,n.validateType)("TSType"),indexType:(0,n.validateType)("TSType")}),0,n.default)("TSMappedT
ype",{aliases:["TSType"],visitor:["typeParameter","typeAnnotation","nameType"],fields:{readonly:(0,n.validateOpt
ional(s),typeParameter:(0,n.validateType)("TSTypeParameter"),optional:(0,n.validateOptional(s),typeAnnotation:(
0,n.validateOptionalType)("TSType"),nameType:(0,n.validateOptionalType)("TSType"))}),0,n.default)("TSLiteral
Type",{aliases:["TSType","TSBaseType"],visitor:["literal"],fields:{literal:(0,n.validateType)(["NumericLiteral","Str
ingLiteral","BooleanLiteral","BigIntLiteral"])}),0,n.default)("TSExpressionWithTypeArguments",{aliases:["TST
ype"],visitor:["expression","typeParameters"],fields:{expression:(0,n.validateType)("TSEntityName"),typeParame
ters:(0,n.validateOptionalType)("TSTypeParameterInstantiation"))}),0,n.default)("TSInterfaceDeclaration",{aliases:[
"Statement","Declaration"],visitor:["id","typeParameters","extends","body"],fields:{declare:(0,n.validateOptional(s
),id:(0,n.validateType)("Identifier"),typeParameters:(0,n.validateOptionalType)("TSTypeParameterDeclaration"),ext
ends:(0,n.validateOptional)((0,n.arrayOfType)("TSExpressionWithTypeArguments")),body:(0,n.validateType)("TSI
nterfaceBody"))}),0,n.default)("TSInterfaceBody",{visitor:["body"],fields:{body:(0,n.validateArrayOfType)("TST
ypeElement")}),0,n.default)("TSTypeAliasDeclaration",{aliases:["Statement","Declaration"],visitor:["id","typePar
ameters","typeAnnotation"],fields:{declare:(0,n.validateOptional(s),id:(0,n.validateType)("Identifier"),typeParamet
ers:(0,n.validateOptionalType)("TSTypeParameterDeclaration"),typeAnnotation:(0,n.validateType)("TSType")}),
(0,n.default)("TSAsExpression",{aliases:["Expression"],visitor:["expression","typeAnnotation"],fields:{expression:(

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0,n.validateType)("Expression"),typeAnnotation:(0,n.validateType)("TSType"))},(0,n.default)("TSTypeAssertion",
{aliases:["Expression"],visitor:["typeAnnotation","expression"],fields:{typeAnnotation:(0,n.validateType)("TSType
"),expression:(0,n.validateType)("Expression")}}),(0,n.default)("TSEnumDeclaration",{aliases:["Statement","Decla
ration"],visitor:["id","members"],fields:{declare:(0,n.validateOptional)(s),const:(0,n.validateOptional)(s),id:(0,n.vali
dateType)("Identifier"),members:(0,n.validateArrayOfType)("TSEnumMember"),initializer:(0,n.validateOptionalType)
("Expression")}}),(0,n.default)("TSEnumMember",{visitor:["id","initializer"],fields:{id:(0,n.validateType)(["Ide
ntifier","StringLiteral"]),initializer:(0,n.validateOptionalType)("Expression")}}),(0,n.default)("TSMODULEDECLARATIO
N",{aliases:["Statement","Declaration"],visitor:["id","body"],fields:{declare:(0,n.validateOptional)(s),global:(0,n.val
idateOptional)(s),id:(0,n.validateType)(["Identifier","StringLiteral"]),body:(0,n.validateType)(["TSMODULEBLOCK","
TSMODULEDECLARATION"])}},(0,n.default)("TSMODULEBLOCK",{aliases:["Scopable","Block","BlockParent"],visitor:["
body"],fields:{body:(0,n.validateArrayOfType)("Statement")}}),(0,n.default)("TSIMPORTTYPE",{aliases:["TSType"],
visitor:["argument","qualifier","typeParameters"],fields:{argument:(0,n.validateType)("StringLiteral"),qualifier:(0,n
validateOptionalType)("TSEntityName"),typeParameters:(0,n.validateOptionalType)("TSTypeParameterInstantiation
")}}),(0,n.default)("TSIMPORTEQUALSDECLARATION",{aliases:["Statement"],visitor:["id","moduleReference"],fields:{is
Export:(0,n.validate)(s),id:(0,n.validateType)("Identifier"),moduleReference:(0,n.validateType)(["TSEntityName","
TSEXTERNALMODULEREFERENCE"])}},(0,n.default)("TSEXTERNALMODULEREFERENCE",{visitor:["expression"],fields:{expr
ession:(0,n.validateType)("StringLiteral")}}),(0,n.default)("TSNONNULLEXPRESSION",{aliases:["Expression"],visitor:[
"expression"],fields:{expression:(0,n.validateType)("Expression")}}),(0,n.default)("TSEXPORTASSIGNMENT",{aliases:
["Statement"],visitor:["expression"],fields:{expression:(0,n.validateType)("Expression")}}),(0,n.default)("TSNAMES
PACEEXPORTDECLARATION",{aliases:["Statement"],visitor:["id"],fields:{id:(0,n.validateType)("Identifier")}}),(0,n.defau
lt)("TSTYPEANNOTATION",{visitor:["typeAnnotation"],fields:{typeAnnotation:{validate:(0,n.assertNodeType)("TSTy
pe")}}},(0,n.default)("TSTYPEPARAMETERINSTITIATION",{visitor:["params"],fields:{params:{validate:(0,n.chain)((0,n
.assertValueType)("array"),(0,n.assertEach)((0,n.assertNodeType)("TSType"))}}},(0,n.default)("TSTYPEPARAMETE
RDECLARATION",{visitor:["params"],fields:{params:{validate:(0,n.chain)((0,n.assertValueType)("array"),(0,n.assertEac
h)((0,n.assertNodeType)("TSTypeParameter"))}}},(0,n.default)("TSTYPEPARAMETER",{builder:["constraint","default
t","name"],visitor:["constraint","default"],fields:{name:{validate:(0,n.assertValueType)("string")},constraint:{valida
te:(0,n.assertNodeType)("TSType"),optional:!0},default:{validate:(0,n.assertNodeType)("TSType"),optional:!0}}
}),function(e,t,r){
use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){if(!(0,n.default)(e)){var t;const
r=null!=(t=null==e?void 0:e.type)?t.JSON.stringify(e):throw new TypeError("Not a valid node of type
"${r}")}};var n=r(106),function(e,t,r){
use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.assertArrayExpression=function(e,t){i("ArrayExpression
",e,t)},t.assertAssignmentExpression=function(e,t){i("AssignmentExpression",e,t)},t.assertBinaryExpression=functio
n(e,t){i("BinaryExpression",e,t)},t.assertInterpreterDirective=function(e,t){i("InterpreterDirective",e,t)},t.assertDir
ective=function(e,t){i("Directive",e,t)},t.assertDirectiveLiteral=function(e,t){i("DirectiveLiteral",e,t)},t.assertBlock
Statement=function(e,t){i("BlockStatement",e,t)},t.assertBreakStatement=function(e,t){i("BreakStatement",e,t)},t.as
sertCallExpression=function(e,t){i("CallExpression",e,t)},t.assertCatchClause=function(e,t){i("CatchClause",e,t)},t.
assertConditionalExpression=function(e,t){i("ConditionalExpression",e,t)},t.assertContinueStatement=function(e,t)
{i("ContinueStatement",e,t)},t.assertDebuggerStatement=function(e,t){i("DebuggerStatement",e,t)},t.assertDoWhile
Statement=function(e,t){i("DoWhileStatement",e,t)},t.assertEmptyStatement=function(e,t){i("EmptyStatement",e,t)
},t.assertExpressionStatement=function(e,t){i("ExpressionStatement",e,t)},t.assertFile=function(e,t){i("File",e,t)},t.a
ssertForInStatement=function(e,t){i("ForInStatement",e,t)},t.assertForStatement=function(e,t){i("ForStatement",e,t)
},t.assertFunctionDeclaration=function(e,t){i("FunctionDeclaration",e,t)},t.assertFunctionExpression=function(e,t){
i("FunctionExpression",e,t)},t.assertIdentifier=function(e,t){i("Identifier",e,t)},t.assertIfStatement=function(e,t){i("I
fStatement",e,t)},t.assertLabeledStatement=function(e,t){i("LabeledStatement",e,t)},t.assertStringLiteral=function(e
,t){i("StringLiteral",e,t)},t.assertNumericLiteral=function(e,t){i("NumericLiteral",e,t)},t.assertNullLiteral=functio
n(e,t){i("NullLiteral",e,t)},t.assertBooleanLiteral=function(e,t){i("BooleanLiteral",e,t)},t.assertRegExpLiteral=functio
n(e,t){i("RegExpLiteral",e,t)},t.assertLogicalExpression=function(e,t){i("LogicalExpression",e,t)},t.assertMemberE

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xpression=function(e,t){i("MemberExpression",e,t)},t.assertNewExpression=function(e,t){i("NewExpression",e,t)},t.assertProgram=function(e,t){i("Program",e,t)},t.assertObjectExpression=function(e,t){i("ObjectExpression",e,t)},t.assertObjectMethod=function(e,t){i("ObjectMethod",e,t)},t.assertObjectProperty=function(e,t){i("ObjectProperty",e,t)},t.assertRestElement=function(e,t){i("RestElement",e,t)},t.assertReturnStatement=function(e,t){i("ReturnStatement",e,t)},t.assertSequenceExpression=function(e,t){i("SequenceExpression",e,t)},t.assertParenthesizedExpression=function(e,t){i("ParenthesizedExpression",e,t)},t.assertSwitchCase=function(e,t){i("SwitchCase",e,t)},t.assertSwitchStatement=function(e,t){i("SwitchStatement",e,t)},t.assertThisExpression=function(e,t){i("ThisExpression",e,t)},t.assertThrowStatement=function(e,t){i("ThrowStatement",e,t)},t.assertTryStatement=function(e,t){i("TryStatement",e,t)},t.assertUnaryExpression=function(e,t){i("UnaryExpression",e,t)},t.assertUpdateExpression=function(e,t){i("UpdateExpression",e,t)},t.assertVariableDeclaration=function(e,t){i("VariableDeclaration",e,t)},t.assertVariableDeclarator=function(e,t){i("VariableDeclarator",e,t)},t.assertWhileStatement=function(e,t){i("WhileStatement",e,t)},t.assertWithStatement=function(e,t){i("WithStatement",e,t)},t.assertAssignmentPattern=function(e,t){i("AssignmentPattern",e,t)},t.assertArrayPattern=function(e,t){i("ArrayPattern",e,t)},t.assertArrowFunctionExpression=function(e,t){i("ArrowFunctionExpression",e,t)},t.assertClassBody=function(e,t){i("ClassBody",e,t)},t.assertClassExpression=function(e,t){i("ClassExpression",e,t)},t.assertClassDeclaration=function(e,t){i("ClassDeclaration",e,t)},t.assertExportAllDeclaration=function(e,t){i("ExportAllDeclaration",e,t)},t.assertExportDefaultDeclaration=function(e,t){i("ExportDefaultDeclaration",e,t)},t.assertExportNamedDeclaration=function(e,t){i("ExportNamedDeclaration",e,t)},t.assertExportSpecifier=function(e,t){i("ExportSpecifier",e,t)},t.assertForOfStatement=function(e,t){i("ForOfStatement",e,t)},t.assertImportDeclaration=function(e,t){i("ImportDeclaration",e,t)},t.assertImportDefaultSpecifier=function(e,t){i("ImportDefaultSpecifier",e,t)},t.assertImportNamespaceSpecifier=function(e,t){i("ImportNamespaceSpecifier",e,t)},t.assertImportSpecifier=function(e,t){i("ImportSpecifier",e,t)},t.assertMetaProperty=function(e,t){i("MetaProperty",e,t)},t.assertClassMethod=function(e,t){i("ClassMethod",e,t)},t.assertObjectPattern=function(e,t){i("ObjectPattern",e,t)},t.assertSpreadElement=function(e,t){i("SpreadElement",e,t)},t.assertSuper=function(e,t){i("Super",e,t)},t.assertTaggedTemplateExpression=function(e,t){i("TaggedTemplateExpression",e,t)},t.assertTemplateElement=function(e,t){i("TemplateElement",e,t)},t.assertTemplateLiteral=function(e,t){i("TemplateLiteral",e,t)},t.assertYieldExpression=function(e,t){i("YieldExpression",e,t)},t.assertAwaitExpression=function(e,t){i("AwaitExpression",e,t)},t.assertImport=function(e,t){i("Import",e,t)},t.assertBigIntLiteral=function(e,t){i("BigIntLiteral",e,t)},t.assertExportNamespaceSpecifier=function(e,t){i("ExportNamespaceSpecifier",e,t)},t.assertOptionalMemberExpression=function(e,t){i("OptionalMemberExpression",e,t)},t.assertOptionalCallExpression=function(e,t){i("OptionalCallExpression",e,t)},t.assertAnyTypeAnnotation=function(e,t){i("AnyTypeAnnotation",e,t)},t.assertArrayTypeAnnotation=function(e,t){i("ArrayTypeAnnotation",e,t)},t.assertBooleanTypeAnnotation=function(e,t){i("BooleanTypeAnnotation",e,t)},t.assertBooleanLiteralTypeAnnotation=function(e,t){i("BooleanLiteralTypeAnnotation",e,t)},t.assertNullLiteralTypeAnnotation=function(e,t){i("NullLiteralTypeAnnotation",e,t)},t.assertClassImplements=function(e,t){i("ClassImplements",e,t)},t.assertDeclareClass=function(e,t){i("DeclareClass",e,t)},t.assertDeclareFunction=function(e,t){i("DeclareFunction",e,t)},t.assertDeclareInterface=function(e,t){i("DeclareInterface",e,t)},t.assertDeclareModule=function(e,t){i("DeclareModule",e,t)},t.assertDeclareModuleExports=function(e,t){i("DeclareModuleExports",e,t)},t.assertDeclareTypeAlias=function(e,t){i("DeclareTypeAlias",e,t)},t.assertDeclareOpaqueType=function(e,t){i("DeclareOpaqueType",e,t)},t.assertDeclareVariable=function(e,t){i("DeclareVariable",e,t)},t.assertDeclareExportDeclaration=function(e,t){i("DeclareExportDeclaration",e,t)},t.assertDeclareExportAllDeclaration=function(e,t){i("DeclareExportAllDeclaration",e,t)},t.assertDeclaredPredicate=function(e,t){i("DeclaredPredicate",e,t)},t.assertExistsTypeAnnotation=function(e,t){i("ExistsTypeAnnotation",e,t)},t.assertFunctionTypeAnnotation=function(e,t){i("FunctionTypeAnnotation",e,t)},t.assertFunctionTypeParam=function(e,t){i("FunctionTypeParam",e,t)},t.assertGenericTypeAnnotation=function(e,t){i("GenericTypeAnnotation",e,t)},t.assertInferredPredicate=function(e,t){i("InferredPredicate",e,t)},t.assertInterfaceExtends=function(e,t){i("InterfaceExtends",e,t)},t.assertInterfaceDeclaration=function(e,t){i("InterfaceDeclaration",e,t)},t.assertInterfaceTypeAnnotation=function(e,t){i("InterfaceTypeAnnotation",e,t)},t.assertIntersectionTypeAnnotation=function(e,t){i("IntersectionTypeAnnotation",e,t)},t.assertMixedTypeAnnotation=function(e,t){i("MixedTypeAnnotation",e,t)},t.assertEmptyTypeAnnotation=function(e,t){i("EmptyTypeAnnotation",e,t)},t.assertNullableTypeAnnotation=function(e,t){i("NullableTypeAnnotation",e,t)},t.assertNumberLiteralTypeAnnotation=function

tion(e,t){i("NumberLiteralTypeAnnotation",e,t)},t.assertNumberTypeAnnotation=function(e,t){i("NumberTypeAnnotation",e,t)},t.assertObjectTypeAnnotation=function(e,t){i("ObjectTypeAnnotation",e,t)},t.assertObjectTypeInternalSlot=function(e,t){i("ObjectTypeInternalSlot",e,t)},t.assertObjectTypeCallProperty=function(e,t){i("ObjectTypeCallProperty",e,t)},t.assertObjectTypeIndexer=function(e,t){i("ObjectTypeIndexer",e,t)},t.assertObjectTypeProperty=function(e,t){i("ObjectTypeProperty",e,t)},t.assertObjectTypeSpreadProperty=function(e,t){i("ObjectTypeSpreadProperty",e,t)},t.assertOpaqueType=function(e,t){i("OpaqueType",e,t)},t.assertQualifiedTypeIdentifier=function(e,t){i("QualifiedTypeIdentifier",e,t)},t.assertStringLiteralTypeAnnotation=function(e,t){i("StringLiteralTypeAnnotation",e,t)},t.assertStringTypeAnnotation=function(e,t){i("StringTypeAnnotation",e,t)},t.assertSymbolTypeAnnotation=function(e,t){i("SymbolTypeAnnotation",e,t)},t.assertThisTypeAnnotation=function(e,t){i("ThisTypeAnnotation",e,t)},t.assertTupleTypeAnnotation=function(e,t){i("TupleTypeAnnotation",e,t)},t.assertTypeofTypeAnnotation=function(e,t){i("TypeofTypeAnnotation",e,t)},t.assertTypeAlias=function(e,t){i("TypeAlias",e,t)},t.assertTypeAnnotation=function(e,t){i("TypeAnnotation",e,t)},t.assertTypeCastExpression=function(e,t){i("TypeCastExpression",e,t)},t.assertTypeParameter=function(e,t){i("TypeParameter",e,t)},t.assertTypeParameterDeclaration=function(e,t){i("TypeParameterDeclaration",e,t)},t.assertTypeParameterInstantiation=function(e,t){i("TypeParameterInstantiation",e,t)},t.assertUnionTypeAnnotation=function(e,t){i("UnionTypeAnnotation",e,t)},t.assertVariance=function(e,t){i("Variance",e,t)},t.assertVoidTypeAnnotation=function(e,t){i("VoidTypeAnnotation",e,t)},t.assertEnumDeclaration=function(e,t){i("EnumDeclaration",e,t)},t.assertEnumBooleanBody=function(e,t){i("EnumBooleanBody",e,t)},t.assertEnumNumberBody=function(e,t){i("EnumNumberBody",e,t)},t.assertEnumStringBody=function(e,t){i("EnumStringBody",e,t)},t.assertEnumSymbolBody=function(e,t){i("EnumSymbolBody",e,t)},t.assertEnumBooleanMember=function(e,t){i("EnumBooleanMember",e,t)},t.assertEnumNumberMember=function(e,t){i("EnumNumberMember",e,t)},t.assertEnumStringMember=function(e,t){i("EnumStringMember",e,t)},t.assertEnumDefaultedMember=function(e,t){i("EnumDefaultedMember",e,t)},t.assertIndexedAccessType=function(e,t){i("IndexedAccessType",e,t)},t.assertOptionalIndexedAccessType=function(e,t){i("OptionalIndexedAccessType",e,t)},t.assertJSXAttribute=function(e,t){i("JSXAttribute",e,t)},t.assertJSXClosingElement=function(e,t){i("JSXClosingElement",e,t)},t.assertJSXElement=function(e,t){i("JSXElement",e,t)},t.assertJSXEmptyExpression=function(e,t){i("JSXEmptyExpression",e,t)},t.assertJSXExpressionContainer=function(e,t){i("JSXExpressionContainer",e,t)},t.assertJSXSpreadChild=function(e,t){i("JSXSpreadChild",e,t)},t.assertJSXIdentifier=function(e,t){i("JSXIdentifier",e,t)},t.assertJSXMemberExpression=function(e,t){i("JSXMemberExpression",e,t)},t.assertJSXNamespacedName=function(e,t){i("JSXNamespacedName",e,t)},t.assertJSXOpeningElement=function(e,t){i("JSXOpeningElement",e,t)},t.assertJSXSpreadAttribute=function(e,t){i("JSXSpreadAttribute",e,t)},t.assertJSXText=function(e,t){i("JSXText",e,t)},t.assertJSXFragment=function(e,t){i("JSXFragment",e,t)},t.assertJSXOpeningFragment=function(e,t){i("JSXOpeningFragment",e,t)},t.assertJSXClosingFragment=function(e,t){i("JSXClosingFragment",e,t)},t.assertNoop=function(e,t){i("Noop",e,t)},t.assertPlaceholder=function(e,t){i("Placeholder",e,t)},t.assertV8IntrinsicIdentifier=function(e,t){i("V8IntrinsicIdentifier",e,t)},t.assertArgumentPlaceholder=function(e,t){i("ArgumentPlaceholder",e,t)},t.assertBindExpression=function(e,t){i("BindExpression",e,t)},t.assertClassProperty=function(e,t){i("ClassProperty",e,t)},t.assertPipelineTopicExpression=function(e,t){i("PipelineTopicExpression",e,t)},t.assertPipelineBareFunction=function(e,t){i("PipelineBareFunction",e,t)},t.assertPipelinePrimaryTopicReference=function(e,t){i("PipelinePrimaryTopicReference",e,t)},t.assertClassPrivateProperty=function(e,t){i("ClassPrivateProperty",e,t)},t.assertClassPrivateMethod=function(e,t){i("ClassPrivateMethod",e,t)},t.assertImportAttribute=function(e,t){i("ImportAttribute",e,t)},t.assertDecorator=function(e,t){i("Decorator",e,t)},t.assertDoExpression=function(e,t){i("DoExpression",e,t)},t.assertExportDefaultSpecifier=function(e,t){i("ExportDefaultSpecifier",e,t)},t.assertPrivateName=function(e,t){i("PrivateName",e,t)},t.assertRecordExpression=function(e,t){i("RecordExpression",e,t)},t.assertTupleExpression=function(e,t){i("TupleExpression",e,t)},t.assertDecimalLiteral=function(e,t){i("DecimalLiteral",e,t)},t.assertStaticBlock=function(e,t){i("StaticBlock",e,t)},t.assertModuleExpression=function(e,t){i("ModuleExpression",e,t)},t.assertTSParameterProperty=function(e,t){i("TSParameterProperty",e,t)},t.assertTSDeclareFunction=function(e,t){i("TSDeclareFunction",e,t)},t.assertTSDeclareMethod=function(e,t){i("TSDeclareMethod",e,t)},t.assertTSQualifiedName=function(e,t){i("TSQualifiedName",e,t)},t.assertTSCallSignatureDeclaration=function(e,t){i("TSCallSignatureDeclaration",e,t)},t.assertTSConstructSignatureDeclaration=function(e,t){i("TSConstructSignatureDeclaration",e,t)},t.assertTSPropertySignature=function(e,t){i("TSPropertySignature",e,t)}

e",e,t)},t.assertTSMMethodSignature=function(e,t){i("TSMMethodSignature",e,t)},t.assertTSIndexSignature=function(e,t){i("TSIndexSignature",e,t)},t.assertTSAnyKeyword=function(e,t){i("TSAnyKeyword",e,t)},t.assertTSBooleanKeyword=function(e,t){i("TSBooleanKeyword",e,t)},t.assertTSBigIntKeyword=function(e,t){i("TSBigIntKeyword",e,t)},t.assertTSIntrinsicKeyword=function(e,t){i("TSIntrinsicKeyword",e,t)},t.assertTSNeverKeyword=function(e,t){i("TSNeverKeyword",e,t)},t.assertTSNullKeyword=function(e,t){i("TSNullKeyword",e,t)},t.assertTSNumberKeyword=function(e,t){i("TSNumberKeyword",e,t)},t.assertTSObjectKeyword=function(e,t){i("TSObjectKeyword",e,t)},t.assertTSStringKeyword=function(e,t){i("TSStringKeyword",e,t)},t.assertTSSymbolKeyword=function(e,t){i("TSSymbolKeyword",e,t)},t.assertTSUndefinedKeyword=function(e,t){i("TSUndefinedKeyword",e,t)},t.assertTSUnknownKeyword=function(e,t){i("TSUnknownKeyword",e,t)},t.assertTSVoidKeyword=function(e,t){i("TSVoidKeyword",e,t)},t.assertTSThisType=function(e,t){i("TSThisType",e,t)},t.assertTSFunctionType=function(e,t){i("TSFunctionType",e,t)},t.assertTSConstructorType=function(e,t){i("TSConstructorType",e,t)},t.assertTSTypeReference=function(e,t){i("TSTypeReference",e,t)},t.assertTSTypePredicate=function(e,t){i("TSTypePredicate",e,t)},t.assertTSTypeQuery=function(e,t){i("TSTypeQuery",e,t)},t.assertTSTypeLiteral=function(e,t){i("TSTypeLiteral",e,t)},t.assertTSArrayType=function(e,t){i("TSArrayType",e,t)},t.assertTSTupleType=function(e,t){i("TSTupleType",e,t)},t.assertTSOptionalType=function(e,t){i("TSOptionalType",e,t)},t.assertTSRestType=function(e,t){i("TSRestType",e,t)},t.assertTSNamedTupleMember=function(e,t){i("TSNamedTupleMember",e,t)},t.assertTSUnionType=function(e,t){i("TSUnionType",e,t)},t.assertTSIntersectionType=function(e,t){i("TSIntersectionType",e,t)},t.assertTSConditionalType=function(e,t){i("TSConditionalType",e,t)},t.assertTSInferType=function(e,t){i("TSInferType",e,t)},t.assertTSParenthesizedType=function(e,t){i("TSParenthesizedType",e,t)},t.assertTSTypeOperator=function(e,t){i("TSTypeOperator",e,t)},t.assertTSIndexedAccessType=function(e,t){i("TSIndexedAccessType",e,t)},t.assertTSMappedType=function(e,t){i("TSMappedType",e,t)},t.assertTSLiteralType=function(e,t){i("TSLiteralType",e,t)},t.assertTSExpressionWithTypeArguments=function(e,t){i("TSExpressionWithTypeArguments",e,t)},t.assertTSInterfaceDeclaration=function(e,t){i("TSInterfaceDeclaration",e,t)},t.assertTSInterfaceBody=function(e,t){i("TSInterfaceBody",e,t)},t.assertTSTypeAliasDeclaration=function(e,t){i("TSTypeAliasDeclaration",e,t)},t.assertTSAExpression=function(e,t){i("TSAExpression",e,t)},t.assertTSTypeAssertion=function(e,t){i("TSTypeAssertion",e,t)},t.assertTSEnumDeclaration=function(e,t){i("TSEnumDeclaration",e,t)},t.assertTSEnumMember=function(e,t){i("TSEnumMember",e,t)},t.assertTSModuleDeclaration=function(e,t){i("TSModuleDeclaration",e,t)},t.assertTSModuleBlock=function(e,t){i("TSModuleBlock",e,t)},t.assertTSImportType=function(e,t){i("TSImportType",e,t)},t.assertTSImportEqualsDeclaration=function(e,t){i("TSImportEqualsDeclaration",e,t)},t.assertTSExternalModuleReference=function(e,t){i("TSExternalModuleReference",e,t)},t.assertTSNonNullExpression=function(e,t){i("TSNonNullExpression",e,t)},t.assertTSExportAssignment=function(e,t){i("TSExportAssignment",e,t)},t.assertTSNamespaceExportDeclaration=function(e,t){i("TSNamespaceExportDeclaration",e,t)},t.assertTSTypeAnnotation=function(e,t){i("TSTypeAnnotation",e,t)},t.assertTSTypeParameterInstantiation=function(e,t){i("TSTypeParameterInstantiation",e,t)},t.assertTSTypeParameterDeclaration=function(e,t){i("TSTypeParameterDeclaration",e,t)},t.assertTSTypeParameter=function(e,t){i("TSTypeParameter",e,t)},t.assertExpression=function(e,t){i("Expression",e,t)},t.assertBinary=function(e,t){i("Binary",e,t)},t.assertScopable=function(e,t){i("Scopable",e,t)},t.assertBlockParent=function(e,t){i("BlockParent",e,t)},t.assertBlock=function(e,t){i("Block",e,t)},t.assertStatement=function(e,t){i("Statement",e,t)},t.assertTerminatorless=function(e,t){i("Terminatorless",e,t)},t.assertCompletionStatement=function(e,t){i("CompletionStatement",e,t)},t.assertConditional=function(e,t){i("Conditional",e,t)},t.assertLoop=function(e,t){i("Loop",e,t)},t.assertWhile=function(e,t){i("While",e,t)},t.assertExpressionWrapper=function(e,t){i("ExpressionWrapper",e,t)},t.assertFor=function(e,t){i("For",e,t)},t.assertForXStatement=function(e,t){i("ForXStatement",e,t)},t.assertFunction=function(e,t){i("Function",e,t)},t.assertFunctionParent=function(e,t){i("FunctionParent",e,t)},t.assertPureish=function(e,t){i("Pureish",e,t)},t.assertDeclaration=function(e,t){i("Declaration",e,t)},t.assertPatternLike=function(e,t){i("PatternLike",e,t)},t.assertLVal=function(e,t){i("LVal",e,t)},t.assertTSEntityName=function(e,t){i("TSEntityName",e,t)},t.assertLiteral=function(e,t){i("Literal",e,t)},t.assertImmutable=function(e,t){i("Immutable",e,t)},t.assertUserWhitespacable=function(e,t){i("UserWhitespacable",e,t)},t.assertMethod=function(e,t){i("Method",e,t)},t.assertObjectMember=function(e,t){i("ObjectMember",e,t)},t.assertProperty=function(e,t){i("Property",e,t)},t.assertUnaryLike=function(e,t){i("UnaryLike",e,t)},t.assertPattern=function(e,t){i("Pattern",e,t)},t.assertClass=function(e,t){i("Class",e,t)},t.assertModuleDeclaration=function(e,t){i("ModuleDeclaration",e,t)}

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tion(e,t){i("ModuleDeclaration",e,t)},t.assertExportDeclaration=function(e,t){i("ExportDeclaration",e,t)},t.assertModuleSpecifier=function(e,t){i("ModuleSpecifier",e,t)},t.assertFlow=function(e,t){i("Flow",e,t)},t.assertFlowType=function(e,t){i("FlowType",e,t)},t.assertFlowBaseAnnotation=function(e,t){i("FlowBaseAnnotation",e,t)},t.assertFlowDeclaration=function(e,t){i("FlowDeclaration",e,t)},t.assertFlowPredicate=function(e,t){i("FlowPredicate",e,t)},t.assertEnumBody=function(e,t){i("EnumBody",e,t)},t.assertEnumMember=function(e,t){i("EnumMember",e,t)},t.assertJSX=function(e,t){i("JSX",e,t)},t.assertPrivate=function(e,t){i("Private",e,t)},t.assertTSTypeElement=function(e,t){i("TSTypeElement",e,t)},t.assertTSType=function(e,t){i("TSType",e,t)},t.assertTSBaseType=function(e,t){i("TSBaseType",e,t)},t.assertNumberLiteral=function(e,t){console.trace("The node type NumberLiteral has been renamed to NumericLiteral"),i("NumberLiteral",e,t)},t.assertRegexLiteral=function(e,t){console.trace("The node type RegexLiteral has been renamed to RegExpLiteral"),i("RegexLiteral",e,t)},t.assertRestProperty=function(e,t){console.trace("The node type RestProperty has been renamed to RestElement"),i("RestProperty",e,t)},t.assertSpreadProperty=function(e,t){console.trace("The node type SpreadProperty has been renamed to SpreadElement"),i("SpreadProperty",e,t)};var n=r(36);function i(e,t,r){if(!(0,n.default)(e,t,r))throw new Error("Expected type \"$e\" with option ${JSON.stringify(r)}, but instead got \"${t.type}\".");function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){if("string"===e)return(0,n.stringTypeAnnotation)();if("number"===e)return(0,n.numberTypeAnnotation)();if("undefined"===e)return(0,n.voidTypeAnnotation)();if("boolean"===e)return(0,n.booleanTypeAnnotation)();if("function"===e)return(0,n.genericTypeAnnotation)((0,n.identifier)("Function"));if("object"===e)return(0,n.genericTypeAnnotation)((0,n.identifier)("Object"));if("symbol"===e)return(0,n.genericTypeAnnotation)((0,n.identifier)("Symbol"));if("bigint"===e)return(0,n.anyTypeAnnotation)();throw new Error("Invalid type of value: "+e)};var n=r(3)},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){const t=(0,i.default)(e);return 1===t.length?t[0):(0,n.unionTypeAnnotation)(t)};var n=r(3),i=r(107)},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){const t=e.map(e=>e.typeAnnotation),r=(0,i.default)(t);return 1===r.length?r[0):(0,n.tsUnionType)(r)};var n=r(3),i=r(279)},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){const t={},r={},i=[],s=[];for(let t=0;t<e.length;t++){const a=e[t];if(a&&!s.indexOf(a)>=0){if((0,n.isTSAnyKeyword)(a))return[a];(0,n.isTSBaseType)(a)?r[a.type]=a:(0,n.isTSUnionType)(a)?i.indexOf(a.types)<0&&(e=e.concat(a.types),i.push(a.types)):s.push(a)}}for(const e of Object.keys(r))s.push(r[e]);for(const e of Object.keys(t))s.push(t[e]);return s};var n=r(1)},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),Object.defineProperty(t,"ArrayExpression",{enumerable:!0,get:function(){return n.arrayExpression}}),Object.defineProperty(t,"AssignmentExpression",{enumerable:!0,get:function(){return n.assignmentExpression}}),Object.defineProperty(t,"BinaryExpression",{enumerable:!0,get:function(){return n.binaryExpression}}),Object.defineProperty(t,"InterpreterDirective",{enumerable:!0,get:function(){return n.interpreterDirective}}),Object.defineProperty(t,"Directive",{enumerable:!0,get:function(){return n.directive}}),Object.defineProperty(t,"DirectiveLiteral",{enumerable:!0,get:function(){return n.directiveLiteral}}),Object.defineProperty(t,"BlockStatement",{enumerable:!0,get:function(){return n.blockStatement}}),Object.defineProperty(t,"BreakStatement",{enumerable:!0,get:function(){return n.breakStatement}}),Object.defineProperty(t,"CallExpression",{enumerable:!0,get:function(){return n.callExpression}}),Object.defineProperty(t,"CatchClause",{enumerable:!0,get:function(){return n.catchClause}}),Object.defineProperty(t,"ConditionalExpression",{enumerable:!0,get:function(){return n.conditionalExpression}}),Object.defineProperty(t,"ContinueStatement",{enumerable:!0,get:function(){return n.continueStatement}}),Object.defineProperty(t,"DebuggerStatement",{enumerable:!0,get:function(){return n.debuggerStatement}}),Object.defineProperty(t,"DoWhileStatement",{enumerable:!0,get:function(){return n.doWhileStatement}}),Object.defineProperty(t,"EmptyStatement",{enumerable:!0,get:function(){return

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n.regExpLiteral}}),Object.defineProperty(t,"LogicalExpression",{enumerable:!0,get:function(){return
n.logicalExpression}}),Object.defineProperty(t,"MemberExpression",{enumerable:!0,get:function(){return
n.memberExpression}}),Object.defineProperty(t,"NewExpression",{enumerable:!0,get:function(){return
n.newExpression}}),Object.defineProperty(t,"Program",{enumerable:!0,get:function(){return
n.program}}),Object.defineProperty(t,"ObjectExpression",{enumerable:!0,get:function(){return
n.objectExpression}}),Object.defineProperty(t,"ObjectMethod",{enumerable:!0,get:function(){return
n.objectMethod}}),Object.defineProperty(t,"ObjectProperty",{enumerable:!0,get:function(){return
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n.classDeclaration}}),Object.defineProperty(t,"ExportAllDeclaration",{enumerable:!0,get:function(){return
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n.tsTypePredicate })),Object.defineProperty(t,"TSTypeQuery",{enumerable:!0,get:function(){return
n.tsTypeQuery })),Object.defineProperty(t,"TSTypeLiteral",{enumerable:!0,get:function(){return
n.tsTypeLiteral })),Object.defineProperty(t,"TSArrayType",{enumerable:!0,get:function(){return
n.tsArrayType })),Object.defineProperty(t,"TSTupleType",{enumerable:!0,get:function(){return
n.tsTupleType })),Object.defineProperty(t,"TSOptionalType",{enumerable:!0,get:function(){return
n.tsOptionalType })),Object.defineProperty(t,"TSRestType",{enumerable:!0,get:function(){return
n.tsRestType })),Object.defineProperty(t,"TSNamedTupleMember",{enumerable:!0,get:function(){return
n.tsNamedTupleMember })),Object.defineProperty(t,"TSUnionType",{enumerable:!0,get:function(){return
n.tsUnionType })),Object.defineProperty(t,"TSIntersectionType",{enumerable:!0,get:function(){return
n.tsIntersectionType })),Object.defineProperty(t,"TSConditionalType",{enumerable:!0,get:function(){return
n.tsConditionalType })),Object.defineProperty(t,"TSInferType",{enumerable:!0,get:function(){return
n.tsInferType })),Object.defineProperty(t,"TSParenthesizedType",{enumerable:!0,get:function(){return
n.tsParenthesizedType })),Object.defineProperty(t,"TSTypeOperator",{enumerable:!0,get:function(){return
n.tsTypeOperator })),Object.defineProperty(t,"TSIndexedAccessType",{enumerable:!0,get:function(){return
n.tsIndexedAccessType })),Object.defineProperty(t,"TSMappedType",{enumerable:!0,get:function(){return
n.tsMappedType })),Object.defineProperty(t,"TSLiteralType",{enumerable:!0,get:function(){return
n.tsLiteralType })),Object.defineProperty(t,"TSExpressionWithTypeArguments",{enumerable:!0,get:function(){return
n.tsExpressionWithTypeArguments })),Object.defineProperty(t,"TSInterfaceDeclaration",{enumerable:!0,get:functi
on(){return
n.tsInterfaceDeclaration })),Object.defineProperty(t,"TSInterfaceBody",{enumerable:!0,get:function(){return
n.tsInterfaceBody })),Object.defineProperty(t,"TSTypeAliasDeclaration",{enumerable:!0,get:function(){return
n.tsTypeAliasDeclaration })),Object.defineProperty(t,"TSAsExpression",{enumerable:!0,get:function(){return
n.tsAsExpression })),Object.defineProperty(t,"TSTypeAssertion",{enumerable:!0,get:function(){return
n.tsTypeAssertion })),Object.defineProperty(t,"TSEnumDeclaration",{enumerable:!0,get:function(){return
n.tsEnumDeclaration })),Object.defineProperty(t,"TSEnumMember",{enumerable:!0,get:function(){return
n.tsEnumMember })),Object.defineProperty(t,"TSModuleDeclaration",{enumerable:!0,get:function(){return

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n.tsModuleDeclaration })),Object.defineProperty(t,"TSModuleBlock",{enumerable:!0,get:function(){return
n.tsModuleBlock}}),Object.defineProperty(t,"TSImportType",{enumerable:!0,get:function(){return
n.tsImportType}}),Object.defineProperty(t,"TSImportEqualsDeclaration",{enumerable:!0,get:function(){return
n.tsImportEqualsDeclaration}}),Object.defineProperty(t,"TSExternalModuleReference",{enumerable:!0,get:functio
n(){return
n.tsExternalModuleReference}}),Object.defineProperty(t,"TSNonNullExpression",{enumerable:!0,get:function(){re
turn
n.tsNonNullExpression}}),Object.defineProperty(t,"TSExportAssignment",{enumerable:!0,get:function(){return
n.tsExportAssignment}}),Object.defineProperty(t,"TSNamespaceExportDeclaration",{enumerable:!0,get:function()
{return
n.tsNamespaceExportDeclaration}}),Object.defineProperty(t,"TSTypeAnnotation",{enumerable:!0,get:function(){re
turn
n.tsTypeAnnotation}}),Object.defineProperty(t,"TSTypeParameterInstantiation",{enumerable:!0,get:function(){retu
rn
n.tsTypeParameterInstantiation}}),Object.defineProperty(t,"TSTypeParameterDeclaration",{enumerable:!0,get:func
tion(){return
n.tsTypeParameterDeclaration}}),Object.defineProperty(t,"TSTypeParameter",{enumerable:!0,get:function(){return
n.tsTypeParameter}}),Object.defineProperty(t,"NumberLiteral",{enumerable:!0,get:function(){return
n.numberLiteral}}),Object.defineProperty(t,"RegexLiteral",{enumerable:!0,get:function(){return
n.regexLiteral}}),Object.defineProperty(t,"RestProperty",{enumerable:!0,get:function(){return
n.restProperty}}),Object.defineProperty(t,"SpreadProperty",{enumerable:!0,get:function(){return
n.spreadProperty}});var n=r(3),function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,n.default)(e,!1)};var
n=r(16),function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,n.default)(e)};var
n=r(16),function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,n.default)(e,!0,!0)};var
n=r(16),function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,n.default)(e,!1,!0)};var
n=r(16),function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r,i){return(0,n.default)(e,t,[{type:i?"
CommentLine":"CommentBlock",value:r}])};var n=r(108)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return
n.COMMENT_KEYS.forEach(t=>{e[t]=null}),e};var n=r(15)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.TSBASETYPE_TYPES=t.TSTYPE_TYPES=t.TSTYPE
ELEMENT_TYPES=t.PRIVATE_TYPES=t.JSX_TYPES=t.ENUMMEMBER_TYPES=t.ENUMBODY_TYPES=t
.FLOWPREDICATE_TYPES=t.FLOWDECLARATION_TYPES=t.FLOWBASEANNOTATION_TYPES=t.FLO
WTYPE_TYPES=t.FLOW_TYPES=t.MODULESPECIFIER_TYPES=t.EXPORTDECLARATION_TYPES=t.MO
DULEDECLARATION_TYPES=t.CLASS_TYPES=t.PATTERN_TYPES=t.UNARYLIKE_TYPES=t.PROPERT
Y_TYPES=t.OBJECTMEMBER_TYPES=t.METHOD_TYPES=t.USERWHITESPACABLE_TYPES=t.IMMUTA
BLE_TYPES=t.LITERAL_TYPES=t.TSENTITYNAME_TYPES=t.LVAL_TYPES=t.PATTERNLIKE_TYPES=t.
DECLARATION_TYPES=t.PUREISH_TYPES=t.FUNCTIONPARENT_TYPES=t.FUNCTION_TYPES=t.FORX
STATEMENT_TYPES=t.FOR_TYPES=t.EXPRESSIONWRAPPER_TYPES=t.WHILE_TYPES=t.LOOP_TYPES
=t.CONDITIONAL_TYPES=t.COMPLETIONSTATEMENT_TYPES=t.TERMINATORLESS_TYPES=t.STATE
MENT_TYPES=t.BLOCK_TYPES=t.BLOCKPARENT_TYPES=t.SCOPABLE_TYPES=t.BINARY_TYPES=t.E
XPRESSION_TYPES=void 0;var n=r(6);const
i=n.FLIPPED_ALIAS_KEYS.Expression;t.EXPRESSION_TYPES=i;const
s=n.FLIPPED_ALIAS_KEYS.Binary;t.BINARY_TYPES=s;const

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a=n.FLIPPED_ALIAS_KEYS.Scopable;t.SCOPABLE_TYPES=a;const
o=n.FLIPPED_ALIAS_KEYS.BlockParent;t.BLOCKPARENT_TYPES=o;const
l=n.FLIPPED_ALIAS_KEYS.Block;t.BLOCK_TYPES=l;const
c=n.FLIPPED_ALIAS_KEYS.Statement;t.STATEMENT_TYPES=c;const
p=n.FLIPPED_ALIAS_KEYS.Terminatorless;t.TERMINATORLESS_TYPES=p;const
u=n.FLIPPED_ALIAS_KEYS.CompletionStatement;t.COMPLETIONSTATEMENT_TYPES=u;const
d=n.FLIPPED_ALIAS_KEYS.Conditional;t.CONDITIONAL_TYPES=d;const
h=n.FLIPPED_ALIAS_KEYS.Loop;t.LOOP_TYPES=h;const
f=n.FLIPPED_ALIAS_KEYS.While;t.WHILE_TYPES=f;const
m=n.FLIPPED_ALIAS_KEYS.ExpressionWrapper;t.EXPRESSIONWRAPPER_TYPES=m;const
y=n.FLIPPED_ALIAS_KEYS.For;t.FOR_TYPES=y;const
T=n.FLIPPED_ALIAS_KEYS.ForXStatement;t.FORXSTATEMENT_TYPES=T;const
b=n.FLIPPED_ALIAS_KEYS.Function;t.FUNCTION_TYPES=b;const
g=n.FLIPPED_ALIAS_KEYS.FunctionParent;t.FUNCTIONPARENT_TYPES=g;const
S=n.FLIPPED_ALIAS_KEYS.Pureish;t.PUREISH_TYPES=S;const
x=n.FLIPPED_ALIAS_KEYS.Declaration;t.DECLARATION_TYPES=x;const
E=n.FLIPPED_ALIAS_KEYS.PatternLike;t.PATTERNLIKE_TYPES=E;const
P=n.FLIPPED_ALIAS_KEYS.LVal;t.LVAL_TYPES=P;const
v=n.FLIPPED_ALIAS_KEYS.TSEntityName;t.TSENTITYNAME_TYPES=v;const
A=n.FLIPPED_ALIAS_KEYS.Literal;t.LITERAL_TYPES=A;const
w=n.FLIPPED_ALIAS_KEYS.Immutable;t.IMMUTABLE_TYPES=w;const
O=n.FLIPPED_ALIAS_KEYS.UserWhitespacable;t.USERWHITESPACABLE_TYPES=O;const
I=n.FLIPPED_ALIAS_KEYS.Method;t.METHOD_TYPES=I;const
C=n.FLIPPED_ALIAS_KEYS.ObjectMember;t.OBJECTMEMBER_TYPES=C;const
N=n.FLIPPED_ALIAS_KEYS.Property;t.PROPERTY_TYPES=N;const
k=n.FLIPPED_ALIAS_KEYS.UnaryLike;t.UNARYLIKE_TYPES=k;const
D=n.FLIPPED_ALIAS_KEYS.Pattern;t.PATTERN_TYPES=D;const
_=n.FLIPPED_ALIAS_KEYS.Class;t.CLASS_TYPES=_;const
L=n.FLIPPED_ALIAS_KEYS.ModuleDeclaration;t.MODULEDECLARATION_TYPES=L;const
M=n.FLIPPED_ALIAS_KEYS.ExportDeclaration;t.EXPORTDECLARATION_TYPES=M;const
j=n.FLIPPED_ALIAS_KEYS.ModuleSpecifier;t.MODULESPECIFIER_TYPES=j;const
F=n.FLIPPED_ALIAS_KEYS.Flow;t.FLOW_TYPES=F;const
R=n.FLIPPED_ALIAS_KEYS.FlowType;t.FLOWTYPE_TYPES=R;const
B=n.FLIPPED_ALIAS_KEYS.FlowBaseAnnotation;t.FLOWBASEANNOTATION_TYPES=B;const
U=n.FLIPPED_ALIAS_KEYS.FlowDeclaration;t.FLOWDECLARATION_TYPES=U;const
V=n.FLIPPED_ALIAS_KEYS.FlowPredicate;t.FLOWPREDICATE_TYPES=V;const
K=n.FLIPPED_ALIAS_KEYS.EnumBody;t.ENUMBODY_TYPES=K;const
q=n.FLIPPED_ALIAS_KEYS.EnumMember;t.ENUMMEMBER_TYPES=q;const
Y=n.FLIPPED_ALIAS_KEYS.JSX;t.JSX_TYPES=Y;const
W=n.FLIPPED_ALIAS_KEYS.Private;t.PRIVATE_TYPES=W;const
X=n.FLIPPED_ALIAS_KEYS.TSTypeElement;t.TSTYPEELEMENT_TYPES=X;const
J=n.FLIPPED_ALIAS_KEYS.TSType;t.TSTYPE_TYPES=J;const
H=n.FLIPPED_ALIAS_KEYS.TSBaseType;t.TSBASETYPE_TYPES=H},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t="body"){return
e[t]=(0,n.default)(e[t],e);var n=r(113)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e){ "eval"!==(e=(0,n.default)(e))&&"ar
guments"!==(e||e)+"_+e);return e};var n=r(114)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t=e.key||e.property){ !e.computed&&(

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0,n.isIdentifier)(t)&&(t=(0,i.stringLiteral)(t.name));return t};var n=r(1),i=r(3)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=void 0;var
n=r(1),i=function(e){(0,n.isExpressionStatement)(e)&&(e=e.expression);if((0,n.isExpression)(e))return
e;(0,n.isClass)(e)?e.type="ClassExpression":(0,n.isFunction)(e)&&(e.type="FunctionExpression");if(!(0,n.isExpress
ion)(e))throw new Error(`cannot turn ${e.type} to an expression`);return e};t.default=i},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=a;var n=r(1),i=r(16),s=r(115);function
a(e,t=e.key){ let
r;return "method"===e.kind?a.increment()+"":(r=(0,n.isIdentifier)(t)?t.name:(0,n.isStringLiteral)(t)?JSON.stringify(t
.value):JSON.stringify((0,s.default)((0,i.default)(t))),e.computed&&(r=`[${r}]`),e.static&&(r="static:"+r),r)}a.uid=0
,a.increment=function(){return a.uid>=Number.MAX_SAFE_INTEGER?a.uid=0:a.uid++},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t){if(null===e||e.length)return;const
r=[],i=(0,n.default)(e,t,r);if(!i)return;for(const e of r)t.push(e);return i};var n=r(294)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function e(t,r,o){const l=[];let c=!0;for(const p
of t)if((0,i.isEmptyStatement)(p)||c=!1,(0,i.isExpression)(p))l.push(p);else
if((0,i.isExpressionStatement)(p))l.push(p.expression);else
if((0,i.isVariableDeclaration)(p)){if("var"!==p.kind)return;for(const e of p.declarations){const
t=(0,n.default)(e);for(const e of
Object.keys(t))o.push({kind:p.kind,id:(0,a.default)(t[e])});e.init&&l.push((0,s.assignmentExpression)("=",e.id,e.init
))c=!0}else if((0,i.isIfStatement)(p)){const
t=p.consequent?e([p.consequent],r,o):r.buildUndefinedNode(),n=p.alternate?e([p.alternate],r,o):r.buildUndefinedNo
de();if(!t||!n)return;l.push((0,s.conditionalExpression)(p.test,t,n))}else if((0,i.isBlockStatement)(p)){const
t=e(p.body,r,o);if(!t)return;l.push(t)}else{if(!(0,i.isEmptyStatement)(p))return;0===t.indexOf(p)&&(c=!0)}c&&l.pu
sh(r.buildUndefinedNode());return 1===l.length?l[0):(0,s.sequenceExpression)(l)};var
n=r(37),i=r(1),s=r(3),a=r(16)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=void 0;var
n=r(1),i=r(3),s=function(e,t){if((0,n.isStatement)(e))return e;let
r,s=!1;if((0,n.isClass)(e))s=!0,r="ClassDeclaration";else if((0,n.isFunction)(e))s=!0,r="FunctionDeclaration";else
if((0,n.isAssignmentExpression)(e))return(0,i.expressionStatement)(e);s&&!e.id&&(r=!1);if(!r){if(t)return!1;throw
new Error(`cannot turn ${e.type} to a statement`)}return e.type=r,e};t.default=s},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=void 0;var n=r(24),i=r(3),s=function e(t){if(void
0===t)return(0,i.identifier)("undefined");if(!0===t||!1===t)return(0,i.booleanLiteral)(t);if(null===t)return(0,i.nullLit
eral)();if("string"===typeof t)return(0,i.stringLiteral)(t);if("number"===typeof t){let
e;if(Number.isFinite(t))e=(0,i.numericLiteral)(Math.abs(t));else{let
r;r=Number.isNaN(t)?(0,i.numericLiteral)(0):(0,i.numericLiteral)(1),e=(0,i.binaryExpression)("/",r,(0,i.numericLiter
al)(0))}return(t<0||Object.is(t,-0))&&(e=(0,i.unaryExpression)("-",e)),e}if(function(e){return"[object
RegExp]"===a(e)}(t)){const e=t.source,r=t.toString().match(/\/([a-
z]+)\$/)[1];return(0,i.regExpLiteral)(e,r)}if(Array.isArray(t))return(0,i.arrayExpression)(t.map(e));if(function(e){if("
object"!==typeof e||null===e||"[object Object]"!==Object.prototype.toString.call(e))return!1;const
t=Object.getPrototypeOf(e);return null===t||null===Object.getPrototypeOf(t)}(t)){const r=[];for(const s of
Object.keys(t)){let
a;a=(0,n.default)(s)?(0,i.identifier)(s):(0,i.stringLiteral)(s),r.push((0,i.objectProperty)(a,e(t[s])))}return(0,i.objectExp
ression)(r)}throw new Error("don't know how to turn this value into a node");};t.default=s;const
a=Function.call.bind(Object.prototype.toString),function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t,r=!1){ return
e.object=(0,n.memberExpression)(e.object,e.property,e.computed),e.property=t,e.computed=!r,e};var
n=r(3)},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e,t){if(!e||!t)return e;for(const r of
n.INHERIT_KEYS.optional)null===e[r]&&(e[r]=t[r]);for(const r of

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Object.keys(t))_"===r[0]&&"__clone"!==r&&(e[r]=t[r]);for(const r of
n.INHERIT_KEYS.force)e[r]=t[r];return(0,i.default)(e,t,e);var n=r(15),i=r(111)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){return
e.object=(0,n.memberExpression)(t,e.object),e};var n=r(3)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;var
n=r(37),i=function(e,t){return(0,n.default)(e,t,!0)};t.default=i},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){"function"===typeof
t&&(t={enter:t});const{enter:i,exit:s}=t;!function e(t,r,i,s,a){const
o=n.VISITOR_KEYS[t.type];if(!o)return;r&&r(t,a,s);for(const n of o){const o=t[n];if(Array.isArray(o))for(let
l=0;l<o.length;l++){const c=o[l];c&&(a.push({node:t,key:n,index:l}),e(c,r,i,s,a),a.pop())}else
o&&(a.push({node:t,key:n}),e(o,r,i,s,a),a.pop())}i&&i(t,a,s)}(e,i,s,r,[])};var n=r(6)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){if(r&&"Identifier"===e.type&&"
ObjectProperty"===t.type&&"ObjectExpression"===r.type)return!1;const i=n.default.keys[t.type];if(i)for(let
r=0;r<i.length;r++){const n=i[r],s=t[n];if(Array.isArray(s)){if(s.indexOf(e)>=0)return!0}else
if(s===e)return!0}return!1};var n=r(37)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,n.isFunctionDeclaration)(e)
|(0,n.isClassDeclaration)(e)|(0,i.default)(e)};var n=r(1),i=r(118)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){if((0,n.default)(e.type,"Immutable"))
return!0;if((0,i.isIdentifier)(e))return"undefined"===e.name;return!1};var n=r(56),i=r(1)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function e(t,r){if("object"!==typeof
t||"object"!==typeof r||null===t||null===r)return t===r;if(t.type!==r.type)return!1;const
i=Object.keys(n.NODE_FIELDS[t.type]||t.type),s=n.VISITOR_KEYS[t.type];for(const n of i){if(typeof
t[n]!==typeof
r[n])return!1;if(null!==t[n]||null!==r[n]){if(null===t[n]||null===r[n])return!1;if(Array.isArray(t[n])){if(!Array.isArray(r[n]
))return!1;if(t[n].length!==r[n].length)return!1;for(let i=0;i<t[n].length;i++)if(!e(t[n][i],r[n][i]))return!1}else
if("object"!==typeof t[n]||null!==s&&s.includes(n)){if(!e(t[n],r[n]))return!1}else for(const e of
Object.keys(t[n]))if(t[n][e]!==r[n][e])return!1}}return!0};var n=r(6)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){switch(t.type){case"MemberExpr
ession":case"JSXMemberExpression":case"OptionalMemberExpression":return
t.property===e?!t.computed:t.object===e;case"VariableDeclarator":return
t.init===e;case"ArrowFunctionExpression":return
t.body===e;case"PrivateName":return!1;case"ClassMethod":case"ClassPrivateMethod":case"ObjectMethod":if(t.pa
rams.includes(e))return!1;case"ObjectProperty":case"ClassProperty":case"ClassPrivateProperty":return
t.key===e?!t.computed:t.value!==e!(r||"ObjectPattern"!==r.type);case"ClassDeclaration":case"ClassExpression":r
eturn t.superClass===e;case"AssignmentExpression":case"AssignmentPattern":return
t.right===e;case"LabeledStatement":case"CatchClause":case"RestElement":return!1;case"BreakStatement":case"Co
ntinueStatement":return!1;case"FunctionDeclaration":case"FunctionExpression":return!1;case"ExportNamespaceSp
ecifier":case"ExportDefaultSpecifier":return!1;case"ExportSpecifier":return(null===r||r.source)&&t.local===e;case"
ImportDefaultSpecifier":case"ImportNamespaceSpecifier":case"ImportSpecifier":case"JSXAttribute":return!1;case"
ObjectPattern":case"ArrayPattern":case"MetaProperty":return!1;case"ObjectTypeProperty":return
t.key!==e;case"TSEnumMember":return t.id===e;case"TSPropertySignature":return
t.key!==e||!t.computed}return!0}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t){if((0,n.isBlockStatement)(e)&&((0
,n.isFunction)(t)|(0,n.isCatchClause)(t)))return!1;if((0,n.isPattern)(e)&&((0,n.isFunction)(t)|(0,n.isCatchClause)(t)))
return!0;return(0,n.isScopable)(e)};var n=r(1)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,n.isImportDefaultSpecifier)
(e)|(0,n.isIdentifier)(e.imported|e.exported,{name:"default"})};var n=r(1)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){return(0,n.default)(e)&&!i.has(e)};v

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var n=r(24);const i=new
Set(["abstract","boolean","byte","char","double","enum","final","float","goto","implements","int","interface","long",
,"native","package","private","protected","public","short","static","synchronized","throws","transient","volatile"]);f
unction(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=function(e){return(0,n.isVariableDeclaration)(e,
{kind:"var"})&&!e[i.BLOCK_SCOPED_SYMBOL]};var n=r(1),i=r(15),function(e,t){ ,function(e,t,r){ "use
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GM_setValue":false,"GM_xmlHttpRequest":false,"unsafeWindow":false},"devtools":{"$":false,"$_":false,"$$":false
,"$0":false,"$1":false,"$2":false,"$3":false,"$4":false,"$x":false,"chrome":false,"clear":false,"copy":false,"debug":fa
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false,"profile":false,"profileEnd":false,"queryObjects":false,"table":false,"undebg":false,"unmonitor":false,"unmon
itorEvents":false,"values":false}}\}),function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){return new
a(e,t,r).generate(),t.CodeGenerator=void 0;var n=s(r(315)),i=s(r(323));function s(e){return
e&&e.__esModule?e:{default:e}}class a extends i.default{constructor(e,t={},r){super(function(e,t){const
r={ auxiliaryCommentBefore:t.auxiliaryCommentBefore,auxiliaryCommentAfter:t.auxiliaryCommentAfter,shouldPr
```

intComment:t.shouldPrintComment,retainLines:t.retainLines,retainFunctionParens:t.retainFunctionParens,comment
s:null==t.comments||t.comments,compact:t.compact,minified:t.minified,concise:t.concise,jsonCompatibleStrings:t.js
onCompatibleStrings,indent: { adjustMultilineComment:!0,style:"
",base:0},decoratorsBeforeExport:!!t.decoratorsBeforeExport,jescOption:Object.assign({quotes:"double",wrap:!0},
t.jescOption),recordAndTupleSyntaxType:t.recordAndTupleSyntaxType;r.minified?(r.compact=!0,r.shouldPrintC
omment=r.shouldPrintComment||((=>r.comments)):r.shouldPrintComment=r.shouldPrintComment||((e=>r.comment
s||e.indexOf("@license")>=0||e.indexOf("@preserve")>=0);"auto"===r.compact&&(r.compact=e.length>5e5,r.com
pact&&console.error("[BABEL] Note: The code generator has deoptimised the styling of "+t.filename+" as it
exceeds the max of 500KB.");r.compact&&(r.indent.adjustMultilineComment=!1);return r}(r,t),t.sourceMaps?new
n.default(t,r):null),this.ast=void 0,this.ast=e}generate(){return
super.generate(this.ast)}t.CodeGenerator=class{constructor(e,t,r){this._generator=new a(e,t,r)}generate(){return
this._generator.generate()}}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;var
n,i=(n=r(316))&&n.__esModule?n:{default:n};t.default=class{constructor(e,t){this._cachedMap=null,this._code=t,t
his._opts=e,this._rawMappings=[]}get(){if(!this._cachedMap){const e=this._cachedMap=new
i.default.SourceMapGenerator({sourceRoot:this._opts.sourceRoot}),t=this._code,"string"===typeof
t?e.setSourceContent(this._opts.sourceFileName.replace(/\\/g,"/"),t:"object"===typeof
t&&Object.keys(t).forEach(r=>{e.setSourceContent(r.replace(/\\/g,"/"),t[r])}),this._rawMappings.forEach(t=>e.ad
dMapping(t,e))return this._cachedMap.toJSON()}getRawMappings(){return
this._rawMappings.slice()}mark(e,t,r,n,i,s,a){this._lastGenLine!==e&&null===r||(a||this._lastGenLine===e||this._las
tSourceLine!==r||this._lastSourceColumn!==n)&&(this._cachedMap=null,this._lastGenLine=e,this._lastSourceLine
=r,this._lastSourceColumn=n,this._rawMappings.push({name:i||void
0,generated:{line:e,column:t},source:null===r?void
0:(s||this._opts.sourceFileName).replace(/\\/g,"/"),original:null===r?void
0:{line:r,column:n}})}},function(e,t,r){t.SourceMapGenerator=r(119).SourceMapGenerator,t.SourceMapConsum
er=r(319).SourceMapConsumer,t.SourceNode=r(322).SourceNode},function(e,t){var
r="ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/" .split("");t.encode=function(e){if(0<=e&&e<r.length)return r[e];throw new TypeError("Must be between 0 and 63:
"+e)},t.decode=function(e){return 65<=e&&e<=90?e-65:97<=e&&e<=122?e-97+26:48<=e&&e<=57?e-
48+52:43==e?62:47==e?63:-1}},function(e,t,r){var n=r(25);function
i(){this._array=[],this._sorted=!0,this._last={generatedLine:-
1,generatedColumn:0}}i.prototype.unsortedForEach=function(e,t){this._array.forEach(e,t)},i.prototype.add=function
n(e){var
t,r,i,s,a,o;t=this._last,r=e,i=t.generatedLine,s=r.generatedLine,a=t.generatedColumn,o=r.generatedColumn,s>i||s==i
&&o>=a||n.compareByGeneratedPositionsInflated(t,r)<=0?(this._last=e,this._array.push(e)):this._sorted=!1,this._ar
ray.push(e)},i.prototype.toArray=function(){return
this._sorted||(this._array.sort(n.compareByGeneratedPositionsInflated),this._sorted=!0),this._array},t.MappingList=i
,function(e,t,r){var n=r(25),i=r(320),s=r(121).ArraySet,a=r(120),o=r(321).quickSort;function l(e){var
t=e;return"string"===typeof e&&(t=JSON.parse(e.replace(/^\)\)\)\|\/, ""))),null!=t.sections?new u(t):new
c(t)}function c(e){var t=e;"string"===typeof e&&(t=JSON.parse(e.replace(/^\)\)\)\|\/, ""));var
r=n.getArg(t,"version"),i=n.getArg(t,"sources"),a=n.getArg(t,"names",[]),o=n.getArg(t,"sourceRoot",null),l=n.getAr
g(t,"sourcesContent",null),c=n.getArg(t,"mappings"),p=n.getArg(t,"file",null);if(r!=this._version)throw new
Error("Unsupported version: "+r);i=i.map(String).map(n.normalize).map((function(e){return
o&&n.isAbsolute(o)&&n.isAbsolute(e)?n.relative(o,e):e})),this._names=s.fromArray(a.map(String),!0),this._source
s=s.fromArray(i,!0),this.sourceRoot=o,this.sourcesContent=l,this._mappings=c,this.file=p}function
p(){this.generatedLine=0,this.generatedColumn=0,this.source=null,this.originalLine=null,this.originalColumn=null,
this.name=null}function u(e){var t=e;"string"===typeof e&&(t=JSON.parse(e.replace(/^\)\)\)\|\/, ""));var
r=n.getArg(t,"version"),i=n.getArg(t,"sections");if(r!=this._version)throw new Error("Unsupported version:

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+r);this._sources=new s,this._names=new s;var a={ line:-
1,column:0};this._sections=i.map((function(e){if(e.url)throw new Error("Support for url field in sections not
implemented.");var
t=n.getArg(e,"offset"),r=n.getArg(t,"line"),i=n.getArg(t,"column");if(r<a.line||r===a.line&&i<a.column)throw new
Error("Section offsets must be ordered and non-overlapping.");return
a=t,{generatedOffset:{generatedLine:r+1,generatedColumn:i+1},consumer:new
l(n.getArg(e,"map"))})))l.fromSourceMap=function(e){return
c.fromSourceMap(e),l.prototype._version=3,l.prototype.__generatedMappings=null,Object.defineProperty(l.protot
ype,"_generatedMappings",{get:function(){return
this.__generatedMappings||this._parseMappings(this._mappings,this.sourceRoot),this.__generatedMappings}},l.pro
totype.__originalMappings=null,Object.defineProperty(l.prototype,"_originalMappings",{get:function(){return
this.__originalMappings||this._parseMappings(this._mappings,this.sourceRoot),this.__originalMappings}},l.prototy
pe._charIsMappingSeparator=function(e,t){var
r=e.charAt(t);return;"===r||","===r",l.prototype._parseMappings=function(e,t){throw new Error("Subclasses must
implement
_parseMappings")},l.GENERATED_ORDER=1,l.ORIGINAL_ORDER=2,l.GREATEST_LOWER_BOUND=1,l.L
EAST_UPPER_BOUND=2,l.prototype.eachMapping=function(e,t,r){var
i,s=t||null;switch(r||l.GENERATED_ORDER){case
l.GENERATED_ORDER:i=this._generatedMappings;break;case
l.ORIGINAL_ORDER:i=this._originalMappings;break;default:throw new Error("Unknown order of iteration.")}var
a=this.sourceRoot;i.map((function(e){var t=null===e.source?null:this._sources.at(e.source);return
null!=t&&null!=a&&(t=n.join(a,t)),{source:t,generatedLine:e.generatedLine,generatedColumn:e.generatedColumn,
originalLine:e.originalLine,originalColumn:e.originalColumn,name:null===e.name?null:this._names.at(e.name)})),
this).forEach(e,s)},l.prototype.allGeneratedPositionsFor=function(e){var
t=n.getArg(e,"line"),r={source:n.getArg(e,"source"),originalLine:t,originalColumn:n.getArg(e,"column",0)};if(null!
=this.sourceRoot&&(r.source=n.relative(this.sourceRoot,r.source)),!this._sources.has(r.source))return[];r.source=thi
s._sources.indexOf(r.source);var
s=[],a=this._findMapping(r,this._originalMappings,"originalLine","originalColumn",n.compareByOriginalPositions,
l.LEAST_UPPER_BOUND);if(a>=0){var o=this._originalMappings[a];if(void 0===e.column)for(var
l=o.originalLine;o&&o.originalLine===l;s.push({line:n.getArg(o,"generatedLine",null),column:n.getArg(o,"genera
tedColumn",null),lastColumn:n.getArg(o,"lastGeneratedColumn",null)}),o=this._originalMappings[++a]);else
for(var
c=o.originalColumn;o&&o.originalLine===t&&o.originalColumn===c;s.push({line:n.getArg(o,"generatedLine",nul
l),column:n.getArg(o,"generatedColumn",null),lastColumn:n.getArg(o,"lastGeneratedColumn",null)}),o=this._origi
nalMappings[++a])return
s},t.SourceMapConsumer=l,c.prototype=Object.create(l.prototype),c.prototype.consumer=l,c.fromSourceMap=funct
ion(e){var
t=Object.create(c.prototype),r=t._names=s.fromArray(e._names.toArray(),!0),i=t._sources=s.fromArray(e._sources.t
oArray(),!0);t.sourceRoot=e._sourceRoot,t.sourcesContent=e._generateSourcesContent(t._sources.toArray(),t.source
Root),t.file=e._file;for(var
a=e._mappings.toArray().slice(),l=t.__generatedMappings=[],u=t.__originalMappings=[],d=0,h=a.length;d<h;d++){
var f=a[d],m=new
p;m.generatedLine=f.generatedLine,m.generatedColumn=f.generatedColumn,f.source&&(m.source=i.indexOf(f.sou
rce),m.originalLine=f.originalLine,m.originalColumn=f.originalColumn,f.name&&(m.name=r.indexOf(f.name)),u.p
ush(m)),l.push(m)}return
o(t.__originalMappings,n.compareByOriginalPositions),t},c.prototype._version=3,Object.defineProperty(c.prototype
e,"sources",{get:function(){return this._sources.toArray().map((function(e){return
null!=this.sourceRoot?n.join(this.sourceRoot,e):e}),this)}),c.prototype._parseMappings=function(e,t){for(var

```

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r,i,s,l,c,u=1,d=0,h=0,f=0,m=0,y=0,T=e.length,b=0,g={},S={},x=[],E=[];b<T;if("===e.charAt(b))u++,b++,d=0;else
e if("===e.charAt(b))b++;else{for((r=new
p).generatedLine=u,l=b;l<T&&!this._charIsMappingSeparator(e,l;l++);if(s=g[i=e.slice(b,l)])b+=i.length;else{for(s
=[];b<l;a.decode(e,b,S),c=S.value,b=S.rest,s.push(c);if(2===s.length)throw new Error("Found a source, but no line
and column");if(3===s.length)throw new Error("Found a source and line, but no
column");g[i]=s)r.generatedColumn=d+s[0],d=r.generatedColumn,s.length>1&&(r.source=m+s[1],m+=s[1],r.origin
alLine=h+s[2],h=r.originalLine,r.originalLine+=1,r.originalColumn=f+s[3],f=r.originalColumn,s.length>4&&(r.na
me=y+s[4],y+=s[4])),E.push(r),"number"===typeof
r.originalLine&&x.push(r)}o(E,n.compareByGeneratedPositionsDeflated),this.__generatedMappings=E,o(x,n.comp
areByOriginalPositions),this.__originalMappings=x},c.prototype._findMapping=function(e,t,r,n,s,a){if(e[r]<=0)thro
w new TypeError("Line must be greater than or equal to 1, got "+e[r]);if(e[n]<0)throw new TypeError("Column
must be greater than or equal to 0, got "+e[n]);return
i.search(e,t,s,a),c.prototype.computeColumnSpans=function(){for(var
e=0;e<this._generatedMappings.length;++e){var
t=this._generatedMappings[e];if(e+1<this._generatedMappings.length){var
r=this._generatedMappings[e+1];if(t.generatedLine===r.generatedLine){t.lastGeneratedColumn=r.generatedColumn-1;continue}}t.lastGeneratedColumn=1/0}},c.prototype.originalPositionFor=function(e){var
t={generatedLine:n.getArg(e,"line"),generatedColumn:n.getArg(e,"column")},r=this._findMapping(t,this._generate
dMappings,"generatedLine","generatedColumn",n.compareByGeneratedPositionsDeflated,n.getArg(e,"bias"),l.GRE
ATEST_LOWER_BOUND));if(r>=0){var
i=this._generatedMappings[r];if(i.generatedLine===t.generatedLine){var
s=n.getArg(i,"source",null);null!==s&&(s=this._sources.at(s),null!==this.sourceRoot&&(s=n.join(this.sourceRoot,s))
);var a=n.getArg(i,"name",null);return
null!==a&&(a=this._names.at(a)),{source:s,line:n.getArg(i,"originalLine",null),column:n.getArg(i,"originalColumn
",null),name:a}}return{source:null,line:null,column:null,name:null}},c.prototype.hasContentsOfAllSources=functi
on(){return!!this.sourcesContent&&(this.sourcesContent.length>=this._sources.size())&&!this.sourcesContent.some(
(function(e){return null===e})),c.prototype.sourceContentFor=function(e,t){if(!this.sourcesContent)return
null;if(null!==this.sourceRoot&&(e=n.relative(this.sourceRoot,e)),this._sources.has(e))return
this.sourcesContent[this._sources.indexOf(e)];var r;if(null!==this.sourceRoot&&(r=n.urlParse(this.sourceRoot)){var
i=e.replace(/^file:\\\|\/|"/,"");if("file"===r.scheme&&this._sources.has(i))return
this.sourcesContent[this._sources.indexOf(i)];if(!r.path||"/"===r.path)&&this._sources.has("/"+e))return
this.sourcesContent[this._sources.indexOf("/"+e)]if(t)return null;throw new Error("\'+e+' is not in the
SourceMap.')}),c.prototype.generatedPositionFor=function(e){var
t=n.getArg(e,"source");if(null!==this.sourceRoot&&(t=n.relative(this.sourceRoot,t)),!this._sources.has(t))return{line:
null,column:null,lastColumn:null};var
r={source:t=this._sources.indexOf(t),originalLine:n.getArg(e,"line"),originalColumn:n.getArg(e,"column")},i=this._
findMapping(r,this._originalMappings,"originalLine","originalColumn",n.compareByOriginalPositions,n.getArg(e,"
bias"),l.GREATEST_LOWER_BOUND));if(i>=0){var
s=this._originalMappings[i];if(s.source===r.source)return{line:n.getArg(s,"generatedLine",null),column:n.getArg(s,
"generatedColumn",null),lastColumn:n.getArg(s,"lastGeneratedColumn",null)}return{line:null,column:null,lastCol
umn:null}},t.BasicSourceMapConsumer=c,u.prototype=Object.create(l.prototype),u.prototype.constructor=l,u.proto
type._version=3,Object.defineProperty(u.prototype,"sources",{get:function(){for(var
e=[],t=0;t<this._sections.length;t++)for(var
r=0;r<this._sections[t].consumer.sources.length;r++)e.push(this._sections[t].consumer.sources[r]);return
e}},u.prototype.originalPositionFor=function(e){var
t={generatedLine:n.getArg(e,"line"),generatedColumn:n.getArg(e,"column")},r=i.search(t,this._sections,(function(e,
t){var r=e.generatedLine-t.generatedOffset.generatedLine;return r||e.generatedColumn-
t.generatedOffset.generatedColumn})),s=this._sections[r];return

```

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s?s.consumer.originalPositionFor({line:t.generatedLine-(s.generatedOffset.generatedLine-
1),column:t.generatedColumn-
(s.generatedOffset.generatedLine===t.generatedLine?s.generatedOffset.generatedColumn-
1:0),bias:e.bias}):{source:null,line:null,column:null,name:null}},u.prototype.hasContentsOfAllSources=function(){r
return this._sections.every((function(e){return
e.consumer.hasContentsOfAllSources()})),u.prototype.sourceContentFor=function(e,t){for(var
r=0;r<this._sections.length;r++){var n=this._sections[r].consumer.sourceContentFor(e,!0);if(n)return n}if(t)return
null;throw new Error("\'+e+' is not in the SourceMap.\')}},u.prototype.generatedPositionFor=function(e){for(var
t=0;t<this._sections.length;t++){var r=this._sections[t];if(-
1!==r.consumer.sources.indexOf(n.getArg(e,"source"))){var
i=r.consumer.generatedPositionFor(e);if(i)return{line:i.line+(r.generatedOffset.generatedLine-
1),column:i.column+(r.generatedOffset.generatedLine===i.line?r.generatedOffset.generatedColumn-
1:0)}}}return{line:null,column:null}},u.prototype._parseMappings=function(e,t){this.__generatedMappings=[],this.
__originalMappings=[];for(var r=0;r<this._sections.length;r++){for(var
i=this._sections[r],s=i.consumer._generatedMappings,a=0;a<s.length;a++){var
l=s[a],c=i.consumer._sources.at(l.source);null!==i.consumer.sourceRoot&&(c=n.join(i.consumer.sourceRoot,c)),thi
s._sources.add(c),c=this._sources.indexOf(c);var
p=i.consumer._names.at(l.name);this._names.add(p),p=this._names.indexOf(p);var
u={source:c,generatedLine:l.generatedLine+(i.generatedOffset.generatedLine-
1),generatedColumn:l.generatedColumn+(i.generatedOffset.generatedLine===l.generatedLine?i.generatedOffset.ge
neratedColumn-
1:0),originalLine:l.originalLine,originalColumn:l.originalColumn,name:p};this.__generatedMappings.push(u),"num
ber"===typeof
u.originalLine&&this.__originalMappings.push(u)}o(this.__generatedMappings,n.compareByGeneratedPositionsD
eflated),o(this.__originalMappings,n.compareByOriginalPositions)},t.IndexedSourceMapConsumer=u},function(e,t
){t.GREATEST_LOWER_BOUND=1,t.LEAST_UPPER_BOUND=2,t.search=function(e,r,n,i){if(0===r.length)ret
urn-1;var s=function e(r,n,i,s,a,o){var l=Math.floor((n-r)/2)+r,c=a(i,s[l],!0);return 0===c?!:c>0?n-
l>1?e(l,n,i,s,a,o):o===t.LEAST_UPPER_BOUND?n<s.length?n-1:l:l-
r>1?e(r,l,i,s,a,o):o===t.LEAST_UPPER_BOUND?!:r<0?-1:r}(-
1,r.length,e,r,n,i)|t.GREATEST_LOWER_BOUND);if(s<0)return-1;for(;s-1>=0&&0===n(r[s],r[s-1],!0);)--s;return
s}},function(e,t){function r(e,t,r){var n=e[t];e[t]=e[r],e[r]=n}function n(e,t,i,s){if(i<s){var a=i-
1;r(e,(p=i,u=s,Math.round(p+Math.random()*(u-p))),s);for(var
o=e[s],l=i;l<s;l++)t(e[l],o)<=0&&r(e,a+1,l);r(e,a+1,l);var c=a+1;n(e,t,i,c-1),n(e,t,c+1,s)}var
p,u}t.quickSort=function(e,t){n(e,t,0,e.length-1)},function(e,t,r){var
n=r(119).SourceMapGenerator,i=r(25),s=/(\r?\n)/,a="$$$isSourceNode$$$";function
o(e,t,r,n,i){this.children=[],this.sourceContents={},this.line=null===e?null:e,this.column=null===t?null:t,this.source=
null===r?null:r,this.name=null===i?null:i,this[a]=!0,null!==n&&this.add(n)}o.fromStringWithSourceMap=function(e,t
,r){var n=new o,a=e.split(s),l=0,c=function(){return e()+(e()||"");}function e(){return l<a.length?a[l++]:void
0}},p=1,u=0,d=null;return t.eachMapping((function(e){if(null!==d){if(!(p<e.generatedLine)){var
t=(r=a[l]).substr(0,e.generatedColumn-u);return a[l]=r.substr(e.generatedColumn-
u),u=e.generatedColumn,h(d,t),void(d=e)}h(d,c()),p++,u=0}for(;p<e.generatedLine;)n.add(c()),p++;if(u<e.generat
edColumn){var
r=a[l];n.add(r.substr(0,e.generatedColumn)),a[l]=r.substr(e.generatedColumn),u=e.generatedColumn}d=e}),this),l<a
.length&&(d&&h(d,c()),n.add(a.splice(l).join("")),t.sources.forEach((function(e){var
s=t.sourceContentFor(e);null!=s&&(null!=r&&(e=i.join(r,e)),n.setSourceContent(e,s)})),n;function
h(e,t){if(null===e||void 0===e.source)n.add(t);else{var s=r?i.join(r,e.source):e.source;n.add(new
o(e.originalLine,e.originalColumn,s,t,e.name))}},o.prototype.add=function(e){if(Array.isArray(e))e.forEach((funct
ion(e){this.add(e)}),this);else{if(!e[a]&&"string"!==typeof e)throw new TypeError("Expected a SourceNode, string,

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or an array of SourceNodes and strings. Got "+e);e&&this.children.push(e)}return
this},o.prototype.prepend=function(e){if(Array.isArray(e))for(var t=e.length-1;t>=0;t--
)this.prepend(e[t]);else{if(!e[a]&&"string"!==typeof e)throw new TypeError("Expected a SourceNode, string, or an
array of SourceNodes and strings. Got "+e);this.children.unshift(e)}return
this},o.prototype.walk=function(e){for(var
t,r,n=0,t=this.children.length;r<n;r++)t=this.children[r][a]?t.walk(e):""!==t&&e(t,{source:this.source,line:this.line,c
olumn:this.column,name:this.name}),o.prototype.join=function(e){var
t,r,n=this.children.length;if(n>0){for(t=[],r=0;r<n-
1;r++)t.push(this.children[r]),t.push(e);t.push(this.children[r]),this.children=t}return
this},o.prototype.replaceRight=function(e,t){var r=this.children[this.children.length-1];return
r[a]?r.replaceRight(e,t):"string"===typeof r?this.children[this.children.length-
1]=r.replace(e,t):this.children.push("".replace(e,t)),this},o.prototype.setSourceContent=function(e,t){this.sourceCont
ents[i.toSetString(e)]=t},o.prototype.walkSourceContents=function(e){for(var
t=0,r=this.children.length;t<r;t++)this.children[t][a]&&this.children[t].walkSourceContents(e);var
n=Object.keys(this.sourceContents);for(t=0,r=n.length;t<r;t++)e(i.fromSetString(n[t]),this.sourceContents[n[t]]),o.
prototype.toString=function(){var e="";return
this.walk((function(t){e+=t})),e},o.prototype.toStringWithSourceMap=function(e){var
t={code:"",line:1,column:0},r=new n(e),i=!1,s=null,a=null,o=null,l=null;return
this.walk((function(e,n){t.code+=e,null!==(s=n.source&&null!==(l=n.line&&null!==(o=n.column)?(s===n.source&&a===n.l
ine&&o===n.column&&l===n.name||r.addMapping({source:n.source,original:{line:n.line,column:n.column},gener
ated:{line:t.line,column:t.column},name:n.name}),s=n.source,a=n.line,o=n.column,l=n.name,i=!0):i&&(r.addMappi
ng({generated:{line:t.line,column:t.column})),s=null,i=!1);for(var
c=0,p=e.length;c<p;c++)10===e.charCodeAt(c)?(t.line++,t.column=0,c+1===p?(s=null,i=!1):i&&r.addMapping({s
ource:n.source,original:{line:n.line,column:n.column},generated:{line:t.line,column:t.column},name:n.name})):t.col
umn++)),this.walkSourceContents((function(e,t){r.setSourceContent(e,t)})),{code:t.code,map:r}},t.SourceNode=o
},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;var
n,i=(n=r(324))&&n.__esModule?n:{default:n},s=c(r(122)),a=c(r(0)),o=c(r(327));function l(){if("function"!==typeof
WeakMap)return null;var e=new WeakMap;return l=function(){return e},e}function
c(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var
t=l();if(t&&t.has(e))return t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i
in e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get|s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}return
r.default=e,t&&t.set(e,r,r)const p=/e/i,u=/\./d,/^0[box]/,h=/^\s*[@#]__PURE__\s*$/;class
f{constructor(e,t){this.inForStatementInitCounter=0,this._printStack=[],this._indent=0,this._insideAux=!1,this._prin
tedCommentStarts={},this._parenPushNewLineState=null,this._noLineTerminator=!1,this._printAuxAfterOnNextUs
erNode=!1,this._printedComments=new
WeakSet,this._endsWithInteger=!1,this._endsWithWord=!1,this.format=e||{ },this._buf=new
i.default(t)}generate(e){return
this.print(e),this._maybeAddAuxComment(),this._buf.get()}indent(){this.format.compact||this.format.concise||this._i
ndent++}dedent(){this.format.compact||this.format.concise||this._indent--
}semicolon(e=!1){this._maybeAddAuxComment(),this._append(";",!e)}rightBrace(){this.format.minified&&this._b
uf.removeLastSemicolon(),this.token("")}space(e=!1){this.format.compact||(this._buf.hasContent())&&!this.endsW
ith("
")&&!this.endsWith("\n")||e}&&this._space()}word(e){(this._endsWithWord||this.endsWith("/")&&0===e.indexOf
("/")&&this._space(),this._maybeAddAuxComment(),this._append(e),this._endsWithWord=!0}number(e){this.wor
d(e),this._endsWithInteger=Number.isInteger(+e)&&!d.test(e)&&!p.test(e)&&!u.test(e)&&"!"===e[e.length-
1]}token(e){("--"===e&&this.endsWith("!"||"++"===e[0]&&this.endsWith("+"||"- "===e[0]&&this.endsWith("-
")||"."===e[0]&&this._endsWithInteger)&&this._space(),this._maybeAddAuxComment(),this._append(e)}newline(

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e){if(!this.format.retainLines&&!this.format.compact)if(this.format.concise)this.space();else
if(!(this.endsWith("\n\n")||("number"!==typeof
e&&(e=1),e=Math.min(2,e),(this.endsWith("\n")||this.endsWith(":\n"))&&e--,e<=0)))for(let
t=0;t<e;t++)this._newline()}endsWith(e){return
this._buf.endsWith(e)}removeTrailingNewline(){this._buf.removeTrailingNewline()}exactSource(e,t){this._catchUp
p("start",e),this._buf.exactSource(e,t)}source(e,t){this._catchUp(e,t),this._buf.source(e,t)}withSource(e,t,r){this._cat
chUp(e,t),this._buf.withSource(e,t,r)}_space(){this._append("
",!0)}_newline(){this._append("\n",!0)}_append(e,t=!1){this._maybeAddParen(e),this._maybeIndent(e),t?this._buf.
queue(e):this._buf.append(e),this._endsWithWord=!1,this._endsWithInteger=!1}_maybeIndent(e){this._indent&&t
his.endsWith("\n")&&"\n"!==e[0]&&this._buf.queue(this._getIndent())}_maybeAddParen(e){const
t=this._parenPushNewlineState;if(!t)return;let r;for(r=0;r<e.length&&"
===e[r];r++)continue;if(r===e.length)return;const n=e[r];if("\n"!==n){if("'"!==n||r+1===e.length)return
void(this._parenPushNewlineState=null);const t=e[r+1];if("*"===t){if(h.test(e.slice(r+2,e.length-2)))return}else
if("'"!==t)return
void(this._parenPushNewlineState=null)}this.token(""),this.indent(),t.printed=!0}_catchUp(e,t){if(!this.format.retai
nLines)return;const r=t?t[e]:null;if(null!=(null===r?void 0:r.line)){const e=r.line-this._buf.getCurrentLine();for(let
t=0;t<e;t++)this._newline()}}_getIndent(){return
this.format.indent.style.repeat(this._indent)}startTerminatorless(e=!1){return
e?(this._noLineTerminator=!0,null):this._parenPushNewlineState={printed:!1} }endTerminatorless(e){this._noLine
Terminator=!1,(null===e?void
0:e.printed)&&(this.dedent(),this.newline(),this.token(""))}print(e,t){if(!e)return;const
r=this.format.concise;e._compact&&(this.format.concise=!0);const n=this[e.type];if(!n)throw new
ReferenceError(`unknown node of type ${JSON.stringify(e.type)} with constructor ${JSON.stringify(null===e?void
0:e.constructor.name)}`);this._printStack.push(e);const
i=this._insideAux;this._insideAux=!e.loc,this._maybeAddAuxComment(this._insideAux&&i);let
o=s.needsParens(e,t,this._printStack);this.format.retainFunctionParens&&"FunctionExpression"===e.type&&e.extra
a&&e.extra.parenthesized&&(o=!0),o&&this.token(""),this._printLeadingComments(e);const
l=a.isProgram(e)||a.isFile(e)?null:e.loc;this.withSource("start",l,()=>{n.call(this,e,t)}),this._printTrailingComments(
e),o&&this.token(""),this._printStack.pop(),this.format.concise=r,this._insideAux=i}_maybeAddAuxComment(e){
e&&this._printAuxBeforeComment(),this._insideAux||this._printAuxAfterComment()}_printAuxBeforeComment()
{if(this._printAuxAfterOnNextUserNode)return;this._printAuxAfterOnNextUserNode=!0;const
e=this.format.auxiliaryCommentBefore;e&&this._printComment({type:"CommentBlock",value:e})}_printAuxAfter
Comment(){if(!this._printAuxAfterOnNextUserNode)return;this._printAuxAfterOnNextUserNode=!1;const
e=this.format.auxiliaryCommentAfter;e&&this._printComment({type:"CommentBlock",value:e})}getPossibleRaw(
e){const t=e.extra;if(t&&null!==t.raw&&null!==t.rawValue&&e.value===t.rawValue)return
t.raw}printJoin(e,t,r={}){if(!(null===e?void 0:e.length))return;r.indent&&this.indent();const
n={addNewlines:r.addNewlines};for(let i=0;i<e.length;i++){const
s=e[i];s&&(r.statement&&this._printNewline(!0,s,t,n),this.print(s,t),r.iterator&&r.iterator(s,i),r.separator&&i<e.len
gth-
1&&r.separator.call(this),r.statement&&this._printNewline(!1,s,t,n))}r.indent&&this.dedent()}printAndIndentOnCo
mments(e,t){const
r=e.leadingComments&&e.leadingComments.length>0;r&&this.indent(),this.print(e,t),r&&this.dedent()}printBlock
(e){const
t=e.body;a.isEmptyStatement(t)||this.space(),this.print(t,e)}_printTrailingComments(e){this._printComments(this._g
etComments(!1,e))}_printLeadingComments(e){this._printComments(this._getComments(!0,e,!0)}printInnerCom
ments(e,t=!0){var r;(null===r=e.innerComments)?void
0:r.length}&&(t&&this.indent(),this._printComments(e.innerComments),t&&this.dedent())}printSequence(e,t,r={})
{return r.statement=!0,this.printJoin(e,t,r)} }printList(e,t,r={}){return

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null==r.separator&&(r.separator=m),this.printJoin(e,t,r)}_printNewline(e,t,r,n){if(this.format.retainLines||this.forma
t.compact)return;if(this.format.concise)return void this.space();let
i=0;if(this._buf.hasContent()){e|i|++&&n.addNewlines&&(i+=n.addNewlines(e,t)|0),(e?s.needsWhitespaceBefore:s.ne
edsWhitespaceAfter)(t,r)&&i|++}this.newline(i)}_getComments(e,t){return
t&&(e?t.leadingComments:t.trailingComments)||[]}_printComment(e,t){if(!this.format.shouldPrintComment(e.valu
e))return;if(e.ignore)return;if(this._printedComments.has(e))return;if(this._printedComments.add(e),null!=e.start){if
(this._printedCommentStarts[e.start])return;this._printedCommentStarts[e.start]=!0}const
r="CommentBlock"===e.type,n=r&&!t&&!this._noLineTerminator;n&&this._buf.hasContent()&&this.newline(1),t
his.endsWith("[")||this.endsWith("{")||this.space();let
i=r||this._noLineTerminator?/*$ {e.value}*/^:/$ {e.value} \\n `;if(r&&this.format.indent.adjustMultilineComment){
var s;const t=null==(s=e.loc)?void 0:s.start.column;if(t){const e=new
RegExp("\\\\n\\\\s{1,}+t+"},"g");i=i.replace(e,"\\n")}const
r=Math.max(this._getIndent().length,this.format.retainLines?0:this._buf.getCurrentColumn());i=i.replace(/\\n(?!$)/g,
"\\n"+"
".repeat(r))this.endsWith(")")&&this._space(),this.withSource("start",e.loc,()=>{this._append(i)}),n&&this.newlin
e(1)}_printComments(e,t){if(null===e?void
0:e.length)if(t&&1===e.length&&h.test(e[0].value))this._printComment(e[0],this._buf.hasContent()&&!this.endsW
ith("\\n"));else for(const t of e)this._printComment(t)}printAssertions(e){var t;(null==(t=e.assertions)?void
0:t.length)&&(this.space(),this.word("assert"),this.space(),this.token("{"),this.space(),this.printList(e.assertions,e),th
is.space(),this.token("}"))}function
m(){this.token(","),this.space()}t.default=f,Object.assign(f.prototype,o)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;const n=/^[
\\t+$/;t.default=class{constructor(e){this._map=null,this._buf=[],this._last="",this._queue=[],this._position={line:1,
column:0},this._sourcePosition={identifierName:null,line:null,column:null,filename:null},this._disallowedPop=null
,this._map=e}get(){this._flush();const
e=this._map,t={code:this._buf.join("").trimRight(),map:null,rawMappings:null===e?void
0:e.getRawMappings();return e&&Object.defineProperty(t,"map",{configurable:!0,enumerable:!0,get(){return
this.map=e.get()},set(e){Object.defineProperty(this,"map",{value:e,writable:!0})}}),t}append(e){this._flush();const
{line:t,column:r,filename:n,identifierName:i,force:s}=this._sourcePosition;this._append(e,t,r,i,n,s)}queue(e){if("\\n"
===e)for(;this._queue.length>0&&n.test(this._queue[0][0]);)this._queue.shift();const {line:t,column:r,filename:i,ide
ntifierName:s,force:a}=this._sourcePosition;this._queue.unshift([e,t,r,s,i,a])}_flush(){let
e;for(;e=this._queue.pop();){this._append(...e)}_append(e,t,r,n,i,s){this._buf.push(e),this._last=e[e.length-1];let
a=e.indexOf("\\n"),o=0;for(0!==a&&this._mark(t,r,n,i,s);-
1!==a;){this._position.line++,this._position.column=0,o=a+1,o<e.length&&this._mark(++t,0,n,i,s),a=e.indexOf("\\n"
,o);this._position.column+=e.length-o}_mark(e,t,r,n,i){var
s>null==(s=this._map)||s.mark(this._position.line,this._position.column,e,t,r,n,i)}removeTrailingNewline(){this._que
ue.length>0&&"\\n"===this._queue[0][0]&&this._queue.shift()}removeLastSemicolon(){this._queue.length>0&&"
;"===this._queue[0][0]&&this._queue.shift()}endsWith(e){if(1===e.length){let t;if(this._queue.length>0){const
e=this._queue[0][0];t=e[e.length-1]}else t=this._last;return t===e}const
t=this._last+this._queue.reduce((e,t)=>t[0]+e,"");return e.length<=t.length&&t.slice(-
e.length)===e}hasContent(){return
this._queue.length>0||!this._last}exactSource(e,t){this.source("start",e,!0),t(),this.source("end",e),this._disallowPop
("start",e)}source(e,t,r){e&&!t||this._normalizePosition(e,t,this._sourcePosition,r)}withSource(e,t,r){if(!this._map)re
turn r();const
n=this._sourcePosition.line,i=this._sourcePosition.column,s=this._sourcePosition.filename,a=this._sourcePosition.id
entifierName;this.source(e,t),r(),this._sourcePosition.force&&this._sourcePosition.line===n&&this._sourcePosition
.column===i&&this._sourcePosition.filename===s||this._disallowedPop&&this._disallowedPop.line===n&&this._
disallowedPop.column===i&&this._disallowedPop.filename===s||(this._sourcePosition.line=n,this._sourcePosition.

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column=i,this._sourcePosition.filename=s,this._sourcePosition.identifierName=a,this._sourcePosition.force=!1,this._disallowedPop=null)}_disallowPop(e,t){e&&!t||this._disallowedPop=this._normalizePosition(e,t)}_normalizePosition(e,t,r,n){const i=t?t[e]:null;void 0===r&&(r={identifierName:null,line:null,column:null,filename:null,force:!1});const s=r.line,a=r.column,o=r.filename;return r.identifierName="start"===e&&(null==t?void 0:t.identifierName)||null,r.line=null==i?void 0:i.line,r.column=null==i?void 0:i.column,r.filename=null==t?void 0:t.filename,(n||r.line!==s||r.column!==a||r.filename!==o)&&(r.force=n),r}getCurrentColumn(){const e=this._queue.reduce((e,t)=>t[0]+e,""),t=e.lastIndexOf("\n");return-1===t?this._position.column+e.length:e.length-1-t}getCurrentLine(){const e=this._queue.reduce((e,t)=>t[0]+e,"");let t=0;for(let r=0;r<e.length;r++)"\n"===e[r]&&t++;return this._position.line+t}},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.list=t.nodes=void 0;var n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in e)if(Object.prototype.hasOwnProperty.call(e,s)){var a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e,t&&t.set(e,r);return r}(r(0));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return i=function(){return e},e}function s(e,t={}){return n.isMemberExpression(e)||n.isOptionalMemberExpression(e)?(s(e.object,t),e.computed&&s(e.property,t)):n.isBinary(e)||n.isAssignmentExpression(e)?(s(e.left,t),s(e.right,t)):n.isCallExpression(e)||n.isOptionalCallExpression(e)?(t.hasCall=!0,s(e.callee,t)):n.isFunction(e)?t.hasFunction=!0:n.isIdentifier(e)&&(t.hasHelper=t.hasHelper||a(e.callee)),t)}function a(e){return n.isMemberExpression(e)?a(e.object)||a(e.property):n.isIdentifier(e)?"require"===e.name||"_"===e.name[0]:n.isCallExpression(e)?a(e.callee):!(n.isBinary(e)&&!n.isAssignmentExpression(e))&&(n.isIdentifier(e.left)&&a(e.left)||a(e.right))}function o(e){return n.isLiteral(e)||n.isObjectExpression(e)||n.isArrayExpression(e)||n.isIdentifier(e)||n.isMemberExpression(e)}const l={AssignmentExpression(e){const t=s(e.right);if(t.hasCall&&t.hasHelper||t.hasFunction)return{before:t.hasFunction,after:!0}},SwitchCase:(e,t)=>({before:e.consequent.length||t.cases[0]===e,after:!e.consequent.length&&t.cases[t.cases.length-1]===e}),LogicalExpression(e){if(n.isFunction(e.left)||n.isFunction(e.right))return{after:!0}},Literal(e){if("use strict"===e.value)return{after:!0}},CallExpression(e){if(n.isFunction(e.callee)||a(e))return{before:!0,after:!0}},OptionalCallExpression(e){if(n.isFunction(e.callee))return{before:!0,after:!0}},VariableDeclaration(e){for(let t=0;t<e.declarations.length;t++){const r=e.declarations[t];let n=a(r.id)&&!o(r.init);if(!n){const e=s(r.init);n=a(r.init)&&e.hasCall||e.hasFunction}if(n)return{before:!0,after:!0}},IfStatement(e){if(n.isBlockStatement(e.consequent))return{before:!0,after:!0}},t.nodes=l,l.ObjectProperty=l.ObjectTypeProperty=l.ObjectMethod=function(e,t){if(t.properties[0]===e)return{before:!0}},l.ObjectTypeCallProperty=function(e,t){var r;if(t.callProperties[0]===e&&(null==(r=t.properties)?void 0:r.length))return{before:!0}},l.ObjectTypeIndexer=function(e,t){var r,n;if(t.indexers[0]===e&&(null==(r=t.properties)?void 0:r.length)&&(null==(n=t.callProperties)?void 0:n.length))return{before:!0}},l.ObjectTypeInternalSlot=function(e,t){var r,n,i;if(t.internalSlots[0]===e&&(null==(r=t.properties)?void 0:r.length)&&(null==(n=t.callProperties)?void 0:n.length)&&(null==(i=t.indexers)?void 0:i.length))return{before:!0}};const c={VariableDeclaration:e=>e.declarations.map(e=>e.init),ArrayExpression:e=>e.elements,ObjectExpression:e=>e.properties;t.list=c,[["Function",!0],["Class",!0],["Loop",!0],["LabeledStatement",!0],["SwitchStatement",!0],["TryStatement",!0]].forEach((function([e,t]){ "boolean"===typeof t&&(t={after:t,before:t}),"e.concat(n.FLIPPED_ALIAS_KEYS[e]||[]).forEach((function(e){l[e]=function(){return t}}))})),function(e,t,r){ "use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.NullableTypeAnnotation=function(e,t){return

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n.isArrayTypeAnnotation(t),t.FunctionTypeAnnotation=function(e,t,r){return
n.isUnionTypeAnnotation(t)||n.isIntersectionTypeAnnotation(t)||n.isArrayTypeAnnotation(t)||n.isTypeAnnotation(t)
&& n.isArrowFunctionExpression(r[r.length-3])},t.UpdateExpression=function(e,t){return
o(e,t)||a(e,t)},t.ObjectExpression=function(e,t,r){return
p(r,{considerArrow:!0})},t.DoExpression=function(e,t,r){return
p(r)},t.Binary=function(e,t){if("*"===e.operator&&n.isBinaryExpression(t,{operator:"*"}))return
t.left===e;if(a(e,t))return!0;if(o(e,t)||n.isUnaryLike(t)||n.isAwaitExpression(t))return!0;if(n.isBinary(t)){const
r=t.operator,i=s[r],a=e.operator,o=s[a];if(i===o&&t.right===e&&!n.isLogicalExpression(t)||i>o)return!0}},t.Interse
ctionTypeAnnotation=t.UnionTypeAnnotation=function(e,t){return
n.isArrayTypeAnnotation(t)||n.isNullableTypeAnnotation(t)||n.isIntersectionTypeAnnotation(t)||n.isUnionTypeAnno
tation(t)},t.TSAsExpression=function(){return!0},t.TSTypeAssertion=function(){return!0},t.TSIntersectionType=t.
TSUnionType=function(e,t){return
n.isTSArrayType(t)||n.isTSOptionalType(t)||n.isTSIntersectionType(t)||n.isTSUnionType(t)||n.isTSRestType(t)},t.TS
InferType=function(e,t){return
n.isTSArrayType(t)||n.isTSOptionalType(t)},t.BinaryExpression=function(e,t){return"in"===e.operator&&(n.isVari
ableDeclarator(t)||n.isFor(t)),t.SequenceExpression=function(e,t){if(n.isForStatement(t)||n.isThrowStatement(t)||n.is
ReturnStatement(t)||n.isIfStatement(t)&&t.test===e||n.isWhileStatement(t)&&t.test===e||n.isForInStatement(t)&&t.
right===e||n.isSwitchStatement(t)&&t.discriminant===e||n.isExpressionStatement(t)&&t.expression===e)return!1;r
eturn!0},t.AwaitExpression=t.YieldExpression=function(e,t){return
n.isBinary(t)||n.isUnaryLike(t)||o(e,t)||n.isAwaitExpression(t)&&n.isYieldExpression(e)||n.isConditionalExpression(t)
&&e===t.test||a(e,t)},t.ClassExpression=function(e,t,r){return
p(r,{considerDefaultExports:!0})},t.UnaryLike=t.FunctionExpression=function(e,t,r){return
p(r,{considerDefaultExports:!0})},t.ArrowFunctionExpression=function(e,t){return
n.isExportDeclaration(t)||c(e,t)},t.ConditionalExpression=c,t.OptionalCallExpression=t.OptionalMemberExpression
=function(e,t){return
n.isCallExpression(t,{callee:e})||n.isMemberExpression(t,{object:e})},t.AssignmentExpression=function(e,t,r){retur
n!!n.isObjectPattern(e.left)||c(e,t)},t.LogicalExpression=function(e,t){switch(e.operator){case"||":return!!n.isLogical
Expression(t)&&"??"===t.operator||"&&"===t.operator;case"&&":return
n.isLogicalExpression(t,{operator:"??"});case"??":return n.isLogicalExpression(t)&&"??"!==t.operator}};var
n=function(e){if(e&&e.__esModule)return e;if(null===e|"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e}const
s={"|":0,"?":0,"&&":1,"|":2,"^":3,"&":4,"=":5,"===":5,"!=":5,"!=="5,"<":6,">":6,"<=":6,">=":6,in:6,instanceof:6
,">>":7,"<<":7,">>>":7,"+":8,"-
":8,"*":9,"/":9,"%":9,"***":10},a=(e,t)=>(n.isClassDeclaration(t)||n.isClassExpression(t))&&t.superClass===e,o=(e,t)
=>(n.isMemberExpression(t)||n.isOptionalMemberExpression(t))&&t.object===e|(n.isCallExpression(t)||n.isOptio
nalCallExpression(t)||n.isNewExpression(t))&&t.callee===e||n.isTaggedTemplateExpression(t)&&t.tag===e||n.isTS
NonNullExpression(t);function l(e,t){return o(e,t)||n.isBinaryExpression(t,{operator:"**",left:e})||a(e,t)}function
c(e,t){return!(n.isUnaryLike(t)||n.isBinary(t)||n.isConditionalExpression(t,{test:e})||n.isAwaitExpression(t)||n.isTST
ypeAssertion(t)||n.isTSAsExpression(t))||l(e,t)}function
p(e,{considerArrow:t=!1,considerDefaultExports:r=!1}){let i=e.length-1,s=e[i];i--;let
a=e[i];for(;i>=0;){if(n.isExpressionStatement(a,{expression:s})||r&&n.isExportDefaultDeclaration(a,{declaration:s}
))|t&&n.isArrowFunctionExpression(a,{body:s}))return!0;if(!(o(s,a)&&!n.isNewExpression(a)||n.isSequenceExpres
sion(a)&&a.expressions[0]===s)||n.isConditional(a,{test:s})||n.isBinary(a,{left:s})||n.isAssignmentExpression(a,{left

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:s)))return!1;s=a,i--,a=e[i]}return!1}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0});var
n=r(328);Object.keys(n).forEach((function(e){"default"!==e&&"__esModule"!==e&&(e in
t&&t[e]===n[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return n[e]}})})));var
i=r(329);Object.keys(i).forEach((function(e){"default"!==e&&"__esModule"!==e&&(e in
t&&t[e]===i[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return i[e]}})})));var
s=r(330);Object.keys(s).forEach((function(e){"default"!==e&&"__esModule"!==e&&(e in
t&&t[e]===s[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return s[e]}})})));var
a=r(331);Object.keys(a).forEach((function(e){"default"!==e&&"__esModule"!==e&&(e in
t&&t[e]===a[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return a[e]}})})));var
o=r(332);Object.keys(o).forEach((function(e){"default"!==e&&"__esModule"!==e&&(e in
t&&t[e]===o[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return o[e]}})})));var
l=r(123);Object.keys(l).forEach((function(e){"default"!==e&&"__esModule"!==e&&(e in
t&&t[e]===l[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return l[e]}})})));var
c=r(124);Object.keys(c).forEach((function(e){"default"!==e&&"__esModule"!==e&&(e in
t&&t[e]===c[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return c[e]}})})));var
p=r(334);Object.keys(p).forEach((function(e){"default"!==e&&"__esModule"!==e&&(e in
t&&t[e]===p[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return p[e]}})})));var
u=r(335);Object.keys(u).forEach((function(e){"default"!==e&&"__esModule"!==e&&(e in
t&&t[e]===u[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return u[e]}})})));var
d=r(336);Object.keys(d).forEach((function(e){"default"!==e&&"__esModule"!==e&&(e in
t&&t[e]===d[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return d[e]}})})));var
h=r(337);Object.keys(h).forEach((function(e){"default"!==e&&"__esModule"!==e&&(e in
t&&t[e]===h[e]||Object.defineProperty(t,e,{enumerable:!0,get:function(){return h[e]}})}))));function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.TaggedTemplateExpression=function(e){this.print(e.tag,
e),this.print(e.typeParameters,e),this.print(e.quasi,e)},t.TemplateElement=function(e,t){const
r=t.quasis[0]===e,n=t.quasis[t.quasis.length-
1]===e,i=(r?" ":"")+e.value.raw+(n?" ":"$");this.token(i)},t.TemplateLiteral=function(e){const t=e.quasis;for(let
r=0;r<t.length;r++)this.print(t[r],e),r+1<t.length&&this.print(e.expressions[r],e)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.UnaryExpression=function(e){"void"===e.operator||"del
ete"===e.operator||"typeof"===e.operator||"throw"===e.operator?(this.word(e.operator),this.space()):this.token(e.op
erator);this.print(e.argument,e)},t.DoExpression=function(e){this.word("do"),this.space(),this.print(e.body,e)},t.Pare
nthesizedExpression=function(e){this.token("("),this.print(e.expression,e),this.token(")")},t.UpdateExpression=funct
ion(e){e.prefix?(this.token(e.operator),this.print(e.argument,e)):(this.startTerminatorless(!0),this.print(e.argument,e),
this.endTerminatorless(),this.token(e.operator))},t.ConditionalExpression=function(e){this.print(e.test,e),this.space()
,this.token("?" ),this.space(),this.print(e.consequent,e),this.space(),this.token(":"),this.space(),this.print(e.alternate,e)
},t.NewExpression=function(e,t){if(this.word("new"),this.space(),this.print(e.callee,e),this.format.minified&&0===e.
arguments.length&&!e.optional&&!n.isCallExpression(t,{callee:e})&&!n.isMemberExpression(t)&&!n.isNewExpr
ession(t))return;this.print(e.typeArguments,e),this.print(e.typeParameters,e),e.optional&&this.token("?");this.token(
""),this.printList(e.arguments,e),this.token(")"),t.SequenceExpression=function(e){this.printList(e.expressions,e)
},t.ThisExpression=function(){this.word("this")},t.Super=function(){this.word("super")},t.Decorator=function(e){this
.token "@" ,this.print(e.expression,e),this.newline(),t.OptionalMemberExpression=function(e){if(this.print(e.objec
t,e),!e.computed&&n.isMemberExpression(e.property))throw new TypeError("Got a MemberExpression for
MemberExpression property");let t=e.computed;n.isLiteral(e.property)&&"number"===typeof
e.property.value&&(t=!0);e.optional&&this.token("?.");t?(this.token("[",this.print(e.property,e),this.token("]")):(e.o
ptional||this.token(".",this.print(e.property,e))),t.OptionalCallExpression=function(e){this.print(e.callee,e),this.print
(e.typeArguments,e),this.print(e.typeParameters,e),e.optional&&this.token("?.");this.token("("),this.printList(e,argu
ments,e),this.token(")"),t.CallExpression=function(e){this.print(e.callee,e),this.print(e.typeArguments,e),this.print(

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e.typeParameters,e),this.token("("),this.printList(e.arguments,e),this.token(")"),t.Import=function(){this.word("import")},t.EmptyStatement=function(){this.semicolon(!0)},t.ExpressionStatement=function(e){this.print(e.expression,e),this.semicolon()},t.AssignmentPattern=function(e){this.print(e.left,e),e.left.optional&&this.token("?");this.print(e.left.typeAnnotation,e),this.space(),this.token("="),this.space(),this.print(e.right,e)},t.LogicalExpression=t.BinaryExpression=t.AssignmentExpression=function(e,t){const
r=this.inForStatementInitCounter&&"in"===e.operator&&!i.needsParens(e,t);r&&this.token("(");this.print(e.left,e),this.space(),"in"===e.operator||"instanceof"===e.operator?this.word(e.operator):this.token(e.operator);this.space(),this.print(e.right,e),r&&this.token(")"),t.BindExpression=function(e){this.print(e.object,e),this.token(":"),this.print(e.callee,e)},t.MemberExpression=function(e){if(this.print(e.object,e),!e.computed&&n.isMemberExpression(e.property))throw new TypeError("Got a MemberExpression for MemberExpression property");let
t=e.computed;n.isLiteral(e.property)&&"number"===typeof
e.property.value&&(t=!0);t?(this.token("["),this.print(e.property,e),this.token("]")):(this.token("."),this.print(e.property,e)),t.MetaProperty=function(e){this.print(e.meta,e),this.token("."),this.print(e.property,e)},t.PrivateName=function(e){this.token("#"),this.print(e.id,e)},t.V8IntrinsicIdentifier=function(e){this.token("%"),this.word(e.name)},t.AwaitExpression=t.YieldExpression=void 0;var n=a(r(0)),i=a(r(122));function s(){if("function"!==typeof
WeakMap)return null;var e=new WeakMap;return s=function(){return e},e}function
a(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var
t=s();if(t&&t.has(e))return t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i
in e)if(Object.prototype.hasOwnProperty.call(e,i)){var
a=n?Object.getOwnPropertyDescriptor(e,i):null;a&&(a.get||a.set)?Object.defineProperty(r,i,a):r[i]=e[i]}return
r.default=e,t&&t.set(e,r,r)}function o(e){return
function(t){if(this.word(e),t.delegate&&this.token("*"),t.argument){this.space();const
e=this.startTerminatorless();this.print(t.argument,t),this.endTerminatorless(e)}}}const
l=o("yield");t.YieldExpression=l;const c=o("await");t.AwaitExpression=c},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.WithStatement=function(e){this.word("with"),this.space(
),this.token("("),this.print(e.object,e),this.token(")"),this.printBlock(e)},t.IfStatement=function(e){this.word("if"),thi
s.space(),this.token("("),this.print(e.test,e),this.token(")"),this.space();const t=e.alternate&&n.isIfStatement(function
e(t){return
n.isStatement(t.body)?e(t.body):t}(e.consequent));t&&(this.token("{"),this.newline(),this.indent());this.printAndInd
entOnComments(e.consequent,e),t&&(this.dedent(),this.newline(),this.token("}"));e.alternate&&(this.endsWith("
")&&this.space(),this.word("else"),this.space(),this.printAndIndentOnComments(e.alternate,e)),t.ForStatement=fun
ction(e){this.word("for"),this.space(),this.token("("),this.inForStatementInitCounter++,this.print(e.init,e),this.inForS
tatementInitCounter--,
this.token(";"),e.test&&(this.space(),this.print(e.test,e));this.token(";"),e.update&&(this.space(),this.print(e.update,e
));this.token(")"),this.printBlock(e)},t.WhileStatement=function(e){this.word("while"),this.space(),this.token("("),thi
s.print(e.test,e),this.token(")"),this.printBlock(e)},t.DoWhileStatement=function(e){this.word("do"),this.space(),this.
print(e.body,e),this.space(),this.word("while"),this.space(),this.token("("),this.print(e.test,e),this.token(")"),this.semi
colon(),t.LabeledStatement=function(e){this.print(e.label,e),this.token(":"),this.space(),this.print(e.body,e)},t.TrySt
atement=function(e){this.word("try"),this.space(),this.print(e.block,e),this.space(),e.handlers?this.print(e.handlers[0
],e):this.print(e.handler,e);e.finalizer&&(this.space(),this.word("finally"),this.space(),this.print(e.finalizer,e)),t.Catch
Clause=function(e){this.word("catch"),this.space(),e.param&&(this.token("("),this.print(e.param,e),this.print(e.para
m.typeAnnotation,e),this.token(")"),this.space());this.print(e.body,e)},t.SwitchStatement=function(e){this.word("swi
tch"),this.space(),this.token("("),this.print(e.discriminant,e),this.token(")"),this.space(),this.token("{"),this.printSequ
ence(e.cases,e,{indent:!0,addNewlines(t,r){if(!t&&e.cases[e.cases.length-1]===r)return-
1}},this.token("}")),t.SwitchCase=function(e){e.test?(this.word("case"),this.space(),this.print(e.test,e),this.token(":
")):(this.word("default"),this.token(":"));e.consequent.length&&(this.newline(),this.printSequence(e.consequent,e,{i
ndent:!0})),t.DebuggerStatement=function(){this.word("debugger"),this.semicolon(),t.VariableDeclaration=functi
on(e,t){e.declare&&(this.word("declare"),this.space());this.word(e.kind),this.space();let

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r,i=!1;if(!n.isFor(t))for(const t of
e.declarations)t.init&&(i=!0);i&&(r="const"===e.kind?f:h);if(this.printList(e.declarations,e,{ separator:r}),n.isFor(t)
&&(t.left===e||t.init===e))return;this.semicolon(),t.VariableDeclarator=function(e){this.print(e.id,e),e.definite&&t
his.token("!");this.print(e.id.typeAnnotation,e),e.init&&(this.space(),this.token("="),this.space(),this.print(e.init,e))},
t.ThrowStatement=t.BreakStatement=t.ReturnStatement=t.ContinueStatement=t.ForOfStatement=t.ForInStatement=
void 0;var n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{ default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){ var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e}const s=function(e){return
function(t){this.word("for"),this.space(),"of"===e&&t.await&&(this.word("await"),this.space()),this.token("("),this
.print(t.left,t),this.space(),this.word(e),this.space(),this.print(t.right,t),this.token(")"),this.printBlock(t)},a=s("in");t.F
orInStatement=a;const o=s("of");function l(e,t="label"){return function(r){this.word(e);const
n=r[t];if(n){ this.space();const
e="label"==t,i=this.startTerminatorless(e);this.print(n,r),this.endTerminatorless(i)}this.semicolon()}}t.ForOfStatem
ent=o;const c=l("continue");t.ContinueStatement=c;const p=l("return","argument");t.ReturnStatement=p;const
u=l("break");t.BreakStatement=u;const d=l("throw","argument");function
h(){if(this.token(","),this.newline(),this.endsWith("\n"))for(let e=0;e<4;e++)this.space(!0)}function
f(){if(this.token(","),this.newline(),this.endsWith("\n"))for(let
e=0;e<6;e++)this.space(!0)}t.ThrowStatement=d},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.ClassExpression=t.ClassDeclaration=function(e,t){this.f
ormat.decoratorsBeforeExport&&(n.isExportDefaultDeclaration(t)||n.isExportNamedDeclaration(t))||this.printJoin(e
.decorators,e);e.declare&&(this.word("declare"),this.space());e.abstract&&(this.word("abstract"),this.space());this.w
ord("class"),e.id&&(this.space(),this.print(e.id,e));this.print(e.typeParameters,e),e.superClass&&(this.space(),this.w
ord("extends"),this.space(),this.print(e.superClass,e),this.print(e.superTypeParameters,e));e.implements&&(this.spa
ce(),this.word("implements"),this.space(),this.printList(e.implements,e));this.space(),this.print(e.body,e)},t.ClassBo
dy=function(e){this.token("{"),this.printInnerComments(e),0===e.body.length?this.token("}):(this.newline(),this.i
ndent(),this.printSequence(e.body,e),this.dedent(),this.endsWith("\n"))||this.newline(),this.rightBrace()}},t.ClassProp
erty=function(e){this.printJoin(e.decorators,e),this.tsPrintClassMemberModifiers(e,!0),e.computed?(this.token("["),t
his.print(e.key,e),this.token("]")):(this._variance(e),this.print(e.key,e));e.optional&&this.token("?");e.definite&&this
.token("!");this.print(e.typeAnnotation,e),e.value&&(this.space(),this.token("="),this.space(),this.print(e.value,e));thi
s.semicolon(),t.ClassPrivateProperty=function(e){this.printJoin(e.decorators,e),e.static&&(this.word("static"),this.s
pace());this.print(e.key,e),this.print(e.typeAnnotation,e),e.value&&(this.space(),this.token("="),this.space(),this.print
(e.value,e));this.semicolon(),t.ClassMethod=function(e){this._classMethodHead(e),this.space(),this.print(e.body,e)
},t.ClassPrivateMethod=function(e){this._classMethodHead(e),this.space(),this.print(e.body,e)},t._classMethodHea
d=function(e){this.printJoin(e.decorators,e),this.tsPrintClassMemberModifiers(e,!1),this._methodHead(e)},t.StaticB
lock=function(e){this.word("static"),this.space(),this.token("{"),0===e.body.length?this.token("}):(this.newline(),t
his.printSequence(e.body,e,{ indent:!0}),this.rightBrace());var n=function(e){if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{ default:e};var t=i();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){ var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t._params=function(e){this.print(e.typeParameters,e),this.t
oken("("),this._parameters(e.params,e),this.token(")"),this.print(e.returnType,e)},t._parameters=function(e,t){for(let

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r=0;r<e.length;r++)this._param(e[r],t),r<e.length-
1&&(this.token(", "),this.space()),t._param=function(e,t){this.printJoin(e.decorators,e),this.print(e,t),e.optional&&t
his.token("?");this.print(e.typeAnnotation,e)},t._methodHead=function(e){const
t=e.kind,r=e.key;"get"!==t&&"set"!==t||(this.word(t),this.space());e.async&&(this._catchUp("start",r.loc),this.word(
"async"),this.space());"method"!==t&&"init"!==t||e.generator&&this.token("*");e.computed?(this.token("["),this.pri
nt(r,e),this.token("]")):this.print(r,e);e.optional&&this.token("?");this._params(e)},t._predicate=function(e){e.predic
ate&&(e.returnType||this.token(":"),this.space(),this.print(e.predicate,e))},t._functionHead=function(e){e.async&&(
this.word("async"),this.space());this.word("function"),e.generator&&this.token("*");this.space(),e.id&&this.print(e.i
d,e);this._params(e),this._predicate(e)},t.FunctionDeclaration=t.FunctionExpression=function(e){this._functionHea
d(e),this.space(),this.print(e.body,e)},t.ArrowFunctionExpression=function(e){e.async&&(this.word("async"),this.s
pace());const t=e.params[0];1===e.params.length&&n.isIdentifier(t)&&!function(e,t){return
e.typeParameters||e.returnType||t.typeAnnotation||t.optional||t.trailingComments}(e,t)?(this.format.retainLines||e.asy
nc)&&e.loc&&e.body.loc&&e.loc.start.line<e.body.loc.start.line?(this.token("("),t.loc&&t.loc.start.line>e.loc.start.l
ine?(this.indent(),this.print(t,e),this.dedent(),this._catchUp("start",e.body.loc)):this.print(t,e),this.token(")")):this.pri
nt(t,e):this._params(e);this._predicate(e),this.space(),this.token("=>"),this.space(),this.print(e.body,e)};var
n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e},function(e,t,r){ "use strict";const n={},i=n.hasOwnProperty,s=(e,t)=>{ for(const r in
e)i.call(e,r)&&t(r,e[r])},a=n.toString,o=Array.isArray,l=Buffer.isBuffer,c={"'':\\"\\",'"':\\"\\","\b":\\"\\b",
"\f":\\"\\f", "\n":\\"\\n", "\r":\\"\\r", "\t":\\"\\t"},p="/[\\b\\f\\n\\r\\t]/,u="/[0-9]/,d="/[#-&\\(-|_|_a-
~]/,h=(e,t)=>{ const
r()=>{S=g,++t.indentLevel,g=t.indent.repeat(t.indentLevel)},n={escapeEverything:!1,minimal:!1,isScriptContext:
!1,quotes:"single",wrap:!1,es6:!1,json:!1,compact:!0,lowercaseHex:!1,numbers:"decimal",indent:"\t",indentLevel:0,
__inline1__:!1,__inline2__:!1},i=t&&t.json;var
f,m;i&&(n.quotes="double",n.wrap=!0),f=n,"single"!=(t=(m=t)?(s(m,(e,t)=>{ f[e]=t}),f):f).quotes&&"double"!=t.qu
otes&&"backtick"!=t.quotes&&(t.quotes="single");const
y="double"==t.quotes?"\`:":t.quotes=="\`":T=t.compact,b=t.lowercaseHex;let
g=t.indent.repeat(t.indentLevel),S="";const x=t.__inline1__,E=t.__inline2__,P=T?"":'\n';let v,A=!0;const
w="binary"==t.numbers,O="octal"==t.numbers,I="decimal"==t.numbers,C="hexadecimal"==t.numbers;if(i&&e&
&"function"==typeof e.toJSON&&(e=e.toJSON()),!(e=>"string"==typeof e||"[object
String]"==a.call(e)(e)){if((e=>"[object Map]"==a.call(e)(e))return 0==e.size?"new
Map()):(T||(t.__inline1__=!0,t.__inline2__=!1),"new Map("+h(Array.from(e,t))+")");if((e=>"[object
Set]"==a.call(e)(e))return 0==e.size?"new Set()":"new Set("+h(Array.from(e,t))+")";if(l(e))return
0==e.length?"Buffer.from([])":"Buffer.from("+h(Array.from(e,t))+")";if(o(e))return
v=[],t.wrap=!0,x&&(t.__inline1__=!1,t.__inline2__=!0),E||r(),((e,t)=>{ const r=e.length;let n=-
1;for(;++n<r;)t(e[n])})(e,e=>{ A=!1,E&&(t.__inline2__=!1),v.push((T||E?"":g)+h(e,t)),A?"[]":E?"["+v.join(
")+"]":["+P+v.join(", "+P)+P+(T?"":S)+"]");if(!(e=>"number"==typeof e||"[object
Number]"==a.call(e)(e))return(e=>"[object
Object]"==a.call(e)(e)?(v=[],t.wrap=!0,r(),s(e,(e,r)=>{ A=!1,v.push((T?"":g)+h(e,t)+":"+h(r,t)),A?"{ }":"{ "+P+v.join(
", "+P)+P+(T?"":S)+"}"):i?JSON.stringify(e)||"null":String(e);if(i)return
JSON.stringify(e);if(I)return String(e);if(C){ let t=e.toString(16);return
b||(t=t.toUpperCase(),"0x"+t)if(w)return"0b"+e.toString(2);if(O)return"0o"+e.toString(8)}const N=e;let k=-1;const
D=N.length;for(v="";++k<D;){ const e=N.charAt(k);if(t.es6){ const
e=N.charCodeAtAt(k);if(e>=55296&&e<=56319&&D>k+1){ const
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t=N.charCodeAtAt(k+1);if(t>=56320&&t<=57343){let r=(1024*(e-55296)+t-
56320+65536).toString(16);b||(r=r.toUpperCase(),v+="\\u{"+r+"}",++k;continue)}}if(!t.escapeEverything){if(d.t
est(e)){v+=e;continue}if("\\'==e){v+=y==e?"\\'":e;continue}if("\\==e){v+=y==e?"\\":e;continue}if("\\==e){v
+=y==e?"\\":e;continue}if("\\0"==e&&!i&&!u.test(N.charCodeAt(k+1))){v+="\\0";continue}if(p.test(e)){v+=c[e];c
ontinue}const r=e.charCodeAt(0);if(t.minimal&&8232!r&&8233!r){v+=e;continue}let
n=r.toString(16);b||(n=n.toUpperCase());const s=n.length>2|i,a="\\{"+(s?"u":"x")+("0000"+n).slice(s?-4:-
2);v+=a}return
t.wrap&&(v=y+v+y),"=="=y&&(v=v.replace(/\\$\\{/g,"\\${"}),t.isScriptContext?v.replace(/<\\(script|style)/gi,"<\\
\\$1").replace(/\\x3c!--/g,i?"\\u003C!--": "\\x3C!--"):v};h.version="2.5.2",e.exports=h},function(e,t,r){ "use
strict";Object.defineProperty(t, "__esModule", { value: !0 }); t.AnyTypeAnnotation = function() { this.word("any") }, t.ArrayTypeAnnotation = function(e) { this.print(e.elementType, e), this.token("[", this.token("]")) }, t.BooleanTypeAnnotation = function() { this.word("boolean") }, t.BooleanLiteralTypeAnnotation = function(e) { this.word(e.value ? "true" : "false") }, t.NullLiteralTypeAnnotation = function() { this.word("null") }, t.DeclareClass = function(e, t) { n.isDeclareExportDeclaration(t) || (this.word("declare"), this.space()); this.word("class"), this.space(), this._interfaceish(e) }, t.DeclareFunction = function(e, t) { n.isDeclareExportDeclaration(t) || (this.word("declare"), this.space()); this.word("function"), this.space(), this.print(e.id, e), this.print(e.id.typeAnnotation.typeAnnotation, e), e.predicate && (this.space(), this.print(e.predicate, e)); this.semicolon() }, t.InferredPredicate = function() { this.token("%"), this.word("checks") }, t.DeclaredPredicate = function(e) { this.token("%"), this.word("checks"), this.token("("), this.print(e.value, e), this.token(")") }, t.DeclareInterface = function(e) { this.word("declare"), this.space(), this.InterfaceDeclaration(e) }, t.DeclareModule = function(e) { this.word("declare"), this.space(), this.word("module"), this.space(), this.print(e.id, e), this.space(), this.print(e.body, e) }, t.DeclareModuleExports = function(e) { this.word("declare"), this.space(), this.word("module"), this.token("."), this.word("exports"), this.print(e.typeAnnotation, e) }, t.DeclareTypeAlias = function(e) { this.word("declare"), this.space(), this.TypeAlias(e) }, t.DeclareOpaqueType = function(e, t) { n.isDeclareExportDeclaration(t) || (this.word("declare"), this.space()); this.OpaqueType(e) }, t.DeclareVariable = function(e, t) { n.isDeclareExportDeclaration(t) || (this.word("declare"), this.space()); this.word("var"), this.space(), this.print(e.id, e), this.print(e.id.typeAnnotation, e), this.semicolon() }, t.DeclareExportDeclaration = function(e) { this.word("declare"), this.space(), this.word("export"), this.space(), e.default && (this.word("default"), this.space()); p.apply(this, arguments) }, t.DeclareExportAllDeclaration = function() { this.word("declare"), this.space(), i.ExportAllDeclaration.apply(this, arguments) }, t.EnumDeclaration = function(e) { const { id: t, body: r } = e; this.word("enum"), this.space(), this.print(t, e), this.print(r, e) }, t.EnumBooleanBody = function(e) { const { explicitType: t } = e; o(this, "boolean", t), l(this, e) }, t.EnumNumberBody = function(e) { const { explicitType: t } = e; o(this, "number", t), l(this, e) }, t.EnumStringBody = function(e) { const { explicitType: t } = e; o(this, "string", t), l(this, e) }, t.EnumSymbolBody = function(e) { o(this, "symbol", !0), l(this, e) }, t.EnumDefaultedMember = function(e) { const { id: t } = e; this.print(t, e), this.token(",") }, t.EnumBooleanMember = function(e) { c(this, e) }, t.EnumNumberMember = function(e) { c(this, e) }, t.EnumStringMember = function(e) { c(this, e) }, t.ExistsTypeAnnotation = function() { this.token("*") }, t.FunctionTypeAnnotation = function(e, t) { this.print(e.typeParameters, e), this.token("("), this.printList(e.params, e), e.rest && (e.params.length && (this.token(", "), this.space()), this.token("..."), this.print(e.rest, e)); this.token(")"), "ObjectTypeCallProperty" === t.type || "DeclareFunction" === t.type || "ObjectTypeProperty" === t.type && t.method ? this.token("):") : (this.space(), this.token("=>")); this.space(), this.print(e.returnType, e) }, t.FunctionTypeParam = function(e) { this.print(e.name, e), e.optional && this.token("?"); e.name && (this.token(":"), this.space()); this.print(e.typeAnnotation, e) }, t.GenericTypeAnnotation = t.ClassImplements = t.InterfaceExtends = function(e) { this.print(e.id, e), this.print(e.typeParameters, e) }, t._interfaceish = function(e) { this.print(e.id, e), this.print(e.typeParameters, e), e.extends.length && (this.space(), this.word("extends"), this.space(), this.printList(e.extends, e)); e.mixins && e.mixins.length && (this.space(), this.word("mixins"), this.space(), this.printList(e.mixins, e)); e.implements && e.implements.length && (this.space(), this.word("implements"), this.space(), this.printList(e.implements, e)); this.space(), this.print(e.body, e) }, t._variance = function(e) { e.variance && ("plus" === e.variance.kind ? this.token("+") : "minus" === e.variance.kind && this.token("-")) }, t.InterfaceDeclaration = function(e) { this.word("interface"), this.space(), this._interfaceish(e) }, t.InterfaceTypeAnnotation = function(e) { this.word("interface"), e.extends && e.extends.length && (this.space(), this.word("extends"), this.space(), this.printList(e.extends, e)); this.space(), this.print(e.body, e) }, t.IntersectionTypeAnnotation = function(e) { this.pr

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intJoin(e.types,e,{separator:u})),t.MixedTypeAnnotation=function(){this.word("mixed")},t.EmptyTypeAnnotation=
function(){this.word("empty")},t.NullableTypeAnnotation=function(e){this.token("?"),this.print(e.typeAnnotation,e
)},t.NumberTypeAnnotation=function(){this.word("number")},t.StringTypeAnnotation=function(){this.word("strin
g")},t.ThisTypeAnnotation=function(){this.word("this")},t.TupleTypeAnnotation=function(e){this.token("["),this.pr
intList(e.types,e),this.token("]")},t.TypeOfTypeAnnotation=function(e){this.word("typeof"),this.space(),this.print(e
.argument,e)},t.TypeAlias=function(e){this.word("type"),this.space(),this.print(e.id,e),this.print(e.typeParameters,e),t
his.space(),this.token("="),this.space(),this.print(e.right,e),this.semicolon()},t.TypeAnnotation=function(e){this.toke
n(":"),this.space(),e.optional&&this.token("?");this.print(e.typeAnnotation,e)},t.TypeParameterDeclaration=t.TypeP
arameterInstantiation=function(e){this.token("<"),this.printList(e.params,e,{}),this.token(">")},t.TypeParameter=fu
nction(e){this._variance(e),this.word(e.name),e.bound&&this.print(e.bound,e);e.default&&(this.space(),this.token("
="),this.space(),this.print(e.default,e))},t.OpaqueType=function(e){this.word("opaque"),this.space(),this.word("type
"),this.space(),this.print(e.id,e),this.print(e.typeParameters,e),e.supertype&&(this.token(":"),this.space(),this.print(e.s
upertype,e));e.impltype&&(this.space(),this.token("="),this.space(),this.print(e.impltype,e));this.semicolon()},t.ObjectTypeAnnotation=function(e){e.exact?this.token("{}"):this.token("{}");const
t=e.properties.concat(e.callProperties||[],e.indexers||[],e.internalSlots||[]);t.length&&(this.space(),this.printJoin(t,e,{a
ddNewlines(e){if(e&&!t[0])return
1},indent:!0,statement:!0,iterator:()=>{(1!==(t.length||e.inexact)&&(this.token(", "),this.space()))},this.space());e.inex
act&&(this.indent(),this.token("..."),t.length&&this.newline(),this.dedent());e.exact?this.token("{}"):this.token("{}")
},t.ObjectTypeInternalSlot=function(e){e.static&&(this.word("static"),this.space());this.token("["),this.token("["),thi
s.print(e.id,e),this.token("]"),this.token("]"),e.optional&&this.token("?");e.method||(this.token(":"),this.space());this.
print(e.value,e)},t.ObjectTypeCallProperty=function(e){e.static&&(this.word("static"),this.space());this.print(e.valu
e,e)},t.ObjectTypeIndexer=function(e){e.static&&(this.word("static"),this.space());this._variance(e),this.token("["),
e.id&&(this.print(e.id,e),this.token(":"),this.space());this.print(e.key,e),this.token("]"),this.token(":"),this.space(),this
.print(e.value,e)},t.ObjectTypeProperty=function(e){e.proto&&(this.word("proto"),this.space());e.static&&(this.wor
d("static"),this.space());"get"!==e.kind&&"set"!==e.kind||(this.word(e.kind),this.space());this._variance(e),this.print
(e.key,e),e.optional&&this.token("?");e.method||(this.token(":"),this.space());this.print(e.value,e)},t.ObjectTypeSpre
adProperty=function(e){this.token("..."),this.print(e.argument,e)},t.QualifiedTypeIdentifier=function(e){this.print(e.
qualification,e),this.token("."),this.print(e.id,e)},t.SymbolTypeAnnotation=function(){this.word("symbol")},t.Union
TypeAnnotation=function(e){this.printJoin(e.types,e,{separator:d})},t.TypeCastExpression=function(e){this.token("
"),this.print(e.expression,e),this.print(e.typeAnnotation,e),this.token(")"),t.Variance=function(e){"plus"===e.kind?
this.token("+"):this.token("-
")},t.VoidTypeAnnotation=function(){this.word("void")},Object.defineProperty(t,"NumberLiteralTypeAnnotation",
{enumerable:!0,get:function(){return
s.NumericLiteral}}),Object.defineProperty(t,"StringLiteralTypeAnnotation",{enumerable:!0,get:function(){return
s.StringLiteral}});var n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof
e&&"function"!==typeof e)return{default:e};var t=a();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0)),i=r(123),s=r(124);function a(){if("function"!==typeof WeakMap)return null;var e=new
WeakMap;return a=function(){return e},e}function
o(e,t,r){r&&(e.space(),e.word("of"),e.space(),e.word(t),e.space())}function
l(e,t){const{members:r}=t;e.token("{"),e.indent(),e.newline();for(const n of
r)e.print(n,t),e.newline();e.dedent(),e.token(")")}function
c(e,t){const{id:r,init:n}=t;e.print(r,t),e.space(),e.token("="),e.space(),e.print(n,t),e.token(",")}function
p(e){if(e.declaration){const t=e.declaration;this.print(t,e),n.isStatement(t)||this.semicolon()}else
this.token("{"),e.specifiers.length&&(this.space(),this.printList(e.specifiers,e),this.space()),this.token(")"),e.source&
&(this.space(),this.word("from"),this.space(),this.print(e.source,e)),this.semicolon()}function

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u(){this.space(),this.token("&"),this.space()}function
d(){this.space(),this.token(""),this.space()}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.File=function(e){e.program&&this.print(e.program.inter
preter,e);this.print(e.program,e)},t.Program=function(e){this.printInnerComments(e,!1),this.printSequence(e.directi
ves,e),e.directives&&e.directives.length&&this.newline();this.printSequence(e.body,e)},t.BlockStatement=function(
e){var t;this.token("{"),this.printInnerComments(e);const r=null==(t=e.directives)?void
0:t.length;e.body.length||r?(this.newline(),this.printSequence(e.directives,e,{indent:!0}),r&&this.newline(),this.print
Sequence(e.body,e,{indent:!0}),this.removeTrailingNewline(),this.source("end",e.loc),this.endsWith("\n")||this.new
line(),this.rightBrace()):this.source("end",e.loc),this.token(")}"),t.Noop=function(){},t.Directive=function(e){this
.print(e.value,e),this.semicolon(),t.DirectiveLiteral=function(e){const t=this.getPossibleRaw(e);if(null!=t)return
void this.token(t);const{value:r}=e;if(i.test(r)){if(n.test(r))throw new Error("Malformed AST: it is not possible to
print a directive containing both unescaped single and double quotes.");this.token(`\${r}`)}else
this.token(`\${r}`)},t.InterpreterDirective=function(e){this.token(`#${e.value}\n`)},t.Placeholder=function(e){thi
s.token("%"),this.print(e.name),this.token("%"),"Statement"===e.expectedNode&&this.semicolon());const
n=/(?![^\s\\\]])(?:\\\\\\\\)*\//,i=/(?![^\s\\\]])(?:\\\\\\\\)*"/,function(e,t,r){ "use strict";function
n(){this.space()}Object.defineProperty(t,"__esModule",{value:!0}),t.JSXAttribute=function(e){this.print(e.name,e),
e.value&&(this.token("="),this.print(e.value,e)),t.JSXIdentifier=function(e){this.word(e.name)},t.JSXNamespaced
Name=function(e){this.print(e.namespace,e),this.token(":"),this.print(e.name,e)},t.JSXMemberExpression=function
(e){this.print(e.object,e),this.token("."),this.print(e.property,e)},t.JSXSpreadAttribute=function(e){this.token("{"),th
is.token("..."),this.print(e.argument,e),this.token(")}"),t.JSXExpressionContainer=function(e){this.token("{"),this.pr
int(e.expression,e),this.token(")}"),t.JSXSpreadChild=function(e){this.token("{"),this.token("..."),this.print(e.expres
sion,e),this.token(")}"),t.JSXText=function(e){const
t=this.getPossibleRaw(e);null!=t?this.token(t):this.token(e.value)},t.JSXElement=function(e){const
t=e.openingElement;if(this.print(t,e),t.selfClosing)return;this.indent();for(const t of
e.children)this.print(t,e);this.dedent(),this.print(e.closingElement,e)},t.JSXOpeningElement=function(e){this.token("<"),this.print(e.name,e),this.print(e.typeParameters,e),e.attributes.length>0&&(this.space(),this.printJoin(e.attributes
,e,{separator:n}));e.selfClosing?(this.space(),this.token(">")):this.token(">")},t.JSXClosingElement=function(e){th
is.token("<"),this.print(e.name,e),this.token(">")},t.JSXEmptyExpression=function(e){this.printInnerComments(e)
},t.JSXFragment=function(e){this.print(e.openingFragment,e),this.indent();for(const t of
e.children)this.print(t,e);this.dedent(),this.print(e.closingFragment,e)},t.JSXOpeningFragment=function(){this.token
("<"),this.token(">")},t.JSXClosingFragment=function(){this.token("<"),this.token(">")},function(e,t,r){ "use
strict";function
n(e,t){!0!==t&&e.token(t)}Object.defineProperty(t,"__esModule",{value:!0}),t.TSTypeAnnotation=function(e){thi
s.token(":"),this.space(),e.optional&&this.token("?");this.print(e.typeAnnotation,e)},t.TSTypeParameterDeclaration
=t.TSTypeParameterInstantiation=function(e){this.token("<"),this.printList(e.params,e,{}),this.token(">")},t.TSTyp
eParameter=function(e){this.word(e.name),e.constraint&&(this.space(),this.word("extends")),this.space(),this.print(e
.constraint,e);e.default&&(this.space(),this.token("="),this.space(),this.print(e.default,e)),t.TSParameterProperty=f
unction(e){e.accessibility&&(this.word(e.accessibility),this.space());e.readonly&&(this.word("readonly"),this.space
());this._param(e.parameter)},t.TSDeclareFunction=function(e){e.declare&&(this.word("declare"),this.space());this
._functionHead(e),this.token(";")},t.TSDeclareMethod=function(e){this._classMethodHead(e),this.token(";")},t.TSQ
ualifiedName=function(e){this.print(e.left,e),this.token("."),this.print(e.right,e)},t.TSCallSignatureDeclaration=funct
ion(e){this.tsPrintSignatureDeclarationBase(e),this.token(";")},t.TSConstructSignatureDeclaration=function(e){this
.word("new"),this.space(),this.tsPrintSignatureDeclarationBase(e),this.token(";")},t.TSPropertySignature=function(e)
{const{readonly:t,initializer:r}=e;t&&(this.word("readonly"),this.space());this.tsPrintPropertyOrMethodName(e),thi
s.print(e.typeAnnotation,e),r&&(this.space(),this.token("="),this.space(),this.print(r,e));this.token(";")},t.tsPrintProp
ertyOrMethodName=function(e){e.computed&&this.token("[");this.print(e.key,e),e.computed&&this.token("]");e.o
ptional&&this.token("?")},t.TSMethodSignature=function(e){this.tsPrintPropertyOrMethodName(e),this.tsPrintSig
natureDeclarationBase(e),this.token(";")},t.TSIndexSignature=function(e){const{readonly:t}=e;t&&(this.word("rea

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donly"),this.space());this.token("[",this._parameters(e.parameters,e),this.token("]"),this.print(e.typeAnnotation,e),th
is.token(";");},t.TSAnyKeyword=function(){this.word("any")},t.TSBigIntKeyword=function(){this.word("bigint")},
t.TSUnknownKeyword=function(){this.word("unknown")},t.TSNumberKeyword=function(){this.word("number")},
t.TSObjectKeyword=function(){this.word("object")},t.TSBooleanKeyword=function(){this.word("boolean")},t.TS
StringKeyword=function(){this.word("string")},t.TSSymbolKeyword=function(){this.word("symbol")},t.TSVoidKe
yword=function(){this.word("void")},t.TSUndefinedKeyword=function(){this.word("undefined")},t.TSNullKeywor
d=function(){this.word("null")},t.TSNeverKeyword=function(){this.word("never")},t.TSIntrinsicKeyword=function
(){this.word("intrinsic")},t.TSThisType=function(){this.word("this")},t.TSFunctionType=function(e){this.tsPrintFu
nctionOrConstructorType(e)},t.TSConstructorType=function(e){this.word("new"),this.space(),this.tsPrintFunctionO
rConstructorType(e)},t.tsPrintFunctionOrConstructorType=function(e){const{typeParameters:t,parameters:r}=e;this
.print(t,e),this.token("("),this._parameters(r,e),this.token(")"),this.space(),this.token("=>"),this.space(),this.print(e.ty
peAnnotation.typeAnnotation,e)},t.TSTypeReference=function(e){this.print(e.typeName,e),this.print(e.typeParamet
ers,e)},t.TSTypePredicate=function(e){e.asserts&&(this.word("asserts"),this.space());this.print(e.parameterName),e
.typeAnnotation&&(this.space(),this.word("is"),this.space(),this.print(e.typeAnnotation.typeAnnotation))},t.TSType
Query=function(e){this.word("typeof"),this.space(),this.print(e.exprName)},t.TSTypeLiteral=function(e){this.tsPrint
TypeLiteralOrInterfaceBody(e.members,e)},t.tsPrintTypeLiteralOrInterfaceBody=function(e,t){this.tsPrintBraced(e
,t)},t.tsPrintBraced=function(e,t){if(this.token("{",e.length){this.indent(),this.newline();for(const r of
e)this.print(r,t),this.newline();this.dedent(),this.rightBrace()}else
this.token(")");},t.TSArrayType=function(e){this.print(e.elementType,e),this.token("[]")},t.TSTupleType=function(
e){this.token("[",this.printList(e.elementTypes,e),this.token("]")},t.TSOptionalType=function(e){this.print(e.typeA
nnotation,e),this.token("?")},t.TSRestType=function(e){this.token("..."),this.print(e.typeAnnotation,e)},t.TSNamed
TupleMember=function(e){this.print(e.label,e),e.optional&&this.token("?");this.token(":"),this.space(),this.print(e.el
ementType,e)},t.TSUnionType=function(e){this.tsPrintUnionOrIntersectionType(e,"|")},t.TSIntersectionType=func
tion(e){this.tsPrintUnionOrIntersectionType(e,"&")},t.tsPrintUnionOrIntersectionType=function(e,t){this.printJoin(
e.types,e,{separator(){this.space(),this.token(t),this.space()}}),t.TSConditionalType=function(e){this.print(e.check
Type),this.space(),this.word("extends"),this.space(),this.print(e.extendsType),this.space(),this.token("?"),this.space()
,this.print(e.trueType),this.space(),this.token(":"),this.space(),this.print(e.falseType)},t.TSInferType=function(e){thi
s.token("infer"),this.space(),this.print(e.typeParameter)},t.TSParenthesizedType=function(e){this.token("("),this.pri
nt(e.typeAnnotation,e),this.token(")");},t.TSTypeOperator=function(e){this.word(e.operator),this.space(),this.print(e
.typeAnnotation,e)},t.TSIndexedAccessType=function(e){this.print(e.objectType,e),this.token("[",this.print(e.index
Type,e),this.token("]")},t.TSMappedType=function(e){const{nameType:t,optional:r,readonly:i,typeParameter:s}=e;
this.token("{",this.space(),i&&(n(this,i),this.word("readonly"),this.space());this.token("[",this.word(s.name),this.sp
ace(),this.word("in"),this.space(),this.print(s.constraint,s),t&&(this.space(),this.word("as"),this.space(),this.print(t,e)
);this.token("]"),r&&(n(this,r),this.token("?"));this.token(":"),this.space(),this.print(e.typeAnnotation,e),this.space(),t
his.token(")");},t.TSLiteralType=function(e){this.print(e.literal,e)},t.TSExpressionWithTypeArguments=function(e)
{this.print(e.expression,e),this.print(e.typeParameters,e)},t.TSInterfaceDeclaration=function(e){const{declare:t,id:r,t
ypeParameters:n,extends:i,body:s}=e;t&&(this.word("declare"),this.space());this.word("interface"),this.space(),this
.print(r,e),this.print(n,e),i&&(this.space(),this.word("extends"),this.space(),this.printList(i,e));this.space(),this.print(s
,e)},t.TSInterfaceBody=function(e){this.tsPrintTypeLiteralOrInterfaceBody(e.body,e)},t.TSTypeAliasDeclaration=f
unction(e){const{declare:t,id:r,typeParameters:n,typeAnnotation:i}=e;t&&(this.word("declare"),this.space());this.w
ord("type"),this.space(),this.print(r,e),this.print(n,e),this.space(),this.token("="),this.space(),this.print(i,e),this.token(
";");},t.TSAsExpression=function(e){const{expression:t,typeAnnotation:r}=e;this.print(t,e),this.space(),this.word("as
"),this.space(),this.print(r,e)},t.TSTypeAssertion=function(e){const{typeAnnotation:t,expression:r}=e;this.token("<
"),this.print(t,e),this.token(">"),this.space(),this.print(r,e)},t.TSEnumDeclaration=function(e){const{declare:t,const:r
,id:n,members:i}=e;t&&(this.word("declare"),this.space());r&&(this.word("const"),this.space());this.word("enum"),t
his.space(),this.print(n,e),this.space(),this.tsPrintBraced(i,e)},t.TSEnumMember=function(e){const{id:t,initializer:r}
=e;this.print(t,e),r&&(this.space(),this.token("="),this.space(),this.print(r,e));this.token(",");},t.TSModuleDeclaration
=function(e){const{declare:t,id:r}=e;t&&(this.word("declare"),this.space());e.global||(this.word("Identifier"===r.type

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e?"namespace":"module"),this.space());if(this.print(r,e,!e.body)return void this.token(";");let
n=e.body;for(;"TSMODULEDECLARATION"===n.type;)this.token("."),this.print(n.id,n),n=n.body;this.space(),this.print(n
e)},t.TSMODULEBLOCK=function(e){this.tsPrintBraced(e.body,e)},t.TSIMPORTTYPE=function(e){const{argument:t,qua
lifier:r,typeParameters:n}=e;this.word("import"),this.token("("),this.print(t,e),this.token(")"),r&&(this.token("."),this
.print(r,e));n&&this.print(n,e)},t.TSIMPORTEQUALSDECLARATION=function(e){const{isExport:t,id:r,moduleReference:n}
=e;t&&(this.word("export"),this.space());this.word("import"),this.space(),this.print(r,e),this.space(),this.token("="),t
his.space(),this.print(n,e),this.token(";");},t.TSEXTERNALMODULEREFERENCE=function(e){this.token("require("),this.print
(e.expression,e),this.token(")");},t.TSNONNULLEXPRESSION=function(e){this.print(e.expression,e),this.token("!");},t.TS
EXPORTASSIGNMENT=function(e){this.word("export"),this.space(),this.token("="),this.space(),this.print(e.expression,e
),this.token(";");},t.TS_NAMESPACE_EXPORT_DECLARATION=function(e){this.word("export"),this.space(),this.word("as"),this
.space(),this.word("namespace"),this.space(),this.print(e.id,e)},t.tsPrintSignatureDeclarationBase=function(e){const
{typeParameters:t,parameters:r}=e;this.print(t,e),this.token("("),this._parameters(r,e),this.token(")"),this.print(e.type
Annotation,e)},t.tsPrintClassMemberModifiers=function(e,t){t&&e.declare&&(this.word("declare"),this.space());e
.accessibility&&(this.word(e.accessibility),this.space());e.static&&(this.word("static"),this.space());e.abstract&&(thi
s.word("abstract"),this.space());t&&e.readonly&&(this.word("readonly"),this.space())},function(e,t,r){
"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.findParent=function(e){let
t=this;for(;t=t.parentPath;if(e(t))return t;return null},t.find=function(e){let t=this;do{if(e(t))return
t}while(t=t.parentPath);return null},t.getFunctionParent=function(){return
this.findParent(e=>e.isFunction())},t.getStatementParent=function(){let
e=this;do{if(!e.parentPath||Array.isArray(e.container)&&e.isStatement())break;e=e.parentPath}while(e;if(e&&(e.is
Program()||e.isFile()))throw new Error("File/Program node, we can't possibly find a statement parent to this");return
e},t.getEarliestCommonAncestorFrom=function(e){return
this.getDeepestCommonAncestorFrom(e,(function(e,t,r){let n;const s=i.VISITOR_KEYS[e.type];for(const e of
r){const
r=e[t+1];n?(r.listKey&&n.listKey===r.listKey&&r.key<n.key||s.indexOf(n.parentKey)>s.indexOf(r.parentKey))&&
(n=r):n=r)return n}}),t.getDeepestCommonAncestorFrom=function(e,t){if(!e.length)return
this;if(1===e.length)return e[0];let r,n,i=1/0;const s=e.map(e=>{const
t=[];do{t.unshift(e)}while((e=e.parentPath)&&e!==this);return t.length<i&&(i=t.length),t}),a=s[0];e:for(let
e=0;e<i;e++){const t=a[e];for(const r of s)if(r[e]!==t)break e;r=e,n=t;if(n)return t?t(n,r,s):n;throw new
Error("Couldn't find intersection")},t.getAncestry=function(){let e=this;const
t=[];do{t.push(e)}while(e=e.parentPath);return t},t.isAncestor=function(e){return
e.isDescendant(this)},t.isDescendant=function(e){return!!this.findParent(t=>t===e)},t.inType=function(){let
e=this;for(;e;){for(const t of arguments)if(e.node.type===t)return!0;e=e.parentPath}return!1};var
n,i=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=s();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
a=n?Object.getOwnPropertyDescriptor(e,i):null;a&&(a.get||a.set)?Object.defineProperty(r,i,a):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0));(n=r(8))&&n.__esModule;function s(){if("function"!==typeof WeakMap)return null;var
e=new WeakMap;return s=function(){return e},e},function(e,t,r){
"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.getTypeAnnotation=function(){if(this.typeAnnotation)re
turn this.typeAnnotation;let
e=this._getTypeAnnotation()||i.anyTypeAnnotation();i.isTypeAnnotation(e)&&(e=e.typeAnnotation);return
this.typeAnnotation=e},t._getTypeAnnotation=function(){var e;const
t=this.node;if(!t){if("init"===this.key&&this.parentPath.isVariableDeclarator()){const
e=this.parentPath.parentPath,t=e.parentPath;return"left"===e.key&&t.isForInStatement()?i.stringTypeAnnotation():
"left"===e.key&&t.isForOfStatement()?i.anyTypeAnnotation():i.voidTypeAnnotation()}return}if(t.typeAnnotation)
return t.typeAnnotation;let r=n[t.type];if(r)return r.call(this,t);if(r=n[this.parentPath.type],null==(e=r)?void

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0:e.validParent)return this.parentPath.getTypeAnnotation(),t.isBaseType=function(e,t){return
o(e,this.getTypeAnnotation(),t),t.couldBeBaseType=function(e){const
t=this.getTypeAnnotation();if(i.isAnyTypeAnnotation(t))return!0;if(i.isUnionTypeAnnotation(t)){for(const r of
t.types)if(i.isAnyTypeAnnotation(r)||o(e,r,!0))return!0;return!1 }return
o(e,t,!0)},t.baseTypeStrictlyMatches=function(e){const
t=this.getTypeAnnotation();if(e=e.getTypeAnnotation(),!i.isAnyTypeAnnotation(t)&&i.isFlowBaseAnnotation(t))re
turn e.type===t.type},t.isGenericType=function(e){const t=this.getTypeAnnotation();return
i.isGenericTypeAnnotation(t)&&i.isIdentifier(t.id,{name:e});var n=a(r(340)),i=a(r(0));function
s(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return s=function(){return e},e}function
a(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var
t=s();if(t&&t.has(e))return t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i
in e)if(Object.prototype.hasOwnProperty.call(e,i)){var
a=n?Object.getOwnPropertyDescriptor(e,i):null;a&&(a.get||a.set)?Object.defineProperty(r,i,a):r[i]=e[i]}return
r.default=e,t&&t.set(e,r),r}function o(e,t,r){if("string"===e)return
i.isStringTypeAnnotation(t);if("number"===e)return i.isNumberTypeAnnotation(t);if("boolean"===e)return
i.isBooleanTypeAnnotation(t);if("any"===e)return i.isAnyTypeAnnotation(t);if("mixed"===e)return
i.isMixedTypeAnnotation(t);if("empty"===e)return i.isEmptyTypeAnnotation(t);if("void"===e)return
i.isVoidTypeAnnotation(t);if(r)return!1;throw new Error("Unknown base type "+e)},function(e,t,r){ "use
strict";Object.defineProperty(t, "__esModule", { value: !0 }), t.VariableDeclarator=function() { var
e;if(!this.get("id").isIdentifier())return;const t=this.get("init");let
r=t.getTypeAnnotation();"AnyTypeAnnotation"===e?(null===e)?void
0:e.type}&&t.isCallExpression()&&t.get("callee").isIdentifier({name:"Array"})&&!t.scope.hasBinding("Array",!0)
&&(r=l());return r},t.TypeCastExpression=o,t.NewExpression=function(e){if(this.get("callee").isIdentifier())return
i.genericTypeAnnotation(e.callee)},t.TemplateLiteral=function(){return
i.stringTypeAnnotation()},t.UnaryExpression=function(e){const t=e.operator;if("void"===t)return
i.voidTypeAnnotation();if(i.NUMBER_UNARY_OPERATORS.indexOf(t)>=0)return
i.numberTypeAnnotation();if(i.STRING_UNARY_OPERATORS.indexOf(t)>=0)return
i.stringTypeAnnotation();if(i.BOOLEAN_UNARY_OPERATORS.indexOf(t)>=0)return
i.booleanTypeAnnotation()),t.BinaryExpression=function(e){const
t=e.operator;if(i.NUMBER_BINARY_OPERATORS.indexOf(t)>=0)return
i.numberTypeAnnotation();if(i.BOOLEAN_BINARY_OPERATORS.indexOf(t)>=0)return
i.booleanTypeAnnotation();if("+"===t){const e=this.get("right"),t=this.get("left");return
t.isBaseType("number")&&e.isBaseType("number"?i.numberTypeAnnotation():t.isBaseType("string"))|e.isBaseTy
pe("string"?i.stringTypeAnnotation():i.unionTypeAnnotation([i.stringTypeAnnotation(),i.numberTypeAnnotation(
)]))},t.LogicalExpression=function(){const
e=[this.get("left").getTypeAnnotation(),this.get("right").getTypeAnnotation()];if(i.isTSTypeAnnotation(e[0])&&i.cr
eateTSUnionType)return i.createTSUnionType(e);if(i.createFlowUnionType)return
i.createFlowUnionType(e);return i.createUnionTypeAnnotation(e)},t.ConditionalExpression=function(){const
e=[this.get("consequent").getTypeAnnotation(),this.get("alternate").getTypeAnnotation()];if(i.isTSTypeAnnotation(
e[0])&&i.createTSUnionType)return i.createTSUnionType(e);if(i.createFlowUnionType)return
i.createFlowUnionType(e);return i.createUnionTypeAnnotation(e)},t.SequenceExpression=function(){return
this.get("expressions").pop().getTypeAnnotation()},t.ParenthesizedExpression=function(){return
this.get("expression").getTypeAnnotation()},t.AssignmentExpression=function(){return
this.get("right").getTypeAnnotation()},t.UpdateExpression=function(e){const t=e.operator;if("++"===t||"--
"===t)return i.numberTypeAnnotation()),t.StringLiteral=function(){return
i.stringTypeAnnotation()),t.NumericLiteral=function(){return
i.numberTypeAnnotation()),t.BooleanLiteral=function(){return
i.booleanTypeAnnotation()),t.NullLiteral=function(){return

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i.nullLiteralTypeAnnotation(),t.RegExpLiteral=function(){return
i.genericTypeAnnotation(i.identifier("RegExp")),t.ObjectExpression=function(){return
i.genericTypeAnnotation(i.identifier("Object")),t.ArrayExpression=l,t.RestElement=c,t.ClassDeclaration=t.ClassEx
pression=t.FunctionDeclaration=t.ArrowFunctionExpression=t.FunctionExpression=function(){return
i.genericTypeAnnotation(i.identifier("Function")),t.CallExpression=function(){const{callee:e}=this.node;if(u(e))re
turn i.arrayTypeAnnotation(i.stringTypeAnnotation());if(p(e)||d(e))return
i.arrayTypeAnnotation(i.anyTypeAnnotation());if(h(e))return
i.arrayTypeAnnotation(i.tupleTypeAnnotation([i.stringTypeAnnotation(),i.anyTypeAnnotation()]));return
f(this.get("callee")),t.TaggedTemplateExpression=function(){return
f(this.get("tag")),Object.defineProperty(t,"Identifier",{enumerable:!0,get:function(){return s.default}});var
n,i=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=a();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0)),s=(n=r(341))&&n.__esModule?n:{default:n};function a(){if("function"!==typeof
WeakMap)return null;var e=new WeakMap;return a=function(){return e},e}function o(e){return
e.typeAnnotation}function l(o){return i.genericTypeAnnotation(i.identifier("Array"))}function c(o){return
l()}o.validParent=!0,c.validParent=!0;const
p=i.buildMatchMemberExpression("Array.from"),u=i.buildMatchMemberExpression("Object.keys"),d=i.buildMatc
hMemberExpression("Object.values"),h=i.buildMatchMemberExpression("Object.entries");function
f(e){if((e=e.resolve()).isFunction()){if(e.is("async"))return
e.is("generator"?i.genericTypeAnnotation(i.identifier("AsyncIterator")):i.genericTypeAnnotation(i.identifier("Prom
ise")));if(e.node.returnType)return e.node.returnType}}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){if(!this.isReferenced())return;const
t=this.scope.getBinding(e.name);if(t)return
t.identifier.typeAnnotation?t.identifier.typeAnnotation:function(e,t,r){const i=[],o=[];let l=s(e,t,o);const c=function
e(t,r,i){const s=function(e,t,r){let
n;for(;n=t.parentPath;){if(n.isIfStatement()||n.isConditionalExpression()){if("test"===t.key)return;return
n}if(n.isFunction()&&n.parentPath.scope.getBinding(r)!==e)return;t=n}}(t,r,i);if(!s)return;const
o=[s.get("test")],l=[];for(let e=0;e<o.length;e++){const
t=o[e];if(t.isLogicalExpression())&&"===t.node.operator&&(o.push(t.get("left")),o.push(t.get("right")));else
if(t.isBinaryExpression){const e=a(i,t);e&&l.push(e)}if(l.length)return
n.isTSTypeAnnotation(l[0])&&n.createTSUnionType?{typeAnnotation:n.createTSUnionType(l),ifStatement:s}:n.cr
eateFlowUnionType?{typeAnnotation:n.createFlowUnionType(l),ifStatement:s}:{typeAnnotation:n.createUnionTy
peAnnotation(l),ifStatement:s};return e(s,i)}(e,t,r);if(c){const
t=s(e,c.ifStatement);l=l.filter(e=>t.indexOf(e)<0),i.push(c.typeAnnotation)}if(l.length){l=l.concat(o);for(const e of
l)i.push(e.getTypeAnnotation());if(!l.length)return;if(n.isTSTypeAnnotation(i[0])&&n.createTSUnionType)return
n.createTSUnionType(i);if(n.createFlowUnionType)return n.createFlowUnionType(i);return
n.createUnionTypeAnnotation(i)}(t,this,e.name);if("undefined"===e.name)return
n.voidTypeAnnotation();if("NaN"===e.name||"Infinity"===e.name)return n.numberTypeAnnotation();e.name};var
n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(0));function i(o){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e}function s(e,t,r){const n=e.constantViolations.slice();return

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n.unshift(e.path),n.filter(e=>{const n=(e=e.resolve())._guessExecutionStatusRelativeTo(t);return
r&&"unknown"===n&&r.push(e),"before"===n}}function a(e,t){const
r=t.node.operator,i=t.get("right").resolve(),s=t.get("left").resolve();let
a,o,l;if(s.isIdentifier({name:e})?a=i:i.isIdentifier({name:e})&&(a=s),a)return"==="===r?a.getTypeAnnotation():n.B
OOLEAN_NUMBER_BINARY_OPERATORS.indexOf(r)>=0?n.numberTypeAnnotation():void
0;if("==="!==(r&&"==="!==(r))return;if(s.isUnaryExpression({operator:"typeof"})?(o=s,l=i):i.isUnaryExpression({ope
rator:"typeof"})&&(o=i,l=s),!o)return;if(!o.get("argument").isIdentifier({name:e}))return;if(l=l.resolve(),!l.isLiteral(
))return;const c=l.node.value;return"string"===typeof c?n.createTypeAnnotationBasedOnTypeof(c):void
0}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.replaceWithMultiple=function(e){this.resync(),e=this._v
erifyNodeList(e),o.inheritLeadingComments(e[0],this.node),o.inheritTrailingComments(e[e.length-
1],this.node),this.node=this.container[this.key]=null;const
t=this.insertAfter(e);this.node?this.requeue():this.remove();return
t},t.replaceWithSourceString=function(e){this.resync();try{e=`(${e})`,e=(0,a.parse)(e)}catch(t){const r=t.loc;throw
r&&(t.message+=" - make sure this is an
expression.\\n"+(0,n.codeFrameColumns)(e,{start:{line:r.line,column:r.column+1}}),t.code="BABEL_REPLACE_
SOURCE_ERROR"),t}return
e=e.program.body[0].expression,i.default.removeProperties(e),this.replaceWith(e)},t.replaceWith=function(e){if(thi
s.resync(),this.removed)throw new Error("You can't replace this node, we've already removed it");e instanceof
s.default&&(e=e.node);if(!e)throw new Error("You passed `path.replaceWith()` a falsy node, use `path.remove()`
instead");if(this.node===e)return[this];if(this.isProgram()&&!o.isProgram(e))throw new Error("You can only
replace a Program root node with another Program node");if(Array.isArray(e))throw new Error("Don't use
`path.replaceWith()` with an array of nodes, use `path.replaceWithMultiple()`");if("string"===typeof e)throw new
Error("Don't use `path.replaceWith()` with a source string, use `path.replaceWithSourceString()`");let
t="";this.isNodeType("Statement")&&o.isExpression(e)&&(this.canHaveVariableDeclarationOrExpression())||this.c
anSwapBetweenExpressionAndStatement(e)||this.parentPath.isExportDefaultDeclaration()||(e=o.expressionStatemen
t(e),t="expression");if(this.isNodeType("Expression")&&o.isStatement(e)&&!this.canHaveVariableDeclarationOr
Expression()&&!this.canSwapBetweenExpressionAndStatement(e))return
this.replaceExpressionWithStatements([e]);const
r=this.node;r&&(o.inheritsComments(e,r),o.removeComments(r));return
this._replaceWith(e),this.type=e.type,this.setScope(),this.requeue(),[t?this.get(t):this]},t._replaceWith=function(e){if
(!this.container)throw new ReferenceError("Container is
falsy");this.inList?o.validate(this.parent,this.key,[e]):o.validate(this.parent,this.key,e);this.debug("Replace with
"+(null===e?void
0:e.type)),this.node=this.container[this.key]=e,t.replaceExpressionWithStatements=function(e){this.resync();const
t=o.toSequenceExpression(e,this.scope);if(t)return this.replaceWith(t[0].get("expressions"));const
r=this.getFunctionParent(),n=null===r?void
0:r.is("async"),s=o.arrowFunctionExpression([],o.blockStatement(e));this.replaceWith(o.callExpression(s,[])),this.tr
averse(p);const a=this.get("callee").getCompletionRecords();for(const e of
a){if(!e.isExpressionStatement())continue;const t=e.findParent(e=>e.isLoop());if(t){let
r=t.getData("expressionReplacementReturnUid");if(r)r=o.identifier(r.name);else{const
e=this.get("callee");r=e.scope.generateDeclaredUidIdentifier("ret"),e.get("body").pushContainer("body",o.returnStat
ement(o.cloneNode(r))),t.setData("expressionReplacementReturnUid",r)}e.get("expression").replaceWith(o.assignm
entExpression("=",o.cloneNode(r),e.node.expression))}else
e.replaceWith(o.returnStatement(e.node.expression))}const
l=this.get("callee");l.arrowFunctionToExpression(),n&&i.default.hasType(this.get("callee.body").node,"AwaitExpre
ssion",o.FUNCTION_TYPES)&&(l.set("async",!0),this.replaceWith(o.awaitExpression(this.node)));return
l.get("body.body")},t.replaceInline=function(e){if(this.resync(),Array.isArray(e)){if(Array.isArray(this.container)){

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Object.keys(i.color.ansi))c.has(e)))(p[e]={get(){const t=this.level;return function(){const
r=i.color[[t]][e].apply(null,arguments),n={open:r,close:i.color.close,closeRe:i.color.closeRe};return
f.call(this,this._styles?this._styles.concat(n):[n],this._empty,e)}});i.bgColor.closeRe=new
RegExp(n(i.bgColor.close),"g");for(const e of
Object.keys(i.bgColor.ansi)){if(c.has(e))continue;p["bg"+e[0].toUpperCase()+e.slice(1)]=get(){const
t=this.level;return function(){const
r=i.bgColor[[t]][e].apply(null,arguments),n={open:r,close:i.bgColor.close,closeRe:i.bgColor.closeRe};return
f.call(this,this._styles?this._styles.concat(n):[n],this._empty,e)}}}const
h=Object.defineProperties(=>{ },p);function f(e,t,r){const n=function(){return
m.apply(n,arguments)};n._styles=e,n._empty=t;const i=this;return
Object.defineProperty(n,"level",{enumerable:!0,get:()=>i.level,set(e){i.level=e}}),Object.defineProperty(n,"enabled",
{enumerable:!0,get:()=>i.enabled,set(e){i.enabled=e}},n.hasGrey=this.hasGrey||"gray"===r||"grey"===r,n.__prot
o__=h,n}function m(){const e=arguments,t=e.length;let r=String(arguments[0]);if(0===t)return"";if(t>1)for(let
n=1;n<t;n++)r+=" "+e[n];if(!this.enabled||this.level<=0||!r)return this._empty?"":r;const
n=i.dim.open;o&&this.hasGrey&&(i.dim.open="");for(const e of
this._styles.slice().reverse())r=e.open+r.replace(e.closeRe,e.open)+e.close,r=r.replace(/\r?\n/g,`${e.close}$&&${e.op
en}`);return i.dim.open=n,r}function y(e,t){if(!Array.isArray(t))return[].slice.call(arguments,1).join(" ");const
r=[].slice.call(arguments,2),n=[t.raw[0]];for(let e=1;e<t.length;e++)n.push(String(r[e-
1]).replace(/[\{\}\|\|\/g,"\\$&"));n.push(String(t.raw[e]));return
a(e,n.join(""))}Object.defineProperties(d.prototype,p),e.exports=d(),e.exports.supportsColor=s,e.exports.default=e.e
xports},function(e,t,r){"use strict";var n=/[\\\/\{\}\|\|^\$+*?.]/g;e.exports=function(e){if("string"!==typeof e)throw
new TypeError("Expected a string");return e.replace(n,"\\$&")},function(e,t,r){"use strict";(function(e){const
t=r(348),n=(e,r)=>function(){const n=e.apply(t,arguments);return`${n+r}m`},i=(e,r)=>function(){const
n=e.apply(t,arguments);return`${n+r};5;${n}m`},s=(e,r)=>function(){const n=e.apply(t,arguments);return`${
n+r};2;${n[0]};${n[1]};${n[2]}m`};Object.defineProperty(e,"exports",{enumerable:!0,get:function(){const
e=new
Map,r={modifier:{reset:[0,0],bold:[1,22],dim:[2,22],italic:[3,23],underline:[4,24],inverse:[7,27],hidden:[8,28],strike
through:[9,29]},color:{black:[30,39],red:[31,39],green:[32,39],yellow:[33,39],blue:[34,39],magenta:[35,39],cyan:[3
6,39],white:[37,39],gray:[90,39],redBright:[91,39],greenBright:[92,39],yellowBright:[93,39],blueBright:[94,39],ma
gentaBright:[95,39],cyanBright:[96,39],whiteBright:[97,39]},bgColor:{bgBlack:[40,49],bgRed:[41,49],bgGreen:[42
,49],bgYellow:[43,49],bgBlue:[44,49],bgMagenta:[45,49],bgCyan:[46,49],bgWhite:[47,49],bgBlackBright:[100,49],
bgRedBright:[101,49],bgGreenBright:[102,49],bgYellowBright:[103,49],bgBlueBright:[104,49],bgMagentaBright:[
105,49],bgCyanBright:[106,49],bgWhiteBright:[107,49]}};r.color.grey=r.color.gray;for(const t of
Object.keys(r)){const n=r[t];for(const t of Object.keys(n)){const i=n[t];r[t]=`open: ${i[0]}m`,close:
`${i[1]}m`,n[t]=r[t],e.set(i[0],i[1])}Object.defineProperty(r,t,{value:n,enumerable:!1}),Object.defineProperty(r,"co
des",{value:e,enumerable:!1})}const a=e=>e,o=(e,t,r)=>[e,t,r];r.color.close=`[39m`,r.bgColor.close=`
[49m`,r.color.ansi={ansi:n(a,0)},r.color.ansi256={ansi256:i(a,0)},r.color.ansi16m={rgb:s(o,0)},r.bgColor.ansi={ans
i:n(a,10)},r.bgColor.ansi256={ansi256:i(a,10)},r.bgColor.ansi16m={rgb:s(o,10)};for(let e of
Object.keys(t)){if("object"!==typeof t[e])continue;const a=t[e];"ansi16"===e&&(e="ansi"),"ansi16"in
a&&(r.color.ansi[e]=n(a.ansi16,0),r.bgColor.ansi[e]=n(a.ansi16,10)),"ansi256"in
a&&(r.color.ansi256[e]=i(a.ansi256,0),r.bgColor.ansi256[e]=i(a.ansi256,10)),"rgb"in
a&&(r.color.ansi16m[e]=s(a.rgb,0),r.bgColor.ansi16m[e]=s(a.rgb,10))}return
r}}).call(this,r(31)(e)),function(e,t,r){var
n=r(126),i=r(350),s={};Object.keys(n).forEach((function(e){s[e]={},Object.defineProperty(s[e],"channels",{value:n
[e].channels}),Object.defineProperty(s[e],"labels",{value:n[e].labels});var
t=i(e);Object.keys(t).forEach((function(r){var n=t[r];s[e][r]=function(e){var t=function(t){if(null===t)return
t;arguments.length>1&&(t=Array.prototype.slice.call(arguments));var r=e(t);if("object"===typeof r)for(var
n=r.length,i=0;i<n;i++)r[i]=Math.round(r[i]);return r};return"conversion"in

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e&&(t.conversion=e.conversion),t}(n),s[e][r].raw=function(e){var t=function(t){return
null==t?(arguments.length>1&&(t=Array.prototype.slice.call(arguments)),e(t));return"conversion"in
e&&(t.conversion=e.conversion),t}(n))})),e.exports=s},function(e,t,r){"use
strict";e.exports={aliceblue:[240,248,255],antiquewhite:[250,235,215],aqua:[0,255,255],aquamarine:[127,255,212],
azure:[240,255,255],beige:[245,245,220],bisque:[255,228,196],black:[0,0,0],blanchedalmond:[255,235,205],blue:[0,
0,255],blueviolet:[138,43,226],brown:[165,42,42],burlywood:[222,184,135],cadetblue:[95,158,160],chartreuse:[127,
255,0],chocolate:[210,105,30],coral:[255,127,80],cornflowerblue:[100,149,237],cornsilk:[255,248,220],crimson:[22
0,20,60],cyan:[0,255,255],darkblue:[0,0,139],darkcyan:[0,139,139],darkgoldenrod:[184,134,111],darkgray:[169,169,
169],darkgreen:[0,100,0],darkgrey:[169,169,169],darkkhaki:[189,183,107],darkmagenta:[139,0,139],darkolivegreen
:[85,107,47],darkorange:[255,140,0],darkorchid:[153,50,204],darkred:[139,0,0],darksalmon:[233,150,122],darkseag
reen:[143,188,143],darkslateblue:[72,61,139],darkslategray:[47,79,79],darkslategrey:[47,79,79],darkturquoise:[0,20
6,209],darkviolet:[148,0,211],deeppink:[255,20,147],deepskyblue:[0,191,255],dimgray:[105,105,105],dimgrey:[105
,105,105],dodgerblue:[30,144,255],firebrick:[178,34,34],floralwhite:[255,250,240],forestgreen:[34,139,34],fuchsia:[
255,0,255],gainsboro:[220,220,220],ghostwhite:[248,248,255],gold:[255,215,0],goldenrod:[218,165,32],gray:[128,1
28,128],green:[0,128,0],greenyellow:[173,255,47],grey:[128,128,128],honeydew:[240,255,240],hotpink:[255,105,1
80],indianred:[205,92,92],indigo:[75,0,130],ivory:[255,255,240],khaki:[240,230,140],lavender:[230,230,250],laven
derblush:[255,240,245],lawngreen:[124,252,0],lemonchiffon:[255,250,205],lightblue:[173,216,230],lightcoral:[240,
128,128],lightcyan:[224,255,255],lightgoldenrodyellow:[250,250,210],lightgray:[211,211,211],lightgreen:[144,238,
144],lightgrey:[211,211,211],lightpink:[255,182,193],lightsalmon:[255,160,122],lightseagreen:[32,178,170],lightsk
yblue:[135,206,250],lightslategray:[119,136,153],lightslategrey:[119,136,153],lightsteelblue:[176,196,222],lightyell
ow:[255,255,224],lime:[0,255,0],limegreen:[50,205,50],linen:[250,240,230],magenta:[255,0,255],maroon:[128,0,0],
mediumaquamarine:[102,205,170],mediumblue:[0,0,205],mediumorchid:[186,85,211],mediumpurple:[147,112,219]
,mediumseagreen:[60,179,113],mediumslateblue:[123,104,238],mediumspringgreen:[0,250,154],mediumturquoise:[
72,209,204],mediumvioletred:[199,21,133],midnightblue:[25,25,112],mintcream:[245,255,250],mistyrose:[255,228,
225],moccasin:[255,228,181],navajowhite:[255,222,173],navy:[0,0,128],oldlace:[253,245,230],olive:[128,128,0],oli
vedrab:[107,142,35],orange:[255,165,0],orangered:[255,69,0],orchid:[218,112,214],palegoldenrod:[238,232,170],pa
legreen:[152,251,152],paleturquoise:[175,238,238],palevioletred:[219,112,147],papayawhip:[255,239,213],peachpu
ff:[255,218,185],peru:[205,133,63],pink:[255,192,203],plum:[221,160,221],powderblue:[176,224,230],purple:[128,
0,128],rebeccapurple:[102,51,153],red:[255,0,0],rosybrown:[188,143,143],royalblue:[65,105,225],saddlebrown:[139
,69,19],salmon:[250,128,114],sandybrown:[244,164,96],seagreen:[46,139,87],seashell:[255,245,238],sienna:[160,82
,45],silver:[192,192,192],skyblue:[135,206,235],slateblue:[106,90,205],slategray:[112,128,144],slategrey:[112,128,
144],snow:[255,250,250],springgreen:[0,255,127],steelblue:[70,130,180],tan:[210,180,140],teal:[0,128,128],thistle:[
216,191,216],tomato:[255,99,71],turquoise:[64,224,208],violet:[238,130,238],wheat:[245,222,179],white:[255,255,
255],whitesmoke:[245,245,245],yellow:[255,255,0],yellowgreen:[154,205,50]}},function(e,t,r){var
n=r(126);function i(e){var t=function(){for(var e={},t=Object.keys(n),r=t.length,i=0;i<r;i++)e[t[i]]={distance:-
1,parent:null};return e}(),r=[e];for(t[e].distance=0;r.length;)for(var
i=r.pop(),s=Object.keys(n[i]),a=s.length,o=0;o<a;o++){var l=s[o],c=t[l];-
1===c.distance&&(c.distance=t[i].distance+1,c.parent=i,r.unshift(l))}return t}function s(e,t){return
function(r){return t(e(r))}}function a(e,t){for(var
r=[t[e].parent,e],i=n[t[e].parent][e],a=t[e].parent;t[a].parent;r.unshift(t[a].parent),i=s(n[t[a].parent][a],i),a=t[a].paren
t;return i.conversion=r,i}e.exports=function(e){for(var t=i(e),r={},n=Object.keys(t),s=n.length,o=0;o<s;o++){var
l=n[o];null!==t[l].parent&&(r[l]=a(l,t))}return r}},function(e,t,r){"use strict";const
n=r(99),i=r(352),s=process.env;let a;function o(e){return function(e){return
0!==e&&{level:e,hasBasic:!0,has256:e>=2,has16m:e>=3}}(function(e){if(!1===a)return
0;if(i("color=16m"))||i("color=full")||i("color=truecolor"))return 3;if(i("color=256"))return
2;if(e&&!e.isTTY&&!0===a)return 0;const t=a?1:0;if("win32"===process.platform){const
e=n.release().split(".");return
Number(process.versions.node.split(".")[0])>=8&&Number(e[0])>=10&&Number(e[2])>=10586?Number(e[2])>=

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14931?3:2:1}if("CI"in s)return["TRAVIS","CIRCLECI","APPVEYOR","GITLAB_CI"].some(e=>e in
s)||"codeship"===s.CI_NAME?1:t;if("TEAMCITY_VERSION"in s)return/^9\\.0*[1-
9]\\d*\\.\\.\\d{2,}\\./\\.test(s.TEAMCITY_VERSION)?1:0;if("truecolor"===s.COLORTERM)return
3;if("TERM_PROGRAM"in s){const
e=parseInt((s.TERM_PROGRAM_VERSION||").split(".")[0],10);switch(s.TERM_PROGRAM){case"iTerm.app":r
eturn e>=3?3:2;case"Apple_Terminal":return 2}}return/-
256(color)?$/i.test(s.TERM)?2:/^screen|^xterm|^vt100|^vt220|^rxvt|color|ansi|cygwin|linux/i.test(s.TERM)||"COLO
RTERM"in s?1:(s.TERM,t)}(e)}i("no-color")|i("no-
colors")|i("color=false")?a=!1:(i("color")|i("colors")|i("color=true")|i("color=always"))&&(a!=0),"FORCE_COLO
R"in
s&&(a=0===s.FORCE_COLOR.length||0!==parseInt(s.FORCE_COLOR,10)),e.exports={supportsColor:o,stdout:o(
process.stdout),stderr:o(process.stderr)},function(e,t,r){ "use strict";e.exports=(e,t=>{t=t||process.argv;const
r=e.startsWith("-")?"":1===e.length?"-":"--",n=t.indexOf(r+e),i=t.indexOf("--");return-1!==n&&(-
1===i||n<i)},function(e,t,r){ "use strict";const n=/(?:\\\\(u[a-f\\d]{4}|x[a-
f\\d]{2}|.))?(?:\\{ (~)?(\\w+(?:\\{[\\^]*\\})?(?:\\.\\w+(?:\\{[\\^]*\\})?)*)?(?:[
\\t](?:\\r?\\n)))(\\|)(?:[.:[\\r\\n\\f]+)?/gi,i=/(?:^\\.)(\\w+(?:\\{[\\^]*\\})?)?/g,s=/^(["'])(?:\\.|(?:\\1[\\^\\|\\|\\|])*)\\1$/,a=/
\\\\(u[a-f\\d]{4}|x[a-f\\d]{2}|.)([\\^\\|\\|\\|\\|])/gi,o=new
Map([["n","\n"],["r","\r"],["t","\t"],["b","\b"],["f","\f"],["v","\v"],["0","\0"],["\\","\\"],["e"," "],["a","
"]]);function
l(e){return"u"===e[0]&&5===e.length||"x"===e[0]&&3===e.length?String.fromCharCode(parseInt(e.slice(1),16)):
o.get(e)|e}function c(e,t){const r=[],n=t.trim().split(/\\s*|\\s*/g);let i;for(const t of
n)if(isNaN(t)){if(!(i=t.match(s)))throw new Error(`Invalid Chalk template style argument: ${t} (in style
\\${e}\\`);r.push(i[2].replace(a,(e,t,r)=>t?l(t):r))}else r.push(Number(t));return r}function p(e){i.lastIndex=0;const
t=[];let r;for(;;null!==(r=i.exec(e))){const e=r[1];if(r[2]){const n=c(e,r[2]);t.push([e].concat(n))}else
t.push([e])}return t}function u(e,t){const r={};for(const e of t)for(const t of
e.styles)r[t[0]]=e.inverse?null:t.slice(1);let n=e;for(const e of Object.keys(r))if(Array.isArray(r[e])){if(!(e in
n))throw new Error("Unknown Chalk style: "+e);n=r[e].length>0?n[e].apply(n,r[e]):n[e]}return
n}e.exports=(e,t=>{const r=[],i=[];let s=[];if(t.replace(n,(t,n,a,o,c,d)=>{if(n)s.push(l(n));else if(o){const
t=s.join("");s=[],i.push(0===r.length?t:u(e,r)(t)),r.push({inverse:a,styles:p(o)})}else if(c){if(0===r.length)throw
new Error("Found extraneous ` ` in Chalk template literal");i.push(u(e,r)(s.join(""))),s=[],r.pop()}else
s.push(d)},i.push(s.join(""))),r.length>0){const e=`Chalk template literal is missing $${r.length} closing
bracket${1===r.length?"":s}`(\\}\\`);throw new Error(e)}return i.join("")}),function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.evaluateTruthy=function(){const
e=this.evaluate();if(e.confident)return!e.value},t.evaluate=function(){const
e={confident:!0,deoptPath:null,seen:new Map};let t=a(this,e);e.confident||(t=void
0);return{confident:e.confident,deopt:e.deoptPath,value:t}};const
n=["String","Number","Math"],i=["random"];function s(e,t){t.confident&&(t.deoptPath=e,t.confident=!1)}function
a(e,t){const{node:r}=e,{seen:l}=t;if(l.has(r)){const n=l.get(r);return n.resolved?n.value:void s(e,t)}const
c={resolved:!1};l.set(r,c);const
p=function(e,t){if(!t.confident)return;const{node:r}=e;if(e.isSequenceExpression()){const
r=e.get("expressions");return a(r[r.length-1],t)}if(e.isStringLiteral()||e.isNumericLiteral()||e.isBooleanLiteral())return
r.value;if(e.isNullLiteral())return null;if(e.isTemplateLiteral())return
o(e,r.quasis,t);if(e.isTaggedTemplateExpression()&&e.get("tag").isMemberExpression()){const
n=e.get("tag.object"),{node:{name:i}}=n,s=e.get("tag.property");if(n.isIdentifier()&&"String"===i&&!e.scope.get
Binding(i,!0)&&s.isIdentifier()&&"raw"===s.node.name)return
o(e,r.quasi.quasis,t,!0)}if(e.isConditionalExpression()){const r=a(e.get("test"),t);if(!t.confident)return;return
a(r?e.get("consequent"):e.get("alternate"),t)}if(e.isExpressionWrapper())return
a(e.get("expression"),t);if(e.isMemberExpression()&&!e.parentPath.isCallExpression({callee:r}))const

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t=e.get("property"),r=e.get("object");if(r.isLiteral()&&t.isIdentifier()){const e=r.node.value,n=typeof
e;if("number"===n||"string"===n)return e[t.node.name]}}if(e.isReferencedIdentifier()){const
n=e.scope.getBinding(r.name);if(n&&n.constantViolations.length>0)return
s(n.path,t);if(n&&e.node.start<n.path.node.end)return s(n.path,t);if(null===n?void 0:n.hasValue)return
n.value;if("undefined"===r.name)return n?s(n.path,t):void 0;if("Infinity"===r.name)return
n?s(n.path,t):1/0;if("NaN"===r.name)return n?s(n.path,t):NaN;const i=e.resolve();return
i===e?s(e,t):a(i,t)}if(e.isUnaryExpression({prefix:!0}))if("void"===r.operator)return;const
n=e.get("argument");if("typeof"===r.operator&&(n.isFunction()||n.isClass()))return"function";const
i=a(n,t);if(!t.confident)return;switch(r.operator){case"!":return!i;case"+":return+i;case"-":return-
i;case "~":return~i;case"typeof":return typeof i}if(e.isArrayExpression()){const r=[],n=e.get("elements");for(const e
of n){const n=e.evaluate();if(!n.confident)return s(n.deopt,t);r.push(n.value)}return
r}if(e.isObjectExpression()){const r={},n=e.get("properties");for(const e of
n){if(e.isObjectMethod()||e.isSpreadElement())return s(e,t);let
n=e.get("key");if(e.node.computed){if(n=n.evaluate(),!n.confident)return s(n.deopt,t);n=n.value}else
n=n.isIdentifier()?n.node.name:n.node.value;let i=e.get("value").evaluate();if(!i.confident)return
s(i.deopt,t);i=i.value,r[n]=i}return r}if(e.isLogicalExpression()){const
n=t.confident,i=a(e.get("left"),t),s=t.confident;t.confident=n;const
o=a(e.get("right"),t),l=t.confident;switch(r.operator){case"||":if(t.confident=s&&(l||l),!t.confident)return;return
i||o;case"&&":if(t.confident=s&&(l||l),!t.confident)return;return i&&o}}if(e.isBinaryExpression()){const
n=a(e.get("left"),t);if(!t.confident)return;const i=a(e.get("right"),t);if(!t.confident)return;switch(r.operator){case"-
":return n-i;case"+":return n+i;case"/":return n/i;case"*":return n*i;case"%":return n%i;case"**":return
Math.pow(n,i);case"<":return n<i;case">":return n>i;case"<=":return n<=i;case">=":return n>=i;case"===":return
n===i;case"!=":return n!=i;case"===":return n===i;case"!=":return n!=i;case"|":return n|i;case"&":return
n&i;case"^":return n^i;case"<<":return n<<i;case">>":return n>>i;case">>>":return
n>>>i}}if(e.isCallExpression()){const s=e.get("callee");let
o,l;if(s.isIdentifier()&&!e.scope.getBinding(s.node.name,!0)&&n.indexOf(s.node.name)>=0&&(l=global[r.callee.na
me]),s.isMemberExpression()){const
e=s.get("object"),t=s.get("property");if(e.isIdentifier()&&t.isIdentifier()&&n.indexOf(e.node.name)>=0&&i.indexO
f(t.node.name)<0&&(o=global[e.node.name],l=o[t.node.name]),e.isLiteral()&&t.isIdentifier()){const r=typeof
e.node.value,"string"!==r&&"number"!==r||(o=e.node.value,l=o[t.node.name])}}if(l){const
r=e.get("arguments").map(e=>a(e,t));if(!t.confident)return;return l.apply(o,r)}s(e,t)}(e,t);return
t.confident&&(c.resolved=!0,c.value=p),p}}function o(e,t,r,n=1){let i="",s=0;const
o=e.get("expressions");for(const e of t){if(!r.confident)break;i+=n?e.value.raw:e.value.cooked;const
t=o[s++];t&&(i+=String(a(t,r)))}if(r.confident)return i}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.toComputedKey=function(){const e=this.node;let
t;if(this.isMemberExpression())t=e.property;else if(!this.isProperty()&&!this.isMethod())throw new
ReferenceError("todo");t=e.key}e.computed||i.isIdentifier(t)&&(t=i.stringLiteral(t.name));return
t},t.ensureBlock=function(){const e=this.get("body"),t=e.node;if(Array.isArray(e))throw new Error("Can't convert
array path to a block statement");if(!t)throw new Error("Can't convert node without a
body");if(e.isBlockStatement())return t;const r=[];let
n,s,a="body";e.isStatement?(s="body",n=0,r.push(e.node)):(a+="body.0",this.isFunction?(n="argument",r.push(
i.returnStatement(e.node))):(n="expression",r.push(i.expressionStatement(e.node))));this.node.body=i.blockStateme
nt(r);const o=this.get(a);return
e.setup(o,s?o.node[s]:o.node,s,n),this.node},t.arrowFunctionToShadowed=function(){if(!this.isArrowFunctionExpre
ssion())return;this.arrowFunctionToExpression(),t.unwrapFunctionEnvironment=function(){if(!this.isArrowFunci
onExpression()&&!this.isFunctionExpression()&&!this.isFunctionDeclaration())throw
this.buildCodeFrameError("Can only unwrap the environment of a
function.");o(this)},t.arrowFunctionToExpression=function({allowInsertArrow:e=!0,specCompliant:t=!1}={}){if(!t

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his.isArrowFunctionExpression())throw this.buildCodeFrameError("Cannot convert non-arrow function to a
function expression.");const r=o(this,t,e);if(this.ensureBlock(),this.node.type="FunctionExpression",t){const
e=r?null:this.parentPath.scope.generateUidIdentifier("arrowCheckId");e&&this.parentPath.scope.push({id:e,init:i.ob
jectExpression([])},this.get("body").unshiftContainer("body",i.expressionStatement(i.callExpression(this.hub.addH
elper("newArrowCheck"),[i.thisExpression(),e?i.identifier(e.name):i.identifier(r)]))),this.replaceWith(i.callExpressio
n(i.memberExpression((0,s.default)(this,!0)||this.node,i.identifier("bind")),[e?i.identifier(e.name):i.thisExpression()
]));var n,i=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=a();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0)),s=(n=r(356))&&n.__esModule?n:{default:n};function a(){if("function"!==typeof
WeakMap)return null;var e=new WeakMap;return a=function(){return e},e}function o(e,t=!1,r=!0){const
n=e.findParent(e=>e.isFunction()&&!e.isArrowFunctionExpression()||e.isProgram()||e.isClassProperty({static:!1})),
s="constructor"===n?(null===n?void 0:n.node.kind);if(n.isClassProperty())throw e.buildCodeFrameError("Unable to
transform arrow inside class
property");const{thisPaths:a,argumentsPaths:o,newTargetPaths:p,superProps:u,superCalls:d}=function(e){const
t=[],r=[],n=[],i=[],s=[];return
e.traverse({ClassProperty(e){e.skip()},Function(e){e.isArrowFunctionExpression()||e.skip()},ThisExpression(e){t.p
ush(e)},JSXIdentifier(e){"this"===e.node.name&&(e.parentPath.isJSXMemberExpression({object:e.node})||e.paren
tPath.isJSXOpeningElement({name:e.node}))&&t.push(e)},CallExpression(e){e.get("callee").isSuper()&&s.push(e
)},MemberExpression(e){e.get("object").isSuper()&&i.push(e)},ReferencedIdentifier(e){"arguments"===e.node.na
me&&r.push(e)},MetaProperty(e){e.get("meta").isIdentifier({name:"new"})&&e.get("property").isIdentifier({name
:"target"})&&n.push(e)}},{thisPaths:t,argumentsPaths:r,newTargetPaths:n,superProps:i,superCalls:s})(e);if(s&&d.
length>0){if(!r)throw d[0].buildCodeFrameError("Unable to handle nested super() usage in arrow");const
e=[];n.traverse({Function(e){e.isArrowFunctionExpression()||e.skip()},ClassProperty(e){e.skip()},CallExpression(t)
{t.get("callee").isSuper()&&e.push(t)});const t=function(e){return c(e,"supercall",()=>>{const
t=e.scope.generateUidIdentifier("args");return
i.arrowFunctionExpression([i.restElement(t),i.callExpression(i.super(),[i.spreadElement(i.identifier(t.name))])])})(
n);e.forEach(e=>{const r=i.identifier(t);r.loc=e.node.callee.loc,e.get("callee").replaceWith(r)});if(o.length>0){const
e=c(n,"arguments",()=>>i.identifier("arguments"));o.forEach(t=>{const
r=i.identifier(e);r.loc=t.node.loc,t.replaceWith(r)});if(p.length>0){const
e=c(n,"newtarget",()=>>i.metaProperty(i.identifier("new"),i.identifier("target"));p.forEach(t=>{const
r=i.identifier(e);r.loc=t.node.loc,t.replaceWith(r)});if(u.length>0){if(!r)throw u[0].buildCodeFrameError("Unable to
handle nested super.prop
usage");u.reduce((e,t=>e.concat(function(e){if(e.parentPath.isAssignmentExpression()&&"="===e.parentPath.node
.operator){const t=e.parentPath,r=t.node.operator.slice(0,-
1),n=t.node.right;if(t.node.operator="=",e.node.computed){const
s=e.scope.generateDeclaredUidIdentifier("tmp");t.get("left").replaceWith(i.memberExpression(e.node.object,i.assig
nmentExpression("=",s,e.node.property),!0)),t.get("right").replaceWith(i.binaryExpression(r,i.memberExpression(e
.node.object,i.identifier(s.name),!0),n))}else
t.get("left").replaceWith(i.memberExpression(e.node.object,e.node.property)),t.get("right").replaceWith(i.binaryExp
ression(r,i.memberExpression(e.node.object,i.identifier(e.node.property.name)),n));return[t.get("left"),t.get("right")
.get("left")];if(e.parentPath.isUpdateExpression()){const
t=e.parentPath,r=e.scope.generateDeclaredUidIdentifier("tmp"),n=e.node.computed?e.scope.generateDeclaredUidId
entifier("prop"):null,s=[i.assignmentExpression("=",r,i.memberExpression(e.node.object,n?i.assignmentExpression(
"=",n,e.node.property):e.node.property,e.node.computed)),i.assignmentExpression("=",i.memberExpression(e.node
.object,n?i.identifier(n.name):e.node.property,e.node.computed),i.binaryExpression("+",i.identifier(r.name),i.numeric

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Literal(1))];e.parentPath.node.prefix||s.push(i.identifier(r.name)),t.replaceWith(i.sequenceExpression(s));const
a=t.get("expressions.0.right"),o=t.get("expressions.1.left");return[a,o]}return[e]}(t),[]).forEach(e=>{const
t=e.node.computed?"":e.get("property").node.name,r=e.parentPath.isAssignmentExpression({left:e.node}),s=e.pare
ntPath.isCallExpression({callee:e.node}),o=function(e,t,r){return
c(e,`superprop_${t?"set":"get"}:${r||""}`,(o=>{const n=[];let
s;if(r)s=i.memberExpression(i.super(),i.identifier(r));else{const
t=e.scope.generateUidIdentifier("prop");n.unshift(t),s=i.memberExpression(i.super(),i.identifier(t.name),!0)}if(t){co
nst t=e.scope.generateUidIdentifier("value");n.push(t),s=i.assignmentExpression("=",s,i.identifier(t.name))}return
i.arrowFunctionExpression(n,s)})(n,r,t),l=[];if(e.node.computed&&l.push(e.get("property").node),r){const
t=e.parentPath.node.right;l.push(t)}const
p=i.callExpression(i.identifier(o),l);s?(e.parentPath.unshiftContainer("arguments",i.thisExpression()),e.replaceWith(
i.memberExpression(p,i.identifier("call"))),a.push(e.parentPath.get("arguments.0"))):r?e.parentPath.replaceWith(p):
e.replaceWith(p)}let h;return(a.length>0||t)&&(h=function(e,t){return c(e,"this",r=>{if(!t||!(e))return
i.thisExpression();const n=new
WeakSet;e.traverse({Function(e){e.isArrowFunctionExpression()||e.skip()},ClassProperty(e){e.skip()},CallExpressi
on(e){e.get("callee").isSuper()&&(n.has(e.node)||n.add(e.node),e.replaceWithMultiple([e.node,i.assignmentExpress
ion("=",i.identifier(r),i.identifier("this"))]))}})})(n,s),(t||s&&l(n))&&(a.forEach(e=>{const
t=e.isJSX()?i.jsxIdentifier(h):i.identifier(h);t.loc=e.node.loc,e.replaceWith(t)},t)&&(h=null))),h}function l(e){return
e.isClassMethod()&&!e.parentPath.parentPath.node.superClass}function c(e,t,r){const n="binding:"+t;let
i=e.getData(n);if(!i){const
s=e.scope.generateUidIdentifier(t);i=s.name,e.setData(n,i),e.scope.push({id:s,init:r(i)})}return
i}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function({node:e,parent:t,scope:r,id:i,a=!1}){if(e
.id)return;if(!s.isObjectProperty(t)&&!s.isObjectMethod(t,{kind:"method"})||t.computed&&!s.isLiteral(t.key)){if(s.i
sVariableDeclarator(t)){if(i=t.id,s.isIdentifier(i)&&!a){const
t=r.parent.getBinding(i.name);if(t&&t.constant&&r.getBinding(i.name)===t)return
e.id=s.cloneNode(i),void(e.id[s.NOT_LOCAL_BINDING]=!0)}else
if(s.isAssignmentExpression(t,{operator:"="}))i=t.left;else if(!i)return}else i=t.key;let
o;i&&s.isLiteral(i)?o=function(e){if(s.isNullLiteral(e))return"null";if(s.isRegExpLiteral(e))return`_${e.pattern}_${e
.flags}`;if(s.isTemplateLiteral(e))return e.quasis.map(e=>e.value.raw).join("");if(void 0!===e.value)return
e.value+"";return""}(i):i&&s.isIdentifier(i)&&(o=i.name);if(void 0===o)return;return
o=s.toBindingIdentifierName(o),(i=s.identifier(o))[s.NOT_LOCAL_BINDING]=!0,function(e,t,r,i){if(e.selfReferen
ce){if(!i.hasBinding(r.name)||i.hasGlobal(r.name)){if(!s.isFunction(t))return;let e=!1;t.generator&&(e=c);const
a=e({FUNCTION:t,FUNCTION_ID:r,FUNCTION_KEY:i.generateUidIdentifier(r.name)}).expression,o=a.callee.b
ody.body[0].params;for(let e=0,r=(0,n.default)(t);e<r;e++)o.push(i.generateUidIdentifier("x"));return
a}i.rename(r.name)}t.id=r,i.getProgramParent().references[r.name]=!0}(function(e,t,r){const
n={selfAssignment:!1,selfReference:!1,outerDeclar:r.getBindingIdentifier(t),references:[],name:t},i=r.getOwnBindi
ng(t);i?"param"===i.kind&&(n.selfReference=!0):(n.outerDeclar||r.hasGlobal(t))&&r.traverse(e,p,n);return
n}(e,o,r),e,i,r)||e};var n=o(r(357)),i=o(r(358)),s=function(e){if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=a();if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(20));function a(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
a=function(){return e},e}function o(e){return e&&e.__esModule?e:{default:e}}const l=(0,i.default)("\\n (function
(FUNCTION_KEY) {\\n function FUNCTION_ID() {\\n return FUNCTION_KEY.apply(this, arguments);\\n
}\\n\\n FUNCTION_ID.toString = function () {\\n return FUNCTION_KEY.toString();\\n }\\n\\n return
FUNCTION_ID;\\n })(FUNCTION)\\n"),c=(0,i.default)("\\n (function (FUNCTION_KEY) {\\n function*

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FUNCTION_ID() {\n    return yield* FUNCTION_KEY.apply(this, arguments);\n    }\n\nFUNCTION_ID.toString = function () {\n    return FUNCTION_KEY.toString();\n    };\n\nreturn
FUNCTION_ID;\n
})(FUNCTION)\n"),p={"ReferencedIdentifier|BindingIdentifier"(e,t){if(e.node.name!==t.name)return;e.scope.getBindingIdentifier(t.name)===t.outerDeclar&&(t.selfReference!==0,e.stop())}},function(e,t,r){
"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e){const t=e.params;for(let e=0;e<t.length;e++){const r=t[e];if(n.isAssignmentPattern(r)|n.isRestElement(r))return e}return t.length};var n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in e)if(Object.prototype.hasOwnProperty.call(e,s)){var a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get|a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e,t&&t.set(e,r);return r}(r(20));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return i=function(){return e},e}},function(e,t,r){
"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=t.program=t.expression=t.statements=t.statement=t.smart=void 0;var n,i=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=a();if(t&&t.has(e))return t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in e)if(Object.prototype.hasOwnProperty.call(e,i)){var s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get|s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t&&t.set(e,r);return r}(r(359)),s=(n=r(360))&&n.__esModule?n:{default:n};function a(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return a=function(){return e},e}const o=(0,s.default)(i.smart);t.smart=o;const l=(0,s.default)(i.statement);t.statement=l;const c=(0,s.default)(i.statements);t.statements=c;const p=(0,s.default)(i.expression);t.expression=p;const u=(0,s.default)(i.program);t.program=u;var d=Object.assign(o.bind(void 0),{smart:o,statement:l,statements:c,expression:p,program:u,ast:o.ast});t.default=d},function(e,t,r){
"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.program=t.expression=t.statement=t.statements=t.smart=void 0;var n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in e)if(Object.prototype.hasOwnProperty.call(e,s)){var a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get|a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e,t&&t.set(e,r);return r}(r(20));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return i=function(){return e},e}function s(e){return{code:e=>`/* @babel/template */;\n"+e,validate:()=>>{}},unwrap:t=>e(t.program.body.slice(1))}const a=s(e=>e.length>1?e:e[0]);t.smart=a;const o=s(e=>e);t.statements=o;const l=s(e=>{if(0===e.length)throw new Error("Found nothing to return.");if(e.length>1)throw new Error("Found multiple statements but wanted one");return e[0]});t.statement=l;const c={code:e=>`\n${e}\n`,validate:e=>{if(e.program.body.length>1)throw new Error("Found multiple statements but wanted one");if(0===c.unwrap(e).start)throw new Error("Parse result included parens.")},unwrap:({program:e})=>{const[t]=e.body;return n.assertExpressionStatement(t,t.expression)};t.expression=c;program={code:e=>e,validate:()=>>{}},unwrap:e=>e.program}},function(e,t,r){
"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function e(t,r){const a=new WeakMap,c=new WeakMap,p=r||(0,n.validate)(null);return Object.assign((r,...o)=>{if("string"===typeof r){if(o.length>1)throw new Error("Unexpected extra params.");return l((0,i.default)(t,r,(0,n.merge)(p,(0,n.validate)(o[0])))})if(Array.isArray(r)){let e=a.get(r);return e||(e=(0,s.default)(t,r,p),a.set(r,e)),l(e(o)))}if("object"===typeof r&&r){if(o.length>0)throw new Error("Unexpected extra params.");return e(t,(0,n.merge)(p,(0,n.validate)(r)))}throw new Error("Unexpected template param "+typeof r)},{ast:(e,...r)=>{if("string"===typeof e){if(r.length>1)throw new Error("Unexpected extra

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params.");return(0,i.default)(t,e,(0,n.merge)((0,n.merge)(p,(0,n.validate)(r[0]),o))())if(Array.isArray(e)){let
i=c.get(e);return i||(i=(0,s.default)(t,e,(0,n.merge)(p,o)),c.set(e,i)),i(r()))throw new Error("Unexpected template
param "+typeof e)}};var n=r(59),i=a(r(361)),s=a(r(363));function a(e){return
e&&e.__esModule?:{default:e}}const o=(0,n.validate)({placeholderPattern:!1});function l(e){let t="";try{throw
new Error}catch(e){e.stack&&(t=e.stack.split("\n").slice(3).join("\n"))}return r=>{try{return e(r)}catch(e){throw
e.stack+="\n =====\n"+t,e}}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){let a;return t=e.code(t,o=>{const
l=(0,n.normalizeReplacements)(o);return a||(a=(0,i.default)(e,t,r)),e.unwrap((0,s.default)(a,l))});var
n=r(59),i=a(r(127)),s=a(r(128));function a(e){return e&&e.__esModule?:{default:e}}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0});class n{constructor(e,t={}){this.label=void
0,this.keyword=void 0,this.beforeExpr=void 0,this.startsExpr=void 0,this.rightAssociative=void 0,this.isLoop=void
0,this.isAssign=void 0,this.prefix=void 0,this.postfix=void 0,this.binop=void 0,this.updateContext=void
0,this.label=e,this.keyword=t.keyword,this.beforeExpr=!t.beforeExpr,this.startsExpr=!t.startsExpr,this.rightAssociative=!t.rightAssociative,this.isLoop=!t.isLoop,this.isAssign=!t.isAssign,this.prefix=!t.prefix,this.postfix=!t.postfix,this.binop=null!=t.binop?t.binop:null,this.updateContext=null}}const i=new Map;function
s(e,t={}){t.keyword=e;const r=new n(e,t);return i.set(e,r),r}function a(e,t){return new
n(e,{beforeExpr:!0,binop:t})}const o={num:new n("num",{startsExpr:!0}),bigint:new
n("bigint",{startsExpr:!0}),decimal:new n("decimal",{startsExpr:!0}),regexp:new
n("regexp",{startsExpr:!0}),string:new n("string",{startsExpr:!0}),name:new
n("name",{startsExpr:!0}),privateName:new n("#name",{startsExpr:!0}),eof:new n("eof"),bracketL:new
n("[",{beforeExpr:!0,startsExpr:!0}),bracketHashL:new n("#[",{beforeExpr:!0,startsExpr:!0}),bracketBarL:new
n("[|",{beforeExpr:!0,startsExpr:!0}),bracketR:new n("]"),bracketBarR:new n("]|"),braceL:new
n("{",{beforeExpr:!0,startsExpr:!0}),braceBarL:new n("{|",{beforeExpr:!0,startsExpr:!0}),braceHashL:new
n("#",{beforeExpr:!0,startsExpr:!0}),braceR:new n("}"),braceBarR:new n("}|"),parenL:new
n("(",{beforeExpr:!0,startsExpr:!0}),parenR:new n(")"),comma:new n(",",{beforeExpr:!0}),semi:new
n(";",{beforeExpr:!0}),colon:new n(":",{beforeExpr:!0}),doubleColon:new n("::",{beforeExpr:!0}),dot:new
n(".",{beforeExpr:!0}),question:new n("?",{beforeExpr:!0}),questionDot:new n("?."),arrow:new
n("=>",{beforeExpr:!0}),template:new n("template"),ellipsis:new n("...",{beforeExpr:!0}),backQuote:new
n("`",{startsExpr:!0}),dollarBraceL:new n("$",{beforeExpr:!0,startsExpr:!0}),at:new n("@"),hash:new
n("#",{startsExpr:!0}),interpreterDirective:new n("#!...",{beforeExpr:!0}),eq:new n("=",{beforeExpr:!0,isAssign:!0}),assign:new
n("_=",{beforeExpr:!0,isAssign:!0}),incDec:new n("++/--",{prefix:!0,postfix:!0,startsExpr:!0}),bang:new
n("!",{beforeExpr:!0,prefix:!0,startsExpr:!0}),tilde:new
n("~",{beforeExpr:!0,prefix:!0,startsExpr:!0}),pipeline:a(">",0),nullishCoalescing:a("??",1),logicalOR:a("||",1),logi
calAND:a("&&",2),bitwiseOR:a("|",3),bitwiseXOR:a("^",4),bitwiseAND:a("&",5),equality:a("==/!/=/===/!==",6),re
lational:a("</<=>",7),bitShift:a("<</>>",8),plusMin:new n("+/-",{beforeExpr:!0,binop:9,prefix:!0,startsExpr:!0}),modulo:new
n("%",{beforeExpr:!0,binop:10,startsExpr:!0}),star:new n("*",{binop:10}),slash:a("/",10),exponent:new
n("**",{beforeExpr:!0,binop:11,rightAssociative:!0}),_break:s("break"),_case:s("case",{beforeExpr:!0}),_catch:s("c
atch"),_continue:s("continue"),_debugger:s("debugger"),_default:s("default",{beforeExpr:!0}),_do:s("do",{isLoop:!
0,beforeExpr:!0}),_else:s("else",{beforeExpr:!0}),_finally:s("finally"),_for:s("for",{isLoop:!0}),_function:s("functio
n",{startsExpr:!0}),_if:s("if"),_return:s("return",{beforeExpr:!0}),_switch:s("switch"),_throw:s("throw",{beforeExp
r:!0,prefix:!0,startsExpr:!0}),_try:s("try"),_var:s("var"),_const:s("const"),_while:s("while",{isLoop:!0}),_with:s("wit
h"),_new:s("new",{beforeExpr:!0,startsExpr:!0}),_this:s("this",{startsExpr:!0}),_super:s("super",{startsExpr:!0}),_c
lass:s("class",{startsExpr:!0}),_extends:s("extends",{beforeExpr:!0}),_export:s("export"),_import:s("import",{starts
Expr:!0}),_null:s("null",{startsExpr:!0}),_true:s("true",{startsExpr:!0}),_false:s("false",{startsExpr:!0}),_in:s("in",{
beforeExpr:!0,binop:7}),_instanceof:s("instanceof",{beforeExpr:!0,binop:7}),_typeof:s("typeof",{beforeExpr:!0,prefi
x:!0,startsExpr:!0}),_void:s("void",{beforeExpr:!0,prefix:!0,startsExpr:!0}),_delete:s("delete",{beforeExpr:!0,prefi
x:!0,startsExpr:!0}),l=/\r\n?|[\n\u2028\u2029]/,c=new RegExp(l.source,"g");function p(e){switch(e){case
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10:case 13:case 8232:case 8233:return!0;default:return!1 }const u=(?:\\s\\\\\\.|.*\\\\\\\\*[^]*?\\\\\\\\)/g;function
d(e){switch(e){case 9:case 11:case 12:case 32:case 160:case 5760:case 8192:case 8193:case 8194:case 8195:case
8196:case 8197:case 8198:case 8199:case 8200:case 8201:case 8202:case 8239:case 8287:case 12288:case
65279:return!0;default:return!1 }class h{constructor(e,t){this.line=void 0,this.column=void
0,this.line=e,this.column=t}}class f{constructor(e,t){this.start=void 0,this.end=void 0,this.filename=void
0,this.identifierName=void 0,this.start=e,this.end=t}}function m(e){return e[e.length-1]}const
y=Object.freeze({SyntaxError:"BABEL_PARSER_SYNTAX_ERROR",SourceTypeModuleError:"BABEL_PARS
ER_SOURCETYPE_MODULE_REQUIRED"}),T=g({AccessorIsGenerator:"A %0ter cannot be a
generator.",ArgumentsInClass:"'arguments' is only allowed in functions and class
methods.",AsyncFunctionInSingleStatementContext:"Async functions can only be declared at the top level or inside
a block.",AwaitBindingIdentifier:"Can not use 'await' as identifier inside an async
function.",AwaitBindingIdentifierInStaticBlock:"Can not use 'await' as identifier inside a static
block.",AwaitExpressionFormalParameter:"'await' is not allowed in async function
parameters.",AwaitNotInAsyncContext:"'await' is only allowed within async functions and at the top levels of
modules.",AwaitNotInAsyncFunction:"'await' is only allowed within async functions.",BadGetterArity:"A 'get'
accesor must not have any formal parameters.",BadSetterArity:"A 'set' accesor must have exactly one formal
parameter.",BadSetterRestParameter:"A 'set' accesor function argument must not be a rest
parameter.",ConstructorClassField:"Classes may not have a field named
'constructor'.",ConstructorClassPrivateField:"Classes may not have a private field named
'#constructor'.",ConstructorIsAccessor:"Class constructor may not be an
accessor.",ConstructorIsAsync:"Constructor can't be an async function.",ConstructorIsGenerator:"Constructor can't
be a generator.",DeclarationMissingInitializer:"'%0' require an initialization
value.",DecoratorBeforeExport:"Decorators must be placed *before* the 'export' keyword. You can set the
'decoratorsBeforeExport' option to false to use the 'export @decorator class {}'
syntax.",DecoratorConstructor:"Decorators can't be used with a constructor. Did you mean '@dec class { ...
}'?",DecoratorExportClass:"Using the export keyword between a decorator and a class is not allowed. Please use
`export @dec class` instead.",DecoratorSemicolon:"Decorators must not be followed by a
semicolon.",DecoratorStaticBlock:"Decorators can't be used with a static block.",DeletePrivateField:"Deleting a
private field is not allowed.",DestructureNamedImport:"ES2015 named imports do not destructure. Use another
statement for destructuring after the import.",DuplicateConstructor:"Duplicate constructor in the same
class.",DuplicateDefaultExport:"Only one default export allowed per module.",DuplicateExport:"'%0' has already
been exported. Exported identifiers must be unique.",DuplicateProto:"Redefinition of __proto__
property.",DuplicateRegExpFlags:"Duplicate regular expression flag.",ElementAfterRest:"Rest element must be last
element.",EscapedCharNotAnIdentifier:"Invalid Unicode escape.",ExportBindingIsString:"A string literal cannot be
used as an exported binding without `from`.\\n- Did you mean `export { '%0' as '%1' } from 'some-
module'`?",ExportDefaultFromAsIdentifier:"'from' is not allowed as an identifier after 'export
default'.",ForInOfLoopInitializer:"'%0' loop variable declaration may not have an initializer.",ForOfAsync:"The
left-hand side of a for-of loop may not be 'async'.",ForOfLet:"The left-hand side of a for-of loop may not start with
'let'.",GeneratorInSingleStatementContext:"Generators can only be declared at the top level or inside a
block.",IllegalBreakContinue:"Unsyntactic %0.",IllegalLanguageModeDirective:"Illegal 'use strict' directive in
function with non-simple parameter list.",IllegalReturn:"'return' outside of function.",ImportBindingIsString:"A
string literal cannot be used as an imported binding.\\n- Did you mean `import { '%0' as foo
}`?",ImportCallArgumentTrailingComma:"Trailing comma is disallowed inside import(...)
arguments.",ImportCallArity:"`import()` requires exactly %0.",ImportCallNotNewExpression:"Cannot use new with
import(...).",ImportCallSpreadArgument:"`...` is not allowed in `import()`.",InvalidBigIntLiteral:"Invalid
BigIntLiteral.",InvalidCodePoint:"Code point out of bounds.",InvalidDecimal:"Invalid
decimal.",InvalidDigit:"Expected number in radix %0.",InvalidEscapeSequence:"Bad character escape
sequence.",InvalidEscapeSequenceTemplate:"Invalid escape sequence in

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template.",InvalidEscapedReservedWord:"Escape sequence in keyword %0.",InvalidIdentifier:"Invalid identifier %0.",InvalidLhs:"Invalid left-hand side in %0.",InvalidLhsBinding:"Binding invalid left-hand side in %0.",InvalidNumber:"Invalid number.",InvalidOrMissingExponent:"Floating-point numbers require a valid exponent after the \e\.",InvalidOrUnexpectedToken:"Unexpected character \%.\"",InvalidParenthesizedAssignment:"Invalid parenthesized assignment pattern.",InvalidPrivateFieldResolution:"Private name #%0 is not defined.",InvalidPropertyBindingPattern:"Binding member expression.",InvalidRecordProperty:"Only properties and spread elements are allowed in record definitions.",InvalidRestAssignmentPattern:"Invalid rest operator's argument.",LabelRedeclaration:"Label \%.\" is already declared.",LetInLexicalBinding:"\let\" is not allowed to be used as a name in \let\" or \const\" declarations.",LineTerminatorBeforeArrow:"No line break is allowed before \=>\".",MalformedRegExpFlags:"Invalid regular expression flag.",MissingClassName:"A class name is required.",MissingEqInAssignment:"Only \=\" operator can be used for specifying default value.",MissingSemicolon:"Missing semicolon.",MissingUnicodeEscape:"Expecting Unicode escape sequence \\\uXXXX.",MixingCoalesceWithLogical:"Nullish coalescing operator(??) requires parens when mixing with logical operators.",ModuleAttributeDifferentFromType:"The only accepted module attribute is `type`.",ModuleAttributeInvalidValue:"Only string literals are allowed as module attribute values.",ModuleAttributesWithDuplicateKeys:\Duplicate key "%0" is not allowed in module attributes.\,ModuleExportNameHasLoneSurrogate:"An export name cannot include a lone surrogate, found \\\u%0\".",ModuleExportUndefined:"Export \%.\" is not defined.",MultipleDefaultsInSwitch:"Multiple default clauses.",NewlineAfterThrow:"Illegal newline after throw.",NoCatchOrFinally:"Missing catch or finally clause.",NumberIdentifier:"Identifier directly after number.",NumericSeparatorInEscapeSequence:"Numeric separators are not allowed inside unicode escape sequences or hex escape sequences.",ObsoleteAwaitStar:"\await*\" has been removed from the async functions proposal. Use Promise.all() instead.",OptionalChainingNoNew:"Constructors in/after an Optional Chain are not allowed.",OptionalChainingNoTemplate:"Tagged Template Literals are not allowed in optionalChain.",OverrideOnConstructor:"\override\" modifier cannot appear on a constructor declaration.",ParamDupe:"Argument name clash.",PatternHasAccessor:"Object pattern can't contain getter or setter.",PatternHasMethod:"Object pattern can't contain methods.",PipelineBodyNoArrow:\Unexpected arrow "=>" after pipeline body; arrow function in pipeline body must be parenthesized.\,PipelineBodySequenceExpression:"Pipeline body may not be a comma-separated sequence expression.",PipelineHeadSequenceExpression:"Pipeline head should not be a comma-separated sequence expression.",PipelineTopicUnused:"Pipeline is in topic style but does not use topic reference.",PrimaryTopicNotAllowed:"Topic reference was used in a lexical context without topic binding.",PrimaryTopicRequiresSmartPipeline:"Primary Topic Reference found but pipelineOperator not passed \smart\" for \proposal\" option.",PrivateInExpectedIn:"Private names are only allowed in property accesses (obj. #%0) or in `in` expressions (` ` in obj ` `).",PrivateNameRedeclaration:"Duplicate private name #%0.",RecordExpressionBarIncorrectEndSyntaxType:"Record expressions ending with \}\}\" are only allowed when the \syntaxType\" option of the \recordAndTuple\" plugin is set to \bar\".",RecordExpressionBarIncorrectStartSyntaxType:"Record expressions starting with \{\{\\" are only allowed when the \syntaxType\" option of the \recordAndTuple\" plugin is set to \bar\".",RecordExpressionHashIncorrectStartSyntaxType:"Record expressions starting with \#\{\\" are only allowed when the \syntaxType\" option of the \recordAndTuple\" plugin is set to \hash\".",RecordNoProto:"__proto__\" is not allowed in Record expressions.",RestTrailingComma:"Unexpected trailing comma after rest element.",SloppyFunction:"In non-strict mode code, functions can only be declared at top level, inside a block, or as the body of an if statement.",StaticPrototype:"Classes may not have static property named prototype.",StrictDelete:"Deleting local variable in strict mode.",StrictEvalArguments:"Assigning to \%.\" in strict mode.",StrictEvalArgumentsBinding:"Binding \%.\" in strict mode.",StrictFunction:"In strict mode code, functions can only be declared at top level or inside a block.",StrictNumericEscape:"The only valid numeric escape in strict

mode is '\\\0\',"StrictOctalLiteral:"Legacy octal literals are not allowed in strict mode.",StrictWith:"\'with\' in strict mode.",SuperNotAllowed:"`super()` is only valid inside a class constructor of a subclass. Maybe a typo in the method name (\'constructor\') or not extending another class?",SuperPrivateField:"Private fields can't be accessed on super.",TrailingDecorator:"Decorators must be attached to a class element.",TupleExpressionBarIncorrectEndSyntaxType:"Tuple expressions ending with \']\' are only allowed when the \'syntaxType\' option of the \'recordAndTuple\' plugin is set to \'bar\'.",TupleExpressionBarIncorrectStartSyntaxType:"Tuple expressions starting with \[\' are only allowed when the \'syntaxType\' option of the \'recordAndTuple\' plugin is set to \'bar\'.",TupleExpressionHashIncorrectStartSyntaxType:"Tuple expressions starting with \#\\' are only allowed when the \'syntaxType\' option of the \'recordAndTuple\' plugin is set to \'hash\'.",UnexpectedArgumentPlaceholder:"Unexpected argument placeholder.",UnexpectedAwaitAfterPipelineBody:"Unexpected \"await\" after pipeline body; await must have parentheses in minimal proposal.",UnexpectedDigitAfterHash:"Unexpected digit after hash token.",UnexpectedImportExport:"\'import\' and \'export\' may only appear at the top level.",UnexpectedKeyword:"Unexpected keyword \'%0\'.",UnexpectedLeadingDecorator:"Leading decorators must be attached to a class declaration.",UnexpectedLexicalDeclaration:"Lexical declaration cannot appear in a single-statement context.",UnexpectedNewTarget:"`new.target` can only be used in functions or class properties.",UnexpectedNumericSeparator:"A numeric separator is only allowed between two digits.",UnexpectedPrivateField:"Private names can only be used as the name of a class element (i.e. class C { #p = 42; #m() {} })\n or a property of member expression (i.e. this.#p).",UnexpectedReservedWord:"Unexpected reserved word \'%0\'.",UnexpectedSuper:"\'super\' is only allowed in object methods and classes.",UnexpectedToken:"Unexpected token \'%0\'.",UnexpectedTokenUnaryExponentiation:"Illegal expression. Wrap left hand side or entire exponentiation in parentheses.",UnsupportedBind:"Binding should be performed on object property.",UnsupportedDecoratorExport:"A decorated export must export a class declaration.",UnsupportedDefaultExport:"Only expressions, functions or classes are allowed as the `default` export.",UnsupportedImport:"`import` can only be used in `import()` or `import.meta`.",UnsupportedMetaProperty:"The only valid meta property for %0 is %0.%1.",UnsupportedParameterDecorator:"Decorators cannot be used to decorate parameters.",UnsupportedPropertyDecorator:"Decorators cannot be used to decorate object literal properties.",UnsupportedSuper:"\'super\' can only be used with function calls (i.e. super()) or in property accesses (i.e. super.prop or super[prop]).",UnterminatedComment:"Unterminated comment.",UnterminatedRegExp:"Unterminated regular expression.",UnterminatedString:"Unterminated string constant.",UnterminatedTemplate:"Unterminated template.",VarRedeclaration:"Identifier \'%0\' has already been declared.",YieldBindingIdentifier:"Can not use \'yield\' as identifier inside a generator.",YieldInParameter:"Yield expression is not allowed in formal parameters.",ZeroDigitNumericSeparator:"Numeric separator can not be used after leading 0."},y.SyntaxError),b=g({ImportMetaOutsideModule:"import.meta may appear only with \'sourceType: \'module\'",ImportOutsideModule:"\'import\' and \'export\' may appear only with \'sourceType: \'module\'",y.SourceTypeModuleError);function g(e,t){const r={};return Object.keys(e).forEach(n=>{r[n]=Object.freeze({code:t,reasonCode:n,template:e[n]})}),Object.freeze(r)}class S{constructor(e,t,r,n){this.token=void 0,this.isExpr=void 0,this.preserveSpace=void 0,this.override=void 0,this.token=e,this.isExpr=!t,this.preserveSpace=!r,this.override=n }const x={braceStatement:new S("{",!1),braceExpression:new S("{",!0),recordExpression:new S("#{",!0),templateQuasi:new S("\${",!1),parenStatement:new S("(",!1),parenExpression:new S("(",!0),template:new S("`",!0,!0,e=>e.readTmpToken()),functionExpression:new S("function",!0),functionStatement:new S("function",!1)};o.parenR.updateContext=o.braceR.updateContext=function(){if(1===this.state.context.length)return void(this.state.exprAllowed=!0);let e=this.state.context.pop();e===x.braceStatement&&"function"===this.curContext().token&&(e=this.state.context.pop()),this.state.exprAllowed=!e.isExpr},o.name.updateContext=function(e){let

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t=!1;e!==(o.dot&&("of"!=this.state.value||this.state.exprAllowed||e===o._function||e===o._class||(t=!0)),this.state.e
xprAllowed=t},o.braceL.updateContext=function(e){this.state.context.push(this.braceIsBlock(e)?x.braceStatement:
x.braceExpression),this.state.exprAllowed=!0},o.dollarBraceL.updateContext=function(){this.state.context.push(x.t
emplateQuasi),this.state.exprAllowed=!0},o.parenL.updateContext=function(e){const
t=e===o._if||e===o._for||e===o._with||e===o._while;this.state.context.push(t?x.parenStatement:x.parenExpression)
,this.state.exprAllowed=!0},o.incDec.updateContext=function(){},o._function.updateContext=o._class.updateConte
xt=function(e){!e.beforeExpr||e===o.semi||e===o._else||e===o._return&&this.hasPrecedingLineBreak()|(e===o.col
on||e===o.braceL)&&this.curContext()===x.b_stat?this.state.context.push(x.functionStatement):this.state.context.p
ush(x.functionExpression),this.state.exprAllowed=!1},o.backQuote.updateContext=function(){this.curContext()===
x.template?this.state.context.pop():this.state.context.push(x.template),this.state.exprAllowed=!1},o.braceHashL.upd
ateContext=function(){this.state.context.push(x.recordExpression),this.state.exprAllowed=!0};let E="μ°À-ÖØ-öø-
^
-----
-----",P="-----
-----";const v=new RegExp("[+E+]"),A=new RegExp("[+E+P+]");E=P=null;const
w=[0,11,2,25,2,18,2,1,2,14,3,13,35,122,70,52,268,28,4,48,48,31,14,29,6,37,11,29,3,35,5,7,2,4,43,157,19,35,5,35,5,
39,9,51,157,310,10,21,11,7,153,5,3,0,2,43,2,1,4,0,3,22,11,22,10,30,66,18,2,1,11,21,11,25,71,55,7,1,65,0,16,3,2,2,2,
28,43,28,4,28,36,7,2,27,28,53,11,21,11,18,14,17,111,72,56,50,14,50,14,35,349,41,7,1,79,28,11,0,9,21,107,20,28,22,
13,52,76,44,33,24,27,35,30,0,3,0,9,34,4,0,13,47,15,3,22,0,2,0,36,17,2,24,85,6,2,0,2,3,2,14,2,9,8,46,39,7,3,1,3,21,2,6
,2,1,2,4,4,0,19,0,13,4,159,52,19,3,21,2,31,47,21,1,2,0,185,46,42,3,37,47,21,0,60,42,14,0,72,26,230,43,117,63,32,7,3
,0,3,7,2,1,2,23,16,0,2,0,95,7,3,38,17,0,2,0,29,0,11,39,8,0,22,0,12,45,20,0,35,56,264,8,2,36,18,0,50,29,113,6,2,1,2,37
,22,0,26,5,2,1,2,31,15,0,328,18,190,0,80,921,103,110,18,195,2749,1070,4050,582,8634,5688,30,114,29,19,47,17,3,
32,20,6,18,689,63,129,74,6,0,67,12,65,1,2,0,29,6135,9,1237,43,8,8952,286,50,2,18,3,9,395,2309,106,6,12,4,8,8,9,5
991,84,2,70,2,1,3,0,3,1,3,3,2,11,2,0,2,6,2,64,2,3,3,7,2,6,2,27,2,3,2,4,2,0,4,6,2,339,3,24,2,24,2,30,2,24,2,30,2,24,2,30,2,24,2,7,2357,44,11,6,17,0,370,43,1301,196,60,67,8,0,1205,3,2,26,2,1,2,0,3,0,2,9,2,3,2,0,2,0,7,0,5,0,2,0,2
,0,2,2,2,1,2,0,3,0,2,0,2,0,2,0,2,1,2,0,3,3,2,6,2,3,2,3,2,0,2,9,2,16,6,2,2,4,2,16,4421,42717,35,4148,12,221,3,5761,
15,7472,3104,541,1507,4938],O=[509,0,227,0,150,4,294,9,1368,2,2,1,6,3,41,2,5,0,166,1,574,3,9,9,370,1,154,10,17
6,2,54,14,32,9,16,3,46,10,54,9,7,2,37,13,2,9,6,1,45,0,13,2,49,13,9,3,2,11,83,11,7,0,161,11,6,9,7,3,56,1,2,6,3,1,3,2,1
0,0,11,1,3,6,4,4,193,17,10,9,5,0,82,19,13,9,214,6,3,8,28,1,83,16,16,9,82,12,9,9,84,14,5,9,243,14,166,9,71,5,2,1,3,3,
2,0,2,1,13,9,120,6,3,6,4,0,29,9,41,6,2,3,9,0,10,10,47,15,406,7,2,7,17,9,57,21,2,13,123,5,4,0,2,1,2,6,2,0,9,9,49,4,2,1,
2,4,9,9,330,3,19306,9,135,4,60,6,26,9,1014,0,2,54,8,3,82,0,12,1,19628,1,5319,4,4,5,9,7,3,6,31,3,149,2,1418,49,513,
54,5,49,9,0,15,0,23,4,2,14,1361,6,2,16,3,6,2,1,2,4,262,6,10,9,419,13,1495,6,110,6,6,9,4759,9,787719,239];function
I(e,t){let r=65536;for(let
n=0,i=t.length;n<i;n+=2){if(r+=t[n],r>e)return!1;if(r+=t[n+1],r>=e)return!0}return!1}function C(e){return
e<65?36===e:e<=90||(e<97?95===e:e<=122||(e<=65535?e>=170&&v.test(String.fromCharCode(e)):I(e,w)))}functi
on N(e){return
e<48?36===e:e<58!|(e<65)&&(e<=90||(e<97?95===e:e<=122||(e<=65535?e>=170&&A.test(String.fromCharCode
(e)):I(e,w)||I(e,O)))}const
k=["implements","interface","let","package","private","protected","public","static","yield"],D=["eval","arguments"],
_=new
Set(["break","case","catch","continue","debugger","default","do","else","finally","for","function","if","return","swit
ch","throw","try","var","const","while","with","new","this","super","class","extends","export","import","null","true"
,"false","in","instanceof","typeof","void","delete"]),L=new Set(k),M=new Set(D);function j(e,t){return
t&&"await"===e||"enum"===e}function F(e,t){return j(e,t)||L.has(e)}function R(e){return M.has(e)}function
B(e,t){return F(e,t)||R(e)}function U(e){return _.has(e)}const V=/^in(stanceof)?$/;class
K{constructor(e){this.flags=void 0,this.var=[],this.lexical=[],this.functions=[],this.flags=e}}class
q{constructor(e,t){this.scopeStack=[],this.undefinedExports=new Map,this.undefinedPrivateNames=new
Map,this.raise=e,this.inModule=t}get inFunction(){return(2&this.currentVarScope().flags)>0}get

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allowSuper(){return(16&this.currentThisScope().flags)>0}get
allowDirectSuper(){return(32&this.currentThisScope().flags)>0}get
inClass(){return(64&this.currentThisScope().flags)>0}get
inStaticBlock(){return(128&this.currentThisScope().flags)>0}get
inNonArrowFunction(){return(2&this.currentThisScope().flags)>0}get treatFunctionsAsVar(){return
this.treatFunctionsAsVarInScope(this.currentScope())}createScope(e){return new
K(e)}enter(e){this.scopeStack.push(this.createScope(e))}exit(){this.scopeStack.pop()}treatFunctionsAsVarInScope(
e){return!!(2&e.flags||this.inModule&&1&e.flags)}declareName(e,t,r){let
n=this.currentScope();if(8&t|16&t)this.checkRedeclarationInScope(n,e,t,r),16&t?n.functions.push(e):n.lexical.push(
e),8&t&&this.maybeExportDefined(n,e);else if(4&t)for(let i=this.scopeStack.length-
1;i>=0&&(n=this.scopeStack[i],this.checkRedeclarationInScope(n,e,t,r),n.var.push(e),this.maybeExportDefined(n,e)
,!(259&n.flags));--
i);this.inModule&&1&n.flags&&this.undefinedExports.delete(e)}maybeExportDefined(e,t){this.inModule&&1&e.f
lags&&this.undefinedExports.delete(t)}checkRedeclarationInScope(e,t,r,n){this.isRedeclaredInScope(e,t,r)&&this.r
aise(n,T.VarRedeclaration,t)}isRedeclaredInScope(e,t,r){return!!(1&r)&&(8&r?e.lexical.indexOf(t)>-
1||e.functions.indexOf(t)>-1||e.var.indexOf(t)>-1:16&r?e.lexical.indexOf(t)>-
1||this.treatFunctionsAsVarInScope(e)&&e.var.indexOf(t)>-1:e.lexical.indexOf(t)>-
1&&!(8&e.flags&&e.lexical[0]===t)||this.treatFunctionsAsVarInScope(e)&&e.functions.indexOf(t)>-
1)}checkLocalExport(e){-1===this.scopeStack[0].lexical.indexOf(e.name)&&-
1===this.scopeStack[0].var.indexOf(e.name)&&-
1===this.scopeStack[0].functions.indexOf(e.name)&&this.undefinedExports.set(e.name,e.start)}currentScope(){ret
urn this.scopeStack[this.scopeStack.length-1]}currentVarScope(){for(let e=this.scopeStack.length-1;e--){const
t=this.scopeStack[e];if(259&t.flags)return t)}currentThisScope(){for(let e=this.scopeStack.length-1;e--){const
t=this.scopeStack[e];if((259&t.flags|64&t.flags)&&!(4&t.flags))return t}}class Y extends
K{constructor(...e){super(...e),this.declareFunctions=[]}class W extends q{createScope(e){return new
Y(e)}declareName(e,t,r){const n=this.currentScope();if(2048&t)return
this.checkRedeclarationInScope(n,e,t,r),this.maybeExportDefined(n,e),void
n.declareFunctions.push(e);super.declareName(...arguments)}isRedeclaredInScope(e,t,r){return!!super.isRedeclared
InScope(...arguments)||!(2048&r)&&(!e.declareFunctions.includes(t)&&(e.lexical.includes(t)||e.functions.includes(t)
))}checkLocalExport(e){-
1===this.scopeStack[0].declareFunctions.indexOf(e.name)&&super.checkLocalExport(e)}const X=new
Set(["_","any","bool","boolean","empty","extends","false","interface","mixed","null","number","static","string","tru
e","typeof","void"]),J=g({AmbiguousConditionalArrow:"Ambiguous expression: wrap the arrow functions in
parentheses to disambiguate.",AmbiguousDeclareModuleKind:"Found both `declare module.exports` and `declare
export` in the same module. Modules can only have 1 since they are either an ES module or they are a CommonJS
module.",AssignReservedType:"Cannot overwrite reserved type %0.",DeclareClassElement:"The `declare` modifier
can only appear on class fields.",DeclareClassFieldInitializer:"Initializers are not allowed in fields with the `declare`
modifier.",DuplicateDeclareModuleExports:"Duplicate `declare module.exports`
statement.",EnumBooleanMemberNotInitialized:"Boolean enum members need to be initialized. Use either `%0 =
true,` or `%0 = false,` in enum `%1`.",EnumDuplicateMemberName:"Enum member names need to be unique, but
the name `%0` has already been used before in enum `%1`.",EnumInconsistentMemberValues:"Enum `%0` has
inconsistent member initializers. Either use no initializers, or consistently use literals (either booleans, numbers, or
strings) for all member initializers.",EnumInvalidExplicitType:"Enum type `%1` is not valid. Use one of `boolean`,
`number`, `string`, or `symbol` in enum `%0`.",EnumInvalidExplicitTypeUnknownSupplied:"Supplied enum type is
not valid. Use one of `boolean`, `number`, `string`, or `symbol` in enum
`%0`.",EnumInvalidMemberInitializerPrimaryType:"Enum `%0` has type `%2`, so the initializer of `%1` needs to
be a %2 literal.",EnumInvalidMemberInitializerSymbolType:"Symbol enum members cannot be initialized. Use
`%1,` in enum `%0`.",EnumInvalidMemberInitializerUnknownType:"The enum member initializer for `%1` needs

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to be a literal (either a boolean, number, or string) in enum `0`.",EnumInvalidMemberName:"Enum member names cannot start with lowercase `a` through `z`. Instead of using `0`, consider using `1`, in enum `2`.",EnumNumberMemberNotInitialized:"Number enum members need to be initialized, e.g. `1 = 1` in enum `0`.",EnumStringMemberInconsistentlyInitailized:"String enum members need to consistently either all use initializers, or use no initializers, in enum `0`.",GetterMayNotHaveThisParam:"A getter cannot have a `this` parameter.",ImportTypeShorthandOnlyInPureImport:"The `type` and `typeof` keywords on named imports can only be used on regular `import` statements. It cannot be used with `import type` or `import typeof` statements.",InexactInsideExact:"Explicit inexact syntax cannot appear inside an explicit exact object type.",InexactInsideNonObject:"Explicit inexact syntax cannot appear in class or interface definitions.",InexactVariance:"Explicit inexact syntax cannot have variance.",InvalidNonTypeImportInDeclareModule:"Imports within a `declare module` body must always be `import type` or `import typeof`.",MissingTypeParamDefault:"Type parameter declaration needs a default, since a preceding type parameter declaration has a default.",NestedDeclareModule:"`declare module` cannot be used inside another `declare module`.",NestedFlowComment:"Cannot have a flow comment inside another flow comment.",OptionalBindingPattern:"A binding pattern parameter cannot be optional in an implementation signature.",SetterMayNotHaveThisParam:"A setter cannot have a `this` parameter.",SpreadVariance:"Spread properties cannot have variance.",ThisParamAnnotationRequired:"A type annotation is required for the `this` parameter.",ThisParamBannedInConstructor:"Constructors cannot have a `this` parameter; constructors don't bind `this` like other functions.",ThisParamMayNotBeOptional:"The `this` parameter cannot be optional.",ThisParamMustBeFirst:"The `this` parameter must be the first function parameter.",ThisParamNoDefault:"The `this` parameter may not have a default value.",TypeBeforeInitializer:"Type annotations must come before default assignments, e.g. instead of `age = 25: number` use `age: number = 25`.",TypeCastInPattern:"The type cast expression is expected to be wrapped with parenthesis.",UnexpectedExplicitInexactInObject:"Explicit inexact syntax must appear at the end of an inexact object.",UnexpectedReservedType:"Unexpected reserved type %0.",UnexpectedReservedUnderscore:"`_` is only allowed as a type argument to call or new.",UnexpectedSpaceBetweenModuloChecks:"Spaces between `%` and `checks` are not allowed here.",UnexpectedSpreadType:"Spread operator cannot appear in class or interface definitions.",UnexpectedSubtractionOperand:"Unexpected token, expected \"number\" or \"bigint\".",UnexpectedTokenAfterTypeParameter:"Expected an arrow function after this type parameter declaration.",UnexpectedTypeParameterBeforeAsyncArrowFunction:"Type parameters must come after the async keyword, e.g. instead of `

:"" ,Phi:"" ,Chi:"" ,Psi:"" ,Omega:"" ,alpha:"" ,beta:"" ,gamma:"" ,delta:"" ,epsilon:"" ,zeta:"" ,eta:"" ,theta:"" ,iota:"" ,kappa:"
 " ,lambda:"" ,mu:"" ,nu:"" ,xi:"" ,omicron:"" ,pi:"" ,rho:"" ,sigma:"" ,tau:"" ,upsilon:"" ,phi:"" ,chi:"" ,psi:"" ,omega
 :"" ,thetasym:"" ,upsih:"" ,piv:"" ,ensp:"" ,emsp:"" ,thinsp:"
 " ,zwnj:"" ,zwj:"" ,lrm:"" ,rlm:"" ,ndash:"" ,mdash:"" ,lsquo:"" ,rsquo:"" ,sbquo:"" ,ldquo:"" ,rdquo:"" ,bdquo:"" ,da
 gger:"" ,Dagger:"" ,bull:"" ,hellip:"" ,permil:"" ,prime:"" ,Prime:"" ,lsaquo:"" ,rsaquo:"" ,oline:"" ,frac:"" ,euro:""
 " ,image:"" ,weierp:"" ,real:"" ,trade:"" ,alefsym:"" ,larr:"" ,uarr:"" ,rarr:"" ,darr:"" ,harr:"" ,crarr:"" ,lArr:"" ,uArr:"" ,rArr:"
 " ,dArr:"" ,hArr:"" ,forall:"" ,part:"" ,exist:"" ,empty:"" ,nabla:"" ,isin:"" ,notin:"" ,ni:"" ,prod:"" ,sum:"" ,minus:"" ,lowast:"" ,r
 adic:"" ,prop:"" ,infin:"" ,ang:"" ,and:"" ,or:"" ,cap:"" ,cup:"" ,int:"" ,there4:"" ,sim:"" ,cong:"" ,asympt:"" ,ne:"" ,equiv:"" ,le:""
 ,ge:"" ,sub:"" ,sup:"" ,nsup:"" ,sube:"" ,supe:"" ,oplus:"" ,otimes:"" ,perp:"" ,sdot:"" ,lceil:"" ,rceil:"" ,lfloor:"" ,rfloor:"" ,lang:
 "" ,rang:"" ,loz:"" ,spades:"" ,clubs:"" ,hearts:"" ,diams:"" } ,Z=/^[\da-fA-
 F]+\$/ ,ee=/^\d+\$/ ,te=g({ AttributeIsEmpty:"JSX attributes must only be assigned a non-empty
 expression." ,MissingClosingTagElement:"Expected corresponding JSX closing tag for
 <%0>." ,MissingClosingTagFragment:"Expected corresponding JSX closing tag for
 <>." ,UnexpectedSequenceExpression:"Sequence expressions cannot be directly nested inside JSX. Did you mean to
 wrap it in parentheses (...)?" ,UnsupportedJsxValue:"JSX value should be either an expression or a quoted JSX
 text." ,UnterminatedJsxContent:"Unterminated JSX contents." ,UnwrappedAdjacentJSXElements:"Adjacent JSX
 elements must be wrapped in an enclosing tag. Did you want a JSX fragment <>...</>?" } ,y.SyntaxError);function
 re(e){return!!e&&("JSXOpeningFragment"===e.type||"JSXClosingFragment"===e.type)}function
 ne(e){if("JSXIdentifier"===e.type)return e.name;if("JSXNamespacedName"===e.type)return
 e.namespace.name+"."+e.name.name;if("JSXMemberExpression"===e.type)return
 ne(e.object)+"."+ne(e.property);throw new Error("Node had unexpected type: "+e.type)}x.j_oTag=new
 S("<tag" ,!1) ,x.j_cTag=new S("</tag" ,!1) ,x.j_expr=new S("<tag>...</tag>" ,!0 ,!0) ,o.jsxName=new
 n("jsxName") ,o.jsxText=new n("jsxText" , {beforeExpr:!0}) ,o.jsxTagStart=new
 n("jsxTagStart" , {startsExpr:!0}) ,o.jsxTagEnd=new
 n("jsxTagEnd") ,o.jsxTagStart.updateContext=function(){this.state.context.push(x.j_expr) ,this.state.context.push(x.j
 _oTag) ,this.state.exprAllowed=!1} ,o.jsxTagEnd.updateContext=function(e){const
 t=this.state.context.pop();t===x.j_oTag&&e===o.slash||t===x.j_cTag?(this.state.context.pop() ,this.state.exprAllow
 ed=this.curContext()===x.j_expr):this.state.exprAllowed=!0};class ie extends
 K{constructor(...e){super(...e) ,this.types=[],this.enums=[],this.constEnums=[],this.classes=[],this.exportOnlyBindin
 gs=[]}class se extends q{createScope(e){return new ie(e)}declareName(e,t,r){const
 n=this.currentScope();if(1024&t)return this.maybeExportDefined(n,e) ,void
 n.exportOnlyBindings.push(e);super.declareName(...arguments) ,2&t&&(1&t||this.checkRedeclarationInScope(n,e,t
 ,r) ,this.maybeExportDefined(n,e) ,n.types.push(e) ,256&t&&n.enums.push(e) ,512&t&&n.constEnums.push(e) ,128
 &t&&n.classes.push(e)}isRedeclaredInScope(e,t,r){if(e.enums.indexOf(t)>-
 1){if(256&r){return!!(512&r)!==e.constEnums.indexOf(t)>-1}return!0}return 128&r&&e.classes.indexOf(t)>-
 1?e.lexical.indexOf(t)>-1&&!(1&r):!!(2&r&&e.types.indexOf(t)>-
 1)||super.isRedeclaredInScope(...arguments)}checkLocalExport(e){-
 1===this.scopeStack[0].types.indexOf(e.name)&&-
 1===this.scopeStack[0].exportOnlyBindings.indexOf(e.name)&&super.checkLocalExport(e)}class
 ae{constructor(){this.stacks=[]}enter(e){this.stacks.push(e)}exit(){this.stacks.pop()}currentFlags(){return
 this.stacks[this.stacks.length-1].get hasAwait(){return(2&this.currentFlags())>0}get
 hasYield(){return(1&this.currentFlags())>0}get hasReturn(){return(4&this.currentFlags())>0}get
 hasIn(){return(8&this.currentFlags())>0}}function oe(e,t){return(e?2:0)|(t?1:0)}function le(e){if(null===e)throw new
 Error("Unexpected \${e} value.");return e}function ce(e){if(!e)throw new Error("Assert fail")}const
 pe=g({ AbstractMethodHasImplementation:"Method '%0' cannot have an implementation because it is marked
 abstract." ,AccesorCannotDeclareThisParameter:"'\get' and '\set' accessors cannot declare '\this'
 parameters." ,AccesorCannotHaveTypeParameters:"An accessor cannot have type
 parameters." ,ClassMethodHasDeclare:"Class methods cannot have the '\declare'

modifier.",ClassMethodHasReadOnly:"Class methods cannot have the \readonly\'
modifier.",ConstructorHasTypeParameters:"Type parameters cannot appear on a constructor
declaration.",DeclareAccessor:"\declare\ is not allowed in %0ters.",DeclareClassFieldHasInitializer:"Initializers are
not allowed in ambient contexts.",DeclareFunctionHasImplementation:"An implementation cannot be declared in
ambient contexts.",DuplicateAccessibilityModifier:"Accessibility modifier already
seen.",DuplicateModifier:"Duplicate modifier: \'%0\'.",EmptyHeritageClauseType:"\'%0\ list cannot be
empty.",EmptyTypeArguments:"Type argument list cannot be empty.",EmptyTypeParameters:"Type parameter list
cannot be empty.",ExpectedAmbientAfterExportDeclare:"\export declare\ must be followed by an ambient
declaration.",ImportAliasHasImportType:"An import alias can not use \import
type\'.",IncompatibleModifiers:"\'%0\ modifier cannot be used with \'%1\
modifier.",IndexSignatureHasAbstract:"Index signatures cannot have the \abstract\
modifier.",IndexSignatureHasAccessibility:"Index signatures cannot have an accessibility modifier
(\'%0\').",IndexSignatureHasDeclare:"Index signatures cannot have the \declare\
modifier.",IndexSignatureHasOverride:"\override\ modifier cannot appear on an index
signature.",IndexSignatureHasStatic:"Index signatures cannot have the \static\
modifier.",InvalidModifierOnTypeMember:"\'%0\ modifier cannot appear on a type
member.",InvalidModifiersOrder:"\'%0\ modifier must precede \'%1\ modifier.",InvalidTupleMemberLabel:"Tuple
members must be labeled with a simple identifier.",MixedLabeledAndUnlabeledElements:"Tuple members must all
have names or all not have names.",NonAbstractClassHasAbstractMethod:"Abstract methods can only appear
within an abstract class.",NonClassMethodPropertyHasAbstractModifier:"\abstract\ modifier can only appear on a
class, method, or property declaration.",OptionalTypeBeforeRequired:"A required element cannot follow an
optional element.",OverrideNotInSubClass:"This member cannot have an \override\ modifier because its containing
class does not extend another class.",PatternIsOptional:"A binding pattern parameter cannot be optional in an
implementation signature.",PrivateElementHasAbstract:"Private elements cannot have the \abstract\
modifier.",PrivateElementHasAccessibility:"Private elements cannot have an accessibility modifier
(\'%0\').",ReadOnlyForMethodSignature:"\readonly\ modifier can only appear on a property declaration or index
signature.",SetAccesorCannotHaveOptionalParameter:"A \set\ accessor cannot have an optional
parameter.",SetAccesorCannotHaveRestParameter:"A \set\ accessor cannot have rest
parameter.",SetAccesorCannotHaveReturnType:"A \set\ accessor cannot have a return type
annotation.",StaticBlockCannotHaveModifier:"Static class blocks cannot have any
modifier.",TypeAnnotationAfterAssign:"Type annotations must come before default assignments, e.g. instead of
`age = 25: number` use `age: number = 25`.",TypeImportCannotSpecifyDefaultAndNamed:"A type-only import can
specify a default import or named bindings, but not both.",UnexpectedParameterModifier:"A parameter property is
only allowed in a constructor implementation.",UnexpectedReadOnly:"\readonly\ type modifier is only permitted on
array and tuple literal types.",UnexpectedTypeAnnotation:"Did not expect a type annotation
here.",UnexpectedTypeCastInParameter:"Unexpected type cast in parameter
position.",UnsupportedImportTypeArgument:"Argument in a type import must be a string
literal.",UnsupportedParameterPropertyKind:"A parameter property may not be declared using a binding
pattern.",UnsupportedSignatureParameterKind:"Name in a signature must be an Identifier, ObjectPattern or
ArrayPattern, instead got %0.",y.SyntaxError);function
ue(e){return"private"===e||"public"===e||"protected"===e}o.placeholder=new n("%%",{startsExpr:!0});const
de=g({ClassNameIsRequired:"A class name is required."},y.SyntaxError);function he(e,t){return
e.some(e=>Array.isArray(e)?e[0]===t:e===t)}function fe(e,t,r){const
n=e.find(e=>Array.isArray(e)?e[0]===t:e===t);return n&&Array.isArray(n)?n[1][r]:null}const
me=["minimal","smart","fsharp"],ye=["hash","bar"];const Te={estree:e=>class extends
e{estreeParseRegExpLiteral({pattern:e,flags:t}){let r=null;try{r=new RegExp(e,t)}catch(e){}const
n=this.estreeParseLiteral(r);return n.regex={pattern:e,flags:t},n}estreeParseBigIntLiteral(e){let
t;try{t=BigInt(e)}catch(e){t=null}const r=this.estreeParseLiteral(t);return


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r.bigint=String(r.value||e),r}estreeParseDecimalLiteral(e){const t=this.estreeParseLiteral(null);return
t.decimal=String(t.value||e),t}estreeParseLiteral(e){return this.parseLiteral(e,"Literal")}directiveToStmnt(e){const
t=e.value,r=this.startNodeAt(e.start,e.loc.start),n=this.startNodeAt(t.start,t.loc.start);return
n.value=t.extra.expressionValue,n.raw=t.extra.raw,r.expression=this.finishNodeAt(n,"Literal",t.end,t.loc.end),direc
tive=t.extra.raw.slice(1,-
1),this.finishNodeAt(r,"ExpressionStatement",e.end,e.loc.end)}initFunction(e,t){super.initFunction(e,t),e.expression
=!1}checkDeclaration(e){null!=e&&this.isObjectProperty(e)?this.checkDeclaration(e.value):super.checkDeclaratio
n(e)}getObjectOrClassMethodParams(e){return e.value.params}isValidDirective(e){var
t;return"ExpressionStatement"===e.type&&"Literal"===e.expression.type&&"string"===typeof
e.expression.value&&!(null!=(t=e.expression.extra)&&t.parenthesized)}stmtToDirective(e){const
t=super.stmtToDirective(e),r=e.expression.value;return
this.addExtra(t.value,"expressionValue",r,t)}parseBlockBody(e,...t){super.parseBlockBody(e,...t);const
r=e.directives.map(e=>this.directiveToStmnt(e));e.body=r.concat(e.body),delete
e.directives}pushClassMethod(e,t,r,n,i,s){this.parseMethod(t,r,n,i,s,"ClassMethod",!0),t.typeParameters&&(t.value.t
ypeParameters=t.typeParameters,delete
t.typeParameters),e.body.push(t)}parseExprAtom(e){switch(this.state.type){case o.num:case o.string:return
this.estreeParseLiteral(this.state.value);case o.regexp:return this.estreeParseRegExpLiteral(this.state.value);case
o.bigint:return this.estreeParseBigIntLiteral(this.state.value);case o.decimal:return
this.estreeParseDecimalLiteral(this.state.value);case o._null:return this.estreeParseLiteral(null);case o._true:return
this.estreeParseLiteral(!0);case o._false:return this.estreeParseLiteral(!1);default:return
super.parseExprAtom(e)} } parseMaybePrivateName(...e){const
t=super.parseMaybePrivateName(...e);return"PrivateName"===t.type&&this.getPluginOption("estree","classFeatur
es")?this.convertPrivateNameToPrivateIdentifier(t):t}convertPrivateNameToPrivateIdentifier(e){const
t=super.getPrivateNameSV(e);return delete(e=e).id,e.name=t,e.type="PrivateIdentifier",e}isPrivateName(e){return
this.getPluginOption("estree","classFeatures")?"PrivateIdentifier"===e.type:super.isPrivateName(e)}getPrivateNam
eSV(e){return
this.getPluginOption("estree","classFeatures")?e.name:super.getPrivateNameSV(e)}parseLiteral(e,t,r,n){const
i=super.parseLiteral(e,t,r,n);return i.raw=i.extra.raw,delete
i.extra,i}parseFunctionBody(e,t,r=!1){super.parseFunctionBody(e,t,r),e.expression="BlockStatement"!==e.body.typ
e}parseMethod(e,t,r,n,i,s,a=!1){let o=this.startNode();return
o.kind=e.kind,o=super.parseMethod(o,t,r,n,i,s,a),o.type="FunctionExpression",delete
o.kind,e.value=o,"ClassPrivateMethod"===s&&(e.computed=!1),s="MethodDefinition",this.finishNode(e,s)}parse
ClassProperty(...e){const t=super.parseClassProperty(...e);return
this.getPluginOption("estree","classFeatures")&&(t.type="PropertyDefinition"),t}parseClassPrivateProperty(...e){co
nst t=super.parseClassPrivateProperty(...e);return
this.getPluginOption("estree","classFeatures")&&(t.type="PropertyDefinition",t.computed=!1),t}parseObjectMetho
d(e,t,r,n,i){const s=super.parseObjectMethod(e,t,r,n,i);return
s&&(s.type="Property","method"===s.kind&&(s.kind="init"),s.shorthand=!1),s}parseObjectProperty(e,t,r,n,i){cons
t s=super.parseObjectProperty(e,t,r,n,i);return s&&(s.kind="init",s.type="Property"),s}toAssignable(e,t=!1){return
null!=e&&this.isObjectProperty(e)?(this.toAssignable(e.value,t),e):super.toAssignable(e,t)}toAssignableObjectExpr
essionProp(e,...t){ "get"===e.kind||"set"===e.kind?this.raise(e.key.start,T.PatternHasAccessor):e.method?this.raise(e
.key.start,T.PatternHasMethod):super.toAssignableObjectExpressionProp(e,...t)}finishCallExpression(e,t){if(super.f
inishCallExpression(e,t),"Import"===e.callee.type){ var
r;if(e.type="ImportExpression",e.source=e.arguments[0],this.hasPlugin("importAssertions"))e.attributes=null!=(r=e.
arguments[1])?r:null;delete e.arguments,delete e.callee}return
e}toReferencedArguments(e){ "ImportExpression"!==e.type&&super.toReferencedArguments(e)}parseExport(e){s
witch(super.parseExport(e),e.type){case"ExportAllDeclaration":e.exported=null;break;case"ExportNamedDeclarati
on":1===e.specifiers.length&&"ExportNamespaceSpecifier"===e.specifiers[0].type&&(e.type="ExportAllDeclarati

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on",e.exported=e.specifiers[0].exported,delete e.specifiers}}return e}parseSubscript(e,t,r,n,i){const
s=super.parseSubscript(e,t,r,n,i);if(i.optionalChainMember){if("OptionalMemberExpression"!==s.type&&"Optional
CallExpression"!==s.type||(s.type=s.type.substring(8)),i.stop){const e=this.startNodeAtNode(s);return
e.expression=s,this.finishNode(e,"ChainExpression")}}else"MemberExpression"!==s.type&&"CallExpression"!==s
.type||(s.optional=!1);return
s}hasPropertyAsPrivateName(e){return"ChainExpression"===e.type&&(e=e.expression),super.hasPropertyAsPriva
teName(e)}isOptionalChain(e){return"ChainExpression"===e.type}isObjectProperty(e){return"Property"===e.type
&&"init"===e.kind&&!e.method}isObjectMethod(e){return
e.method||"get"===e.kind||"set"===e.kind}},jsx:e=>class extends e{jsxReadToken(){let
e="",t=this.state.pos;for(;;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,te.UnterminatedJsxCContent);const r=this.input.charCodeAtAt(this.state.pos);switch(r){case
60:case 123:return
this.state.pos===this.state.start?60===r&&this.state.exprAllowed?(++this.state.pos,this.finishToken(o.jsxTagStart))
:super.getTokenFromCode(r):(e+=this.input.slice(t,this.state.pos),this.finishToken(o.jsxText,e));case
38:e+=this.input.slice(t,this.state.pos),e+=this.jsxReadEntity(),t=this.state.pos;break;case 62:case
125:default:p(r)?(e+=this.input.slice(t,this.state.pos),e+=this.jsxReadNewLine(!0),t=this.state.pos):++this.state.pos}
}}jsxReadNewLine(e){const t=this.input.charCodeAtAt(this.state.pos);let
r;return++this.state.pos,13===t&&10===this.input.charCodeAtAt(this.state.pos)?(++this.state.pos,r=e?"\n":"\r\n"):r
=String.fromCharCode(t),++this.state.curLine,this.state.lineStart=this.state.pos,r}jsxReadString(e){let
t="",r=++this.state.pos;for(;;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,T.UnterminatedString);const
n=this.input.charCodeAtAt(this.state.pos);if(n===e)break;38===n?(t+=this.input.slice(r,this.state.pos),t+=this.jsxRead
Entity(),r=this.state.pos):p(n)?(t+=this.input.slice(r,this.state.pos),t+=this.jsxReadNewLine(!1),r=this.state.pos):++th
is.state.pos}return t+=this.input.slice(r,this.state.pos++),this.finishToken(o.string,t)}jsxReadEntity(){let
e,t="",r=0,n=this.input[this.state.pos];const
i=++this.state.pos;for(;this.state.pos<this.length&&r++<10;){if(n=this.input[this.state.pos++],","===n){">#"===t[0]?
"x"===t[1]?(t=t.substr(2),Z.test(t)&&(e=String.fromCharCode(parseInt(t,16)))):(t=t.substr(1),ee.test(t)&&(e=String
.fromCharCode(parseInt(t,10)))):e=Q[t];break}t+=n}return e||(this.state.pos=i,"&")}jsxReadWord(){let e;const
t=this.state.pos;do{e=this.input.charCodeAtAt(++this.state.pos)}while(N(e)||45===e);return
this.finishToken(o.jsxName,this.input.slice(t,this.state.pos))}jsxParseIdentifier(){const e=this.startNode();return
this.match(o.jsxName)?e.name=this.state.value:this.state.type.keyword?e.name=this.state.type.keyword:this.unexpe
cted(),this.next(),this.finishNode(e,"JSXIdentifier")}jsxParseNamespacedName(){const
e=this.state.start,t=this.state.startLoc,r=this.jsxParseIdentifier();if(!this.eat(o.colon))return r;const
n=this.startNodeAt(e,t);return
n.namespace=r,n.name=this.jsxParseIdentifier(),this.finishNode(n,"JSXNamespacedName")}jsxParseElementName
(){const e=this.state.start,t=this.state.startLoc;let
r=this.jsxParseNamespacedName();if("JSXNamespacedName"===r.type)return r;for(;this.eat(o.dot);){const
n=this.startNodeAt(e,t);n.object=r,n.property=this.jsxParseIdentifier(),r=this.finishNode(n,"JSXMemberExpression"
)}return r}jsxParseAttributeValue(){let e;switch(this.state.type){case o.braceL:return
e=this.startNode(),this.next(),e=this.jsxParseExpressionContainer(e),"JSXEmptyExpression"===e.expression.type&
&this.raise(e.start,te.AttributeIsEmpty),e;case o.jsxTagStart:case o.string:return this.parseExprAtom();default:throw
this.raise(this.state.start,te.UnsupportedJsxValue)}}jsxParseEmptyExpression(){const
e=this.startNodeAt(this.state.lastTokEnd,this.state.lastTokEndLoc);return
this.finishNodeAt(e,"JSXEmptyExpression",this.state.start,this.state.startLoc)}jsxParseSpreadChild(e){return
this.next(),e.expression=this.parseExpression(),this.expect(o.braceR),this.finishNode(e,"JSXSpreadChild")}jsxParse
ExpressionContainer(e){if(this.match(o.braceR))e.expression=this.jsxParseEmptyExpression();else{const
t=this.parseExpression();e.expression=t}return
this.expect(o.braceR),this.finishNode(e,"JSXExpressionContainer")}jsxParseAttribute(){const

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e=this.startNode();return
this.eat(o.braceL)?(this.expect(o.ellipsis),e.argument=this.parseMaybeAssignAllowIn(),this.expect(o.braceR),this.finishNode(e,"JSXSpreadAttribute")):(e.name=this.jsxParseNamespacedName(),e.value=this.eat(o.eq)?this.jsxParseAttributeValue():null,this.finishNode(e,"JSXAttribute"))}jsxParseOpeningElementAt(e,t){const
r=this.startNodeAt(e,t);return
this.match(o.jsxTagEnd)?(this.expect(o.jsxTagEnd),this.finishNode(r,"JSXOpeningFragment")):(r.name=this.jsxParseElementName(),this.jsxParseOpeningElementAfterName(r))}jsxParseOpeningElementAfterName(e){const
t=[];for(;!this.match(o.slash)&&!this.match(o.jsxTagEnd);)t.push(this.jsxParseAttribute());return
e.attributes=t,e.selfClosing=this.eat(o.slash),this.expect(o.jsxTagEnd),this.finishNode(e,"JSXOpeningElement")}jsxParseClosingElementAt(e,t){const r=this.startNodeAt(e,t);return
this.match(o.jsxTagEnd)?(this.expect(o.jsxTagEnd),this.finishNode(r,"JSXClosingFragment")):(r.name=this.jsxParseElementName(),this.expect(o.jsxTagEnd),this.finishNode(r,"JSXClosingElement"))}jsxParseElementAt(e,t){const
r=this.startNodeAt(e,t),n=[],i=this.jsxParseOpeningElementAt(e,t);let
s=null;if(!i.selfClosing){e:for(;;)switch(this.state.type){case
o.jsxTagStart:if(e=this.state.start,t=this.state.startLoc,this.next(),this.eat(o.slash)){s=this.jsxParseClosingElementAt(e,t);break e}n.push(this.jsxParseElementAt(e,t));break;case o.jsxText:n.push(this.parseExprAtom());break;case
o.braceL:{const
e=this.startNode();this.next(),this.match(o.ellipsis)?n.push(this.jsxParseSpreadChild(e)):n.push(this.jsxParseExpressionContainer(e));break}default:throw
this.unexpected()}re(i)&&!re(s)?this.raise(s.start,te.MissingClosingTagFragment):!re(i)&&re(s)?this.raise(s.start,te.MissingClosingTagElement,ne(i.name)):re(i)||re(s)||ne(s.name)!==ne(i.name)&&this.raise(s.start,te.MissingClosingTagElement,ne(i.name))}if(re(i)?(r.openingFragment=i,r.closingFragment=s):(r.openingElement=i,r.closingElement=s),r.children=n,this.isRelational("<"))throw this.raise(this.state.start,te.UnwrappedAdjacentJSXElements);return
re(i)?this.finishNode(r,"JSXFragment"):this.finishNode(r,"JSXElement")}jsxParseElement(){const
e=this.state.start,t=this.state.startLoc;return this.next(),this.jsxParseElementAt(e,t)}parseExprAtom(e){return
this.match(o.jsxText)?this.parseLiteral(this.state.value,"JSXText"):this.match(o.jsxTagStart)?this.jsxParseElement():this.isRelational("<")&&33!==(this.input.charCodeAtAt(this.state.pos)?(this.finishToken(o.jsxTagStart),this.jsxParseElement()):super.parseExprAtom(e))}getTokenFromCode(e){if(this.state.inPropertyName)return
super.getTokenFromCode(e);const t=this.curContext();if(t===x.j_expr)return
this.jsxReadToken();if(t===x.j_oTag||t===x.j_cTag){if(C(e))return
this.jsxReadWord();if(62===e)return++this.state.pos,this.finishToken(o.jsxTagEnd);if((34===e||39===e)&&t===x.j_oTag)return this.jsxReadString(e)}return
60===e&&this.state.exprAllowed&&33!==(this.input.charCodeAtAt(this.state.pos+1)?(++this.state.pos,this.finishToken(o.jsxTagStart)):super.getTokenFromCode(e))}updateContext(e){if(this.match(o.braceL)){const
t=this.curContext();t===x.j_oTag?this.state.context.push(x.braceExpression):t===x.j_expr?this.state.context.push(x.templateQuasi):super.updateContext(e),this.state.exprAllowed=!0}else{if(!this.match(o.slash)||e!==o.jsxTagStart)return
super.updateContext(e);this.state.context.length-
=2,this.state.context.push(x.j_cTag),this.state.exprAllowed=!1}}},flow:e=>class extends
e{constructor(...e){super(...e),this.flowPragma=void 0}getScopeHandler(){return W}shouldParseTypes(){return
this.getPluginOption("flow","all")||"flow"===this.flowPragma}shouldParseEnums(){return!!this.getPluginOption("flow","enums")}finishToken(e,t){return e!==o.string&&e!==o.semi&&e!==o.interpreterDirective&&void
0===this.flowPragma&&(this.flowPragma=null),super.finishToken(e,t)}addComment(e){if(void
0===this.flowPragma){const
t=$.exec(e.value);if(t)if("flow"===t[1])this.flowPragma="flow";else{if("noflow"!==t[1])throw new
Error("Unexpected flow pragma");this.flowPragma="noflow"}else;}return
super.addComment(e)}flowParseTypeInitialiser(e){const
t=this.state.inType;this.state.inType=!0,this.expect(e||o.colon);const r=this.flowParseType();return
this.state.inType=t,r}flowParsePredicate(){const e=this.startNode(),t=this.state.start;return

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this.next(),this.expectContextual("checks"),this.state.lastTokStart>t+1&&this.raise(t,J.UnexpectedSpaceBetweenMo
duloChecks),this.eat(o.parenL)?(e.value=this.parseExpression(),this.expect(o.parenR),this.finishNode(e,"DeclaredPr
edicate")):this.finishNode(e,"InferredPredicate")}flowParseTypeAndPredicateInitialiser(){const
e=this.state.inType;this.state.inType=!0,this.expect(o.colon);let t=null,r=null;return
this.match(o.modulo)?(this.state.inType=e,r=this.flowParsePredicate()):t=this.flowParseType(),this.state.inType=e,
this.match(o.modulo)&&(r=this.flowParsePredicate()),[t,r]}flowParseDeclareClass(e){return
this.next(),this.flowParseInterfaceish(e,!0),this.finishNode(e,"DeclareClass")}flowParseDeclareFunction(e){this.nex
t();const
t=e.id=this.parseIdentifier(),r=this.startNode(),n=this.startNode();this.isRelational("<")?r.typeParameters=this.flowP
arseTypeParameterDeclaration():r.typeParameters=null,this.expect(o.parenL);const
i=this.flowParseFunctionTypeParams();return
r.params=i.params,r.rest=i.rest,r.this=i._this,this.expect(o.parenR),[r.returnType,e.predicate]=this.flowParseTypeAn
dPredicateInitialiser(),n.typeAnnotation=this.finishNode(r,"FunctionTypeAnnotation"),t.typeAnnotation=this.finish
Node(n,"TypeAnnotation"),this.resetEndLocation(t),this.semicolon(),this.scope.declareName(e.id.name,2048,e.id.st
art),this.finishNode(e,"DeclareFunction")}flowParseDeclare(e,t){if(this.match(o._class))return
this.flowParseDeclareClass(e);if(this.match(o._function))return
this.flowParseDeclareFunction(e);if(this.match(o._var))return
this.flowParseDeclareVariable(e);if(this.eatContextual("module"))return
this.match(o.dot)?this.flowParseDeclareModuleExports(e):(t&&this.raise(this.state.lastTokStart,J.NestedDeclareMo
dule),this.flowParseDeclareModule(e));if(this.isContextual("type"))return
this.flowParseDeclareTypeAlias(e);if(this.isContextual("opaque"))return
this.flowParseDeclareOpaqueType(e);if(this.isContextual("interface"))return
this.flowParseDeclareInterface(e);if(this.match(o._export))return this.flowParseDeclareExportDeclaration(e,t);throw
this.unexpected()}flowParseDeclareVariable(e){return
this.next(),e.id=this.flowParseTypeAnnotatableIdentifier(!0),this.scope.declareName(e.id.name,5,e.id.start),this.sem
icolon(),this.finishNode(e,"DeclareVariable")}flowParseDeclareModule(e){this.scope.enter(0),this.match(o.string)?
e.id=this.parseExprAtom():e.id=this.parseIdentifier();const
t=e.body=this.startNode(),r=t.body=[];for(this.expect(o.braceL);!this.match(o.braceR);){let
e=this.startNode();this.match(o._import)?(this.next(),this.isContextual("type")||this.match(o._typeof)||this.raise(this.s
tate.lastTokStart,J.InvalidNonTypeImportInDeclareModule),this.parseImport(e)):(this.expectContextual("declare",J.
UnsupportedStatementInDeclareModule),e=this.flowParseDeclare(e,!0)),r.push(e)}this.scope.exit(),this.expect(o.bra
ceR),this.finishNode(t,"BlockStatement");let n=null,i=!1;return
r.forEach(e=>{!function(e){return"DeclareExportAllDeclaration"===e.type||"DeclareExportDeclaration"===e.type
&&(!e.declaration||"TypeAlias"!==e.declaration.type&&"InterfaceDeclaration"!==e.declaration.type)}(e)?"Declare
ModuleExports"===e.type&&(i&&this.raise(e.start,J.DuplicateDeclareModuleExports),"ES"===n&&this.raise(e.st
art,J.AmbiguousDeclareModuleKind),n="CommonJS",i=!0):("CommonJS"===n&&this.raise(e.start,J.AmbiguousD
eclareModuleKind),n="ES")},e.kind=n||"CommonJS",this.finishNode(e,"DeclareModule")}flowParseDeclareExpor
tDeclaration(e,t){if(this.expect(o._export),this.eat(o._default))return
this.match(o._function)||this.match(o._class)?e.declaration=this.flowParseDeclare(this.startNode()):e.declaration=th
is.flowParseType(),this.semicolon(),e.default=!0,this.finishNode(e,"DeclareExportDeclaration");if(this.match(o._co
nst)||this.isLet()||(this.isContextual("type")||this.isContextual("interface"))&&!t){const
e=this.state.value,t=z[e];throw
this.raise(this.state.start,J.UnsupportedDeclareExportKind,e,t)}if(this.match(o._var)||this.match(o._function)||this.ma
tch(o._class)||this.isContextual("opaque"))return
e.declaration=this.flowParseDeclare(this.startNode()),e.default=!1,this.finishNode(e,"DeclareExportDeclaration");if
(this.match(o.star)||this.match(o.braceL)||this.isContextual("interface")||this.isContextual("type")||this.isContextual("
opaque"))return"ExportNamedDeclaration"===e&&(e=this.parseExport(e)).type&&(e.type="ExportDeclaration",e.defau
lt=!1,delete e.exportKind),e.type="Declare"+e.type,e;throw

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this.unexpected()}flowParseDeclareModuleExports(e){return
this.next(),this.expectContextual("exports"),e.typeAnnotation=this.flowParseTypeAnnotation(),this.semicolon(),this.
finishNode(e,"DeclareModuleExports")}flowParseDeclareTypeAlias(e){return
this.next(),this.flowParseTypeAlias(e),e.type="DeclareTypeAlias",e}flowParseDeclareOpaqueType(e){return
this.next(),this.flowParseOpaqueType(e,!0),e.type="DeclareOpaqueType",e}flowParseDeclareInterface(e){return
this.next(),this.flowParseInterfaceish(e),this.finishNode(e,"DeclareInterface")}flowParseInterfaceish(e,t=!1){if(e.id=
this.flowParseRestrictedIdentifier(!t,!0),this.scope.declareName(e.id.name,t?17:9,e.id.start),this.isRelational("<")?e.t
ypeParameters=this.flowParseTypeParameterDeclaration():e.typeParameters=null,e.extends=[],e.implements=[],e.m
ixins=[],this.eat(o._extends))do{e.extends.push(this.flowParseInterfaceExtends())}while(!t&&this.eat(o.comma));if(
this.isContextual("mixins")){this.next();do{e.mixins.push(this.flowParseInterfaceExtends())}while(this.eat(o.comm
a))}if(this.isContextual("implements")){this.next();do{e.implements.push(this.flowParseInterfaceExtends())}while(t
his.eat(o.comma))}e.body=this.flowParseObjectType({allowStatic:t,allowExact:!1,allowSpread:!1,allowProto:t,allo
wInexact:!1})}flowParseInterfaceExtends(){const e=this.startNode();return
e.id=this.flowParseQualifiedTypeIdentifier(),this.isRelational("<")?e.typeParameters=this.flowParseTypeParameterI
nstantiation():e.typeParameters=null,this.finishNode(e,"InterfaceExtends")}flowParseInterface(e){return
this.flowParseInterfaceish(e),this.finishNode(e,"InterfaceDeclaration")}checkNotUnderscore(e){_"===e&&this.rai
se(this.state.start,J.UnexpectedReservedUnderscore)}checkReservedType(e,t,r){X.has(e)&&this.raise(t,r?J.AssignR
eservedType:J.UnexpectedReservedType,e)}flowParseRestrictedIdentifier(e,t){return
this.checkReservedType(this.state.value,this.state.start,t),this.parseIdentifier(e)}flowParseTypeAlias(e){return
e.id=this.flowParseRestrictedIdentifier(!1,!0),this.scope.declareName(e.id.name,9,e.id.start),this.isRelational("<")?e.
typeParameters=this.flowParseTypeParameterDeclaration():e.typeParameters=null,e.right=this.flowParseTypeInitial
iser(o.eq),this.semicolon(),this.finishNode(e,"TypeAlias")}flowParseOpaqueType(e,t){return
this.expectContextual("type"),e.id=this.flowParseRestrictedIdentifier(!0,!0),this.scope.declareName(e.id.name,9,e.id
.start),this.isRelational("<")?e.typeParameters=this.flowParseTypeParameterDeclaration():e.typeParameters=null,e.s
upertype=null,this.match(o.colon)&&(e.supertype=this.flowParseTypeInitialiser(o.colon)),e.impltype=null,t|(e.impl
type=this.flowParseTypeInitialiser(o.eq)),this.semicolon(),this.finishNode(e,"OpaqueType")}flowParseTypeParam
eter(e=!1){const
t=this.state.start,r=this.startNode(),n=this.flowParseVariance(),i=this.flowParseTypeAnnotatableIdentifier();return
r.name=i.name,r.variance=n,r.bound=i.typeAnnotation,this.match(o.eq)?(this.eat(o.eq),r.default=this.flowParseType
()):e&&this.raise(t,J.MissingTypeParamDefault),this.finishNode(r,"TypeParameter")}flowParseTypeParameterDecl
ARATION(){const
e=this.state.inType,t=this.startNode();t.params=[],this.state.inType=!0,this.isRelational("<")||this.match(o.jsxTagSta
rt)?this.next():this.unexpected();let r=!1;do{const
e=this.flowParseTypeParameter(r);t.params.push(e),e.default&&(r=!0),this.isRelational(">")||this.expect(o.comma)}
while(!this.isRelational(">"));return
this.expectRelational(">"),this.state.inType=e,this.finishNode(t,"TypeParameterDeclaration")}flowParseTypeParam
eterInstantiation(){const
e=this.startNode(),t=this.state.inType;e.params=[],this.state.inType=!0,this.expectRelational("<");const
r=this.state.noAnonFunctionType;for(this.state.noAnonFunctionType=!1;!this.isRelational(">");)e.params.push(this.
flowParseType()),this.isRelational(">")||this.expect(o.comma);return
this.state.noAnonFunctionType=r,this.expectRelational(">"),this.state.inType=t,this.finishNode(e,"TypeParameterIn
stantiation")}flowParseTypeParameterInstantiationCallOrNew(){const
e=this.startNode(),t=this.state.inType;for(e.params=[],this.state.inType=!0,this.expectRelational("<");!this.isRelatio
nal(">");)e.params.push(this.flowParseTypeOrImplicitInstantiation()),this.isRelational(">")||this.expect(o.comma);re
turn
this.expectRelational(">"),this.state.inType=t,this.finishNode(e,"TypeParameterInstantiation")}flowParseInterfac
eType(){const
e=this.startNode();if(this.expectContextual("interface"),e.extends=[],this.eat(o._extends))do{e.extends.push(this.flo

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wParseInterfaceExtends() } while(this.eat(o.comma));return
e.body=this.flowParseObjectType({ allowStatic:!1,allowExact:!1,allowSpread:!1,allowProto:!1,allowInexact:!1 }),this
s.finishNode(e,"InterfaceTypeAnnotation")}flowParseObjectPropertyKey(){return
this.match(o.num)||this.match(o.string)?this.parseExprAtom():this.parseIdentifier(!0)}flowParseObjectTypeIndexer(
e,t,r){return
e.static=t,this.lookahead().type===o.colon?(e.id=this.flowParseObjectPropertyKey(),e.key=this.flowParseTypeInitia
liser()):e.id=null,e.key=this.flowParseType(),this.expect(o.bracketR),e.value=this.flowParseTypeInitialiser(),e.vari
ance=r,this.finishNode(e,"ObjectTypeIndexer")}flowParseObjectTypeInternalSlot(e,t){return
e.static=t,e.id=this.flowParseObjectPropertyKey(),this.expect(o.bracketR),this.expect(o.bracketR),this.isRelational("<")||this.match(o.parenL)?(e.method=!0,e.optional=!1,e.value=this.flowParseObjectTypeMethodish(this.startNodeAt(e.start,e.loc.start))):(e.method=!1,this.eat(o.question)&&(e.optional=!0),e.value=this.flowParseTypeInitialiser()),this.finishNode(e,"ObjectTypeInternalSlot")}flowParseObjectTypeMethodish(e){for(e.params=[],e.rest=null,e.typeParameters=null,e.this=null,this.isRelational("<")&&(e.typeParameters=this.flowParseTypeParameterDeclaration()),this.expect(o.parenL),this.match(o._this)&&(e.this=this.flowParseFunctionTypeParam(!0),e.this.name=null,this.match(o.parenR)||this.expect(o.comma));!this.match(o.parenR)&&!this.match(o.ellipsis);e.params.push(this.flowParseFunctionTypeParam(!1)),this.match(o.parenR)||this.expect(o.comma);return
this.eat(o.ellipsis)&&(e.rest=this.flowParseFunctionTypeParam(!1)),this.expect(o.parenR),e.returnType=this.flowParseTypeInitialiser(),this.finishNode(e,"FunctionTypeAnnotation")}flowParseObjectTypeCallProperty(e,t){const r=this.startNode();return
e.static=t,e.value=this.flowParseObjectTypeMethodish(r),this.finishNode(e,"ObjectTypeCallProperty")}flowParseObjectbjeType({ allowStatic:e,allowExact:t,allowSpread:r,allowProto:n,allowInexact:i }) {const
s=this.state.inType;this.state.inType=!0;const a=this.startNode();let
l,c;a.callProperties=[],a.properties=[],a.indexers=[],a.internalSlots=[];let
p=!1;for(t&&this.match(o.braceBarL)?(this.expect(o.braceBarL),l=o.braceBarR,c=!0):(this.expect(o.braceL),l=o.braceR,c=!1),a.exact=c;!this.match(l);){let t=!1,s=null,l=null;const
u=this.startNode();if(n&&this.isContextual("proto")){const
t=this.lookahead();t.type!==o.colon&&t.type!==o.question&&(this.next(),s=this.state.start,e=!1)}if(e&&this.isContextual("static")){const e=this.lookahead();e.type!==o.colon&&e.type!==o.question&&(this.next(),t=!0)}const
d=this.flowParseVariance();if(this.eat(o.bracketL))null!=s&&this.unexpected(s),this.eat(o.bracketL)?(d&&this.unexpected(d.start),a.internalSlots.push(this.flowParseObjectTypeInternalSlot(u,t)):a.indexers.push(this.flowParseObjectTypeIndexer(u,t,d));else
if(this.match(o.parenL)||this.isRelational("<"))null!=s&&this.unexpected(s),d&&this.unexpected(d.start),a.callProperties.push(this.flowParseObjectTypeCallProperty(u,t));else{let
e="init";if(this.isContextual("get")||this.isContextual("set")){const
t=this.lookahead();t.type!==o.name&&t.type!==o.string&&t.type!==o.num||(e=this.state.value,this.next())}const
n=this.flowParseObjectTypeProperty(u,t,s,d,e,r,null!=i?i:c);null===n?(p=!0,l=this.state.lastTokStart):a.properties.push(n)}this.flowObjectTypeSemicolon(),!||this.match(o.braceR)||this.match(o.braceBarR)||this.raise(l,J.UnexpectedExplicitInexactInObject)}this.expect(l),r&&(a.inexact=p);const
u=this.finishNode(a,"ObjectTypeAnnotation");return
this.state.inType=s,u}flowParseObjectTypeProperty(e,t,r,n,i,s,a){if(this.eat(o.ellipsis)){return
this.match(o.comma)||this.match(o.semi)||this.match(o.braceR)||this.match(o.braceBarR)?(s?a||this.raise(this.state.lastTokStart,J.InexactInsideExact):this.raise(this.state.lastTokStart,J.InexactInsideNonObject),n&&this.raise(n.start,J.InexactVariance),null):(s||this.raise(this.state.lastTokStart,J.UnexpectedSpreadType),null!=r&&this.unexpected(r),n&&this.raise(n.start,J.SpreadVariance),e.argument=this.flowParseType(),this.finishNode(e,"ObjectTypeSpreadProperty"))}{e.key=this.flowParseObjectPropertyKey(),e.static=t,e.proto=null!=r,e.kind=i;let a=!1;return
this.isRelational("<")||this.match(o.parenL)?(e.method=!0,null!=r&&this.unexpected(r),n&&this.unexpected(n.start),e.value=this.flowParseObjectTypeMethodish(this.startNodeAt(e.start,e.loc.start)),"get"!==i&&"set"!==i)||this.flowCheckGetterSetterParams(e,!s&&"constructor"===e.key.name&&e.value.this&&this.raise(e.value.this.start,J.ThisPa

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ramBannedInConstructor):("init"!==i&&this.unexpected(),e.method=!1,this.eat(o.question)&&(a=!0),e.value=this.
flowParseTypeInitialiser(),e.variance=n),e.optional=a,this.finishNode(e,"ObjectTypeProperty"))}flowCheckGetterS
etterParams(e){const
t="get"===e.kind?0:1,r=e.start,n=e.value.params.length+(e.value.rest?1:0);e.value.this&&this.raise(e.value.this.start
,"get"===e.kind?J.GetterMayNotHaveThisParam:J.SetterMayNotHaveThisParam),n!==t&&("get"===e.kind?this.ra
ise(r,T.BadGetterArity):this.raise(r,T.BadSetterArity)),("set"===e.kind&&e.value.rest&&this.raise(r,T.BadSetterRes
tParameter))}flowObjectTypeSemicolon(){this.eat(o.semi)||this.eat(o.comma)||this.match(o.braceR)||this.match(o.bra
ceBarR)||this.unexpected()}flowParseQualifiedTypeIdentifier(e,t,r){e=e||this.state.start,t=t||this.state.startLoc;let
n=r||this.flowParseRestrictedIdentifier(!0);for(;this.eat(o.dot);){const
r=this.startNodeAt(e,t);r.qualification=n,r.id=this.flowParseRestrictedIdentifier(!0),n=this.finishNode(r,"QualifiedT
ypeIdentifier")}return n}flowParseGenericType(e,t,r){const n=this.startNodeAt(e,t);return
n.typeParameters=null,n.id=this.flowParseQualifiedTypeIdentifier(e,t,r),this.isRelational("<")&&(n.typeParameters
=this.flowParseTypeParameterInstantiation()),this.finishNode(n,"GenericTypeAnnotation")}flowParseTypeofType()
{const e=this.startNode();return
this.expect(o._typeof),e.argument=this.flowParsePrimaryType(),this.finishNode(e,"TypeofTypeAnnotation")}flowP
arseTupleType(){const
e=this.startNode();for(e.types=[],this.expect(o.bracketL);this.state.pos<this.length&&!this.match(o.bracketR)&&(e.t
ypes.push(this.flowParseType()),!this.match(o.bracketR));)this.expect(o.comma);return
this.expect(o.bracketR),this.finishNode(e,"TupleTypeAnnotation")}flowParseFunctionTypeParam(e){let
t=null,r=!1,n=null;const i=this.startNode(),s=this.lookahead(),a=this.state.type===o._this;return
s.type===o.colon||s.type===o.question?(a&&!e&&this.raise(i.start,J.ThisParamMustBeFirst),t=this.parseIdentifier(
a),this.eat(o.question)&&(r=!0,a&&this.raise(i.start,J.ThisParamMayNotBeOptional)),n=this.flowParseTypeInitialis
er():n=this.flowParseType(),i.name=t,i.optional=r,i.typeAnnotation=n,this.finishNode(i,"FunctionTypeParam")}rei
nterpretTypeAsFunctionTypeParam(e){const t=this.startNodeAt(e.start,e.loc.start);return
t.name=null,t.optional=!1,t.typeAnnotation=e,this.finishNode(t,"FunctionTypeParam")}flowParseFunctionTypePara
ms(e=[]){let
t=null,r=null;for(this.match(o._this)&&(r=this.flowParseFunctionTypeParam(!0),r.name=null,this.match(o.parenR)||
this.expect(o.comma));!this.match(o.parenR)&&!this.match(o.ellipsis);)e.push(this.flowParseFunctionTypeParam(!
1)),this.match(o.parenR)||this.expect(o.comma);return
this.eat(o.ellipsis)&&(t=this.flowParseFunctionTypeParam(!1)),{params:e,rest:t,_this:r}}flowIdentToTypeAnnotati
on(e,t,r,n){switch(n.name){case"any":return
this.finishNode(r,"AnyTypeAnnotation");case"bool":case"boolean":return
this.finishNode(r,"BooleanTypeAnnotation");case"mixed":return
this.finishNode(r,"MixedTypeAnnotation");case"empty":return
this.finishNode(r,"EmptyTypeAnnotation");case"number":return
this.finishNode(r,"NumberTypeAnnotation");case"string":return
this.finishNode(r,"StringTypeAnnotation");case"symbol":return
this.finishNode(r,"SymbolTypeAnnotation");default:return
this.checkNotUnderscore(n.name),this.flowParseGenericType(e,t,n)}flowParsePrimaryType(){const
e=this.state.start,t=this.state.startLoc,r=this.startNode();let n,i,s=!1;const
a=this.state.noAnonFunctionType;switch(this.state.type){case o.name:return
this.isContextual("interface")?this.flowParseInterfaceType():this.flowIdentToTypeAnnotation(e,t,r,this.parseIdentifi
er());case o.braceL:return
this.flowParseObjectType({allowStatic:!1,allowExact:!1,allowSpread:!0,allowProto:!1,allowInexact:!0});case
o.braceBarL:return
this.flowParseObjectType({allowStatic:!1,allowExact:!0,allowSpread:!0,allowProto:!1,allowInexact:!1});case
o.bracketL:return
this.state.noAnonFunctionType=!1,i=this.flowParseTupleType(),this.state.noAnonFunctionType=a,i;case

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o.relational;if("<"===this.state.value)return
r.typeParameters=this.flowParseTypeParameterDeclaration(),this.expect(o.parenL),n=this.flowParseFunctionTypeParameters(),r.params=n.params,r.rest=n.rest,r.this=n._this,this.expect(o.parenR),this.expect(o.arrow),r.returnType=this.flowParseType(),this.finishNode(r,"FunctionTypeAnnotation");break;case
o.parenL;if(this.next(),!this.match(o.parenR)&&!this.match(o.ellipsis))if(this.match(o.name)||this.match(o._this)){const e=this.lookahead().type;s=e!==(o.question&&e!==(o.colon))}else
s=!0;if(s){if(this.state.noAnonFunctionType=!1,i=this.flowParseType(),this.state.noAnonFunctionType=a,this.state.noAnonFunctionType||(this.match(o.comma)||this.match(o.parenR)&&this.lookahead().type===o.arrow))return this.expect(o.parenR),i;this.eat(o.comma)}return
n=i?this.flowParseFunctionTypeParams([this.reinterpretTypeAsFunctionTypeParam(i)]:this.flowParseFunctionTypeParams(),r.params=n.params,r.rest=n.rest,r.this=n._this,this.expect(o.parenR),this.expect(o.arrow),r.returnType=this.flowParseType(),r.typeParameters=null,this.finishNode(r,"FunctionTypeAnnotation");case o.string:return this.parseLiteral(this.state.value,"StringLiteralTypeAnnotation");case o._true:case o._false:return r.value=this.match(o._true),this.next(),this.finishNode(r,"BooleanLiteralTypeAnnotation");case o.plusMin;if("-"===this.state.value){if(this.next(),this.match(o.num))return this.parseLiteral(-this.state.value,"NumberLiteralTypeAnnotation",r.start,r.loc.start);if(this.match(o.bigint))return this.parseLiteral(-this.state.value,"BigIntLiteralTypeAnnotation",r.start,r.loc.start);throw this.raise(this.state.start,J.UnexpectedSubtractionOperand)}throw this.unexpected();case o.num:return this.parseLiteral(this.state.value,"NumberLiteralTypeAnnotation");case o.bigint:return this.parseLiteral(this.state.value,"BigIntLiteralTypeAnnotation");case o._void:return this.next(),this.finishNode(r,"VoidTypeAnnotation");case o._null:return this.next(),this.finishNode(r,"NullLiteralTypeAnnotation");case o._this:return this.next(),this.finishNode(r,"ThisTypeAnnotation");case o.star:return this.next(),this.finishNode(r,"ExistsTypeAnnotation");default;if("typeof"===this.state.type.keyword)return this.flowParseTypeofType();if(this.state.type.keyword){const e=this.state.type.label;return this.next(),super.createIdentifier(r,e)}throw this.unexpected()}flowParsePostfixType(){const e=this.state.start,t=this.state.startLoc;let r=this.flowParsePrimaryType(),n=!1;for(;(this.match(o.bracketL)||this.match(o.questionDot))&&!this.canInsertSemicolon();){const i=this.startNodeAt(e,t),s=this.eat(o.questionDot);n=n||s,this.expect(o.bracketL),!s&&this.match(o.bracketR)?(i.elementType=r,this.next(),r=this.finishNode(i,"ArrayTypeAnnotation")):(i.objectType=r,i.indexType=this.flowParseType(),this.expect(o.bracketR),n?(i.optional=s,r=this.finishNode(i,"OptionalIndexedAccessType")):r=this.finishNode(i,"IndexedAccessType"))}return r}flowParsePrefixType(){const e=this.startNode();return this.eat(o.question)?(e.typeAnnotation=this.flowParsePrefixType(),this.finishNode(e,"NullableTypeAnnotation")):this.flowParsePostfixType()}flowParseAnonFunctionWithoutParens(){const e=this.flowParsePrefixType();if(!this.state.noAnonFunctionType&&this.eat(o.arrow)){const t=this.startNodeAt(e.start,e.loc.start);return t.params=[this.reinterpretTypeAsFunctionTypeParam(e)],t.rest=null,t.this=null,t.returnType=this.flowParseType(),t.typeParameters=null,this.finishNode(t,"FunctionTypeAnnotation")}return e}flowParseIntersectionType(){const e=this.startNode();this.eat(o.bitwiseAND);const t=this.flowParseAnonFunctionWithoutParens();for(e.types=[t];this.eat(o.bitwiseAND);)e.types.push(this.flowParseAnonFunctionWithoutParens());return l===e.types.length?t:this.finishNode(e,"IntersectionTypeAnnotation")}flowParseUnionType(){const e=this.startNode();this.eat(o.bitwiseOR);const t=this.flowParseIntersectionType();for(e.types=[t];this.eat(o.bitwiseOR);)e.types.push(this.flowParseIntersectionType());return l===e.types.length?t:this.finishNode(e,"UnionTypeAnnotation")}flowParseType(){const e=this.state.inType;this.state.inType=!0;const t=this.flowParseUnionType();return this.state.inType=e,this.state.exprAllowed=this.state.exprAllowed||this.state.noAnonFunctionType,t}flowParseType

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OrImplicitInstantiation(){if(this.state.type===o.name&&"_"===this.state.value){const
e=this.state.start,t=this.state.startLoc,r=this.parseIdentifier();return this.flowParseGenericType(e,t,r)}return
this.flowParseType()flowParseTypeAnnotation(){const e=this.startNode();return
e.typeAnnotation=this.flowParseTypeInitialiser(),this.finishNode(e,"TypeAnnotation")}flowParseTypeAnnotatableI
dentifier(e){const t=e?this.parseIdentifier():this.flowParseRestrictedIdentifier();return
this.match(o.colon)&&(t.typeAnnotation=this.flowParseTypeAnnotation(),this.resetEndLocation(t),t)}typeCastToPa
rameter(e){return
e.expression.typeAnnotation=e.typeAnnotation,this.resetEndLocation(e.expression,e.typeAnnotation.end,e.typeAnn
otation.loc.end),e.expression}flowParseVariance(){let e=null;return
this.match(o.plusMin)&&(e=this.startNode(),"+"===this.state.value?e.kind="plus":e.kind="minus",this.next(),this.fi
nishNode(e,"Variance")),e}parseFunctionBody(e,t,r=!1){return
t?this.forwardNoArrowParamsConversionAt(e,()=>super.parseFunctionBody(e,!0,r)):super.parseFunctionBody(e,!1,
r)}parseFunctionBodyAndFinish(e,t,r=!1){if(this.match(o.colon)){const
t=this.startNode();[t.typeAnnotation,e.predicate]=this.flowParseTypeAndPredicateInitialiser(),e.returnType=t.typeA
nnotation?this.finishNode(t,"TypeAnnotation"):null}super.parseFunctionBodyAndFinish(e,t,r)}parseStatement(e,t){
if(this.state.strict&&this.match(o.name)&&"interface"===this.state.value){const
e=this.lookahead();if(e.type===o.name||U(e.value)){const e=this.startNode();return
this.next(),this.flowParseInterface(e)}else if(this.shouldParseEnums()&&this.isContextual("enum")){const
e=this.startNode();return this.next(),this.flowParseEnumDeclaration(e)}const r=super.parseStatement(e,t);return
void
0!==(this.flowPragma||this.isValidDirective(r)||this.flowPragma=null,r)}parseExpressionStatement(e,t){if("Identifie
r"===t.type)if("declare"===t.name){if(this.match(o._class)||this.match(o.name)||this.match(o._function)||this.match(
o._var)||this.match(o._export))return this.flowParseDeclare(e)}else
if(this.match(o.name)){if("interface"===t.name)return this.flowParseInterface(e);if("type"===t.name)return
this.flowParseTypeAlias(e);if("opaque"===t.name)return this.flowParseOpaqueType(e,!1)}return
super.parseExpressionStatement(e,t)}shouldParseExportDeclaration(){return
this.isContextual("type")||this.isContextual("interface")||this.isContextual("opaque")||this.shouldParseEnums()&&thi
s.isContextual("enum")||super.shouldParseExportDeclaration()}isExportDefaultSpecifier(){return(!this.match(o.nam
e)||("type"===this.state.value||"interface"===this.state.value||"opaque"===this.state.value||this.shouldParseEnums()
&&"enum"===this.state.value))&&super.isExportDefaultSpecifier()}parseExportDefaultExpression(){if(this.should
ParseEnums()&&this.isContextual("enum")){const e=this.startNode();return
this.next(),this.flowParseEnumDeclaration(e)}return
super.parseExportDefaultExpression()}parseConditional(e,t,r,n){if(!this.match(o.question))return e;if(n){const
i=this.tryParse(())=>super.parseConditional(e,t,r);return
i.node?(i.error&&(this.state=i.failState),i.node):(n.start=i.error.pos||this.state.start,e)}this.expect(o.question);const
i=this.state.clone(),s=this.state.noArrowAt,a=this.startNodeAt(t,r);let {consequent:l,failed:c}=this.tryParseCondition
alConsequent(),[p,u]=this.getArrowLikeExpressions(l);if(c||u.length>0){const
e=[...s];if(u.length>0){this.state=i,this.state.noArrowAt=e;for(let
t=0;t<u.length;t++)e.push(u[t].start);({consequent:l,failed:c}=this.tryParseConditionalConsequent(),[p,u]=this.getA
rrowLikeExpressions(l)}c&&p.length>1&&this.raise(i.start,J.AmbiguousConditionalArrow),c&&1===p.length&&
(this.state=i,this.state.noArrowAt=e.concat(p[0].start),({consequent:l,failed:c}=this.tryParseConditionalConsequent(
))))}return
this.getArrowLikeExpressions(l,!0),this.state.noArrowAt=s,this.expect(o.colon),a.test=e,a.consequent=l,a.alternate=
this.forwardNoArrowParamsConversionAt(a,()=>this.parseMaybeAssign(void 0,void 0,void
0)),this.finishNode(a,"ConditionalExpression")}tryParseConditionalConsequent(){this.state.noArrowParamsConver
sionAt.push(this.state.start);const e=this.parseMaybeAssignAllowIn(),t=!this.match(o.colon);return
this.state.noArrowParamsConversionAt.pop(),{consequent:e,failed:t}}getArrowLikeExpressions(e,t){const
r=[e],n=[];for(;0!==r.length;){const

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e=r.pop();"ArrowFunctionExpression"===e.type?(e.typeParameters||e.returnType?this.finishArrowValidation(e):n.
push(e),r.push(e.body)):"ConditionalExpression"===e.type&&(r.push(e.consequent),r.push(e.alternate)))return
t?(n.forEach(e=>this.finishArrowValidation(e)),[n,[]]):function(e,t){const r=[],n=[];for(let
i=0;i<e.length;i++){t(e[i],i,e)?r:n).push(e[i]);return[r,n]}(n,e=>e.params.every(e=>this.isAssignable(e,!0)))}finishAr
rowValidation(e){var t;this.toAssignableList(e.params,null==(t=e.extra)?void
0:t.trailingComma,!1),this.scope.enter(6),super.checkParams(e,!1,!0),this.scope.exit())forwardNoArrowParamsCon
versionAt(e,t){let r;return-
1!==(this.state.noArrowParamsConversionAt.indexOf(e.start)?(this.state.noArrowParamsConversionAt.push(this.stat
e.start),r=t(),this.state.noArrowParamsConversionAt.pop():r=t(),r)}parseParenItem(e,t,r){if(e=super.parseParenItem
(e,t,r),this.eat(o.question)&&(e.optional=!0,this.resetEndLocation(e)),this.match(o.colon)){const
n=this.startNodeAt(t,r);return
n.expression=e,n.typeAnnotation=this.flowParseTypeAnnotation(),this.finishNode(n,"TypeCastExpression")}return
e}assertModuleNodeAllowed(e){"ImportDeclaration"===e.type&&("type"===e.importKind||"typeof"===e.import
Kind)||"ExportNamedDeclaration"===e.type&&"type"===e.exportKind||"ExportAllDeclaration"===e.type&&"type
"===e.exportKind||super.assertModuleNodeAllowed(e)}parseExport(e){const
t=super.parseExport(e);return"ExportNamedDeclaration"!==t.type&&"ExportAllDeclaration"!==t.type||(t.exportKin
d=t.exportKind||"value"),t}parseExportDeclaration(e){if(this.isContextual("type")){e.exportKind="type";const
t=this.startNode();return
this.next(),this.match(o.braceL)?(e.specifiers=this.parseExportSpecifiers(),this.parseExportFrom(e),null):this.flowPa
rseTypeAlias(t)}if(this.isContextual("opaque")){e.exportKind="type";const t=this.startNode();return
this.next(),this.flowParseOpaqueType(t,!1)}if(this.isContextual("interface")){e.exportKind="type";const
t=this.startNode();return
this.next(),this.flowParseInterface(t)}if(this.shouldParseEnums())&&this.isContextual("enum"){e.exportKind="valu
e";const t=this.startNode();return this.next(),this.flowParseEnumDeclaration(t)}return
super.parseExportDeclaration(e)}eatExportStar(e){return!!super.eatExportStar(...arguments)||(!this.isContextual("t
ype")||this.lookahead().type!==o.star)&&(e.exportKind="type",this.next(),this.next(),!0)}maybeParseExportNamesp
aceSpecifier(e){const t=this.state.start,r=super.maybeParseExportNamespaceSpecifier(e);return
r&&"type"===e.exportKind&&this.unexpected(t,r)}parseClassId(e,t,r){super.parseClassId(e,t,r),this.isRelational("<
")&&(e.typeParameters=this.flowParseTypeParameterDeclaration())}parseClassMember(e,t,r){const
n=this.state.start;if(this.isContextual("declare")){if(this.parseClassMemberFromModifier(e,t))return;t.declare=!0}su
per.parseClassMember(e,t,r),t.declare&&("ClassProperty"!==t.type&&"ClassPrivateProperty"!==t.type&&"Propert
yDefinition"!==t.type?this.raise(n,J.DeclareClassElement):t.value&&this.raise(t.value.start,J.DeclareClassFieldIniti
alizer))}isIterator(e){return"iterator"===e||"asyncIterator"===e}readIterator(){const
e=super.readWord1(),t="@@"+e;this.isIterator(e)&&this.state.inType||this.raise(this.state.pos,T.InvalidIdentifier,t),t
his.finishToken(o.name,t)}getTokenFromCode(e){const t=this.input.charCodeAtAt(this.state.pos+1);return
123===e&&124===t?this.finishOp(o.braceBarL,2):!this.state.inType||62!==e&&60!==e?this.state.inType&&63===
=e?46===t?this.finishOp(o.questionDot,2):this.finishOp(o.question,1):function(e,t){return
64===e&&64===t}(e,t)?(this.state.pos+=2,this.readIterator()):super.getTokenFromCode(e):this.finishOp(o.relation
al,1)}isAssignable(e,t){switch(e.type){case"Identifier":case"ObjectPattern":case"ArrayPattern":case"AssignmentPat
tern":return!0;case"ObjectExpression":{const t=e.properties.length-1;return
e.properties.every((e,r)=>"ObjectMethod"!==e.type&&(r===t||"SpreadElement"===e.type)&&this.isAssignable(e))
}case"ObjectProperty":return this.isAssignable(e.value);case"SpreadElement":return
this.isAssignable(e.argument);case"ArrayExpression":return
e.elements.every(e=>this.isAssignable(e));case"AssignmentExpression":return"="===e.operator;case"Parenthesized
Expression":case"TypeCastExpression":return
this.isAssignable(e.expression);case"MemberExpression":case"OptionalMemberExpression":return!t;default:return!
1}}toAssignable(e,t=!1){return"TypeCastExpression"===e.type?super.toAssignable(this.typeCastToParameter(e),t)
:super.toAssignable(e,t)}toAssignableList(e,t,r){for(let t=0;t<e.length;t++){const

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r=e[t];"TypeCastExpression"===!(null===r?void 0:r.type)&&(e[t]=this.typeCastToParameter(r))return
super.toAssignableList(e,t,r)}toReferencedList(e,t){for(let n=0;n<e.length;n++){var r;const
i=e[n];!i||"TypeCastExpression"!==i.type||null!=(r=i.extra)&&r.parenthesized||!(e.length>1)&&t||this.raise(i.typeAn
notation.start,J.TypeCastInParameter)}return e}parseArrayLike(e,t,r,n){const i=super.parseArrayLike(e,t,r,n);return
t&&!this.state.maybeInArrowParameters&&this.toReferencedList(i.elements,i)}checkLVal(e,...t){if("TypeCastExpr
ession"!==e.type)return super.checkLVal(e,...t)}parseClassProperty(e){return
this.match(o.colon)&&(e.typeAnnotation=this.flowParseTypeAnnotation()),super.parseClassProperty(e)}parseClass
PrivateProperty(e){return
this.match(o.colon)&&(e.typeAnnotation=this.flowParseTypeAnnotation()),super.parseClassPrivateProperty(e)}isC
lassMethod(){return this.isRelational("<")||super.isClassMethod()}isClassProperty(){return
this.match(o.colon)||super.isClassProperty()}isNonstaticConstructor(e){return!this.match(o.colon)&&super.isNonst
aticConstructor(e)}pushClassMethod(e,t,r,n,i,s){if(t.variance&&this.unexpected(t.variance.start),delete
t.variance,this.isRelational("<")&&(t.typeParameters=this.flowParseTypeParameterDeclaration()),super.pushClass
Method(e,t,r,n,i,s),t.params&&i){const
e=t.params:e.length>0&&this.isThisParam(e[0])&&this.raise(t.start,J.ThisParamBannedInConstructor)}else
if("MethodDefinition"===t.type&&i&&t.value.params){const
e=t.value.params:e.length>0&&this.isThisParam(e[0])&&this.raise(t.start,J.ThisParamBannedInConstructor)}}push
ClassPrivateMethod(e,t,r,n){t.variance&&this.unexpected(t.variance.start),delete
t.variance,this.isRelational("<")&&(t.typeParameters=this.flowParseTypeParameterDeclaration()),super.pushClassP
rivateMethod(e,t,r,n)}parseClassSuper(e){if(super.parseClassSuper(e),e.superClass&&this.isRelational("<")&&(e.s
uperTypeParameters=this.flowParseTypeParameterInstantiation()),this.isContextual("implements")){this.next();cons
t t=e.implements=[];do{const
e=this.startNode();e.id=this.flowParseRestrictedIdentifier(!0),this.isRelational("<")?e.typeParameters=this.flowPars
eTypeParameterInstantiation():e.typeParameters=null,t.push(this.finishNode(e,"ClassImplements"))}while(this.eat(o
.comma))}checkGetterSetterParams(e){super.checkGetterSetterParams(e);const
t=this.getObjectOrClassMethodParams(e);if(t.length>0){const
r=t[0];this.isThisParam(r)&&"get"===e.kind?this.raise(r.start,J.GetterMayNotHaveThisParam):this.isThisParam(r)
&&this.raise(r.start,J.SetterMayNotHaveThisParam)}}parsePropertyName(e,t){const
r=this.flowParseVariance(),n=super.parsePropertyName(e,t);return
e.variance=r,n}parseObjPropValue(e,t,r,n,i,s,a,l){let c;e.variance&&this.unexpected(e.variance.start),delete
e.variance,this.isRelational("<")&&!a&&(c=this.flowParseTypeParameterDeclaration(),this.match(o.parenL)||this.u
nexpected()),super.parseObjPropValue(e,t,r,n,i,s,a,l),c&&((e.value|e).typeParameters=c)}parseAssignableListItemT
ypes(e){return
this.eat(o.question)&&("Identifier"!==e.type&&this.raise(e.start,J.OptionalBindingPattern),this.isThisParam(e)&&t
his.raise(e.start,J.ThisParamMayNotBeOptional),e.optional=!0),this.match(o.colon)?e.typeAnnotation=this.flowPars
eTypeAnnotation():this.isThisParam(e)&&this.raise(e.start,J.ThisParamAnnotationRequired),this.match(o.eq)&&thi
s.isThisParam(e)&&this.raise(e.start,J.ThisParamNoDefault),this.resetEndLocation(e),e)}parseMaybeDefault(e,t,r){c
onst
n=super.parseMaybeDefault(e,t,r);return"AssignmentPattern"===n.type&&n.typeAnnotation&&n.right.start<n.type
Annotation.start&&this.raise(n.typeAnnotation.start,J.TypeBeforeInitializer),n}shouldParseDefaultImport(e){return
H(e)?G(this.state):super.shouldParseDefaultImport(e)}parseImportSpecifierLocal(e,t,r,n){t.local=H(e)?this.flowPars
eRestrictedIdentifier(!0,!0):this.parseIdentifier(),this.checkLVal(t.local,n,9),e.specifiers.push(this.finishNode(t,r))}m
aybeParseDefaultImportSpecifier(e){e.importKind="value";let
t=null;if(this.match(o._typeof)?t="typeof":this.isContextual("type")&&(t="type"),t){const
r=this.lookahead();"type"===t&&r.type===o.star&&this.unexpected(r.start),(G(r)||r.type===o.braceL||r.type===o.st
ar)&&(this.next(),e.importKind=t)}return
super.maybeParseDefaultImportSpecifier(e)}parseImportSpecifier(e){const
t=this.startNode(),r=this.state.start,n=this.parseModuleExportName();let

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i=null;"Identifier"===n.type&&("type"===n.name?i="type":"typeof"===n.name&&(i="typeof"));let
s=!1;if(this.isContextual("as")&&!this.isLookaheadContextual("as")){const
e=this.parseIdentifier(!0);null===i||this.match(o.name)||this.state.type.keyword?(t.imported=n,t.importKind=null,t.local=this.parseIdentifier():(t.imported=e,t.importKind=i,t.local=e.__clone()))else
if(null!==i&&(this.match(o.name)||this.state.type.keyword))t.imported=this.parseIdentifier(!0),t.importKind=i,this.e.atContextual("as")?t.local=this.parseIdentifier():(s=!0,t.local=t.imported.__clone());else{if("StringLiteral"===n.type)throw
this.raise(t.start,T.ImportBindingIsString,n.value);s=!0,t.imported=n,t.importKind=null,t.local=t.imported.__clone()}const
a=H(e),l=H(t);a&&l&&this.raise(r,J.ImportTypeShorthandOnlyInPureImport),(a||l)&&this.checkReservedType(t.local.name,t.local.start,!0),!s||a||this.checkReservedWord(t.local.name,t.start,!0,!0),this.checkLVal(t.local,"import specifier",9),e.specifiers.push(this.finishNode(t,"ImportSpecifier"))}parseBindingAtom(){switch(this.state.type){case o._this:return this.parseIdentifier(!0);default:return super.parseBindingAtom()}}parseFunctionParams(e,t){const r=e.kind;"get"!==r&&"set"!==r&&this.isRelational("<")&&(e.typeParameters=this.flowParseTypeParameterDeclaration(),super.parseFunctionParams(e,t))}parseVarId(e,t){super.parseVarId(e,t),this.match(o.colon)&&(e.id.typeAnnotation=this.flowParseTypeAnnotation(),this.resetEndLocation(e.id))}parseAsyncArrowFromCallExpression(e,t){if(this.match(o.colon)){const
t=this.state.noAnonFunctionType;this.state.noAnonFunctionType=!0,e.returnType=this.flowParseTypeAnnotation(),this.state.noAnonFunctionType=t}return
super.parseAsyncArrowFromCallExpression(e,t)}shouldParseAsyncArrow(){return
this.match(o.colon)||super.shouldParseAsyncArrow()}parseMaybeAssign(e,t,r){var n;let
i,s=null;if(this.hasPlugin("jsx")&&(this.match(o.jsxTagStart)||this.isRelational("<"))){if(s=this.state.clone(),i=this.tryParse(=>super.parseMaybeAssign(e,t,r),s),!i.error)return i.node;const{context:n}=this.state;n[n.length-1]===x.j_oTag?n.length-=2:n[n.length-1]===x.j_expr&&(n.length-=1)}if(null!=(n=i)&&n.error||this.isRelational("<")){var a,l;let n;s=s||this.state.clone();const o=this.tryParse(i=>{var
s;n=this.flowParseTypeParameterDeclaration();const a=this.forwardNoArrowParamsConversionAt(n,=>{const
i=super.parseMaybeAssign(e,t,r);return
this.resetStartLocationFromNode(i,n,i)};"ArrowFunctionExpression"!==a.type&&null!=(s=a.extra)&&s.parenthesized&&i);const o=this.maybeUnwrapTypeCastExpression(a);return
o.typeParameters=n,this.resetStartLocationFromNode(o,n,a},s);let
c=null;if(o.node&&"ArrowFunctionExpression"===this.maybeUnwrapTypeCastExpression(o.node).type){if(!o.error&&!o.aborted)return
o.node.async&&this.raise(n.start,J.UnexpectedTypeParameterBeforeAsyncArrowFunction),o.node;c=o.node}if(null!=(a=i)&&a.node)return this.state=i.failState,i.node;if(c)return
this.state=o.failState,c;if(null!=(l=i)&&l.thrown)throw i.error;if(o.thrown)throw o.error;throw
this.raise(n.start,J.UnexpectedTokenAfterTypeParameter)}return
super.parseMaybeAssign(e,t,r)}parseArrow(e){if(this.match(o.colon)){const t=this.tryParse(=>{const
t=this.state.noAnonFunctionType;this.state.noAnonFunctionType=!0;const
r=this.startNode();return[r.typeAnnotation,e.predicate]=this.flowParseTypeAndPredicateInitialiser(),this.state.noAnonFunctionType=t,this.canInsertSemicolon()&&this.unexpected(),this.match(o.arrow)||this.unexpected(),r});if(t.thrown)return
null;t.error&&(this.state=t.failState),e.returnType=t.node.typeAnnotation?this.finishNode(t.node,"TypeAnnotation"):null}return super.parseArrow(e)}shouldParseArrow(){return
this.match(o.colon)||super.shouldParseArrow()}setArrowFunctionParameters(e,t){-
1!==this.state.noArrowParamsConversionAt.indexOf(e.start)?e.params=t.super.setArrowFunctionParameters(e,t):c
heckParams(e,t,r){if(!r|-1===this.state.noArrowParamsConversionAt.indexOf(e.start)){for(let
t=0;t<e.params.length;t++)this.isThisParam(e.params[t])&&t>0&&this.raise(e.params[t].start,J.ThisParamMustBeFirst);return super.checkParams(...arguments)}}}parseParenAndDistinguishExpression(e){return

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super.parseParenAndDistinguishExpression(e&&-
  1===this.state.noArrowAt.indexOf(this.state.start))}parseSubscripts(e,t,r,n){if("Identifier"===e.type&&"async"===
e.name&&-1!==this.state.noArrowAt.indexOf(t)){this.next();const
n=this.startNodeAt(t,r);n.callee=e,n.arguments=this.parseCallExpressionArguments(o.parenR,!1),e=this.finishNode(
n,"CallExpression")}else if("Identifier"===e.type&&"async"===e.name&&this.isRelational("<")){const
i=this.state.clone(),s=this.tryParse(e=>this.parseAsyncArrowWithTypeParameters(t,r)||e(),i);if(!s.error&&!s.aborted
)return s.node;const a=this.tryParse(=>super.parseSubscripts(e,t,r,n),i);if(a.node&&!a.error)return
a.node;if(s.node)return this.state=s.failState,s.node;if(a.node)return this.state=a.failState,a.node;throw
s.error||a.error}return
super.parseSubscripts(e,t,r,n)}parseSubscript(e,t,r,n,i){if(this.match(o.questionDot)&&this.isLookaheadToken_It())
{if(i.optionalChainMember=!0,n)return i.stop=!0,e;this.next();const s=this.startNodeAt(t,r);return
s.callee=e,s.typeArguments=this.flowParseTypeParameterInstantiation(),this.expect(o.parenL),s.arguments=this.par
seCallExpressionArguments(o.parenR,!1),s.optional=!0,this.finishCallExpression(s,!0)}if(!n&&this.shouldParseTyp
es()&&this.isRelational("<")){const n=this.startNodeAt(t,r);n.callee=e;const
s=this.tryParse(=>(n.typeArguments=this.flowParseTypeParameterInstantiationCallOrNew(),this.expect(o.parenL)
,n.arguments=this.parseCallExpressionArguments(o.parenR,!1),i.optionalChainMember&&(n.optional=!1),this.finis
hCallExpression(n,i.optionalChainMember)));if(s.node)return s.error&&(this.state=s.failState),s.node}return
super.parseSubscript(e,t,r,n,i)}parseNewArguments(e){let
t=null;this.shouldParseTypes()&&this.isRelational("<")&&(t=this.tryParse(=>this.flowParseTypeParameterInstant
iationCallOrNew()).node),e.typeArguments=t,super.parseNewArguments(e)}parseAsyncArrowWithTypeParameter
s(e,t){const r=this.startNodeAt(e,t);if(this.parseFunctionParams(r),this.parseArrow(r))return
this.parseArrowExpression(r,void 0,!0)}readToken_mult_modulo(e){const
t=this.input.charCodeAt(this.state.pos+1);if(42===e&&47===t&&this.state.hasFlowComment)return
this.state.hasFlowComment=!1,this.state.pos+=2,void
this.nextToken();super.readToken_mult_modulo(e)}readToken_pipe_amp(e){const
t=this.input.charCodeAt(this.state.pos+1);124!===e||125!===t?super.readToken_pipe_amp(e):this.finishOp(o.braceBar
R,2)}parseTopLevel(e,t){const r=super.parseTopLevel(e,t);return
this.state.hasFlowComment&&this.raise(this.state.pos,J.UnterminatedFlowComment),r}skipBlockComment(){if(thi
s.hasPlugin("flowComments")&&this.skipFlowComment())return
this.state.hasFlowComment&&this.unexpected(null,J.NestedFlowComment),this.hasFlowCommentCompletion(),thi
s.state.pos+=this.skipFlowComment(),void(this.state.hasFlowComment=!0);if(this.state.hasFlowComment){const
e=this.input.indexOf("*/",this.state.pos+=2);if(-1===e)throw this.raise(this.state.pos-
2,T.UnterminatedComment);this.state.pos=e+3}else
super.skipBlockComment()}skipFlowComment(){const{pos:e}=this.state;let
t=2;for(;[32,9].includes(this.input.charCodeAt(e+t));)t++;const
r=this.input.charCodeAt(t+e),n=this.input.charCodeAt(t+e+1);return 58===r&&58===n?t+2:"flow-
include"===this.input.slice(t+e,t+e+12)?t+12:58===r&&58!===n&&t}hasFlowCommentCompletion(){if(-
1===this.input.indexOf("*/",this.state.pos))throw
this.raise(this.state.pos,T.UnterminatedComment)}flowEnumErrorBooleanMemberNotInitialized(e,{enumName:t,m
emberName:r}){this.raise(e,J.EnumBooleanMemberNotInitialized,r,t)}flowEnumErrorInvalidMemberName(e,{enu
mName:t,memberName:r}){const
n=r[0].toUpperCase()+r.slice(1);this.raise(e,J.EnumInvalidMemberName,r,n,t)}flowEnumErrorDuplicateMemberN
ame(e,{enumName:t,memberName:r}){this.raise(e,J.EnumDuplicateMemberName,r,t)}flowEnumErrorInconsistent
MemberValues(e,{enumName:t}){this.raise(e,J.EnumInconsistentMemberValues,t)}flowEnumErrorInvalidExplicit
Type(e,{enumName:t,suppliedType:r}){return
this.raise(e,null===r?J.EnumInvalidExplicitTypeUnknownSupplied:J.EnumInvalidExplicitType,t,r)}flowEnumErro
rInvalidMemberInitializer(e,{enumName:t,explicitType:r,memberName:n}){let
i=null;switch(r){case"boolean":case"number":case"string":i=J.EnumInvalidMemberInitializerPrimaryType;break;ca

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se"symbol":i=J.EnumInvalidMemberInitializerSymbolType;break;default:i=J.EnumInvalidMemberInitializerUnkno
wnType}return
this.raise(e,i,t,n,r)}flowEnumErrorNumberMemberNotInitialized(e,{enumName:t,memberName:r}){this.raise(e,J.E
numNumberMemberNotInitialized,t,r)}flowEnumErrorStringMemberInconsistentlyInitailized(e,{enumName:t}){thi
s.raise(e,J.EnumStringMemberInconsistentlyInitailized,t)}flowEnumMemberInit(){const
e=this.state.start,t=(()=>this.match(o.comma)||this.match(o.braceR));switch(this.state.type){case o.num:{const
r=this.parseLiteral(this.state.value,"NumericLiteral");return
t()?{type:"number",pos:r.start,value:r}:{type:"invalid",pos:e}}case o.string:{const
r=this.parseLiteral(this.state.value,"StringLiteral");return
t()?{type:"string",pos:r.start,value:r}:{type:"invalid",pos:e}}case o._true:case o._false:{const
r=this.parseBooleanLiteral();return
t()?{type:"boolean",pos:r.start,value:r}:{type:"invalid",pos:e}}default:return{type:"invalid",pos:e}}}flowEnumMe
mberRaw(){const
e=this.state.start;return{id:this.parseIdentifier(!0),init:this.eat(o.eq)?this.flowEnumMemberInit():{type:"none",pos:e
}}}flowEnumCheckExplicitTypeMismatch(e,t,r){const{explicitType:n}=t;null!==(n&&n!==(r&&this.flowEnumErro
rInvalidMemberInitializer(e,t))}flowEnumMembers({enumName:e,explicitType:t}){const r=new
Set,n={booleanMembers:[],numberMembers:[],stringMembers:[],defaultedMembers:[]};let
i=!1;for(;!this.match(o.braceR);){if(this.eat(o.ellipsis)){i=!0;break}const
s=this.startNode(),{id:a,init:l}=this.flowEnumMemberRaw(),c=a.name;if(""===c)continue;/^[a-
z]/.test(c)&&this.flowEnumErrorInvalidMemberName(a.start,{enumName:e,memberName:c}),r.has(c)&&this.flow
EnumErrorDuplicateMemberName(a.start,{enumName:e,memberName:c}),r.add(c);const
p={enumName:e,explicitType:t,memberName:c};switch(s.id=a,l.type){case"boolean":this.flowEnumCheckExplicit
TypeMismatch(l.pos,p,"boolean"),s.init=l.value,n.booleanMembers.push(this.finishNode(s,"EnumBooleanMember"
));break;case"number":this.flowEnumCheckExplicitTypeMismatch(l.pos,p,"number"),s.init=l.value,n.numberMemb
ers.push(this.finishNode(s,"EnumNumberMember"));break;case"string":this.flowEnumCheckExplicitTypeMismatc
h(l.pos,p,"string"),s.init=l.value,n.stringMembers.push(this.finishNode(s,"EnumStringMember"));break;case"invalid
":throw
this.flowEnumErrorInvalidMemberInitializer(l.pos,p);case"none":switch(t){case"boolean":this.flowEnumErrorBoo
leanMemberNotInitialized(l.pos,p);break;case"number":this.flowEnumErrorNumberMemberNotInitialized(l.pos,p);b
reak;default:n.defaultedMembers.push(this.finishNode(s,"EnumDefaultedMember"))}}this.match(o.braceR)||this.ex
pect(o.comma)}return{members:n,hasUnknownMembers:i}}flowEnumStringMembers(e,t,{enumName:r}){if(0===
e.length)return t;if(0===t.length)return e;if(t.length>e.length){for(const t of
e)this.flowEnumErrorStringMemberInconsistentlyInitailized(t.start,{enumName:r});return t}for(const e of
t)this.flowEnumErrorStringMemberInconsistentlyInitailized(e.start,{enumName:r});return
e}flowEnumParseExplicitType({enumName:e}){if(this.eatContextual("of")){if(!this.match(o.name))throw
this.flowEnumErrorInvalidExplicitType(this.state.start,{enumName:e,suppliedType:null});const{value:t}=this.state;
return
this.next(),"boolean"!==t&&"number"!==t&&"string"!==t&&"symbol"!==t&&this.flowEnumErrorInvalidExplicit
Type(this.state.start,{enumName:e,suppliedType:t}),t}return
null}flowEnumBody(e,{enumName:t,nameLoc:r}){const
n=this.flowEnumParseExplicitType({enumName:t});this.expect(o.braceL);const{members:i,hasUnknownMembers:
s}=this.flowEnumMembers({enumName:t,explicitType:n});switch(e.hasUnknownMembers=s,n){case"boolean":ret
urn
e.explicitType=!0,e.members=i.booleanMembers,this.expect(o.braceR),this.finishNode(e,"EnumBooleanBody");cas
e"number":return
e.explicitType=!0,e.members=i.numberMembers,this.expect(o.braceR),this.finishNode(e,"EnumNumberBody");cas
e"string":return
e.explicitType=!0,e.members=this.flowEnumStringMembers(i.stringMembers,i.defaultedMembers,{enumName:t}),

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this.expect(o.braceR),this.finishNode(e,"EnumStringBody");case"symbol":return
e.members=i.defaultedMembers,this.expect(o.braceR),this.finishNode(e,"EnumSymbolBody");default:{const
n(=>e.members=[],this.expect(o.braceR),this.finishNode(e,"EnumStringBody"));e.explicitType=!1;const
s=i.booleanMembers.length,a=i.numberMembers.length,l=i.stringMembers.length,c=i.defaultedMembers.length;if(
||a||l||c){if(s||a){if(!a&&!l&&s>=c){for(const e of
i.defaultedMembers)this.flowEnumErrorBooleanMemberNotInitialized(e.start,{enumName:t,memberName:e.id.name
});return
e.members=i.booleanMembers,this.expect(o.braceR),this.finishNode(e,"EnumBooleanBody")}if(!s&&!l&&a>=c){f
or(const e of
i.defaultedMembers)this.flowEnumErrorNumberMemberNotInitialized(e.start,{enumName:t,memberName:e.id.name
});return e.members=i.numberMembers,this.expect(o.braceR),this.finishNode(e,"EnumNumberBody")}return
this.flowEnumErrorInconsistentMemberValues(r,{enumName:t}),n()}return
e.members=this.flowEnumStringMembers(i.stringMembers,i.defaultedMembers,{enumName:t}),this.expect(o.brace
R),this.finishNode(e,"EnumStringBody")}return n()}}flowParseEnumDeclaration(e){const
t=this.parseIdentifier();return
e.id=t,e.body=this.flowEnumBody(this.startNode(),{enumName:t.name,nameLoc:t.start}),this.finishNode(e,"Enum
Declaration")}updateContext(e){this.match(o.name)&&"of"===this.state.value&&e===o.name&&"interface"===t
his.input.slice(this.state.lastTokStart,this.state.lastTokEnd)?this.state.exprAllowed=!1:super.updateContext(e)}isLoo
kaheadToken_lt(){const e=this.nextTokenStart();if(60===this.input.charCodeAt(e)){const
t=this.input.charCodeAt(e+1);return
60!==(t&&61)!==(t)}return!1}maybeUnwrapTypeCastExpression(e){return"TypeCastExpression"===e.type?e.express
ion:e}},typescript:e=>class extends e{getScopeHandler(){return se}tsIsIdentifier(){return
this.match(o.name)}tsTokenCanFollowModifier(){return(this.match(o.bracketL)||this.match(o.braceL)||this.match(o
.star)||this.match(o.ellipsis)||this.match(o.privateName)||this.isLiteralPropertyName())&&!this.hasPrecedingLineBrea
k()}tsNextTokenCanFollowModifier(){return
this.next(),this.tsTokenCanFollowModifier()}tsParseModifier(e){if(!this.match(o.name))return;const
t=this.state.value;return-1!==e.indexOf(t)&&this.tsTryParse(this.tsNextTokenCanFollowModifier.bind(this))?t:void
0}tsParseModifiers(e,t,r,n){const
i=(t,r,n,i)=>{r===n&&e[i]&&this.raise(t,pe.InvalidModifiersOrder,n,i)},s=(t,r,n,i)=>{e[n]&&r===i||e[i]&&r===n
&&this.raise(t,pe.IncompatibleModifiers,n,i)};for(;;){const
a=this.state.start,o=this.tsParseModifier(t.concat(null!=r?r:L));if(!o)break;ue(o)?e.accessibility?this.raise(a,pe.Dupli
cateAccessibilityModifier):(i(a,o,o,"override"),i(a,o,o,"static"),e.accessibility=o):(Object.hasOwnProperty.call(e,o)?t
his.raise(a,pe.DuplicateModifier,o):(i(a,o,"static","readonly"),i(a,o,"static","override"),i(a,o,"override","readonly"),i(
a,o,"abstract","override"),s(a,o,"declare","override"),s(a,o,"static","abstract")),e[o]=!0,null!=r&&r.includes(o)&&th
is.raise(a,n,o))}tsIsListTerminator(e){switch(e){case"EnumMembers":case"TypeMembers":return
this.match(o.braceR);case"HeritageClauseElement":return this.match(o.braceL);case"TupleElementTypes":return
this.match(o.bracketR);case"TypeParametersOrArguments":return this.isRelational(">")}throw new
Error("Unreachable")}tsParseList(e,t){const r=[];for(;!this.tsIsListTerminator(e);)r.push(t());return
r}tsParseDelimitedList(e,t){return
le(this.tsParseDelimitedListWorker(e,t,!0))}tsParseDelimitedListWorker(e,t,r){const
n=[];for(;!this.tsIsListTerminator(e);){const
i=t();if(null===i)return;if(n.push(i),!this.eat(o.comma)){if(this.tsIsListTerminator(e))break;return
void(r&&this.expect(o.comma))}}return
n}tsParseBracketedList(e,t,r,n){n||(r?this.expect(o.bracketL):this.expectRelational("<"));const
i=this.tsParseDelimitedList(e,t);return
r?this.expect(o.bracketR):this.expectRelational(">"),i}tsParseImportType(){const e=this.startNode();return
this.expect(o._import),this.expect(o.parenL),this.match(o.string)||this.raise(this.state.start,pe.UnsupportedImportTyp
eArgument),e.argument=this.parseExprAtom(),this.expect(o.parenR),this.eat(o.dot)&&(e.qualifier=this.tsParseEntit

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yName(!0)),this.isRelational("<")&&(e.typeParameters=this.tsParseTypeArguments()),this.finishNode(e,"TSImport
Type")}tsParseEntityName(e){let t=this.parseIdentifier();for(;this.eat(o.dot);){const
r=this.startNodeAtNode(t);r.left=t,r.right=this.parseIdentifier(e),t=this.finishNode(r,"TSQualifiedName")}return
t}tsParseTypeReference(){const e=this.startNode();return
e.typeName=this.tsParseEntityName(!1,!this.hasPrecedingLineBreak()&&this.isRelational("<")&&(e.typeParamet
ers=this.tsParseTypeArguments()),this.finishNode(e,"TSTypeReference")}tsParseThisTypePredicate(e){this.next();
const t=this.startNodeAtNode(e);return
t.parameterName=e,t.typeAnnotation=this.tsParseTypeAnnotation(!1),t.asserts=!1,this.finishNode(t,"TSTypePredica
te")}tsParseThisTypeNode(){const e=this.startNode();return
this.next(),this.finishNode(e,"TSThisType")}tsParseTypeQuery(){const e=this.startNode();return
this.expect(o._typeof),this.match(o._import)?e.exprName=this.tsParseImportType():e.exprName=this.tsParseEntity
Name(!0),this.finishNode(e,"TSTypeQuery")}tsParseTypeParameter(){const e=this.startNode();return
e.name=this.parseIdentifierName(e.start),e.constraint=this.tsEatThenParseType(o._extends),e.default=this.tsEatThe
nParseType(o.eq),this.finishNode(e,"TSTypeParameter")}tsTryParseTypeParameters(){if(this.isRelational("<"))retu
rn this.tsParseTypeParameters()tsParseTypeParameters(){const e=this.startNode();return
this.isRelational("<")||this.match(o.jsxTagStart)?this.next():this.unexpected(),e.params=this.tsParseBracketedList("T
ypeParametersOrArguments",this.tsParseTypeParameter.bind(this),!1,!0),0===e.params.length&&this.raise(e.start,p
e.EmptyTypeParameters),this.finishNode(e,"TSTypeParameterDeclaration")}tsTryNextParseConstantContext(){ret
urn this.lookahead().type===o._const?(this.next(),this.tsParseTypeReference()):null}tsFillSignature(e,t){const
r=e===o.arrow;t.typeParameters=this.tsTryParseTypeParameters(),this.expect(o.parenL),t.parameters=this.tsParseBi
ndingListForSignature(),(r||this.match(e))&&(t.typeAnnotation=this.tsParseTypeOrTypePredicateAnnotation(e))}ts
ParseBindingListForSignature(){return
this.parseBindingList(o.parenR,41).map(e=>("Identifier"!==e.type&&"RestElement"!==e.type&&"ObjectPattern"!
==e.type&&"ArrayPattern"!==e.type&&this.raise(e.start,pe.UnsupportedSignatureParameterKind,e.type),e))}tsParse
TypeMemberSemicolon(){this.eat(o.comma)||this.isLineTerminator()||this.expect(o.semi)}tsParseSignatureMemb
er(e,t){return
this.tsFillSignature(o.colon,t),this.tsParseTypeMemberSemicolon(),this.finishNode(t,e)}tsIsUnambiguouslyIndexSi
gnature(){return
this.next(),this.eat(o.name)&&this.match(o.colon)}tsTryParseIndexSignature(e){if(!this.match(o.bracketL)||!this.tsL
ookAhead(this.tsIsUnambiguouslyIndexSignature.bind(this)))return;this.expect(o.bracketL);const
t=this.parseIdentifier();t.typeAnnotation=this.tsParseTypeAnnotation(),this.resetEndLocation(t),this.expect(o.brack
eR),e.parameters=[t];const r=this.tsTryParseTypeAnnotation();return
r&&(e.typeAnnotation=r),this.tsParseTypeMemberSemicolon(),this.finishNode(e,"TSIndexSignature")}tsParseProp
ertyOrMethodSignature(e,t){this.eat(o.question)&&(e.optional=!0);const
r=e;if(this.match(o.parenL)||this.isRelational("<")){t&&this.raise(e.start,pe.ReadOnlyForMethodSignature);const
n=r;if(n.kind&&this.isRelational("<")&&this.raise(this.state.pos,pe.AccessorCannotHaveTypeParameters),this.tsFill
Signature(o.colon,n),this.tsParseTypeMemberSemicolon(),"get"===n.kind)n.parameters.length>0&&(this.raise(this
.state.pos,T.BadGetterArity),this.isThisParam(n.parameters[0])&&this.raise(this.state.pos,pe.AccessorCannotDeclare
ThisParameter));else
if("set"===n.kind){if(1!==n.parameters.length)this.raise(this.state.pos,T.BadSetterArity);else{const
e=n.parameters[0];this.isThisParam(e)&&this.raise(this.state.pos,pe.AccessorCannotDeclareThisParameter),"Identifi
er"===e.type&&e.optional&&this.raise(this.state.pos,pe.SetAccessorCannotHaveOptionalParameter),"RestElement"
===e.type&&this.raise(this.state.pos,pe.SetAccessorCannotHaveRestParameter)}n.typeAnnotation&&this.raise(n.ty
peAnnotation.start,pe.SetAccessorCannotHaveReturnType)}else n.kind="method";return
this.finishNode(n,"TSMethodSignature")}{const e=r;t&&(e.readonly=!0);const
n=this.tsTryParseTypeAnnotation();return
n&&(e.typeAnnotation=n),this.tsParseTypeMemberSemicolon(),this.finishNode(e,"TSPropertySignature")}tsParse
TypeMember(){const e=this.startNode();if(this.match(o.parenL)||this.isRelational("<"))return

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this.tsParseSignatureMember("TSCallSignatureDeclaration",e);if(this.match(o._new)){const
t=this.startNode();return
this.next(),this.match(o.parenL)||this.isRelational("<")?this.tsParseSignatureMember("TSConstructSignatureDeclarati
on",e):(e.key=this.createIdentifier(t,"new"),this.tsParsePropertyOrMethodSignature(e,!1))}this.tsParseModifiers(e,
["readonly"],["declare","abstract","private","protected","public","static","override"],pe.InvalidModifierOnTypeMem
ber);const t=this.tsTryParseIndexSignature(e);return
t||(this.parsePropertyName(e,!1),e.computed||"Identifier"!==e.key.type||"get"!==e.key.name&&"set"!==e.key.name||
!this.tsTokenCanFollowModifier()(e.kind=e.key.name,this.parsePropertyName(e,!1)),this.tsParsePropertyOrMetho
dSignature(e,!e.readonly))}tsParseTypeLiteral(){const e=this.startNode();return
e.members=this.tsParseObjectTypeMembers(),this.finishNode(e,"TSTypeLiteral")}tsParseObjectTypeMembers(){t
his.expect(o.braceL);const e=this.tsParseList("TypeMembers",this.tsParseTypeMember.bind(this));return
this.expect(o.braceR),e}tsIsStartOfMappedType(){return
this.next(),this.eat(o.plusMin)?this.isContextual("readonly"):(this.isContextual("readonly")&&this.next(),!!this.matc
h(o.bracketL)&&(this.next(),!!this.tsIsIdentifier())&&(this.next(),this.match(o._in))))}tsParseMappedTypeParameter
(){const e=this.startNode();return
e.name=this.parseIdentifierName(e.start),e.constraint=this.tsExpectThenParseType(o._in),this.finishNode(e,"TSTyp
eParameter")}tsParseMappedType(){const e=this.startNode();return
this.expect(o.braceL),this.match(o.plusMin)?(e.readonly=this.state.value,this.next(),this.expectContextual("readonly
")):this.eatContextual("readonly")&&(e.readonly=!0),this.expect(o.bracketL),e.typeParameter=this.tsParseMappedT
ypeParameter(),e.nameType=this.eatContextual("as")?this.tsParseType():null,this.expect(o.bracketR),this.match(o.p
lusMin)?(e.optional=this.state.value,this.next(),this.expect(o.question)):this.eat(o.question)&&(e.optional=!0),e.type
Annotation=this.tsTryParseType(),this.semicolon(),this.expect(o.braceR),this.finishNode(e,"TSMappedType")}tsPa
rseTupleType(){const
e=this.startNode();e.elementTypes=this.tsParseBracketedList("TupleElementTypes",this.tsParseTupleElementType.
bind(this),!0,!1);let t=!1,r=null;return e.elementTypes.forEach(e=>{ var
n;let{type:i}=e;!t||"TSRestType"===i||"TSOptionalType"===i||"TSNamedTupleMember"===i&&e.optional||this.rai
se(e.start,pe.OptionalTypeBeforeRequired),t=t||"TSNamedTupleMember"===i&&e.optional||"TSOptionalType"===
i,"TSRestType"===i&&(i=(e=e.typeAnnotation).type);const
s="TSNamedTupleMember"===i;r=null!==(n=r)?n:s,r!==s&&this.raise(e.start,pe.MixedLabeledAndUnlabeledElem
ents)),this.finishNode(e,"TSTupleType")}tsParseTupleElementType(){const{start:e,startLoc:t}=this.state,r=this.eat
(o.ellipsis);let n=this.tsParseType();const i=this.eat(o.question);if(this.eat(o.colon)){const
e=this.startNodeAtNode(n);e.optional=i,"TSTypeReference"!==n.type||n.typeParameters||"Identifier"!==n.typeNam
e.type?(this.raise(n.start,pe.InvalidTupleMemberLabel),e.label=n):e.label=n.typeName,e.elementType=this.tsParseT
ype(),n=this.finishNode(e,"TSNamedTupleMember")}else if(i){const
e=this.startNodeAtNode(n);e.typeAnnotation=n,n=this.finishNode(e,"TSOptionalType")}if(r){const
r=this.startNodeAt(e,t);r.typeAnnotation=n,n=this.finishNode(r,"TSRestType")}return
n}tsParseParenthesizedType(){const e=this.startNode();return
this.expect(o.parenL),e.typeAnnotation=this.tsParseType(),this.expect(o.parenR),this.finishNode(e,"TSParenthesize
dType")}tsParseFunctionOrConstructorType(e,t){const
r=this.startNode();return"TSConstructorType"===e&&(r.abstract=!t,t&&this.next(),this.next()),this.tsFillSignature(
o.arrow,r),this.finishNode(r,e)}tsParseLiteralTypeNode(){const e=this.startNode();return
e.literal=(()=>>{switch(this.state.type){case o.num:case o.bigint:case o.string:case o._true:case o._false:return
this.parseExprAtom();default:throw
this.unexpected()})(),this.finishNode(e,"TSLiteralType")}tsParseTemplateLiteralType(){const
e=this.startNode();return
e.literal=this.parseTemplate(!1),this.finishNode(e,"TSLiteralType")}parseTemplateSubstitution(){return
this.state.inType?this.tsParseType():super.parseTemplateSubstitution()}tsParseThisTypeOrThisTypePredicate(){con
st e=this.tsParseThisTypeNode();return

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this.isContextual("is")&&!this.hasPrecedingLineBreak()?this.tsParseThisTypePredicate(e):e}tsParseNonArrayType
(){switch(this.state.type){case o.name:case o._void:case o._null:{const
e=this.match(o._void)?"TSVoidKeyword":this.match(o._null)?"TSNullKeyword":function(e){switch(e){case"any":r
return"TSAnyKeyword";case"boolean":return"TSBooleanKeyword";case"bigint":return"TSBigIntKeyword";case"ne
ver":return"TSNeverKeyword";case"number":return"TSNumberKeyword";case"object":return"TSObjectKeyword";
case"string":return"TSStringKeyword";case"symbol":return"TSSymbolKeyword";case"undefined":return"TSUnde
finedKeyword";case"unknown":return"TSUnknownKeyword";default:return}}(this.state.value);if(void
0!==(e&&46!==(this.lookaheadCharCode())){const t=this.startNode();return this.next(),this.finishNode(t,e)}return
this.tsParseTypeReference()}case o.string:case o.num:case o.bigint:case o._true:case o._false:return
this.tsParseLiteralTypeNode();case o.plusMin:if("-"===this.state.value){const
e=this.startNode(),t=this.lookahead();if(t.type!==o.num&&t.type!==o.bigint)throw this.unexpected();return
e.literal=this.parseMaybeUnary(),this.finishNode(e,"TSLiteralType")}break;case o._this:return
this.tsParseThisTypeOrThisTypePredicate();case o._typeof:return this.tsParseTypeQuery();case o._import:return
this.tsParseImportType();case o.braceL:return
this.tsLookAhead(this.tsIsStartOfMappedType.bind(this))?this.tsParseMappedType():this.tsParseTypeLiteral();case
o.bracketL:return this.tsParseTupleType();case o.parenL:return this.tsParseParenthesizedType();case
o.backQuote:return this.tsParseTemplateLiteralType()}throw this.unexpected()}tsParseArrayTypeOrHigher(){let
e=this.tsParseNonArrayType();for(;!this.hasPrecedingLineBreak()&&this.eat(o.bracketL);)if(this.match(o.bracketR)
){const
t=this.startNodeAtNode(e);t.elementType=e,this.expect(o.bracketR),e=this.finishNode(t,"TSArrayType")}else{cons
t
t=this.startNodeAtNode(e);t.objectType=e,t.indexType=this.tsParseType(),this.expect(o.bracketR),e=this.finishNod
e(t,"TSIndexedAccessType")}return e}tsParseTypeOperator(e){const t=this.startNode();return
this.expectContextual(e),t.operator=e,t.typeAnnotation=this.tsParseTypeOperatorOrHigher(),"readonly"===e&&thi
s.tsCheckTypeAnnotationForReadOnly(t),this.finishNode(t,"TSTypeOperator")}tsCheckTypeAnnotationForReadO
nly(e){switch(e.typeAnnotation.type){case"TSTupleType":case"TSArrayType":return;default:this.raise(e.start,pe.U
nexpectedReadOnly)}tsParseInferType(){const e=this.startNode();this.expectContextual("infer");const
t=this.startNode();return
t.name=this.parseIdentifierName(t.start),e.typeParameter=this.finishNode(t,"TSTypeParameter"),this.finishNode(e,"
TSInferType")}tsParseTypeOperatorOrHigher(){const
e=["keyof","unique","readonly"].find(e=>this.isContextual(e));return
e?this.tsParseTypeOperator(e):this.isContextual("infer"?this.tsParseInferType():this.tsParseArrayTypeOrHigher())t
sParseUnionOrIntersectionType(e,t,r){const
n=this.startNode(),i=this.eat(r),s=[];do{s.push(t)}while(this.eat(r));return
1!==s.length||i?(n.types=s,this.finishNode(n,e)):s[0]}tsParseIntersectionTypeOrHigher(){return
this.tsParseUnionOrIntersectionType("TSIntersectionType",this.tsParseTypeOperatorOrHigher.bind(this),o.bitwise
AND)}tsParseUnionTypeOrHigher(){return
this.tsParseUnionOrIntersectionType("TSUnionType",this.tsParseIntersectionTypeOrHigher.bind(this),o.bitwiseOR
)}tsIsStartOfFunctionType(){return!this.isRelational("<")||this.match(o.parenL)&&this.tsLookAhead(this.tsIsUnam
biguouslyStartOfFunctionType.bind(this))}tsSkipParameterStart(){if(this.match(o.name)||this.match(o._this))return
this.next(),!0;if(this.match(o.braceL)){let
e=1;for(this.next();e>0;)this.match(o.braceL)?++e:this.match(o.braceR)&&--
e,this.next();return!0}if(this.match(o.bracketL)){let
e=1;for(this.next();e>0;)this.match(o.bracketL)?++e:this.match(o.bracketR)&&--
e,this.next();return!0}return!1}tsIsUnambiguouslyStartOfFunctionType(){if(this.next(),this.match(o.parenR)||this.m
atch(o.ellipsis))return!0;if(this.tsSkipParameterStart()){if(this.match(o.colon)||this.match(o.comma)||this.match(o.qu
estion)||this.match(o.eq))return!0;if(this.match(o.parenR)&&(this.next(),this.match(o.arrow)))return!0}return!1}tsPa
rseTypeOrTypePredicateAnnotation(e){return this.tsInType(=>{const t=this.startNode();this.expect(e);const

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r=this.startNode(),n=!this.tsTryParse(this.tsParseTypePredicateAsserts.bind(this));if(n&&this.match(o._this)){let
e=this.tsParseThisTypeOrThisTypePredicate();return"TSThisType"===e.type?(r.parameterName=e,r.asserts=!0,e=t
his.finishNode(r,"TSTypePredicate")):(this.resetStartLocationFromNode(e,r),e.asserts=!0),t.typeAnnotation=e,this.fi
nishNode(t,"TSTypeAnnotation")}const
i=this.tsIsIdentifier()&&this.tsTryParse(this.tsParseTypePredicatePrefix.bind(this));if(!i)return
n?(r.parameterName=this.parseIdentifier(),r.asserts=n,t.typeAnnotation=this.finishNode(r,"TSTypePredicate"),this.f
inishNode(t,"TSTypeAnnotation")):this.tsParseTypeAnnotation(!1,t);const s=this.tsParseTypeAnnotation(!1);return
r.parameterName=i,r.typeAnnotation=s,r.asserts=n,t.typeAnnotation=this.finishNode(r,"TSTypePredicate"),this.fini
shNode(t,"TSTypeAnnotation"))}tsTryParseTypeOrTypePredicateAnnotation(){return
this.match(o.colon)?this.tsParseTypeOrTypePredicateAnnotation(o.colon):void
0}tsTryParseTypeAnnotation(){return this.match(o.colon)?this.tsParseTypeAnnotation():void
0}tsTryParseType(){return this.tsEatThenParseType(o.colon)}tsParseTypePredicatePrefix(){const
e=this.parseIdentifier();if(this.isContextual("is")&&!this.hasPrecedingLineBreak())return
this.next(),e}tsParseTypePredicateAsserts(){if(!this.match(o.name)||"asserts"!==this.state.value||this.hasPrecedingLi
neBreak())return!1;const e=this.state.containsEsc;return
this.next(),!(this.match(o.name)&&!this.match(o._this))&&(e&&this.raise(this.state.lastTokStart,T.InvalidEscaped
ReservedWord,"asserts"),!0)}tsParseTypeAnnotation(e=!0,t=this.startNode()){return
this.tsInType(=>{e&&this.expect(o.colon),t.typeAnnotation=this.tsParseType()}),this.finishNode(t,"TSTypeAnno
tation")}tsParseType(){ce(this.state.inType);const
e=this.tsParseNonConditionalType();if(this.hasPrecedingLineBreak()||!this.eat(o._extends))return e;const
t=this.startNodeAtNode(e);return
t.checkType=e,t.extendsType=this.tsParseNonConditionalType(),this.expect(o.question),t.trueType=this.tsParseTyp
e(),this.expect(o.colon),t.falseType=this.tsParseType(),this.finishNode(t,"TSConditionalType")}isAbstractConstruct
orSignature(){return
this.isContextual("abstract")&&this.lookahead().type===o._new}tsParseNonConditionalType(){return
this.tsIsStartOfFunctionType()?this.tsParseFunctionOrConstructorType("TSFunctionType"):this.match(o._new)?thi
s.tsParseFunctionOrConstructorType("TSConstructorType"):this.isAbstractConstructorSignature()?this.tsParseFunc
tionOrConstructorType("TSConstructorType",!0):this.tsParseUnionTypeOrHigher()}tsParseTypeAssertion(){const
e=this.startNode(),t=this.tsTryNextParseConstantContext();return
e.typeAnnotation=t||this.tsNextThenParseType(),this.expectRelational(">"),e.expression=this.parseMaybeUnary(),th
is.finishNode(e,"TSTypeAssertion")}tsParseHeritageClause(e){const
t=this.state.start,r=this.tsParseDelimitedList("HeritageClauseElement",this.tsParseExpressionWithTypeArguments.b
ind(this));return
r.length||this.raise(t,pe.EmptyHeritageClauseType,e),r}tsParseExpressionWithTypeArguments(){const
e=this.startNode();return
e.expression=this.tsParseEntityName(!1),this.isRelational("<")&&(e.typeParameters=this.tsParseTypeArguments()),
this.finishNode(e,"TSExpressionWithTypeArguments")}tsParseInterfaceDeclaration(e){e.id=this.parseIdentifier(),t
his.checkLVal(e.id,"typescript interface
declaration",130),e.typeParameters=this.tsTryParseTypeParameters(),this.eat(o._extends)&&(e.extends=this.tsParse
HeritageClause("extends"));const t=this.startNode();return
t.body=this.tsInType(this.tsParseObjectTypeMembers.bind(this)),e.body=this.finishNode(t,"TSInterfaceBody"),this.
finishNode(e,"TSInterfaceDeclaration")}tsParseTypeAliasDeclaration(e){return
e.id=this.parseIdentifier(),this.checkLVal(e.id,"typescript type
alias",2),e.typeParameters=this.tsTryParseTypeParameters(),e.typeAnnotation=this.tsInType(=>{if(this.expect(o.e
q),this.isContextual("intrinsic")&&this.lookahead().type!==o.dot){const e=this.startNode();return
this.next(),this.finishNode(e,"TSIntrinsicKeyword")}return
this.tsParseType()}),this.semicolon(),this.finishNode(e,"TSTypeAliasDeclaration")}tsInNoContext(e){const
t=this.state.context;this.state.context=[t[0]];try{return e()}finally{this.state.context=t}}tsInType(e){const

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t=this.state.inType;this.state.inType=!0;try{return e()}finally{this.state.inType=t}}tsEatThenParseType(e){return
this.match(e)?this.tsNextThenParseType():void 0}tsExpectThenParseType(e){return
this.tsDoThenParseType(=>this.expect(e))tsNextThenParseType(){return
this.tsDoThenParseType(=>this.next())}tsDoThenParseType(e){return
this.tsInType(=>(e),this.tsParseType()))}tsParseEnumMember(){const e=this.startNode();return
e.id=this.match(o.string)?this.parseExprAtom():this.parseIdentifier(!0),this.eat(o.eq)&&(e.initializer=this.parseMay
beAssignAllowIn()),this.finishNode(e,"TSEnumMember")}tsParseEnumDeclaration(e,t){return
t&&(e.const=!0),e.id=this.parseIdentifier(),this.checkLVal(e.id,"typescript enum
declaration",t?779:267),this.expect(o.braceL),e.members=this.tsParseDelimitedList("EnumMembers",this.tsParseEn
umMember.bind(this)),this.expect(o.braceR),this.finishNode(e,"TSEnumDeclaration")}tsParseModuleBlock(){const
e=this.startNode();return
this.scope.enter(0),this.expect(o.braceL),this.parseBlockOrModuleBlockBody(e.body=[],void
0,!0,o.braceR),this.scope.exit(),this.finishNode(e,"TSMODULEBLOCK")}tsParseModuleOrNamespaceDeclaration(e,t=!
1){if(e.id=this.parseIdentifier(),t||this.checkLVal(e.id,"module or namespace
declaration",1024),this.eat(o.dot)){const
t=this.startNode();this.tsParseModuleOrNamespaceDeclaration(t,!0),e.body=t}else
this.scope.enter(256),this.prodParam.enter(0),e.body=this.tsParseModuleBlock(),this.prodParam.exit(),this.scope.exi
t();return this.finishNode(e,"TSMODULEDECLARATION")}tsParseAmbientExternalModuleDeclaration(e){return
this.isContextual("global")?(e.global=!0,e.id=this.parseIdentifier()):this.match(o.string)?e.id=this.parseExprAtom():t
his.unexpected(),this.match(o.braceL)?(this.scope.enter(256),this.prodParam.enter(0),e.body=this.tsParseModuleBlo
ck(),this.prodParam.exit(),this.scope.exit()):this.semicolon(),this.finishNode(e,"TSMODULEDECLARATION")}tsParseImp
ortEqualsDeclaration(e,t){e.isExport=t!!1,e.id=this.parseIdentifier(),this.checkLVal(e.id,"import equals
declaration",9),this.expect(o.eq);const
r=this.tsParseModuleReference();return"type"===e.importKind&&"TSEXTERNALMODULEREFERENCE"!==r.type&&this.
raise(r.start.pe.ImportAliasHasImportType),e.moduleReference=r,this.semicolon(),this.finishNode(e,"TSIMPORTEQU
ALSDECLARATION")}tsIsExternalModuleReference(){return
this.isContextual("require")&&40===this.lookaheadCharCode()}tsParseModuleReference(){return
this.tsIsExternalModuleReference()?this.tsParseExternalModuleReference():this.tsParseEntityName(!1)}tsParseExte
rnalModuleReference(){const
e=this.startNode();if(this.expectContextual("require"),this.expect(o.parenL,!this.match(o.string))throw
this.unexpected();return
e.expression=this.parseExprAtom(),this.expect(o.parenR),this.finishNode(e,"TSEXTERNALMODULEREFERENCE")}tsLook
Ahead(e){const t=this.state.clone(),r=e();return this.state=t,r}tsTryParseAndCatch(e){const
t=this.tryParse(t=>e)||t();if(!t.aborted&&t.node)return t.error&&(this.state=t.failState),t.node}tsTryParse(e){const
t=this.state.clone(),r=e();return void
0!==(r&&!1!==(r?r:void(this.state=t))}tsTryParseDeclare(e){if(this.isLineTerminator())return;let
t,r=this.state.type;return this.isContextual("let")&&(r=o._var,t="let"),this.tsInAmbientContext(=>{switch(r){case
o._function:return e.declare=!0,this.parseFunctionStatement(e,!1,!0);case o._class:return
e.declare=!0,this.parseClass(e,!0,!1);case
o._const;if(this.match(o._const)&&this.isLookaheadContextual("enum"))return
this.expect(o._const),this.expectContextual("enum"),this.tsParseEnumDeclaration(e,!0);case o._var:return
t=t||this.state.value,this.parseVarStatement(e,t);case o.name:{const
t=this.state.value;return"global"===t?this.tsParseAmbientExternalModuleDeclaration(e):this.tsParseDeclaration(e,t,
!0)}})}tsTryParseExportDeclaration(){return
this.tsParseDeclaration(this.startNode(),this.state.value,!0)}tsParseExpressionStatement(e,t){switch(t.name){case"de
clare":{const t=this.tsTryParseDeclare(e);if(t)return
t.declare=!0,t;break}case"global":if(this.match(o.braceL)){this.scope.enter(256),this.prodParam.enter(0);const
r=e;return

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r.global=!0,r.id=t,r.body=this.tsParseModuleBlock(),this.scope.exit(),this.prodParam.exit(),this.finishNode(r,"TSMo
moduleDeclaration"))}break;default:return
this.tsParseDeclaration(e,t.name,!1)}tsParseDeclaration(e,t,r){switch(t){case"abstract":if(this.tsCheckLineTermina
tor(r)&&(this.match(o._class)||this.match(o.name)))return
this.tsParseAbstractDeclaration(e);break;case"enum":if(r||this.match(o.name))return
r&&this.next(),this.tsParseEnumDeclaration(e,!1);break;case"interface":if(this.tsCheckLineTerminator(r)&&this.ma
tch(o.name))return
this.tsParseInterfaceDeclaration(e);break;case"module":if(this.tsCheckLineTerminator(r)){if(this.match(o.string))ret
urn this.tsParseAmbientExternalModuleDeclaration(e);if(this.match(o.name))return
this.tsParseModuleOrNamespaceDeclaration(e)}break;case"namespace":if(this.tsCheckLineTerminator(r)&&this.m
atch(o.name))return
this.tsParseModuleOrNamespaceDeclaration(e);break;case"type":if(this.tsCheckLineTerminator(r)&&this.match(o.
name))return this.tsParseTypeAliasDeclaration(e)}tsCheckLineTerminator(e){return
e?!this.hasFollowingLineBreak()&&(this.next(),!0):!this.isLineTerminator()}tsTryParseGenericAsyncArrowFunction
(e,t){if(!this.isRelational("<"))return;const
r=this.state.maybeInArrowParameters;this.state.maybeInArrowParameters=!0;const
n=this.tsTryParseAndCatch(=>{const r=this.startNodeAt(e,t);return
r.typeParameters=this.tsParseTypeParameters(),super.parseFunctionParams(r,r.returnType=this.tsTryParseTypeOr
TypePredicateAnnotation(),this.expect(o.arrow,r));return
this.state.maybeInArrowParameters=r,n?this.parseArrowExpression(n,null,!0):void
0}tsParseTypeArguments(){const e=this.startNode();return
e.params=this.tsInType(=>this.tsInNoContext(=>(this.expectRelational("<"),this.tsParseDelimitedList("TypePar
ametersOrArguments",this.tsParseType.bind(this)))),0===e.params.length&&this.raise(e.start,pe.EmptyTypeArgu
ments),this.state.exprAllowed=!1,this.expectRelational(">"),this.finishNode(e,"TSTypeParameterInstantiation")}tsIs
DeclarationStart(){if(this.match(o.name))switch(this.state.value){case"abstract":case"declare":case"enum":case"inte
rface":case"module":case"namespace":case"type":return!0}return!1}isExportDefaultSpecifier(){return!this.tsIsDecl
arationStart()&&super.isExportDefaultSpecifier()}parseAssignableListItem(e,t){const
r=this.state.start,n=this.state.startLoc;let i,s=!1;void
0!==e&&(i=this.parseAccessModifier(),s=!this.tsParseModifier(["readonly"]),!1===e&&(i||s)&&this.raise(r,pe.Un
expectedParameterModifier));const a=this.parseMaybeDefault();this.parseAssignableListItemTypes(a);const
o=this.parseMaybeDefault(a.start,a.loc.start,a);if(i||s){const e=this.startNodeAt(r,n);return
t.length&&(e.decorators=t),i&&(e.accessibility=i),s&&(e.readonly=s),"Identifier"!==o.type&&"AssignmentPattern
"!==o.type&&this.raise(e.start,pe.UnsupportedParameterPropertyKind),e.parameter=o,this.finishNode(e,"TSParamete
rProperty")}return
t.length&&(a.decorators=t),o}parseFunctionBodyAndFinish(e,t,r=!1){this.match(o.colon)&&(e.returnType=this.tsP
arseTypeOrTypePredicateAnnotation(o.colon));const
n="FunctionDeclaration"===t?"TSDeclareFunction":"ClassMethod"===t?"TSDeclareMethod":void
0;n&&!this.match(o.braceL)&&this.isLineTerminator()?this.finishNode(e,n):"TSDeclareFunction"===n&&this.stat
e.isAmbientContext&&(this.raise(e.start,pe.DeclareFunctionHasImplementation),e.declare)?super.parseFunctionBo
dyAndFinish(e,n,r):super.parseFunctionBodyAndFinish(e,t,r)}registerFunctionStatementId(e){!e.body&&e.id?this.c
heckLVal(e.id,"function
name",1024):super.registerFunctionStatementId(...arguments)}tsCheckForInvalidTypeCasts(e){e.forEach(e=>{"TS
TypeCastExpression"===e?(null===e?void
0:e.type)&&this.raise(e.typeAnnotation.start,pe.UnexpectedTypeAnnotation)}})toReferencedList(e,t){return
this.tsCheckForInvalidTypeCasts(e),e}parseArrayLike(...e){const
t=super.parseArrayLike(...e);return"ArrayExpression"===t.type&&this.tsCheckForInvalidTypeCasts(t.elements),t}p
arseSubscript(e,t,r,n,i){if(!this.hasPrecedingLineBreak()&&this.match(o.bang)){this.state.exprAllowed=!1,this.next
()};const n=this.startNodeAt(t,r);return

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n.expression=e,this.finishNode(n,"TSNonNullExpression")}if(this.isRelational("<")){const
s=this.tsTryParseAndCatch(=>{if(!n&&this.atPossibleAsyncArrow(e)){const
e=this.tsTryParseGenericAsyncArrowFunction(t,r);if(e)return e}const s=this.startNodeAt(t,r);s.callee=e;const
a=this.tsParseTypeArguments();if(a){if(!n&&this.eat(o.parenL))return
s.arguments=this.parseCallExpressionArguments(o.parenR,!1),this.tsCheckForInvalidTypeCasts(s.arguments),s.type
Parameters=a,i.optionalChainMember&&(s.optional=!1),this.finishCallExpression(s,i.optionalChainMember);if(thi
s.match(o.backQuote)){const n=this.parseTaggedTemplateExpression(e,t,r,i);return
n.typeParameters=a,n}}this.unexpected());if(s)return s}return
super.parseSubscript(e,t,r,n,i)}parseNewArguments(e){if(this.isRelational("<")){const
t=this.tsTryParseAndCatch(=>{const e=this.tsParseTypeArguments();return
this.match(o.parenL)||this.unexpected(),e});t&&(e.typeParameters=t)}super.parseNewArguments(e)}parseExprOp(e
,t,r,n){if(!!e._in.binop>n&&!this.hasPrecedingLineBreak()&&this.isContextual("as")){const
i=this.startNodeAt(t,r);i.expression=e;const s=this.tsTryNextParseConstantContext();return
i.typeAnnotation=s||this.tsNextThenParseType(),this.finishNode(i,"TSAsExpression"),this.reScan_it_gt(),this.parse
ExprOp(i,t,r,n)}return
super.parseExprOp(e,t,r,n)}checkReservedWord(e,t,r,n){}checkDuplicateExports(){}parseImport(e){if(e.importKind
="value",this.match(o.name)||this.match(o.star)||this.match(o.braceL)){let
t=this.lookahead();if(!this.isContextual("type")||t.type===o.comma||t.type===o.name&&"from"===t.value||t.type===
=o.eq||e.importKind="type",this.next(),t=this.lookahead(),this.match(o.name)&&t.type===o.eq)return
this.tsParseImportEqualsDeclaration(e)}const
t=super.parseImport(e);return"type"===t.importKind&&t.specifiers.length>1&&"ImportDefaultSpecifier"===t.spec
ifiers[0].type&&this.raise(t.start,pe.TypeImportCannotSpecifyDefaultAndNamed),t}parseExport(e){if(this.match(o.
_import))return
this.next(),this.isContextual("type")&&61!==(this.lookaheadCharCode()?(e.importKind="type",this.next()):e.import
Kind="value",this.tsParseImportEqualsDeclaration(e,!0);if(this.eat(o.eq)){const t=e;return
t.expression=this.parseExpression(),this.semicolon(),this.finishNode(t,"TSExportAssignment")}if(this.eatContextual
("as")){const t=e;return
this.expectContextual("namespace"),t.id=this.parseIdentifier(),this.semicolon(),this.finishNode(t,"TSNamespaceExp
ortDeclaration")}return
this.isContextual("type")&&this.lookahead().type===o.braceL?(this.next(),e.exportKind="type"):e.exportKind="val
ue",super.parseExport(e)}isAbstractClass(){return
this.isContextual("abstract")&&this.lookahead().type===o._class}parseExportDefaultExpression(){if(this.isAbstrac
tClass()){const e=this.startNode();return
this.next(),e.abstract=!0,this.parseClass(e,!0,!0,e)}if("interface"===this.state.value){const
e=this.tsParseDeclaration(this.startNode(),this.state.value,!0);if(e)return e}return
super.parseExportDefaultExpression()}parseStatementContent(e,t){if(this.state.type===o._const){const
e=this.lookahead();if(e.type===o.name&&"enum"===e.value){const e=this.startNode();return
this.expect(o._const),this.expectContextual("enum"),this.tsParseEnumDeclaration(e,!0)}}return
super.parseStatementContent(e,t)}parseAccessModifier(){return
this.tsParseModifier(["public","protected","private"])}tsHasSomeModifiers(e,t){return
t.some(t=>ue(t)?e.accessibility===t:!!e[t]}parseClassMember(e,t,r){const
n=["declare","private","public","protected","override","abstract","readonly"];this.tsParseModifiers(t,n.concat(["stati
c"]));const i(=>{const
i=!t.static;i&&this.eat(o.braceL)?(this.tsHasSomeModifiers(t,n)&&this.raise(this.state.pos,pe.StaticBlockCannotHa
veModifier),this.parseClassStaticBlock(e,t)):this.parseClassMemberWithIsStatic(e,t,r,i);t.declare?this.tsInAmbient
Context(i):i)}parseClassMemberWithIsStatic(e,t,r,n){const i=this.tsTryParseIndexSignature(t);if(i)return
e.body.push(i),t.abstract&&this.raise(t.start,pe.IndexSignatureHasAbstract),t.accessibility&&this.raise(t.start,pe.Ind
exSignatureHasAccessibility,t.accessibility),t.declare&&this.raise(t.start,pe.IndexSignatureHasDeclare),void(t.overn

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ide&&this.raise(t.start,pe.IndexSignatureHasOverride));!this.state.inAbstractClass&&t.abstract&&this.raise(t.start,p
e.NonAbstractClassHasAbstractMethod),t.override&&(r.hadSuperClass||this.raise(t.start,pe.OverrideNotInSubClass
)),super.parseClassMemberWithIsStatic(e,t,r,n)}parsePostMemberNameModifiers(e){this.eat(o.question)&&(e.opti
onal=!0),e.readonly&&this.match(o.parenL)&&this.raise(e.start,pe.ClassMethodHasReadonly),e.declare&&this.mat
ch(o.parenL)&&this.raise(e.start,pe.ClassMethodHasDeclare)}parseExpressionStatement(e,t){return("Identifier"==
=t.type?this.tsParseExpressionStatement(e,t):void
0)||super.parseExpressionStatement(e,t)}shouldParseExportDeclaration(){return!!this.tsIsDeclarationStart()}super.sh
ouldParseExportDeclaration()}parseConditional(e,t,r,n){if(!n||!this.match(o.question))return
super.parseConditional(e,t,r,n);const i=this.tryParse(=>super.parseConditional(e,t,r));return
i.node?(i.error&&(this.state=i.failState),i.node):(n.start=i.error.pos||this.state.start,e)}parseParenItem(e,t,r){if(e=sup
er.parseParenItem(e,t,r),this.eat(o.question)&&(e.optional=!0,this.resetEndLocation(e)),this.match(o.colon)){const
n=this.startNodeAt(t,r);return
n.expression=e,n.typeAnnotation=this.tsParseTypeAnnotation(),this.finishNode(n,"TSTypeCastExpression")}return
e}parseExportDeclaration(e){const
t=this.state.start,r=this.state.startLoc,n=this.eatContextual("declare");if(n&&(this.isContextual("declare"))||!this.shou
ldParseExportDeclaration())throw this.raise(this.state.start,pe.ExpectedAmbientAfterExportDeclare);let i;return
this.match(o.name)&&(i=this.tsTryParseExportDeclaration()),i||i=super.parseExportDeclaration(e),i&&("TSInterf
aceDeclaration"===i.type||"TSTypeAliasDeclaration"===i.type||n)&&(e.exportKind="type"),i&&n&&(this.resetSta
rtLocation(i,t,r),i.declare=!0,i)}parseClassId(e,t,r){if(!t||r)&&this.isContextual("implements")}return;super.parseCla
ssId(e,t,r,e.declare?1024:139);const
n=this.tsTryParseTypeParameters();n&&(e.typeParameters=n)}parseClassPropertyAnnotation(e){!e.optional&&this
.eat(o.bang)&&(e.definite=!0);const
t=this.tsTryParseTypeAnnotation();t&&(e.typeAnnotation=t)}parseClassProperty(e){return
this.parseClassPropertyAnnotation(e),this.state.isAmbientContext&&this.match(o.eq)&&this.raise(this.state.start,pe
.DeclareClassFieldHasInitializer),super.parseClassProperty(e)}parseClassPrivateProperty(e){return
e.abstract&&this.raise(e.start,pe.PrivateElementHasAbstract),e.accessibility&&this.raise(e.start,pe.PrivateElementH
asAccessibility,e.accessibility),this.parseClassPropertyAnnotation(e),super.parseClassPrivateProperty(e)}pushClass
Method(e,t,r,n,i,s){const
a=this.tsTryParseTypeParameters();a&&i&&this.raise(a.start,pe.ConstructorHasTypeParameters),!t.declare||"get"!=
=t.kind&&"set"!=t.kind||this.raise(t.start,pe.DeclareAccessor,t.kind),a&&(t.typeParameters=a),super.pushClassMet
hod(e,t,r,n,i,s)}pushClassPrivateMethod(e,t,r,n){const
i=this.tsTryParseTypeParameters();i&&(t.typeParameters=i),super.pushClassPrivateMethod(e,t,r,n)}parseClassSupe
r(e){super.parseClassSuper(e),e.superClass&&this.isRelational("<")&&(e.superTypeParameters=this.tsParseTypeA
rguments()),this.eatContextual("implements")&&(e.implements=this.tsParseHeritageClause("implements"))}parseO
bjPropValue(e,...t){const
r=this.tsTryParseTypeParameters();r&&(e.typeParameters=r),super.parseObjPropValue(e,...t)}parseFunctionParams
(e,t){const
r=this.tsTryParseTypeParameters();r&&(e.typeParameters=r),super.parseFunctionParams(e,t)}parseVarId(e,t){super
.parseVarId(e,t),"Identifier"===e.id.type&&this.eat(o.bang)&&(e.definite=!0);const
r=this.tsTryParseTypeAnnotation();r&&(e.id.typeAnnotation=r,this.resetEndLocation(e.id))}parseAsyncArrowFro
mCallExpression(e,t){return
this.match(o.colon)&&(e.returnType=this.tsParseTypeAnnotation()),super.parseAsyncArrowFromCallExpression(e,
t)}parseMaybeAssign(...e){var t,r,n,i,s,a,l;let
c,p,u,d;if(this.hasPlugin("jsx")&&(this.match(o.jsxTagStart)||this.isRelational("<"))){if(c=this.state.clone(),p=this.tr
yParse(=>super.parseMaybeAssign(...e),c),!p.error)return p.node;const{context:t}=this.state;t[t.length-
1]===x.j_oTag?t.length-=2:t[t.length-1]===x.j_expr&&(t.length-
=1)}if(!(null!=(t=p)&&t.error||this.isRelational("<"))return
super.parseMaybeAssign(...e);c=c||this.state.clone();const h=this.tryParse(t=>{var

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r,n;d=this.tsParseTypeParameters();const
i=super.parseMaybeAssign(...e);return("ArrowFunctionExpression"!==i.type||null!=(r=i.extra)&&r.parenthesized)&
&t(),0!==(null==(n=d)?void
0:n.params.length)&&this.resetStartLocationFromNode(i,d),i.typeParameters=d,i},c);if(!h.error&&!h.aborted)return
h.node;if(!p&&(ce(!this.hasPlugin("jsx")),u=this.tryParse(=>super.parseMaybeAssign(...e),c,!u.error))return
u.node;if(null!=(r=p)&&r.node)return this.state=p.failState,p.node;if(h.node)return
this.state=h.failState,h.node;if(null!=(n=u)&&n.node)return
this.state=u.failState,u.node;if(null!=(i=p)&&i.thrown)throw p.error;if(h.thrown)throw
h.error;if(null!=(s=u)&&s.thrown)throw u.error;throw(null==(a=p)?void 0:a.error)||h.error||(null==(l=u)?void
0:l.error)}parseMaybeUnary(e){return!this.hasPlugin("jsx")&&this.isRelational("<")?this.tsParseTypeAssertion():s
uper.parseMaybeUnary(e)}parseArrow(e){if(this.match(o.colon)){const t=this.tryParse(e=>{const
t=this.tsParseTypeOrTypePredicateAnnotation(o.colon);return!this.canInsertSemicolon()&&this.match(o.arrow)||e)
,t});if(t.aborted)return;t.throw||(t.error&&(this.state=t.failState),e.returnType=t.node)}return
super.parseArrow(e)}parseAssignableListItemTypes(e){this.eat(o.question)&&("Identifier"===e.type||this.state.isA
mbientContext||this.state.inType||this.raise(e.start,pe.PatternIsOptional),e.optional=!0);const
t=this.tsTryParseTypeAnnotation();return
t&&(e.typeAnnotation=t),this.resetEndLocation(e),e)toAssignable(e,t=!1){switch(e.type){case"TSTypeCastExpress
ion":return super.toAssignable(this.typeCastToParameter(e),t);case"TSPParameterProperty":return
super.toAssignable(e,t);case"ParenthesizedExpression":return
this.toAssignableParenthesizedExpression(e,t);case"TSAsExpression":case"TSNonNullExpression":case"TSTypeAs
sertion":return e.expression=this.toAssignable(e.expression,t),e;default:return
super.toAssignable(e,t)}toAssignableParenthesizedExpression(e,t){switch(e.expression.type){case"TSAsExpressio
n":case"TSNonNullExpression":case"TSTypeAssertion":case"ParenthesizedExpression":return
e.expression=this.toAssignable(e.expression,t),e;default:return super.toAssignable(e,t)}checkLVal(e,t,...r){var
n;switch(e.type){case"TSTypeCastExpression":return;case"TSPParameterProperty":return void
this.checkLVal(e.parameter,"parameter
property",...r);case"TSAsExpression":case"TSTypeAssertion":if(!r[0]||"parenthesized
expression"===t||null!=(n=e.extra)&&n.parenthesized)}this.raise(e.start,T.InvalidLhs,t);break}return void
this.checkLVal(e.expression,"parenthesized expression",...r);case"TSNonNullExpression":return void
this.checkLVal(e.expression,t,...r);default:return void
super.checkLVal(e,t,...r)}parseBindingAtom(){switch(this.state.type){case o._this:return
this.parseIdentifier(!0);default:return
super.parseBindingAtom()}parseMaybeDecoratorArguments(e){if(this.isRelational("<")){const
t=this.tsParseTypeArguments();if(this.match(o.parenL)){const r=super.parseMaybeDecoratorArguments(e);return
r.typeParameters=t,r}this.unexpected(this.state.start,o.parenL)}return
super.parseMaybeDecoratorArguments(e)}checkCommaAfterRest(e){this.state.isAmbientContext&&this.match(o.c
omma)&&this.lookaheadCharCode()===e?this.next():super.checkCommaAfterRest(e)}isClassMethod(){return
this.isRelational("<")||super.isClassMethod()}isClassProperty(){return
this.match(o.bang)||this.match(o.colon)||super.isClassProperty()}parseMaybeDefault(...e){const
t=super.parseMaybeDefault(...e);return"AssignmentPattern"===t.type&&t.typeAnnotation&&t.right.start<t.typeAn
notation.start&&this.raise(t.typeAnnotation.start,pe.TypeAnnotationAfterAssign,t)getTokenFromCode(e){return!t
his.state.inType||62!==(e&&60!==(e?super.getTokenFromCode(e):this.finishOp(o.relational,1))reScan_It_gt(){if(this
.match(o.relational)){const e=this.input.charCodeAtAt(this.state.start);60!==(e&&62!==(e|(this.state.pos-
=1,this.readToken_It_gt(e)))}}toAssignableList(e){for(let t=0;t<e.length;t++){const
r=e[t];if(r)switch(r.type){case"TSTypeCastExpression":e[t]=this.typeCastToParameter(r);break;case"TSAsExpressi
on":case"TSTypeAssertion":this.state.maybeInArrowParameters?this.raise(r.start,pe.UnexpectedTypeCastInParameter):e[t]=this.typeCastToParameter(r)}return super.toAssignableList(...arguments)}typeCastToParameter(e){return
e.expression.typeAnnotation=e.typeAnnotation,this.resetEndLocation(e.expression,e.typeAnnotation.end,e.typeAnn

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otation.loc.end),e.expression }shouldParseArrow(){return
this.match(o.colon)||super.shouldParseArrow() }shouldParseAsyncArrow(){return
this.match(o.colon)||super.shouldParseAsyncArrow() }canHaveLeadingDecorator(){return
super.canHaveLeadingDecorator()||this.isAbstractClass() }jsxParseOpeningElementAfterName(e){if(this.isRelationa
l("<")){const t=this.tsTryParseAndCatch(=>this.tsParseTypeArguments());t&&(e.typeParameters=t)}return
super.jsxParseOpeningElementAfterName(e) }getterSetterExpectedParamCount(e){const
t=super.getGetterSetterExpectedParamCount(e),r=this.getObjectOrClassMethodParams(e)[0];return
r&&this.isThisParam(r)?t+1:t }parseCatchClauseParam(){const
e=super.parseCatchClauseParam(),t=this.tsTryParseTypeAnnotation();return
t&&(e.typeAnnotation=t,this.resetEndLocation(e)),e }tsInAmbientContext(e){const
t=this.state.isAmbientContext;this.state.isAmbientContext=!0;try {return
e()}finally {this.state.isAmbientContext=t} }parseClass(e,...t){const
r=this.state.inAbstractClass;this.state.inAbstractClass=!e.abstract;try {return
super.parseClass(e,...t)}finally {this.state.inAbstractClass=r} }tsParseAbstractDeclaration(e){if(this.match(o._class))r
eturn e.abstract=!0,this.parseClass(e,!0,!1);if(this.isContextual("interface")){if(!this.hasFollowingLineBreak())return
e.abstract=!0,this.raise(e.start,pe.NonClassMethodPropertyHasAbstractModifier),this.next(),this.tsParseInterfaceDecl
aration(e)}else this.unexpected(null,o._class) }parseMethod(...e){const
t=super.parseMethod(...e);if(t.abstract){if(this.hasPlugin("estree")?!t.value.body:!!t.body){const {key:e}=t;this.raise
(t.start,pe.AbstractMethodHasImplementation,"Identifier"===e.type?e.name:`[${this.input.slice(e.start,e.end)}]`)} }r
eturn t }shouldParseAsAmbientContext(){return!!this.getPluginOption("typescript","dts") }parse(){return
this.shouldParseAsAmbientContext()&&(this.state.isAmbientContext=!0),super.parse() }getExpression(){return
this.shouldParseAsAmbientContext()&&(this.state.isAmbientContext=!0),super.getExpression() }v8intrinsic:e=>cl
ass extends e {parseV8Intrinsic(){if(this.match(o.modulo)){const
e=this.state.start,t=this.startNode();if(this.eat(o.modulo),this.match(o.name)){const
e=this.parseIdentifierName(this.state.start),r=this.createIdentifier(t,e);if(r.type="V8IntrinsicIdentifier",this.match(o
parenL))return r }this.unexpected(e) } }parseExprAtom(){return
this.parseV8Intrinsic()||super.parseExprAtom(...arguments) } },placeholders:e=>class extends
e {parsePlaceholder(e){if(this.match(o.placeholder)){const t=this.startNode();return
this.next(),this.assertNoSpace("Unexpected space in
placeholder."),t.name=super.parseIdentifier(!0),this.assertNoSpace("Unexpected space in
placeholder."),this.expect(o.placeholder),this.finishPlaceholder(t,e) } }finishPlaceholder(e,t){const
r=!(!e.expectedNode||"Placeholder"!==e.type);return
e.expectedNode=t,r?e:this.finishNode(e,"Placeholder") }getTokenFromCode(e){return
37===e&&37===this.input.charCodeAtAt(this.state.pos+1)?this.finishOp(o.placeholder,2):super.getTokenFromCode(
...arguments) }parseExprAtom(){return
this.parsePlaceholder("Expression")||super.parseExprAtom(...arguments) }parseIdentifier(){return
this.parsePlaceholder("Identifier")||super.parseIdentifier(...arguments) }checkReservedWord(e){void
0!==e&&super.checkReservedWord(...arguments) }parseBindingAtom(){return
this.parsePlaceholder("Pattern")||super.parseBindingAtom(...arguments) }checkLVal(e){"Placeholder"!==e.type&&s
uper.checkLVal(...arguments) }toAssignable(e){return
e&&"Placeholder"===e.type&&"Expression"===e.expectedNode?(e.expectedNode="Pattern",e):super.toAssignabl
e(...arguments) }isLet(e){if(super.isLet(e))return!0;if(!this.isContextual("let"))return!1;if(e)return!1;return
this.lookahead().type===o.placeholder }verifyBreakContinue(e){e.label&&"Placeholder"===e.label.type||super.veri
fyBreakContinue(...arguments) }parseExpressionStatement(e,t){if("Placeholder"!==t.type||t.extra&&t.extra.parenthe
sized)return super.parseExpressionStatement(...arguments);if(this.match(o.colon)){const r=e;return
r.label=this.finishPlaceholder(t,"Identifier"),this.next(),r.body=this.parseStatement("label"),this.finishNode(r,"Label
edStatement")}return this.semicolon(),e.name=t.name,this.finishPlaceholder(e,"Statement") }parseBlock(){return
this.parsePlaceholder("BlockStatement")||super.parseBlock(...arguments) }parseFunctionId(){return

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this.parsePlaceholder("Identifier")||super.parseFunctionId(...arguments)}parseClass(e,t,r){const
n=t?"ClassDeclaration":"ClassExpression";this.next(),this.takeDecorators(e);const
i=this.state.strict,s=this.parsePlaceholder("Identifier");if(s)if(this.match(o._extends)||this.match(o.placeholder)||this.
match(o.braceL))e.id=s;else{if(r||!t)return
e.id=null,e.body=this.finishPlaceholder(s,"ClassBody"),this.finishNode(e,n);this.unexpected(null,de.ClassNameIsRequired)}else this.parseClassId(e,t,r);return
this.parseClassSuper(e),e.body=this.parsePlaceholder("ClassBody")||this.parseClassBody(!e.superClass,i),this.finishNode(e,n)}parseExport(e){const t=this.parsePlaceholder("Identifier");if(!t)return
super.parseExport(...arguments);if(!this.isContextual("from")&&!this.match(o.comma))return
e.specifiers=[],e.source=null,e.declaration=this.finishPlaceholder(t,"Declaration"),this.finishNode(e,"ExportNamed
Declaration");this.expectPlugin("exportDefaultFrom");const r=this.startNode();return
r.exported=t,e.specifiers=[this.finishNode(r,"ExportDefaultSpecifier"),super.parseExport(e)]isExportDefaultSpecifier()
{if(this.match(o._default))}const
e=this.nextTokenStart();if(this.isUnparsedContextual(e,"from")&&this.input.startsWith(o.placeholder.label,this.next
TokenStartSince(e+4)))return!0}return
super.isExportDefaultSpecifier()maybeParseExportDefaultSpecifier(e){return!!(e.specifiers&&e.specifiers.length>
0)||super.maybeParseExportDefaultSpecifier(...arguments)}checkExport(e){const{specifiers:t}=e,null!=t&&t.length
&&(e.specifiers=t.filter(e=>"Placeholder"===e.exported.type)),super.checkExport(e),e.specifiers=t}parseImport(e){
const t=this.parsePlaceholder("Identifier");if(!t)return
super.parseImport(...arguments);if(e.specifiers=[],!this.isContextual("from")&&!this.match(o.comma))return
e.source=this.finishPlaceholder(t,"StringLiteral"),this.semicolon(),this.finishNode(e,"ImportDeclaration");const
r=this.startNodeAtNode(t);if(r.local=t,this.finishNode(r,"ImportDefaultSpecifier"),e.specifiers.push(r),this.eat(o.comma))
{this.maybeParseStarImportSpecifier(e)||this.parseNamedImportSpecifiers(e)}return
this.expectContextual("from"),e.source=this.parseImportSource(),this.semicolon(),this.finishNode(e,"ImportDeclara
tion")}parseImportSource(){return
this.parsePlaceholder("StringLiteral")||super.parseImportSource(...arguments)}}},be=Object.keys(Te),ge={sourceTy
pe:"script",sourceFilename:void
0,startLine:1,allowAwaitOutsideFunction:!1,allowReturnOutsideFunction:!1,allowImportExportEverywhere:!1,allo
wSuperOutsideMethod:!1,allowUndeclaredExports:!1,plugins:[],strictMode:null,ranges:!1,tokens:!1,createParenthes
izedExpressions:!1,errorRecovery:!1};class Se{constructor(){this.strict=void 0,this.curLine=void
0,this.startLoc=void 0,this.endLoc=void 0,this.errors=[],this.potentialArrowAt=-
1,this.noArrowAt=[],this.noArrowParamsConversionAt=[],this.maybeInArrowParameters=!1,this.inPipeline=!1,this
.inType=!1,this.noAnonFunctionType=!1,this.inPropertyName=!1,this.hasFlowComment=!1,this.isAmbientContext
=!1,this.inAbstractClass=!1,this.topicContext={maxNumOfResolvableTopics:0,maxTopicIndex:null},this.soloAwait
=!1,this.inFSharpPipelineDirectBody=!1,this.labels=[],this.decoratorStack=[[]],this.comments=[],this.trailingCom
ments=[],this.leadingComments=[],this.commentStack=[],this.commentPreviousNode=null,this.pos=0,this.lineStart
=0,this.type=o.eof,this.value=null,this.start=0,this.end=0,this.lastTokEndLoc=null,this.lastTokStartLoc=null,this.las
tTokStart=0,this.lastTokEnd=0,this.context=[x.braceStatement],this.exprAllowed=!0,this.containsEsc=!1,this.strictEr
rors=new
Map,this.exportedIdentifiers=[],this.tokensLength=0}init(e){this.strict=!1!==e.strictMode&&"module"===e.source
Type,this.curLine=e.startLine,this.startLoc=this.endLoc=this.curPosition()}curPosition(){return new
h(this.curLine,this.pos-this.lineStart)}clone(e){const t=new Se,r=Object.keys(this);for(let
n=0,i=r.length;n<i;n++){const i=r[n];let s=this[i];!e&&Array.isArray(s)&&(s=s.slice()),t[i]=s}return t}}var
xe=function(e){return e>=48&&e<=57};const Ee=new
Set(["g","m","s","i","y","u"]),Pe={decBinOct:[46,66,69,79,95,98,101,111],hex:[46,88,95,120]},ve={bin:[48,49]};ve
.oct=[...ve.bin,50,51,52,53,54,55],ve.dec=[...ve.oct,56,57],ve.hex=[...ve.dec,65,66,67,68,69,70,97,98,99,100,101,102
];class Ae{constructor(e){this.type=e.type,this.value=e.value,this.start=e.start,this.end=e.end,this.loc=new
f(e.startLoc,e.endLoc)}}class we{constructor(){this.privateNames=new Set,this.loneAccessors=new

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Map,this.undefinedPrivateNames=new Map} }class
Oe{ constructor(e){ this.stack=[],this.undefinedPrivateNames=new Map,this.raise=e }current(){ return
this.stack[this.stack.length-1] }enter(){ this.stack.push(new we) }exit(){ const
e=this.stack.pop(),t=this.current();for(const[r,n]of
Array.from(e.undefinedPrivateNames))t?t.undefinedPrivateNames.has(r)||t.undefinedPrivateNames.set(r,n):this.raise
(n,T.InvalidPrivateFieldResolution,r) }declarePrivateName(e,t,r){ const n=this.current();let
i=n.privateNames.has(e);if(3&t){ const r=i&&n.loneAccessors.get(e);if(r){ const
s=4&r,a=4&t;i=(3&r)===(3&t)||s!==a,i||n.loneAccessors.delete(e) }else
i||n.loneAccessors.set(e,t) }i&&this.raise(r,T.PrivateNameRedeclaration,e),n.privateNames.add(e),n.undefinedPrivat
eNames.delete(e) }usePrivateName(e,t){ let r;for(r of
this.stack)if(r.privateNames.has(e))return;r?r.undefinedPrivateNames.set(e,t):this.raise(t,T.InvalidPrivateFieldResol
ution,e) } }class Ie{ constructor(e=0){ this.type=void 0,this.type=e }canBeArrowParameterDeclaration(){ return
2===this.type||1===this.type }isCertainlyParameterDeclaration(){ return 3===this.type } }class Ce extends
Ie{ constructor(e){ super(e),this.errors=new
Map }recordDeclarationError(e,t){ this.errors.set(e,t) }clearDeclarationError(e){ this.errors.delete(e) }iterateErrors(e){ t
his.errors.forEach(e) } }class Ne{ constructor(e){ this.stack=[new
Ie],this.raise=e }enter(e){ this.stack.push(e) }exit(){ this.stack.pop() }recordParameterInitializerError(e,t){ const{ stack:r
}=this;let n=r.length-
1,i=r[n];for(;!i.isCertainlyParameterDeclaration();){ if(!i.canBeArrowParameterDeclaration())return;i.recordDeclarat
ionError(e,t),i=r[--n] }this.raise(e,t) }recordParenthesizedIdentifierError(e,t){ const{ stack:r }=this,n=r[r.length-
1];if(n.isCertainlyParameterDeclaration())this.raise(e,t);else{ if(!n.canBeArrowParameterDeclaration())return;n.recor
dDeclarationError(e,t) } }recordAsyncArrowParametersError(e,t){ const{ stack:r }=this;let n=r.length-
1,i=r[n];for(;i.canBeArrowParameterDeclaration();)2===i.type&&i.recordDeclarationError(e,t),i=r[--
n] }validateAsPattern(){ const{ stack:e }=this,t=e[e.length-
1];t.canBeArrowParameterDeclaration()&&t.iterateErrors((t,r)=>{ this.raise(r,t);let n=e.length-
2,i=e[n];for(;i.canBeArrowParameterDeclaration();i.clearDeclarationError(r),i=e[--n] ) } ) }function ke(){ return new
Ie }class De{ constructor(){ this.shorthandAssign=-1,this.doubleProto=-1 } }class _e{ constructor(e,t,r){ this.type=void
0,this.start=void 0,this.end=void 0,this.loc=void 0,this.range=void 0,this.leadingComments=void
0,this.trailingComments=void 0,this.innerComments=void 0,this.extra=void
0,this.type="",this.start=t,this.end=0,this.loc=new
f(r),null!=e&&e.options.ranges&&(this.range=[t,0]),null!=e&&e.filename&&(this.loc.filename=e.filename) }__clon
e(){ const e=new _e,t=Object.keys(this);for(let r=0,n=t.length;r<n;r++){ const
n=t[r];"leadingComments"!==n&&"trailingComments"!==n&&"innerComments"!==n&&(e[n]=this[n]) }return
e } }const Le=e=>"ParenthesizedExpression"===e.type?Le(e.expression):e;const
Me={ kind:"loop" },je={ kind:"switch" },Fe=/[\uD800-\uFFFF]/u;class Re extends class extends class extends class
extends class extends class extends class extends class extends class extends class extends class extends class
class{ constructor(){ this.sawUnambiguousESM=!1,this.ambiguousScriptDifferentAst=!1 }hasPlugin(e){ return
this.plugins.has(e) }getPluginOption(e,t){ if(this.hasPlugin(e))return
this.plugins.get(e)[t] } }addComment(e){ this.filename&&(e.loc.filename=this.filename),this.state.trailingComments
.push(e),this.state.leadingComments.push(e) }adjustCommentsAfterTrailingComma(e,t,r){ if(0===this.state.leadingC
omments.length)return;let n=null,i=t.length;for(;null===n&&i>0;n=t[--i];if(null===n)return;for(let
e=0;e<this.state.leadingComments.length;e++)this.state.leadingComments[e].end<this.state.commentPreviousNode.
end&&(this.state.leadingComments.splice(e,1),e--);const s=[];for(let
t=0;t<this.state.leadingComments.length;t++){ const
n=this.state.leadingComments[t];n.end<e.end?(s.push(n),r||(this.state.leadingComments.splice(t,1),t--):(void
0===e.trailingComments&&(e.trailingComments=[]),e.trailingComments.push(n)) }r&&(this.state.leadingComment
s=[]),s.length>0?n.trailingComments=s:void
0!:=n.trailingComments&&(n.trailingComments=[]) }processComment(e){ if("Program"===e.type&&e.body.length

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>0)return;const t=this.state.commentStack;let
r,n,i,s,a;if(this.state.trailingComments.length>0)this.state.trailingComments[0].start>=e.end?(i=this.state.trailingComments,this.state.trailingComments=[]):this.state.trailingComments.length=0;else if(t.length>0){const
r=m(t);r.trailingComments&&r.trailingComments[0].start>=e.end&&(i=r.trailingComments,delete
r.trailingComments)}for(t.length>0&&m(t).start>=e.start&&(r=t.pop());t.length>0&&m(t).start>=e.start;n=t.pop();
if(!n&&r&&(n=r),r)switch(e.type){case"ObjectExpression":this.adjustCommentsAfterTrailingComma(e,e.properties);break;case"ObjectPattern":this.adjustCommentsAfterTrailingComma(e,e.properties,!0);break;case"CallExpression":this.adjustCommentsAfterTrailingComma(e,e.arguments);break;case"ArrayExpression":this.adjustCommentsAfterTrailingComma(e,e.elements);break;case"ArrayPattern":this.adjustCommentsAfterTrailingComma(e,e.elements,!
0)}else
this.state.commentPreviousNode&&("ImportSpecifier"===this.state.commentPreviousNode.type&&"ImportSpecifier"!==e.type||"ExportSpecifier"===this.state.commentPreviousNode.type&&"ExportSpecifier"!==e.type)&&this.adjustCommentsAfterTrailingComma(e,[this.state.commentPreviousNode]);if(n){if(n.leadingComments)if(n!==e&&n
.leadingComments.length>0&&m(n.leadingComments).end<=e.start)e.leadingComments=n.leadingComments,delete
n.leadingComments;else for(s=n.leadingComments.length-2;s>=0;--
s)if(n.leadingComments[s].end<=e.start){e.leadingComments=n.leadingComments.splice(0,s+1);break}}else
if(this.state.leadingComments.length>0)if(m(this.state.leadingComments).end<=e.start){if(this.state.commentPreviousNode)for(a=0;a<this.state.leadingComments.length;a++)this.state.leadingComments[a].end<this.state.commentPreviousNode.end&&(this.state.leadingComments.splice(a,1),a--
);this.state.leadingComments.length>0&&(e.leadingComments=this.state.leadingComments,this.state.leadingComments=[])}else{for(s=0;s<this.state.leadingComments.length&&!(this.state.leadingComments[s].end>e.start);s++);const
t=this.state.leadingComments.slice(0,s);t.length&&(e.leadingComments=t),i=this.state.leadingComments.slice(s,0===i.length&&(i=null))}if(this.state.commentPreviousNode=e,i)if(i.length&&i[0].start>=e.start&&m(i).end<=e.end)e
.innerComments=i;else{const
t=i.findIndex(t=>t.end>=e.end);t>0?(e.innerComments=i.slice(0,t),e.trailingComments=i.slice(t)):e.trailingComments=i}t.push(e)}{getLocationForPosition(e){let t;return
t=e===this.state.start?this.state.startLoc:e===this.state.lastTokStart?this.state.lastTokStartLoc:e===this.state.end?this.state.endLoc:e===this.state.lastTokEnd?this.state.lastTokEndLoc:function(e,t){let
r,n=1,i=0;for(c.lastIndex=0;(r=c.exec(e))&&r.index<t;)n++,i=c.lastIndex;return new h(n,t-
i)}(this.input,e),t)raise(e,{code:t,reasonCode:r,template:n},...i){return
this.raiseWithData(e,{code:t,reasonCode:r},n,...i)}raiseOverwrite(e,{code:t,template:r},...n){const
i=this.getLocationForPosition(e),s=r.replace(/%(\d+)/g,(e,t)=>n[t]+`
(${i.line}:${i.column})`);if(this.options.errorRecovery){const t=this.state.errors;for(let r=t.length-1;r>=0;r--){const
n=t[r];if(n.pos===e)return Object.assign(n,{message:s});if(n.pos<e)break}}return
this._raise({code:t,loc:i,pos:e},s)}raiseWithData(e,t,r,...n){const
i=this.getLocationForPosition(e),s=r.replace(/%(\d+)/g,(e,t)=>n[t]+`
(${i.line}:${i.column})`);return
this._raise(Object.assign({loc:i,pos:e},t),s)}_raise(e,t){const r=new
SyntaxError(t);if(Object.assign(r,e),this.options.errorRecovery)return
this.isLookahead||this.state.errors.push(r,r);throw r}}{constructor(e,t){super(),this.isLookahead=void
0,this.tokens=[],this.state=new
Se,this.state.init(e),this.input=t,this.length=t.length,this.isLookahead=!1}pushToken(e){this.tokens.length=this.state
.tokensLength,this.tokens.push(e),++this.state.tokensLength}next(){this.isLookahead||(this.checkKeywordEscapes(),
this.options.tokens&&this.pushToken(new
Ae(this.state))),this.state.lastTokEnd=this.state.end,this.state.lastTokStart=this.state.start,this.state.lastTokEndLoc=this.state.endLoc,this.state.lastTokStartLoc=this.state.startLoc,this.nextToken()}eat(e){return!!this.match(e)&&(this
.next(),!0)}match(e){return this.state.type===e}lookahead(){const
e=this.state;this.state=e.clone(!0),this.isLookahead=!0,this.next(),this.isLookahead=!1;const t=this.state;return

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this.state=e,t)nextTokenStart(){return this.nextTokenStartSince(this.state.pos)}nextTokenStartSince(e){return
u.lastIndex=e,e+u.exec(this.input)[0].length}lookaheadCharCode(){return
this.input.charCodeAtAt(this.nextTokenStart())}codePointAtPos(e){let
t=this.input.charCodeAtAt(e);if(55296==(64512&t)&&+e<this.input.length){const
r=this.input.charCodeAtAt(e);56320==(64512&r)&&(t=65536+((1023&t)<<10)+(1023&r))}return
t}setStrict(e){this.state.strict=e,e&&(this.state.strictErrors.forEach((e,t)=>this.raise(t,e)),this.state.strictErrors.clear()
)}curContext(){return this.state.context[this.state.context.length-1]}nextToken(){const
e=this.curContext();if(null!=e&&e.preserveSpace||this.skipSpace(),this.state.start=this.state.pos,this.state.startLoc=t
his.state.curPosition(),this.state.pos>=this.length)return void this.finishToken(o.eof);const t=null==e?void
0:e.override;t?(this):this.getTokenFromCode(this.codePointAtPos(this.state.pos))}pushComment(e,t,r,n,i,s){const
a={type:e?"CommentBlock":"CommentLine",value:t,start:r,end:n,loc:new
f(i,s)};this.options.tokens&&this.pushToken(a),this.state.comments.push(a),this.addComment(a)}skipBlockComme
nt(){const e=this.state.curPosition(),t=this.state.pos,r=this.input.indexOf("*/",this.state.pos+2);if(-1===r)throw
this.raise(t,T.UnderminatedComment);let
n;for(this.state.pos=r+2,c.lastIndex=t;(n=c.exec(this.input))&&n.index<this.state.pos;)+this.state.curLine,this.state.
lineStart=n.index+n[0].length;this.isLookahead||this.pushComment(!0,this.input.slice(t+2,r),t,this.state.pos,e,this.stat
e.curPosition())}skipLineComment(e){const t=this.state.pos,r=this.state.curPosition();let
n=this.input.charCodeAtAt(this.state.pos+e);if(this.state.pos<this.length)for(;!p(n)&&+this.state.pos<this.length;n
=this.input.charCodeAtAt(this.state.pos);this.isLookahead||this.pushComment(!1,this.input.slice(t+e,this.state.pos),t,thi
s.state.pos,r,this.state.curPosition()))}skipSpace(){e:for(;this.state.pos<this.length;){const
e=this.input.charCodeAtAt(this.state.pos);switch(e){case 32:case 160:case 9:++this.state.pos;break;case
13:10===this.input.charCodeAtAt(this.state.pos+1)&&+this.state.pos;case 10:case 8232:case
8233:++this.state.pos,++this.state.curLine,this.state.lineStart=this.state.pos;break;case
47:switch(this.input.charCodeAtAt(this.state.pos+1)){case 42:this.skipBlockComment();break;case
47:this.skipLineComment(2);break;default:break e}break;default:if(!d(e))break
e;+this.state.pos}}finishToken(e,t){this.state.end=this.state.pos,this.state.endLoc=this.state.curPosition();const
r=this.state.type;this.state.type=e,this.state.value=t,this.isLookahead||this.updateContext(r)}readToken_numberSign(
){if(0===this.state.pos&&this.readToken_interpreter())return;const
e=this.state.pos+1,t=this.codePointAtPos(e);if(t>=48&&t<=57)throw
this.raise(this.state.pos,T.UnexpectedDigitAfterHash);if(123===t||91===t&&this.hasPlugin("recordAndTuple")){if(
this.expectPlugin("recordAndTuple"),"hash"!==this.getPluginOption("recordAndTuple","syntaxType"))throw
this.raise(this.state.pos,123===t?T.RecordExpressionHashIncorrectStartSyntaxType:T.TupleExpressionHashIncorre
ctStartSyntaxType);123===t?this.finishToken(o.braceHashL):this.finishToken(o.bracketHashL),this.state.pos+=2}e
lse
C(t)?(++this.state.pos,this.finishToken(o.privateName,this.readWord1(t))):92===t?(++this.state.pos,this.finishToker
n(o.privateName,this.readWord1())):this.finishOp(o.hash,1)}readToken_dot(){const
e=this.input.charCodeAtAt(this.state.pos+1);e>=48&&e<=57?this.readNumber(!0):46===e&&46===this.input.charC
odeAt(this.state.pos+2)?(this.state.pos+=3,this.finishToken(o.ellipsis)):(++this.state.pos,this.finishToken(o.dot))}rea
dToken_slash(){if(this.state.exprAllowed&&!this.state.inType)return++this.state.pos,void
this.readRegexp();61===this.input.charCodeAtAt(this.state.pos+1)?this.finishOp(o.assign,2):this.finishOp(o.slash,1)}r
eadToken_interpreter(){if(0===this.state.pos||this.length<2)return!1;let
e=this.input.charCodeAtAt(this.state.pos+1);if(33===e)return!1;const
t=this.state.pos;for(this.state.pos+=1;!p(e)&&+this.state.pos<this.length;)e=this.input.charCodeAtAt(this.state.pos);c
onst r=this.input.slice(t+2,this.state.pos);return
this.finishToken(o.interpreterDirective,r,!0)}readToken_mult_modulo(e){let
t=42===e?o.star:o.modulo,r=1,n=this.input.charCodeAtAt(this.state.pos+1);const
i=this.state.exprAllowed;42===e&&42===n&&(r++,n=this.input.charCodeAtAt(this.state.pos+2),t=o.exponent),61!=
=n||i||(r++,t=o.assign),this.finishOp(t,r)}readToken_pipe_amp(e){const

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t=this.input.charCodeAt(this.state.pos+1);if(t!==e){if(124===e){if(62===t)return void
this.finishOp(o.pipeline,2);if(this.hasPlugin("recordAndTuple")&&125===t){if("bar"!==this.getPluginOption("reco
rdAndTuple","syntaxType"))throw this.raise(this.state.pos,T.RecordExpressionBarIncorrectEndSyntaxType);return
void
this.finishOp(o.braceBarR,2)}if(this.hasPlugin("recordAndTuple")&&93===t){if("bar"!==this.getPluginOption("re
cordAndTuple","syntaxType"))throw this.raise(this.state.pos,T.TupleExpressionBarIncorrectEndSyntaxType);return
void
this.finishOp(o.bracketBarR,2)}61!==t?this.finishOp(124===e?o.bitwiseOR:o.bitwiseAND,1):this.finishOp(o.assi
gn,2)}else
61===this.input.charCodeAt(this.state.pos+2)?this.finishOp(o.assign,3):this.finishOp(124===e?o.logicalOR:o.logic
alAND,2)}readToken_caret(){61===this.input.charCodeAt(this.state.pos+1)?this.finishOp(o.assign,2):this.finishOp
(o.bitwiseXOR,1)}readToken_plus_min(e){const t=this.input.charCodeAt(this.state.pos+1);if(t===e)return
45!==t||this.inModule||62!==this.input.charCodeAt(this.state.pos+2)||0!==this.state.lastTokEnd&&!this.hasPrecedin
gLineBreak()?void this.finishOp(o.incDec,2):(this.skipLineComment(3),this.skipSpace(),void
this.nextToken());61===t?this.finishOp(o.assign,2):this.finishOp(o.plusMin,1)}readToken_lt_gt(e){const
t=this.input.charCodeAt(this.state.pos+1);let r=1;return
t===e?(r=62===e&&62===this.input.charCodeAt(this.state.pos+2)?3:2,61===this.input.charCodeAt(this.state.pos+
r)?void this.finishOp(o.assign,r+1):void
this.finishOp(o.bitShift,r)):33!==t||60!==e||this.inModule||45!==this.input.charCodeAt(this.state.pos+2)||45!==this.in
put.charCodeAt(this.state.pos+3)?(61===t&&(r=2),void
this.finishOp(o.relational,r):(this.skipLineComment(4),this.skipSpace(),void
this.nextToken()))readToken_eq_excl(e){const t=this.input.charCodeAt(this.state.pos+1);if(61!==t)return
61===e&&62===t?(this.state.pos+=2,void this.finishToken(o.arrow)):void
this.finishOp(61===e?o.eq:o.bang,1);this.finishOp(o.equality,61===this.input.charCodeAt(this.state.pos+2)?3:2)}re
adToken_question(){const
e=this.input.charCodeAt(this.state.pos+1),t=this.input.charCodeAt(this.state.pos+2);63===e?61===t?this.finishOp(
o.assign,3):this.finishOp(o.nullishCoalescing,2):46!==e||t>=48&&t<=57?(++this.state.pos,this.finishToken(o.questi
on)):this.state.pos+=2,this.finishToken(o.questionDot)}getTokenFromCode(e){switch(e){case 46:return void
this.readToken_dot();case 40:return++this.state.pos,void this.finishToken(o.parenL);case
41:return++this.state.pos,void this.finishToken(o.parenR);case 59:return++this.state.pos,void
this.finishToken(o.semi);case 44:return++this.state.pos,void this.finishToken(o.comma);case
91:if(this.hasPlugin("recordAndTuple")&&124===this.input.charCodeAt(this.state.pos+1)){if("bar"!==this.getPlugi
nOption("recordAndTuple","syntaxType"))throw
this.raise(this.state.pos,T.TupleExpressionBarIncorrectStartSyntaxType);this.finishToken(o.bracketBarL),this.state.
pos+=2}else++this.state.pos,this.finishToken(o.bracketL);return;case 93:return++this.state.pos,void
this.finishToken(o.bracketR);case
123:if(this.hasPlugin("recordAndTuple")&&124===this.input.charCodeAt(this.state.pos+1)){if("bar"!==this.getPlugi
nOption("recordAndTuple","syntaxType"))throw
this.raise(this.state.pos,T.RecordExpressionBarIncorrectStartSyntaxType);this.finishToken(o.braceBarL),this.state.p
os+=2}else++this.state.pos,this.finishToken(o.braceL);return;case 125:return++this.state.pos,void
this.finishToken(o.braceR);case 58:return
void(this.hasPlugin("functionBind")&&58===this.input.charCodeAt(this.state.pos+1)?this.finishOp(o.doubleColon,
2):(++this.state.pos,this.finishToken(o.colon)));case 63:return void this.readToken_question();case
96:return++this.state.pos,void this.finishToken(o.backQuote);case 48:{const
e=this.input.charCodeAt(this.state.pos+1);if(120===e||88===e)return void
this.readRadixNumber(16);if(111===e||79===e)return void this.readRadixNumber(8);if(98===e||66===e)return
void this.readRadixNumber(2)}case 49:case 50:case 51:case 52:case 53:case 54:case 55:case 56:case 57:return void
this.readNumber(!1);case 34:case 39:return void this.readString(e);case 47:return void this.readToken_slash();case

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37:case 42:return void this.readToken_mult_modulo(e);case 124:case 38:return void
this.readToken_pipe_amp(e);case 94:return void this.readToken_caret();case 43:case 45:return void
this.readToken_plus_min(e);case 60:case 62:return void this.readToken_lt_gt(e);case 61:case 33:return void
this.readToken_eq_excl(e);case 126:return void this.finishOp(o.tilde,1);case 64:return++this.state.pos,void
this.finishToken(o.at);case 35:return void this.readToken_numberSign();case 92:return void
this.readWord();default:if(C(e))return void this.readWord(e)}throw
this.raise(this.state.pos,T.InvalidOrUnexpectedToken,String.fromCodePoint(e))}finishOp(e,t){const
r=this.input.slice(this.state.pos,this.state.pos+t);this.state.pos+=t,this.finishToken(e,r)}readRegExp(){const
e=this.state.pos;let t,r;for(;;){if(this.state.pos>=this.length)throw this.raise(e,T.UnterminatedRegExp);const
n=this.input.charAt(this.state.pos);if(l.test(n))throw
this.raise(e,T.UnterminatedRegExp);if(t)!1;else if("[====n)r=!0;else if("[====n&&r)!1;else
if("/====n&&!r)break;t="\\\\"====n}++this.state.pos}const n=this.input.slice(e,this.state.pos);++this.state.pos;let
i="";for(;this.state.pos<this.length;){const
e=this.input[this.state.pos],t=this.codePointAtPos(this.state.pos);if(Ee.has(e))i.indexOf(e)>-
1&&this.raise(this.state.pos+1,T.DuplicateRegExpFlags);else if(!N(t)&&92!==(t))break;this.raise(this.state.pos+1,T.
MalformedRegExpFlags)}++this.state.pos,i+=e}this.finishToken(o.regexp,{pattern:n,flags:i})}readInt(e,t,r,n=!0){c
onst i=this.state.pos,s=16===e?Pe.hex:Pe.decBinOct,a=16===e?ve.hex:10===e?ve.dec:8===e?ve.oct:ve.bin;let
o=!1,l=0;for(let i=0,c=null==t?1/0:t;i<c;++i){const t=this.input.charCodeAtAt(this.state.pos);let
c;if(95!==(t)){if(c>=97?t-97+10:t>=65?t-65+10:xe(t)?t-
48:1/0,c>=e)if(this.options.errorRecovery&&c<=9)c=0,this.raise(this.state.start+i+2,T.InvalidDigit,e);else if(!r)bre
ak;c=0,o=!0}++this.state.pos,l=1*e+c}else{const e=this.input.charCodeAtAt(this.state.pos-
1),t=this.input.charCodeAtAt(this.state.pos+1);(-1===a.indexOf(t)||s.indexOf(e)>-1||s.indexOf(t)>-
1||Number.isNaN(t))&&this.raise(this.state.pos,T.UnexpectedNumericSeparator,n)||this.raise(this.state.pos,T.Numer
icSeparatorInEscapeSequence),++this.state.pos} }return this.state.pos===i||null!=t&&this.state.pos-
i!==(t||o?null:l)}readRadixNumber(e){const t=this.state.pos;let r=!1;this.state.pos+=2;const
n=this.readInt(e);null==n&&this.raise(this.state.start+2,T.InvalidDigit,e);const
i=this.input.charCodeAtAt(this.state.pos);if(110===i)++this.state.pos,r=!0;else if(109===i)throw
this.raise(t,T.InvalidDecimal);if(C(this.codePointAtPos(this.state.pos)))throw
this.raise(this.state.pos,T.NumberIdentifier);if(r){const
e=this.input.slice(t,this.state.pos).replace(/[_n]/g,"");this.finishToken(o.bigint,e)}else
this.finishToken(o.num,n)}readNumber(e){const t=this.state.pos;let
r=!1,n=!1,i=!1,s=!1,a=!1,e||null!==(this.readInt(10)||this.raise(t,T.InvalidNumber));const l=this.state.pos-
t>=2&&48===this.input.charCodeAtAt(t);if(l){const
e=this.input.slice(t,this.state.pos);if(this.recordStrictModeErrors(t,T.StrictOctalLiteral,!this.state.strict){const
r=e.indexOf("_");r>0&&this.raise(r+t,T.ZeroDigitNumericSeparator)}a=l&&!/89]/.test(e)}let
c=this.input.charCodeAtAt(this.state.pos);if(46!==(c)||(++this.state.pos,this.readInt(10),r=!0,c=this.input.charCodeAtAt(
his.state.pos)),69!==(c)&&101!==(c)||a||(c=this.input.charCodeAtAt(++this.state.pos),43!==(c)&&45!==(c)||++this.state.pos,
null===this.readInt(10)&&this.raise(t,T.InvalidOrMissingExponent),r=!0,s=!0,c=this.input.charCodeAtAt(this.state.po
s)),110===c&&((r||l)&&this.raise(t,T.InvalidBigIntLiteral),++this.state.pos,n=!0),109===c&&(this.expectPlugin("d
ecimal",this.state.pos),(s||l)&&this.raise(t,T.InvalidDecimal),++this.state.pos,i=!0),C(this.codePointAtPos(this.state.
pos)))throw this.raise(this.state.pos,T.NumberIdentifier);const
p=this.input.slice(t,this.state.pos).replace(/[_mn]/g,"");if(n)return void this.finishToken(o.bigint,p);if(i)return void
this.finishToken(o.decimal,p);const
u=a?parseInt(p,8):parseFloat(p);this.finishToken(o.num,u)}readCodePoint(e){let
t;if(123===this.input.charCodeAtAt(this.state.pos)){const
r=++this.state.pos;if(t=this.readHexChar(this.input.indexOf(")",this.state.pos)-
this.state.pos,!0,e),++this.state.pos,null!==(t&&t>1114111){if(!e)return null;this.raise(r,T.InvalidCodePoint)}}else
t=this.readHexChar(4,!1,e);return t}readString(e){let

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t="",r=++this.state.pos;for(;;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,T.UnterminatedString);const
n=this.input.charCodeAt(this.state.pos);if(n===e)break;if(92===n)t+=this.input.slice(r,this.state.pos),t+=this.readEsc
apedChar(!1),r=this.state.pos;else
if(8232===n||8233===n)++this.state.pos,++this.state.curLine,this.state.lineStart=this.state.pos;else{if(p(n))throw
this.raise(this.state.start,T.UnterminatedString);++this.state.pos } t+=this.input.slice(r,this.state.pos++),this.finishTo
ken(o.string,t)}readTplToken(){let e="",t=this.state.pos,r=!1;for(;;){if(this.state.pos>=this.length)throw
this.raise(this.state.start,T.UnterminatedTemplate);const
n=this.input.charCodeAt(this.state.pos);if(96===n||36===n&&123===this.input.charCodeAt(this.state.pos+1))retur
n this.state.pos===this.state.start&&this.match(o.template)?36===n?(this.state.pos+=2,void
this.finishToken(o.dollarBraceL)):(++this.state.pos,void
this.finishToken(o.backQuote)):(e+=this.input.slice(t,this.state.pos),void
this.finishToken(o.template,r?null:e));if(92===n){e+=this.input.slice(t,this.state.pos);const
n=this.readEscapedChar(!0);null===n?r=!0:e+=n,t=this.state.pos }else
if(p(n)){switch(e+=this.input.slice(t,this.state.pos),++this.state.pos,n){case
13:10===this.input.charCodeAt(this.state.pos)&&++this.state.pos;case
10:e+="\n";break;default:e+=String.fromCharCode(n)}++this.state.curLine,this.state.lineStart=this.state.pos,t=this
.state.pos }else++this.state.pos } }recordStrictModeErrors(e,t){this.state.strict&&!this.state.strictErrors.has(e)?this.raise
e(e,t):this.state.strictErrors.set(e,t)}readEscapedChar(e){const
t=!e,r=this.input.charCodeAt(++this.state.pos);switch(++this.state.pos,r){case 110:return"\n";case
114:return"\r";case 120:{const e=this.readHexChar(2,!1,t);return null===e?null:String.fromCharCode(e)}case
117:{const e=this.readCodePoint(t);return null===e?null:String.fromCodePoint(e)}case 116:return"\t";case
98:return"\b";case 118:return"\v";case 102:return"\f";case
13:10===this.input.charCodeAt(this.state.pos)&&++this.state.pos;case
10:this.state.lineStart=this.state.pos,++this.state.curLine;case 8232:case 8233:return"";case 56:case 57:if(e)return
null;this.recordStrictModeErrors(this.state.pos-1,T.StrictNumericEscape);default:if(r>=48&&r<=55){const
t=this.state.pos-1;let r=this.input.substr(this.state.pos-1,3).match(/^[0-
7]+/)[0],n=parseInt(r,8);n>255&&(r=r.slice(0,-1),n=parseInt(r,8)),this.state.pos+=r.length-1;const
i=this.input.charCodeAt(this.state.pos);if("0"!==(r||56===i||57===i)){if(e)return
null;this.recordStrictModeErrors(t,T.StrictNumericEscape)}return String.fromCharCode(n)}return
String.fromCharCode(r)}readHexChar(e,t,r){const n=this.state.pos,i=this.readInt(16,e,t,!1);return
null===i&&(r?this.raise(n,T.InvalidEscapeSequence):this.state.pos=n-
1),i}readWord1(e){this.state.containsEsc=!1;let t="";const r=this.state.pos;let n=this.state.pos;for(void
0!==e&&(this.state.pos+=e<=65535?1:2);this.state.pos<this.length;){const
e=this.codePointAtPos(this.state.pos);if(N(e))this.state.pos+=e<=65535?1:2;else{if(92===e)break;{this.state.contain
sEsc=!0,t+=this.input.slice(n,this.state.pos);const
e=this.state.pos,i=this.state.pos===r?C:N;if(117!==this.input.charCodeAt(++this.state.pos)){this.raise(this.state.pos,
T.MissingUnicodeEscape),n=this.state.pos-1;continue }++this.state.pos;const
s=this.readCodePoint(!0);null!==s&&(i(s)||this.raise(e,T.EscapedCharNotAnIdentifier),t+=String.fromCodePoint(s)
),n=this.state.pos } }return t+this.input.slice(n,this.state.pos)}readWord(e){const
t=this.readWord1(e),r=i.get(t)||o.name;this.finishToken(r,t)}checkKeywordEscapes(){const
e=this.state.type.keyword;e&&this.state.containsEsc&&this.raise(this.state.start,T.InvalidEscapedReservedWord,e)
}braceIsBlock(e){const t=this.curContext();return
t===x.functionExpression||t===x.functionStatement||(e!==(o.colon||t===x.braceStatement&&t===x.braceExpression?
e===o._return||e===o.name&&this.state.exprAllowed?this.hasPrecedingLineBreak():e===o._else||e===o.semi||e===
=o.eof||e===o.parenR||e===o.arrow||(e===o.braceL?t===x.braceStatement:e!==(o._var&&e!==(o._const&&e!==(o.na
me&&(e===o.relational||!this.state.exprAllowed)):t.isExpr)}updateContext(e){const t=this.state.type;let
r;!t.keyword||e!==(o.dot&&e!==(o.questionDot?(r=t.updateContext)?r.call(this,e):this.state.exprAllowed=t.beforeExp

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r:this.state.exprAllowed=!1}}{addExtra(e,t,r){if(!e)return;(e.extra=e.extra||{})[t]=r}isRelational(e){return
this.match(o.relational)&&this.state.value===e}expectRelational(e){this.isRelational(e)?this.next():this.unexpected(
null,o.relational)}isContextual(e){return
this.match(o.name)&&this.state.value===e&&!this.state.containsEsc}isUnparsedContextual(e,t){const
r=e+t.length;return
this.input.slice(e,r)===t&&(r===this.input.length?!N(this.input.charCodeAt(r)))}isLookaheadContextual(e){const
t=this.nextTokenStart();return this.isUnparsedContextual(t,e)}eatContextual(e){return
this.isContextual(e)&&this.eat(o.name)}expectContextual(e,t){this.eatContextual(e)||this.unexpected(null,t)}canInse
rtSemicolon(){return
this.match(o.eof)||this.match(o.braceR)||this.hasPrecedingLineBreak()}hasPrecedingLineBreak(){return
l.test(this.input.slice(this.state.lastTokEnd,this.state.start))}hasFollowingLineBreak(){return
l.test(this.input.slice(this.state.end,this.nextTokenStart()))}isLineTerminator(){return
this.eat(o.semi)||this.canInsertSemicolon()}semicolon(e=!0){(e?this.isLineTerminator():this.eat(o.semi))||this.raise(t
his.state.lastTokEnd,T.MissingSemicolon)}expect(e,t){this.eat(e)||this.unexpected(t,e)}assertNoSpace(e="Unexpect
ed
space."){this.state.start>this.state.lastTokEnd&&this.raise(this.state.lastTokEnd,{code:y.SyntaxException,reasonCode:"
UnexpectedSpace",template:e})}unexpected(e,t={code:y.SyntaxException,reasonCode:"UnexpectedToken",template:"U
nexpected token"}){throw t instanceof
n&&(t={code:y.SyntaxException,reasonCode:"UnexpectedToken",template:`Unexpected token, expected
"${t.label}"`}),this.raise(null!=e?e:this.state.start,t)}expectPlugin(e,t){if(!this.hasPlugin(e))throw
this.raiseWithData(null!=t?t:this.state.start,{missingPlugin:[e]},`This experimental syntax requires enabling the
parser plugin: \`${e}\``)}return!0}expectOnePlugin(e,t){if(!e.some(e=>this.hasPlugin(e)))throw
this.raiseWithData(null!=t?t:this.state.start,{missingPlugin:e},`This experimental syntax requires enabling one of the
following parser plugin(s): \`${e.join(", ")}\``)}tryParse(e,t=this.state.clone()){const r={node:null};try{const
n=e((e=null)=>{throw r.node=e,r});if(this.state.errors.length>t.errors.length){const e=this.state;return
this.state=t,this.state.tokensLength=e.tokensLength,{node:n,error:e.errors[t.errors.length],thrown:!1,aborted:!1,failSt
ate:e}}return{node:n,error:null,thrown:!1,aborted:!1,failState:null}}catch(e){const n=this.state;if(this.state=t,e
instanceof
SyntaxError)return{node:null,error:e,thrown:!0,aborted:!1,failState:n};if(e===r)return{node:r.node,error:null,throw
n:!1,aborted:!0,failState:n};throw
e}}checkExpressionErrors(e,t){if(!e)return!1;const{shorthandAssign:r,doubleProto:n}=e;if(!t)return
r>=0||n>=0;r>=0&&this.unexpected(r),n>=0&&this.raise(n,T.DuplicateProto)}isLiteralPropertyName(){return
this.match(o.name)||!this.state.type.keyword||this.match(o.string)||this.match(o.num)||this.match(o.bigint)||this.mat
ch(o.decimal)}isPrivateName(e){return"PrivateName"===e.type}getPrivateNameSV(e){return
e.id.name}hasPropertyAsPrivateName(e){return("MemberExpression"===e.type||"OptionalMemberExpression"===
e.type)&&this.isPrivateName(e.property)}isOptionalChain(e){return"OptionalMemberExpression"===e.type||"Opti
onalCallExpression"===e.type}isObjectProperty(e){return"ObjectProperty"===e.type}isObjectMethod(e){return"O
bjectMethod"===e.type}initializeScopes(e="module"===this.options.sourceType){const
t=this.state.labels;this.state.labels=[];const r=this.state.exportedIdentifiers;this.state.exportedIdentifiers=[];const
n=this.inModule;this.inModule=e;const i=this.scope,s=this.getScopeHandler();this.scope=new
s(this.raise.bind(this),this.inModule);const a=this.prodParam;this.prodParam=new ae;const
o=this.classScope;this.classScope=new Oe(this.raise.bind(this));const l=this.expressionScope;return
this.expressionScope=new
Ne(this.raise.bind(this)),(e)=>{this.state.labels=t,this.state.exportedIdentifiers=r,this.inModule=n,this.scope=i,this.pr
odParam=a,this.classScope=o,this.expressionScope=l}}enterInitialScopes(){let
e=0;this.hasPlugin("topLevelAwait")&&this.inModule&&(e|=2),this.scope.enter(1),this.prodParam.enter(e)}{start
Node(){return new _e(this,this.state.start,this.state.startLoc)}startNodeAt(e,t){return new
_e(this,e,t)}startNodeAtNode(e){return this.startNodeAt(e.start,e.loc.start)}finishNode(e,t){return

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this.finishNodeAt(e,t,this.state.lastTokEnd,this.state.lastTokEndLoc)}finishNodeAt(e,t,r,n){return
e.type=t,e.end=r,e.loc.end=n,this.options.ranges&&(e.range[1]=r),this.processComment(e,e)resetStartLocation(e,t,
r){e.start=t,e.loc.start=r,this.options.ranges&&(e.range[0]=t)}resetEndLocation(e,t=this.state.lastTokEnd,r=this.stat
e.lastTokEndLoc){e.end=t,e.loc.end=r,this.options.ranges&&(e.range[1]=t)}resetStartLocationFromNode(e,t){this.r
esetStartLocation(e,t.start,t.loc.start)}{toAssignable(e,t=!1){var r,n;let i=void
0;switch(("ParenthesizedExpression"===e.type||null!=(r=e.extra)&&r.parenthesized)&&(i=Le(e),t?"Identifier"===i.
type?this.expressionScope.recordParenthesizedIdentifierError(e.start,T.InvalidParenthesizedAssignment):"Member
Expression"!==i.type&&this.raise(e.start,T.InvalidParenthesizedAssignment):this.raise(e.start,T.InvalidParenthesize
dAssignment)),e.type){case"Identifier":case"ObjectPattern":case"ArrayPattern":case"AssignmentPattern":break;cas
e"ObjectExpression":e.type="ObjectPattern";for(let r=0,n=e.properties.length,i=n-1;r<n;r++){var s;const
n=e.properties[r],a=r===i,this.toAssignableObjectExpressionProp(n,a,t),a&&"RestElement"===n.type&&null!=(s=
e.extra)&&s.trailingComma&&this.raiseRestNotLast(e.extra.trailingComma)}break;case"ObjectProperty":this.toAs
signable(e.value,t);break;case"SpreadElement":{this.checkToRestConversion(e),e.type="RestElement";const
r=e.argument,this.toAssignable(r,t);break}case"ArrayExpression":e.type="ArrayPattern",this.toAssignableList(e.ele
ments,null==(n=e.extra)?void
0:n.trailingComma,t);break;case"AssignmentExpression":"="===e.operator&&this.raise(e.left.end,T.MissingEqInAs
signment),e.type="AssignmentPattern",delete
e.operator,this.toAssignable(e.left,t);break;case"ParenthesizedExpression":this.toAssignable(i,t)}return
e}toAssignableObjectExpressionProp(e,t,r){if("ObjectMethod"===e.type){const
t="get"===e.kind||"set"===e.kind?T.PatternHasAccessor:T.PatternHasMethod;this.raise(e.key.start,t)}else"SpreadE
lement"!==e.type||t?this.toAssignable(e,r):this.raiseRestNotLast(e.start)}toAssignableList(e,t,r){let
n=e.length;if(n){const i=e[n-1];if("RestElement"===(null==i?void 0:i.type))--n;else
if("SpreadElement"===(null==i?void 0:i.type)){i.type="RestElement";let
e=i.argument,this.toAssignable(e,r),e=Le(e),"Identifier"!==e.type&&"MemberExpression"!==e.type&&"ArrayPatte
rn"!==e.type&&"ObjectPattern"!==e.type&&this.unexpected(e.start),t&&this.raiseTrailingCommaAfterRest(t,--
n)}for(let t=0;t<n;t++){const
n=e[t];n&&(this.toAssignable(n,r),"RestElement"===n.type&&this.raiseRestNotLast(n.start))}return
e}toReferencedList(e,t){return e}toReferencedListDeep(e,t){this.toReferencedList(e,t);for(const t of
e)"ArrayExpression"===(null==t?void 0:t.type)&&this.toReferencedListDeep(t.elements)}parseSpread(e,t){const
r=this.startNode();return this.next(),r.argument=this.parseMaybeAssignAllowIn(e,void
0,t),this.finishNode(r,"SpreadElement")}parseRestBinding(){const e=this.startNode();return
this.next(),e.argument=this.parseBindingAtom(),this.finishNode(e,"RestElement")}parseBindingAtom(){switch(this
.state.type){case o.bracketL:{const e=this.startNode();return
this.next(),e.elements=this.parseBindingList(o.bracketR,93,!0),this.finishNode(e,"ArrayPattern")}case
o.braceL:return this.parseObjectLike(o.braceR,!0)}return this.parseIdentifier()}parseBindingList(e,t,r,n){const
i=[];let
s=!0;for(;!this.eat(e);)if(s?s=!1:this.expect(o.comma),r&&this.match(o.comma))i.push(null);else{if(this.eat(e))break
;if(this.match(o.ellipsis)){i.push(this.parseAssignableListItemTypes(this.parseRestBinding())),this.checkCommaAft
erRest(t),this.expect(e);break}{const
e=[];for(this.match(o.at)&&this.hasPlugin("decorators")&&this.raise(this.state.start,T.UnsupportedParameterDecora
tor);this.match(o.at);)e.push(this.parseDecorator());i.push(this.parseAssignableListItem(n,e))}return
i}parseAssignableListItem(e,t){const r=this.parseMaybeDefault();this.parseAssignableListItemTypes(r);const
n=this.parseMaybeDefault(r.start,r.loc.start,r);return
t.length&&(r.decorators=t),n}parseAssignableListItemTypes(e){return e}parseMaybeDefault(e,t,r){var
n,i,s;if(t=null!=(n=t)?n:this.state.startLoc,e=null!=(i=e)?i:this.state.start,r=null!=(s=r)?s:this.parseBindingAtom(),!th
is.eat(o.eq))return r;const a=this.startNodeAt(e,t);return
a.left=r,a.right=this.parseMaybeAssignAllowIn(),this.finishNode(a,"AssignmentPattern")}checkLVal(e,t,r=64,n,i,s=
!1){switch(e.type){case"Identifier":{const{name:t}=e,this.state.strict&&(s?B(t,this.inModule):R(t))&&this.raise(e.s

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tart,64===r?T.StrictEvalArguments:T.StrictEvalArgumentsBinding,t),n&&(n.has(t)?this.raise(e.start,T.ParamDupe)
:n.add(t)),i&&"let"===t&&this.raise(e.start,T.LetInLexicalBinding),64&r||this.scope.declareName(t,r,e.start);break}
case"MemberExpression":64!==r&&this.raise(e.start,T.InvalidPropertyBindingPattern);break;case"ObjectPattern":f
or(let t of e.properties){if(this.isObjectProperty(t))t=t.value;else
if(this.isObjectMethod(t))continue;this.checkLVal(t,"object destructuring
pattern",r,n,i)}break;case"ArrayPattern":for(const t of e.elements)t&&this.checkLVal(t,"array destructuring
pattern",r,n,i);break;case"AssignmentPattern":this.checkLVal(e.left,"assignment
pattern",r,n);break;case"RestElement":this.checkLVal(e.argument,"rest
element",r,n);break;case"ParenthesizedExpression":this.checkLVal(e.expression,"parenthesized
expression",r,n);break;default:this.raise(e.start,64===r?T.InvalidLhs:T.InvalidLhsBinding,t)}checkToRestConversi
on(e){"Identifier"!==e.argument.type&&"MemberExpression"!==e.argument.type&&this.raise(e.argument.start,T.I
nvalidRestAssignmentPattern)}checkCommaAfterRest(e){this.match(o.comma)&&(this.lookaheadCharCode()===e
?this.raiseTrailingCommaAfterRest(this.state.start):this.raiseRestNotLast(this.state.start))}raiseRestNotLast(e){thro
w
this.raise(e,T.ElementAfterRest)}raiseTrailingCommaAfterRest(e){this.raise(e,T.RestTrailingComma)}{checkProt
o(e,t,r,n){if("SpreadElement"===e.type||this.isObjectMethod(e)||e.computed||e.shorthand)return;const
i=e.key;if("__proto__"===("Identifier"===i.type?i.name:i.value)){if(t)return void
this.raise(i.start,T.RecordNoProto);r.used&&(n?-
1===n.doubleProto&&(n.doubleProto=i.start):this.raise(i.start,T.DuplicateProto)),r.used=!0}}shouldExitDescendin
g(e,t){return"ArrowFunctionExpression"===e.type&&e.start===t}getExpression(){let
e=0;this.hasPlugin("topLevelAwait")&&this.inModule&&(e|=2),this.scope.enter(1),this.prodParam.enter(e),this.nex
tToken();const t=this.parseExpression();return
this.match(o.eof)||this.unexpected(),t.comments=this.state.comments,t.errors=this.state.errors,this.options.tokens&&
(t.tokens=this.tokens),t}parseExpression(e,t){return
e?this.disallowInAnd(=>this.parseExpressionBase(t):this.allowInAnd(=>this.parseExpressionBase(t))}parseExp
ressionBase(e){const
t=this.state.start,r=this.state.startLoc,n=this.parseMaybeAssign(e);if(this.match(o.comma)){const
i=this.startNodeAt(t,r);for(i.expressions=[n];this.eat(o.comma);i.expressions.push(this.parseMaybeAssign(e));retur
n this.toReferencedList(i.expressions),this.finishNode(i,"SequenceExpression")}return
n}parseMaybeAssignDisallowIn(e,t,r){return
this.disallowInAnd(=>this.parseMaybeAssign(e,t,r))}parseMaybeAssignAllowIn(e,t,r){return
this.allowInAnd(=>this.parseMaybeAssign(e,t,r))}parseMaybeAssign(e,t,r){const
n=this.state.start,i=this.state.startLoc;if(this.isContextual("yield")&&this.prodParam.hasYield){this.state.exprAllow
ed=!0;let e=this.parseYield();return t&&(e=t.call(this,e,n,i),e)}let s;e?s=!1:(e=new
De,s=!0),(this.match(o.parenL)||this.match(o.name))&&(this.state.potentialArrowAt=this.state.start);let
a=this.parseMaybeConditional(e,r);if(t&&(a=t.call(this,a,n,i)),this.state.type.isAssign){const
t=this.startNodeAt(n,i),r=this.state.value;return
t.operator=r,this.match(o.eq)?(t.left=this.toAssignable(a,!0),e.doubleProto=-
1):t.left=a,e.shorthandAssign>=t.left.start&&(e.shorthandAssign=-1),this.checkLVal(a,"assignment
expression"),this.next(),t.right=this.parseMaybeAssign(),this.finishNode(t,"AssignmentExpression")}return
s&&this.checkExpressionErrors(e,!0),a}parseMaybeConditional(e,t){const
r=this.state.start,n=this.state.startLoc,i=this.state.potentialArrowAt,s=this.parseExprOps(e);return
this.shouldExitDescending(s,i)?s:this.parseConditional(s,r,n,t)}parseConditional(e,t,r,n){if(this.eat(o.question)){con
st n=this.startNodeAt(t,r);return
n.test=e,n.consequent=this.parseMaybeAssignAllowIn(),this.expect(o.colon),n.alternate=this.parseMaybeAssign(),t
his.finishNode(n,"ConditionalExpression")}return e}parseExprOps(e){const
t=this.state.start,r=this.state.startLoc,n=this.state.potentialArrowAt,i=this.parseMaybeUnary(e);return
this.shouldExitDescending(i,n)?i:this.parseExprOp(i,t,r,-1)}parseExprOp(e,t,r,n){let

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i=this.state.type.binop;if(null!=i&&(this.prodParam.hasIn||!this.match(o._in))&&i>n){const
s=this.state.type;if(s===o.pipeline){if(this.expectPlugin("pipelineOperator"),this.state.inFSharpPipelineDirectBody)
return e;this.state.inPipeline=!0,this.checkPipelineAtInfixOperator(e,t)}const
a=this.startNodeAt(t,r);a.left=e,a.operator=this.state.value;const
l=s===o.logicalOR||s===o.logicalAND,c=s===o.nullishCoalescing;if(c&&(i=o.logicalAND.binop),this.next(),s===
o.pipeline&&"minimal"===this.getPluginOption("pipelineOperator","proposal")&&this.match(o.name)&&"await"
===this.state.value&&this.prodParam.hasAwait)throw
this.raise(this.state.start,T.UnexpectedAwaitAfterPipelineBody);a.right=this.parseExprOpRightExpr(s,i),this.finishN
ode(a,l|c?"LogicalExpression":"BinaryExpression");const
p=this.state.type;if(c&&(p===o.logicalOR||p===o.logicalAND)||l&&p===o.nullishCoalescing)throw
this.raise(this.state.start,T.MixingCoalesceWithLogical);return this.parseExprOp(a,t,r,n)}return
e}parseExprOpRightExpr(e,t){const r=this.state.start,n=this.state.startLoc;switch(e){case
o.pipeline:switch(this.getPluginOption("pipelineOperator","proposal")){case"smart":return
this.withTopicPermittingContext(=>this.parseSmartPipelineBody(this.parseExprOpBaseRightExpr(e,t),r,n));case"f
sharp":return this.withSoloAwaitPermittingContext(=>this.parseFSharpPipelineBody(t))}default:return
this.parseExprOpBaseRightExpr(e,t)}parseExprOpBaseRightExpr(e,t){const
r=this.state.start,n=this.state.startLoc;return this.parseExprOp(this.parseMaybeUnary(),r,n,e.rightAssociative?t-
1:t)}checkExponentialAfterUnary(e){this.match(o.exponent)&&this.raise(e.argument.start,T.UnexpectedTokenUna
ryExponentiation)}parseMaybeUnary(e,t){const
r=this.state.start,n=this.state.startLoc,i=this.isContextual("await");if(i&&this.isAwaitAllowed()){this.next();const
e=this.parseAwait(r,n);return
t||this.checkExponentialAfterUnary(e,e)}if(this.isContextual("module")&&123===this.lookaheadCharCode())&&!th
is.hasFollowingLineBreak())return this.parseModuleExpression();const
s=this.match(o.incDec),a=this.startNode();if(this.state.type.prefix){a.operator=this.state.value,a.prefix=!0,this.match
(o._throw)&&this.expectPlugin("throwExpressions");const
r=this.match(o._delete);if(this.next(),a.argument=this.parseMaybeUnary(null,!0),this.checkExpressionErrors(e,!0),th
is.state.strict&&r){const
e=a.argument;"Identifier"===e.type?this.raise(a.start,T.StrictDelete):this.hasPropertyAsPrivateName(e)&&this.raise
(a.start,T.DeletePrivateField)}if(!s)return
t||this.checkExponentialAfterUnary(a),this.finishNode(a,"UnaryExpression")}const
l=this.parseUpdate(a,s,e);if(i){if((this.hasPlugin("v8intrinsic")?this.state.type.startsExpr:this.state.type.startsExpr&
&!this.match(o.modulo))&&!this.isAmbiguousAwait())return
this.raiseOverwrite(r,this.hasPlugin("topLevelAwait")?T.AwaitNotInAsyncContext:T.AwaitNotInAsyncFunction),t
his.parseAwait(r,n)}return l}parseUpdate(e,t,r){if(t)return this.checkLVal(e.argument,"prefix
operation"),this.finishNode(e,"UpdateExpression");const n=this.state.start,i=this.state.startLoc;let
s=this.parseExprSubscripts(r);if(this.checkExpressionErrors(r,!1))return
s;for(;this.state.type.postfix&&!this.canInsertSemicolon();){const
e=this.startNodeAt(n,i);e.operator=this.state.value,e.prefix=!1,e.argument=s,this.checkLVal(s,"postfix
operation"),this.next(),s=this.finishNode(e,"UpdateExpression")}return s}parseExprSubscripts(e){const
t=this.state.start,r=this.state.startLoc,n=this.state.potentialArrowAt,i=this.parseExprAtom(e);return
this.shouldExitDescending(i,n)?i:this.parseSubscripts(i,t,r)}parseSubscripts(e,t,r,n){const
i={optionalChainMember:!1,maybeAsyncArrow:this.atPossibleAsyncArrow(e),stop:!1};do{e=this.parseSubscript(e,
t,r,n,i),i.maybeAsyncArrow=!1}while(!i.stop);return
e}parseSubscript(e,t,r,n,i){if(!n&&this.eat(o.doubleColon))return
this.parseBind(e,t,r,n,i);if(this.match(o.backQuote))return this.parseTaggedTemplateExpression(e,t,r,i);let
s=!1;if(this.match(o.questionDot)){if(n&&40===this.lookaheadCharCode())return
i.stop=!0,e.i.optionalChainMember=s=!0,this.next()}return!n&&this.match(o.parenL)?this.parseCoverCallAndAsyn
cArrowHead(e,t,r,i,s):s||this.match(o.bracketL)||this.eat(o.dot)?this.parseMember(e,t,r,i,s):(i.stop=!0,e)}parseMembe

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r(e,t,r,n,i){const s=this.startNodeAt(t,r),a=this.eat(o.bracketL);s.object=e,s.computed=a;const
l=!a&&this.match(o.privateName)&&this.state.value,c=a?this.parseExpression():!this.parsePrivateName():this.parse
eIdentifier(!0);return!l!==l&&("Super"===s.object.type&&this.raise(t,T.SuperPrivateField),this.classScope.usePriv
ateName(l,c.start)),s.property=c,a&&this.expect(o.bracketR),n.optionalChainMember?(s.optional=i,this.finishNode(
s,"OptionalMemberExpression")):this.finishNode(s,"MemberExpression")}parseBind(e,t,r,n,i){const
s=this.startNodeAt(t,r);return
s.object=e,s.callee=this.parseNoCallExpr(),i.stop=!0,this.parseSubscripts(this.finishNode(s,"BindExpression"),t,r,n)
}parseCoverCallAndAsyncArrowHead(e,t,r,n,i){const
s=this.state.maybeInArrowParameters;this.state.maybeInArrowParameters=!0,this.next();let
a=this.startNodeAt(t,r);return a.callee=e,n.maybeAsyncArrow&&this.expressionScope.enter(new
Ce(2)),n.optionalChainMember&&(a.optional=i),a.arguments=i?this.parseCallExpressionArguments(o.parenR,!1):t
his.parseCallExpressionArguments(o.parenR,n.maybeAsyncArrow,"Import"===e.type,"Super"!==e.type,a),this.fini
shCallExpression(a,n.optionalChainMember),n.maybeAsyncArrow&&this.shouldParseAsyncArrow()&&!i?(n.stop
=!0,this.expressionScope.validateAsPattern(),this.expressionScope.exit(),a=this.parseAsyncArrowFromCallExpressi
on(this.startNodeAt(t,r),a):(n.maybeAsyncArrow&&this.expressionScope.exit(),this.toReferencedArguments(a)),th
is.state.maybeInArrowParameters=s,a)toReferencedArguments(e,t){this.toReferencedListDeep(e.arguments,t)}pars
eTaggedTemplateExpression(e,t,r,n){const i=this.startNodeAt(t,r);return
i.tag=e,i.quasi=this.parseTemplate(!0),n.optionalChainMember&&this.raise(t,T.OptionalChainingNoTemplate),this.
finishNode(i,"TaggedTemplateExpression")}atPossibleAsyncArrow(e){return"Identifier"===e.type&&"async"===e
.name&&this.state.lastTokEnd===e.end&&!this.canInsertSemicolon()&&e.end-
e.start===5&&e.start===this.state.potentialArrowAt}finishCallExpression(e,t){if("Import"===e.callee.type)if(2===e
.arguments.length&&(this.hasPlugin("moduleAttributes")||this.expectPlugin("importAssertions")),0===e.arguments.
length||e.arguments.length>2)this.raise(e.start,T.ImportCallArity,this.hasPlugin("importAssertions")||this.hasPlugin(
"moduleAttributes")?"one or two arguments":"one argument");else for(const t of
e.arguments)"SpreadElement"===t.type&&this.raise(t.start,T.ImportCallSpreadArgument);return
this.finishNode(e,t?"OptionalCallExpression":"CallExpression")}parseCallExpressionArguments(e,t,r,n,i){const
s=[];let a=!0;const
l=this.state.inFSharpPipelineDirectBody;for(this.state.inFSharpPipelineDirectBody=!1;!this.eat(e);){if(a=!1;else
if(this.expect(o.comma),this.match(e)){!r||this.hasPlugin("importAssertions")||this.hasPlugin("moduleAttributes")||th
is.raise(this.state.lastTokStart,T.ImportCallArgumentTrailingComma),i&&this.addExtra(i,"trailingComma",this.stat
e.lastTokStart),this.next();break}s.push(this.parseExprListItem(!1,t?new De:void 0,t?{start:0}:void 0,n))}return
this.state.inFSharpPipelineDirectBody=l,s}shouldParseAsyncArrow(){return
this.match(o.arrow)&&!this.canInsertSemicolon()}parseAsyncArrowFromCallExpression(e,t){var r;return
this.expect(o.arrow),this.parseArrowExpression(e,t.arguments,!0,null==(r=t.extra)?void
0:r.trailingComma),e}parseNoCallExpr(){const e=this.state.start,t=this.state.startLoc;return
this.parseSubscripts(this.parseExprAtom(),e,t,!0)}parseExprAtom(e){this.state.type===o.slash&&this.readRegexp()
;const t=this.state.potentialArrowAt===this.state.start;let r;switch(this.state.type){case o._super:return
this.parseSuper();case o._import:return
r=this.startNode(),this.next(),this.match(o.dot)?this.parseImportMetaProperty(r):(this.match(o.parenL)||this.raise(this
.state.lastTokStart,T.UnsupportedImport),this.finishNode(r,"Import"));case o._this:return
r=this.startNode(),this.next(),this.finishNode(r,"ThisExpression");case o.name:{const
e=this.state.containsEsc,r=this.parseIdentifier();if(!e&&"async"===r.name&&!this.canInsertSemicolon()){if(this.m
atch(o._function)){const e=this.state.context.length-1;if(this.state.context[e]!==x.functionStatement)throw new
Error("Internal error");return
this.state.context[e]=x.functionExpression,this.next(),this.parseFunction(this.startNodeAtNode(r),void
0,!0)}if(this.match(o.name))return
61===this.lookaheadCharCode()?this.parseAsyncArrowUnaryFunction(r):r;if(this.match(o._do))return
this.parseDo(!0)}return

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t&&this.match(o.arrow)&&!this.canInsertSemicolon()?(this.next(),this.parseArrowExpression(this.startNodeAtNode(e(r),[r,!1]):r)case o._do:return this.parseDo(!1);case o.regexp:{const e=this.state.value;return r=this.parseLiteral(e.value,"RegExpLiteral"),r.pattern=e.pattern,r.flags=e.flags,r}case o.num:return this.parseLiteral(this.state.value,"NumericLiteral");case o.bigint:return this.parseLiteral(this.state.value,"BigIntLiteral");case o.decimal:return this.parseLiteral(this.state.value,"DecimalLiteral");case o.string:return this.parseLiteral(this.state.value,"StringLiteral");case o._null:return r=this.startNode(),this.next(),this.finishNode(r,"NullLiteral");case o._true:case o._false:return this.parseBooleanLiteral();case o.parenL:return this.parseParenAndDistinguishExpression(t);case o.bracketBarL:case o.bracketHashL:return this.parseArrayLike(this.state.type===o.bracketBarL?o.bracketBarR:o.bracketR,!1,!0,e);case o.bracketL:return this.parseArrayLike(o.bracketR,!0,!1,e);case o.braceBarL:case o.braceHashL:return this.parseObjectLike(this.state.type===o.braceBarL?o.braceBarR:o.braceR,!1,!0,e);case o.braceL:return this.parseObjectLike(o.braceR,!1,!1,e);case o._function:return this.parseFunctionOrFunctionSent();case o.at:this.parseDecorators();case o._class:return r=this.startNode(),this.takeDecorators(r),this.parseClass(r,!1);case o._new:return this.parseNewOrNewTarget();case o.backQuote:return this.parseTemplate(!1);case o.doubleColon:{r=this.startNode(),this.next(),r.object=null;const e=r.callee=this.parseNoCallExpr();if("MemberExpression"===e.type)return this.finishNode(r,"BindExpression");throw this.raise(e.start,T.UnsupportedBind)}case o.privateName:{const e=this.state.start,t=this.state.value;if(r=this.parsePrivateName(),this.match(o._in))this.expectPlugin("privateIn"),this.classScope.usePrivateName(t,r.start);else{if(!this.hasPlugin("privateIn"))throw this.unexpected(e);this.raise(this.state.start,T.PrivateInExpectedIn,t)}return r}case o.hash:if(this.state.inPipeline)return r=this.startNode(),"smart"!===this.getPluginOption("pipelineOperator","proposal")&&this.raise(r.start,T.PrimaryTopicRequiresSmartPipeline),this.next(),this.primaryTopicReferenceIsAllowedInCurrentTopicContext()||this.raise(r.start,T.PrimaryTopicNotAllowed),this.registerTopicReference(),this.finishNode(r,"PipelinePrimaryTopicReference");case o.relational:if("<"===this.state.value){const e=this.input.codePointAt(this.nextTokenStart());(C(e)||62===e)&&this.expectOnePlugin(["jsx","flow","typescript"])}default:throw this.unexpected()}parseAsyncArrowUnaryFunction(e){const t=this.startNodeAtNode(e);this.prodParam.enter(oe(!0,this.prodParam.hasYield));const r=[this.parseIdentifier()];return this.prodParam.exit(),this.hasPrecedingLineBreak()&&this.raise(this.state.pos,T.LineTerminatorBeforeArrow),this.expect(o.arrow),this.parseArrowExpression(t,r,!0,t)}parseDo(e){this.expectPlugin("doExpressions"),e&&this.expectPlugin("asyncDoExpressions");const t=this.startNode();t.async=e,this.next();const r=this.state.labels;return this.state.labels=[],e?(this.prodParam.enter(2),t.body=this.parseBlock(),this.prodParam.exit():t.body=this.parseBlock(),this.state.labels=r,this.finishNode(t,"DoExpression"))}parseSuper(){const e=this.startNode();return this.next(),!this.match(o.parenL)||this.scope.allowDirectSuper||this.options.allowSuperOutsideMethod?this.scope.allowSuper||this.options.allowSuperOutsideMethod||this.raise(e.start,T.UnexpectedSuper):this.raise(e.start,T.SuperNotAllowed),this.match(o.parenL)||this.match(o.bracketL)||this.match(o.dot)||this.raise(e.start,T.UnsupportedSuper),this.finishNode(e,"Super")}parseBooleanLiteral(){const e=this.startNode();return e.value=this.match(o._true),this.next(),this.finishNode(e,"BooleanLiteral")}parseMaybePrivateName(e){return this.match(o.privateName)?(e||this.raise(this.state.start+1,T.UnexpectedPrivateField),this.parsePrivateName()):this.parseIdentifier(!0)}parsePrivateName(){const e=this.startNode(),t=this.startNodeAt(this.state.start+1,new h(this.state.curLine,this.state.start+1-this.state.lineStart)),r=this.state.value;return this.next(),e.id=this.createIdentifier(t,r),this.finishNode(e,"PrivateName")}parseFunctionOrFunctionSent(){const e=this.startNode();if(this.next(),this.prodParam.hasYield&&this.match(o.dot)){const t=this.createIdentifier(this.startNodeAtNode(e),"function");return this.next(),this.parseMetaProperty(e,t,"sent")}return

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this.parseFunction(e) } parseMetaProperty(e,t,r){ e.meta=t,"function"===t.name&&"sent"===r&&(this.isContextual(
r)?this.expectPlugin("functionSent"):this.hasPlugin("functionSent"))||this.unexpected());const
n=this.state.containsEsc;return
e.property=this.parseIdentifier(!0),(e.property.name!==r||n)&&this.raise(e.property.start,T.UnsupportedMetaPropert
y,t.name,r),this.finishNode(e,"MetaProperty")} parseImportMetaProperty(e){ const
t=this.createIdentifier(this.startNodeAtNode(e),"import");return
this.next(),this.isContextual("meta")&&(this.inModule||this.raise(t.start,b.ImportMetaOutsideModule),this.sawUna
mbiguousESM=!0),this.parseMetaProperty(e,t,"meta")} parseLiteral(e,t,r,n){ r=r||this.state.start,n=n||this.state.startLo
c;const i=this.startNodeAt(r,n);return
this.addExtra(i,"rawValue",e),this.addExtra(i,"raw",this.input.slice(r,this.state.end)),i.value=e,this.next(),this.finishN
ode(i,t)} parseParenAndDistinguishExpression(e){ const t=this.state.start,r=this.state.startLoc;let
n;this.next(),this.expressionScope.enter(new Ce(1));const
i=this.state.maybeInArrowParameters,s=this.state.inFSharpPipelineDirectBody;this.state.maybeInArrowParameters
=!0,this.state.inFSharpPipelineDirectBody=!1;const a=this.state.start,l=this.state.startLoc,c=[],p=new
De,u={start:0};let d,h,f=!0;for(;!this.match(o.parenR);){ if(f)f=!1;else
if(this.expect(o.comma,u.start||null),this.match(o.parenR)){ h=this.state.start;break } if(this.match(o.ellipsis)){ const
e=this.state.start,t=this.state.startLoc;d=this.state.start,c.push(this.parseParenItem(this.parseRestBinding(),e,t)),this.c
heckCommaAfterRest(41);break } c.push(this.parseMaybeAssignAllowIn(p,this.parseParenItem,u)) } const
m=this.state.lastTokEnd,y=this.state.lastTokEndLoc;this.expect(o.parenR),this.state.maybeInArrowParameters=i,thi
s.state.inFSharpPipelineDirectBody=s;let
T=this.startNodeAt(t,r);if(e&&this.shouldParseArrow()&&(T=this.parseArrow(T)))return
this.expressionScope.validateAsPattern(),this.expressionScope.exit(),this.parseArrowExpression(T,c,!1),T;if(this.ex
pressionScope.exit(),c.length||this.unexpected(this.state.lastTokStart),h&&this.unexpected(h),d&&this.unexpected(d
),this.checkExpressionErrors(p,!0),u.start&&this.unexpected(u.start),this.toReferencedListDeep(c,!0),c.length>1?(n
=this.startNodeAt(a,l),n.expressions=c,this.finishNodeAt(n,"SequenceExpression",m,y)):n=c[0],!this.options.create
ParenthesizedExpressions)return this.addExtra(n,"parenthesized",!0),this.addExtra(n,"parenStart",t),n;const
b=this.startNodeAt(t,r);return
b.expression=n,this.finishNode(b,"ParenthesizedExpression"),b } shouldParseArrow(){ return!this.canInsertSemicolo
n() } parseArrow(e){ if(this.eat(o.arrow))return e } parseParenItem(e,t,r){ return e } parseNewOrNewTarget(){ const
e=this.startNode();if(this.next(),this.match(o.dot)){ const
t=this.createIdentifier(this.startNodeAtNode(e),"new");this.next();const r=this.parseMetaProperty(e,t,"target");return
this.scope.inNonArrowFunction||this.scope.inClass||this.raise(r.start,T.UnexpectedNewTarget),r } return
this.parseNew(e) } parseNew(e){ return
e.callee=this.parseNoCallExpr(),"Import"===e.callee.type?this.raise(e.callee.start,T.ImportCallNotNewExpression):
this.isOptionalChain(e.callee)?this.raise(this.state.lastTokEnd,T.OptionalChainingNoNew):this.eat(o.questionDot)&
&&this.raise(this.state.start,T.OptionalChainingNoNew),this.parseNewArguments(e),this.finishNode(e,"NewExpressi
on")} parseNewArguments(e){ if(this.eat(o.parenL)){ const
t=this.parseExprList(o.parenR);this.toReferencedList(t),e.arguments=t } else
e.arguments=[] } parseTemplateElement(e){ const t=this.startNode();return
null===this.state.value&&(e||this.raise(this.state.start+1,T.InvalidEscapeSequenceTemplate)),t.value={ raw:this.inpu
t.slice(this.state.start,this.state.end).replace(/\\r\\n?/g,"\\n"),cooked:this.state.value },this.next(),t.tail=this.match(o.bac
kQuote),this.finishNode(t,"TemplateElement")} parseTemplate(e){ const
t=this.startNode();this.next(),t.expressions=[];let
r=this.parseTemplateElement(e);for(t.quasis=[r];!r.tail;)this.expect(o.dollarBraceL),t.expressions.push(this.parseTe
mplateSubstitution()),this.expect(o.braceR),t.quasis.push(r=this.parseTemplateElement(e));return
this.next(),this.finishNode(t,"TemplateLiteral")} parseTemplateSubstitution(){ return
this.parseExpression() } parseObjectLike(e,t,r,n){ r&&this.expectPlugin("recordAndTuple");const
i=this.state.inFSharpPipelineDirectBody;this.state.inFSharpPipelineDirectBody=!1;const s=Object.create(null);let

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a=!0;const l=this.startNode();for(l.properties=[],this.next();!this.match(e);){if(a)a=!1;else
if(this.expect(o.comma),this.match(e)){this.addExtra(l,"trailingComma",this.state.lastTokStart);break}const
i=this.parsePropertyDefinition(t,n);t||this.checkProto(i,r,s,n),r&&!this.isObjectProperty(i)&&"SpreadElement"!==i.t
ype&&this.raise(i.start,T.InvalidRecordProperty),i.shorthand&&this.addExtra(i,"shorthand",!0),l.properties.push(i)
this.state.exprAllowed=!1,this.next(),this.state.inFSharpPipelineDirectBody=i;let c="ObjectExpression";return
t?c="ObjectPattern":r&&(c="RecordExpression"),this.finishNode(l,c)}maybeAsyncOrAccessorProp(e){return!e.co
mputed&&"Identifier"===e.key.type&&(this.isLiteralPropertyName())||this.match(o.bracketL)||this.match(o.star)}p
arsePropertyDefinition(e,t){let
r=[];if(this.match(o.at))for(this.hasPlugin("decorators")&&this.raise(this.state.start,T.UnsupportedPropertyDecorato
r);this.match(o.at);r.push(this.parseDecorator());const n=this.startNode();let
i,s,a=!1,l=!1,c=!1;if(this.match(o.ellipsis))return
r.length&&this.unexpected(),e?(this.next(),n.argument=this.parseIdentifier(),this.checkCommaAfterRest(125),this.fi
nishNode(n,"RestElement")):this.parseSpread();r.length&&(n.decorators=r,r=[]),n.method=!1,(e||t)&&(i=this.state.s
tart,s=this.state.startLoc),e||a=this.eat(o.star);const
p=this.state.containsEsc,u=this.parsePropertyName(n,!1);if(!e&&!a&&!p&&this.maybeAsyncOrAccessorProp(n)){
const
e=u.name;"async"!==e||this.hasPrecedingLineBreak()||(l=!0,a=this.eat(o.star),this.parsePropertyName(n,!1)),"get"!=
=e&&"set"!==e||c=!0,n.kind=e,this.match(o.star)&&(a=!0,this.raise(this.state.pos,T.AccessorIsGenerator,e),this.ne
xt()),this.parsePropertyName(n,!1)}return
this.parseObjPropValue(n,i,s,a,l,e,c,t),n}getGetterSetterExpectedParamCount(e){return"get"===e.kind?0:1}getObjec
tOrClassMethodParams(e){return e.params}checkGetterSetterParams(e){var t;const
r=this.getGetterSetterExpectedParamCount(e),n=this.getObjectOrClassMethodParams(e),i=e.start;n.length!==r&&(
"get"===e.kind?this.raise(i,T.BadGetterArity):this.raise(i,T.BadSetterArity)),"set"===e.kind&&"RestElement"===e
null==(t=n[n.length-1])?void
0:t.type)&&this.raise(i,T.BadSetterRestParameter)}parseObjectMethod(e,t,r,n,i){return
i?(this.parseMethod(e,t,!1,!1,!1,"ObjectMethod"),this.checkGetterSetterParams(e),e):r||t||this.match(o.parenL)?(n&&
this.unexpected(),e.kind="method",e.method=!0,this.parseMethod(e,t,r,!1,!1,"ObjectMethod")):void
0}parseObjectProperty(e,t,r,n,i){return
e.shorthand=!1,this.eat(o.colon)?(e.value=n?this.parseMaybeDefault(this.state.start,this.state.startLoc):this.parseMa
ybeAssignAllowIn(i),this.finishNode(e,"ObjectProperty")):e.computed||"Identifier"!==e.key.type?void
0:(this.checkReservedWord(e.key.name,e.key.start,!0,!1),n?e.value=this.parseMaybeDefault(t,r,e.key.__clone()):thi
s.match(o.eq)&&i?(-
l===i.shorthandAssign&&(i.shorthandAssign=this.state.start),e.value=this.parseMaybeDefault(t,r,e.key.__clone()))
:e.value=e.key.__clone(),e.shorthand=!0,this.finishNode(e,"ObjectProperty"))}parseObjPropValue(e,t,r,n,i,s,a,o){co
nst l=this.parseObjectMethod(e,n,i,s,a)||this.parseObjectProperty(e,t,r,s,o);return
l||this.unexpected(),l}parsePropertyName(e,t){if(this.eat(o.bracketL))e.computed=!0,e.key=this.parseMaybeAssign
AllowIn(),this.expect(o.bracketR);else{const r=this.state.inPropertyName;this.state.inPropertyName=!0;const
n=this.state.type;e.key=n===o.num||n===o.string||n===o.bigint||n===o.decimal?this.parseExprAtom():this.parseMa
ybePrivateName(t),n!==o.privateName&&(e.computed=!1),this.state.inPropertyName=r}return
e.key}initFunction(e,t){e.id=null,e.generator=!1,e.async=!1}parseMethod(e,t,r,n,i,s,a=!1){this.initFunction(e,r),e.ge
nerator=!1;const o=n;return
this.scope.enter(18|(a?64:0)|(i?32:0)),this.prodParam.enter(oe(r,e.generator)),this.parseFunctionParams(e,o),this.pars
eFunctionBodyAndFinish(e,s,!0),this.prodParam.exit(),this.scope.exit(),e}parseArrayLike(e,t,r,n){r&&this.expectPl
ugin("recordAndTuple");const
i=this.state.inFSharpPipelineDirectBody;this.state.inFSharpPipelineDirectBody=!1;const s=this.startNode();return
this.next(),s.elements=this.parseExprList(e,!r,n,s),this.state.inFSharpPipelineDirectBody=i,this.finishNode(s,r?"Tupl
eExpression":"ArrayExpression")}parseArrowExpression(e,t,r,n){this.scope.enter(6);let
i=oe(r,!1);!this.match(o.bracketL)&&this.prodParam.hasIn&&(i|=8),this.prodParam.enter(i),this.initFunction(e,r);co

```



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nst s=this.state.maybeInArrowParameters;return
t&&(this.state.maybeInArrowParameters=!0,this.setArrowFunctionParameters(e,t,n)),this.state.maybeInArrowPara
mers=!1,this.parseFunctionBody(e,!0),this.prodParam.exit(),this.scope.exit(),this.state.maybeInArrowParameters=
s,this.finishNode(e,"ArrowFunctionExpression")}setArrowFunctionParameters(e,t,r){e.params=this.toAssignableLi
st(t,r,!1)}parseFunctionBodyAndFinish(e,t,r=!1){this.parseFunctionBody(e,!1,r),this.finishNode(e,t)}parseFunction
Body(e,t,r=!1){const
n=t&&!this.match(o.braceL);if(this.expressionScope.enter(ke()),n)e.body=this.parseMaybeAssign(),this.checkPara
ms(e,!1,t,!1);else{const
n=this.state.strict,i=this.state.labels;this.state.labels=[],this.prodParam.enter(4|this.prodParam.currentFlags()),e.body
=this.parseBlock(!0,!1,i=>{const s=!this.isSimpleParamList(e.params);if(i&&s){const
t="method"!==e.kind&&"constructor"!==e.kind||e.key?e.start:e.key.end;this.raise(t,T.IllegalLanguageModeDirecti
ve)}const
a=!n&&this.state.strict;this.checkParams(e,!this.state.strict||t||r||s),t,a),this.state.strict&&e.id&&this.checkLVal(e.id,
"function name",65,void 0,void
0,a)),this.prodParam.exit(),this.expressionScope.exit(),this.state.labels=i}}isSimpleParamList(e){for(let
t=0,r=e.length;t<r;t++)if("Identifier"!==e[t].type)return!1;return!0}checkParams(e,t,r,n=!0){const i=new
Set;for(const r of e.params)this.checkLVal(r,"function parameter list",5,t?null:i,void
0,n)}parseExprList(e,t,r,n){const i=[];let s=!0;for(;!this.eat(e);){if(s)!!1;else
if(this.expect(o.comma),this.match(e)){n&&this.addExtra(n,"trailingComma",this.state.lastTokStart),this.next();bre
ak}i.push(this.parseExprListItem(t,r))}return i}parseExprListItem(e,t,r,n){let
i;if(this.match(o.comma)e||this.raise(this.state.pos,T.UnexpectedToken,","),i=null;else
if(this.match(o.ellipsis)){const
e=this.state.start,n=this.state.startLoc;i=this.parseParenItem(this.parseSpread(t,r),e,n)}else
if(this.match(o.question)){this.expectPlugin("partialApplication"),n||this.raise(this.state.start,T.UnexpectedArgumen
tPlaceholder);const e=this.startNode();this.next(),i=this.finishNode(e,"ArgumentPlaceholder")}else
i=this.parseMaybeAssignAllowIn(t,this.parseParenItem,r);return i}parseIdentifier(e){const
t=this.startNode(),r=this.parseIdentifierName(t.start,e);return this.createIdentifier(t,r)}createIdentifier(e,t){return
e.name=t,e.loc.identifierName=t,this.finishNode(e,"Identifier")}parseIdentifierName(e,t){let
r;const{start:n,type:i}=this.state;if(i===o.name)r=this.state.value;else{if(!i.keyword)throw
this.unexpected();{r=i.keyword;const
e=this.curContext();i!==(o._class&&i!==(o._function||e!==(x.functionStatement&&e!==(x.functionExpression||this.stat
e.context.pop()))}return
t?this.state.type=o.name:this.checkReservedWord(r,n,!i.keyword,!1),this.next(),r}checkReservedWord(e,t,r,n){if(th
is.prodParam.hasYield&&"yield"===e)return void
this.raise(t,T.YieldBindingIdentifier);if("await"===e){if(this.prodParam.hasAwait)return void
this.raise(t,T.AwaitBindingIdentifier);if(this.scope.inStaticBlock&&!this.scope.inNonArrowFunction)return void
this.raise(t,T.AwaitBindingIdentifierInStaticBlock);this.expressionScope.recordAsyncArrowParametersError(t,T.A
waitBindingIdentifier)}if(this.scope.inClass&&!this.scope.inNonArrowFunction&&"arguments"===e)return void
this.raise(t,T.ArgumentsInClass);if(r&&U(e))return void
this.raise(t,T.UnexpectedKeyword,e);(this.state.strict?n?B:F:j)(e,this.inModule)&&this.raise(t,T.UnexpectedReserve
dWord,e)}isAwaitAllowed(){return!!this.prodParam.hasAwait||(!this.options.allowAwaitOutsideFunction||this.scop
e.inFunction)}parseAwait(e,t){const r=this.startNodeAt(e,t);return
this.expressionScope.recordParameterInitializerError(r.start,T.AwaitExpressionFormalParameter),this.eat(o.star)&&
this.raise(r.start,T.ObsoleteAwaitStar),this.scope.inFunction||this.options.allowAwaitOutsideFunction||(this.isAmbig
uousAwait()?this.ambiguousScriptDifferentAst=!0:this.sawUnambiguousESM=!0),this.state.soloAwait||(r.argument
=this.parseMaybeUnary(null,!0)),this.finishNode(r,"AwaitExpression")}isAmbiguousAwait(){return
this.hasPrecedingLineBreak()||this.match(o.plusMin)||this.match(o.parenL)||this.match(o.bracketL)||this.match(o.bac
kQuote)||this.match(o.regex)||this.match(o.slash)||this.hasPlugin("v8intrinsic")&&this.match(o.modulo)}parseYield

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() { const e=this.startNode();return
this.expressionScope.recordParameterInitializerError(e.start,T.YieldInParameter),this.next(),this.match(o.semi)||!this
.match(o.star)&&!this.state.type.startsExpr||this.hasPrecedingLineBreak()?(e.delegate=!1,e.argument=null):(e.deleg
ate=this.eat(o.star),e.argument=this.parseMaybeAssign()),this.finishNode(e,"YieldExpression")}checkPipelineAtInf
ixOperator(e,t){ "smart"===this.getPluginOption("pipelineOperator","proposal")&&"SequenceExpression"===e.type
&&this.raise(t,T.PipelineHeadSequenceExpression)}parseSmartPipelineBody(e,t,r){ return
this.checkSmartPipelineBodyEarlyErrors(e,t),this.parseSmartPipelineBodyInStyle(e,t,r)}checkSmartPipelineBodyE
arlyErrors(e,t){ if(this.match(o.arrow))throw
this.raise(this.state.start,T.PipelineBodyNoArrow);"SequenceExpression"===e.type&&this.raise(t,T.PipelineBodyS
equenceExpression)}parseSmartPipelineBodyInStyle(e,t,r){ const
n=this.startNodeAt(t,r),i=this.isSimpleReference(e);return
i?n.callee=e:(this.topicReferenceWasUsedInCurrentTopicContext()||this.raise(t,T.PipelineTopicUnused),n.expressio
n=e),this.finishNode(n,i?"PipelineBareFunction":"PipelineTopicExpression")}isSimpleReference(e){ switch(e.type)
{ case"MemberExpression":return!e.computed&&this.isSimpleReference(e.object);case"Identifier":return!0;default:r
eturn!1}}withTopicPermittingContext(e){ const
t=this.state.topicContext;this.state.topicContext={ maxNumOfResolvableTopics:1,maxTopicIndex:null};try { return
e()}finally { this.state.topicContext=t}}withTopicForbiddingContext(e){ const
t=this.state.topicContext;this.state.topicContext={ maxNumOfResolvableTopics:0,maxTopicIndex:null};try { return
e()}finally { this.state.topicContext=t}}withSoloAwaitPermittingContext(e){ const
t=this.state.soloAwait;this.state.soloAwait=!0;try { return e()}finally { this.state.soloAwait=t}}allowInAnd(e){ const
t=this.prodParam.currentFlags();if(8&~t){ this.prodParam.enter(8&t);try { return
e()}finally { this.prodParam.exit()}}return e()}disallowInAnd(e){ const
t=this.prodParam.currentFlags();if(8&t){ this.prodParam.enter(-9&t);try { return
e()}finally { this.prodParam.exit()}}return
e()}registerTopicReference(){ this.state.topicContext.maxTopicIndex=0}primaryTopicReferenceIsAllowedInCurrent
TopicContext(){ return
this.state.topicContext.maxNumOfResolvableTopics>=1}topicReferenceWasUsedInCurrentTopicContext(){ return
null!=this.state.topicContext.maxTopicIndex&&this.state.topicContext.maxTopicIndex>=0}parseFSharpPipelineBo
dy(e){ const t=this.state.start,r=this.state.startLoc;this.state.potentialArrowAt=this.state.start;const
n=this.state.inFSharpPipelineDirectBody;this.state.inFSharpPipelineDirectBody=!0;const
i=this.parseExprOp(this.parseMaybeUnary(),t,r,e);return
this.state.inFSharpPipelineDirectBody=n,i}parseModuleExpression(){ this.expectPlugin("moduleBlocks");const
e=this.startNode();this.next(),this.eat(o.braceL);const t=this.initializeScopes(!0);this.enterInitialScopes();const
r=this.startNode();try { e.body=this.parseProgram(r,o.braceR,"module")}finally { t()}return
this.eat(o.braceR),this.finishNode(e,"ModuleExpression")} { parseTopLevel(e,t) { return
e.program=this.parseProgram(t),e.comments=this.state.comments,this.options.tokens&&(e.tokens=function(e) { for(l
et t=0;t<e.length;t++){ const r=e[t];if(r.type===o.privateName){ const { loc:n,start:i,value:s,end:a}=r,l=i+1,c=new
h(n.start.line,n.start.column+1);e.splice(t,1,new
Ae({ type:o.hash,value:"#",start:i,end:l,startLoc:n.start,endLoc:c}),new
Ae({ type:o.name,value:s,start:l,end:a,startLoc:c,endLoc:n.end})}})} return
e}(this.tokens)),this.finishNode(e,"File")}parseProgram(e,t=o.eof,r=this.options.sourceType){ if(e.sourceType=r,e.in
terpreter=this.parseInterpreterDirective(),this.parseBlockBody(e,!0,!0,t),this.inModule&&!this.options.allowUndecl
aredExports&&this.scope.undefinedExports.size>0)for(const[e]of Array.from(this.scope.undefinedExports)){ const
t=this.scope.undefinedExports.get(e);this.raise(t,T.ModuleExportUndefined,e)}return
this.finishNode(e,"Program")}stmtToDirective(e){ const
t=e.expression,r=this.startNodeAt(t.start,t.loc.start),n=this.startNodeAt(e.start,e.loc.start),i=this.input.slice(t.start,t.en
d),s=r.value=i.slice(1,-1);return
this.addExtra(r,"raw",i),this.addExtra(r,"rawValue",s),n.value=this.finishNodeAt(r,"DirectiveLiteral",t.end,t.loc.end)

```

```

, this.finishNodeAt(n, "Directive", e.end, e.loc.end) } parseInterpreterDirective() { if (!this.match(o.interpreterDirective)) r
return null; const e = this.startNode(); return
e.value = this.state.value, this.next(), this.finishNode(e, "InterpreterDirective") } isLet(e) { return !!this.isContextual("let")
&& this.isLetKeyword(e) } isLetKeyword(e) { const
t = this.nextTokenStart(), r = this.input.charCodeAt(t); if (92 === r || 91 === r) return !0; if (e) return !1; if (123 === r) return !0; if (
C(r)) { let e = t + 1; for (; N(this.input.charCodeAt(e));) ++e; const
r = this.input.slice(t, e); if (!V.test(r)) return !0 } return !1 } parseStatement(e, t) { return
this.match(o.at) && this.parseDecorators(!0), this.parseStatementContent(e, t) } parseStatementContent(e, t) { let
r = this.state.type; const n = this.startNode(); let i; switch (this.isLet(e) && (r = o._var, i = "let"), r) { case o._break: case
o._continue: return this.parseBreakContinueStatement(n, r.keyword); case o._debugger: return
this.parseDebuggerStatement(n); case o._do: return this.parseDoStatement(n); case o._for: return
this.parseForStatement(n); case o._function: if (46 === this.lookaheadCharCode()) break; return
e && (this.state.strict ? this.raise(this.state.start, T.StrictFunction): "if" !== e && "label" !== e && this.raise(this.state.start,
T.SloppyFunction)), this.parseFunctionStatement(n, !1, !e); case o._class: return
e && this.unexpected(), this.parseClass(n, !0); case o._if: return this.parseIfStatement(n); case o._return: return
this.parseReturnStatement(n); case o._switch: return this.parseSwitchStatement(n); case o._throw: return
this.parseThrowStatement(n); case o._try: return this.parseTryStatement(n); case o._const: case o._var: return
i = i || this.state.value, e && "var" !== i && this.raise(this.state.start, T.UnexpectedLexicalDeclaration), this.parseVarStatem
ent(n, i); case o._while: return this.parseWhileStatement(n); case o._with: return this.parseWithStatement(n); case
o.braceL: return this.parseBlock(); case o.semi: return this.parseEmptyStatement(n); case o._import: { const
e = this.lookaheadCharCode(); if (40 === e || 46 === e) break } case o._export: { let e; return
this.options.allowImportExportEverywhere || t || this.raise(this.state.start, T.UnexpectedImportExport), this.next(), r === o
._import ? (e = this.parseImport(n, "ImportDeclaration" !== e.type || e.importKind && "value" !== e.importKind || (this.saw
UnambiguousESM = !0)) : (e = this.parseExport(n, "ExportNamedDeclaration" !== e.type || e.exportKind && "value" !== e
.exportKind) && ("ExportAllDeclaration" !== e.type || e.exportKind && "value" !== e.exportKind) && "ExportDefaultDe
claration" !== e.type || (this.sawUnambiguousESM = !0))), this.assertModuleNodeAllowed(n, e) } default: if (this.isAsyncFu
nction()) return
e && this.raise(this.state.start, T.AsyncFunctionInSingleStatementContext), this.next(), this.parseFunctionStatement(n,
!0, !e) } const s = this.state.value, a = this.parseExpression(); return
r === o.name && "Identifier" === a.type && this.eat(o.colon) ? this.parseLabeledStatement(n, s, a, e) : this.parseExpression
Statement(n, a) } assertModuleNodeAllowed(e) { this.options.allowImportExportEverywhere || this.inModule || this.raise(
e.start, b.ImportOutsideModule) } takeDecorators(e) { const
t = this.state.decoratorStack[this.state.decoratorStack.length -
1]; t.length && (e.decorators = t, this.resetStartLocationFromNode(e, t[0]), this.state.decoratorStack[this.state.decoratorS
tack.length - 1] = []) } canHaveLeadingDecorator() { return this.match(o._class) } parseDecorators(e) { const
t = this.state.decoratorStack[this.state.decoratorStack.length - 1]; for (; this.match(o.at);) { const
e = this.parseDecorator(); t.push(e) } if (this.match(o._export) e || this.unexpected(), this.hasPlugin("decorators") && !this.
getPluginOption("decorators", "decoratorsBeforeExport") && this.raise(this.state.start, T.DecoratorExportClass); else
if (!this.canHaveLeadingDecorator()) throw
this.raise(this.state.start, T.UnexpectedLeadingDecorator) } parseDecorator() { this.expectOnePlugin(["decorators-
legacy", "decorators"]); const
e = this.startNode(); if (this.next(), this.hasPlugin("decorators")) { this.state.decoratorStack.push([]); const
t = this.state.start, r = this.state.startLoc; let n; if (this.eat(o.parenL)) n = this.parseExpression(), this.expect(o.parenR); else
for (n = this.parseIdentifier(!1); this.eat(o.dot);) { const
e = this.startNodeAt(t, r); e.object = n, e.property = this.parseIdentifier(!0), e.computed = !1, n = this.finishNode(e, "MemberE
xpression") } e.expression = this.parseMaybeDecoratorArguments(n, this.state.decoratorStack.pop()) } else
e.expression = this.parseExprSubscripts(); return
this.finishNode(e, "Decorator") } parseMaybeDecoratorArguments(e) { if (this.eat(o.parenL)) { const

```

```

t=this.startNodeAtNode(e);return
t.callee=e,t.arguments=this.parseCallExpressionArguments(o.parenR,!1),this.toReferencedList(t.arguments),this.finishNode(t,"CallExpression")}return e}parseBreakContinueStatement(e,t){const r="break"===t;return
this.next(),this.isLineTerminator()?e.label=null:(e.label=this.parseIdentifier(),this.semicolon()),this.verifyBreakContinue(e,t),this.finishNode(e,r?"BreakStatement":"ContinueStatement")}verifyBreakContinue(e,t){const
r="break"===t;let n;for(n=0;n<this.state.labels.length;++n){const
t=this.state.labels[n];if(null===e.label||t.name===e.label.name){if(null!=t.kind&&(r||"loop"===t.kind))break;if(e.label&&r)break}}n===this.state.labels.length&&this.raise(e.start,T.IllegalBreakContinue,t)}parseDebuggerStatement(e
){return
this.next(),this.semicolon(),this.finishNode(e,"DebuggerStatement")}parseHeaderExpression(){this.expect(o.parenL
);const e=this.parseExpression();return this.expect(o.parenR),e}parseDoStatement(e){return
this.next(),this.state.labels.push(Me),e.body=this.withTopicForbiddingContext(()=>this.parseStatement("do")),this.s
tate.labels.pop(),this.expect(o._while),e.test=this.parseHeaderExpression(),this.eat(o.semi),this.finishNode(e,"DoWh
ileStatement")}parseForStatement(e){this.next(),this.state.labels.push(Me);let t=-
1;if(this.isAwaitAllowed())&&this.eatContextual("await")&&(t=this.state.lastTokStart),this.scope.enter(0),this.expec
t(o.parenL),this.match(o.semi)return t>-1&&this.unexpected(t),this.parseFor(e,null);const
r=this.isContextual("let"),n=r&&this.isLetKeyword();if(this.match(o._var)||this.match(o._const)||n){const
r=this.startNode(o),i=n?"let":this.state.value;return
this.next(),this.parseVar(r,!0,i),this.finishNode(r,"VariableDeclaration"),(this.match(o._in)||this.isContextual("of")
)&&1===r.declarations.length?this.parseForIn(e,r,t):(t>-1&&this.unexpected(t),this.parseFor(e,r))}const
i=this.match(o.name)&&!this.state.containsEsc,s=new
De,a=this.parseExpression(!0,s),l=this.isContextual("of");if(1&&(r?this.raise(a.start,T.ForOfLet):-
1===t&&i&&"Identifier"===a.type&&"async"===a.name&&this.raise(a.start,T.ForOfAsync)),l||this.match(o._in)
){this.toAssignable(a,!0);const r=l?"for-of statement":"for-in statement";return
this.checkLVal(a,r),this.parseForIn(e,a,t)}return this.checkExpressionErrors(s,!0),t>-
1&&this.unexpected(t),this.parseFor(e,a)}parseFunctionStatement(e,t,r){return
this.next(),this.parseFunction(e,1|(r?0:2),t)}parseIfStatement(e){return
this.next(),e.test=this.parseHeaderExpression(),e.consequent=this.parseStatement("if"),e.alternate=this.eat(o._else)?t
his.parseStatement("if"):null,this.finishNode(e,"IfStatement")}parseReturnStatement(e){return
this.prodParam.hasReturn||this.options.allowReturnOutsideFunction||this.raise(this.state.start,T.IllegalReturn),this.ne
xt(),this.isLineTerminator()?e.argument=null:(e.argument=this.parseExpression(),this.semicolon()),this.finishNode(e
,"ReturnStatement")}parseSwitchStatement(e){this.next(),e.discriminant=this.parseHeaderExpression();const
t=e.cases=[];let
r,n;for(this.expect(o.braceL),this.state.labels.push(je),this.scope.enter(0);!this.match(o.braceR);if(this.match(o._cas
e)||this.match(o._default)){const
e=this.match(o._case);r&&this.finishNode(r,"SwitchCase"),t.push(r=this.startNode()),r.consequent=[],this.next(),e.r
.test=this.parseExpression():(n&&this.raise(this.state.lastTokStart,T.MultipleDefaultsInSwitch),n=!0,r.test=null),this
.expect(o.colon)}else r?r.consequent.push(this.parseStatement(null)):this.unexpected();return
this.scope.exit(),r&&this.finishNode(r,"SwitchCase"),this.next(),this.state.labels.pop(),this.finishNode(e,"SwitchStat
ement")}parseThrowStatement(e){return
this.next(),this.hasPrecedingLineBreak()&&this.raise(this.state.lastTokEnd,T.NewlineAfterThrow),e.argument=this.
parseExpression(),this.semicolon(),this.finishNode(e,"ThrowStatement")}parseCatchClauseParam(){const
e=this.parseBindingAtom(),t="Identifier"===e.type;return this.scope.enter(t?8:0),this.checkLVal(e,"catch
clause",9),e}parseTryStatement(e){if(this.next(),e.block=this.parseBlock(),e.handler=null,this.match(o._catch)){con
st
t=this.startNode();this.next(),this.match(o.parenL)?(this.expect(o.parenL),t.param=this.parseCatchClauseParam(),thi
s.expect(o.parenR)):(t.param=null,this.scope.enter(0),t.body=this.withTopicForbiddingContext(()=>this.parseBlock
(!1,!1)),this.scope.exit(),e.handler=this.finishNode(t,"CatchClause")}return

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e.finalizer=this.eat(o._finally)?this.parseBlock():null,e.handler||e.finalizer||this.raise(e.start,T.NoCatchOrFinally),this
.finishNode(e,"TryStatement")}parseVarStatement(e,t){return
this.next(),this.parseVar(e,!1,t),this.semicolon(),this.finishNode(e,"VariableDeclaration")}parseWhileStatement(e){r
eturn
this.next(),e.test=this.parseHeaderExpression(),this.state.labels.push(Me),e.body=this.withTopicForbiddingContext(
()=>this.parseStatement("while")),this.state.labels.pop(),this.finishNode(e,"WhileStatement")}parseWithStatement(e
){return
this.state.strict&&this.raise(this.state.start,T.StrictWith),this.next(),e.object=this.parseHeaderExpression(),e.body=th
is.withTopicForbiddingContext(()=>this.parseStatement("with")),this.finishNode(e,"WithStatement")}parseEmptyS
tatement(e){return this.next(),this.finishNode(e,"EmptyStatement")}parseLabeledStatement(e,t,r,n){for(const e of
this.state.labels)e.name===t&&this.raise(r.start,T.LabelRedeclaration,t);const
i=this.state.type.isLoop?"loop":this.match(o._switch)?"switch":null;for(let t=this.state.labels.length-1;t>=0;t--
){const r=this.state.labels[t];if(r.statementStart!==e.start)break;r.statementStart=this.state.start,r.kind=i}return
this.state.labels.push({name:t,kind:i,statementStart:this.state.start}),e.body=this.parseStatement(n?-
1===n.indexOf("label"?n+"label":n:"label"),this.state.labels.pop(),e.label=r,this.finishNode(e,"LabeledStatement"
)}parseExpressionStatement(e,t){return
e.expression=t,this.semicolon(),this.finishNode(e,"ExpressionStatement")}parseBlock(e=!1,t=!0,r){const
n=this.startNode();return
e&&this.state.strictErrors.clear(),this.expect(o.braceL),t&&this.scope.enter(0),this.parseBlockBody(n,e,!1,o.braceR,
r),t&&this.scope.exit(),this.finishNode(n,"BlockStatement")}isValidDirective(e){return"ExpressionStatement"===e
.type&&"StringLiteral"===e.expression.type&&!e.expression.extra.parenthesized}parseBlockBody(e,t,r,n,i){const
s=e.body=[],a=e.directives=[];this.parseBlockOrModuleBlockBody(s,t?a:void
0,r,n,i)}parseBlockOrModuleBlockBody(e,t,r,n,i){const s=this.state.strict;let a=!1,o=!1;for(;!this.match(n);){const
n=this.parseStatement(null,r);if(t&&!o){if(this.isValidDirective(n)){const
e=this.stmtToDirective(n);t.push(e,a||"use
strict"!==e.value.value||(a=!0,this.setStrict(!0));continue}o=!0,this.state.strictErrors.clear()}e.push(n)}i&&i.call(this
,a),s||this.setStrict(!1),this.next()}parseFor(e,t){return
e.init=t,this.semicolon(!1),e.test=this.match(o.semi)?null:this.parseExpression(),this.semicolon(!1),e.update=this.ma
tch(o.parenR)?null:this.parseExpression(),this.expect(o.parenR),e.body=this.withTopicForbiddingContext(()=>this.
parseStatement("for")),this.scope.exit(),this.state.labels.pop(),this.finishNode(e,"ForStatement")}parseForIn(e,t,r){c
onst n=this.match(o._in);return this.next(),n?r>-1&&this.unexpected(r):e.await=r>-
1,"VariableDeclaration"!==t.type||null===t.declarations[0].init||n&&!this.state.strict&&"var"===t.kind&&"Identifier
"===t.declarations[0].id.type?"AssignmentPattern"===t.type&&this.raise(t.start,T.InvalidLhs,"for-
loop"):this.raise(t.start,T.ForInOfLoopInitializer,n?"for-in":"for-
of"),e.left=t,e.right=n?this.parseExpression():this.parseMaybeAssignAllowIn(),this.expect(o.parenR),e.body=this.wi
thTopicForbiddingContext(()=>this.parseStatement("for")),this.scope.exit(),this.state.labels.pop(),this.finishNode(e,
n?"ForInStatement":"ForOfStatement")}parseVar(e,t,r){const
n=e.declarations=[],i=this.hasPlugin("typescript");for(e.kind=r;){const
e=this.startNode();if(this.parseVarId(e,r),this.eat(o.eq)?e.init=t?this.parseMaybeAssignDisallowIn():this.parseMayb
eAssignAllowIn():("const"!==r||this.match(o._in)||this.isContextual("of")?"Identifier"===e.id.type||t&&(this.match(
o._in)||this.isContextual("of"))||this.raise(this.state.lastTokEnd,T.DeclarationMissingInitializer,"Complex binding
patterns"):i||this.raise(this.state.lastTokEnd,T.DeclarationMissingInitializer,"Const
declarations"),e.init=null),n.push(this.finishNode(e,"VariableDeclarator")),!this.eat(o.comma))break}return
e}parseVarId(e,t){e.id=this.parseBindingAtom(),this.checkLVal(e.id,"variable declaration","var"===t?5:9,void
0,"var"!==t)}parseFunction(e,t=0,r=!1){const
n=1&t,i=2&t,s=!(n|4&t);this.initFunction(e,r),this.match(o.star)&&i&&this.raise(this.state.start,T.GeneratorInSing
leStatementContext),e.generator=this.eat(o.star),n&&(e.id=this.parseFunctionId(s));const
a=this.state.maybeInArrowParameters;return

```

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this.state.maybeInArrowParameters=!1,this.scope.enter(2),this.prodParam.enter(oe(r,e.generator)),n||(e.id=this.parseFunctionId()),this.parseFunctionParams(e,!1),this.withTopicForbiddingContext(=>{this.parseFunctionBodyAndFinish(e,n?"FunctionDeclaration":"FunctionExpression"))},this.prodParam.exit(),this.scope.exit(),n&&!i&&this.registerFunctionStatementId(e),this.state.maybeInArrowParameters=a,e}parseFunctionId(e){return e||this.match(o.name)?this.parseIdentifier():null}parseFunctionParams(e,t){this.expect(o.parenL),this.expressionScope.enter(new
Ie(3)),e.params=this.parseBindingList(o.parenR,41,!1,t),this.expressionScope.exit()}registerFunctionStatementId(e){e.id&&this.scope.declareName(e.id.name,this.state.strict||e.generator||e.async?this.scope.treatFunctionsAsVar?5:9:17,e.id.start)}parseClass(e,t,r){this.next(),this.takeDecorators(e);const n=this.state.strict;return this.state.strict=!0,this.parseClassId(e,t,r),this.parseClassSuper(e),e.body=this.parseClassBody(!e.superClass,n),this.finishNode(e,t?"ClassDeclaration":"ClassExpression")}isClassProperty(){return this.match(o.eq)||this.match(o.semi)||this.match(o.braceR)}isClassMethod(){return this.match(o.parenL)}isNonstaticConstructor(e){return!(e.computed||e.static||"constructor"!==e.key.name&&"constructor"!==e.key.value)}parseClassBody(e,t){this.classScope.enter();const r={hadConstructor:!1,hadSuperClass:e};let n=[];const i=this.startNode();if(i.body=[],this.expect(o.braceL),this.withTopicForbiddingContext(=>{for(;!this.match(o.braceR);){if(this.eat(o.semi)){if(n.length>0)throw this.raise(this.state.lastTokEnd,T.DecoratorSemicolon);continue}if(this.match(o.at)){n.push(this.parseDecorator());continue}const e=this.startNode();n.length&&(e.decorators=n,this.resetStartLocationFromNode(e,n[0]),n=[]),this.parseClassMember(i,e,r,"constructor"===e.kind&&e.decorators&&e.decorators.length>0&&this.raise(e.start,T.DecoratorConstructor)})),this.state.strict=t,this.next(),n.length)throw this.raise(this.state.start,T.TrailingDecorator);return this.classScope.exit(),this.finishNode(i,"ClassBody")}parseClassMemberFromModifier(e,t){const r=this.parseIdentifier(!0);if(this.isClassMethod()){const n=t;return n.kind="method",n.computed=!1,n.key=r,n.static=!1,this.pushClassMethod(e,n,!1,!1,!1,!0)}if(this.isClassProperty()){const n=t;return n.computed=!1,n.key=r,n.static=!1,e.body.push(this.parseClassProperty(n),!0)}return!1}parseClassMember(e,t,r){const n=this.isContextual("static");if(n){if(this.parseClassMemberFromModifier(e,t))return;if(this.eat(o.braceL))return void this.parseClassStaticBlock(e,t)}this.parseClassMemberWithIsStatic(e,t,r,n)}parseClassMemberWithIsStatic(e,t,r,n){const i=t,s=t,a=t,l=t,c=i,p=i;if(t.static=n,this.eat(o.star)){c.kind="method";const t=this.match(o.privateName);return this.parseClassElementName(c),t?void this.pushClassPrivateMethod(e,s,!0,!1):(this.isNonstaticConstructor(i)&&this.raise(i.key.start,T.ConstructorIsGenerator),void this.pushClassMethod(e,i,!0,!1,!1,!1))}const u=this.state.containsEsc,d=this.match(o.privateName),h=this.parseClassElementName(t),f="Identifier"===h.type,m=this.state.start;if(this.parsePostMemberNameModifiers(p),this.isClassMethod()){if(c.kind="method",d)return void this.pushClassPrivateMethod(e,s,!1,!1);const n=this.isNonstaticConstructor(i);let a=!1;n&&(i.kind="constructor",r.hadConstructor&&!this.hasPlugin("typescript"))&&this.raise(h.start,T.DuplicateConstructor),n&&this.hasPlugin("typescript")&&t.override&&this.raise(h.start,T.OverrideOnConstructor),r.hadConstructor=!0,a=r.hadSuperClass),this.pushClassMethod(e,i,!1,!1,n,a)}else if(this.isClassProperty())d?this.pushClassPrivateProperty(e,l):this.pushClassProperty(e,a);else if(!f||"async"!==h.name||u||this.isLineTerminator())if(!f||"get"!==h.name&&"set"!==h.name||u||this.match(o.star)&&this.isLineTerminator())this.isLineTerminator()?d?this.pushClassPrivateProperty(e,l):this.pushClassProperty(e,a):this.s.unexpected();else{c.kind=h.name;const t=this.match(o.privateName);this.parseClassElementName(i),t?this.pushClassPrivateMethod(e,s,!1,!1):(this.isNonstaticConstructor(i)&&this.raise(i.key.start,T.ConstructorIsAccessor),this.pushClassMethod(e,i,!1,!1,!1,!1),this.checkGetterSetterParams(i)}else{const t=this.eat(o.star);p.optional&&this.unexpected(m),c.kind="method";const

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r=this.match(o.privateName);this.parseClassElementName(c),this.parsePostMemberNameModifiers(p),r?this.pushC
lassPrivateMethod(e,s,t,!0):(this.isNonstaticConstructor(i)&&this.raise(i.key.start,T.ConstructorIsAsync),this.pushC
lassMethod(e,i,t,!0,!1,!1))} } parseClassElementName(e){ const { type:t,value:r,start:n}=this.state;return
t===o.name&&t===o.string||!e.static||"prototype"!==r||this.raise(n,T.StaticPrototype),t===o.privateName&&"constr
uctor"===r&&this.raise(n,T.ConstructorClassPrivateField),this.parsePropertyName(e,!0)} parseClassStaticBlock(e,t
){ var r;this.expectPlugin("classStaticBlock",t.start),this.scope.enter(208);const
n=this.state.labels;this.state.labels=[],this.prodParam.enter(0);const
i=t.body=[];this.parseBlockOrModuleBlockBody(i,void
0,!1,o.braceR),this.prodParam.exit(),this.scope.exit(),this.state.labels=n,e.body.push(this.finishNode(t,"StaticBlock"
)),null!=(r=t.decorators)&&r.length&&this.raise(t.start,T.DecoratorStaticBlock)} pushClassProperty(e,t){ t.computed||
"constructor"!==t.key.name&&"constructor"!==t.key.value||this.raise(t.key.start,T.ConstructorClassField),e.body.pu
sh(this.parseClassProperty(t)) pushClassPrivateProperty(e,t){ const
r=this.parseClassPrivateProperty(t);e.body.push(r),this.classScope.declarePrivateName(this.getPrivateNameSV(r.ke
y),0,r.key.start)} pushClassMethod(e,t,r,n,i,s){ e.body.push(this.parseMethod(t,r,n,i,s,"ClassMethod",!0))} pushClass
PrivateMethod(e,t,r,n){ const i=this.parseMethod(t,r,n,!1,!1,"ClassPrivateMethod",!0);e.body.push(i);const
s="get"===i.kind?i.static?6:2:"set"===i.kind?i.static?5:1:0;this.classScope.declarePrivateName(this.getPrivateName
SV(i.key),s,i.key.start)} parsePostMemberNameModifiers(e){ } parseClassPrivateProperty(e){ return
this.parseInitializer(e),this.semicolon(),this.finishNode(e,"ClassPrivateProperty")} parseClassProperty(e){ return
this.parseInitializer(e),this.semicolon(),this.finishNode(e,"ClassProperty")} parseInitializer(e){ this.scope.enter(80),th
is.expressionScope.enter(ke()),this.prodParam.enter(0),e.value=this.eat(o.eq)?this.parseMaybeAssignAllowIn():null,
this.expressionScope.exit(),this.prodParam.exit(),this.scope.exit()} parseClassId(e,t,r,n=139){ this.match(o.name)?(e.i
d=this.parseIdentifier(),t&&this.checkLVal(e.id,"class
name",n)):r||t?e.id=null:this.unexpected(null,T.MissingClassName)} parseClassSuper(e){ e.superClass=this.eat(o._e
xtends)?this.parseExprSubscripts():null} parseExport(e){ const
t=this.maybeParseExportDefaultSpecifier(e),r=!t||this.eat(o.comma),n=r&&this.eatExportStar(e),i=n&&this.maybeP
arseExportNamespaceSpecifier(e),s=r&&(!i||this.eat(o.comma)),a=t||n;if(n&&!i)return
t&&this.unexpected(),this.parseExportFrom(e,!0),this.finishNode(e,"ExportAllDeclaration");const
l=this.maybeParseExportNamedSpecifiers(e);if(t&&r&&!n&&!i&&s&&!l)throw
this.unexpected(null,o.braceL);let
c;if(a||l?(c=!1,this.parseExportFrom(e,a)):c=this.maybeParseExportDeclaration(e,a)||c)return
this.checkExport(e,!0,!1,!e.source),this.finishNode(e,"ExportNamedDeclaration");if(this.eat(o._default))return
e.declaration=this.parseExportDefaultExpression(),this.checkExport(e,!0,!0),this.finishNode(e,"ExportDefaultDecla
ration");throw this.unexpected(null,o.braceL)} eatExportStar(e){ return
this.eat(o.star)} maybeParseExportDefaultSpecifier(e){ if(this.isExportDefaultSpecifier()){ this.expectPlugin("export
DefaultFrom");const t=this.startNode();return
t.exported=this.parseIdentifier(!0),e.specifiers=[this.finishNode(t,"ExportDefaultSpecifier"),!0]return!1} maybePars
eExportNamespaceSpecifier(e){ if(this.isContextual("as")){ e.specifiers||(e.specifiers=[]);const
t=this.startNodeAt(this.state.lastTokStart,this.state.lastTokStartLoc);return
this.next(),t.exported=this.parseModuleExportName(),e.specifiers.push(this.finishNode(t,"ExportNamespaceSpecifi
er"),!0}return!1} maybeParseExportNamedSpecifiers(e){ return!!this.match(o.braceL)&&(e.specifiers||(e.specifiers=
[]),e.specifiers.push(...this.parseExportSpecifiers()),e.source=null,e.declaration=null,!0)} maybeParseExportDeclarat
ion(e){ return!!this.shouldParseExportDeclaration()&&(e.specifiers=[],e.source=null,e.declaration=this.parseExport
Declaration(e,!0))isAsyncFunction() if(!this.isContextual("async"))return!1;const
e=this.nextTokenStart();return!l.test(this.input.slice(this.state.pos,e))&&this.isUnparsedContextual(e,"function")} pa
rseExportDefaultExpression(){ const e=this.startNode(),t=this.isAsyncFunction();if(this.match(o._function)||t)return
this.next(),t&&this.next(),this.parseFunction(e,5,t);if(this.match(o._class))return
this.parseClass(e,!0,!0);if(this.match(o.at))return
this.hasPlugin("decorators")&&this.getPluginOption("decorators","decoratorsBeforeExport")&&this.raise(this.state.

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start,T.DecoratorBeforeExport),this.parseDecorators(!1),this.parseClass(e,!0,!0);if(this.match(o._const)||this.match(
o._var)||this.isLet())throw this.raise(this.state.start,T.UnsupportedDefaultExport);{const
e=this.parseMaybeAssignAllowIn();return this.semicolon(),e} }parseExportDeclaration(e){return
this.parseStatement(null)}isExportDefaultSpecifier(){if(this.match(o.name)){const
e=this.state.value;if("async"===e&&!this.state.containsEsc||"let"===e)return!1;if(("type"===e||"interface"===e)&&
!this.state.containsEsc){const
e=this.lookahead();if(e.type===o.name&&"from"!==e.value||e.type===o.braceL)return
this.expectOnePlugin(["flow","typescript"],!1)}else if(!this.match(o._default))return!1;const
e=this.nextTokenStart(),t=this.isUnparsedContextual(e,"from");if(44===this.input.charCodeAtAt(e)||this.match(o.nam
e)&&t)return!0;if(this.match(o._default)&&t){const t=this.input.charCodeAtAt(this.nextTokenStartSince(e+4));return
34===t||39===t}return!1} }parseExportFrom(e,t){if(this.eatContextual("from")){e.source=this.parseImportSource(),t
his.checkExport(e);const t=this.maybeParseImportAssertions();t&&(e.assertions=t)}else
t?this.unexpected():e.source=null;this.semicolon()}shouldParseExportDeclaration(){if(this.match(o.at)&&(this.expe
ctOnePlugin(["decorators","decorators-
legacy"]),this.hasPlugin("decorators"))){if(!this.getPluginOption("decorators","decoratorsBeforeExport"))return!0;t
his.unexpected(this.state.start,T.DecoratorBeforeExport)}return"var"===this.state.type.keyword||"const"===this.stat
e.type.keyword||"function"===this.state.type.keyword||"class"===this.state.type.keyword||this.isLet()||this.isAsyncF
unction()}checkExport(e,t,r,n){if(t)if(r){if(this.checkDuplicateExports(e,"default"),this.hasPlugin("exportDefaultFrom
")){var i;const t=e.declaration;"Identifier"!==t.type||"from"!==t.name||t.end-
t.start!==4||null!=(i=t.extra)&&i.parenthesized||this.raise(t.start,T.ExportDefaultFromAsIdentifier)} }else
if(e.specifiers&&e.specifiers.length)for(const t of
e.specifiers){const {exported:e}=t,r="Identifier"===e.type?e.name:e.value;if(this.checkDuplicateExports(t,r,!n&&t.
local){const {local:e}=t;"StringLiteral"===e.type?this.raise(t.start,T.ExportBindingIsString,e.value,r):(this.checkRes
ervedWord(e.name,e.start,!0,!1),this.scope.checkLocalExport(e))} }else
if(e.declaration)if("FunctionDeclaration"===e.declaration.type||"ClassDeclaration"===e.declaration.type){const
t=e.declaration.id;if(!t)throw new Error("Assertion failure");this.checkDuplicateExports(e,t.name)}else
if("VariableDeclaration"===e.declaration.type)for(const t of
e.declaration.declarations)this.checkDeclaration(t.id);if(this.state.decoratorStack[this.state.decoratorStack.length-
1].length)throw
this.raise(e.start,T.UnsupportedDecoratorExport)}checkDeclaration(e){if("Identifier"===e.type)this.checkDuplicate
Exports(e,e.name);else if("ObjectPattern"===e.type)for(const t of e.properties)this.checkDeclaration(t);else
if("ArrayPattern"===e.type)for(const t of
e.elements)t&&this.checkDeclaration(t);else"ObjectProperty"===e.type?this.checkDeclaration(e.value):"RestEleme
nt"===e.type?this.checkDeclaration(e.argument):"AssignmentPattern"===e.type&&this.checkDeclaration(e.left)}ch
eckDuplicateExports(e,t){this.state.exportedIdentifiers.indexOf(t)>-
1&&this.raise(e.start,"default"===t?T.DuplicateDefaultExport:T.DuplicateExport,t),this.state.exportedIdentifiers.pu
sh(t)}parseExportSpecifiers(){const e=[];let t=!0;for(this.expect(o.braceL);!this.eat(o.braceR);){if(t)!!1;else
if(this.expect(o.comma),this.eat(o.braceR))break;const
r=this.startNode();r.local=this.parseModuleExportName(),r.exported=this.eatContextual("as"?this.parseModuleExp
ortName():r.local.__clone()),e.push(this.finishNode(r,"ExportSpecifier"))}return
e}parseModuleExportName(){if(this.match(o.string)){const
e=this.parseLiteral(this.state.value,"StringLiteral"),t=e.value.match(Fe);return
t&&this.raise(e.start,T.ModuleExportNameHasLoneSurrogate,t[0].charCodeAt(0).toString(16)),e}return
this.parseIdentifier(!0)}parseImport(e){if(e.specifiers=[],!this.match(o.string)){const
t=!this.maybeParseDefaultImportSpecifier(e)||this.eat(o.comma),r=t&&this.maybeParseStarImportSpecifier(e);t&&
r&&this.parseNamedImportSpecifiers(e),this.expectContextual("from")}e.source=this.parseImportSource();const
t=this.maybeParseImportAssertions();if(t)e.assertions=t;else{const
t=this.maybeParseModuleAttributes();t&&(e.attributes=t)}return

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this.semicolon(),this.finishNode(e,"ImportDeclaration"))}parseImportSource(){return
this.match(o.string)||this.unexpected(),this.parseExprAtom()}shouldParseDefaultImport(e){return
this.match(o.name)}parseImportSpecifierLocal(e,t,r,n){t.local=this.parseIdentifier(),this.checkLVal(t.local,n,9),e.specifiers.push(this.finishNode(t,r))}parseAssertEntries(){const e=[],t=new
Set;do{if(this.match(o.braceR))break;const
r=this.startNode(),n=this.state.value;if(this.match(o.string)?r.key=this.parseLiteral(n,"StringLiteral"):r.key=this.parseIdentifier(!0),this.expect(o.colon),"type"!==n&&this.raise(r.key.start,T.ModuleAttributeDifferentFromType,n),t.has(n)&&this.raise(r.key.start,T.ModuleAttributesWithDuplicateKeys,n),t.add(n,!this.match(o.string))throw
this.unexpected(this.state.start,T.ModuleAttributeInvalidValue);r.value=this.parseLiteral(this.state.value,"StringLiteral"),this.finishNode(r,"ImportAttribute"),e.push(r)}while(this.eat(o.comma));return
e}maybeParseModuleAttributes(){if(!this.match(o._with)||this.hasPrecedingLineBreak())return
this.hasPlugin("moduleAttributes")?[]:null;this.expectPlugin("moduleAttributes"),this.next();const e=[],t=new
Set;do{const
r=this.startNode();if(r.key=this.parseIdentifier(!0),"type"!==r.key.name&&this.raise(r.key.start,T.ModuleAttributeDifferentFromType,r.key.name),t.has(r.key.name)&&this.raise(r.key.start,T.ModuleAttributesWithDuplicateKeys,r.key.name),t.add(r.key.name),this.expect(o.colon),!this.match(o.string))throw
this.unexpected(this.state.start,T.ModuleAttributeInvalidValue);r.value=this.parseLiteral(this.state.value,"StringLiteral"),this.finishNode(r,"ImportAttribute"),e.push(r)}while(this.eat(o.comma));return
e}maybeParseImportAssertions(){if(!this.isContextual("assert")||this.hasPrecedingLineBreak())return
this.hasPlugin("importAssertions")?[]:null;this.expectPlugin("importAssertions"),this.next(),this.eat(o.braceL);const e=this.parseAssertEntries();return
this.eat(o.braceR),e}maybeParseDefaultImportSpecifier(e){return!this.shouldParseDefaultImport(e)&&(this.parseImportSpecifierLocal(e,this.startNode(),"ImportDefaultSpecifier","default import specifier"),!0)}maybeParseStarImportSpecifier(e){if(this.match(o.star)){const t=this.startNode();return
this.next(),this.expectContextual("as"),this.parseImportSpecifierLocal(e,t,"ImportNamespaceSpecifier","import namespace specifier"),!0}return!1}parseNamedImportSpecifiers(e){let
t=!0;for(this.expect(o.braceL);!this.eat(o.braceR);){if(t=!1;else{if(this.eat(o.colon))throw
this.raise(this.state.start,T.DestructureNamedImport);if(this.expect(o.comma),this.eat(o.braceR))break}this.parseImportSpecifier(e)}return
this.parseImportSpecifier(e)}const
t=this.startNode();if(t.imported=this.parseModuleExportName(),this.eatContextual("as"))t.local=this.parseIdentifier();else{const{imported:e}=t;if("StringLiteral"===e.type)throw
this.raise(t.start,T.ImportBindingIsString,e.value);this.checkReservedWord(e.name,t.start,!0,!0),t.local=e.__clone()}this.checkLVal(t.local,"import specifier",9),e.specifiers.push(this.finishNode(t,"ImportSpecifier"))}isThisParam(e){return"Identifier"===e.type&&
"this"===e.name}}{constructor(e,t){super(e=function(e){const t={};for(const r of
Object.keys(ge))t[r]=e&&null!=e[r]?e[r]:ge[r];return
t}(e),t),this.options=e,this.initializeScopes(),this.plugins=function(e){const t=new Map;for(const r of
e){const[e,n]=Array.isArray(r)?r:[r,{}];t.has(e)||t.set(e,n||{ })}return
t}(this.options.plugins),this.filename=e.sourceFilename}getScopeHandler(){return
q}parse(){this.enterInitialScopes();const e=this.startNode(),t=this.startNode();return
this.nextToken(),e.errors=null,this.parseTopLevel(e,t),e.errors=this.state.errors,e}}function Be(e,t){let r=Re;return
null!=e&&e.plugins&&(function(e){if(he(e,"decorators")){if(he(e,"decorators-legacy"))throw new Error("Cannot use the decorators and decorators-legacy plugin together");const
t=fe(e,"decorators","decoratorsBeforeExport");if(null===t)throw new Error("The \'decorators\' plugin requires a
\'decoratorsBeforeExport\' option, whose value must be a boolean. If you are migrating from Babylon/Babel 6 or want to use the old decorators proposal, you should use the \'decorators-legacy\' plugin instead of
\'decorators\'.");if("boolean"!==typeof t)throw new Error("\'decoratorsBeforeExport\' must be a
boolean.")}if(he(e,"flow")&&he(e,"typescript"))throw new Error("Cannot combine flow and typescript

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plugins.");if(he(e,"placeholders")&&he(e,"v8intrinsic"))throw new Error("Cannot combine placeholders and
v8intrinsic plugins.");if(he(e,"pipelineOperator")&&!me.includes(fe(e,"pipelineOperator","proposal"))throw new
Error("\pipelineOperator\ requires \proposal\ option whose value should be one of: "+me.map(e=>`\${e}\`).join(",
"));if(he(e,"moduleAttributes")){if(he(e,"importAssertions"))throw new Error("Cannot combine importAssertions
and moduleAttributes plugins.");if("may-2020"!==(fe(e,"moduleAttributes","version"))throw new Error("The
\moduleAttributes\ plugin requires a \version\ option, representing the last proposal update. Currently, the only
supported value is \may-
2020\.")if(he(e,"recordAndTuple")&&!ye.includes(fe(e,"recordAndTuple","syntaxType"))throw new
Error("\recordAndTuple\ requires \syntaxType\ option whose value should be one of:
"+ye.map(e=>`\${e}\`).join(", ");if(he(e,"asyncDoExpressions")&&!he(e,"doExpressions")){const e=new
Error("\asyncDoExpressions\ requires \doExpressions\, please add \doExpressions\ to parser plugins.");throw
e.missingPlugins="doExpressions",e }(e.plugins),r=function(e){const t=be.filter(t=>he(e,t),r=t.join("/");let
n=Ue[r];if(!n){n=Re;for(const e of t)n=Te[e](n);Ue[r]=n}return n}(e.plugins),new r(e,t)}const
Ue={};t.parse=function(e,t){var r;if("unambiguous"!==(null==(r=t)?void 0:r.sourceType))return
Be(t,e).parse();t=Object.assign({},t);try{t.sourceType="module";const
r=Be(t,e),n=r.parse();if(r.sawUnambiguousESM)return n;if(r.ambiguousScriptDifferentAst)try{return
t.sourceType="script",Be(t,e).parse()}catch(e){}else n.program.sourceType="script";return n}catch(r){try{return
t.sourceType="script",Be(t,e).parse()}catch(e){}throw r}},t.parseExpression=function(e,t){const r=Be(t,e);return
r.options.strictMode&&(r.state.strict!=0),r.getExpression(),t.tokenTypes=o},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=function(e,t,r){const{ metadata:a,names:l}=functi
on(e,t,r){let n,s,a,l="";do{l+="${";const c=o(t,l);n=c.names,s=new
Set(n),a=(0,i.default)(e,e.code(c.code),{ parser:r.parser,placeholderWhitelist:new
Set(c.names.concat(r.placeholderWhitelist?Array.from(r.placeholderWhitelist):[])),placeholderPattern:r.placeholder
Pattern,preserveComments:r.preserveComments,syntacticPlaceholders:r.syntacticPlaceholders })} while(a.placeholde
rs.some(e=>e.isDuplicate&&s.has(e.name)));return{ metadata:a,names:n }}(e,t,r);return t=>{ const r={ };return
t.forEach((e,t)=>{ r[l[t]]=e },t=>{ const i=(0,n.normalizeReplacements)(t);return
i&&Object.keys(i).forEach(e=>{ if(Object.prototype.hasOwnProperty.call(r,e))throw new Error("Unexpected
replacement overlap.")),e.unwrap((0,s.default)(a,i?Object.assign(i,r):r) ) } } );var
n=r(59),i=a(r(127)),s=a(r(128));function a(e){return e&&e.__esModule?e:{ default:e }}function o(e,t){const r=[];let
n=e[0];for(let i=1;i<e.length;i++){ const s=`${t}${i-
1}`;r.push(s),n+=s+e[i]}return{ names:r,code:n }}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.matchesPattern=function(e,t){ return
n.matchesPattern(this.node,e,t),t.has=s,t.isStatic=function(){ return
this.scope.isStatic(this.node)},t.isnt=function(e){ return!this.has(e)},t.equals=function(e,t){ return
this.node[e]==t},t.isNodeType=function(e){ return
n.isType(this.type,e)},t.canHaveVariableDeclarationOrExpression=function(){ return("init"===this.key||"left"===thi
s.key)&&this.parentPath.isFor()),t.canSwapBetweenExpressionAndStatement=function(e){ if("body"!==(this.key||t
his.parentPath.isArrowFunctionExpression())return!1;if(this.isExpression())return
n.isBlockStatement(e);if(this.isBlockStatement())return
n.isExpression(e);return!1},t.isCompletionRecord=function(e){ let t=this,r=!0;do{ const
n=t.container;if(t.isFunction()&&!r)return!1;if(r=!1,Array.isArray(n)&&t.key!==n.length-
1)return!1} while((t=t.parentPath)&&!t.isProgram());return!0},t.isStatementOrBlock=function(){ return!this.parentPa
th.isLabeledStatement()&&!n.isBlockStatement(this.container)&&n.STATEMENT_OR_BLOCK_KEYS.includes(t
his.key)},t.referencesImport=function(e,t){ if(!this.isReferencedIdentifier())return!1;const
r=this.scope.getBinding(this.node.name);if(!r||"module"!==(r.kind))return!1;const
n=r.path,i=n.parentPath;if(!i.isImportDeclaration())return!1;if(i.node.source.value===e)return!1;if(!t)return!0;if(n.isI
mportDefaultSpecifier()&&"default"===t)return!0;if(n.isImportNamespaceSpecifier()&&"*"===t)return!0;if(n.isIm
portSpecifier()&&n.node.imported.name===t)return!0;return!1},t.getSource=function(){ const

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e=this.node;if(e.end){const t=this.hub.getCode();if(t)return
t.slice(e.start,e.end)}return""},t.willIMaybeExecuteBefore=function(e){return"after"!==this._guessExecutionStatus
RelativeTo(e)},t._guessExecutionStatusRelativeTo=function(e){const
t={this:o(this),target:o(e)};if(t.target.node!==t.this.node)return
this._guessExecutionStatusRelativeToDifferentFunctions(t.target);const
r={target:e.getAncestry(),this:this.getAncestry()};if(r.target.indexOf(this)>=0)return"after";if(r.this.indexOf(e)>=0)r
eturn"before";let i;const s={target:0,this:0};for(;!i&&s.this<r.this.length;){const
e=r.this[s.this];s.target=r.target.indexOf(e),s.target>=0?i=e.s.this++:if(!i)throw new Error("Internal Babel error -
The two compared nodes don't appear to belong to the same program.");if(c(r.this,s.this-1)|c(r.target,s.target-
1))return"unknown";const a={this:r.this[s.this-1],target:r.target[s.target-
1]};if(a.target.listKey&&a.this.listKey&&a.target.container===a.this.container)return
a.target.key>a.this.key?"before":"after";const
l=n.VISITOR_KEYS[i.type],p={this:l.indexOf(a.this.parentKey),target:l.indexOf(a.target.parentKey)};return
p.target>p.this?"before":"after"},t._guessExecutionStatusRelativeToDifferentFunctions=function(e){if(!e.isFunction
Declaration()||e.parentPath.isExportDeclaration())return"unknown";const
t=e.scope.getBinding(e.node.id.name);if(!t.references)return"before";const r=t.referencePaths;let n;for(const t of
r){if(!t.find(t=>t.node===e.node))continue;if("callee"!==t.key||!t.parentPath.isCallExpression())return"unknown";if
(p.has(t.node))continue;p.add(t.node);const
r=this._guessExecutionStatusRelativeTo(t);if(p.delete(t.node),n&&n!==(r))return"unknown";n=r}return
n},t.resolve=function(e,t){return
this._resolve(e,t)||this},t._resolve=function(e,t){if(t&&t.indexOf(this)>=0)return;if((t=t||[]).push(this),this.isVariable
Declarator()){if(this.get("id").isIdentifier())return this.get("init").resolve(e,t)}else
if(this.isReferencedIdentifier()){const
r=this.scope.getBinding(this.node.name);if(!r)return;if(!r.constant)return;if("module"===r.kind)return;if(r.path!==th
is){const n=r.path.resolve(e,t);if(this.find(e=>e.node===n.node))return;return
n}}else if(this.isTypeCastExpression())return
this.get("expression").resolve(e,t);if(e&&this.isMemberExpression()){const
r=this.toComputedKey();if(!n.isLiteral(r))return;const
i=r.value,s=this.get("object").resolve(e,t);if(s.isObjectExpression()){const r=s.get("properties");for(const n of
r){if(!n.isProperty())continue;const r=n.get("key");let
s=n.isnt("computed")&&r.isIdentifier({name:i});if(s=s||r.isLiteral({value:i}),s)return
n.get("value").resolve(e,t)}else if(s.isArrayExpression()&&!isNaN(+i)){const r=s.get("elements")[i];if(r)return
r.resolve(e,t)}}},t.isConstantExpression=function(){if(this.isIdentifier()){const
e=this.scope.getBinding(this.node.name);return!e&&e.constant;if(this.isLiteral())return!this.isRegExpLiteral()&&
!this.isTemplateLiteral()||this.get("expressions").every(e=>e.isConstantExpression());if(this.isUnaryExpression())re
turn"void"===this.get("operator").node&&this.get("argument").isConstantExpression();if(this.isBinaryExpression()
)return
this.get("left").isConstantExpression()&&this.get("right").isConstantExpression();return!1},t.isInStrictMode=functi
on(){return!(this.isProgram()?this.this.parentPath.find(e=>{if(e.isProgram({sourceType:"module"}))return!0;if(e.i
sClass())return!0;if(!e.isProgram()&&!e.isFunction())return!1;if(e.isArrowFunctionExpression()&&!e.get("body").i
sBlockStatement())return!1;let{node:t}=e,e.isFunction()&&(t=t.body);for(const e of t.directives)if("use
strict"===e.value.value)return!0}},t.is=void 0;var n=function(e){if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=i);if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(0));function i(o){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e}function s(e){const t=this.node&&this.node[e];return

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t&&Array.isArray(t)?!t.length:!!t}const a=s;function
o(e){return(e.scope.getFunctionParent()||e.scope.getProgramParent()).path}function
l(e,t){switch(e){case"LogicalExpression":return"right"===t;case"ConditionalExpression":case"IfStatement":return"
consequent"===t||"alternate"===t;case"WhileStatement":case"DoWhileStatement":case"ForInStatement":case"For
OfStatement":return"body"===t;case"ForStatement":return"body"===t||"update"===t;case"SwitchStatement":return
"cases"===t;case"TryStatement":return"handler"===t;case"AssignmentPattern":return"right"===t;case"OptionalMe
mberExpression":return"property"===t;case"OptionalCallExpression":return"arguments"===t;default:return!1}}fun
ction c(e,t){for(let r=0;r<t;r++){const t=e[r];if(l(t.parent.type,t.parentKey))return!0}return!1}.t.is=a;const p=new
WeakSet},function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.call=function(e){const
t=this.opts;if(this.debug(e),this.node&&this._call(t[e]))return!0;if(this.node)return
this._call(t[this.node.type]&&t[this.node.type][e]);return!1},t._call=function(e){if(!e)return!1;for(const t of
e){if(!t)continue;const e=this.node;if(!e)return!0;const r=t.call(this.state,this,this.state);if(r&&"object"===typeof
r&&"function"===typeof r.then)throw new Error("You appear to be using a plugin with an async traversal visitor,
which your current version of Babel does not support. If you're using a published plugin, you may need to upgrade
your @babel/core version.");if(r)throw new Error("Unexpected return value from visitor method
"+t);if(this.node!==e)return!0;if(this._traverseFlags>0)return!0}return!1},t.isBlacklisted=t.isDenylist=function(){
var e;const t=null!=(e=this.opts.denylist)?e:this.opts.blacklist;return t&&t.indexOf(this.node.type)>-
1},t.visit=function(){if(!this.node)return!1;if(this.isDenylist())return!1;if(this.opts.shouldSkip&&this.opts.should
Skip(this))return!1;if(this.shouldSkip||this.call("enter")||this.shouldSkip)return
this.debug("Skip..."),this.shouldStop;return this.debug("Recursing
into..."),i.default.node(this.node,this.opts,this.scope,this.state,this,this.skipKeys),this.call("exit"),this.shouldStop},t.s
kip=function(){this.shouldSkip=!0},t.skipKey=function(e){null===this.skipKeys&&(this.skipKeys={});this.skipKey
s[e]=!0},t.stop=function(){this._traverseFlags|=s.SHOULD_SKIP|s.SHOULD_STOP},t.setScope=function(){if(this
.opts&&this.opts.noScope)return;let
e,t=this.parentPath;for(;t&&!e;){if(t.opts&&t.opts.noScope)return;e=t.scope,t=t.parentPath}this.scope=this.getScop
e(e),this.scope&&this.scope.init(),t.setContext=function(e){null!=this.skipKeys&&(this.skipKeys={});this._traver
seFlags=0,e&&(this.context=e,this.state=e.state,this.opts=e.opts);return
this.setScope(),this},t.resync=function(){if(this.removed)return;this._resyncParent(),this._resyncList(),this._resyncK
ey(),t._resyncParent=function(){this.parentPath&&(this.parent=this.parentPath.node)},t._resyncKey=function(){if(
!this.container)return;if(this.node===this.container[this.key])return;if(Array.isArray(this.container)){for(let
e=0;e<this.container.length;e++)if(this.container[e]===this.node)return this.setKey(e)}else for(const e of
Object.keys(this.container))if(this.container[e]===this.node)return
this.setKey(e);this.key=null},t._resyncList=function(){if(!this.parent||!this.inList)return;const
e=this.parent[this.listKey];if(this.container===e)return;this.container=e||null},t._resyncRemoved=function(){null!=t
his.key&&this.container&&this.container[this.key]===this.node||this._markRemoved(),t.popContext=function(){t
his.contexts.pop(),this.contexts.length>0?this.setContext(this.contexts[this.contexts.length-1]):this.setContext(void
0)},t.pushContext=function(e){this.contexts.push(e),this.setContext(e)},t.setup=function(e,t,r,n){this.listKey=r,this
.container=t,this.parentPath=e||this.parentPath,this.setKey(n)},t.setKey=function(e){var
t;this.key=e,this.node=this.container[this.key],this.type=null==(t=this.node)?void
0:t.type},t.requeue=function(e=this){if(e.removed)return;const t=this.contexts;for(const r of
t)r.maybeQueue(e)},t._getQueueContexts=function(){let
e=this,t=this.contexts;for(;!t.length&&(e=e.parentPath,e);)t=e.contexts;return t};var
n,i=(n=r(17))&&n.__esModule?n:{default:n},s=r(8)},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.remove=function(){var
e;this._assertUnremoved(),this.resync(),(null==(e=this.opts)?void
0:e.noScope)||this._removeFromScope();if(this._callRemovalHooks())return void
this._markRemoved(),this.shareCommentsWithSiblings(),this._remove(),this._markRemoved(),t._removeFromScop
e=function(){const

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e=this.getBindingIdentifiers();Object.keys(e).forEach(e=>this.scope.removeBinding(e)),t._callRemovalHooks=function()
for(const e of n.hooks)if(e(this,this.parentPath))return!0,t._remove=function(){Array.isArray(this.container)?(this.container.splice(this.key,1),this.updateSiblingKeys(this.key,-1)):this._replaceWith(null)},t._markRemoved=function(){this._traverseFlags|=i.SHOULD_SKIP|i.REMOVED,this.node=null},t._assertUnremoved=function(){if(this.removed)throw this.buildCodeFrameError("NodePath has been removed so is read-only.");var n=r(367),i=r(8),function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.hooks=void 0;t.hooks=[function(e,t){if("test"===e.key&&(t.isWhile()||t.isSwitchCase())||"declaration"===e.key&&t.isExportDeclaration()||"body"===e.key&&t.isLabeledStatement()||"declarations"===e.listKey&&t.isVariableDeclaration()&&1===t.node.declarations.length||"expression"===e.key&&t.isExpressionStatement())return t.remove(),!0},function(e,t){if(t.isSequenceExpression()&&1===t.node.expressions.length)return t.replaceWith(t.node.expressions[0]),!0},function(e,t){if(t.isBinary())return"left"===e.key?t.replaceWith(t.node.right):t.replaceWith(t.node.left),!0},function(e,t){if(t.isIfStatement()&&("consequent"===e.key||"alternate"===e.key)||"body"===e.key&&(t.isLoop()||t.isArrowFunctionExpression()))return e.replaceWith({type:"BlockStatement",body:[]}),!0}],function(e,t,r){"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.insertBefore=function(e){this._assertUnremoved(),e=this._verifyNodeList(e);const{parentPath:t}=this;if(t.isExpressionStatement()||t.isLabeledStatement()||t.isExportNamedDeclaration()||t.isExportDefaultDeclaration()&&this.isDeclaration())return t.insertBefore(e);if(this.isNodeType("Expression")&&!this.isJSXElement()||t.isForStatement()&&"init"===this.key)return this.node&&e.push(this.node),this.replaceExpressionWithStatements(e);if(Array.isArray(this.container))return this._containerInsertBefore(e);if(this.isStatementOrBlock()){const t=this.node&&(t.isExpressionStatement()||null!==this.node.expression);return this.replaceWith(a.blockStatement(t?[this.node]:[])),this.unshiftContainer("body",e)}throw new Error("We don't know what to do with this node type. We were previously a Statement but we can't fit in here?")},t._containerInsert=function(e,t){this.updateSiblingKeys(e,t.length);const r=[];this.container.splice(e,0,...t);for(let n=0;n<t.length;n++){const t=e+n,i=this.getSibling(t);r.push(i),this.context&&this.context.queue&&i.pushContext(this.context)}const n=this._getQueueContexts();for(const e of r){e.setScope(),e.debug("Inserted.");for(const t of n)t.maybeQueue(e,!0)}return r},t._containerInsertBefore=function(e){return this._containerInsert(this.key,e)},t._containerInsertAfter=function(e){return this._containerInsert(this.key+1,e)},t.insertAfter=function(e){this._assertUnremoved(),e=this._verifyNodeList(e);const{parentPath:t}=this;if(t.isExpressionStatement()||t.isLabeledStatement()||t.isExportNamedDeclaration()||t.isExportDefaultDeclaration()&&this.isDeclaration())return t.insertAfter(e.map(e=>a.isExpression(e)?a.expressionStatement(e):e));if(this.isNodeType("Expression")&&!this.isJSXElement()&&!t.isJSXElement()||t.isForStatement()&&"init"===this.key){if(this.node){let{scope:r}=this;t.isMethod({computed:!0,key:this.node})&&(r=r.parent);const n=r.generateDeclaredUidIdentifier();e.unshift(a.expressionStatement(a.assignmentExpression("=",a.cloneNode(n),this.is.node))),e.push(a.expressionStatement(a.cloneNode(n)))}return this.replaceExpressionWithStatements(e)}if(Array.isArray(this.container))return this._containerInsertAfter(e);if(this.isStatementOrBlock()){const t=this.node&&(t.isExpressionStatement()||null!==this.node.expression);return this.replaceWith(a.blockStatement(t?[this.node]:[])),this.pushContainer("body",e)}throw new Error("We don't know what to do with this node type. We were previously a Statement but we can't fit in here?")},t.updateSiblingKeys=function(e,t){if(!this.parent)return;const r=n.path.get(this.parent);for(let n=0;n<r.length;n++){const i=r[n];i.key>=e&&(i.key+=t)},t._verifyNodeList=function(e){if(!e)return[];e.constructor!==Array&&(e=[e]);for(l

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let t=0;<e.length;t++){const r=e[t];let n;if(r?"object"!==typeof r?n="contains a non-object node":r.type?r instanceof
s.default&&(n="has a NodePath when it expected a raw object"):n="without a type":n="has falsy node",n){const
e=Array.isArray(r)?"array":typeof r;throw new Error(`Node list ${n} with the index of ${t} and type of
${e}`)}return e},t.unshiftContainer=function(e,t){return
this._assertUnremoved(),t=this._verifyNodeList(t),s.default.get({parentPath:this,parent:this.node,container:this.node
[e],listKey:e,key:0})._containerInsertBefore(t),t.pushContainer=function(e,t){this._assertUnremoved(),t=this._veri
fyNodeList(t);const r=this.node[e];return
s.default.get({parentPath:this,parent:this.node,container:r,listKey:e,key:r.length}).replaceWithMultiple(t),t. hoist=f
unction(e=this.scope){return new i.default(this,e).run()};var
n=r(38),i=l(r(369)),s=l(r(8)),a=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof
e&&"function"!==typeof e)return{default:e};var t=o();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0));function o(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
o=function(){return e},e}function l(e){return e&&e.__esModule?e:{default:e}},function(e,t,r){"use
strict";Object.defineProperty(t,"__esModule",{value:!0}),t.default=void 0;var
n=function(e){if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof
e)return{default:e};var t=i();if(t&&t.has(e))return t.get(e);var
r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){return e},e}const
s={ReferencedIdentifier(e,t){if(e.isJSXIdentifier())&&n.react.isCompatTag(e.node.name)&&!e.parentPath.isJSXMe
mberExpression())return;if("this"===e.node.name){let
r=e.scope;do{if(r.path.isFunction())&&!r.path.isArrowFunctionExpression())break}while(r=r.parent);r&&t.breakOn
ScopePaths.push(r.path)}const r=e.scope.getBinding(e.node.name);if(r){for(const n of
r.constantViolations)if(n.scope!==r.path.scope)return t.mutableBinding=!0,void
e.stop();r===t.scope.getBinding(e.node.name)&&(t.bindings[e.node.name]=r)}};t.default=class{constructor(e,t){th
is.breakOnScopePaths=[],this.bindings={},this.mutableBinding=!1,this.scopes=[],this.scope=t,this.path=e,this.attac
hAfter=!1}isCompatibleScope(e){for(const t of Object.keys(this.bindings)){const
r=this.bindings[t];if(!e.bindingIdentifierEquals(t,r.identifier))return!1}return!0}getCompatibleScopes(){let
e=this.path.scope;do{if(!this.isCompatibleScope(e))break;if(this.scopes.push(e),this.breakOnScopePaths.indexOf(e
.path)>=0)break}while(e=e.parent)}getAttachmentPath(){let e=this._getAttachmentPath();if(!e)return;let
t=e.scope;if(t.path===e&&(t=e.scope.parent),t.path.isProgram()||t.path.isFunction())for(const r of
Object.keys(this.bindings)){if(!t.hasOwnBinding(r))continue;const
n=this.bindings[r];if("param"!==n.kind&&"params"!==n.path.parentKey&&this.getAttachmentParentForPath(n.pat
h).key>=e.key){this.attachAfter=!0,e=n.path;for(const t of
n.constantViolations)this.getAttachmentParentForPath(t).key>e.key&&(e=t)}return e}_getAttachmentPath(){const
e=this.scopes.pop();if(e)if(e.path.isFunction()){if(!this.hasOwnParamBindings(e))return
this.getNextScopeAttachmentParent();if(this.scope===e)return;const t=e.path.get("body").get("body");for(let
e=0;e<t.length;e++)if(!t[e].node._blockHoist)return t[e]}else if(e.path.isProgram())return
this.getNextScopeAttachmentParent()}getNextScopeAttachmentParent(){const e=this.scopes.pop();if(e)return
this.getAttachmentParentForPath(e.path)}getAttachmentParentForPath(e){do{if(!e.parentPath||Array.isArray(e.cont
ainer)&&e.isStatement())return e}while(e=e.parentPath)}hasOwnParamBindings(e){for(const t of
Object.keys(this.bindings)){if(!e.hasOwnBinding(t))continue;const
r=this.bindings[t];if("param"===r.kind&&r.constant)return!0}return!1}run(){if(this.path.traverse(s,this),this.mutabl

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eBinding)return;this.getCompatibleScopes();const
e=this.getAttachmentPath();if(!e)return;if(e.getFunctionParent()===this.path.getFunctionParent())return;let
t=e.scope.generateUidIdentifier("ref");const
r=n.variableDeclarator(t,this.path.node),i=this.attachAfter?"insertAfter":"insertBefore",[a]=e[i]([e.isVariableDeclara
tor)?r:n.variableDeclaration("var",[r])),o=this.path.parentPath;return
o.isJSXElement(&&this.path.container===o.node.children&&(t=n.JSXExpressionContainer(t)),this.path.replaceWith(
n.cloneNode(t),e.isVariableDeclarator()?a.get("init"):a.get("declarations.0.init"))},function(e,t,r){
"use strict";Object.defineProperty(t,"__esModule",{value:!0}),t.getOpposite=function(){if("left"===this.key)return
this.getSibling("right");if("right"===this.key)return this.getSibling("left")},t.getCompletionRecords=function(){let
e=[];if(this.isIfStatement())e=o(this.get("consequent"),e),e=o(this.get("alternate"),e);else
if(this.isDoExpression()||this.isFor()||this.isWhile())e=o(this.get("body"),e);else
if(this.isProgram()||this.isBlockStatement())e=o(this.get("body").pop(),e);else if(this.isFunction())return
this.get("body").getCompletionRecords();this.isTryStatement?(e=o(this.get("block"),e),e=o(this.get("handler"),e)):
this.isCatchClause?e=o(this.get("body"),e):this.isSwitchStatement?e=function(e,t){let r=!0;for(let n=e.length-
1;n>=0;n--){const i=e[n].get("consequent");let
s=l(i);if(s){for(;0===s.key&&s.parentPath.isBlockStatement();s=s.parentPath;const
e=s.getPrevSibling();s.key>0&&(e.isExpressionStatement()||e.isBlockStatement())?(t=o(e,t),s.remove()):s.replace
With(s.scope.buildUndefinedNode(),t=o(s,t))}else if(r){const
e=t=>!t.isBlockStatement()||t.get("body").some(e);i.some(e)&&(t=o(i[i.length-1],t),r=!1)}return
t}(this.get("cases"),e):e.push(this)}return e},t.getSibling=function(e){return
i.default.get({parentPath:this.parentPath,parent:this.parent,container:this.container,listKey:this.listKey,key:e})},t.get
PrevSibling=function(){return this.getSibling(this.key-1)},t.getNextSibling=function(){return
this.getSibling(this.key+1)},t.getAllNextSiblings=function(){let e=this.key,t=this.getSibling(++e);const
r=[];for(;t.node;)r.push(t),t=this.getSibling(++e);return r},t.getAllPrevSiblings=function(){let
e=this.key,t=this.getSibling(--e);const r=[];for(;t.node;)r.push(t),t=this.getSibling(--e);return
r},t.get=function(e,t){!0===t&&(t=this.context);const r=e.split(".");return
1===r.length?this._getKey(e,t):this._getPattern(r,t),t._getKey=function(e,t){const r=this.node,n=r[e];return
Array.isArray(n)?n.map((s,a)=>i.default.get({listKey:e,parentPath:this.parent:r,container:n,key:a}).setContext(t)):i.d
efault.get({parentPath:this.parent:r,container:r,key:e}).setContext(t),t._getPattern=function(e,t){let r=this;for(const
n of e)r="."===n?r.parentPath:Array.isArray(r)?r[n]:r.get(n,t);return r},t.getBindingIdentifiers=function(e){return
s.getBindingIdentifiers(this.node,e)},t.getOuterBindingIdentifiers=function(e){return
s.getOuterBindingIdentifiers(this.node,e)},t.getBindingIdentifierPaths=function(e=!1,t=!1){let
r=[],concat(this);const n=Object.create(null);for(;r.length;){const i=r.shift();if(!i)continue;if(!i.node)continue;const
a=s.getBindingIdentifiers.keys[i.node.type];if(i.isIdentifier())if(e){(n[i.node.name]=n[i.node.name]||[]).push(i)}else
n[i.node.name]=i;else if(i.isExportDeclaration()){const
e=i.get("declaration");e.isDeclaration()&&r.push(e)}else if(t){if(i.isFunctionDeclaration()){r.push(i.get("id"));conti
nue}if(i.isFunctionExpression())continue}if(a)for(let e=0;e<a.length;e++){const
t=a[e],n=i.get(t):(Array.isArray(n)||n.node)&&(r=r.concat(n))}}return
n},t.getOuterBindingIdentifierPaths=function(e){return this.getBindingIdentifierPaths(e,!0)};var
n,i=(n=r(8))&&n.__esModule?n:{default:n},s=function(e){if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{default:e};var t=a;if(t&&t.has(e))return
t.get(e);var r={},n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i in
e)if(Object.prototype.hasOwnProperty.call(e,i)){var
s=n?Object.getOwnPropertyDescriptor(e,i):null;s&&(s.get||s.set)?Object.defineProperty(r,i,s):r[i]=e[i]}r.default=e,t
&&t.set(e,r);return r}(r(0));function a(){if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
a=function(){return e},e}function o(e,t){return e?t.concat(e.getCompletionRecords()):t}function l(e){let
t;Array.isArray(e)||e=[e];for(const i of
e){if(i.isDoExpression()||i.isProgram()||i.isBlockStatement()||i.isCatchClause()||i.isLabeledStatement())t=l(i.get("bod

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y"));else if(i.isIfStatement()){ var r;t=null!==(r=l(i.get("consequent")))?r:l(i.get("alternate"))}else
if(i.isTryStatement()){ var n;t=null!==(n=l(i.get("block")))?n:l(i.get("handler"))}else
i.isBreakStatement()&&(t=i);if(t)return t}return null }},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.shareCommentsWithSiblings=function(){ if("string"===ty
peof this.key)return;const e=this.node;if(!e)return;const
t=e.trailingComments,r=e.leadingComments;if(!t&&!r)return;const n=this.getSibling(this.key-
1),i=this.getSibling(this.key+1),s=Boolean(n.node),a=Boolean(i.node);s&&!a?n.addComments("trailing",t):a&&!s
&&i.addComments("leading",r)},t.addComment=function(e,t,r){ n.addComment(this.node,e,t,r)},t.addComments=fun
ction(e,t){ n.addComments(this.node,e,t);var n=function(e){ if(e&&e.__esModule)return
e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{ default:e};var t=i();if(t&&t.has(e))return
t.get(e);var r={ },n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var s in
e)if(Object.prototype.hasOwnProperty.call(e,s)){ var
a=n?Object.getOwnPropertyDescriptor(e,s):null;a&&(a.get||a.set)?Object.defineProperty(r,s,a):r[s]=e[s]}r.default=e
,t&&t.set(e,r);return r}(r(0));function i(){ if("function"!==typeof WeakMap)return null;var e=new WeakMap;return
i=function(){ return e},e}},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.explode=o,t.verify=!1,t.merge=function(e,t=[],r){ const
n={ };for(let i=0;i<e.length;i++){ const s=e[i],a=t[i];o(s);for(const e of Object.keys(s)){ let
t=s[e];(a||r)&&(t=p(t,a,r)),f(n[e]=n[e]||{ },t)} }return n};var n=a(r(63)),i=a(r(0));function s(){ if("function"!==typeof
WeakMap)return null;var e=new WeakMap;return s=function(){ return e},e}function
a(e){ if(e&&e.__esModule)return e;if(null===e||"object"!==typeof e&&"function"!==typeof e)return{ default:e};var
t=s();if(t&&t.has(e))return t.get(e);var r={ },n=Object.defineProperty&&Object.getOwnPropertyDescriptor;for(var i
in e)if(Object.prototype.hasOwnProperty.call(e,i)){ var
a=n?Object.getOwnPropertyDescriptor(e,i):null;a&&(a.get||a.set)?Object.defineProperty(r,i,a):r[i]=e[i]}return
r.default=e,t&&t.set(e,r),r}function o(e){ if(e._exploded)return e;e._exploded=!0;for(const t of
Object.keys(e)){ if(h(t))continue;const r=t.split("");if(1===r.length)continue;const n=e[t];delete e[t];for(const t of
r)e[t]=n}l(e),delete e.__esModule,function(e){ for(const t of Object.keys(e)){ if(h(t))continue;const
r=e[t];"function"===typeof r&&(e[t]={ enter:r })}(e),u(e);for(const t of Object.keys(e)){ if(h(t))continue;const
r=n[t];if(!r)continue;const i=e[t];for(const e of Object.keys(i))i[e]=d(r,i[e]);if(delete e[t],r.types)for(const t of
r.types)e[t]?f(e[t],i):e[t]=i;else f(e,i)}for(const t of Object.keys(e)){ if(h(t))continue;const r=e[t];let
n=i.FLIPPED_ALIAS_KEYS[t];const s=i.DEPRECATED_KEYS[t];if(s&&(console.trace(`Visitor defined for ${t}
but it has been renamed to ${s}`),n=[s],n){ delete e[t];for(const t of n){ const
n=e[t];n?f(n,r):e[t]=Object.assign({ },r)} }for(const t of Object.keys(e))h(t)||u(e[t]);return e}function
l(e){ if(!e._verified){ if("function"===typeof e)throw new Error("You passed `traverse()` a function when it expected a
visitor object, are you sure you didn't mean `{ enter: Function }`?");for(const t of
Object.keys(e)){ if("enter"!==t&&"exit"!==t||c(t,e[t]),h(t))continue;if(i.TYPES.indexOf(t)<0)throw new Error(` You
gave us a visitor for the node type ${t} but it's not a valid type`);const r=e[t];if("object"===typeof r)for(const e of
Object.keys(r)){ if("enter"!==e&&"exit"!==e)throw new Error(` You passed `traverse()` a visitor object with the
property ${t} that has the invalid property ${e}`);c(`${t}.${e}`,r[e])}e._verified=!0}}function c(e,t){ const
r=[],concat(t);for(const t of r)if("function"!==typeof t)throw new TypeError(` Non-function found defined in ${e}
with type ${typeof t}`)}function p(e,t,r){ const n={ };for(const i of Object.keys(e)){ let
s=e[i];Array.isArray(s)&&(s=s.map((function(e){ let n=e;return t&&(n=function(r){ return
e.call(t,r,t)),r&&(n=r(t.key,i,n)),n!==e&&(n.toString()=>e.toString()),n[i]=s)}return n)}function
u(e){ e.enter&&!Array.isArray(e.enter)&&(e.enter=[e.enter]),e.exit&&!Array.isArray(e.exit)&&(e.exit=[e.exit])}fu
nction d(e,t){ const r=function(r){ if(e.checkPath(r))return t.apply(this,arguments)};return
r.toString()=>t.toString(),r}function
h(e){ return "_ "===e[0]||("enter"===e||"exit"===e||"shouldSkip"===e||("denylist"===e||"noScope"===e||"skipKeys"=
===e||"blacklist"===e))}function f(e,t){ for(const r of Object.keys(t))e[r]=[]concat(e[r]||[],t[r])},function(e,t,r){ "use
strict";Object.defineProperty(t,"__esModule",{ value:!0}),t.default=void

```



```

0;t.default=class {getCode(){ }getScope(){ }addHelper(){throw new Error("Helpers are not supported by the default
hub.")}buildError(e,t,r=TypeError){return new r(t)}},function(e,t,r){var n,i,s;!function(r,a){ "use strict";i=[],void
0===s="function"===typeof(n=function(){function e(e){return e.charAt(0).toUpperCase()+e.substring(1)}function
t(e){return function(){return this[e]} }var
r=["isConstructor","isEval","isNative","isToplevel"],n=["columnNumber","lineNumber"],i=["fileName","functionN
ame","source"],s=r.concat(n,i,["args"]);function a(t){if(t)for(var r=0;r<s.length;r++)void
0!==(s[r])&&this["set"+e(s[r])](t[s[r]])}a.prototype={ getArgs:function(){ return
this.args },setArgs:function(e){if("[object Array]"!==Object.prototype.toString.call(e))throw new TypeError("Args
must be an Array");this.args=e},getEvalOrigin:function(){return this.evalOrigin},setEvalOrigin:function(e){if(e
instanceof a)this.evalOrigin=e;else{if(!(e instanceof Object))throw new TypeError("Eval Origin must be an Object
or StackFrame");this.evalOrigin=new a(e)}},toString:function(){var
e=this.getFileName()||"",t=this.getLineNumber()||"",r=this.getColumnNumber()||"",n=this.getFunctionName()||"";ret
urn this.getIsEval()?e?"[eval] (" +e+" :"+t+" :"+r+" )":"[eval]:"+t+" :"+r+"n+"
(" +e+" :"+t+" :"+r+" )":e+" :"+t+" :"+r }},a.fromString=function(e){var
t=e.indexOf("("),r=e.lastIndexOf(""),n=e.substring(0,t),i=e.substring(t+1,r).split(","),s=e.substring(r+1);if(0===s.in
dexOf("@"))var o=/@(.+?)(?::(\d+))?(?::(\d+))?$/ .exec(s,""),l=o[1],c=o[2],p=o[3];return new
a({functionName:n,args:i||void 0,fileName:l,lineNumber:c||void 0,columnNumber:p||void 0});for(var
o=0;o<r.length;o++)a.prototype["get"+e(r[o])]=t(r[o]),a.prototype["set"+e(r[o])]=function(e){return
function(t){this[e]=Boolean(t)}(r[o]);for(var
l=0;l<n.length;l++)a.prototype["get"+e(n[l])]=t(n[l]),a.prototype["set"+e(n[l])]=function(e){return
function(t){if(r=t,isNaN(parseFloat(r))||!isFinite(r))throw new TypeError(e+" must be a Number");var
r;this[e]=Number(t)}(n[l]);for(var
c=0;c<i.length;c++)a.prototype["get"+e(i[c])]=t(i[c]),a.prototype["set"+e(i[c])]=function(e){return
function(t){this[e]=String(t)}(i[c]);return a})?n.apply(t,i):n||(e.exports=s)}},function(e,t,r){ "use
strict";r.r(t),r.d(t,"parseSourceAndMetadata",(function(){return
W})),r.d(t,"purgeCachedMetadata",(function(){return X}));var n=r(60),i=r(61),s=r.n(i);const a={"--font-size-
monospace-small":"9px","--font-size-monospace-normal":"11px","--font-size-monospace-large":"15px","--font-
size-sans-small":"10px","--font-size-sans-normal":"12px","--font-size-sans-large":"14px","--line-height-
data":"18px"},o=(parseInt({"--font-size-monospace-small":"10px","--font-size-monospace-normal":"13px","--font-
size-monospace-large":"17px","--font-size-sans-small":"12px","--font-size-sans-normal":"14px","--font-size-sans-
large":"16px","--line-height-data":"22px"}["--line-height-data"],10),parseInt(a["--line-height-
data"],10),"undefined"!==typeof performance&&"function"===typeof
performance.mark&&performance.clearMarks,"undefined"!==typeof performance&&"function"===typeof
performance.now);function l(){return o?performance.now():Date.now()}function c(e,t,r){const n=l();const
i=t;if(null!=r){r(l()-n)}return i}var p=r(17),u=r.n(p);r(0);const
d=Object.freeze({PROGRAM:"Program",CALL_EXPRESSION:"CallExpression",MEMBER_EXPRESSION:"Me
mberExpression",ARRAY_PATTERN:"ArrayPattern",IDENTIFIER:"Identifier",NUMERIC_LITERAL:"Numeric
Literal",VARIABLE_DECLARATOR:"VariableDeclarator"});function
h(e,t,r=null){const{start:n,end:i}=e.node.loc;return t===n.line&&!(null!=r&&(r-
=1,t===n.line&&r<n.column||t===i.line&&r>i.column))}function f(e){return
e.node.init.property.type===d.NUMERIC_LITERAL&&0===e.node.init.property.value}function m(e,t,r){let
n=[];return!function(e){const
t=e.node.id;if(t.type===d.ARRAY_PATTERN||t.type===d.IDENTIFIER&&!x(e))return!0;return!1}(e)?n.t.filter(t
=>function(e,t){const r=e.node.id.name;return
null!=r&&(r===(t.node.init.object&&t.node.init.object.name)||r===t.node.init.name)}(e,t)):n.unshift(e),n}function
y(e,t,r,n,i){const s=c(0,()=>function(e){const t=[];return
c(0,()=>>u)(e,{enter(e){e.isVariableDeclarator()}&&function(e){const
t=e.node.init;if(null!=t){if(t.type===d.CALL_EXPRESSION){return

```

```

g(t.callee)}if(t.type===d.MEMBER_EXPRESSION||t.type===d.IDENTIFIER)return!0}return!1}(e)&&t.push(e)}
)),t(t));let a=null;if(0===i){const e=s.filter(e=>{const t=h(e,n),r=b(e);return t&&r});1===e.length&&(a=e[0])}else
a=s.find(e=>{const t=h(e,n,i),r=b(e);return t&&r});if(!a)return null;try{const t=c(0,())=>m(a,s);return
c(0,())=>function(e,t,r){let n;const i=null===e.id;switch(t.length){case
1:if(i&&t[0]===r){n=T(r,i);break}n=T(t[0]);break;case 2:if(1!==(t=t.filter(e=>f(e))).length)throw new
Error("Couldn't isolate AST Node containing hook variable.");n=T(t[0]);break;default:n=T(r)}return
n}(e,t,a)}catch(e){return console.error(e),null}}function T(e,t=!1){var r,n;switch(e.node.id.type){case
d.ARRAY_PATTERN:return t?null:null!==(r=null===e.node.id.elements[0])||void 0===n?void
0:n.name)&&void 0!==(r=r.null);case d.IDENTIFIER:return e.node.id.name;default:return null}}function b(e){const
t=e.node.init;return null!=t&&t.type===d.CALL_EXPRESSION&&g(t.callee)}function
g(e){if(e.type===d.IDENTIFIER)return t=e.name,/^[A-Z0-
9].*$/i.test(t);if(e.type===d.MEMBER_EXPRESSION&&!e.computed&&g(e.property)){const t=e.object,r=/^[A-
Z].*/i.test(t);return t.type===d.IDENTIFIER&&r.test(t.name)}return!1;var t}function S(e,t){return
e.name===t||"MemberExpression"===e.type&&"React"===e.object.name&&e.property.name===t}function
x(e){const t=e.node.init.callee;return S(t,"useState")||S(t,"useReducer")||S(t,"useTransition")}var
E=r(129),P=r.n(E),v=r(62),A=r.n(v);let w=null;new WeakMap;function
O({fileName:e,lineNumber:t,columnNumber:r}){if(null===e||null===t||null===r)throw Error("Hook source code
location not found.");return `${e}:${t}:${r}`}for(var
I=r(21),C={},N="ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/",k=0;k<
N.length;k++)C[N.charCodeAtAt(k)]=k;function D(e){for(var
t=[],r=[],n=[0,0,0,0],i=0,s=0,a=0,o=0;s<e.length;s++){var l=e.charCodeAtAt(s);if(44===l)_(r,n,i),i=0;else
if(59===l)_(r,n,i),i=0,t.push(r),r=[],n[0]=0;else{var c=C[l];if(void 0===c)throw new Error("Invalid character
("+String.fromCharCode(l)+")");var p=32&c;if(o+(c&31)<<a,p)a+=5;else{var u=1&o>>>=1,u&&(o=0===o?-
2147483648:-o),n[i]+=o,i++,o=a=0}}return _(r,n,i),t.push(r),t}function
_(e,t,r){4===r?e.push([t[0],t[1],t[2],t[3]]):5===r?e.push([t[0],t[1],t[2],t[3],t[4]]):1===r&&e.push([t[0]])}function
L(e,t){const{names:r,mappings:n}=t,i=M(e,n,j);if(null===i)throw new Error("Expected to find a line in the HookMap
that covers the target location at line: ${e.line}, column: ${e.column}");let s;if(s=R(i)!==e.line?i[i.length-
1]:M(e,i,F),null===s)throw new Error("Expected to find a mapping in the HookMap that covers the target location at
line: ${e.line}, column: ${e.column}");const a=function(e){const t=e[2];if(null===t)throw new Error("Unexpected
hook name index missing in entry in HookMap");return t}(s);if(null===a)throw new Error("Expected to find a name
index in the HookMap that covers the target location at line: ${e.line}, column: ${e.column}");const
o=r[a];if(null===o)throw new Error("Expected to find a name in the HookMap that covers the target location at line:
${e.line}, column: ${e.column}");return"<no-hook>"===o?null:o}function M(e,t,r){let
n,i=t.length,s=0,a=0;for(;i>0;){s=a,n=Math.floor(i/2),s+=n;const
o=r(e,t,s);if(0===o.direction){if(null===o.index)throw new Error("Expected an index when matching element is
found.");a=o.index;break}o.direction>0?(s++,a=s,i-=n+1):i=n}return null!=a?t[a]:null}function j(e,t,r){const
n=r,i=t[n];if(null===i)throw new Error("Unexpected line missing in HookMap at index ${r}.");const s=R(i);let
a,o=r+1;const l=t[o];return
null!=l?a=R(l):(o=n,a=s),s===e.line?{index:n,direction:0}:a===e.line||e.line>a&&null===l?{index:o,direction:0}:s<
e.line&&e.line<a?{index:n,direction:0}:{index:null,direction:e.line-s}}function F(e,t,r){const
n=r,i=t[r];if(null===i)throw new Error("Unexpected mapping missing in HookMap line at index ${r}.");const
s=B(i);let a,o=r+1;const l=t[o];return
null!=l?a=B(l):(o=n,a=s),s===e.column?{index:n,direction:0}:a===e.column||e.column>a&&null===l?{index:o,dire
ction:0}:s<e.column&&e.column<a?{index:n,direction:0}:{index:null,direction:e.column-s}}function R(e){return
function(e){const t=e[0];if(null===t)throw new Error("Unexpected line number missing in entry in
HookMap");return t}(e[0])}function B(e){const t=e[1];if(null===t)throw new Error("Unexpected column number
missing in entry in HookMap");return t}function U(e,t){const{sourceRoot:r}=t;let n=e;return
n=String(n),n=I.normalize(n),n=null!=r&&I.isAbsolute(r)&&I.isAbsolute(n)?I.relative(r,n):n,I.computeSourceURL(

```

```

r,n)}class V{constructor(e){this._sourceMap=e,this._decodedHookMapCache=new
Map,this._metadataBySource=null}hookNameFor({line:e,column:t,source:r}){if(null==r)return null;const
n=this._getHookMapForSource(r);return null==n?null:L({line:e,column:t},n)}hasHookMap(e){return
null!=e&&null!=this._getHookMapForSource(e)}_getMetadataBySource(){return
null==this._metadataBySource&&(this._metadataBySource=this._getMetadataObjectsBySourceNames(this._source
Map)),this._metadataBySource}_getMetadataObjectsBySourceNames(e){if(void 0===e.mappings){const
t=e,r=new Map;return
t.sections.forEach(e=>{this._getMetadataObjectsBySourceNames(e.map).forEach((e,t=>{r.set(t,e)})),r}const
t=new Map,r=e,n=(e,n)=>{let
i=r.sources[n];null!=i&&(i=U(i,r),t.set(i,e));if(e.hasOwnProperty("x_react_sources")&&null!=e.x_react_sources){
e.x_react_sources.filter(Boolean).forEach(n)}else
if(e.hasOwnProperty("x_facebook_sources")&&null!=e.x_facebook_sources){const
t=e.x_facebook_sources;null!=t&&t.forEach((e,t=>{const r=null!=e?e[1]:null;null!=r&&n(r,t)}))return
t}_getHookMapForSource(e){if(this._decodedHookMapCache.has(e))return
this._decodedHookMapCache.get(e);let t=null;const
r=this._getMetadataBySource(),n=U(e,this._sourceMap),i=r.get(n);if(null!=i){const
e=i[0];t=null!=e?function(e){return{name:e.names,mappings:D(e.mappings)}}(e):null}return
null!=t&&this._decodedHookMapCache.set(e,t,t)}function K(e){return null!=e.sections?function(e){let t={line:
1,column:0};const r=e.sections.map(e=>{const
r=e.offset,n=r.line,i=r.column;if(n<t.line||n===t.line&&i<t.column)throw new Error("Section offsets must be
ordered and non-overlapping.");return
t=r,{generatedLine:n+1,generatedColumn:i+1,map:e.map,sourceMapConsumer:null}});return{originalPositionFor:fu
nction({columnNumber:e,lineNumber:t}){const n=e-1;let i=null,s=0,a=r.length-1,o=-
1;for(;s<=a;){o=Math.floor((a+s)/2),i=r[o];const e=i.generatedLine;if(e===t){const
e=i.generatedColumn;if(e===t)break;if(e>n){if(!(a-o>0)){o=a;break}a=o}else{if(!(o-s>0)){o=s;break}s=o}
}else{if(e>t){if(!(a-o>0)){o=a;break}a=o}else{if(!(o-s>0)){o=s;break}s=o}}if(null===i)throw Error(`Could not find
matching section for line:${t} and column:${e}`);return
null===i.sourceMapConsumer&&(i.sourceMapConsumer=new
K(i.map)),i.sourceMapConsumer.originalPositionFor({columnNumber:e,lineNumber:t}})}(e):function(e){const
t=c(0,()=>D(e.mappings));return{originalPositionFor:function({columnNumber:r,lineNumber:n}){var i;const s=r-
1,a=t[n-1];let o=null,l=0,c=a.length-1,p=-1;for(;l<=c;){p=Math.floor((c+1)/2),o=a[p];const
e=o[0];if(e===s)break;if(e>s){if(!(c-p>0)){p=c;break}c=p}else{if(!(p-l>0)){p=l;break}l=p}}for(;p>0;){if(a[p-
1][0]===s)break;p--}if(null===o)throw Error(`Could not find runtime location for line:${n} and column:${r}`);const
u=o[1],d=null!=e.sourcesContent?e.sourcesContent[u]:null,h=null!==(i=e.sources[u])&&void
0!==(i?i:null,f=o[2]+1,m=o[3]);if(null===d||null===h)throw Error(`Could not find original source for line:${n} and
column:${r}`);return{column:m,line:f,sourceContent:d,sourceURL:h}}}(e)}const q=new s.a({max:50}),Y=new
s.a({max:50,dispose:(e,t)=>{}});const W=async function(e,t){return async function(e,t,r){const n=l(),i=await
t);if(null!=r){r(l()-n)}return i}(0,async)=>{const r=c(0,()=>function(e){const t=new Map;return
e.forEach((e,r)=>{t.set(r,{metadataConsumer:null,originalSourceAST:null,originalSourceCode:null,originalSource
URL:null,originalSourceLineNumber:null,originalSourceColumnNumber:null,sourceMapConsumer:null})),t}(t));r
eturn c(0,()=>function(e,t){e.forEach((e,r)=>{const n=t.get(r);if(null==n)throw Error(`Expected to find
HookParsedMetadata for
"${r}"`);const{runtimeSourceURL:i,sourceMapJSON:s}=e,a=q.get(i);if(null!=a)n.metadataConsumer=a.metadataC
onsumer,n.sourceMapConsumer=a.sourceMapConsumer;else if(null!=s){const e=c(0,()=>K(s)),t=c(0,()=>new
V(s));n.metadataConsumer=t,n.sourceMapConsumer=e,q.set(i,{metadataConsumer:t,sourceMapConsumer:e}})}(t
,r)),c(0,()=>function(e,t){e.forEach((e,r)=>{const i=t.get(r);if(null==i)throw Error(`Expected to find
HookParsedMetadata for
"${r}"`);if(null===i.originalSourceAST)return;if(null!=i.originalSourceURL&&null!=i.originalSourceCode&&null!

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=i.originalSourceColumnNumber&&null!=i.originalSourceLineNumber)return;const{ lineNumber:s,columnNumber
:a}=e.hookSource;if(null===s||null===a)throw Error("Hook source code location not
found.");const{ metadataConsumer:o,sourceMapConsumer:l}=i,p=e.runtimeSourceCode;let
u,d,h,f,m=!1;if(function(){if(null===w)try{A(),w=!1}catch(e){P.a.parse(e)[0].lineNumber===v.SOURCE_STAC
K_FRAME_LINE_NUMBER&&(w!=0)}return!0===w}()){null===l)h=a,f=s,d=p,u=e.runtimeSourceURL;else{con
st{column:e,line:t,sourceContent:r,sourceURL:n}=l.originalPositionFor({columnNumber:a,lineNumber:s});h=e,f=t,
d=r,u=n;if(i.originalSourceCode=d,i.originalSourceURL=u,i.originalSourceLineNumber=f,i.originalSourceColumn
Number=h,null!=o&&o.hasHookMap(u)&&(m!=0),m)return void 0;const
y=Y.get(u);if(null!=y)i.originalSourceAST=y.originalSourceAST,i.originalSourceCode=y.originalSourceCode;else
try{const
e=d.indexOf("@flow")>0?"flow":"typescript",t=c(0,()=>Object(n.parse)(d,{sourceType:"unambiguous",plugins:["js
x",e]}));i.originalSourceAST=t,Y.set(u,{originalSourceAST:t,originalSourceCode:d})}catch(e){throw new
Error("Failed to parse source file: ${u}\n\nOriginal error: `+e)})(t,r),c(0,()=>function(e,t){const r=new
Map;return e.map(e=>{const n=e.hookSource;if(!n.fileName)return null;const i=O(n),s=t.get(i);if(!s)return
null;const{lineNumber:a,columnNumber:o}=n;if(!a||!o)return
null;const{originalSourceURL:l,originalSourceColumnNumber:p,originalSourceLineNumber:u}=s;if(null===u||null=
=p||null===l)return null;let
d;const{metadataConsumer:h}=s,null!=h&&(d=c(0,()=>h.hookNameFor({line:u,column:p,source:l}))),null==d&&(
d=c(0,()=>y(e,s.originalSourceAST,s.originalSourceCode,u,p)));const
f=O(n);r.set(f,d)},r(e,r)}),X=function(){Y.reset(),q.reset()};addEventListener("message",(function(e){var
r,n=e.data,i=n.type,s=n.method,a=n.id,o=n.params;"RPC"===i&&s&&((r=t[s])?Promise.resolve().then((function(){
return r.apply(t,o)})):Promise.reject("No such
method")).then((function(e){postMessage({type:"RPC",id:a,result:e}})).catch((function(e){var
t={message:e};e.stack&&(t.message=e.message,t.stack=e.stack,t.name=e.name),postMessage({type:"RPC",id:a,erro
r:t}})}))},postMessage({type:"RPC",method:"ready"})});#
sourceMappingURL=parseSourceAndMetadata.worker.worker.js.map'}),{name:"parseSourceAndMetadata.worker.
worker.js"});return n(e,i,e)},209:function(e,t,r){"use
strict";r.r(t),r.d(t,"parseSourceAndMetadata",(function(){return y})),r.d(t,"purgeCachedMetadata",(function(){return
T})),r.d(t,"parseHookNames",(function(){return b}));var n=r(73),i=r(208),s=r.n(i),a=r(1),o=r(38);function
l(e,t){if(null==t)return!1;if(void 0===e.mappings){return e.sections.some(e=>l(e.map,t))}return
e.sources.some(e=>"Inline Babel script"===e||t.endsWith(e))}const c={cache:"force-cache"};async function
u(e,t){return Object(n.a)("loadSourceAndMetadata"),async=>{const
r=Object(n.c)("initializeHookSourceAndMetadata",()=>function(e){const t=new Map;for(let
r=0;r<e.length;r++){const n=e[r].hookSource;if(null==n)throw Error("Hook source code location not found.");const
i=Object(o.b)(n);if(!t.has(i)){const
e=n.fileName,r={hookSource:n,runtimeSourceCode:null,runtimeSourceURL:e,sourceMapJSON:null,sourceMapUR
L:null};t.set(i,r)}return t}(e));return await Object(n.a)("loadSourceFiles",()=>function(e,t){const r=new
Map,i=[];return e.forEach(e=>{const{runtimeSourceURL:s}=e;let
o=d,null!=t&&(o=e=>Object(n.a)("fetchFileWithCaching","${e}"),()=>t(e));const
l=r.get(s)||o(s).then(e=>{if(e.length>1e8)throw Error("Source code too large to parse");return
a.C&&(console.groupCollapsed("loadSourceFiles() runtimeSourceURL
"${s}")",console.log(e),console.groupEnd(),e));r.set(s,l),i.push(l.then(t=>{e.runtimeSourceCode=t}))),Promise.all
(i)}(r,t)),await Object(n.a)("extractAndLoadSourceMapJSON",()=>function(e){const t=new
Map;a.C&&console.log("extractAndLoadSourceMapJSON() load",e.size,"source maps");const r=[];return
e.forEach(e=>{const i=?sourceMappingURL=(["^s"]+)/gm,s=e.runtimeSourceCode;let
o=Object(n.c)("sourceMapRegex.exec(runtimeSourceCode)",()=>i.exec(s));if(null==o)a.C&&console.log("extractA
ndLoadSourceMapJSON() No source map found");else{const
c=[];for(;null!=o;){const{runtimeSourceURL:t}=e,r=o[1];if(r.indexOf("base64,")>=0)try{const

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i=r.match(/base64,([a-zA-Z0-9+\v=]+))/[1],s=Object(n.c)("decodeBase64String()",()=>p(i)),o=Object(n.c)("JSON.parse(decoded)",()=>JSON.parse(s));if(a.C&&(console.groupCollapsed("extractAndLoadSourceMapJSON() Inline source map"),console.log(o),console.groupEnd()),l(o,t)){e.sourceMapJSON=o,e.runtimeSourceCode=null;break}}catch(e){}else
c.push(r);o=Object(n.c)("sourceMapRegex.exec(runtimeSourceCode)",()=>i.exec(s))null===e.sourceMapJSON&&c.forEach((i,s)=>{if(s!==c.length-1)return void console.warn("More than one external source map detected in the source file; skipping "${i}");const{runtimeSourceURL:o}=e;let
l=i;if(!l.startsWith("http")&&!l.startsWith("/")){if(l!==(o.lastIndexOf("/")||l.slice(0,o.lastIndexOf("/"))}/${l}`)}e.sourceMapURL=l;const
u=t.get(l)||d(l).then(e=>Object(n.c)("JSON.parse(sourceMapContents)",()=>JSON.parse(e)),e=>null);a.C&&(t.has(l)||console.log("extractAndLoadSourceMapJSON() External source map "${l}")),t.set(l,u),r.push(u.then(t=>{null!==t&&(e.sourceMapJSON=t,e.runtimeSourceCode=null)}))}),Promise.all(r))(r),r)}function p(e){if("function"===typeof atob)return atob(e);if("undefined"!==typeof Buffer&&null!==Buffer&&"function"===typeof Buffer.from)return Buffer.from(e,"base64");throw Error("Cannot decode base64 string")}function d(e,t="fetchFile"){return Object(n.b)(`${t}("${e}")`,r=>new Promise((n,i)=>{fetch(e,c).then(s=>{s.ok?s.text().then(e=>{r(i),n(e)}).catch(n=>{a.C&&console.log(`${t}() Could not read text for url "${e}"`,r(i),i(null))):(a.C&&console.log(`${t}() Got bad response for url "${e}"`,r(i),i(null))),e=>{a.C&&console.log(`${t}() Could not fetch file: ${e.message}`,r(i),i(null))}})}function h(e){const t=[];return Object(n.c)("flattenHooksList()",()=>{!function e(t,r){for(let n=0;n<t.length;n++){const i=t[n];f(i)?a.C&&console.log("flattenHooksListImpl() Skipping unnamed hook",i):(r.push(i),i.subHooks.length>0&&e(i.subHooks,r))}}(e,t)},a.C&&console.log("flattenHooksList() hooksList:",t,t)}function f(e){return["Effect","ImperativeHandle","LayoutEffect","DebugValue"].includes(e.name)}const m=s();function y(e,t){return m.parseSourceAndMetadata(e,t)}const T=m.purgeCachedMetadata,g=new Map;async function b(e,t){return Object(n.a)("parseHookNames",async()=>{const r=h(e);return 0===r.length?g:y(r,await u(r,t))}})}

```

Found in path(s):

```

* /opt/cola/permits/1287718422_1647270843.85/0/react-devtools-core-4-23-0-tgz/package/dist/parseHookNames.chunk.js

```

No license file was found, but licenses were detected in source scan.

```

/**

```

```

* @license React

```

```

* react.production.min.js

```

```

*

```

```

* Copyright (c) Facebook, Inc. and its affiliates.

```

```

*

```

```

* This source code is licensed under the MIT license found in the

```

```

* LICENSE file in the root directory of this source tree.

```

```

*/

```

Found in path(s):

```

* /opt/cola/permits/1287718422_1647270843.85/0/react-devtools-core-4-23-0-tgz/package/dist/standalone.js

```

No license file was found, but licenses were detected in source scan.

```

/**

```

```

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```

```

*
* This source code is licensed under the MIT license found in the
* LICENSE file in the root directory of this source tree.
*
*
*/
/**
* lodash (Custom Build) <https://lodash.com/>
* Build: `lodash modularize exports="npm" -o ./`
* Copyright jQuery Foundation and other contributors <https://jquery.org/>
* Released under MIT license <https://lodash.com/license>
* Based on Underscore.js 1.8.3 <http://underscorejs.org/LICENSE>
* Copyright Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors
*/

```

Found in path(s):

```
* /opt/cola/permits/1287718422_1647270843.85/0/react-devtools-core-4-23-0-tgz/package/dist/backend.js
```

No license file was found, but licenses were detected in source scan.

```

{"version":3,"sources":["webpack://ReactDevToolsBackend/webpack/universalModuleDefinition","webpack://ReactDevToolsBackend/webpack/bootstrap","webpack://ReactDevToolsBackend/./react-devtools-shared/src/types.js","webpack://ReactDevToolsBackend/./react-devtools-shared/src/constants.js","webpack://ReactDevToolsBackend/./react-devtools-shared/src/utils.js","webpack://ReactDevToolsBackend/./react-devtools-shared/src/backend/ReactSymbols.js","webpack://ReactDevToolsBackend/./react-devtools-shared/src/backend/utils.js","webpack://ReactDevToolsBackend/./react-devtools-shared/src/storage.js","webpack://ReactDevToolsBackend/./react-devtools-shared/src/isArray.js","webpack://ReactDevToolsBackend//Users/bvaughn/Documents/git/react.devtools/build/oss-experimental/react-is/index.js","webpack://ReactDevToolsBackend//Users/bvaughn/Documents/git/react.devtools/node_modules/object-assign/index.js","webpack://ReactDevToolsBackend/./shared/isArray.js","webpack://ReactDevToolsBackend/./react-devtools-shared/src/backend/console.js","webpack://ReactDevToolsBackend/./react-devtools-shared/node_modules/semver/semver.js","webpack://ReactDevToolsBackend/./react-devtools-shared/src/hydration.js","webpack://ReactDevToolsBackend/./react-devtools-shared/src/config/DevToolsFeatureFlags.core-oss.js","webpack://ReactDevToolsBackend/(webpack)/buildin/global.js","webpack://ReactDevToolsBackend//Users/bvaughn/Documents/git/react.devtools/node_modules/lodash.throttle/index.js","webpack://ReactDevToolsBackend/./shared/objectIs.js","webpack://ReactDevToolsBackend/./shared/hasOwnProperty.js","webpack://ReactDevToolsBackend/./react-devtools-shared/src/backend/StyleX/utils.js","webpack://ReactDevToolsBackend/./react-devtools-timeline/src/constants.js","webpack://ReactDevToolsBackend/./react-devtools-shared/src/backend/profilingHooks.js","webpack://ReactDevToolsBackend/./react-devtools-shared/src/backend/renderer.js","webpack://ReactDevToolsBackend//Users/bvaughn/Documents/git/react.devtools/node_modules/process/browser.js","webpack://ReactDevToolsBackend//Users/bvaughn/Documents/git/react.devtools/node_modules/clipboard-js/clipboard.js","webpack://ReactDevToolsBackend//Users/bvaughn/Documents/git/react.devtools/node_modules/lru-cache/index.js","webpack://ReactDevToolsBackend/./shared/ReactSymbols.js","webpack://ReactDevToolsBackend

```

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,,,,,,,,,,,,,,,,,,,,,,,,,,,,AC5YA;,,,,,,,,,AASA;AACA;AAcA;AACA;AASA;AACA;AAQA;AACA;AAMA;AAC
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KAAK,GAAGwF,oBAAoB,CAACY,cAAc,CAAC,CAAD,CAAf,EAAoB,KAApB,CAAIC;AACAH,uBAAS,cAA
O5J,GAAP,iBAAiB2D,KAAjB,CAAT;AACD,WAJD,MAIO;AACLiG,uBAAS,IAAIT,oBAAoB,CAACY,cAAD,E
AAiB,KAAjB,CAAjC;AACD;;AAED,cAAIH,WAAAS,CAAC1I,MAAV,GAAmB8H,yBAAvB,EAakD;AAChD;A
ACA;AACD;AACF;;AAED,yBAAUtI,IAAV,cAAkB6G,IAAI,CAACsC,IAAvB,gBAAiCZ,kBAAkB,CAACW,W

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CAAP;AACD,GAFD,CAEE,OAAOO,KAAP,EAAC,CAAE;AACnB;AAEM,SAASqL,qBAAT,CAA+BvP,GAA/B, EAAiD;AACtD,MAAI;AACF,WAAOWP,cAAc,CAACL,OAAf,CAAuBnP,GAAvB,CAAP;AACD,GAFD,CAEE, OAAOkE,KAAP,EAAC;AACd,WAAO,IAAP;AACD;AACF;AAEM,SAASuL,wBAAT,CAAKCzP,GAAIC,EAAq D;AAC1D,MAAI;AACFwP,kBAAC,CAACH,UAAf,CAA0BrP,GAA1B;AACD,GAFD,CAEE,OAAOkE,KAAP,E AAc,CAAE;AACnB;AAEM,SAASwL,qBAAT,CAA+B1P,GAA/B,EAA4C2D,KAA5C,EAA8D;AACnE,MAAI;A ACF,WAAO6L,cAAc,CAACF,OAAf,CAAuBtP,GAAvB,EAA4B2D,KAA5B,CAAP;AACD,GAFD,CAEE,OAAO O,KAAP,EAAC,CAAE;AACnB,C;;;;;;;;;AC/CD;;;;;;;;;AASA,IAAM4C,OAAO,GAAGL,KAACK,CAACK,OAAtB;AA EeA,gEAAf,E;;;;;;;;;ACXa;;AAEb,IAAI9B,IAAJ,EAA2C;AACzC2K,QAAM,CAACC,OAAp,GAAiBC,mBAAO,C AAC,EAAD,CAAxB;AACD,CAFD,MAEO,E;;;;;;;;;ACJP;;;;;;;;;AAMa;AACb;;ACA,IAAIjQ,qBAAqB,GAAGD,MA AM,CAACC,qBAAnc;ACA,IAAIyG,cAAc,GAAG1G,MAAM,CAACsI,SAAP,CAAiB5B,cAAiC;ACA,IAAIy J,gBAAgB,GAAGnQ,MAAM,CAACsI,SAAP,CAAiB8H,oBAAxC;;AAEA,SAASC,QAAT,CAAKBC,GAAIB,EA AuB;AACtB,MAAIA,GAAG,KAACK,IAAR,IAAgBA,GAAG,KAACKtO,SAA5B,EAAuC;AACtC,UAAM,IAAIuO, SAAJ,CAAc,uDAAd,CAAN;ACA;;AAED,SAAOvQ,MAAM,CAACsQ,GAAD,CAAb;ACA;;AAED,SAASE,e AAT,GAA2B;AAC1B,MAAI;AACH,QAAl,CAACxQ,MAAM,CAACyQ,MAAZ,EAAoB;AACnB,aAAO,KAAP; AACA,KAHE,CAKH;AAEA;;ACA,QAAlC,KAACK,GAAG,IAAIjP,MAAJ,CAAW,KAAX,CAAZ,CARG,CAQ 6B;;AACHcIP,SAAK,CAAC,CAAD,CAAL,GAAG,IAAX;;ACA,QAAlI,Q,MAAM,CAAC2Q,mBAAp,CAA2B D,KAA3B,EAAkC,CAAlC,MAAyC,GAA7C,EAAkD;AACjD,aAAO,KAAP;ACA,KAZE,CACh;;ACA,QAAl E,KAACK,GAAG,EAAZ;;ACA,SAAK,IAAItP,CAAC,GAAG,CAAb,EAAGBA,CAAC,GAAG,EAAPB,EAawBA ,CAAC,EAAzB,EAA6B;AAC5BsP,WAAK,CAAC,MAAMnP,MAAM,CAACoP,YAAP,CAAoBvP,CAApB,CAA P,CAAL,GAAsCA,CAAtC;ACA;;AACD,QAAlwP,MAAM,GAAG9Q,MAAM,CAAC2Q,mBAAp,CAA2BC,KA A3B,EAAkCG,GAAIC,CAAsC,UAAUC,CAAV,EAAa;AAC/D,aAAOJ,KAACK,CAACI,CAAD,CAAZ;ACA,KA FY,CAAb;;AGA,QAAlF,MAAM,CAACrN,IAAP,CAAY,EAAZ,MAAoB,YAAxB,EAAsC;AACrC,aAAO,KAA P;ACA,KAxBE,CA0BH;;ACA,QAAlwN,KAACK,GAAG,EAAZ;ACA,2BAAuBC,KAAvB,CAA6B,EAA7B, EAAiC9Q,OAAjC,CAAYC,UAAU+Q,MAAV,EAAkB;AAC1DF,WAAK,CAACE,MAAD,CAAL,GAAGBA,MAA hB;ACA,KAFD;;AGA,QAAlnR,MAAM,CAACJ,IAAP,CAAYI,MAAM,CAACyQ,MAAP,CAAc,EAAd,EAAk BQ,KAAIB,CAAZ,EAAsCxN,IAAtC,CAA2C,EAA3C,MACF,sBADf,EAC0B;AACzB,aAAO,KAAP;ACA;;AA ED,WAAO,IAAP;ACA,GArCD,CAqCE,OAAO6J,GAAP,EAAY;AACb;ACA,WAAO,KAAP;ACA;AACD;; AAED0C,MAAM,CAACC,OAAp,GAAiBO,eAAe,KAACKxQ,MAAM,CAACyQ,MAAZ,GAAqB,UAAUW,MAA V,EAAkBC,MAAIB,EAA0B;AAC9E,MAAIk,IAAJ;ACA,MAAIuK,EAAE,GAAGjB,QAAlQ,CAACe,MAAD,C AAjB;ACA,MAAIG,OAAJ;;AAEA,OAAK,IAAlC,CAAC,GAAG,CAAb,EAAGBA,CAAC,GAAGC,SAAS,CAA ClQ,MAA9B,EAAsCiQ,CAAC,EAAvC,EAA2C;AAC1CzK,QAAl,GAAG/G,MAAM,CAACyR,SAAS,CAACD,C AAD,CAAV,CAAb;;AAEA,SAAK,IAAlnR,GAAT,IAAgB0G,IAAhB,EAAsB;AACrB,UAAIL,cAAc,CAACC,IA Af,CAAoBI,IAApB,EAA0B1G,GAA1B,CAAJ,EAAoC;AACnCiR,UAAE,CAACjR,GAAD,CAAF,GAAU0G,IAA l,CAAC1G,GAAD,CAAd;ACA;AACD;;AAED,QAAlI,qBAAJ,EAA2B;AAC1BsR,aAAO,GAAGtR,qBAAqB,C AAC8G,IAAD,CAA/B;;ACA,WAAK,IAAlzF,CAAC,GAAG,CAAb,EAAGBA,CAAC,GAAGiQ,OAAO,CAACH Q,MAA5B,EAAoCD,CAAC,EAARc,EAAYc;AACxC,YAAI6O,gBAAgB,CAACxJ,IAAjB,CAAsBI,IAAtB,EAA4 BwK,OAAO,CAACjQ,CAAD,CAAnC,CAAJ,EAA6C;AAC5CgQ,YAAE,CAACC,OAAO,CAACjQ,CAAD,CAA R,CAAF,GAAiByF,IAAl,CAACwK,OAAO,CAACjQ,CAAD,CAAR,CAArB;ACA;AACD;AACD;AACD;;AAE D,SAAOgQ,EAAP;ACA,CAzBD,C;;;;;;;;;ACHEA;;;;;;;;;AWA,IAAMI,WAAW,GAAG5K,KAACK,CAACK,OAAI B,C,CAEA;;ACA,SAASA,OAAI,CAAiB5H,CAAjB,EAAoC;AACIC,SAAOmS,WAAW,CAACnS,CAAD,CAA IB;AACD;;AAEc4H,gEAAf,E;;;;;;;;;ACIBA;;;;;;;;;AAYA;AAEA;ACA;ACA;AAEA,IAAMwK,wBA AwB,GAAG,CAAC,OAAD,EAAU,OAAV,EAAmB,MAAnB,CAAjC;ACA,IAAMC,yBAAyB,GAAG,kBAAIC, C,CAEA;ACA;;ACA,IAAMC,YAAY,GAAG,mBAARb,C,CACA;ACA;;ACA,IAAMC,uBAAuB,GAAG,gB AAhC;AAEO,SAASC,sBAAT,CAAgC9E,IAAhC,EAAuD;AAC5D,SAAO4E,YAAY,CAACG,IAAb,CAAKB/E,IA AlB,KAA2B6E,uBAAuB,CAACE,IAAxB,CAA6B/E,IAA7B,CAAIC;AACD;AAED,IAAMgF,qBAAqB,GAAG,K AA9B,C,CAEA;ACA;ACA;ACA;;ACA,SAASC,oBAAT,CAA8BxD,IAA9B,EAAmDyD,MAAnD,EAA4E; AAC1E,SACEzD,IAAl,CAACnN,MAAL,KAAGB,CAAhB,IACA0Q,qBAAqB,CAACD,IAAtB,CAA2BtD,IAAl,C AAC,CAAD,CAA/B,CADA,IAEAA,IAAl,CAAC,CAAD,CAAJ,sBAAsB0D,eAAe,CAACD,MAAD,CAAF,IAA2B

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D,IAAI,CAAC1C,IAAL,GAAYnI,KAAZ,CAAkB,KAAIB,EAAYBH,GAAzB,CAA6B,UAAUgL,IAAV,EAAGB;AACID,WAAOyC,YAAY,CAACzC,IAAD,EAAOID,OAAP,CAAnB;AACD,GAFM,EAElpV,IAFI,CAEC,GAFD,CAAP;AAGD;;AAED,SAAS+a,YAAT,CAAuBzC,IAAvB,EAA6BID,OAA7B,EAAsC;AACpC,MAAIG,CAAC,GAAGH,OAAO,CAACC,KAAR,GAAGBjD,EAAE,CAACE,CAAC,CAACiC,UAAH,CAAIB,GAAMCnC,EAAE,CAACE,CAAC,CAACgC,KAAH,CAA7C;AACa,SAAOgE,IAAI,CAACnN,OAAL,CAAaoK,CAAb,EAAGB,UAAUyF,CAAV,EAAC,CAAb,EAAGBpF,CAAhB,EAAMBqF,CAAnB,EAAsBC,EAAtB,EAA0B;AAC/CtJ,SAAK,CAAC,OAAD,EAAUyG,IAAV,EAAGB0C,CAAhB,EAAMBC,CAAnB,EAAsBpF,CAAtB,EAAYBqF,CAAzB,EAA4BC,EAA5B,CAAL;AACa,QAAIC,GAAJ;;AAEA,QAAIN,GAAG,CAACG,CAAD,CAAP,EAAY;AACVG,SAAG,GAAG,EAAN;AACD,KAFD,MAEO,IAAIN,GAAG,CAACjF,CAAD,CAAP,EAAY;AACjBuF,SAAG,GAAG,OAHOH,CAAP,GAAW,QAAX,IAAuB,CAACA,CAAD,GAAK,CAA5B,IAAiC,MAAvC;AACD,KAFM,MAEA,IAAIH,GAAG,CAACI,CAAD,CAAP,EAAY;AACjB;AACAE,SAAG,GAAG,OAHOH,CAAP,GAAW,GAAX,GAAiBpF,CAAjB,GAAqB,MAArB,GAA8BoF,CAA9B,GAAC,GAACI,IAAyC,CAACpF,CAAD,GAAK,CAA9C,IAAmD,IAAzD;AACD,KAHM,MAGA,IAAI,EAAY,EAAG;AACbtJ,WAAK,CAAC,iBAAD,EAAoBsJ,EAAPB,CAAL;AACAC,SAAG,GAAG,OAHOH,CAAP,GAAW,GAAX,GAAiBpF,CAAjB,GAAqB,GAARb,GAA2BqF,CAA3B,GAAB+B,GAA/B,GAAqCC,EAARc,GACA,IADA,GACOF,CADP,GACW,GADX,IACkB,CAACpF,CAAD,GAAK,CADvB,IAC4B,IADIC;AAED,KAJM,MAIA;AACL;AACAuF,SAAG,GAAG,OAHOH,CAAP,GAAW,GAAX,GAAiBpF,CAAjB,GAAqB,GAARb,GAA2BqF,CAA3B,GACA,IADA,GACOD,CADP,GACW,GADX,IACkB,CAACpF,CAAD,GAAK,CADvB,IAC4B,IADIC;AAED;;AAEDhE,SAAK,CAAC,cAAD,EAAiBuJ,GAAjB,CAAL;AACa,WAAOA,GAAP;AACD,GAvBM,CAAP;AAwBD,C,CAED;AACa;AACa;AACa;AACa;AACa;;AACa,SAASV,aAAT,CAAwBpC,IAAxB,EAA8BID,OAA9B,EAAC;AACrC,SAAOkD,IAAI,CAAC1C,IAAL,GAAYnI,KAAZ,CAAkB,KAAIB,EAAYBH,GAAzB,CAA6B,UAAUgL,IAAV,EAAGB;AACID,WAAO+C,YAAY,CAAC/C,IAAD,EAAOID,OAAP,CAAnB;AACD,GAFM,EAElpV,IAFI,CAEC,GAFD,CAAP;AAGD;;AAED,SAASqb,YAAT,CAAuB/C,IAAvB,EAA6BID,OAA7B,EAAsC;AACpCvD,OAAC,CAAC,OAAD,EAAUyG,IAAV,EAAGBID,OAABH,CAAL;AACa,MAAIG,CAAC,GAAGH,OAAO,CAACC,KAAR,GAAGBjD,EAAE,CAACE,CAAC,CAACsC,UAAH,CAAIB,GAAMCxC,EAAE,CAACE,CAAC,CAACqC,KAAH,CAA7C;AACa,SAAO2D,IAAI,CAACnN,OAAL,CAAaoK,CAAb,EAAGB,UAAUyF,CAAV,EAAC,CAAb,EAAGBpF,CAAhB,EAAMBqF,CAAnB,EAAsBC,EAAtB,EAA0B;AAC/CtJ,SAAK,CAAC,OAAD,EAAUyG,IAAV,EAAGB0C,CAAhB,EAAMBC,CAAnB,EAAsBpF,CAAtB,EAAYBqF,CAAzB,EAA4BC,EAA5B,CAAL;AACa,QAAIC,GAAJ;;AAEA,QAAIN,GAAG,CAACG,CAAD,CAAP,EAAY;AACVG,SAAG,GAAG,EAAN;AACD,KAFD,MAEO,IAAIN,GAAG,CAACjF,CAAD,CAAP,EAAY;AACjBuF,SAAG,GAAG,OAHOH,CAAP,GAAW,QAAX,IAAuB,CAACA,CAAD,GAAK,CAA5B,IAAiC,MAAvC;AACD,KAFM,MAEA,IAAIH,GAAG,CAACI,CAAD,CAAP,EAAY;AACjB,UAAID,CAAC,KAAK,GAAV,EAAE;AACbG,WAAG,GAAG,OAHOH,CAAP,GAAW,GAAX,GAAiBpF,CAAjB,GAAqB,MAArB,GAA8BoF,CAA9B,GAAC,GAACI,IAAyC,CAACpF,CAAD,GAAK,CAA9C,IAAmD,IAAzD;AACD,OAfD,MAEO;AACLuF,WAAG,GAAG,OAHOH,CAAP,GAAW,GAAX,GAAiBpF,CAAjB,GAAqB,MAArB,IAA+B,CAACoF,CAAD,GAAK,CAAP,IAAyC,MAA/C;AACD;AACF,KANM,MAMA,IAAIE,EAAY,EAAG;AACbtJ,WAAK,CAAC,iBAAD,EAAoBsJ,EAAPB,CAAL;;AACa,UAAIF,CAAC,KAAK,GAAV,EAAE;AACb,YAAIpF,CAAC,KAAK,GAAV,EAAE;AACbuF,aAAG,GAAG,OAHOH,CAAP,GAAW,GAAX,GAAiBpF,CAAjB,GAAqB,GAARb,GAA2BqF,CAA3B,GAA+B,GAA/B,GAAqCC,EAARc,GACA,IADA,GACOF,CADP,GACW,GADX,GACiBpF,CADjB,GACqB,GADrB,IAC4B,CAACqF,CAAD,GAAK,CADjC,CAAN;AAED,SAHD,MAGO;AACLE,aAAG,GAAG,OAHOH,CAAP,GAAW,GAAX,GAAiBpF,CAAjB,GAAqB,GAARb,GAA2BqF,CAA3B,GAA+B,GAA/B,GAAqCC,EAARc,GACA,IADA,GACOF,CADP,GACW,GADX,IACkB,CAACpF,CAAD,GAAK,CADvB,IAC4B,IADIC;AAED;AACF,OAD,MAQO;AACLuF,WAAG,GAAG,OAHOH,CAAP,GAAW,GAAX,GAAiBpF,CAAjB,GAAqB,GAARb,GAA2BqF,CAA3B,GAA+B,GAA/B,GAAqCC,EAARc,GACA,IADA,IACQ,CAACF,CAAD,GAAK,CADb,IACkB,MADxB;AAED;AACF,KAdM,MAcA;AACLpJ,WAAK,CAAC,OAAD,CAAL;;AACa,UAAIoJ,CAAC,KAAK,GAAV,EAAE;AACb,YAAIpF,CAAC,KAAK,GAAV,EAAE;AACbuF,aAAG,GAAG,OAHOH,CAAP,GAAW,GAAX,GAAiBpF,CAAjB,GAAqB,GAARb,GAA2BqF,CAA3B,GACA,IADA,GACOD,CADP,GACW,GADX,GACiBpF,CADjB,GACqB,GADrB,IAC4B,CAACqF,CAAD,GAAK,CADjC,CAAN;AAED,SAHD,MAGO;AACLE,aAAG,GAAG,OAHOH,CAAP,GAAW,GAAX,GAAiBpF,CAAjB,GAAqB,GAARb,GAA2BqF,CAA3B,GACA,IADA,GA

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N,EAEUC,EAFV,EAECc,EAFd,EAekBC,GAFIB,EAeuBC,EAFvB,EAE2B;AACzB,MAAIxB,GAAG,CAACe,E
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,8BAA8B,CAAC7+B,EAAD,CAA9B,IAAsC,CAAC0vB,mCADzC;AAGD,GA1xFkB,CA4xFnB;AACa;;;AACa, WAASiS,mBAAT,CAA6Bt+B,IAA7B,EAA2D;AACzD,QAAIxG,OAAO,GAAG4kC,uBAAd;AACAp+B,QAAI,C AACIG,OAAL,CAAa,UAAAC,GAAG,EAAI;AACIB,UAAI,CAACP,OAAO,CAACO,GAAD,CAAZ,EAAmB;AA CjBP,eAAO,CAACO,GAAD,CAAP,GA Ae,EAAf;AACD;;AACDP,aAAO,GAAGA,OAAO,CAACO,GAAD,CAAj B;AACD,KALD;AAMD;;AAED,WAASwkC,mBAAT,CACExkC,GADF,EAEeykC,iBAFF,EAGE;AACa;AACa; AACa,WAAO,SAASv4B,aAAT,CAAuBjG,IAAvB,EAA8D;AACnE,cAAQw+B,iBAAR;AAcE,aAAK,OAAL;A ACE,cAAIx+B,IAAI,CAAC/E,MAAL,KAAgB,CAApB,EAAuB;AACrB;AACa,mBAAO,IAAP;AACD;;AAED,c ACE+E,IAAI,CAACA,IAAI,CAAC/E,MAAL,GAAC,CAAf,CAAJ,KAA0B,YAA1B,IACA+E,IAAI,CAACA,IAAI ,CAAC/E,MAAL,GAAC,CAAf,CAAJ,KAA0B,UAF5B,EAGE;AACa;AACa;AACa;AACa,mBAAO,IAAP;AAC D;;AAED,cACE+E,IAAI,CAACA,IAAI,CAAC/E,MAAL,GAAC,CAAf,CAAJ,KAA0B,UAA1B,IACA+E,IAAI,C AACa,IAAI,CAAC/E,MAAL,GAAC,CAAf,CAAJ,KAA0B,UAF5B,EAGE;AACa;AACa;AACa;AACa,mBAA O,IAAP;AACD;;AACD;;AACF;AAcE;AA5BJ;;AA+BA,UAAIzB,OAAO,GACTO,GAAG,KAAK,IAAR,GA Ae qk C,uBAAf,GAAYCA,uBAAuB,CAACrkC,GAAD,CADIE;;AAEA,UAAI,CAACP,OAAL,EAAc;AACZ,eAAO,KA AP;AACD;;AACD,WAAK,IAAIwB,CAAC,GAAG,CAAb,EAAgBA,CAAC,GAAGgF,IAAI,CAAC/E,MAAzB,E AAiCD,CAAC,EAAIC,EAAc;AACpCxB,eAAO,GAAGA,OAAO,CAACwG,IAAI,CAACHF,CAAD,CAAL,CAA jB;;AACa,YAAI,CAACxB,OAAL,EAAc;AACZ,iBAAO,KAAP;AACD;AACF;;AACD,aAAO,IAAP;AACD,KA5 CD;AA6CD;;AAED,WAASiL,qBAAT,CAA+BC,gBAA/B,EAAyE;AAAA,QACHE7N,KADgE,GAC5C6N,gBAD 4C,CACHE7N,KADgE;AAAA,QACzDI0B,EADyD,GAC5C+hC,gBAD4C,CACzD/hC,EADyD;AAAA,QACrD2z B,KADqD,GAC5CoO,gBAD4C,CACrDpO,KADqD;AAGvE,QAAM9L,KAAK,GAAGiH,qBAAqB,CAAClxB,GA AtB,CAA0BoC,EAA1B,CAAd;;AACa,QAAI6nB,KAAK,IAAI,IAAb,EAAmB;AACjBjnB,aAAO,CAAC4wB,IA AR,0CAA8CxxB,EAA9C;AACa;AACD;;AAPsE,QAShEwF,WATgE,GAS3BqiB,KAT2B,CAShEriB,WATgE;A AAA,QASnD2F,SATmD,GAS3B0c,KAT2B,CASnD1c,SATmD;AAAA,QASxC4hB,GATwC,GAS3BIF,KAT2B,C ASxCkF,GATwC;AAAA,QASnCtvB,IATmC,GAS3BoqB,KAT2B,CASnCpqB,IATmC;;AAWvE,YAAQsvB,GAA R;AAcE,WAAK3B,cAAL;AACa,WAAKS,wBAAL;AACa,WAAKC,sBAAL;AAcElc,cAAM,CAACoyB,EAAP, GAAY72B,SAAZ;AACa;;AACF,WAAKqgB,iBAAL;AAcE5b,cAAM,CAACoyB,EAAP,GAAY;AACV9N,eAA K,EAALA,KADU;AAEVP,eAAK,EAALA,KAFU;AAGV12B,cAAI,EAAJA;AAHU,SAAZ;AAKA;;AACF,WAA KmI,UAAL;AAcEgK,cAAM,CAACoyB,EAAP,GAAY;AACV9N,eAAK,EAALA,KADU;AAEVP,eAAK,EAAL A,KAFU;AAGV12B,cAAI,EAAEA,IAAI,CAACqvB;AAHD,SAAZ;AAKA;;AACF,WAAKb,aAAL;AACa,WAA KI,mBAAL;AAcEzc,cAAM,CAACoyB,EAAP,GAAY;AACV9N,eAAK,EAALA,KADU;AAEVP,eAAK,EAALA, KAFU;AAGV12B,cAAI,EACF+H,WAAW,IAAI,IAAf,IAAuBA,WAAW,CAAC/H,IAAZ,IAAoB,IAA3C,GACI+H ,WAAW,CAAC/H,IADhB,GAEIA;AANI,SAAZ;AAQA;;AACF;AAcEmS,cAAM,CAACoyB,EAAP,GAAY,IAA Z;AACa;AAjCJ;AAmCD;;AAED,WAASC,aAAT,CACEjiC,EADF,EAEeqD,IAFF,EAGE2sB,KAHF,EAIQ;AAC N,QAAI6O,8BAA8B,CAAC7+B,EAAD,CAAIC,EAAwC;AACtC,UAAMe,KAAK,GAAGoC,oCAAW,CACrBssB ,4BADqB,EAEvBpsB,IAFuB,CAAzB;AAIA,UAAmJG,GAAG,uBAAGb4yB,KAAhB,CAAT;AAEA9IB,YAAM,C AAC9M,GAAD,CAAN,GAAC2D,KAAAd;AAEAH,aAAO,CAACC,GAAR,CAAYzD,GAAZ;AACawD,aAAO,CA ACC,GAAR,CAAYE,KAAZ;AACD;AACF;;AAED,WAASmhC,eAAT,CAAYBliC,EAzB,EAAqCqD,IAArC,EA AyE;AACvE,QAAIw7B,8BAA8B,CAAC7+B,EAAD,CAAIC,EAAwC;AACtC6J,sDAAe,CACb1G,oCAAW,CAC PssB,4BADO,EAETpsB,IAFS,CADE,CAAf;AAMD;AACF;;AAED,WAAS8+B,cAAT,CACEC,SADF,EAEepiC, EAFF,EAGEqD,IAHF,EAIEg/B,aAJF,EAK2B;AACzB,QAAIh/B,IAAI,KAAK,IAAb,EAAmB;AACjBs+B,yBAA mB,CAACt+B,IAAD,CAAnB;AACD;;AAED,QAAIw7B,8BAA8B,CAAC7+B,EAAD,CAA9B,IAAsC,CAACqiC, aAA3C,EAA0D;AACxD,UAAI,CAAC3S,mCAAL,EAA0C;AACxC,YAAIrsB,IAAI,KAAK,IAAb,EAAmB;AACj B,cAAIw+B,iBAAiB,GAAG,IAAxB;;AACa,cAAIx+B,IAAI,CAAC,CAAD,CAAJ,KAAy,OAAhB,EAAyB;AAC vBw+B,6BAAiB,GAAG,OAAPB;AACD,WAJgB,CAMjB;AACa;;;AACa,iBAAO;AACL7hC,cAAE,EAAFA,EA DK;AAELsiC,sBAAU,EAAEF,SAFP;AAGL3kC,gBAAI,EAAE,eAHD;AAIL4F,gBAAI,EAAJA,IAJK;AAKLtC,i BAAK,EAAEsI,+CAAc,CACnBIG,oCAAW,CACPssB,4BADO,EAETpsB,IAFS,CADQ,EAKnBu+B,mBAAmB,C AAC,IAAD,EAAOC,iBAAP,CALA,EAMnBx+B,IANmB;AALhB,WAAP;AAcD,SATBD,MAsBO;AACL;AACa; AACa,iBAAO;AACLrD,cAAE,EAAFA,EADK;AAELsiC,sBAAU,EAAEF,SAFP;AAGL3kC,gBAAI,EAAE;AAH D,WAAP;AAKD;AACF;AACF,KAICD,MakCO;AACLgkC,6BAAuB,GAAG,EAA1B;AACD;;AAED/R,uCAAm

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,EAA8C;AAAA;;AAC5C,OAAKhvC,GAAL,GAAWA,GAAX;AACa,OAAK2D,KAAL,GAAaA,KAAb;AACa,O
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OAAP,GAAiBi/B,QAAjB,C,,,,,,,,,,,,,,,,,,,,,,,,,,,,,AC7UA,,,,,,;AASA;AACa;AACa;AAEA;AACa;AACO,IAAI6B, kBAaKb,GAAG,MAAZb;AACa,IAAIc,iBAaIB,GAAG,MAAxB;AACa,IAAIc,mBAAmB,GAAG,MAA1B;AA CA,IAAIc,sBAAsB,GAAG,MAA7B;AACa,IAAIc,mBAAmB,GAAG,MAA1B;AACa,IAAIc,mBAAmB,GAAG ,MAA1B;AACa,IAAIc,kBAaKb,GAAG,MAAZb;AACa,IAAIc,sBAAsB,GAAG,MAA7B;AACa,IAAIc,mBA AmB,GAAG,MAA1B;AACa,IAAIc,wBAAwB,GAAG,MAA/B;AACa,IAAIc,eAAe,GAAG,MAAtB;AACa,IA AIc,eAAe,GAAG,MAAtB;AACa,IAAIc,gBAAgB,GAAG,MAAvB;AACa,IAAIc,6BAA6B,GAAG,MAApC;A ACA,IAAIc,oBAAoB,GAAG,MAA3B;AACa,IAAIc,wBAAwB,GAAG,MAA/B;AACa,IAAIc,gBAAgB,GAAG ,MAAvB;;AAEP,IAAI,OAAOnrC,MAAP,KAaKb,UAAIB,IAAgCA,MAAM,CAACorC,GAA3C,EAAgD;AAC9C ,MAAMC,SAAS,GAAGrrC,MAAM,CAACorC,GAAzB;AACAJb,oBAaKb,GAAGkB,SAAS,CAAC,eAAD,CAA 9B;AACAJb,mBAAiB,GAAGiB,SAAS,CAAC,cAAD,CAA7B;AACAhB,qBAAmB,GAAGgB,SAAS,CAAC,gBA AD,CAA/B;AACAf,wBAAsB,GAAGe,SAAS,CAAC,mBAAD,CAAIc;AACAd,qBAAmB,GAAGc,SAAS,CAAC, gBAAD,CAA/B;AACAb,qBAAmB,GAAGa,SAAS,CAAC,gBAAD,CAA/B;AACAZ,oBAaKb,GAAGY,SAAS,C AAC,eAAD,CAA9B;AACAX,wBAAsB,GAAGW,SAAS,CAAC,mBAAD,CAAIc;AACAV,qBAAmB,GAAGU,S AAS,CAAC,gBAAD,CAA/B;AACAT,0BAAwB,GAAGS,SAAS,CAAC,qBAAD,CAApC;AACAR,iBAaE,GAAG Q,SAAS,CAAC,YAAD,CAA3B;AACAP,iBAaE,GAAGO,SAAS,CAAC,YAAD,CAA3B;AACAN,kBAAGB,GAA GM,SAAS,CAAC,aAAD,CAA5B;AACAL,+BAA6B,GAAGK,SAAS,CAAC,wBAAD,CAAZC;AACAJ,sBAAoB, GAAGI,SAAS,CAAC,iBAAD,CAAhC;AACAH,0BAAwB,GAAGG,SAAS,CAAC,qBAAD,CAApC;AACAF,kBA AgB,GAAGE,SAAS,CAAC,aAAD,CAA5B;AACD;;AAED,IAAMC,qBAaqB,GAAG,OAAOrC,MAAP,KAaKb, UAAIB,IAAgCA,MAAM,CAACC,QAARe;AACa,IAAMsrC,oBAAoB,GAAG,YAA7B;AAEO,SAASC,aAAT,CA AuBC,aAAvB,EAAIE;AACTe,MAAIA,aAAa,KAaK,IAAIb,IAA0B,QAAOA,aAAP,MAAyB,QAavD,EAAIE;AA C/D,WAAO,IAAP;AACD;;AACD,MAAMC,aAAa,GACHBJ,qBAAqB,IAAIG,aAAa,CAACH,qBAAD,CAAvC,IA CAG,aAAa,CAACF,oBAAD,CAFF;;AAGA,MAAI,OAAOG,aAAP,KAAYB,UAA7B,EAAyC;AACvC,WAAOA,a AAP;AACD;;AACD,SAAO,IAAP;AACD,C,,,,;ACpEY;;AAEb,IAAIjtC,IAAJ,EAA2C;AACzC2K,QAAM,CAA CC,OAAP,GAAiBC,mBAAO,CAAC,EAAD,CAAxB;AACD,CAFD,MAEO,E,,,,,,,,,,,,,,,,,,,,;ACJP,,,,;AASA;AA CA;AACa;AAEA;AACa;AACa;AACa;AAEA,IAAIqiC,aAAa,GAAG,CAApB;AACa,IAAIc,OAAJ;AACa,IA AIc,QAAJ;AACa,IAAIc,QAAJ;AACa,IAAIc,SAAJ;AACa,IAAIc,SAAJ;AACa,IAAIc,kBAAJ;AACa,IAAIc ,YAAJ;;AAEA,SAASC,WAAAT,GAAuB,CAAe;;AACzBA,WAAW,CAACC,kBAAZ,GAAiC,IAAJC;AAEO,SAA SC,WAAAT,GAA6B;AACIC,MAAIV,aAAa,KAaK,CAAtB,EAAyB;AACvB;AACAC,WAAO,GAAG3uC,OAAO, CAACC,GAAIB;AACAZ2uC,YAAQ,GAAG5uC,OAAO,CAACqVc,IAAnB;AACAR,YAAQ,GAAG7uC,OAAO,C AAC4wB,IAAnB;AACAKE,aAAS,GAAG9uC,OAAO,CAACU,KAAPB;AACAquC,aAAS,GAAG/uC,OAAO,CAA CsvC,KAAPB;AACAN,sBAaKb,GAAGhvC,OAAO,CAACiwB,cAA7B;AACAGf,gBAAY,GAAGjvC,OAAO,CA ACmwB,QAavB,CARuB,CASvB;;AACa,QAAM4C,KAaK,GAAG;AACZtT,kBAAY,EAAE,IADF;AAEZhjB,g BAAU,EAAE,IAFA;AAGZ0D,WAAK,EAAE+uC,WAAK;AAIZK,cAAQ,EAAE;AAJE,KAAd,CAVuB,CAGvB; ;AACApzC,UAAAM,CAACqjB,gBAAP,CAAwBxf,OAAxB,EAAiC;AAC/BqvC,UAAI,EAAEtc,KADyB;AAE/B9y B,SAAG,EAAE8yB,KAF0B;AAG/BnC,UAAI,EAAEmC,KAHYB;AAI/BryB,WAAK,EAAEqyB,KAJwB;AAK/Bu c,WAAK,EAAEvc,KALwB;AAM/B9C,oBAAc,EAAE8C,KANe;AAO/B5C,cAAQ,EAAE4C;AAPqB,KAajC;AA SA;AACD;;AACD2b,eAAa;AACd;AAEM,SAASC,YAAT,GAA8B;AACnCd,eAAa;;AACb,MAAIA,aAAa,KAaK, CAAtB,EAAyB;AACvB;AACa,QAAM3b,KAaK,GAAG;AACZtT,kBAAY,EAAE,IADF;AAEZhjB,gBAAU,EA AE,IAFA;AAGZ8yC,cAAQ,EAAE;AAHE,KAAd,CAFuB,CAOVb;;AACApzC,UAAAM,CAACqjB,gBAAP,CAAw Bxf,OAAxB,EAAiC;AAC/BC,SAAG,kCAAM8yB,KAAN;AAAa5yB,aAAK,EAAEwuC;AAAPB,QAD4B;AAE/B U,UAAI,kCAAMtc,KAAN;AAAa5yB,aAAK,EAAEyuC;AAAPB,QAF2B;AAG/Bhe,UAAI,kCAAMmC,KAAN;A AAa5yB,aAAK,EAAE0uC;AAAPB,QAH2B;AAI/BnuC,WAAK,kCAAMqyB,KAAN;AAAa5yB,aAAK,EAAE2uC ;AAAPB,QAJ0B;AAK/BQ,WAAK,kCAAMvc,KAAN;AAAa5yB,aAAK,EAAE4uC;AAAPB,QAL0B;AAM/B9e,o BAAc,kCAAM8C,KAAN;AAAa5yB,aAAK,EAAE6uC;AAAPB,QANiB;AAO/B7e,cAAQ,kCAAM4C,KAAN;AA Aa5yB,aAAK,EAAE8uC;AAAPB;AAPuB,KAajC;AASA;AACD;;AACD,MAAIP,aAAa,GAAG,CAApB,EAAuB; AACrBluC,WAAO,CAACU,KAAR,CACE,oCACE,+CAFJ;AAID;AACF,C;;;ACzFD,,,,;AASA;AACa;AACa; AACa;CAmBA;AACa;;AACa;AAEA,IAAIoW,MAAJ;AACO,SAAS24B,6BAAT,CACLvyC,IADK,EAELsQ,M AFK,EAGLkiC,OAHK,EAIG;AACR,MAAI54B,MAAM,KAaK3Y,SAAf,EAA0B;AACxB;AACa,QAAI;AACF,

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8C,UAAf,EAA4C;AAC1C,MAAI50D,8BAAJ,EAAe;AAAA;;AAAA,sCADqB0R,IACrB;AADqBA,UACrB;AAA
A;;AACb,gBAAA7K,OAAO,EAACC,GAAR,+CACwB8tD,UADxB,GAEE,iCAFF,EAGE,oBAHF,SAIKljD,IAJL;
AAMD;AACF;;AAEM,SAAS8sD,iBAAT,CAA2B3iD,OAA3B,EAAqD;AAC1D,MAAI4X,YAAI,IAAI,IAAZ,EA
AkB;AACbB;AACa;AACD;;AAJyD,aActD5X,OAAO,IAAI,EAd2C;AAAA,uBAMxD4iD,IANwD;AAAA,MAM
xDA,IANwD,0BAMjD,WANiD;AAAA,MAOxDC,gCAPwD,QA0xDA,gCAPwD;AAAA,2BAQxDC,QARwD;A
AAA,MAQxDA,QARwD,8BAQ7C,KAR6C;AAAA,uBASxDC,IATwD;AAAA,MASxDA,IATwD,0BASjD,IATiD
;AAAA,MAUxDC,SAVwD,QUxwD,SAVwD;AAAA,iCAWxDC,cAXwD;AAAA,MAWxDA,cAXwD,oCAWvC
,IAXuC;AAAA,mCAYxDC,oBAZwD;AAAA,MAYxDA,oBAZwD,sCAYjC,IAZiC;AAAA,8BAaxDC,WAbwD;A
AAA,MAaxDA,WAbwD,iCAa1C;AAAA,WAAM,IAAN;AAAA,GAb0C;;AAgB1D,MAAMC,QAAQ,GAAGN,Q
AAQ,GAAG,KAAH,GAAW,IAApC;AACa,MAAIO,cAAgC,GAAG,IAAvC;;AAEA,WAASC,aAAT,GAAYB;AA
CvB,QAAID,cAAc,KAAK,IAAvB,EAA6B;AAC3B;AACAA,oBAAc,GAAGxnD,UAAU,CACzB;AAAA,eAAM8
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AAG,IAAnC;AAEA,MAAMmP,gBAAGB,GAAG,EAazB;AACa,MAAMC,GAAG,GAAGJ,QAAQ,GAAG,KAA
X,GAAMBR,IAAnB,GAA0B,GAA1B,GAAgCG,IAA5C,CAvC0D,CAyC1D;AACa;AACa;;AACa,MAAMU,EA
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kB,SAAH,GAaeqIB,aAaf;;AACAN,IAAE,CAACO,MAAH,GAAY,YAAW;AACrB5P,UAAM,GAAG,IAAIgE,U
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,UAAzB,CAAjB;;AACa,UAAI0Q,QAAQ,IAAI,IAAhB,EAA5B;AACpB;AACa,YAAM+3C,KAA0B,GAAG/3C,
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 Content":["(function webpackUniversalModuleDefinition(root, factory) {\n\tif(typeof exports === 'object' &&
 typeof module === 'object')\n\t\tmodule.exports = factory();\n\telse if(typeof define === 'function' &&
 define.amd)\n\t\tdefine([], factory);\n\telse if(typeof exports === 'object')\n\t\texports["ReactDevToolsBackend"] =
 factory();\n\telse\n\t\troot["ReactDevToolsBackend"] = factory();\n})(window, function() {\n\treturn ", "\n\t// The
 module cache\n\t\tvar installedModules = {};\n\t\t// The require function\n\t\tfunction
 __webpack_require__(moduleId) {\n\t\t\t// Check if module is in cache\n\t\t\tif(installedModules[moduleId]) {\n\t\t\t\treturn installedModules[moduleId].exports;\n\t\t\t}\n\t\t\t// Create a new module (and put it into the cache)\n\t\t\tvar module = installedModules[moduleId] = {\n\t\t\t\t\tmoduleId,\n\t\t\t\t\tloaded: false,\n\t\t\t\t\texports: {}\n\t\t\t\t};\n\t\t\t// Execute the module function\n\t\t\tmodules[moduleId].call(module.exports, module, module.exports,
 __webpack_require__);
 \n\t\t\t// Flag the module as loaded\n\t\t\tmodule.l = true;\n\t\t\t// Return the exports of the
 module\n\t\t\treturn module.exports;\n\t\t}\n\t\t// expose the modules object (__webpack_modules__)\n\t\t__webpack_require__.m = modules;\n\t\t// expose the module cache\n\t\t__webpack_require__.c =
 installedModules;\n\t\t// define getter function for harmony exports\n\t\t__webpack_require__.d = function(exports,
 name, getter) {\n\t\t\tif(!__webpack_require__.o(exports, name)) {\n\t\t\t\tObject.defineProperty(exports, name, {\n\t\t\t\t\tenumerable: true,
 get: getter\n\t\t\t});\n\t\t\t}\n\t\t\t// define __esModule on exports\n\t\t\t__webpack_require__.r =
 function(exports) {\n\t\t\tif(typeof Symbol !== 'undefined' && Symbol.toStringTag) {\n\t\t\t\tObject.defineProperty(exports, Symbol.toStringTag, { value: 'Module' });\n\t\t\t}\n\t\t\tObject.defineProperty(exports, '__esModule', { value: true });\n\t\t}\n\t\t// create a fake namespace object\n\t\tmode & 1: value is a module id, require it\n\t\tmode & 2: merge all properties of value into the ns\n\t\tmode & 4:
 return value when already ns object\n\t\tmode & 8|1: behave like require\n\t\t__webpack_require__.t =
 function(value, mode) {\n\t\tif(mode & 1) value = __webpack_require__(value);\n\t\tif(mode & 8) return value;\n\t\tif((mode & 4) && typeof value === 'object' && value && value.__esModule) return value;\n\t\tvar ns =
 Object.create(null);\n\t\t__webpack_require__.r(ns);\n\t\tObject.defineProperty(ns, 'default', { enumerable: true,
 value: value });\n\t\tif(mode & 2 && typeof value !== 'string') for(var key in value) __webpack_require__.d(ns, key,
 function(key) { return value[key]; }.bind(null, key));\n\t\treturn ns;\n\t}\n\t\t// getDefaultExport function for
 compatibility with non-harmony modules\n\t\t__webpack_require__.n = function(module) {\n\t\t\tvar getter = module
 && module.__esModule ?\n\t\t\t\tfunction getDefault() { return module['default']; }\n\t\t\t\tfunction
 getModuleExports() { return module; };\n\t\t\t__webpack_require__.d(getter, 'a', getter);\n\t\t\treturn getter;\n\t\t};\n\t\t}\n

```

\t// Object.prototype.hasOwnProperty.call\n \t__webpack_require__\.o = function(object, property) { return
Object.prototype.hasOwnProperty.call(object, property); }; \n \t// __webpack_public_path__\n
\t__webpack_require__\.p = \"\"; \n \n \t// Load entry module and return exports\n \treturn
__webpack_require__(__webpack_require__\.s = 33); \n\", \"/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n
*\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this
source tree.\n *\n * @flow\n */\n\n\texport type Wall = {\n // `listen` returns the `unlisten` function.\n listen: (fn:
Function) => Function,\n send: (event: string, payload: any, transferable?: Array<any>) => void,\n}; \n \n//
WARNING\n// The values below are referenced by ComponentFilters (which are saved via localStorage).\n// Do not
change them or it will break previously saved user customizations.\n// If new element types are added, use new
numbers rather than re-ordering existing ones.\n\n\n// Changing these types is also a backwards breaking change for
the standalone shell,\n// since the frontend and backend must share the same values-\n// and the backend is
embedded in certain environments (like React Native).\n\n\texport const ElementTypeClass = 1;\n\texport const
ElementTypeContext = 2;\n\texport const ElementTypeFunction = 5;\n\texport const ElementTypeForwardRef =
6;\n\texport const ElementTypeHostComponent = 7;\n\texport const ElementTypeMemo = 8;\n\texport const
ElementTypeOtherOrUnknown = 9;\n\texport const ElementTypeProfiler = 10;\n\texport const ElementTypeRoot =
11;\n\texport const ElementTypeSuspense = 12;\n\texport const ElementTypeSuspenseList = 13;\n\n\n// Different types
of elements displayed in the Elements tree.\n// These types may be used to visually distinguish types,\n// or to
enable/disable certain functionality.\n\texport type ElementType = 1 | 2 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13;\n\n\n//
WARNING\n// The values below are referenced by ComponentFilters (which are saved via localStorage).\n// Do not
change them or it will break previously saved user customizations.\n// If new filter types are added, use new
numbers rather than re-ordering existing ones.\n\n\texport const ComponentFilterElementType = 1;\n\texport const
ComponentFilterDisplayName = 2;\n\texport const ComponentFilterLocation = 3;\n\texport const
ComponentFilterHOC = 4;\n\n\texport type ComponentFilterType = 1 | 2 | 3 | 4;\n\n\n// Hide all elements of types in
this Set.\n// We hide host components only by default.\n\texport type ElementTypeComponentFilter = {\n\n isEnabled:
boolean,\n type: 1,\n value: ElementType,\n}; \n\n\n// Hide all elements with displayNames or paths matching one or
more of the RegExps in this Set.\n// Path filters are only used when elements include debug source location.\n\texport
type RegExpComponentFilter = {\n\n isEnabled: boolean,\n isValid: boolean,\n type: 2 | 3,\n value:
string,\n}; \n\n\n\texport type BooleanComponentFilter = {\n\n isEnabled: boolean,\n isValid: boolean,\n type:
4,\n}; \n\n\n\texport type ComponentFilter = \n | BooleanComponentFilter\n | ElementTypeComponentFilter\n |
RegExpComponentFilter;\n\n\texport type HookName = string | null;\n\n\n// Map of hook source (\"<filename>:<line-
number>:<column-number>\") to name.\n// Hook source is used instead of the hook itself because the latter is not
stable between element inspections.\n// We use a Map rather than an Array because of nested hooks and traversal
ordering.\n\texport type HookSourceLocationKey = string;\n\texport type HookNames =
Map<HookSourceLocationKey, HookName>; \n\n\texport type LRUCache<K, V> = {\n\n get: (key: K) => V,\n has:
(key: K) => boolean,\n remove: (key: K) => void,\n reset: () => void,\n set: (key: K, value: V) =>
void,\n}; \n\n\n\texport type StyleXPlugin = {\n\n sources: Array<string>,\n resolvedStyles: Object,\n}; \n\n\n\texport type
Plugins = {\n\n stylex: StyleXPlugin | null,\n}; \n\n\n\texport const StrictMode = 1;\n\", \"/*\n * Copyright (c) Facebook,
Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in
the root directory of this source tree.\n *\n * @flow\n */\n\n\texport const
CHROME_WEBSTORE_EXTENSION_ID = 'fmkadmapofadopljbjfkpdkoienihi'; \n\texport const
INTERNAL_EXTENSION_ID = 'dnjnjgbfilfphmojnmhliehogmojhclc'; \n\texport const LOCAL_EXTENSION_ID =
'ikiahnpldjmdmpkmfhdjilojjhgcbf'; \n\n\n// Flip this flag to true to enable verbose console debug logging.\n\texport
const __DEBUG__ = false;\n\n\n// Flip this flag to true to enable performance.mark() and performance.measure()
timings.\n\texport const __PERFORMANCE_PROFILE__ = false;\n\n\n\texport const TREE_OPERATION_ADD =
1;\n\texport const TREE_OPERATION_REMOVE = 2;\n\texport const
TREE_OPERATION_REORDER_CHILDREN = 3;\n\texport const
TREE_OPERATION_UPDATE_TREE_BASE_DURATION = 4;\n\texport const
TREE_OPERATION_UPDATE_ERRORS_OR_WARNINGS = 5;\n\texport const

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TREE_OPERATION_REMOVE_ROOT = 6;\nexport const TREE_OPERATION_SET_SUBTREE_MODE =
7;\n\nexport const LOCAL_STORAGE_DEFAULT_TAB_KEY = 'React::DevTools::defaultTab';\n\nexport const
LOCAL_STORAGE_FILTER_PREFERENCES_KEY =\n 'React::DevTools::componentFilters';\n\nexport const
SESSION_STORAGE_LAST_SELECTION_KEY =\n 'React::DevTools::lastSelection';\n\nexport const
LOCAL_STORAGE_OPEN_IN_EDITOR_URL =\n 'React::DevTools::openInEditorUrl';\n\nexport const
LOCAL_STORAGE_PARSE_HOOK_NAMES_KEY =\n 'React::DevTools::parseHookNames';\n\nexport const
SESSION_STORAGE_RECORD_CHANGE_DESCRIPTIONS_KEY =\n
'React::DevTools::recordChangeDescriptions';\n\nexport const
SESSION_STORAGE_RELOAD_AND_PROFILE_KEY =\n 'React::DevTools::reloadAndProfile';\n\nexport
const LOCAL_STORAGE_SHOULD_BREAK_ON_CONSOLE_ERRORS =\n
'React::DevTools::breakOnConsoleErrors';\n\nexport const
LOCAL_STORAGE_SHOULD_PATCH_CONSOLE_KEY =\n
'React::DevTools::appendComponentStack';\n\nexport const
LOCAL_STORAGE_SHOW_INLINE_WARNINGS_AND_ERRORS_KEY =\n
'React::DevTools::showInlineWarningsAndErrors';\n\nexport const
LOCAL_STORAGE_TRACE_UPDATES_ENABLED_KEY =\n
'React::DevTools::traceUpdatesEnabled';\n\nexport const
LOCAL_STORAGE_HIDE_CONSOLE_LOGS_IN_STRICT_MODE =\n
'React::DevTools::hideConsoleLogsInStrictMode';\n\nexport const PROFILER_EXPORT_VERSION =
5;\n\nexport const CHANGE_LOG_URL =\n 'https://github.com/facebook/react/blob/main/packages/react-
devtools/CHANGELOG.md';\n\nexport const UNSUPPORTED_VERSION_URL =\n
'https://reactjs.org/blog/2019/08/15/new-react-devtools.html#how-do-i-get-the-old-version-back';\n\nexport const
REACT_DEVTOOLS_WORKPLACE_URL =\n 'https://fburl.com/react-devtools-workplace-group';\n\nimport
type {\n Theme,\n DisplayDensity,\n} from './devtools/views/Settings/SettingsContext';\n\nexport const
THEME_STYLES: {[style: Theme | DisplayDensity]: any} = {\n light: {\n '--color-attribute-name': '#ef6632',\n
'--color-attribute-name-not-editable': '#23272f',\n '--color-attribute-name-inverted': 'rgba(255, 255, 255, 0.7)',\n
'--color-attribute-value': '#1a1aa6',\n '--color-attribute-value-inverted': '#ffffff',\n
'--color-attribute-editable-value': '#1a1aa6',\n '--color-background': '#ffffff',\n
'--color-background-hover': 'rgba(0, 136, 250, 0.1)',\n '--color-background-inactive': '#e5e5e5',\n
'--color-background-invalid': '#fff0f0',\n '--color-background-selected': '#0088fa',\n
'--color-button-background': '#ffffff',\n '--color-button-background-focus': '#dedede',\n
'--color-button': '#5f6673',\n '--color-button-disabled': '#cfd1d5',\n '--color-button-active': '#0088fa',\n
'--color-button-focus': '#23272f',\n '--color-button-hover': '#23272f',\n '--color-border': '#eeeeee',\n
'--color-commit-did-not-render-fill': '#cfd1d5',\n '--color-commit-did-not-render-fill-text': '#000000',\n
'--color-commit-did-not-render-pattern': '#cfd1d5',\n '--color-commit-did-not-render-pattern-text': '#333333',\n
'--color-commit-gradient-0': '#37afa9',\n '--color-commit-gradient-1': '#63b19e',\n
'--color-commit-gradient-2': '#80b393',\n '--color-commit-gradient-3': '#97b488',\n
'--color-commit-gradient-4': '#abb67d',\n '--color-commit-gradient-5': '#beb771',\n
'--color-commit-gradient-6': '#cfb965',\n '--color-commit-gradient-7': '#dfba57',\n
'--color-commit-gradient-8': '#efbb49',\n '--color-commit-gradient-9': '#fbc38',\n
'--color-commit-gradient-text': '#000000',\n '--color-component-name': '#6a51b2',\n
'--color-component-name-inverted': '#ffffff',\n '--color-component-badge-background': 'rgba(0, 0, 0, 0.1)',\n
'--color-component-badge-background-inverted': 'rgba(255, 255, 255, 0.25)',\n
'--color-component-badge-count': '#777d88',\n '--color-component-badge-count-inverted': 'rgba(255, 255, 255,
0.7)',\n '--color-console-error-badge-text': '#ffffff',\n '--color-console-error-background': '#fff0f0',\n
'--color-console-error-border': '#ffd6d6',\n '--color-console-error-icon': '#eb3941',\n
'--color-console-error-text': '#fe2e31',\n '--color-console-warning-badge-text': '#000000',\n
'--color-console-warning-background': '#fffbe5',\n '--color-console-warning-border': '#fff5c1',\n
'--color-console-warning-icon': '#f4bd00',\n '--color-console-warning-text': '#64460c',\n
'--color-context-background': 'rgba(0,0,0,.9)',\n '--color-context-background-hover': 'rgba(255, 255, 255, 0.1)',\n
'--color-context-background-selected': '#178fb9',\n '--color-context-border': '#3d424a',\n
'--color-context-text': '#ffffff',\n '--color-context-text-selected': '#ffffff',\n '--color-dim':

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'#777d88',\n '--color-dimmer': '#cfd1d5',\n '--color-dimmest': '#eff0f1',\n '--color-error-background': 'hsl(0, 100%, 97%)',\n '--color-error-border': 'hsl(0, 100%, 92%)',\n '--color-error-text': '#ff0000',\n '--color-expand-collapse-toggle': '#777d88',\n '--color-link': '#0000ff',\n '--color-modal-background': 'rgba(255, 255, 255, 0.75)',\n '--color-bridge-version-npm-background': '#eff0f1',\n '--color-bridge-version-npm-text': '#000000',\n '--color-bridge-version-number': '#0088fa',\n '--color-primitive-hook-badage-background': '#e5e5e5',\n '--color-primitive-hook-badage-text': '#5f6673',\n '--color-record-active': '#fc3a4b',\n '--color-record-hover': '#3578e5',\n '--color-record-inactive': '#0088fa',\n '--color-resize-bar': '#e5e5e5',\n '--color-resize-bar-active': '#dcdcdc',\n '--color-resize-bar-border': '#d1d1d1',\n '--color-resize-bar-dot': '#333333',\n '--color-timeline-internal-module': '#d1d1d1',\n '--color-timeline-internal-module-hover': '#c9c9c9',\n '--color-timeline-internal-module-text': '#444',\n '--color-timeline-native-event': '#ccc',\n '--color-timeline-native-event-hover': '#aaa',\n '--color-timeline-network-primary': '#fcf3dc',\n '--color-timeline-network-primary-hover': '#f0e7d1',\n '--color-timeline-network-secondary': '#efc457',\n '--color-timeline-network-secondary-hover': '#e3ba52',\n '--color-timeline-priority-background': '#f6f6f6',\n '--color-timeline-priority-border': '#e5e5e5',\n '--color-timeline-user-timing': '#c9c9c9',\n '--color-timeline-user-timing-hover': '#93959a',\n '--color-timeline-react-idle': '#d3e5f6',\n '--color-timeline-react-idle-hover': '#c3d9ef',\n '--color-timeline-react-render': '#9fc3f3',\n '--color-timeline-react-render-hover': '#83afe9',\n '--color-timeline-react-render-text': '#11365e',\n '--color-timeline-react-commit': '#c88ff0',\n '--color-timeline-react-commit-hover': '#b281d6',\n '--color-timeline-react-commit-text': '#3e2c4a',\n '--color-timeline-react-layout-effects': '#b281d6',\n '--color-timeline-react-layout-effects-hover': '#9d71bd',\n '--color-timeline-react-layout-effects-text': '#3e2c4a',\n '--color-timeline-react-passive-effects': '#b281d6',\n '--color-timeline-react-passive-effects-hover': '#9d71bd',\n '--color-timeline-react-passive-effects-text': '#3e2c4a',\n '--color-timeline-react-schedule': '#9fc3f3',\n '--color-timeline-react-schedule-hover': '#2683E2',\n '--color-timeline-react-suspense-rejected': '#f1cc14',\n '--color-timeline-react-suspense-rejected-hover': '#ffdf37',\n '--color-timeline-react-suspense-resolved': '#a6e59f',\n '--color-timeline-react-suspense-resolved-hover': '#89d281',\n '--color-timeline-react-suspense-unresolved': '#c9c9c9',\n '--color-timeline-react-suspense-unresolved-hover': '#93959a',\n '--color-timeline-thrown-error': '#ee1638',\n '--color-timeline-thrown-error-hover': '#da1030',\n '--color-timeline-text-color': '#000000',\n '--color-timeline-text-dim-color': '#ccc',\n '--color-timeline-react-work-border': '#e5e5e5',\n '--color-search-match': 'yellow',\n '--color-search-match-current': '#f7923b',\n '--color-selected-tree-highlight-active': 'rgba(0, 136, 250, 0.1)',\n '--color-selected-tree-highlight-inactive': 'rgba(0, 0, 0, 0.05)',\n '--color-scroll-caret': 'rgba(150, 150, 150, 0.5)',\n '--color-tab-selected-border': '#0088fa',\n '--color-text': '#000000',\n '--color-text-invalid': '#ff0000',\n '--color-text-selected': '#ffffff',\n '--color-toggle-background-invalid': '#fc3a4b',\n '--color-toggle-background-on': '#0088fa',\n '--color-toggle-background-off': '#cfd1d5',\n '--color-toggle-text': '#ffffff',\n '--color-warning-background': '#fb3655',\n '--color-warning-background-hover': '#f82042',\n '--color-warning-text-color': '#ffffff',\n '--color-warning-text-color-inverted': '#fd4d69',\n\n // The styles below should be kept in sync with 'root.css'\n // They are repeated there because they're used by e.g. tooltips or context menus\n // which get rendered outside of the DOM subtree (where normal theme/styles are written).\n '--color-scroll-thumb': '#c2c2c2',\n '--color-scroll-track': '#fafafa',\n '--color-tooltip-background': 'rgba(0, 0, 0, 0.9)',\n '--color-tooltip-text': '#ffffff',\n },\n dark: {\n '--color-attribute-name': '#9d87d2',\n '--color-attribute-name-not-editable': '#ededed',\n '--color-attribute-name-inverted': '#282828',\n '--color-attribute-value': '#cedae0',\n '--color-attribute-value-inverted': '#ffffff',\n '--color-attribute-editable-value': 'yellow',\n '--color-background': '#282c34',\n '--color-background-hover': 'rgba(255, 255, 255, 0.1)',\n '--color-background-inactive': '#3d424a',\n '--color-background-invalid': '#5c0000',\n '--color-background-selected': '#178fb9',\n '--color-button-background': '#282c34',\n '--color-button-background-focus': '#3d424a',\n '--color-button': '#afb3b9',\n '--color-button-active': '#61dafb',\n '--color-button-disabled': '#4f5766',\n '--color-button-focus': '#a2e9fc',\n '--color-button-hover': '#ededed',\n '--color-border': '#3d424a',\n '--color-commit-did-not-render-fill': '#777d88',\n '--color-commit-did-not-render-fill-text': '#000000',\n '--color-commit-did-not-render-pattern': '#666c77',\n '--color-commit-did-not-render-pattern-text': '#ffffff',\n '--color-commit-gradient-0': '#37afa9',\n '--color-commit-gradient-1': '#63b19e',\n '--color-commit-gradient-2': '#80b393',\n '--color-commit-gradient-3': '#97b488',\n '--color-commit-gradient-4': '#abb67d',\n '--color-commit-gradient-5':
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#beb771',\n '--color-commit-gradient-6': '#cfb965',\n '--color-commit-gradient-7': '#dfba57',\n '--color-commit-gradient-8': '#efbb49',\n '--color-commit-gradient-9': '#febc38',\n '--color-commit-gradient-text': '#000000',\n '--color-component-name': '#61dafb',\n '--color-component-name-inverted': '#282828',\n '--color-component-badge-background': 'rgba(255, 255, 255, 0.25)',\n '--color-component-badge-background-inverted': 'rgba(0, 0, 0, 0.25)',\n '--color-component-badge-count': '#8f949d',\n '--color-component-badge-count-inverted': 'rgba(255, 255, 255, 0.7)',\n '--color-console-error-badger-text': '#000000',\n '--color-console-error-background': '#290000',\n '--color-console-error-border': '#5c0000',\n '--color-console-error-icon': '#eb3941',\n '--color-console-error-text': '#fc7f7f',\n '--color-console-warning-badger-text': '#000000',\n '--color-console-warning-background': '#332b00',\n '--color-console-warning-border': '#665500',\n '--color-console-warning-icon': '#f4bd00',\n '--color-console-warning-text': '#f5f2ed',\n '--color-context-background': 'rgba(255,255,255,.95)',\n '--color-context-background-hover': 'rgba(0, 136, 250, 0.1)',\n '--color-context-background-selected': '#0088fa',\n '--color-context-border': '#eeeeee',\n '--color-context-text': '#000000',\n '--color-context-text-selected': '#ffffff',\n '--color-dim': '#8f949d',\n '--color-dimmer': '#777d88',\n '--color-dimmest': '#4f5766',\n '--color-error-background': '#200',\n '--color-error-border': '#900',\n '--color-error-text': '#f55',\n '--color-expand-collapse-toggle': '#8f949d',\n '--color-link': '#61dafb',\n '--color-modal-background': 'rgba(0, 0, 0, 0.75)',\n '--color-bridge-version-npm-background': 'rgba(0, 0, 0, 0.25)',\n '--color-bridge-version-npm-text': '#ffffff',\n '--color-bridge-version-number': 'yellow',\n '--color-primitive-hook-badger-background': 'rgba(0, 0, 0, 0.25)',\n '--color-primitive-hook-badger-text': 'rgba(255, 255, 255, 0.7)',\n '--color-record-active': '#fc3a4b',\n '--color-record-hover': '#a2e9fc',\n '--color-record-inactive': '#61dafb',\n '--color-resize-bar': '#282c34',\n '--color-resize-bar-active': '#31363f',\n '--color-resize-bar-border': '#3d424a',\n '--color-resize-bar-dot': '#cfd1d5',\n '--color-timeline-internal-module': '#303542',\n '--color-timeline-internal-module-hover': '#363b4a',\n '--color-timeline-internal-module-text': '#7f8899',\n '--color-timeline-native-event': '#b2b2b2',\n '--color-timeline-native-event-hover': '#949494',\n '--color-timeline-network-primary': '#fc3dc',\n '--color-timeline-network-primary-hover': '#e3dbc5',\n '--color-timeline-network-secondary': '#efc457',\n '--color-timeline-network-secondary-hover': '#d6af4d',\n '--color-timeline-priority-background': '#1d2129',\n '--color-timeline-priority-border': '#282c34',\n '--color-timeline-user-timing': '#c9cacd',\n '--color-timeline-user-timing-hover': '#93959a',\n '--color-timeline-react-idle': '#3d485b',\n '--color-timeline-react-idle-hover': '#465269',\n '--color-timeline-react-render': '#2683E2',\n '--color-timeline-react-render-hover': '#1a76d4',\n '--color-timeline-react-render-text': '#11365e',\n '--color-timeline-react-commit': '#731fad',\n '--color-timeline-react-commit-hover': '#611b94',\n '--color-timeline-react-commit-text': '#e5c1ff',\n '--color-timeline-react-layout-effects': '#611b94',\n '--color-timeline-react-layout-effects-hover': '#51167a',\n '--color-timeline-react-layout-effects-text': '#e5c1ff',\n '--color-timeline-react-passive-effects': '#611b94',\n '--color-timeline-react-passive-effects-hover': '#51167a',\n '--color-timeline-react-passive-effects-text': '#e5c1ff',\n '--color-timeline-react-schedule': '#2683E2',\n '--color-timeline-react-schedule-hover': '#1a76d4',\n '--color-timeline-react-suspense-rejected': '#f1cc14',\n '--color-timeline-react-suspense-rejected-hover': '#e4c00f',\n '--color-timeline-react-suspense-resolved': '#a6e59f',\n '--color-timeline-react-suspense-resolved-hover': '#89d281',\n '--color-timeline-react-suspense-unresolved': '#c9cacd',\n '--color-timeline-react-suspense-unresolved-hover': '#93959a',\n '--color-timeline-thrown-error': '#fb3655',\n '--color-timeline-thrown-error-hover': '#f82042',\n '--color-timeline-text-color': '#282c34',\n '--color-timeline-text-dim-color': '#555b66',\n '--color-timeline-react-work-border': '#3d424a',\n '--color-search-match': 'yellow',\n '--color-search-match-current': '#f7923b',\n '--color-selected-tree-highlight-active': 'rgba(23, 143, 185, 0.15)',\n '--color-selected-tree-highlight-inactive': 'rgba(255, 255, 255, 0.05)',\n '--color-scroll-caret': '#4f5766',\n '--color-shadow': 'rgba(0, 0, 0, 0.5)',\n '--color-tab-selected-border': '#178fb9',\n '--color-text': '#ffffff',\n '--color-text-invalid': '#ff8080',\n '--color-text-selected': '#ffffff',\n '--color-toggle-background-invalid': '#fc3a4b',\n '--color-toggle-background-on': '#178fb9',\n '--color-toggle-background-off': '#777d88',\n '--color-toggle-text': '#ffffff',\n '--color-warning-background': '#ee1638',\n '--color-warning-background-hover': '#da1030',\n '--color-warning-text-color': '#ffffff',\n '--color-warning-text-color-inverted': '#ee1638',\n\n // The styles below should be kept in sync with 'root.css'\n // They are repeated there because they're used by e.g. tooltips or context menus\n // which get rendered outside of the DOM subtree (where normal theme/styles are written).\n '--color-scroll-thumb':

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'#afb3b9',\n '--color-scroll-track': '#313640',\n '--color-tooltip-background': 'rgba(255, 255, 255, 0.95)',\n '--
color-tooltip-text': '#000000',\n },\n compact: {\n '--font-size-monospace-small': '9px',\n '--font-size-
monospace-normal': '11px',\n '--font-size-monospace-large': '15px',\n '--font-size-sans-small': '10px',\n '--font-
size-sans-normal': '12px',\n '--font-size-sans-large': '14px',\n '--line-height-data': '18px',\n },\n comfortable: {\n
'--font-size-monospace-small': '10px',\n '--font-size-monospace-normal': '13px',\n '--font-size-monospace-large':
'17px',\n '--font-size-sans-small': '12px',\n '--font-size-sans-normal': '14px',\n '--font-size-sans-large': '16px',\n
'--line-height-data': '22px',\n },\n};\n\n// HACK\n\n// Sometimes the inline target is rendered before root styles are
applied,\n// which would result in e.g. NaN itemSize being passed to react-window list.\nconst
COMFORTABLE_LINE_HEIGHT = parseInt(\n  THEME_STYLES.comfortable['--line-height-data'],\n  10,\n);\nconst COMPACT_LINE_HEIGHT = parseInt(\n  THEME_STYLES.compact['--line-height-data'],\n  10,\n);\n\nexport {COMFORTABLE_LINE_HEIGHT, COMPACT_LINE_HEIGHT};\n\n"/**\n * Copyright (c)
Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n *
LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport LRU from 'lru-cache';\nimport
{\n  isElement,\n  typeOf,\n  ContextConsumer,\n  ContextProvider,\n  ForwardRef,\n  Fragment,\n  Lazy,\n  Memo,\n  Portal,\n  Profiler,\n  StrictMode,\n  Suspense,\n} from 'react-is';\nimport
{REACT_SUSPENSE_LIST_TYPE as SuspenseList} from 'shared/ReactSymbols';\nimport {\n  TREE_OPERATION_ADD,\n  TREE_OPERATION_REMOVE,\n  TREE_OPERATION_REMOVE_ROOT,\n  TREE_OPERATION_REORDER_CHILDREN,\n  TREE_OPERATION_SET_SUBTREE_MODE,\n  TREE_OPERATION_UPDATE_ERRORS_OR_WARNINGS,\n  TREE_OPERATION_UPDATE_TREE_BASE_DURATION,\n} from './constants';\nimport {ElementTypeRoot}
from 'react-devtools-shared/src/types';\nimport {\n  LOCAL_STORAGE_FILTER_PREFERENCES_KEY,\n  LOCAL_STORAGE_OPEN_IN_EDITOR_URL,\n  LOCAL_STORAGE_SHOULD_BREAK_ON_CONSOLE_ERRORS,\n  LOCAL_STORAGE_SHOULD_PATCH_CONSOLE_KEY,\n  LOCAL_STORAGE_SHOW_INLINE_WARNINGS_AND_ERRORS_KEY,\n  LOCAL_STORAGE_HIDE_CONSOLE_LOGS_IN_STRICT_MODE,\n} from './constants';\nimport
{ComponentFilterElementType, ElementTypeHostComponent} from './types';\nimport {\n  ElementTypeClass,\n  ElementTypeForwardRef,\n  ElementTypeFunction,\n  ElementTypeMemo,\n} from 'react-devtools-
shared/src/types';\nimport {localStorageGetItem, localStorageSetItem} from './storage';\nimport {meta} from
'./hydration';\nimport isArray from './isArray';\n\nimport type {ComponentFilter, ElementType} from
'./types';\nimport type {LRUCache} from 'react-devtools-shared/src/types';\n\nconst cachedDisplayNames:
WeakMap<Function, string> = new WeakMap();\n\n// On large trees, encoding takes significant time.\n// Try to
reuse the already encoded strings.\nconst encodedStringCache: LRUCache<string, Array<number>> = new
LRU({\n  max: 1000,\n});\n\nexport function alphaSortKeys(\n  a: string | number | Symbol,\n  b: string | number |
Symbol,\n): number {\n  if (a.toString() > b.toString()) {\n    return 1;\n  } else if (b.toString() > a.toString()) {\n
return -1;\n  } else {\n    return 0;\n  }\n}\n\nexport function getAllEnumerableKeys(\n  obj: Object,\n): Set<string |
number | Symbol> {\n  const keys = new Set();\n  let current = obj;\n  while (current !== null) {\n    const currentKeys
= [\n    ...Object.keys(current),\n    ...Object.getOwnPropertySymbols(current),\n  ];\n  const descriptors =
Object.getOwnPropertyDescriptors(current);\n  currentKeys.forEach(key => {\n    // $FlowFixMe: key can be a
Symbol https://developer.mozilla.org/en-
US/docs/Web/JavaScript/Reference/Global_Objects/Object/getOwnPropertyDescriptor\n    if
(descriptors[key].enumerable) {\n      keys.add(key);\n    }\n  });\n  current = Object.getPrototypeOf(current);\n}
\n  return keys;\n}\n\nexport function getDisplayName(\n  type: Function,\n  fallbackName: string =
'Anonymous',\n): string {\n  const nameFromCache = cachedDisplayNames.get(type);\n  if (nameFromCache !==
null) {\n    return nameFromCache;\n  }\n  let displayName = fallbackName;\n  // The displayName property is
not guaranteed to be a string.\n  // It's only safe to use for our purposes if it's a string.\n  //
github.com/facebook/react-devtools/issues/803\n  if (typeof type.displayName === 'string') {\n    displayName =
type.displayName;\n  } else if (typeof type.name === 'string' && type.name !== '') {\n    displayName =

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type.name;\n };\n\n cachedDisplayNames.set(type, displayName);\n return displayName;\n}\n\nlet uidCounter:
number = 0;\n\nexport function getUID(): number {\n return ++uidCounter;\n}\n\nexport function
utfDecodeString(array: Array<number>): string {\n // Avoid spreading the array (e.g.
String.fromCodePoint(...array))\n // Functions arguments are first placed on the stack before the function is called\n
// which throws a RangeError for large arrays.\n // See github.com/facebook/react/issues/22293\n let string = "";\n
for (let i = 0; i < array.length; i++) {\n const char = array[i];\n string += String.fromCodePoint(char);\n }\n
return string;\n}\n\nfunction surrogatePairToCodePoint(\n charCode1: number,\n charCode2: number,\n): number
{\n return ((charCode1 & 0x3ff) << 10) + (charCode2 & 0x3ff) + 0x10000;\n}\n\n// Credit for this encoding
approach goes to Tim Down:\n// https://stackoverflow.com/questions/4877326/how-can-i-tell-if-a-string-contains-
multibyte-characters-in-javascript\n\nexport function utfEncodeString(string: string): Array<number> {\n const
cached = encodedStringCache.get(string);\n if (cached !== undefined) {\n return cached;\n }\n\n const encoded
= [];\n let i = 0;\n let charCode;\n while (i < string.length) {\n charCode = string.charCodeAtAt(i);\n // Handle
multibyte unicode characters (like emoji).\n if ((charCode & 0xf800) === 0xd800) {\n
encoded.push(surrogatePairToCodePoint(charCode, string.charCodeAtAt(++i)));\n } else {\n
encoded.push(charCode);\n }\n ++i;\n }\n\n encodedStringCache.set(string, encoded);\n\n return
encoded;\n}\n\nexport function printOperationsArray(operations: Array<number>) {\n // The first two values are
always rendererID and rootID\n const rendererID = operations[0];\n const rootID = operations[1];\n\n const logs =
[\n operations for renderer: ${rendererID} and root: ${rootID} ];\n\n let i = 2;\n\n // Reassemble the string table.\n
const stringTable = [\n null, // ID = 0 corresponds to the null string.\n ];\n const stringTableSize =
operations[i++];\n const stringTableEnd = i + stringTableSize;\n while (i < stringTableEnd) {\n const nextLength
= operations[i++];\n const nextString = utfDecodeString(\n (operations.slice(i, i + nextLength): any),\n );\n
stringTable.push(nextString);\n i += nextLength;\n }\n\n while (i < operations.length) {\n const operation =
operations[i];\n\n switch (operation) {\n case TREE_OPERATION_ADD: {\n const id = ((operations[i +
1]: any): number);\n const type = ((operations[i + 2]: any): ElementType);\n\n i += 3;\n\n if (type ===
ElementTypeRoot) {\n logs.push(`Add new root node ${id}`);\n\n i++; // isStrictModeCompliant\n
i++; // supportsProfiling\n i++; // supportsStrictMode\n i++; // hasOwnerMetadata\n } else {\n
const parentID = ((operations[i]: any): number);\n i++;;\n\n i++; // ownerID\n\n const
displayNameStringID = operations[i];\n const displayName = stringTable[displayNameStringID];\n
i++;\n\n i++; // key\n\n logs.push(\n `Add node ${id} (${displayName || 'null'}) as child of
${parentID}`,\n );\n } break;\n } case TREE_OPERATION_REMOVE: {\n const
removeLength = ((operations[i + 1]: any): number);\n i += 2;\n\n for (let removeIndex = 0; removeIndex <
removeLength; removeIndex++) {\n const id = ((operations[i]: any): number);\n i += 1;\n\n
logs.push(`Remove node ${id}`);\n } break;\n } case TREE_OPERATION_REMOVE_ROOT:
{\n i += 1;\n\n logs.push(`Remove root ${rootID}`);\n break;\n } case
TREE_OPERATION_SET_SUBTREE_MODE: {\n const id = operations[i + 1];\n const mode =
operations[i + 1];\n\n i += 3;\n\n logs.push(`Mode ${mode} set for subtree with root ${id}`);\n break;\n
} case TREE_OPERATION_REORDER_CHILDREN: {\n const id = ((operations[i + 1]: any):
number);\n const numChildren = ((operations[i + 2]: any): number);\n i += 3;\n const children =
operations.slice(i, i + numChildren);\n i += numChildren;\n\n logs.push(`Re-order node ${id} children
${children.join(',')}`);\n break;\n } case
TREE_OPERATION_UPDATE_TREE_BASE_DURATION:\n // Base duration updates are only sent while
profiling is in progress.\n // We can ignore them at this point.\n // The profiler UI uses them lazily in order
to generate the tree.\n i += 3;\n break;\n case
TREE_OPERATION_UPDATE_ERRORS_OR_WARNINGS:\n const id = operations[i + 1];\n const
numErrors = operations[i + 2];\n const numWarnings = operations[i + 3];\n\n i += 4;\n\n logs.push(\n
`Node ${id} has ${numErrors} errors and ${numWarnings} warnings`,\n );\n break;\n default:\n
throw Error(`Unsupported Bridge operation "${operation}"`);\n } }\n\n console.log(logs.join("\n
"));}\n\nexport function getDefaultComponentFilters(): Array<ComponentFilter> {\n return [\n {\n type:

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ComponentFilterElementType,\n  value: ElementTypeHostComponent,\n  isEnabled: true,\n },\n ];\n }\n\nexport function getSavesComponentFilters(): Array<ComponentFilter> {\n try {\n const raw =\n localStorage.getItem(LOCAL_STORAGE_FILTER_PREFERENCES_KEY);\n if (raw != null) {\n return\n JSON.parse(raw);\n }\n } catch (error) {}\n return getDefaultComponentFilters();\n }\n\nexport function\n saveComponentFilters(\n componentFilters: Array<ComponentFilter>,\n ): void {\n localStorage.setItem(\n LOCAL_STORAGE_FILTER_PREFERENCES_KEY,\n JSON.stringify(componentFilters),\n );\n }\n\nexport\n function getAppendComponentStack(): boolean {\n try {\n const raw =\n localStorage.getItem(LOCAL_STORAGE_SHOULD_PATCH_CONSOLE_KEY);\n if (raw != null) {\n return\n JSON.parse(raw);\n }\n } catch (error) {}\n return true;\n }\n\nexport function\n setAppendComponentStack(value: boolean): void {\n localStorage.setItem(\n LOCAL_STORAGE_SHOULD_PATCH_CONSOLE_KEY,\n JSON.stringify(value),\n );\n }\n\nexport function\n getBreakOnConsoleErrors(): boolean {\n try {\n const raw = localStorage.getItem(\n LOCAL_STORAGE_SHOULD_BREAK_ON_CONSOLE_ERRORS,\n );\n if (raw != null) {\n return\n JSON.parse(raw);\n }\n } catch (error) {}\n return false;\n }\n\nexport function setBreakOnConsoleErrors(value:\n boolean): void {\n localStorage.setItem(\n LOCAL_STORAGE_SHOULD_BREAK_ON_CONSOLE_ERRORS,\n JSON.stringify(value),\n );\n }\n\nexport\n function getHideConsoleLogsInStrictMode(): boolean {\n try {\n const raw = localStorage.getItem(\n LOCAL_STORAGE_HIDE_CONSOLE_LOGS_IN_STRICT_MODE,\n );\n if (raw != null) {\n return\n JSON.parse(raw);\n }\n } catch (error) {}\n return false;\n }\n\nexport function\n sethideConsoleLogsInStrictMode(value: boolean): void {\n localStorage.setItem(\n LOCAL_STORAGE_HIDE_CONSOLE_LOGS_IN_STRICT_MODE,\n JSON.stringify(value),\n );\n }\n\nexport function\n getShowInlineWarningsAndErrors(): boolean {\n try {\n const raw =\n localStorage.getItem(\n LOCAL_STORAGE_SHOW_INLINE_WARNINGS_AND_ERRORS_KEY,\n );\n if (raw != null) {\n return\n JSON.parse(raw);\n }\n } catch (error) {}\n return true;\n }\n\nexport function\n setShowInlineWarningsAndErrors(value: boolean): void {\n localStorage.setItem(\n LOCAL_STORAGE_SHOW_INLINE_WARNINGS_AND_ERRORS_KEY,\n JSON.stringify(value),\n );\n }\n\nexport function\n getDefaultOpenInEditorURL(): string {\n return typeof process.env.EDITOR_URL ===\n 'string'\n ? process.env.EDITOR_URL\n : '';\n }\n\nexport function\n getOpenInEditorURL(): string {\n try {\n const raw = localStorage.getItem(LOCAL_STORAGE_OPEN_IN_EDITOR_URL);\n if (raw != null) {\n return\n JSON.parse(raw);\n }\n } catch (error) {}\n return\n getDefaultOpenInEditorURL();\n }\n\nexport function\n separateDisplayNameAndHOCs(\n displayName: string | null,\n type: ElementType,\n ): [string | null,\n Array<string> | null] {\n if (displayName === null) {\n return [null, null];\n }\n\n let hocDisplayNames =\n null;\n\n switch (type) {\n case ElementTypeClass:\n case ElementTypeForwardRef:\n case\n ElementTypeFunction:\n case ElementTypeMemo:\n if (displayName.indexOf('(') >= 0) {\n const matches\n = displayName.match(/^(^)+/g);\n if (matches != null) {\n displayName = matches.pop();\n hocDisplayNames = matches;\n }\n } break;\n default:\n break;\n }\n\n if (type ===\n ElementTypeMemo) {\n if (hocDisplayNames === null) {\n hocDisplayNames = ['Memo'];\n } else {\n hocDisplayNames.unshift('Memo');\n }\n } else if (type === ElementTypeForwardRef) {\n if\n (hocDisplayNames === null) {\n hocDisplayNames = ['ForwardRef'];\n } else {\n hocDisplayNames.unshift('ForwardRef');\n }\n }\n\n return [displayName, hocDisplayNames];\n }\n\n// Pulled\n from react-compat\n// https://github.com/developit/preact-\ncompat/blob/7c5de00e7c85e2ffd011bf3af02899b63f699d3a/src/index.js#L349\nexport function\n shallowDiffers(prev: Object, next: Object): boolean {\n for (const attribute in prev) {\n if (!(attribute in next)) {\n return true;\n }\n }\n\n for (const attribute in next) {\n if (prev[attribute] !== next[attribute]) {\n return\n true;\n }\n }\n\n return false;\n }\n\nexport function\n getInObject(object: Object, path: Array<string | number>): any\n {\n return path.reduce((reduced: Object, attr: any): any => {\n if (reduced) {\n if\n (hasOwnProperty.call(reduced, attr)) {\n return reduced[attr];\n }\n if (typeof reduced[Symbol.iterator]\n === 'function') {\n // Convert iterable to array and return array[index]\n //\n // TRICKY\n // Don't
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use [...spread] syntax for this purpose.\n    // This project uses @babel/plugin-transform-spread in "loose" mode
which only works with Array values.\n    // Other types (e.g. typed arrays, Sets) will not spread correctly.\nreturn Array.from(reduced)[attr];\n    }\n    }\n\n    return null;\n  }, object);\n}\n\n\nexport function
deletePathInObject(\n  object: Object,\n  path: Array<string | number>,\n) {\n  const length = path.length;\n  const
last = path[length - 1];\n  if (object !== null) {\n    const parent = getInObject(object, path.slice(0, length - 1));\n    if
(parent) {\n      if (isArray(parent)) {\n        parent.splice(((last: any): number), 1);\n      } else {\n        delete
parent[last];\n      }\n    }\n  }\n}\n\n\nexport function renamePathInObject(\n  object: Object,\n  oldPath: Array<string
| number>,\n  newPath: Array<string | number>,\n) {\n  const length = oldPath.length;\n  if (object !== null) {\n
const parent = getInObject(object, oldPath.slice(0, length - 1));\n  if (parent) {\n    const lastOld = oldPath[length -
1];\n    const lastNew = newPath[length - 1];\n    parent[lastNew] = parent[lastOld];\n    if (isArray(parent)) {\n
parent.splice(((lastOld: any): number), 1);\n  } else {\n    delete parent[lastOld];\n  }\n}\n}\n\n\nexport
function setInObject(\n  object: Object,\n  path: Array<string | number>,\n  value: any,\n) {\n  const length =
path.length;\n  const last = path[length - 1];\n  if (object !== null) {\n    const parent = getInObject(object,
path.slice(0, length - 1));\n    if (parent) {\n      parent[last] = value;\n    }\n  }\n}\n\n\nexport type DataType =\n |
'array'\n | 'array_buffer'\n | 'bigint'\n | 'boolean'\n | 'data_view'\n | 'date'\n | 'function'\n | 'html_all_collection'\n |
'html_element'\n | 'infinity'\n | 'iterator'\n | 'opaque_iterator'\n | 'nan'\n | 'null'\n | 'number'\n | 'object'\n |
'react_element'\n | 'regexp'\n | 'string'\n | 'symbol'\n | 'typed_array'\n | 'undefined'\n | 'unknown';\n\n\n/**\n * Get a
enhanced/artificial type string based on the object instance\n */\nexport function getDataType(data: Object):
DataType {\n  if (data === null) {\n    return 'null';\n  } else if (data === undefined) {\n    return 'undefined';\n  }\n}\n\n
if (isElement(data)) {\n  return 'react_element';\n }\n\n if (typeof HTMLElement !== 'undefined' && data
instanceof HTMLElement) {\n  return 'html_element';\n }\n\n const type = typeof data;\n switch (type) {\n  case
'bigint':\n    return 'bigint';\n  case 'boolean':\n    return 'boolean';\n  case 'function':\n    return 'function';\n
case 'number':\n    if (Number.isNaN(data)) {\n      return 'nan';\n    } else if (!Number.isFinite(data)) {\n
return 'infinity';\n    } else {\n      return 'number';\n    }\n  case 'object':\n    if (isArray(data)) {\n      return
'array';\n    } else if (ArrayBuffer.isView(data)) {\n      return hasOwnProperty.call(data.constructor,
'BYTES_PER_ELEMENT')\n      ? 'typed_array'\n      : 'data_view';\n    } else if (data.constructor &&
data.constructor.name === 'ArrayBuffer') {\n      // HACK This ArrayBuffer check is gross; is there a better way?\n
// We could try to create a new DataView with the value.\n      // If it doesn't error, we know it's an
ArrayBuffer,\n      // but this seems kind of awkward and expensive.\n      return 'array_buffer';\n    } else if
(typeof data[Symbol.iterator] === 'function') {\n      const iterator = data[Symbol.iterator]();\n      if (!iterator) {\n
// Proxies might break assumptions about iterators.\n      // See github.com/facebook/react/issues/21654\n
} else {\n      return iterator === data ? 'opaque_iterator' : 'iterator';\n    }\n  } else if (data.constructor &&
data.constructor.name === 'RegExp') {\n    return 'regexp';\n  } else {\n    const toStringValue =
Object.prototype.toString.call(data);\n    if (toStringValue === '[object Date]') {\n      return 'date';\n    } else
if (toStringValue === '[object HTMLAllCollection]') {\n      return 'html_all_collection';\n    }\n  }\n}\n\n
return 'object';\n case 'string':\n  return 'string';\n case 'symbol':\n  return 'symbol';\n case 'undefined':\n
if (\n  Object.prototype.toString.call(data) === '[object HTMLAllCollection]'\n ) {\n  return
'html_all_collection';\n }\n  return 'undefined';\n default:\n  return 'unknown';\n }\n}\n\n\nexport function
getDisplayNamForReactElement(\n  element: React$Element<any>,\n): string | null {\n  const elementType =
typeof(element);\n  switch (elementType) {\n  case ContextConsumer:\n    return 'ContextConsumer';\n  case
ContextProvider:\n    return 'ContextProvider';\n  case ForwardRef:\n    return 'ForwardRef';\n  case
Fragment:\n    return 'Fragment';\n  case Lazy:\n    return 'Lazy';\n  case Memo:\n    return 'Memo';\n  case
Portal:\n    return 'Portal';\n  case Profiler:\n    return 'Profiler';\n  case StrictMode:\n    return 'StrictMode';\n
case Suspense:\n    return 'Suspense';\n  case SuspenseList:\n    return 'SuspenseList';\n  default:\n    const
{type} = element;\n    if (typeof type === 'string') {\n      return type;\n    } else if (typeof type === 'function') {\n
return getDisplayName(type, 'Anonymous');\n    } else if (type !== null) {\n      return
'NotImplementedInDevtools';\n    } else {\n      return 'Element';\n    }\n  }\n}\n\n\nconst
MAX_PREVIEW_STRING_LENGTH = 50;\n\nfunction truncateForDisplay(\n  string: string,\n  length: number =

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MAX_PREVIEW_STRING_LENGTH,\n) {\n if (string.length > length) {\n  return string.substr(0, length) +
'...';\n } else {\n  return string;\n }\n}\n\n// Attempts to mimic Chrome's inline preview for values.\n// For
example, the following value...\n// {\n//   foo: 123,\n//   bar: \"abc\",\n//   baz: [true, false],\n//   qux: { ab: 1,
cd: 2 }\n// }; \n\n// Would show a preview of...\n// {foo: 123, bar: \"abc\", baz: Array(2), qux: {...}}\n\n// And
the following value...\n// [\n//   123,\n//   \"abc\",\n//   [true, false],\n//   { foo: 123, bar: \"abc\" }\n// ]; \n\n//
Would show a preview of...\n// [123, \"abc\", Array(2), {...}]\n\nexport function formatDataForPreview(\n data:
any,\n showFormattedValue: boolean,\n): string {\n if (data != null && hasOwnProperty.call(data, meta.type)) {\n
return showFormattedValue\n  ? data[meta.preview_long]\n  : data[meta.preview_short];\n }\n\n const type =
getDataType(data);\n\n switch (type) {\n case 'html_element':\n  return
`<${truncateForDisplay(data.tagName.toLowerCase())} />`;\n case 'function':\n  return truncateForDisplay(\n
  `f ${typeof data.name === 'function' ? '' : data.name}()\n  `);\n case 'string':\n  return `\"${data}\"`;\n
case 'bigint':\n  return truncateForDisplay(data.toString() + 'n');\n case 'regexp':\n  return
truncateForDisplay(data.toString());\n case 'symbol':\n  return truncateForDisplay(data.toString());\n case
'react_element':\n  return `<${truncateForDisplay(\n    getDisplayNameForReactElement(data) || 'Unknown',\n
  )} />`;\n case 'array_buffer':\n  return `ArrayBuffer(${data.byteLength})`;\n case 'data_view':\n  return
`DataView(${data.buffer.byteLength})`;\n case 'array':\n  if (showFormattedValue) {\n    let formatted = \";\n
for (let i = 0; i < data.length; i++) {\n      if (i > 0) {\n        formatted += ', ';\n      }\n      formatted +=
formatDataForPreview(data[i], false);\n      if (formatted.length > MAX_PREVIEW_STRING_LENGTH) {\n
        // Prevent doing a lot of unnecessary iteration...\n        break;\n      }\n    }\n    return
`[${truncateForDisplay(formatted)}]`;\n  } else {\n    const length = hasOwnProperty.call(data, meta.size)\n
? data[meta.size]\n    : data.length;\n    return `Array(${length})`;\n  }\n case 'typed_array':\n  const
shortName = `_${data.constructor.name}(${data.length})`;\n  if (showFormattedValue) {\n    let formatted = \";\n
for (let i = 0; i < data.length; i++) {\n      if (i > 0) {\n        formatted += ', ';\n      }\n      formatted +=
data[i];\n      if (formatted.length > MAX_PREVIEW_STRING_LENGTH) {\n        // Prevent doing a lot of
unnecessary iteration...\n        break;\n      }\n    }\n    return `_${shortName}
[${truncateForDisplay(formatted)}]`;\n  } else {\n    return shortName;\n  }\n case 'iterator':\n  const
name = data.constructor.name;\n  if (showFormattedValue) {\n    // TRICKY\n    // Don't use [...spread]
syntax for this purpose.\n    // This project uses @babel/plugin-transform-spread in \"loose\" mode which only
works with Array values.\n    // Other types (e.g. typed arrays, Sets) will not spread correctly.\n    const array =
Array.from(data);\n    let formatted = \";\n    for (let i = 0; i < array.length; i++) {\n      const entryOrEntries
= array[i];\n      if (i > 0) {\n        formatted += ', ';\n      }\n      // TRICKY\n      // Browsers display
Maps and Sets differently.\n      // To mimic their behavior, detect if we've been given an entries tuple.\n      //
Map(2) {\"abc\" => 123, \"def\" => 123}\n      // Set(2) {\"abc\", 123}\n      if (isArray(entryOrEntries)) {\n
const key = formatDataForPreview(entryOrEntries[0], true);\n      const value =
formatDataForPreview(entryOrEntries[1], false);\n      formatted += `_${key} => ${value}`;\n      } else {\n
formatted += formatDataForPreview(entryOrEntries, false);\n      }\n      if (formatted.length >
MAX_PREVIEW_STRING_LENGTH) {\n        // Prevent doing a lot of unnecessary iteration...\n        break;\n
      }\n    }\n    return `_${name}(${data.size})\n    `;\n  } else {\n    return `_${name}(${data.size})`;\n  }\n
case 'opaque_iterator':\n  return data[Symbol.toStringTag];\n }\n case 'date':\n  return data.toString();\n case
'object':\n  if (showFormattedValue) {\n    const keys =
Array.from(getAllEnumerableKeys(data)).sort(alphaSortKeys);\n    let formatted = \";\n    for (let i = 0; i <
keys.length; i++) {\n      const key = keys[i];\n      if (i > 0) {\n        formatted += ', ';\n      }\n
formatted += `_${key.toString()}: ${formatDataForPreview(\n        data[key],\n        false,\n      )}`;\n      if
(formatted.length > MAX_PREVIEW_STRING_LENGTH) {\n        // Prevent doing a lot of unnecessary
iteration...\n        break;\n      }\n    }\n    return `_${truncateForDisplay(formatted)}`;\n  } else {\n
return '{...}';\n  }\n case 'boolean':\n case 'number':\n case 'infinity':\n case 'nan':\n case 'null':\n case
'undefined':\n  return data;\n default:\n  try {\n    return truncateForDisplay(String(data));\n  } catch
(error) {\n    return 'unserializable';\n  }\n }\n}\n\n\"/>\n * Copyright (c) Facebook, Inc. and its affiliates.\n *

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* This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\n// This list should be kept updated to reflect additions to 'shared/ReactSymbols'.\n\n// DevTools can't import symbols from 'shared/ReactSymbols' directly for two reasons:\n\n// 1. DevTools requires symbols which may have been deleted in more recent versions (e.g. concurrent mode)\n\n// 2. DevTools must support both Symbol and numeric forms of each symbol;\n\n// Since e.g. standalone DevTools runs in a separate process, it can't rely on its own ES capabilities.\n\n\nexport const CONCURRENT_MODE_NUMBER = 0xeadf;\nexport const CONCURRENT_MODE_SYMBOL_STRING = 'Symbol(react.concurrent_mode)';\n\nexport const CONTEXT_NUMBER = 0xeace;\nexport const CONTEXT_SYMBOL_STRING = 'Symbol(react.context)';\n\nexport const DEPRECATED_ASYNC_MODE_SYMBOL_STRING = 'Symbol(react.async_mode)';\n\nexport const ELEMENT_NUMBER = 0xeac7;\nexport const ELEMENT_SYMBOL_STRING = 'Symbol(react.element)';\n\nexport const DEBUG_TRACING_MODE_NUMBER = 0xaea1;\nexport const DEBUG_TRACING_MODE_SYMBOL_STRING = 'Symbol(react.debug_trace_mode)';\n\nexport const FORWARD_REF_NUMBER = 0xeada;\nexport const FORWARD_REF_SYMBOL_STRING = 'Symbol(react.forward_ref)';\n\nexport const FRAGMENT_NUMBER = 0xeacb;\nexport const FRAGMENT_SYMBOL_STRING = 'Symbol(react.fragment)';\n\nexport const LAZY_NUMBER = 0xeada;\nexport const LAZY_SYMBOL_STRING = 'Symbol(react.lazy)';\n\nexport const MEMO_NUMBER = 0xeada;\nexport const MEMO_SYMBOL_STRING = 'Symbol(react.memo)';\n\nexport const PORTAL_NUMBER = 0xeaca;\nexport const PORTAL_SYMBOL_STRING = 'Symbol(react.portal)';\n\nexport const PROFILER_NUMBER = 0xeada;\nexport const PROFILER_SYMBOL_STRING = 'Symbol(react.profiler)';\n\nexport const PROVIDER_NUMBER = 0xeacd;\nexport const PROVIDER_SYMBOL_STRING = 'Symbol(react.provider)';\n\nexport const SCOPE_NUMBER = 0xeac7;\nexport const SCOPE_SYMBOL_STRING = 'Symbol(react.scope)';\n\nexport const STRICT_MODE_NUMBER = 0xeacc;\nexport const STRICT_MODE_SYMBOL_STRING = 'Symbol(react.strict_mode)';\n\nexport const SUSPENSE_NUMBER = 0xeada;\nexport const SUSPENSE_SYMBOL_STRING = 'Symbol(react.suspense)';\n\nexport const SUSPENSE_LIST_NUMBER = 0xeada;\nexport const SUSPENSE_LIST_SYMBOL_STRING = 'Symbol(react.suspense_list)';\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n */\n\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport {copy} from 'clipboard-js';\nimport {dehydrate} from '../hydration';\nimport isArray from 'shared/isArray';\nimport type {DehydratedData} from 'react-devtools-shared/src/devtools/views/Components/types';\n\nexport function cleanForBridge(\n data: Object | null,\n isPathAllowed: (path: Array<string | number>) => boolean,\n path?: Array<string | number> = [],\n): DehydratedData | null {\n if (data !== null) {\n const cleanedPaths = [];\n const unserializablePaths = [];\n const cleanedData = dehydrate(\n data,\n cleanedPaths,\n unserializablePaths,\n path,\n isPathAllowed,\n);\n\n return {\n data: cleanedData,\n cleaned: cleanedPaths,\n unserializable: unserializablePaths,\n }; \n } else {\n return null;\n }\n}\n\nexport function copyToClipboard(value: any): void {\n const safeToCopy = serializeToString(value);\n const text = safeToCopy === undefined ? 'undefined' : safeToCopy;\n const {clipboardCopyText} = window.__REACT_DEVTOOLS_GLOBAL_HOOK__;\n\n // On Firefox navigator.clipboard.writeText has to be called from\n // the content script js code (because it requires the clipboardWrite\n // permission to be allowed out of a "user handling" callback),\n // clipboardCopyText is an helper injected into the page from.\n //\n injectGlobalHook.\n if (typeof clipboardCopyText === 'function') {\n clipboardCopyText(text).catch(err => {});\n } else {\n copy(text);\n }\n}\n\nexport function copyWithDelete(\n obj: Object | Array<any>,\n path: Array<string | number>,\n index: number = 0,\n): Object | Array<any> {\n const key = path[index];\n const updated = isArray(obj) ? obj.slice() : {...obj};\n if (index + 1 === path.length) {\n if (isArray(updated)) {\n updated.splice(((key: any): number), 1);\n } else {\n delete updated[key];\n }\n } else {\n // \$FlowFixMe number or string is fine here\n updated[key] = copyWithDelete(obj[key], path, index + 1);\n }\n return updated;\n}\n\n// This function expects paths to be the same except for the final value.\n// e.g. ['path', 'to', 'foo'] and

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['path', 'to', 'bar']\nexport function copyWithRename(\n  obj: Object | Array<any>,\n  oldPath: Array<string | number>,\n  newPath: Array<string | number>,\n  index: number = 0,\n): Object | Array<any> {\n  const oldKey = oldPath[index];\n  const updated = isArray(obj) ? obj.slice() : {...obj};\n  if (index + 1 === oldPath.length) {\n    const newKey = newPath[index];\n    // $FlowFixMe number or string is fine here\n    updated[newKey] = updated[oldKey];\n    if (isArray(updated)) {\n      updated.splice(((oldKey: any): number), 1);\n    } else {\n      delete updated[oldKey];\n    }\n  } else {\n    // $FlowFixMe number or string is fine here\n    updated[oldKey] = copyWithRename(obj[oldKey], oldPath, newPath, index + 1);\n  }\n  return updated;\n}\n\nexport function copyWithSet(\n  obj: Object | Array<any>,\n  path: Array<string | number>,\n  value: any,\n  index: number = 0,\n): Object | Array<any> {\n  if (index >= path.length) {\n    return value;\n  }\n  const key = path[index];\n  const updated = isArray(obj) ? obj.slice() : {...obj};\n  // $FlowFixMe number or string is fine here\n  updated[key] = copyWithSet(obj[key], path, value, index + 1);\n  return updated;\n}\n\nexport function getEffectDurations(root: Object) {\n  // Profiling durations are only available for certain builds.\n  // If available, they'll be stored on the HostRoot.\n  let effectDuration = null;\n  let passiveEffectDuration = null;\n  const hostRoot = root.current;\n  if (hostRoot != null) {\n    const stateNode = hostRoot.stateNode;\n    if (stateNode != null) {\n      effectDuration =\n        stateNode.effectDuration != null ? stateNode.effectDuration : null;\n      passiveEffectDuration =\n        stateNode.passiveEffectDuration != null\n          ? stateNode.passiveEffectDuration\n          : null;\n    }\n  }\n  return {effectDuration, passiveEffectDuration};\n}\n\nexport function serializeToString(data: any): string {\n  const cache = new Set();\n  // Use a custom replacer function to protect against circular references.\n  return JSON.stringify(data, (key, value) => {\n    if (typeof value === 'object' && value !== null) {\n      if (cache.has(value)) {\n        return;\n      }\n      cache.add(value);\n    }\n    // $FlowFixMe\n    if (typeof value === 'bigint') {\n      return value.toString() + 'n';\n    }\n    return value;\n  });\n}\n\n// based on https://github.com/tmpfs/format-util/blob/0e62d430efb0a1c51448709abd3e2406c14d8401/format.js#L1\n// based on https://developer.mozilla.org/en-US/docs/Web/API/console#Using_string_substitutions\n// Implements s, d, i and f placeholders\n// NOTE: KEEP IN SYNC with src/hook.js\nexport function format(\n  maybeMessage: any,\n  ...inputArgs: $ReadOnlyArray<any>)\n): string {\n  const args = inputArgs.slice();\n  let formatted: string = String(maybeMessage);\n  // If the first argument is a string, check for substitutions.\n  if (typeof maybeMessage === 'string') {\n    if (args.length) {\n      const REGEXP = /(\\%?)(\\{\\[jds]\\})/g;\n      formatted = formatted.replace(REGEXP, (match, escaped, ptn, flag) => {\n        let arg = args.shift();\n        switch (flag) {\n          case 's':\n            arg += ";\n            break;\n          case 'd':\n            case 'i':\n              arg = parseInt(arg, 10).toString();\n              break;\n          case 'f':\n            arg = parseFloat(arg).toString();\n            break;\n        }\n        if (!escaped) {\n          return arg;\n        }\n        args.unshift(arg);\n        return match;\n      });\n    }\n  }\n  // Arguments that remain after formatting.\n  if (args.length) {\n    for (let i = 0; i < args.length; i++) {\n      formatted += ' ' + String(args[i]);\n    }\n  }\n  // Update escaped %% values.\n  formatted = formatted.replace(/% {2,2}/g, '%');\n  return String(formatted);\n}\n\nexport function isSynchronousXHRSupported(): boolean {\n  return !!(\n    window.document &&\n    window.document.featurePolicy &&\n    window.document.featurePolicy.allowsFeature('sync-xhr')\n  );\n}\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n */\n * @flow\n */\nexport function localStorageGetItem(key: string): any {\n  try {\n    return localStorage.getItem(key);\n  } catch (error) {\n    return null;\n  }\n}\n\nexport function localStorageRemoveItem(key: string): void {\n  try {\n    localStorage.removeItem(key);\n  } catch (error) {\n  }\n}\n\nexport function localStorageSetItem(key: string, value: any): void {\n  try {\n    return localStorage.setItem(key, value);\n  } catch (error) {\n  }\n}\n\nexport function sessionStorageGetItem(key: string): any {\n  try {\n    return sessionStorage.getItem(key);\n  } catch (error) {\n    return null;\n  }\n}\n\nexport function sessionStorageRemoveItem(key: string): void {\n  try {\n    sessionStorage.removeItem(key);\n  } catch (error) {\n  }\n}\n\nexport function sessionStorageSetItem(key: string, value: any): void {\n  try {\n    return sessionStorage.setItem(key, value);\n  } catch (error) {\n  }\n}\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n */\n * @flow\n */\nconst isArray = Array.isArray;\nexport default

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isArray;
"use strict";
if (process.env.NODE_ENV === 'production') {
  module.exports = require('./cjs/react-is.production.min.js');
} else {
  module.exports = require('./cjs/react-is.development.js');
}
}

/**
 * Assign (c) Sindre Sorhus
 * @license MIT
 */
'use strict';
/* eslint-disable no-unused-vars */
var
  getOwnPropertySymbols = Object.getPrototypeOfSymbols;
var hasOwnProperty =
  Object.prototype.hasOwnProperty;
var propIsEnumerable = Object.prototype.propertyIsEnumerable;

function toObject(val) {
  if (val === null || val === undefined) {
    throw new TypeError('Object.assign cannot be called with null or undefined');
  }
  return Object(val);
}

function shouldUseNative() {
  try {
    if (!Object.assign) {
      return false;
    }
    // Detect buggy property enumeration order in older V8 versions.
    // https://bugs.chromium.org/p/v8/issues/detail?id=4118
    var test1 = new String('abc'); // eslint-disable-line no-new-wrappers
    test1[5] = 'de';
    if (Object.getPrototypeOfNames(test1)[0] === '5') {
      return false;
    }
    // https://bugs.chromium.org/p/v8/issues/detail?id=3056
    var test2 = {};
    for (var i = 0; i < 10; i++) {
      test2['_' + String.fromCharCode(i)] = i;
    }
    var order2 = Object.getPrototypeOfNames(test2).map(function (n) {
      return test2[n];
    });
    if (order2.join('') !== '0123456789') {
      return false;
    }
    // https://bugs.chromium.org/p/v8/issues/detail?id=3056
    var test3 = {};
    'abcdefghijklmnopqrst'.split('').forEach(function (letter) {
      test3[letter] = letter;
    });
    if (Object.keys(Object.assign({}, test3)).join('') !==
      'abcdefghijklmnopqrst') {
      return false;
    }
  } catch (err) {
    // We don't expect any of the above to throw, but better to be safe.
    return false;
  }
}

module.exports = shouldUseNative() ? Object.assign : function (target, source) {
  var from;
  var to = toObject(target);
  var symbols;
  for (var s = 1; s < arguments.length; s++) {
    from = Object(arguments[s]);
    for (var key in from) {
      if (hasOwnProperty.call(from, key)) {
        to[key] = from[key];
      }
    }
    if (getOwnPropertySymbols) {
      symbols = getOwnPropertySymbols(from);
      for (var i = 0; i < symbols.length; i++) {
        if (propIsEnumerable.call(from, symbols[i])) {
          to[symbols[i]] = from[symbols[i]];
        }
      }
    }
  }
  return to;
};

/**
 * Copyright (c) Facebook, Inc. and its affiliates.
 *
 * This source code is licensed under the MIT license found in the
 * LICENSE file in the root directory of this source tree.
 */
@flow
declare function isArray(a: mixed): boolean
%checks(Array.isArray(a));
const isArrayImpl = Array.isArray;
/* eslint-disable-next-line no-redeclare */
function isArray(a: mixed): boolean {
  return isArrayImpl(a);
}
export default isArray;

/**
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 * This source code is licensed under the MIT license found in
 * the LICENSE file in the root directory of this source tree.
 */
@flow
import type {Fiber} from 'react-reconciler/src/ReactInternalTypes';
import type {CurrentDispatcherRef, ReactRenderer, WorkTagMap} from './types';
import type {BrowserTheme} from 'react-devtools-shared/src/devtools/views/DevTools';
import {format} from './utils';
import {getInternalReactConstants} from './renderer';
import {getStackByFiberInDevAndProd} from './DevToolsFiberComponentStack';
import {consoleManagedByDevToolsDuringStrictMode} from 'react-devtools-feature-flags';
const
  OVERRIDE_CONSOLE_METHODS = ['error', 'trace', 'warn'];
const DIMMED_NODE_CONSOLE_COLOR =
  '\x1b[2m%s\x1b[0m';
// React's custom built component stack strings match "\s{4}in"
// Chrome's prefix matches "\s{4}at"
const PREFIX_REGEX = /\s{4}(in|at)\s{1}/;
// Firefox and Safari have no prefix ("")
// but we can fallback to looking for location info (e.g. "foo.js:12:345")
const
  ROW_COLUMN_NUMBER_REGEX = /\d+:\d+(\(\n|$)/;
export function isStringComponentStack(text: string): boolean {
  return PREFIX_REGEX.test(text) ||
  ROW_COLUMN_NUMBER_REGEX.test(text);
}
const STYLE_DIRECTIVE_REGEX = /^%c/;
// This function tells whether or not the arguments for a console
// method has been overridden by the patchForStrictMode
function isStrictModeOverride(args: Array<string>, method: string): boolean {
  return (
    args.length === 2 &&
    STYLE_DIRECTIVE_REGEX.test(args[0]) &&
    args[1] === `color:
${getConsoleColor(method)} `
  );
}
function getConsoleColor(method: string): ?string {
  switch (method) {
    case 'warn':
      return consoleSettingsRef.browserTheme === 'light'
    ?

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process.env.LIGHT_MODE_DIMMED_WARNING_COLOR\n    :
process.env.DARK_MODE_DIMMED_WARNING_COLOR;\n    case 'error':\n    return
consoleSettingsRef.browserTheme === 'light'\n    ? process.env.LIGHT_MODE_DIMMED_ERROR_COLOR\n
    : process.env.DARK_MODE_DIMMED_ERROR_COLOR;\n    case 'log':\n    default:\n    return
consoleSettingsRef.browserTheme === 'light'\n    ? process.env.LIGHT_MODE_DIMMED_LOG_COLOR\n
: process.env.DARK_MODE_DIMMED_LOG_COLOR;\n    }\n}\n\ntype OnErrorOrWarning = (\n    fiber: Fiber,\n    type: 'error' | 'warn',\n    args: Array<any>,\n) => void;\n\nconst injectedRenderers: Map<\n    ReactRenderer,\n    {\n        currentDispatcherRef: CurrentDispatcherRef,\n        getCurrentFiber: () => Fiber | null,\n        onErrorOrWarning:
?OnErrorOrWarning,\n        workTagMap: WorkTagMap,\n    }> = new Map();\n\nlet targetConsole: Object =
console;\nlet targetConsoleMethods = {};\nfor (const method in console) {\n    targetConsoleMethods[method] =
console[method];\n}\n\nlet unpatchFn: null | (() => void) = null;\nlet isNode = false;\ntry {\n    isNode = this ===
global;\n} catch (error) {\n}\n\n// Enables e.g. Jest tests to inject a mock console object.\n\nexport function
dangerous_setTargetConsoleForTesting(\n    targetConsoleForTesting: Object,\n): void {\n    targetConsole =
targetConsoleForTesting;\n\n    targetConsoleMethods = {};\n    for (const method in targetConsole) {\n
targetConsoleMethods[method] = console[method];\n    }\n}\n\n// v16 renderers should use this method to inject
internals necessary to generate a component stack.\n// These internals will be used if the console is patched.\n//
Injecting them separately allows the console to easily be patched or un-patched later (at runtime).\n\nexport function
registerRenderer(\n    renderer: ReactRenderer,\n    onErrorOrWarning?: OnErrorOrWarning,\n): void {\n    const {\n
currentDispatcherRef,\n        getCurrentFiber,\n        findFiberByHostInstance,\n        version,\n    } = renderer;\n\n    // Ignore
React v15 and older because they don't expose a component stack anyway.\n    if (typeof findFiberByHostInstance
!== 'function') {\n        return;\n    }\n\n    // currentDispatcherRef gets injected for v16.8+ to support hooks inspection.\n
// getCurrentFiber gets injected for v16.9+.\n    if (currentDispatcherRef !== null && typeof getCurrentFiber ===
'function') {\n        const {ReactTypeOfWork} = getInternalReactConstants(version);\n\n        injectedRenderers.set(renderer, {\n
currentDispatcherRef,\n            getCurrentFiber,\n            workTagMap:
ReactTypeOfWork,\n            onErrorOrWarning,\n        });\n    }\n\n    const consoleSettingsRef = {\n
appendComponentStack: false,\n        breakOnConsoleErrors: false,\n        showInlineWarningsAndErrors: false,\n
hideConsoleLogsInStrictMode: false,\n        browserTheme: 'dark',\n    };\n\n    // Patches console methods to append
component stack for the current fiber.\n    // Call unpatch() to remove the injected behavior.\n\n    export function patch({\n
appendComponentStack,\n        breakOnConsoleErrors,\n        showInlineWarningsAndErrors,\n
hideConsoleLogsInStrictMode,\n        browserTheme,\n    }: {\n        appendComponentStack: boolean,\n
breakOnConsoleErrors: boolean,\n        showInlineWarningsAndErrors: boolean,\n        hideConsoleLogsInStrictMode:
boolean,\n        browserTheme: BrowserTheme,\n    }): void {\n        // Settings may change after we've patched the console.\n
// Using a shared ref allows the patch function to read the latest values.\n\n        consoleSettingsRef.appendComponentStack =
appendComponentStack;\n        consoleSettingsRef.breakOnConsoleErrors = breakOnConsoleErrors;\n
consoleSettingsRef.showInlineWarningsAndErrors = showInlineWarningsAndErrors;\n
consoleSettingsRef.hideConsoleLogsInStrictMode = hideConsoleLogsInStrictMode;\n
consoleSettingsRef.browserTheme = browserTheme;\n\n        if (\n            appendComponentStack ||\n            breakOnConsoleErrors ||\n            showInlineWarningsAndErrors\n        ) {\n            if (unpatchFn !== null) {\n                // Don't patch
twice.\n                return;\n            }\n\n            const originalConsoleMethods = {};\n\n            unpatchFn = () => {\n                for (const method
in originalConsoleMethods) {\n                    try {\n                        // $FlowFixMe property error|warn is not writable.\n
targetConsole[method] = originalConsoleMethods[method];\n                    } catch (error) {\n                    }\n                }\n            }\n\n            OVERRIDE_CONSOLE_METHODS.forEach(method => {\n                try {\n                    const originalMethod =
(originalConsoleMethods[method] = targetConsole[\n                        method\n
                    ])._REACT_DEVTOOLS_ORIGINAL_METHOD__\n                    ?\n                    targetConsole[method].__REACT_DEVTOOLS_ORIGINAL_METHOD__\n                        : targetConsole[method]);\n\n                    const overrideMethod = (...args) => {\n                        let shouldAppendWarningStack = false;\n                        if (method !== 'log')\n                            {\n                                if (consoleSettingsRef.appendComponentStack) {\n                                    const lastArg = args.length > 0 ?

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args[args.length - 1] : null;\n      const alreadyHasComponentStack =\n      typeof lastArg === 'string' &&\n      isStringComponentStack(lastArg);\n      // If we are ever called with a string that already has a component\n      stack,\n      // e.g. a React error/warning, don't append a second stack.\n      shouldAppendWarningStack =\n      !alreadyHasComponentStack;\n    }\n  }\n  const shouldShowInlineWarningsAndErrors =\n  consoleSettingsRef.showInlineWarningsAndErrors &&\n  (method === 'error' || method === 'warn');\n  // Search for the first renderer that has a current Fiber.\n  // We don't handle the edge case of stacks for more\n  than one (e.g. interleaved renderers?)\n  // eslint-disable-next-line no-for-of-loops/no-for-of-loops\n  for\n  (const {\n    currentDispatcherRef,\n    getCurrentFiber,\n    onErrorOrWarning,\n    workTagMap,\n  } of injectedRenderers.values()) {\n    const current: ?Fiber = getCurrentFiber();\n    if (current !== null) {\n      try {\n        if (shouldShowInlineWarningsAndErrors) {\n          // patch() is\n          called by two places: (1) the hook and (2) the renderer backend.\n          // The backend is what implements a\n          message queue, so it's the only one that injects onErrorOrWarning.\n          if (typeof onErrorOrWarning ===\n          'function') {\n            onErrorOrWarning(\n              current,\n              ((method: any): 'error' |\n              'warn'),\n              // Copy args before we mutate them (e.g. adding the component stack)\n              args.slice(),\n            );\n          }\n        }\n        if (shouldAppendWarningStack) {\n          const componentStack = getStackByFiberInDevAndProd(\n            workTagMap,\n            current,\n            currentDispatcherRef,\n          );\n          if (componentStack !== '') {\n            if\n            (isStrictModeOverride(args, method)) {\n              args[0] = format(args[0], componentStack);\n            }\n            else {\n              args.push(componentStack);\n            }\n          }\n        }\n      } catch\n      (error) {\n        // Don't let a DevTools or React internal error interfere with logging.\n        setTimeout(()\n        => {\n          throw error;\n        }, 0);\n      } finally {\n        break;\n      }\n    }\n  }\n  if (consoleSettingsRef.breakOnConsoleErrors) {\n    // --- Welcome to debugging with React\n    DevTools ---\n    // This debugger statement means that you've enabled the \"break on warnings\" feature.\n    // Use the browser's Call Stack panel to step out of this override function-\n    // to where the original warning\n    or error was logged.\n    // eslint-disable-next-line no-debugger\n    debugger;\n  }\n  originalMethod(...args);\n  }; \n  overrideMethod.__REACT_DEVTOOLS_ORIGINAL_METHOD__ =\n  originalMethod;\n  originalMethod.__REACT_DEVTOOLS_OVERRIDE_METHOD__ = overrideMethod;\n  // $FlowFixMe property error|warn is not writable.\n  targetConsole[method] = overrideMethod;\n} catch\n(error) {} }\n}; \n} else {\n  unpatch();\n}\n}\n\n// Removed component stack patch from console\nmethods.\n\nexport function unpatch(): void {\n  if (unpatchFn !== null) {\n    unpatchFn();\n    unpatchFn = null;\n  }\n}\n\nlet unpatchForStrictModeFn: null | (() => void) = null;\n\n// NOTE: KEEP IN SYNC with\nsrc/hook.js:patchConsoleForInitialRenderInStrictMode\n\nexport function patchForStrictMode() {\n  if\n  (consoleManagedByDevToolsDuringStrictMode) {\n    const overrideConsoleMethods = ['error', 'trace', 'warn',\n    'log'];\n\n    if (unpatchForStrictModeFn !== null) {\n      // Don't patch twice.\n      return;\n    }\n\n    const\n    originalConsoleMethods = {};\n\n    unpatchForStrictModeFn = () => {\n      for (const method in\n      originalConsoleMethods) {\n        try {\n          // $FlowFixMe property error|warn is not writable.\n          targetConsole[method] = originalConsoleMethods[method];\n        } catch (error) {} }\n      }\n\n      overrideConsoleMethods.forEach(method => {\n        try {\n          const originalMethod =\n          (originalConsoleMethods[method] = targetConsole[\n            method\n            ]).\n            __REACT_DEVTOOLS_STRICT_MODE_ORIGINAL_METHOD__\n            ?\n            targetConsole[method].__REACT_DEVTOOLS_STRICT_MODE_ORIGINAL_METHOD__\n            :\n            targetConsole[method]);\n\n          const overrideMethod = (...args) => {\n            if\n            (!consoleSettingsRef.hideConsoleLogsInStrictMode) {\n              // Dim the text color of the double logs if we're\n              not\n              // hiding them.\n              if (isNode) {\n                originalMethod(DIMMED_NODE_CONSOLE_COLOR, format(...args));\n              } else {\n                const color =\n                getConsoleColor(method);\n                if (color) {\n                  originalMethod(`%c${format(...args)}`, `color:\n                  ${color}`);\n                } else {\n                  throw Error('Console color is not defined');\n                }\n              }\n            }\n\n            overrideMethod.__REACT_DEVTOOLS_STRICT_MODE_ORIGINAL_METHOD__ =

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originalMethod;\n    originalMethod.__REACT_DEVTOOLS_STRICT_MODE_OVERRIDE_METHOD__ =
overrideMethod;\n\n    // $FlowFixMe property error|warn is not writable.\n    targetConsole[method] =
overrideMethod;\n  } catch (error) {\n    }\n  });\n}\n}\n\n// NOTE: KEEP IN SYNC with
src/hook.js:unpatchConsoleForInitialRenderInStrictMode\nexport function unpatchForStrictMode(): void {\n  if
(consoleManagedByDevToolsDuringStrictMode) {\n    if (unpatchForStrictModeFn !== null) {\n
unpatchForStrictModeFn();\n    unpatchForStrictModeFn = null;\n  }\n}\n}\n\n", "exports = module.exports =
SemVer\n\nvar debug\n/* istanbul ignore next */\nif (typeof process === 'object' &&\n  process.env &&\n
process.env.NODE_DEBUG &&\n  /\bsemver\b/i.test(process.env.NODE_DEBUG)) {\n  debug = function () {\n
    var args = Array.prototype.slice.call(arguments, 0)\n    args.unshift('SEMVER')\n    console.log.apply(console,
args)\n  }\n} else {\n  debug = function () {\n}\n}\n\n// Note: this is the semver.org version of the spec that it
implements\n// Not necessarily the package version of this code.\nexports.SEMVER_SPEC_VERSION =
'2.0.0'\n\nvar MAX_LENGTH = 256\nvar MAX_SAFE_INTEGER = Number.MAX_SAFE_INTEGER ||\n /*
istanbul ignore next */ 9007199254740991\n\n// Max safe segment length for coercion.\nvar
MAX_SAFE_COMPONENT_LENGTH = 16\n\n// The actual regexps go on exports.re\nvar re = exports.re =
[]\nvar src = exports.src = []\nvar t = exports.tokens = {\n}\nvar R = 0\n\nfunction tok (n) {\n  t[n] = R++\n}\n\n// The
following Regular Expressions can be used for tokenizing,\n// validating, and parsing SemVer version strings.\n\n//
## Numeric Identifier\n// A single `0`, or a non-zero digit followed by zero or more
digits.\n\ntok('NUMERICIDENTIFIER')\nsrc[t.NUMERICIDENTIFIER] = '0|[1-
9]'\n\ntok('NUMERICIDENTIFIERLOOSE')\nsrc[t.NUMERICIDENTIFIERLOOSE] = '[0-9]+'\n\n// ## Non-
numeric Identifier\n// Zero or more digits, followed by a letter or hyphen, and then zero or\n// more letters, digits, or
hyphens.\n\ntok('NONNUMERICIDENTIFIER')\nsrc[t.NONNUMERICIDENTIFIER] = '\\d*[a-zA-Z-][a-zA-Z0-
9-]*'\n\n// ## Main Version\n// Three dot-separated numeric
identifiers.\n\ntok('MAINVERSION')\nsrc[t.MAINVERSION] = '(' + src[t.NUMERICIDENTIFIER] + ')\\|\\|\\|.' +\n
  '(' + src[t.NUMERICIDENTIFIER] + ')\\|\\|\\|.' +\n
  '(' + src[t.NUMERICIDENTIFIER] +
')'\n\ntok('MAINVERSIONLOOSE')\nsrc[t.MAINVERSIONLOOSE] = '(' + src[t.NUMERICIDENTIFIERLOOSE]
+ ')\\|\\|\\|.' +\n
  '(' + src[t.NUMERICIDENTIFIERLOOSE] + ')\\|\\|\\|.' +\n
  '(' +
src[t.NUMERICIDENTIFIERLOOSE] + ')'\n\n// ## Pre-release Version Identifier\n// A numeric identifier, or a non-
numeric identifier.\n\ntok('PRERELEASEIDENTIFIER')\nsrc[t.PRERELEASEIDENTIFIER] = '(?:' +
src[t.NUMERICIDENTIFIER] +\n
  '|' + src[t.NONNUMERICIDENTIFIER] +
)'\n\ntok('PRERELEASEIDENTIFIERLOOSE')\nsrc[t.PRERELEASEIDENTIFIERLOOSE] = '(?:' +
src[t.NUMERICIDENTIFIERLOOSE] +\n
  '|' + src[t.NONNUMERICIDENTIFIER] +
)'\n\n// ## Pre-release Version\n// Hyphen, followed by one or more dot-separated pre-release version\n//
identifiers.\n\ntok('PRERELEASE')\nsrc[t.PRERELEASE] = '(?:-(' + src[t.PRERELEASEIDENTIFIER] +\n
  '(?:\\|\\|.' + src[t.PRERELEASEIDENTIFIER] +
)*)'\n)\n\ntok('PRERELEASELOOSE')\nsrc[t.PRERELEASELOOSE] = '(?:-?(' +
src[t.PRERELEASEIDENTIFIERLOOSE] +\n
  '(?:\\|\\|.' + src[t.PRERELEASEIDENTIFIERLOOSE] +
)*)'\n)\n\n// ## Build Metadata Identifier\n// Any combination of digits, letters, or
hyphens.\n\ntok('BUILIDENTIFIER')\nsrc[t.BUILIDENTIFIER] = '[0-9A-Za-z-]+'\n\n// ## Build Metadata\n//
Plus sign, followed by one or more period-separated build metadata\n// identifiers.\n\ntok('BUILD')\nsrc[t.BUILD]
= '(?:\\|\\|.' + src[t.BUILIDENTIFIER] +\n
  '(?:\\|\\|.' + src[t.BUILIDENTIFIER] +
)*)'\n\n// ## Full
Version String\n// A main version, followed optionally by a pre-release version and\n// build metadata.\n\n// Note
that the only major, minor, patch, and pre-release sections of\n// the version string are capturing groups. The build
metadata is not a\n// capturing group, because it should not ever be used in version\n//
comparison.\n\ntok('FULL')\n\ntok('FULLPLAIN')\nsrc[t.FULLPLAIN] = 'v?' + src[t.MAINVERSION] +\n
src[t.PRERELEASE] + '?' +\n
  src[t.BUILD] + '?'\n\nsrc[t.FULL] = '^' + src[t.FULLPLAIN] + '$'\n\n// like
full, but allows v1.2.3 and =1.2.3, which people do sometimes.\n// also, 1.0.0alpha1 (prerelease without the hyphen)
which is pretty\n// common in the npm registry.\n\ntok('LOOSEPLAIN')\nsrc[t.LOOSEPLAIN] = '[v=\\|\\|s]*' +
src[t.MAINVERSIONLOOSE] +\n
  src[t.PRERELEASELOOSE] + '?' +\n
  src[t.BUILD] +

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'?\n\ntok('LOOSE')\nsrc[t.LOOSE] = '^ + src[t.LOOSEPLAIN] + '\$\n\ntok('GTLT')\nsrc[t.GTLT] = '(?:<>)?=?'\n\n// Something like \"2.*\" or \"1.2.x\".\n\n// Note that \"x.x\" is a valid xRange identifier, meaning \"any version\"\n\n// Only the first item is strictly required.\n\ntok('XRANGEIDENTIFIERLOOSE')\nsrc[t.XRANGEIDENTIFIERLOOSE] = src[t.NUMERICIDENTIFIERLOOSE] + '|x|X|\\\\\\\\|*'\n\ntok('XRANGEIDENTIFIER')\nsrc[t.XRANGEIDENTIFIER] = src[t.NUMERICIDENTIFIER] + '|x|X|\\\\\\\\|*'\n\ntok('XRANGEPLAIN')\nsrc[t.XRANGEPLAIN] = '[v=\\\\\\\\s]*(+ src[t.XRANGEIDENTIFIER] +)' +\n\ntok('XRANGEIDENTIFIER') + ') +\n\n'(?:\\\\\\\\.(+ src[t.XRANGEIDENTIFIER] +)' +\n\ntok('XRANGEIDENTIFIER') + ') +\n\n'(?: + src[t.PRERELEASE] +)?' +\n\nsrc[t.BUILD] + '?' +\n\n')?'\n\ntok('XRANGEPLAINLOOSE')\nsrc[t.XRANGEPLAINLOOSE] = '[v=\\\\\\\\s]*(+ src[t.XRANGEIDENTIFIERLOOSE] +)' +\n\ntok('XRANGEIDENTIFIERLOOSE') + ') +\n\n'(?:\\\\\\\\.(+ src[t.XRANGEIDENTIFIERLOOSE] +)' +\n\nsrc[t.XRANGEIDENTIFIERLOOSE] + ') +\n\n'(?: + src[t.PRERELEASELOOSE] +)?' +\n\nsrc[t.BUILD] + '?' +\n\n')?'\n\ntok('XRANGE')\nsrc[t.XRANGE] = '^ + src[t.GTLT] + '\\\\\\\\s*' + src[t.XRANGEPLAIN] + '\$'\n\ntok('XRANGELOOSE')\nsrc[t.XRANGELOOSE] = '^ + src[t.GTLT] + '\\\\\\\\s*' + src[t.XRANGEPLAINLOOSE] + '\$'\n\n// Coercion.\n\n// Extract anything that could conceivably be a part of a valid semver\ntok('COERCE')\nsrc[t.COERCE] = '(^|^(\\\\\\\\d)' +\n\n'\\\\\\\\d{1, +\n\nMAX_SAFE_COMPONENT_LENGTH + ') +\n\n'(?:\\\\\\\\.(\\\\\\\\d{1, +\n\nMAX_SAFE_COMPONENT_LENGTH + ')?)?' +\n\n'(?:\\\\\\\\.(\\\\\\\\d{1, +\n\nMAX_SAFE_COMPONENT_LENGTH + ')?)?' +\n\n')?'\n\ntok('COERCERTL')\nsrc[t.COERCERTL] = new RegExp(src[t.COERCE], 'g')\n\n// Tilde ranges.\n\n// Meaning is \"reasonably at or greater than\"\ntok('LONETILDE')\nsrc[t.LONETILDE] = '(?:~>?)'\n\ntok('TILDETRIM')\nsrc[t.TILDETRIM] = '(\\\\\\\\s*' + src[t.LONETILDE] + '\\\\\\\\s+' +\n\nsrc[t.TILDETRIM] = new RegExp(src[t.TILDETRIM], 'g')\n\nvar tildeTrimReplace = '\$1~'\n\ntok('TILDE')\nsrc[t.TILDE] = '^ + src[t.LONETILDE] + src[t.XRANGEPLAIN] + '\$'\n\ntok('TILDELOOSE')\nsrc[t.TILDELOOSE] = '^ + src[t.LONETILDE] + src[t.XRANGEPLAINLOOSE] + '\$'\n\n// Caret ranges.\n\n// Meaning is \"at least and backwards compatible with\"\ntok('LONECARET')\nsrc[t.LONECARET] = '(?:\\\\\\\\^)' +\n\nsrc[t.LONECARET] = '(\\\\\\\\s*' + src[t.LONECARET] + '\\\\\\\\s+' +\n\nsrc[t.CARETTRIM] = new RegExp(src[t.CARETTRIM], 'g')\n\nvar caretTrimReplace = '\$1^'\n\ntok('CARET')\nsrc[t.CARET] = '^ + src[t.LONECARET] + src[t.XRANGEPLAIN] + '\$'\n\ntok('CARETLOOSE')\nsrc[t.CARETLOOSE] = '^ + src[t.LONECARET] + src[t.XRANGEPLAINLOOSE] + '\$'\n\n// A simple gt/lt/eq thing, or just \"\" to indicate \"any version\"\ntok('COMPARATORLOOSE')\nsrc[t.COMPARATORLOOSE] = '^ + src[t.GTLT] + '\\\\\\\\s*' + src[t.LOOSEPLAIN] + '\$'\n\ntok('COMPARATOR')\nsrc[t.COMPARATOR] = '^ + src[t.GTLT] + '\\\\\\\\s*' + src[t.FULLPLAIN] + '\$'\n\n// An expression to strip any whitespace between the gtl and the thing\n\n// it modifies, so that > 1.2.3` ==> >1.2.3`\ntok('COMPARATORTRIM')\nsrc[t.COMPARATORTRIM] = '(\\\\\\\\s*' + src[t.GTLT] + '\\\\\\\\s*' + src[t.LOOSEPLAIN] + '| + src[t.XRANGEPLAIN] +)'\n\n// this one has to use the /g flag\nsrc[t.COMPARATORTRIM] = new RegExp(src[t.COMPARATORTRIM], 'g')\n\nvar comparatorTrimReplace = '\$1\$2\$3'\n\n// Something like `1.2.3 - 1.2.4`\n\n// Note that these all use the loose form, because they'll be\n\n// checked against either the strict or loose comparator form\n\n// later.\n\ntok('HYPHENRANGE')\nsrc[t.HYPHENRANGE] = '^\\\\\\\\s*(+ src[t.XRANGEPLAIN] +) +\n\n'\\\\\\\\s+-\\\\\\\\s+' +\n\n'(+ src[t.XRANGEPLAIN] +)' +\n\n'\\\\\\\\s*\$'\n\ntok('HYPHENRANGELOOSE')\nsrc[t.HYPHENRANGELOOSE] = '^\\\\\\\\s*(+ src[t.XRANGEPLAINLOOSE] +) +\n\n'\\\\\\\\s+-\\\\\\\\s+' +\n\n'(+ src[t.XRANGEPLAINLOOSE] +)' +\n\n'\\\\\\\\s*\$'\n\n// Star ranges basically just allow anything at all.\n\ntok('STAR')\nsrc[t.STAR] = '<>=?'\n\n// Compile to actual regexp objects.\n\n// All are flag-free, unless they were created above with a flag.\n\nfor (var i = 0; i < R; i++) {\n\n debug(i, src[i])\n\n if (!re[i]) {\n\n re[i] = new RegExp(src[i])\n\n }\n\n exports.parse = parse\n\n function parse (version, options) {\n\n if (!options || typeof options !== 'object') {\n\n options = {\n\n loose: !!options,\n\n includePrerelease: false\n\n }\n\n }\n\n if (version

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instanceof SemVer) {\n  return version\n } \n\n if (typeof version !== 'string') {\n  return null\n }\n\n if
(version.length > MAX_LENGTH) {\n  return null\n }\n\n var r = options.loose ? re[t.LOOSE] : re[t.FULL]\n if
(!r.test(version)) {\n  return null\n }\n\n try {\n  return new SemVer(version, options)\n } catch (er) {\n  return
null\n }\n\n\nexports.valid = valid\nfunction valid (version, options) {\n  var v = parse(version, options)\n  return v
? v.version : null\n}\n\nexports.clean = clean\nfunction clean (version, options) {\n  var s =
parse(version.trim().replace(/^[=v]+/, ''), options)\n  return s ? s.version : null\n}\n\n\nexports.SemVer =
SemVer\n\nfunction SemVer (version, options) {\n  if (!options || typeof options !== 'object') {\n  options = {\n
loose: !!options,\n  includePrerelease: false\n } }\n  if (version instanceof SemVer) {\n  if (version.loose
=== options.loose) {\n  return version\n } else {\n  version = version.version\n } }\n  } else if (typeof version
!== 'string') {\n  throw new TypeError('Invalid Version: ' + version)\n }\n\n if (version.length > MAX_LENGTH)
{\n  throw new TypeError('version is longer than ' + MAX_LENGTH + ' characters')\n }\n\n if (!(this instanceof
SemVer)) {\n  return new SemVer(version, options)\n }\n\n debug('SemVer', version, options)\n  this.options =
options\n  this.loose = !!options.loose\n\n  var m = version.trim().match(options.loose ? re[t.LOOSE] :
re[t.FULL])\n\n  if (!m) {\n  throw new TypeError('Invalid Version: ' + version)\n }\n\n  this.raw = version\n\n //
these are actually numbers\n  this.major = +m[1]\n  this.minor = +m[2]\n  this.patch = +m[3]\n\n  if (this.major >
MAX_SAFE_INTEGER || this.major < 0) {\n  throw new TypeError('Invalid major version')\n }\n\n  if (this.minor >
MAX_SAFE_INTEGER || this.minor < 0) {\n  throw new TypeError('Invalid minor version')\n }\n\n  if
(this.patch > MAX_SAFE_INTEGER || this.patch < 0) {\n  throw new TypeError('Invalid patch version')\n }\n\n
// numberify any prerelease numeric ids\n  if (!m[4]) {\n  this.prerelease = []\n } else {\n  this.prerelease =
m[4].split('.').map(function (id) {\n  if (/^[0-9]+$/.test(id)) {\n  var num = +id\n  if (num >= 0 && num <
MAX_SAFE_INTEGER) {\n  return num\n } }\n  return id\n })\n }\n\n  this.build = m[5] ?
m[5].split('.') : []\n  this.format()\n}\n\nSemVer.prototype.format = function () {\n  this.version = this.major + '.' +
this.minor + '.' + this.patch\n  if (this.prerelease.length) {\n  this.version += '-' + this.prerelease.join('.')\n }\n  return
this.version\n}\n\nSemVer.prototype.toString = function () {\n  return this.version\n}\n\nSemVer.prototype.compare
= function (other) {\n  debug('SemVer.compare', this.version, this.options, other)\n  if (!(other instanceof SemVer))
{\n  other = new SemVer(other, this.options)\n }\n\n  return this.compareMain(other) ||
this.comparePre(other)\n}\n\nSemVer.prototype.compareMain = function (other) {\n  if (!(other instanceof
SemVer)) {\n  other = new SemVer(other, this.options)\n }\n\n  return compareIdentifiers(this.major, other.major)
||\n  compareIdentifiers(this.minor, other.minor) ||\n  compareIdentifiers(this.patch,
other.patch)\n}\n\nSemVer.prototype.comparePre = function (other) {\n  if (!(other instanceof SemVer)) {\n  other
= new SemVer(other, this.options)\n }\n\n  // NOT having a prerelease is > having one\n  if (this.prerelease.length
&& !other.prerelease.length) {\n  return -1\n } else if (!this.prerelease.length && other.prerelease.length) {\n
return 1\n } else if (!this.prerelease.length && !other.prerelease.length) {\n  return 0\n }\n\n  var i = 0\n  do {\n
var a = this.prerelease[i]\n  var b = other.prerelease[i]\n  debug('prerelease compare', i, a, b)\n  if (a ===
undefined && b === undefined) {\n  return 0\n } else if (b === undefined) {\n  return 1\n } else if (a ===
undefined) {\n  return -1\n } else if (a === b) {\n  continue\n } else {\n  return compareIdentifiers(a, b)\n }\n }
while (++i)\n}\n\nSemVer.prototype.compareBuild = function (other) {\n  if (!(other instanceof SemVer)) {\n  other
= new SemVer(other, this.options)\n }\n\n  var i = 0\n  do {\n  var a = this.build[i]\n  var b =
other.build[i]\n  debug('prerelease compare', i, a, b)\n  if (a === undefined && b === undefined) {\n  return 0\n
} else if (b === undefined) {\n  return 1\n } else if (a === undefined) {\n  return -1\n } else if (a === b)
{\n  continue\n } else {\n  return compareIdentifiers(a, b)\n }\n } while (++i)\n}\n\n// preminor will bump
the version up to the next minor release, and immediately\n// down to pre-release. premajor and prepatch work the
same way.\nSemVer.prototype.inc = function (release, identifier) {\n  switch (release) {\n  case 'premajor':\n  this.prerelease.length = 0\n  this.patch = 0\n  this.minor = 0\n  this.major++\n  this.inc('pre', identifier)\n
break\n  case 'preminor':\n  this.prerelease.length = 0\n  this.patch = 0\n  this.minor++\n  this.inc('pre',
identifier)\n  break\n  case 'prepatch':\n  // If this is already a prerelease, it will bump to the next version\n //
drop any prereleases that might already exist, since they are not\n // relevant at this point.\n  this.prerelease.length = 0\n
this.inc('patch', identifier)\n  this.inc('pre', identifier)\n  break\n  // If the input is

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a non-prerelease version, this acts the same as\n // prepatch.\n case 'prerelease':\n if (this.prerelease.length
=== 0) {\n this.inc('patch', identifier)\n }\n this.inc('pre', identifier)\n break\n\n case 'major':\n // If
this is a pre-major version, bump up to the same major version.\n // Otherwise increment major.\n // 1.0.0-5
bumps to 1.0.0\n // 1.1.0 bumps to 2.0.0\n if (this.minor !== 0 ||\n this.patch !== 0 ||\n
this.prerelease.length === 0) {\n this.major++\n }\n this.minor = 0\n this.patch = 0\n this.prerelease
= []\n break\n case 'minor':\n // If this is a pre-minor version, bump up to the same minor version.\n //
Otherwise increment minor.\n // 1.2.0-5 bumps to 1.2.0\n // 1.2.1 bumps to 1.3.0\n if (this.patch !== 0 ||
this.prerelease.length === 0) {\n this.minor++\n }\n this.patch = 0\n this.prerelease = []\n break\n
case 'patch':\n // If this is not a pre-release version, it will increment the patch.\n // If it is a pre-release it will
bump up to the same patch version.\n // 1.2.0-5 patches to 1.2.0\n // 1.2.0 patches to 1.2.1\n if
(this.prerelease.length === 0) {\n this.patch++\n }\n this.prerelease = []\n break\n // This probably
shouldn't be used publicly.\n // 1.0.0 "pre" would become 1.0.0-0 which is the wrong direction.\n case 'pre':\n
if (this.prerelease.length === 0) {\n this.prerelease = [0]\n } else {\n var i = this.prerelease.length\n
while (--i >= 0) {\n if (typeof this.prerelease[i] === 'number') {\n this.prerelease[i]++\n i = -2\n
}\n }\n if (i === -1) {\n // didn't increment anything\n this.prerelease.push(0)\n }\n }\n
if (identifier) {\n // 1.2.0-beta.1 bumps to 1.2.0-beta.2,\n // 1.2.0-beta.foo blz or 1.2.0-beta bumps to 1.2.0-
beta.0\n if (this.prerelease[0] === identifier) {\n if (isNaN(this.prerelease[1])) {\n this.prerelease =
[identifier, 0]\n }\n } else {\n this.prerelease = [identifier, 0]\n }\n }\n break\n\n
default:\n throw new Error('invalid increment argument: ' + release)\n }\n this.format()\n this.raw =
this.version\n return this\n}\n\n\nexports.inc = inc\nfunction inc (version, release, loose, identifier) {\n if (typeof
(loose) === 'string') {\n identifier = loose\n loose = undefined\n }\n\n try {\n return new SemVer(version,
loose).inc(release, identifier).version\n } catch (er) {\n return null\n }\n}\n\n\nexports.diff = diff\nfunction diff
(version1, version2) {\n if (eq(version1, version2)) {\n return null\n } else {\n var v1 = parse(version1)\n var
v2 = parse(version2)\n var prefix = "\n if (v1.prerelease.length || v2.prerelease.length) {\n prefix = 'pre'\n
var defaultResult = 'prerelease'\n }\n for (var key in v1) {\n if (key === 'major' || key === 'minor' || key ===
'patch') {\n if (v1[key] !== v2[key]) {\n return prefix + key\n }\n }\n }\n return defaultResult //
may be undefined\n }\n}\n\n\nexports.compareIdentifiers = compareIdentifiers\n\nvar numeric = /^[0-9]+$/\nfunction
compareIdentifiers (a, b) {\n var anum = numeric.test(a)\n var bnum = numeric.test(b)\n\n if (anum && bnum) {\n
a = +a\n b = +b\n }\n\n return a === b ? 0\n : (anum && !bnum) ? -1\n : (bnum && !anum) ? 1\n : a < b ?
-1\n : 1\n}\n\n\nexports.rcompareIdentifiers = rcompareIdentifiers\nfunction rcompareIdentifiers (a, b) {\n return
compareIdentifiers(b, a)\n}\n\n\nexports.major = major\nfunction major (a, loose) {\n return new SemVer(a,
loose).major\n}\n\n\nexports.minor = minor\nfunction minor (a, loose) {\n return new SemVer(a,
loose).minor\n}\n\n\nexports.patch = patch\nfunction patch (a, loose) {\n return new SemVer(a,
loose).patch\n}\n\n\nexports.compare = compare\nfunction compare (a, b, loose) {\n return new SemVer(a,
loose).compare(new SemVer(b, loose))\n}\n\n\nexports.compareLoose = compareLoose\nfunction compareLoose (a,
b) {\n return compare(a, b, true)\n}\n\n\nexports.compareBuild = compareBuild\nfunction compareBuild (a, b, loose)
{\n var versionA = new SemVer(a, loose)\n var versionB = new SemVer(b, loose)\n return
versionA.compare(versionB) || versionA.compareBuild(versionB)\n}\n\n\nexports.rcompare = rcompare\nfunction
rcompare (a, b, loose) {\n return compare(b, a, loose)\n}\n\n\nexports.sort = sort\nfunction sort (list, loose) {\n return
list.sort(function (a, b) {\n return exports.compareBuild(a, b, loose)\n })\n}\n\n\nexports.rsort = rsort\nfunction
rsort (list, loose) {\n return list.sort(function (a, b) {\n return exports.compareBuild(b, a, loose)\n })\n}\n\n\nexports.gt =
gt\nfunction gt (a, b, loose) {\n return compare(a, b, loose) > 0\n}\n\n\nexports.lt = lt\nfunction lt (a, b, loose) {\n
return compare(a, b, loose) < 0\n}\n\n\nexports.eq = eq\nfunction eq (a, b, loose) {\n return compare(a, b, loose) ===
0\n}\n\n\nexports.neq = neq\nfunction neq (a, b, loose) {\n return compare(a, b, loose) !== 0\n}\n\n\nexports.gte =
gte\nfunction gte (a, b, loose) {\n return compare(a, b, loose) >= 0\n}\n\n\nexports.lte = lte\nfunction lte (a, b, loose)
{\n return compare(a, b, loose) <= 0\n}\n\n\nexports.cmp = cmp\nfunction cmp (a, op, b, loose) {\n switch (op) {\n
case '===':\n if (typeof a === 'object')\n a = a.version\n if (typeof b === 'object')\n b = b.version\n
return a === b\n case '!==':\n if (typeof a === 'object')\n a = a.version\n if (typeof b === 'object')\n

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b = b.version\n    return a !== b\n\n    case '':\n    case '=':\n    case '===':\n    return eq(a, b, loose)\n\n    case '!':\n    return neq(a, b, loose)\n\n    case '>':\n    return gt(a, b, loose)\n\n    case '>=':\n    return gte(a, b, loose)\n\n    case '<':\n    return lt(a, b, loose)\n\n    case '<=':\n    return lte(a, b, loose)\n\n    default:\n    throw new
TypeError('Invalid operator: ' + op)\n  }\n}\n\nexports.Comparator = Comparator\nfunction Comparator (comp,
options) {\n  if (!options || typeof options !== 'object') {\n    options = {\n      loose: !!options,\n      includePrerelease: false\n    }\n  }\n\n  if (comp instanceof Comparator) {\n    if (comp.loose === !!options.loose)
{\n      return comp\n    } else {\n      comp = comp.value\n    }\n  }\n\n  if (!(this instanceof Comparator)) {\n    return new Comparator(comp, options)\n  }\n\n  debug('comparator', comp, options)\n  this.options = options\n  this.loose = !!options.loose\n  this.parse(comp)\n\n  if (this.semver === ANY) {\n    this.value = ''\n  } else {\n    this.value = this.operator + this.semver.version\n  }\n\n  debug('comp', this)\n\n  var ANY =
{\n}\nComparator.prototype.parse = function (comp) {\n  var r = this.options.loose ? re[t.COMPARATORLOOSE] :
re[t.COMPARATOR]\n  var m = comp.match(r)\n\n  if (!m) {\n    throw new TypeError('Invalid comparator: ' +
comp)\n  }\n\n  this.operator = m[1] !== undefined ? m[1] : ''\n  if (this.operator === '=') {\n    this.operator = ''\n  }\n\n  // if it literally is just '>' or '<' then allow anything.\n  if (!m[2]) {\n    this.semver = ANY\n  } else {\n    this.semver = new SemVer(m[2], this.options.loose)\n  }\n}\n\nComparator.prototype.toString = function () {\n  return this.value\n}\n\nComparator.prototype.test = function (version) {\n  debug('Comparator.test', version,
this.options.loose)\n\n  if (this.semver === ANY || version === ANY) {\n    return true\n  }\n\n  if (typeof version
=== 'string') {\n    try {\n      version = new SemVer(version, this.options)\n    } catch (er) {\n      return false\n    }\n  }\n\n  return cmp(version, this.operator, this.semver, this.options)\n}\n\nComparator.prototype.intersects = function
(comp, options) {\n  if (!(comp instanceof Comparator)) {\n    throw new TypeError('a Comparator is required')\n  }\n\n  if (!options || typeof options !== 'object') {\n    options = {\n      loose: !!options,\n      includePrerelease:
false\n    }\n  }\n\n  var rangeTmp\n\n  if (this.operator === '') {\n    if (this.value === '') {\n      return true\n    }\n    rangeTmp = new Range(comp.value, options)\n    return satisfies(this.value, rangeTmp, options)\n  } else if
(comp.operator === '') {\n    if (comp.value === '') {\n      return true\n    }\n    rangeTmp = new Range(this.value,
options)\n    return satisfies(comp.semver, rangeTmp, options)\n  }\n\n  var sameDirectionIncreasing =\n    (this.operator === '>=' || this.operator === '>') &&\n    (comp.operator === '>=' || comp.operator === '>')\n  var
sameDirectionDecreasing =\n    (this.operator === '<=' || this.operator === '<') &&\n    (comp.operator === '<=' ||
comp.operator === '<')\n  var sameSemVer = this.semver.version === comp.semver.version\n  var
differentDirectionsInclusive =\n    (this.operator === '>=' || this.operator === '<=') &&\n    (comp.operator === '>='
|| comp.operator === '<=')\n  var oppositeDirectionsLessThan =\n    cmp(this.semver, '<', comp.semver, options)
&&\n    ((this.operator === '>=' || this.operator === '>') &&\n    (comp.operator === '<=' || comp.operator
=== '<'))\n  var oppositeDirectionsGreaterThan =\n    cmp(this.semver, '>', comp.semver, options) &&\n    ((this.operator
=== '<=' || this.operator === '<') &&\n    (comp.operator === '>=' || comp.operator === '>'))\n\n  return
sameDirectionIncreasing || sameDirectionDecreasing ||\n    (sameSemVer && differentDirectionsInclusive) ||\n    oppositeDirectionsLessThan || oppositeDirectionsGreaterThan\n}\n\nexports.Range = Range\nfunction Range
(range, options) {\n  if (!options || typeof options !== 'object') {\n    options = {\n      loose: !!options,\n      includePrerelease: false\n    }\n  }\n\n  if (range instanceof Range) {\n    if (range.loose === !!options.loose &&\n    range.includePrerelease === !!options.includePrerelease) {\n      return range\n    } else {\n      return new
Range(range.raw, options)\n    }\n  }\n\n  if (range instanceof Comparator) {\n    return new Range(range.value,
options)\n  }\n\n  if (!(this instanceof Range)) {\n    return new Range(range, options)\n  }\n\n  this.options =
options\n  this.loose = !!options.loose\n  this.includePrerelease = !!options.includePrerelease\n\n  // First, split based
on boolean or |\n  this.raw = range\n  this.set = range.split(/\s*\|\\\s*/).map(function (range) {\n    return
this.parseRange(range.trim())\n  }, this).filter(function (c) {\n    // throw out any that are not relevant for whatever
reason\n    return c.length\n  })\n\n  if (!this.set.length) {\n    throw new TypeError('Invalid SemVer Range: ' +
range)\n  }\n\n  this.format()\n\n  Range.prototype.format = function () {\n    this.range = this.set.map(function
(comps) {\n      return comps.join(' ').trim()\n    }).join('|').trim()\n    return this.range\n  }\n\n  Range.prototype.toString =
function () {\n    return this.range\n  }\n\n  Range.prototype.parseRange = function (range) {\n    var loose =
this.options.loose\n    range = range.trim()\n    // `1.2.3 - 1.2.4` => `>=1.2.3 <=1.2.4`\n    var hr = loose ?

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re[t.HYPHENRANGELOOSE] : re[t.HYPHENRANGE]\n range = range.replace(hr, hyphenReplace)\n
debug('hyphen replace', range)\n // > 1.2.3 < 1.2.5` => `>1.2.3 <1.2.5`\n range =
range.replace(re[t.COMPARATORTRIM], comparatorTrimReplace)\n debug('comparator trim', range,
re[t.COMPARATORTRIM])\n\n // ~ 1.2.3` => `~1.2.3`\n range = range.replace(re[t.TILDETRIM],
tildeTrimReplace)\n\n // ^ 1.2.3` => `^1.2.3`\n range = range.replace(re[t.CARETRIM], caretTrimReplace)\n\n
// normalize spaces\n range = range.split(/\s+/).join(' ')\n\n // At this point, the range is completely trimmed and\n
// ready to be split into comparators.\n\n var compRe = loose ? re[t.COMPARATORLOOSE] :
re[t.COMPARATOR]\n var set = range.split(' ').map(function (comp) {\n return parseComparator(comp,
this.options)\n }, this).join(' ').split(/\s+/)\n if (this.options.loose) {\n // in loose mode, throw out any that are not
valid comparators\n set = set.filter(function (comp) {\n return !!comp.match(compRe)\n })\n } set =
set.map(function (comp) {\n return new Comparator(comp, this.options)\n }, this)\n\n return
set\n}\n\nRange.prototype.intersects = function (range, options) {\n if (!(range instanceof Range)) {\n throw new
TypeError('a Range is required')\n }\n\n return this.set.some(function (thisComparators) {\n return (\n
isSatisfiable(thisComparators, options) &&\n range.set.some(function (rangeComparators) {\n return (\n
isSatisfiable(rangeComparators, options) &&\n thisComparators.every(function (thisComparator) {\n
return rangeComparators.every(function (rangeComparator) {\n return
thisComparator.intersects(rangeComparator, options)\n })\n })\n })\n })\n })\n\n// take a
set of comparators and determine whether there\n// exists a version which can satisfy it\nfunction isSatisfiable
(comparators, options) {\n var result = true\n var remainingComparators = comparators.slice()\n var
testComparator = remainingComparators.pop()\n\n while (result && remainingComparators.length) {\n result =
remainingComparators.every(function (otherComparator) {\n return testComparator.intersects(otherComparator,
options)\n })\n\n testComparator = remainingComparators.pop()\n }\n\n return result\n}\n\n// Mostly just for
testing and legacy API reasons\nexports.toComparators = toComparators\nfunction toComparators (range, options)
{\n return new Range(range, options).set.map(function (comp) {\n return comp.map(function (c) {\n return
c.value\n }).join(' ').trim().split(' ')\n })\n}\n\n// comprised of xranges, tildes, stars, and gtl's at this point.\n//
already replaced the hyphen ranges\n// turn into a set of JUST comparators.\nfunction parseComparator (comp,
options) {\n debug('comp', comp, options)\n comp = replaceCaret(comp, options)\n debug('caret', comp)\n comp
= replaceTildes(comp, options)\n debug('tildes', comp)\n comp = replaceXRanges(comp, options)\n
debug('xrange', comp)\n comp = replaceStars(comp, options)\n debug('stars', comp)\n return comp\n}\n\nfunction
isX(id) {\n return !id || id.toLowerCase() === 'x' || id === '*'\n}\n\n// ~, ~> * (any, kinda silly)\n// ~2, ~2.x,
~2.x.x, ~>2, ~>2.x ~>2.x.x --> >=2.0.0 <3.0.0\n// ~2.0, ~2.0.x, ~>2.0, ~>2.0.x --> >=2.0.0 <2.1.0\n// ~1.2, ~1.2.x,
~>1.2, ~>1.2.x --> >=1.2.0 <1.3.0\n// ~1.2.3, ~>1.2.3 --> >=1.2.3 <1.3.0\n// ~1.2.0, ~>1.2.0 --> >=1.2.0
<1.3.0\nfunction replaceTildes (comp, options) {\n return comp.trim().split(/\s+/).map(function (comp) {\n return
replaceTilde(comp, options)\n }).join(' ')\n}\n\nfunction replaceTilde (comp, options) {\n var r = options.loose ?
re[t.TILDELOOSE] : re[t.TILDE]\n return comp.replace(r, function (_, M, m, p, pr) {\n debug('tilde', comp, _, M,
m, p, pr)\n var ret\n\n if (isX(M)) {\n ret = "\n } else if (isX(m)) {\n ret = '>=' + M + '.0.0 <' + (+M + 1)
+ '.0.0\n } else if (isX(p)) {\n // ~1.2 == >=1.2.0 <1.3.0\n ret = '>=' + M + '.' + m + '.0 <' + M + '.' + (+m +
1) + '.0\n } else if (pr) {\n debug('replaceTilde pr', pr)\n ret = '>=' + M + '.' + m + '.' + p + '-' + pr +\n
' <' + M + '.' + (+m + 1) + '.0\n } else {\n // ~1.2.3 == >=1.2.3 <1.3.0\n ret = '>=' + M + '.' + m + '.' + p +\n
' <' + M + '.' + (+m + 1) + '.0\n }\n\n debug('tilde return', ret)\n return ret\n })\n}\n\n// ^ --> * (any, kinda
silly)\n// ^2, ^2.x, ^2.x.x --> >=2.0.0 <3.0.0\n// ^2.0, ^2.0.x --> >=2.0.0 <3.0.0\n// ^1.2, ^1.2.x --> >=1.2.0 <2.0.0\n//
^1.2.3 --> >=1.2.3 <2.0.0\n// ^1.2.0 --> >=1.2.0 <2.0.0\nfunction replaceCaret (comp, options) {\n return
comp.trim().split(/\s+/).map(function (comp) {\n return replaceCaret(comp, options)\n }).join(' ')\n}\n\nfunction
replaceCaret (comp, options) {\n debug('caret', comp, options)\n var r = options.loose ? re[t.CARETLOOSE] :
re[t.CARET]\n return comp.replace(r, function (_, M, m, p, pr) {\n debug('caret', comp, _, M, m, p, pr)\n var
ret\n\n if (isX(M)) {\n ret = "\n } else if (isX(m)) {\n ret = '>=' + M + '.0.0 <' + (+M + 1) + '.0.0\n } else
if (isX(p)) {\n if (M === '0') {\n ret = '>=' + M + '.' + m + '.0 <' + M + '.' + (+m + 1) + '.0\n } else {\n
ret = '>=' + M + '.' + m + '.0 <' + (+M + 1) + '.0.0\n }\n } else if (pr) {\n debug('replaceCaret pr', pr)\n if

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(M === '0') {\n      if (m === '0') {\n          ret = '>=' + M + '.' + m + '.' + p + '-' + pr + \n          '<' + M + '.' + m +
.' + (+p + 1)\n      } else {\n          ret = '>=' + M + '.' + m + '.' + p + '-' + pr + \n          '<' + M + '.' + (+m + 1) +
'.0'\n      }\n  } else {\n      ret = '>=' + M + '.' + m + '.' + p + '-' + pr + \n      '<' + (+M + 1) + '.0.0'\n  }\n} else {\n  debug('no pr')\n  if (M === '0') {\n      if (m === '0') {\n          ret = '>=' + M + '.' + m + '.' + p + \n
          '<' + M + '.' + m + '.' + (+p + 1)\n      } else {\n          ret = '>=' + M + '.' + m + '.' + p + \n
          '<' + M + '.'
+ (+m + 1) + '.0'\n      }\n  } else {\n      ret = '>=' + M + '.' + m + '.' + p + \n
          '<' + (+M + 1) + '.0.0'\n  }\n}\n}\n\n debug('caret return', ret)\n return ret\n })\n\nfunction replaceXRanges (comp, options) {\n
debug('replaceXRanges', comp, options)\n return comp.split(/s+/).map(function (comp) {\n return
replaceXRRange(comp, options)\n }).join('')\n\nfunction replaceXRRange (comp, options) {\n comp =
comp.trim()\n var r = options.loose ? re[t.XRANGELOOSE] : re[t.XRANGE]\n return comp.replace(r, function
(ret, gtl, M, m, p, pr) {\n debug('xRange', comp, ret, gtl, M, m, p, pr)\n var xM = isX(M)\n var xm = xM ||
isX(m)\n var xp = xm || isX(p)\n var anyX = xp\n\n if (gtl === '=' && anyX) {\n gtl = "<"\n }\n\n // if
we're including prereleases in the match, then we need\n // to fix this to -0, the lowest possible prerelease value\n
pr = options.includePrerelease ? '-0' : "\n\n if (xM) {\n if (gtl === '>' || gtl === '<') {\n // nothing is
allowed\n ret = '<0.0.0-0'\n } else {\n // nothing is forbidden\n ret = '*'\n }\n } else if (gtl &&
anyX) {\n // we know patch is an x, because we have any x at all.\n // replace X with 0\n if (xm) {\n m
= 0\n }\n p = 0\n\n if (gtl === '>') {\n // >1 => >=2.0.0\n // >1.2 => >=1.3.0\n // >1.2.3 => >=
1.2.4\n gtl = '>='\n if (xm) {\n M = +M + 1\n m = 0\n p = 0\n } else {\n m = +m
+ 1\n p = 0\n }\n } else if (gtl === '<=') {\n // <=0.7.x is actually <0.8.0, since any 0.7.x should\n
// pass. Similarly, <=7.x is actually <8.0.0, etc.\n gtl = '<'\n if (xm) {\n M = +M + 1\n } else
{\n m = +m + 1\n }\n }\n\n ret = gtl + M + '.' + m + '.' + p + pr\n } else if (xm) {\n ret = '>=' +
M + '.0.0' + pr + '<' + (+M + 1) + '.0.0' + pr\n } else if (xp) {\n ret = '>=' + M + '.' + m + '.0' + pr + \n
          '<' +
M + '.' + (+m + 1) + '.0' + pr\n }\n\n debug('xRange return', ret)\n\n return ret\n })\n}\n\n// Because * is AND-
ed with everything else in the comparator,\n// and " means "any version", just remove the *s entirely.\nfunction
replaceStars (comp, options) {\n debug('replaceStars', comp, options)\n // Looseness is ignored here. star is always
as loose as it gets!\n return comp.trim().replace(re[t.STAR], "")\n}\n\n// This function is passed to
string.replace(re[t.HYPHENRANGE])\n// M, m, patch, prerelease, build\n// 1.2 - 3.4.5 => >=1.2.0 <=3.4.5\n// 1.2.3
- 3.4 => >=1.2.0 <3.5.0 Any 3.4.x will do\n// 1.2 - 3.4 => >=1.2.0 <3.5.0\nfunction hyphenReplace ($0, from, fm,
fm, fp, fpr, fb, to, tM, tm, tp, tpr, tb) {\n if (isX(fm)) {\n from = "\n } else if (isX(fm)) {\n from = '>=' + fm +
'.0.0'\n } else if (isX(fp)) {\n from = '>=' + fm + '.' + fm + '.0'\n } else {\n from = '>=' + from\n }\n\n if
(isX(tM)) {\n to = "\n } else if (isX(tm)) {\n to = '<' + (+tM + 1) + '.0.0'\n } else if (isX(tp)) {\n to = '<' + tM +
.' + (+tm + 1) + '.0'\n } else if (tpr) {\n to = '<=' + tM + '.' + tm + '.' + tp + '-' + tpr\n } else {\n to = '<=' + to\n
}\n\n return (from + ' ' + to).trim()\n}\n\n// if ANY of the sets match ALL of its comparators, then
pass\nRange.prototype.test = function (version) {\n if (!version) {\n return false\n }\n\n if (typeof version ===
'string') {\n try {\n version = new SemVer(version, this.options)\n } catch (er) {\n return false\n }\n
}\n\n for (var i = 0; i < this.set.length; i++) {\n if (testSet(this.set[i], version, this.options)) {\n return true\n
}\n }\n\n return false\n}\n\nfunction testSet (set, version, options) {\n for (var i = 0; i < set.length; i++) {\n if
(!set[i].test(version)) {\n return false\n }\n }\n\n if (version.prerelease.length && !options.includePrerelease)
{\n // Find the set of versions that are allowed to have prereleases\n // For example, ^1.2.3-pr.1 desugars to
>=1.2.3-pr.1 <2.0.0\n // That should allow `1.2.3-pr.2` to pass.\n // However, `1.2.4-alpha.notready` should NOT
be allowed,\n // even though it's within the range set by the comparators.\n for (i = 0; i < set.length; i++) {\n
debug(set[i].semver)\n if (set[i].semver === ANY) {\n continue\n }\n\n if
(set[i].semver.prerelease.length > 0) {\n var allowed = set[i].semver\n if (allowed.major === version.major
&&\n allowed.minor === version.minor &&\n allowed.patch === version.patch) {\n return
true\n }\n }\n }\n\n // Version has a -pre, but it's not one of the ones we like.\n return false\n }\n\n
return true\n}\n\nexports.satisfies = satisfies\nfunction satisfies (version, range, options) {\n try {\n range = new
Range(range, options)\n } catch (er) {\n return false\n }\n return range.test(version)\n}\n\nexports.maxSatisfying
= maxSatisfying\nfunction maxSatisfying (versions, range, options) {\n var max = null\n var maxSV = null\n try

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{\n  var rangeObj = new Range(range, options)\n } catch (er) {\n  return null\n }\n versions.forEach(function (v)
{\n  if (rangeObj.test(v)) {\n    // satisfies(v, range, options)\n    if (!max || maxSV.compare(v) === -1) {\n      //
compare(max, v, true)\n      max = v\n      maxSV = new SemVer(max, options)\n    }\n  }\n })\n return
max\n}\n\n\nexports.minSatisfying = minSatisfying\nfunction minSatisfying (versions, range, options) {\n  var min =
null\n  var minSV = null\n  try {\n    var rangeObj = new Range(range, options)\n  } catch (er) {\n    return null\n
}\n  versions.forEach(function (v) {\n    if (rangeObj.test(v)) {\n      // satisfies(v, range, options)\n      if (!min ||
minSV.compare(v) === 1) {\n        // compare(min, v, true)\n        min = v\n        minSV = new SemVer(min,
options)\n      }\n    }\n  })\n  return min\n}\n\n\nexports.minVersion = minVersion\nfunction minVersion (range,
loose) {\n  range = new Range(range, loose)\n\n  var minver = new SemVer('0.0.0')\n  if (range.test(minver)) {\n
return minver\n }\n\n  minver = new SemVer('0.0.0-0')\n  if (range.test(minver)) {\n    return minver\n }\n\n
minver = null\n  for (var i = 0; i < range.set.length; ++i) {\n    var comparators = range.set[i]\n\n    comparators.forEach(function (comparator) {\n      // Clone to avoid manipulating the comparator's semver object.\n
      var compver = new SemVer(comparator.semver.version)\n      switch (comparator.operator) {\n        case '>':\n
if (compver.prerelease.length === 0) {\n          compver.patch++\n        } else {\n
compver.prerelease.push(0)\n        }\n        compver.raw = compver.format()\n        /* fallthrough */\n        case
':\n        case '>=':\n          if (!minver || gt(minver, compver)) {\n            minver = compver\n          }\n          break\n
        case '<':\n        case '<=':\n          /* Ignore maximum versions */\n          break\n          /* istanbul ignore next */\n
default:\n          throw new Error('Unexpected operation: ' + comparator.operator)\n        }\n      }\n    })\n  }\n  if (minver
&& range.test(minver)) {\n    return minver\n }\n\n  return null\n}\n\n\nexports.validRange = validRange\nfunction
validRange (range, options) {\n  try {\n    // Return '*' instead of '' so that truthiness works.\n    // This will throw if
it's invalid anyway\n    return new Range(range, options).range || '*'\n  } catch (er) {\n    return null\n }\n}\n\n\n//
Determine if version is less than all the versions possible in the range\nexports.ltr = ltr\nfunction ltr (version, range,
options) {\n  return outside(version, range, '<', options)\n}\n\n\n// Determine if version is greater than all the versions
possible in the range.\nexports.gtr = gtr\nfunction gtr (version, range, options) {\n  return outside(version, range, '>',
options)\n}\n\n\nexports.outside = outside\nfunction outside (version, range, hilo, options) {\n  version = new
SemVer(version, options)\n  range = new Range(range, options)\n\n  var gtfn, ltefn, ltfn, comp, ecomp\n  switch
(hilo) {\n    case '>':\n      gtfn = gt\n      ltefn = lte\n      ltfn = lt\n      comp = '>'\n      ecomp = '>='\n      break\n
    case '<':\n      gtfn = lt\n      ltefn = gte\n      ltfn = gt\n      comp = '<'\n      ecomp = '<='\n      break\n
    default:\n      throw new TypeError('Must provide a hilo val of "<" or ">"')\n  }\n\n  // If it satisfies the range it is not outside\n
if (satisfies(version, range, options)) {\n    return false\n }\n\n  // From now on, variable terms are as if we're in
"ltr" mode.\n  // but note that everything is flipped for the "ltr" function.\n  for (var i = 0; i < range.set.length;
++i) {\n    var comparators = range.set[i]\n\n    var high = null\n    var low = null\n\n    comparators.forEach(function
(comparator) {\n      if (comparator.semver === ANY) {\n        comparator = new Comparator('>=0.0.0')\n      }\n
      high = high || comparator\n      low = low || comparator\n      if (gtfn(comparator.semver, high.semver, options)) {\n
        high = comparator\n      } else if (ltefn(comparator.semver, low.semver, options)) {\n        low = comparator\n
      }\n    })\n  }\n\n  // If the edge version comparator has a operator then our version\n  // isn't outside it\n  if
(high.operator === comp || high.operator === ecomp) {\n    return false\n }\n\n  // If the lowest version
comparator has an operator and our version\n  // is less than it then it isn't higher than the range\n  if
((!low.operator || low.operator === comp) && ltefn(version, low.semver)) {\n    return false\n } else if
(low.operator === ecomp && ltfn(version, low.semver)) {\n    return false\n }\n  }\n  return
true\n}\n\n\nexports.prerelease = prerelease\nfunction prerelease (version, options) {\n  var parsed = parse(version,
options)\n  return (parsed && parsed.prerelease.length) ? parsed.prerelease : null\n}\n\n\nexports.intersects =
intersects\nfunction intersects (r1, r2, options) {\n  r1 = new Range(r1, options)\n  r2 = new Range(r2, options)\n
return r1.intersects(r2)\n}\n\n\nexports.coerce = coerce\nfunction coerce (version, options) {\n  if (version instanceof
SemVer) {\n    return version\n }\n\n  if (typeof version === 'number') {\n    version = String(version)\n }\n\n  if
(typeof version !== 'string') {\n    return null\n }\n\n  options = options || {}\n\n  var match = null\n  if (!options.rtl)
{\n    match = version.match(re[t.COERCE])\n } else {\n    // Find the right-most coercible string that does not
share\n    // a terminus with a more left-ward coercible string.\n    // Eg, '1.2.3.4' wants to coerce '2.3.4', not '3.4' or

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'4\n // Walk through the string checking with a /g regexp\n // Manually set the index so as to pick up
overlapping matches.\n // Stop when we get a match that ends at the string end, since no\n // coercible string can
be more right-ward without the same terminus.\n var next\n while ((next = re[t.COERCERTL].exec(version))
&&\n (!match || match.index + match[0].length !== version.length)\n ) {\n if (!match ||\n next.index +
next[0].length !== match.index + match[0].length) {\n match = next\n re[t.COERCERTL].lastIndex =
next.index + next[1].length + next[2].length\n }\n // leave it in a clean state\n re[t.COERCERTL].lastIndex = -
1\n }\n if (match === null) {\n return null\n }\n return parse(match[2] +\n ' ' + (match[3] || '0') +\n ' ' +
(match[4] || '0'), options)\n}\n",/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is
licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n *
@flow\n */\n\nimport {\n  getDataType,\n  getDisplayNameForReactElement,\n  getAllEnumerableKeys,\n  getInObject,\n  formatDataForPreview,\n  setInObject,\n} from './utils';\n\nimport type {DehydratedData} from
'react-devtools-shared/src/devtools/views/Components/types';\n\nexport const meta = {\n  inspectable:
Symbol('inspectable'),\n  inspected: Symbol('inspected'),\n  name: Symbol('name'),\n  preview_long:
Symbol('preview_long'),\n  preview_short: Symbol('preview_short'),\n  readonly: Symbol('readonly'),\n  size:
Symbol('size'),\n  type: Symbol('type'),\n  unserializable: Symbol('unserializable'),\n};\n\nexport type Dehydrated =
{\n  inspectable: boolean,\n  name: string | null,\n  preview_long: string | null,\n  preview_short: string | null,\n
readonly?: boolean,\n  size?: number,\n  type: string,\n};\n\n// Typed arrays and other complex iterable objects
(e.g. Map, Set, ImmutableJS) need special handling.\n// These objects can't be serialized without losing type
information,\n// so a \"Unserializable\" type wrapper is used (with meta-data keys) to send nested values-\n// while
preserving the original type and name.\nexport type Unserializable = {\n  name: string | null,\n  preview_long: string
| null,\n  preview_short: string | null,\n  readonly?: boolean,\n  size?: number,\n  type: string,\n  unserializable:
boolean,\n  ...;\n};\n\n// This threshold determines the depth at which the bridge \"dehydrates\" nested data.\n//
Dehydration means that we don't serialize the data for e.g. postMessage or stringify,\n// unless the frontend
explicitly requests it (e.g. a user clicks to expand a props object).\n\n// Reducing this threshold will improve the
speed of initial component inspection,\n// but may decrease the responsiveness of expanding objects/arrays to
inspect further.\nconst LEVEL_THRESHOLD = 2;\n\n/**\n * Generate the dehydrated metadata for complex object
instances\n */\nfunction createDehydrated(\n  type: string,\n  inspectable: boolean,\n  data: Object,\n  cleaned:
Array<Array<string | number>>,\n  path: Array<string | number>,\n): Dehydrated {\n  cleaned.push(path);\n\n  const dehydrated: Dehydrated = {\n    inspectable,\n    type,\n    preview_long: formatDataForPreview(data, true),\n    preview_short: formatDataForPreview(data, false),\n    name:\n      !data.constructor || data.constructor.name ===
'Object'\n      ? \"\n      : data.constructor.name,\n  }; \n\n  if (type === 'array' || type === 'typed_array') {\n
dehydrated.size = data.length;\n  } else if (type === 'object') {\n    dehydrated.size = Object.keys(data).length;\n
  }\n\n  if (type === 'iterator' || type === 'typed_array') {\n    dehydrated.readonly = true;\n  }\n\n  return
dehydrated;\n}\n\n/**\n * Strip out complex data (instances, functions, and data nested > LEVEL_THRESHOLD
levels deep).\n * The paths of the stripped out objects are appended to the `cleaned` list.\n * On the other side of the
barrier, the cleaned list is used to \"re-hydrate\" the cleaned representation into\n * an object with symbols as
attributes, so that a sanitized object can be distinguished from a normal object.\n *\n * Input: {\"some\": {\n  attr\":
fn(),\n  other\": AnInstance}\n *\n * Output: {\n  some\": {\n  attr\": {\n  name\": the fn.name, type:
\"function\"\n  },\n  other\": {\n  name\": \"AnInstance\", type: \"object\", }\n  },\n  cleaned = [[\"some\", \"attr\"], [\"other\"]]\n */\n\nexport function dehydrate(\n  data: Object,\n  cleaned:
Array<Array<string | number>>,\n  unserializable: Array<Array<string | number>>,\n  path: Array<string |
number>,\n  isPathAllowed: (path: Array<string | number>) => boolean,\n  level?: number = 0,\n): \n | string\n |
Dehydrated\n | Unserializable\n | Array<Dehydrated>\n | Array<Unserializable>\n | {[key: string]: string |
Dehydrated | Unserializable, ...} {\n  const type = getDataType(data);\n  let isPathAllowedCheck;\n\n  switch
(type) {\n    case 'html_element':\n      cleaned.push(path);\n      return {\n        inspectable: false,\n        preview_short: formatDataForPreview(data, false),\n        preview_long: formatDataForPreview(data, true),\n        name: data.tagName,\n        type,\n      };\n    case 'function':\n      cleaned.push(path);\n      return {\n        inspectable: false,\n        preview_short: formatDataForPreview(data, false),\n        preview_long:

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formatDataForPreview(data, true),\n    name:\n        typeof data.name === 'function' || !data.name\n            ?\n            'function'\n            : data.name,\n        type,\n    });\n\n    case 'string':\n        isPathAllowedCheck =\n        isPathAllowed(path);\n        if (isPathAllowedCheck) {\n            return data;\n        } else {\n            return data.length <=\n            500 ? data : data.slice(0, 500) + '...';\n        }\n\n        case 'bigint':\n            cleaned.push(path);\n            return {\n                inspectable: false,\n                preview_short: formatDataForPreview(data, false),\n                preview_long:\n                formatDataForPreview(data, true),\n                name: data.toString(),\n                type,\n            });\n\n            // React Elements aren't very inspector-friendly,\n            // and often contain private fields or circular references.\n            case 'react_element':\n                cleaned.push(path);\n                return {\n                    inspectable: false,\n                    preview_short:\n                    formatDataForPreview(data, false),\n                    preview_long: formatDataForPreview(data, true),\n                    name:\n                    getDisplayNameForReactElement(data) || 'Unknown',\n                    type,\n                });\n\n                // ArrayBuffers error if you try to\n                inspect them.\n                case 'array_buffer':\n                case 'data_view':\n                    cleaned.push(path);\n                    return {\n                        inspectable:\n                        false,\n                        preview_short: formatDataForPreview(data, false),\n                        preview_long: formatDataForPreview(data,\n                        true),\n                        name: type === 'data_view' ? 'DataView' : 'ArrayBuffer',\n                        size: data.byteLength,\n                        type,\n                    });\n\n                    case 'array':\n                        isPathAllowedCheck = isPathAllowed(path);\n                        if (level >= LEVEL_THRESHOLD &&\n                        !isPathAllowedCheck) {\n                            return createDehydrated(type, true, data, cleaned, path);\n                        }\n                        return\n                        data.map((item, i) =>{\n                            dehydrate(\n                                item,\n                                cleaned,\n                                unserializable,\n                                path.concat([i]),\n                                isPathAllowed,\n                                isPathAllowedCheck ? 1 : level + 1,\n                                ),\n                            },\n                        );\n\n                        case\n                        'html_all_collection':\n                case 'typed_array':\n                case 'iterator':\n                    isPathAllowedCheck = isPathAllowed(path);\n                    if (level >= LEVEL_THRESHOLD &&\n                    !isPathAllowedCheck) {\n                        return createDehydrated(type, true, data,\n                        cleaned, path);\n                    } else {\n                        const unserializableValue: Unserializable = {\n                            unserializable: true,\n                            type: type,\n                            readonly: true,\n                            size: type === 'typed_array' ? data.length : undefined,\n                            preview_short: formatDataForPreview(data, false),\n                            preview_long: formatDataForPreview(data, true),\n                            name:\n                            !data.constructor || data.constructor.name === 'Object'\n                                ? ''\n                                :\n                                data.constructor.name,\n                        }; \n\n                        // TRICKY\n                        // Don't use [...spread] syntax for this purpose.\n                        //\n                        // This project uses @babel/plugin-transform-spread in "loose" mode which only works with Array values.\n                        //\n                        // Other types (e.g. typed arrays, Sets) will not spread correctly.\n                        Array.from(data).forEach(\n                            (item, i) =>{\n                                (unserializableValue[i] = dehydrate(\n                                    item,\n                                    cleaned,\n                                    unserializable,\n                                    path.concat([i]),\n                                    isPathAllowed,\n                                    isPathAllowedCheck ? 1 : level + 1,\n                                    )),\n                            },\n                        );\n\n                        unserializable.push(path);\n                        return unserializableValue;\n                    }\n\n                    case 'opaque_iterator':\n                        cleaned.push(path);\n                        return {\n                            inspectable: false,\n                            preview_short: formatDataForPreview(data,\n                            false),\n                            preview_long: formatDataForPreview(data, true),\n                            name: data[Symbol.toStringTag],\n                            type,\n                        });\n\n                    case 'date':\n                        cleaned.push(path);\n                        return {\n                            inspectable: false,\n                            preview_short:\n                            formatDataForPreview(data, false),\n                            preview_long: formatDataForPreview(data, true),\n                            name:\n                            data.toString(),\n                            type,\n                        });\n\n                    case 'regexp':\n                        cleaned.push(path);\n                        return {\n                            inspectable:\n                            false,\n                            preview_short: formatDataForPreview(data, false),\n                            preview_long: formatDataForPreview(data,\n                            true),\n                            name: data.toString(),\n                            type,\n                        });\n\n                    case 'object':\n                        isPathAllowedCheck =\n                        isPathAllowed(path);\n                        if (level >= LEVEL_THRESHOLD &&\n                        !isPathAllowedCheck) {\n                            return\n                            createDehydrated(type, true, data, cleaned, path);\n                        } else {\n                            const object = {};\n                            getAllEnumerableKeys(data).forEach(key => {\n                                const name = key.toString();\n                                object[name] =\n                                dehydrate(\n                                    data[key],\n                                    cleaned,\n                                    unserializable,\n                                    path.concat([name]),\n                                    isPathAllowed,\n                                    isPathAllowedCheck ? 1 : level + 1,\n                                    );\n                            });\n                            return object;\n                        }\n\n                    case 'infinity':\n                    case 'nan':\n                    case 'undefined':\n                        // Some values are lossy when sent through a WebSocket.\n                        // We dehydrate+rehydrate them to preserve their type.\n                        cleaned.push(path);\n                        return {\n                            type,\n                        };\n\n                    default:\n                        return data;\n                }\n\n            }\n\n            export function fillInPath(\n                object: Object,\n                data: DehydratedData,\n                path: Array<string | number>,\n                value: any,\n            ) {\n                const target = getObject(object, path);\n                if (target !== null) {\n                    if (!target[meta.unserializable]) {\n                        delete target[meta.inspectable];\n                        delete target[meta.inspected];\n                    }\n                }\n            }\n        }\n    }\n}

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FeatureFlagsType>);\n", "var g;\n\n// This works in non-strict mode\ng = (function() {\n  return this;\n})();\n\ntry\n{\n  // This works if eval is allowed (see CSP)\ntg = g || new Function("return this")();\n} catch (e) {\n  // This\n  works if the window reference is available\n  if (typeof window === "object") g = window;\n}\n\n// g can still be\n  undefined, but nothing to do about it...\n\n// We return undefined, instead of nothing here, so it's\n  easier to handle\n  this case. if(!global) { ...}\n\nmodule.exports = g;\n"}\n\n**\n * lodash (Custom Build) <https://lodash.com/>\n * Build: `lodash modularize exports="npm" -o .`\n * Copyright jQuery Foundation and other contributors\n <https://jquery.org/>\n * Released under MIT license <https://lodash.com/license>\n * Based on Underscore.js 1.8.3\n <http://underscorejs.org/LICENSE>\n * Copyright Jeremy Ashkenas, DocumentCloud and Investigative Reporters\n & Editors\n\n * Used as the `TypeError` message for `Functions` methods. *\nvar FUNC_ERROR_TEXT =\n'Expected a function';\n\n** Used as references for various `Number` constants. *\nvar NAN = 0 / 0;\n\n**\n`Object#toString` result references. *\nvar symbolTag = [object Symbol];\n\n** Used to match leading and\n  trailing whitespace. *\nvar reTrim = /^\\s+|\\s+$/g;\n\n** Used to detect bad signed hexadecimal string values.\n * *\nvar reIsBadHex = /^[+-]0x[0-9a-f]+$/i;\n\n** Used to detect binary string values. *\nvar reIsBinary =\n/^0b[01]+$/i;\n\n** Used to detect octal string values. *\nvar reIsOctal = /^0o[0-7]+$/i;\n\n** Built-in method\n  references without a dependency on `root`. *\nvar freeParseInt = parseInt;\n\n** Detect free variable `global` from\n  Node.js. *\nvar freeGlobal = typeof global == 'object' && global && global.Object === Object && global;\n\n**\n  Detect free variable `self`. *\nvar freeSelf = typeof self == 'object' && self && self.Object === Object &&\n  self;\n\n** Used as a reference to the global object. *\nvar root = freeGlobal || freeSelf || Function('return\n  this')();\n\n** Used for built-in method references. *\nvar objectProto = Object.prototype;\n\n**\n * Used to\n  resolve the\n * `toStringTag` (http://ecma-international.org/ecma-262/7.0/#sec-object.prototype.tostring)\n * of\n  values.\n * *\nvar objectToString = objectProto.toString;\n\n** Built-in method references for those with the same\n  name as other `lodash` methods. *\nvar nativeMax = Math.max,\n  nativeMin = Math.min;\n\n**\n * Gets the\n  timestamp of the number of milliseconds that have elapsed since\n * the Unix epoch (1 January 1970 00:00:00\n  UTC).\n * *\n * @static\n * @memberOf _\n * @since 2.4.0\n * @category Date\n * @returns {number} Returns the\n  timestamp.\n * @example\n * *\n_.defer(function(stamp) {\n  console.log(_.now() - stamp);\n}, _.now());\n * // => Logs the number of milliseconds it took for the deferred invocation.\n * *\nvar now = function() {\n  return\n  root.Date.now();\n};\n\n**\n * Creates a debounced function that delays invoking `func` until after `wait`\n * milliseconds have elapsed since the last time the debounced function was\n * invoked. The debounced function\n  comes with a `cancel` method to cancel\n * delayed `func` invocations and a `flush` method to immediately invoke\n  them.\n * Provide `options` to indicate whether `func` should be invoked on the\n * leading and/or trailing edge of\n  the `wait` timeout. The `func` is invoked\n * with the last arguments provided to the debounced function.\n  Subsequent\n * calls to the debounced function return the result of the last `func`\n * invocation.\n * *\n * **Note:**\n  If `leading` and `trailing` options are `true`, `func` is\n * invoked on the trailing edge of the timeout only if the\n  debounced function\n * is invoked more than once during the `wait` timeout.\n * *\n * If `wait` is `0` and `leading` is\n * `false`, `func` invocation is deferred\n * until to the next tick, similar to `setTimeout` with a timeout of `0`.\n * *\n * See [David Corbacho's article](https://css-tricks.com/debouncing-throttling-explained-examples/)\n * for details\n  over the differences between `_.debounce` and `_.throttle`.\n * *\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Function\n * @param {Function} func The function to debounce.\n * @param {number} [wait=0] The\n  number of milliseconds to delay.\n * @param {Object} [options={}] The options object.\n * @param {boolean} [options.leading=false]\n * Specify invoking on the leading edge of the timeout.\n * @param {number} [options.maxWait]\n * The maximum time `func` is allowed to be delayed before it's invoked.\n * @param\n  {boolean} [options.trailing=true]\n * Specify invoking on the trailing edge of the timeout.\n * @returns {Function}\n  Returns the new debounced function.\n * @example\n * *\n// Avoid costly calculations while the window size is in\n  flux.\n * jQuery(window).on('resize', _.debounce(calculateLayout, 150));\n * *\n// Invoke `sendMail` when clicked, debouncing subsequent calls.\n * jQuery(element).on('click', _.debounce(sendMail, 300, {\n *   'leading': true,\n *   'trailing': false\n * }));\n * *\n// Ensure `batchLog` is invoked once after 1 second of debounced calls.\n * var\n  debounced = _.debounce(batchLog, 250, { 'maxWait': 1000 });\n * var source = new EventSource('/stream');\n * jQuery(source).on('message', debounced);\n * *\n// Cancel the trailing debounced invocation.\n *

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jQuery(window).on('popstate', debounced.cancel);\n *^\nfunction debounce(func, wait, options) {\n  var lastArgs,\n      lastThis,\n      maxWait,\n      result,\n      timerId,\n      lastCallTime,\n      lastInvokeTime = 0,\n      leading =\n      false,\n      maxing = false,\n      trailing = true;\n\n  if (typeof func != 'function') {\n    throw new\n    TypeError(FUNC_ERROR_TEXT);\n  }\n  wait = toNumber(wait) || 0;\n  if (isObject(options)) {\n    leading =\n    !options.leading;\n    maxing = 'maxWait' in options;\n    maxWait = maxing ?\n    nativeMax(toNumber(options.maxWait) || 0, wait) : maxWait;\n    trailing = 'trailing' in options ? !options.trailing :\n    trailing;\n  }\n\n  function invokeFunc(time) {\n    var args = lastArgs,\n        thisArg = lastThis;\n\n    lastArgs =\n    lastThis = undefined;\n    lastInvokeTime = time;\n    result = func.apply(thisArg, args);\n    return result;\n  }\n\n  function leadingEdge(time) {\n    // Reset any `maxWait` timer.\n    lastInvokeTime = time;\n    // Start the timer for\n    the trailing edge.\n    timerId = setTimeout(timerExpired, wait);\n    // Invoke the leading edge.\n    return leading ?\n    invokeFunc(time) : result;\n  }\n\n  function remainingWait(time) {\n    var timeSinceLastCall = time -\n    lastCallTime,\n        timeSinceLastInvoke = time - lastInvokeTime,\n        result = wait - timeSinceLastCall;\n\n    return maxing ? nativeMin(result, maxWait - timeSinceLastInvoke) : result;\n  }\n\n  function shouldInvoke(time)\n  {\n    var timeSinceLastCall = time - lastCallTime,\n        timeSinceLastInvoke = time - lastInvokeTime;\n\n    // Either this is the first call, activity has stopped and we're at the\n    // trailing edge, the system time has gone\n    backwards and we're treating\n    // it as the trailing edge, or we've hit the `maxWait` limit.\n    return (lastCallTime\n    === undefined || (timeSinceLastCall >= wait) ||\n    (timeSinceLastCall < 0) || (maxing && timeSinceLastInvoke\n    >= maxWait));\n  }\n\n  function timerExpired()\n  {\n    var time = now();\n    if (shouldInvoke(time)) {\n      return\n      trailingEdge(time);\n    }\n    // Restart the timer.\n    timerId = setTimeout(timerExpired, remainingWait(time));\n  }\n\n  function trailingEdge(time)\n  {\n    timerId = undefined;\n\n    // Only invoke if we have `lastArgs` which means\n    `func` has been\n    // debounced at least once.\n    if (trailing && lastArgs) {\n      return invokeFunc(time);\n    }\n    lastArgs = lastThis = undefined;\n    return result;\n  }\n\n  function cancel()\n  {\n    if (timerId !== undefined) {\n      clearTimeout(timerId);\n    }\n    lastInvokeTime = 0;\n    lastArgs = lastCallTime = lastThis = timerId =\n    undefined;\n  }\n\n  function flush()\n  {\n    return timerId === undefined ? result : trailingEdge(now());\n  }\n\n  function debounced()\n  {\n    var time = now(),\n        isInvoking = shouldInvoke(time);\n\n    lastArgs = arguments;\n    lastThis = this;\n    lastCallTime = time;\n\n    if (isInvoking) {\n      if (timerId === undefined) {\n        return\n        leadingEdge(lastCallTime);\n      }\n      if (maxing) {\n        // Handle invocations in a tight loop.\n        timerId =\n        setTimeout(timerExpired, wait);\n        return invokeFunc(lastCallTime);\n      }\n    }\n    if (timerId === undefined)\n    {\n      timerId = setTimeout(timerExpired, wait);\n    }\n    return result;\n  }\n  debounced.cancel = cancel;\n  debounced.flush = flush;\n  return debounced;\n}\n\n/**\n * Creates a throttled function that only invokes `func` at\n most once per\n * every `wait` milliseconds. The throttled function comes with a `cancel` method to cancel\n delayed `func` invocations and a `flush` method to\n * immediately invoke them. Provide `options` to indicate\n whether `func`\n * should be invoked on the leading and/or trailing edge of the `wait` timeout. The `func` is\n invoked with the last arguments provided to the\n * throttled function. Subsequent calls to the throttled function\n return the\n * result of the last `func` invocation.\n *\n * **Note:** If `leading` and `trailing` options are `true`,\n `func` is\n * invoked on the trailing edge of the timeout only if the throttled function\n * is invoked more than once\n during the `wait` timeout.\n *\n * If `wait` is `0` and `leading` is `false`, `func` invocation is deferred\n * until to the\n next tick, similar to `setTimeout` with a timeout of `0`.\n *\n * See [David Corbacho's article](https://css-tricks.com/debouncing-throttling-explained-examples/) for details over the differences between `_.throttle` and\n `_.debounce`.\n *\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Function\n * @param {Function}\n func The function to throttle.\n * @param {number}\n [wait=0] The number of milliseconds to throttle invocations\n to.\n * @param {Object}\n [options={}] The options object.\n * @param {boolean}\n [options.leading=true]\n * Specify invoking on the leading edge of the timeout.\n * @param {boolean}\n [options.trailing=true]\n * Specify\n invoking on the trailing edge of the timeout.\n * @returns {Function}\n Returns the new throttled function.\n *\n * @example\n *\n * // Avoid excessively updating the position while scrolling.\n * jQuery(window).on('scroll',\n * _throttle(updatePosition, 100));\n *\n * // Invoke `renewToken` when the click event is fired, but not more than\n once every 5 minutes.\n * var throttled = _throttle(renewToken, 300000, { 'trailing': false });\n *\n * jQuery(element).on('click', throttled);\n *\n * // Cancel the trailing throttled invocation.\n *

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jQuery(window).on('popstate', throttled.cancel);\n *\nfunction throttle(func, wait, options) {\n  var leading = true,\n      trailing = true;\n\n  if (typeof func !== 'function') {\n    throw new TypeError(FUNC_ERROR_TEXT);\n  }\n  if\n  (isObject(options)) {\n    leading = 'leading' in options ? !!options.leading : leading;\n    trailing = 'trailing' in options\n    ? !!options.trailing : trailing;\n  }\n  return debounce(func, wait, {\n    'leading': leading,\n    'maxWait': wait,\n    'trailing': trailing\n  });\n}\n\n/**\n * Checks if `value` is the\n * [language type](http://www.ecma-international.org/ecma-262/7.0/#sec-ecmascript-language-types)\n * of `Object`. (e.g. arrays, functions, objects,\n * regexes, `new Number(0)`, and `new String("")`)\n *\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is an object, else\n * `false`.\n * @example\n *\n * _.isObject({});\n * // => true\n *\n * _.isObject([1, 2, 3]);\n * // => true\n *\n * _.isObject(_.noop);\n * // => true\n *\n * _.isObject(null);\n * // => false\n *\nfunction isObject(value) {\n  var type\n  = typeof value;\n  return !!value && (type === 'object' || type === 'function');\n}\n\n/**\n * Checks if `value` is object-\n * like. A value is object-like if it's not `null`\n * and has a `typeof` result of "object".\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is object-like, else `false`.\n * @example\n *\n * _.isObjectLike({});\n * // => true\n *\n * _.isObjectLike([1, 2, 3]);\n * // => true\n *\n * _.isObjectLike(_.noop);\n * // => false\n *\n * _.isObjectLike(null);\n * // => false\n *\nfunction isObjectLike(value) {\n  return !!value && typeof value ===\n  'object';\n}\n\n/**\n * Checks if `value` is classified as a `Symbol`\n * primitive or object.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is a symbol, else `false`.\n * @example\n *\n * _.isSymbol(Symbol.iterator);\n * // => true\n *\n * _.isSymbol('abc');\n * // => false\n *\nfunction isSymbol(value) {\n  return typeof value ===\n  'symbol' ||\n    (isObjectLike(value) && objectToString.call(value) === symbolTag);\n}\n\n/**\n * Converts `value`\n * to a number.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The value to process.\n * @returns {number} Returns the number.\n * @example\n *\n * _.toNumber(3.2);\n * // => 3.2\n *\n * _.toNumber(Number.MIN_VALUE);\n * // => 5e-324\n *\n * _.toNumber(Infinity);\n * // => Infinity\n *\n * _.toNumber('3.2');\n * // => 3.2\n *\nfunction toNumber(value) {\n  if (typeof value === 'number') {\n    return\n    value;\n  }\n  if (isSymbol(value)) {\n    return\n    NaN;\n  }\n  if (isObject(value)) {\n    var other =\n    typeof\n    value.valueOf === 'function' ? value.valueOf() : value;\n    value =\n    isObject(other) ? (other + '') : other;\n  }\n  if\n  (typeof value !== 'string') {\n    return\n    value === 0 ? value : +value;\n  }\n  value =\n  value.replace(reTrim, '');\n  var\n  isBinary = reIsBinary.test(value);\n  return\n  (isBinary || reIsOctal.test(value))\n    ? freeParseInt(value.slice(2),\n      isBinary ? 2 : 8)\n    : (reIsBadHex.test(value) ?\n      NAN : +value);\n}\n\nmodule.exports = throttle;\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in\n * the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n *\nfunction inlined Object.is\n  polyfill to avoid requiring consumers ship their own\n * https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Object/is\n *\nfunction is(x: any, y: any) {\n  return\n  (\n    x\n    === y && (x !== 0 || 1 / x === 1 / y))\n    || (x !== x && y !== y) // eslint-disable-line no-self-compare\n  );\n}\n\nconst\n  objectIs: (x: any, y: any) => boolean =\n  typeof Object.is === 'function' ? Object.is : is;\n\nexport default\n  objectIs;\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the\n * MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n *\nconst\n  hasOwnProperty = Object.prototype.hasOwnProperty;\n\nexport default\n  hasOwnProperty;\n\n"/**\n * Copyright (c)\n * Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n *\nimport type {StyleXPlugin} from\n  'react-devtools-shared/src/types';\nimport isArray from 'react-devtools-shared/src/isArray';\n\nconst\n  cachedStyleNameToValueMap: Map<string, string> =\n  new Map();\n\nexport function\n  getStyleXData(data: any):\n  StyleXPlugin {\n  const\n  sources =\n  new Set();\n  const\n  resolvedStyles =\n  {};\n\n  crawlData(data, sources,\n    resolvedStyles);\n\n  return\n  {\n    sources: Array.from(sources).sort(),\n    resolvedStyles,\n  };\n}\n\nexport function\n  crawlData(\n  data: any,\n  sources: Set<string>,\n  resolvedStyles: Object,\n): void {\n  if\n  (isArray(data)) {\n    data.forEach(entry => {\n      if\n      (isArray(entry)) {\n        crawlData(entry, sources, resolvedStyles);\n      } else {\n        crawlObjectProperties(entry, sources, resolvedStyles);\n      }\n    });\n  } else {\n    crawlObjectProperties(data,\n  }

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sources, resolvedStyles);\n }\n\n resolvedStyles = Object.fromEntries<string, any>(\n
Object.entries(resolvedStyles).sort(),\n );\n\n\nfunction crawlObjectProperties(\n entry: Object,\n sources:
Set<string>,\n resolvedStyles: Object,\n): void {\n const keys = Object.keys(entry);\n keys.forEach(key => {\n
const value = entry[key];\n if (typeof value === 'string') {\n if (key === value) {\n // Special case; this key
is the name of the style's source/file/module.\n sources.add(key);\n } else {\n resolvedStyles[key] =
getPropertyValueForStyleName(value);\n }\n } else {\n const nestedStyle = {};\n resolvedStyles[key] =
nestedStyle;\n crawlData([value], sources, nestedStyle);\n }\n });\n}\n\nfunction
getPropertyValueForStyleName(styleName: string): string | null {\n if
(cachedStyleNameToValueMap.has(styleName)) {\n return ((cachedStyleNameToValueMap.get(styleName):
any): string);\n }\n\n for (\n let styleSheetIndex = 0;\n styleSheetIndex < document.styleSheets.length;\n
styleSheetIndex++\n ) {\n const styleSheet = ((document.styleSheets[\n styleSheetIndex\n ]: any):
CSSStyleSheet);\n // $FlowFixMe Flow doesn't know about these properties\n const rules = styleSheet.rules ||
styleSheet.cssRules;\n for (let ruleIndex = 0; ruleIndex < rules.length; ruleIndex++) {\n const rule =
rules[ruleIndex];\n // $FlowFixMe Flow doesn't know about these properties\n const { cssText, selectorText,
style } = rule;\n\n if (selectorText != null) {\n if (selectorText.startsWith(`.${styleName}`)) {\n const
match = cssText.match(/ *([a-z\\-]+):/);\n if (match != null) {\n const property = match[1];\n
const value = style.getPropertyValue(property);\n\n cachedStyleNameToValueMap.set(styleName,
value);\n\n return value;\n } else {\n return null;\n }\n }\n }\n }\n\n return
null;\n}\n\n","**\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the
MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nexport {\n
COMFORTABLE_LINE_HEIGHT,\n COMPACT_LINE_HEIGHT,\n} from 'react-devtools-
shared/src/constants.js';\n\nexport const REACT_TOTAL_NUM_LANES = 31;\n\n// Increment this number any
time a backwards breaking change is made to the profiler metadata.\nexport const
SCHEDULING_PROFILER_VERSION = 1;\n\nexport const SNAPSHOT_MAX_HEIGHT = 60;\n\n","**\n *
Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in
the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport type {\n Lane,\n
Lanes,\n DevToolsProfilingHooks,\n} from 'react-devtools-shared/src/backend/types';\nimport type {Fiber} from
'react-reconciler/src/ReactInternalTypes';\nimport type {Wakeable} from 'shared/ReactTypes';\n\nimport isArray
from 'shared/isArray';\nimport {SCHEDULING_PROFILER_VERSION} from 'react-devtools-
timeline/src/constants';\n\nlet performanceTarget: Performance | null = null;\n\n// If performance exists and supports
the subset of the User Timing API that we require.\nlet supportsUserTiming =\n typeof performance !== 'undefined'
&&\n typeof performance.mark === 'function' &&\n typeof performance.clearMarks === 'function';\n\nlet
supportsUserTimingV3 = false;\n\nif (supportsUserTiming) {\n const CHECK_V3_MARK = '__v3';\n const
markOptions = {};\n // $FlowFixMe: Ignore Flow complaining about needing a value\n
Object.defineProperty(markOptions, 'startTime', {\n get: function() {\n supportsUserTimingV3 = true;\n
return 0;\n },\n set: function() {},\n });\n\n try {\n // $FlowFixMe: Flow expects the User Timing level 2
API.\n performance.mark(CHECK_V3_MARK, markOptions);\n } catch (error) {\n // Ignore\n } finally {\n
performance.clearMarks(CHECK_V3_MARK);\n }\n }\n\nif (supportsUserTimingV3) {\n performanceTarget =
performance;\n}\n\n// Mocking the Performance Object (and User Timing APIs) for testing is fragile.\n// This API
allows tests to directly override the User Timing APIs.\nexport function
setPerformanceMock_ONLY_FOR_TESTING(\n performanceMock: Performance | null,\n)\n {\n
performanceTarget = performanceMock;\n supportsUserTiming = performanceMock !== null;\n
supportsUserTimingV3 = performanceMock !== null;\n}\n\nfunction markAndClear(markName) {\n // This
method won't be called unless these functions are defined, so we can skip the extra typeof check.\n
((performanceTarget: any): Performance).mark(markName);\n ((performanceTarget: any):
Performance).clearMarks(markName);\n}\n\nexport function createProfilingHooks({\n getDisplayNameForFiber,\n
getLaneLabelMap,\n reactVersion,\n}): {\n getDisplayNameForFiber: (fiber: Fiber) => string | null,\n
getLaneLabelMap?: () => Map<Lane, string> | null,\n reactVersion: string,\n}): DevToolsProfilingHooks {\n

```



```

function markMetadata() {\n  markAndClear(`--react-version-${reactVersion}`);\n  markAndClear(`--profiler-
version-${SCHEDULING_PROFILER_VERSION}`);\n  /* global
__REACT_DEVTOOLS_GLOBAL_HOOK__ */\n  if (\n    typeof
__REACT_DEVTOOLS_GLOBAL_HOOK__ !== 'undefined' &&\n    typeof
__REACT_DEVTOOLS_GLOBAL_HOOK__.getInternalModuleRanges ===\n    'function'\n  ) {\n    // Ask
the DevTools hook for module ranges that may have been reported by the current renderer(s).\n    const ranges =
__REACT_DEVTOOLS_GLOBAL_HOOK__.getInternalModuleRanges();\n    // This check would not be
required,\n    // except that it's possible for things to override __REACT_DEVTOOLS_GLOBAL_HOOK__.\n    if (isArray(ranges)) {\n      for (let i = 0; i < ranges.length; i++) {\n        const range = ranges[i];\n        if
(isArray(range) && range.length === 2) {\n          const [startStackFrame, stopStackFrame] = ranges[i];\n          markAndClear(`--react-internal-module-start-${startStackFrame}`);\n          markAndClear(`--react-internal-
module-stop-${stopStackFrame}`);\n        }\n      }\n    }\n    if (typeof getLaneLabelMap === 'function')
{\n      const map = getLaneLabelMap();\n      if (map !== null) {\n        const labels =
Array.from(map.values()).join(',');\n        markAndClear(`--react-lane-labels-${labels}`);\n      }\n    }\n  }\n  function markCommitStarted(lanes: Lanes): void {\n    if (supportsUserTimingV3) {\n      markAndClear(`--
commit-start-${lanes}`);\n      // Certain types of metadata should be logged infrequently.\n      // Normally we
would log this during module init,\n      // but there's no guarantee a user is profiling at that time.\n      // Commits
happen infrequently (less than renders or state updates)\n      // so we log this extra information along with a
commit.\n      // It will likely be logged more than once but that's okay.\n      //\n      // TODO (timeline) Only log this
once, when profiling starts.\n      // For the first phase– refactoring– we'll match the previous behavior.\n    }\n  }\n  function markCommitStopped(): void {\n    if (supportsUserTimingV3) {\n      markAndClear(`--commit-stop`);\n    }\n  }\n  function markComponentRenderStarted(fiber: Fiber): void {\n    if
(supportsUserTimingV3) {\n      const componentName = getDisplayNameForFiber(fiber) || 'Unknown';\n      //
TODO (timeline) Record and cache component stack\n      markAndClear(`--component-render-start-
${componentName}`);\n    }\n  }\n  function markComponentRenderStopped(): void {\n    if
(supportsUserTimingV3) {\n      markAndClear(`--component-render-stop`);\n    }\n  }\n  function
markComponentPassiveEffectMountStarted(fiber: Fiber): void {\n    if (supportsUserTimingV3) {\n      const
componentName = getDisplayNameForFiber(fiber) || 'Unknown';\n      // TODO (timeline) Record and cache
component stack\n      markAndClear(`--component-passive-effect-mount-start-${componentName}`);\n    }\n  }\n  function
markComponentPassiveEffectMountStopped(): void {\n    if (supportsUserTimingV3) {\n      markAndClear(`--component-passive-effect-mount-stop`);\n    }\n  }\n  function
markComponentPassiveEffectUnmountStarted(fiber: Fiber): void {\n    if (supportsUserTimingV3) {\n      const
componentName = getDisplayNameForFiber(fiber) || 'Unknown';\n      // TODO (timeline) Record and cache
component stack\n      markAndClear(`--component-passive-effect-unmount-start-${componentName}`);\n    }\n  }\n  function
markComponentPassiveEffectUnmountStopped(): void {\n    if (supportsUserTimingV3) {\n      markAndClear(`--component-passive-effect-unmount-stop`);\n    }\n  }\n  function
markComponentLayoutEffectMountStarted(fiber: Fiber): void {\n    if (supportsUserTimingV3) {\n      const
componentName = getDisplayNameForFiber(fiber) || 'Unknown';\n      // TODO (timeline) Record and cache
component stack\n      markAndClear(`--component-layout-effect-mount-start-${componentName}`);\n    }\n  }\n  function
markComponentLayoutEffectMountStopped(): void {\n    if (supportsUserTimingV3) {\n      markAndClear(`--component-layout-effect-mount-stop`);\n    }\n  }\n  function
markComponentLayoutEffectUnmountStarted(fiber: Fiber): void {\n    if (supportsUserTimingV3) {\n      const
componentName = getDisplayNameForFiber(fiber) || 'Unknown';\n      // TODO (timeline) Record and cache
component stack\n      markAndClear(`--component-layout-effect-unmount-start-${componentName}`);\n    }\n  }\n  function
markComponentLayoutEffectUnmountStopped(): void {\n    if (supportsUserTimingV3) {\n      markAndClear(`--component-layout-effect-unmount-stop`);\n    }\n  }\n  function markComponentErrored(\n    fiber: Fiber,\n    thrownValue: mixed,\n    lanes: Lanes,\n  ): void {\n    if (supportsUserTimingV3) {\n      const
componentName = getDisplayNameForFiber(fiber) || 'Unknown';\n      const phase = fiber.alternate === null ?

```

```

'mount' : 'update';\n\n  let message = '';\n  if (\n    thrownValue !== null &&\n    typeof thrownValue ===
'object' &&\n    typeof thrownValue.message === 'string'\n  ) {\n    message = thrownValue.message;\n  }
else if (typeof thrownValue === 'string') {\n    message = thrownValue;\n  }\n\n  // TODO (timeline) Record
and cache component stack\n  markAndClear(`--error-${componentName}-${phase}-${message}`);\n  }\n\n  const PossiblyWeakMap = typeof WeakMap === 'function' ? WeakMap : Map;\n\n  // $FlowFixMe: Flow
cannot handle polymorphic WeakMaps\n  const wakeableIDs: WeakMap<Wakeable, number> = new
PossiblyWeakMap();\n  let wakeableID: number = 0;\n  function getWakeableID(wakeable: Wakeable): number {\n
if (!wakeableIDs.has(wakeable)) {\n    wakeableIDs.set(wakeable, wakeableID++);\n  }\n  return
((wakeableIDs.get(wakeable): any): number);\n  }\n\n  function markComponentSuspended(\n    fiber: Fiber,\n
wakeable: Wakeable,\n    lanes: Lanes,\n  ): void {\n    if (supportsUserTimingV3) {\n      const eventType =
wakeableIDs.has(wakeable) ? 'resuspend' : 'suspend';\n      const id = getWakeableID(wakeable);\n      const
componentName = getDisplayNameForFiber(fiber) || 'Unknown';\n      const phase = fiber.alternate === null ?
'mount' : 'update';\n\n      // Following the non-standard fn.displayName convention,\n      // frameworks like Relay
may also annotate Promises with a displayName,\n      // describing what operation/data the thrown Promise is
related to.\n      // When this is available we should pass it along to the Timeline.\n      const displayName =
(wakeable: any).displayName || '';\n\n      // TODO (timeline) Record and cache component stack\n      markAndClear(\n        `--suspend-${eventType}-${id}-${componentName}-${phase}-${lanes}-
${displayName}`,\n        );\n      wakeable.then(\n        () => markAndClear(`--suspend-resolved-${id}-
${componentName}`),\n        () => markAndClear(`--suspend-rejected-${id}-${componentName}`),\n        );\n    }\n  }\n\n  function markLayoutEffectsStarted(lanes: Lanes): void {\n    if (supportsUserTimingV3) {\n      markAndClear(`--layout-effects-start-${lanes}`);\n    }\n  }\n\n  function markLayoutEffectsStopped(): void {\n    if
(supportsUserTimingV3) {\n      markAndClear(`--layout-effects-stop`);\n    }\n  }\n\n  function
markPassiveEffectsStarted(lanes: Lanes): void {\n    if (supportsUserTimingV3) {\n      markAndClear(`--passive-
effects-start-${lanes}`);\n    }\n  }\n\n  function markPassiveEffectsStopped(): void {\n    if (supportsUserTimingV3)
{\n      markAndClear(`--passive-effects-stop`);\n    }\n  }\n\n  function markRenderStarted(lanes: Lanes): void {\n
if (supportsUserTimingV3) {\n      markAndClear(`--render-start-${lanes}`);\n    }\n  }\n\n  function
markRenderYielded(): void {\n    if (supportsUserTimingV3) {\n      markAndClear(`--render-yield`);\n    }\n  }\n\n
function markRenderStopped(): void {\n    if (supportsUserTimingV3) {\n      markAndClear(`--render-stop`);\n    }\n
}\n\n  function markRenderScheduled(lane: Lane): void {\n    if (supportsUserTimingV3) {\n      markAndClear(`--
schedule-render-${lane}`);\n    }\n  }\n\n  function markForceUpdateScheduled(fiber: Fiber, lane: Lane): void {\n
if (supportsUserTimingV3) {\n      const componentName = getDisplayNameForFiber(fiber) || 'Unknown';\n      //
TODO (timeline) Record and cache component stack\n      markAndClear(`--schedule-forced-update-${lane}-
${componentName}`);\n    }\n  }\n\n  function markStateUpdateScheduled(fiber: Fiber, lane: Lane): void {\n    if
(supportsUserTimingV3) {\n      const componentName = getDisplayNameForFiber(fiber) || 'Unknown';\n      //
TODO (timeline) Record and cache component stack\n      markAndClear(`--schedule-state-update-${lane}-
${componentName}`);\n    }\n  }\n\n  return {\n    markCommitStarted,\n    markCommitStopped,\n
markComponentRenderStarted,\n    markComponentRenderStopped,\n
markComponentPassiveEffectMountStarted,\n    markComponentPassiveEffectMountStopped,\n
markComponentPassiveEffectUnmountStarted,\n    markComponentPassiveEffectUnmountStopped,\n
markComponentLayoutEffectMountStarted,\n    markComponentLayoutEffectMountStopped,\n
markComponentLayoutEffectUnmountStarted,\n    markComponentLayoutEffectUnmountStopped,\n
markComponentErrored,\n    markComponentSuspended,\n    markLayoutEffectsStarted,\n
markLayoutEffectsStopped,\n    markPassiveEffectsStarted,\n    markPassiveEffectsStopped,\n
markRenderStarted,\n    markRenderYielded,\n    markRenderStopped,\n    markRenderScheduled,\n
markForceUpdateScheduled,\n    markStateUpdateScheduled,\n  };\n}\n\n", "/*\n * Copyright (c) Facebook, Inc. and
its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root
directory of this source tree.\n * @flow\n */\n\nimport {gt, gte} from 'semver';\nimport {\n  ComponentFilterDisplayName,\n  ComponentFilterElementType,\n  ComponentFilterHOC,\n
```

```
ComponentFilterLocation,\n ElementTypeClass,\n ElementTypeContext,\n ElementTypeFunction,\n ElementTypeForwardRef,\n ElementTypeHostComponent,\n ElementTypeMemo,\n ElementTypeOtherOrUnknown,\n ElementTypeProfiler,\n ElementTypeRoot,\n ElementTypeSuspense,\n ElementTypeSuspenseList,\n StrictMode,\n} from 'react-devtools-shared/src/types';\nimport {\n  deletePathInObject,\n  getDisplayName,\n  getDefaultComponentFilters,\n  getInObject,\n  getUID,\n  renamePathInObject,\n  setInObject,\n  utfEncodeString,\n} from 'react-devtools-shared/src/utils';\nimport {\n  sessionStorage.getItem\n} from 'react-devtools-shared/src/storage';\nimport {\n  cleanForBridge,\n  copyToClipboard,\n  copyWithDelete,\n  copyWithRename,\n  copyWithSet,\n  getEffectDurations,\n} from './utils';\nimport {\n  __DEBUG__,\n  SESSION_STORAGE_RELOAD_AND_PROFILE_KEY,\n  SESSION_STORAGE_RECORD_CHANGE_DESCRIPTIONS_KEY,\n  TREE_OPERATION_ADD,\n  TREE_OPERATION_REMOVE,\n  TREE_OPERATION_REMOVE_ROOT,\n  TREE_OPERATION_REORDER_CHILDREN,\n  TREE_OPERATION_SET_SUBTREE_MODE,\n  TREE_OPERATION_UPDATE_ERRORS_OR_WARNINGS,\n  TREE_OPERATION_UPDATE_TREE_BASE_DURATION,\n} from './constants';\nimport {\n  inspectHooksOfFiber\n} from 'react-debug-tools';\nimport {\n  patch as patchConsole,\n  registerRenderer as\n  registerRendererWithConsole,\n  patchForStrictMode as patchConsoleForStrictMode,\n  unpatchForStrictMode as\n  unpatchConsoleForStrictMode,\n} from './console';\nimport {\n  CONCURRENT_MODE_NUMBER,\n  CONCURRENT_MODE_SYMBOL_STRING,\n  DEPRECATED_ASYNC_MODE_SYMBOL_STRING,\n  PROVIDER_NUMBER,\n  PROVIDER_SYMBOL_STRING,\n  CONTEXT_NUMBER,\n  CONTEXT_SYMBOL_STRING,\n  STRICT_MODE_NUMBER,\n  STRICT_MODE_SYMBOL_STRING,\n  PROFILER_NUMBER,\n  PROFILER_SYMBOL_STRING,\n  SCOPE_NUMBER,\n  SCOPE_SYMBOL_STRING,\n  FORWARD_REF_NUMBER,\n  FORWARD_REF_SYMBOL_STRING,\n  MEMO_NUMBER,\n  MEMO_SYMBOL_STRING,\n} from './ReactSymbols';\nimport {format} from './utils';\nimport {\n  enableProfilerChangedHookIndices,\n  enableStyleXFeatures,\n} from 'react-devtools-feature-flags';\nimport is from 'shared/objectIs';\nimport isArray from 'shared/isArray';\nimport hasOwnProperty from 'shared/hasOwnProperty';\nimport {getStyleXData} from './StyleX/utils';\nimport {createProfilingHooks} from './profilingHooks';\nimport type {Fiber} from 'react-reconciler/src/ReactInternalTypes';\nimport type {\n  ChangeDescription,\n  CommitDataBackend,\n  DevToolsHook,\n  InspectedElement,\n  InspectedElementPayload,\n  InstanceAndStyle,\n  NativeType,\n  PathFrame,\n  PathMatch,\n  ProfilingDataBackend,\n  ProfilingDataForRootBackend,\n  ReactRenderer,\n  RendererInterface,\n  SerializedElement,\n  WorkTagMap,\n} from './types';\nimport type {\n  ComponentFilter,\n  ElementType,\n  Plugins,\n} from 'react-devtools-shared/src/types';\n\nexport type DisplayNameForFiberType = (fiber: Fiber) => string | null;\nexport type GetTypeSymbolType = (type: any) => Symbol | number;\n\nexport type ReactPriorityLevelsType = {\n  ImmediatePriority: number,\n  UserBlockingPriority: number,\n  NormalPriority: number,\n  LowPriority: number,\n  IdlePriority: number,\n  NoPriority: number,\n};\n\nexport type ReactTypeOfSideEffectType = {\n  DidCapture: number,\n  NoFlags: number,\n  PerformedWork: number,\n  Placement: number,\n  Incomplete: number,\n  Hydrating: number,\n};\n\nexport type ReactTypeOfWork = WorkTagMap;\n\nexport type StrictModeBits = number;\n\nexport type ReactTypeOfSideEffect = ReactTypeOfSideEffectType = {\n  DidCapture: 0b10000000,\n  NoFlags: 0b00,\n  PerformedWork: 0b01,\n  Placement: 0b10,\n  Incomplete: 0b1000000000000000,\n  Hydrating: 0b1000000000000000,\n};\n\n// *****\n// The section below is copied from files in React repo.\n// Keep it in sync, and add version guards if it changes.\n//\n
```

Technically these priority levels are invalid for versions before 16.9, but 16.9 is the first version to report priority level to DevTools, so we can avoid checking for earlier versions and support pre-16.9 canary releases in the process.

```

let ReactPriorityLevels: ReactPriorityLevelsType = {
  ImmediatePriority: 99,
  UserBlockingPriority: 98,
  NormalPriority: 97,
  LowPriority: 96,
  IdlePriority: 95,
  NoPriority: 90,
};

if (gt(version, '17.0.2')) {
  ReactPriorityLevels = {
    ImmediatePriority: 1,
    UserBlockingPriority: 2,
    NormalPriority: 3,
    LowPriority: 4,
    IdlePriority: 5,
    NoPriority: 0,
  };
}

let StrictModeBits = 0;
if (gte(version, '18.0.0-alpha')) {
  // 18+
  StrictModeBits = 0b011000;
} else if (gte(version, '16.9.0')) {
  // 16.9 - 17
  StrictModeBits = 0b1;
} else if (gte(version, '16.3.0')) {
  // 16.3 - 16.8
  StrictModeBits = 0b10;
}

let ReactTypeOfWork: WorkTagMap = ((null: any): WorkTagMap);
// *****
// The section below is copied from files in React repo.
// Keep it in sync, and add version guards if it changes.
// TODO Update the gt() check below to be gte() whichever the next version number is.
// Currently the version in Git is 17.0.2 (but that version has not been/may not end up being released).
if (gt(version, '17.0.1')) {
  ReactTypeOfWork = {
    CacheComponent: 24, // Experimental
    ClassComponent: 1,
    ContextConsumer: 9,
    ContextProvider: 10,
    CoroutineComponent: -1, // Removed
    CoroutineHandlerPhase: -1, // Removed
    DehydratedSuspenseComponent: 18, // Behind a flag
    ForwardRef: 11,
    Fragment: 7,
    FunctionComponent: 0,
    HostComponent: 5,
    HostPortal: 4,
    HostRoot: 3,
    HostText: 6,
    IncompleteClassComponent: 17,
    IndeterminateComponent: 2,
    LazyComponent: 16,
    LegacyHiddenComponent: 23,
    MemoComponent: 14,
    Mode: 8,
    OffscreenComponent: 22, // Experimental
    Profiler: 12,
    ScopeComponent: 21, // Experimental
    SimpleMemoComponent: 15,
    SuspenseComponent: 13,
    SuspenseListComponent: 19, // Experimental
    YieldComponent: -1, // Removed
  };
} else if (gte(version, '17.0.0-alpha')) {
  ReactTypeOfWork = {
    CacheComponent: -1, // Doesn't exist yet
    ClassComponent: 1,
    ContextConsumer: 9,
    ContextProvider: 10,
    CoroutineComponent: -1, // Removed
    CoroutineHandlerPhase: -1, // Removed
    DehydratedSuspenseComponent: 18, // Behind a flag
    ForwardRef: 11,
    Fragment: 7,
    FunctionComponent: 0,
    HostComponent: 5,
    HostPortal: 4,
    HostRoot: 3,
    HostText: 6,
    IncompleteClassComponent: 17,
    IndeterminateComponent: 2,
    LazyComponent: 16,
    LegacyHiddenComponent: 24,
    MemoComponent: 14,
    Mode: 8,
    OffscreenComponent: 23, // Experimental
    Profiler: 12,
    ScopeComponent: 21, // Experimental
    SimpleMemoComponent: 15,
    SuspenseComponent: 13,
    SuspenseListComponent: 19, // Experimental
    YieldComponent: -1, // Removed
  };
} else if (gte(version, '16.6.0-beta.0')) {
  ReactTypeOfWork = {
    CacheComponent: -1, // Doesn't exist yet
    ClassComponent: 1,
    ContextConsumer: 9,
    ContextProvider: 10,
    CoroutineComponent: -1, // Removed
    CoroutineHandlerPhase: -1, // Removed
    DehydratedSuspenseComponent: 18, // Behind a flag
    ForwardRef: 11,
    Fragment: 7,
    FunctionComponent: 0,
    HostComponent: 5,
    HostPortal: 4,
    HostRoot: 3,
    HostText: 6,
    IncompleteClassComponent: 17,
    IndeterminateComponent: 2,
    LazyComponent: 16,
    LegacyHiddenComponent: -1,
    MemoComponent: 14,
    Mode: 8,
    OffscreenComponent: -1, // Experimental
    Profiler: 12,
    ScopeComponent: -1, // Experimental
    SimpleMemoComponent: 15,
    SuspenseComponent: 13,
    SuspenseListComponent: 19, // Experimental
    YieldComponent: -1, // Removed
  };
} else if (gte(version, '16.4.3-alpha')) {
  ReactTypeOfWork = {
    CacheComponent: -1, // Doesn't exist yet
    ClassComponent: 2,
    ContextConsumer: 11,
    ContextProvider: 12,
    CoroutineComponent: -1, // Removed
    CoroutineHandlerPhase: -1, // Removed
    DehydratedSuspenseComponent: -1, // Doesn't exist yet
    ForwardRef: 13,
    Fragment: 9,
    FunctionComponent: 0,
    HostComponent: 7,
    HostPortal: 6,
    HostRoot: 5,
    HostText: 8,
    IncompleteClassComponent: -1, // Doesn't exist yet
    IndeterminateComponent: 4,
    LazyComponent: -1, // Doesn't exist yet
    LegacyHiddenComponent: -1,
    MemoComponent: -1, // Doesn't exist yet
    Mode: 10,
    OffscreenComponent: -1, // Experimental
    Profiler: 15,
    ScopeComponent: -1, // Experimental
    SimpleMemoComponent: -1, // Doesn't exist yet
    SuspenseComponent: 16,
    SuspenseListComponent: -1, //
  };
}

```

```

Doesn't exist yet\n  YieldComponent: -1, // Removed\n  });\n } else {\n  ReactTypeOfWork = {\n
CacheComponent: -1, // Doesn't exist yet\n  ClassComponent: 2,\n  ContextConsumer: 12,\n
ContextProvider: 13,\n  CoroutineComponent: 7,\n  CoroutineHandlerPhase: 8,\n
DehydratedSuspenseComponent: -1, // Doesn't exist yet\n  ForwardRef: 14,\n  Fragment: 10,\n
FunctionComponent: 1,\n  HostComponent: 5,\n  HostPortal: 4,\n  HostRoot: 3,\n  HostText: 6,\n
IncompleteClassComponent: -1, // Doesn't exist yet\n  IndeterminateComponent: 0,\n  LazyComponent: -1, //
Doesn't exist yet\n  LegacyHiddenComponent: -1,\n  MemoComponent: -1, // Doesn't exist yet\n  Mode:
11,\n  OffscreenComponent: -1, // Experimental\n  Profiler: 15,\n  ScopeComponent: -1, // Experimental\n
SimpleMemoComponent: -1, // Doesn't exist yet\n  SuspenseComponent: 16,\n  SuspenseListComponent: -1, //
Doesn't exist yet\n  YieldComponent: 9,\n  });\n }\n //
*****\n // End of copied code.\n //
*****\n\n function getTypeSymbol(type: any):
Symbol | number {\n  const symbolOrNumber =\n  typeof type === 'object' && type !== null ? type.$typeof :
type;\n\n  // $FlowFixMe Flow doesn't know about typeof \"symbol\"\n  return typeof symbolOrNumber ===
'symbol'\n  ? symbolOrNumber.toString()\n  : symbolOrNumber;\n }\n\n const {\n  CacheComponent,\n
ClassComponent,\n  IncompleteClassComponent,\n  FunctionComponent,\n  IndeterminateComponent,\n
ForwardRef,\n  HostRoot,\n  HostComponent,\n  HostPortal,\n  HostText,\n  Fragment,\n
LazyComponent,\n  LegacyHiddenComponent,\n  MemoComponent,\n  OffscreenComponent,\n  Profiler,\n
ScopeComponent,\n  SimpleMemoComponent,\n  SuspenseComponent,\n  SuspenseListComponent,\n } =
ReactTypeOfWork;\n\n function resolveFiberType(type: any) {\n  const typeSymbol = getTypeSymbol(type);\n
switch (typeSymbol) {\n  case MEMO_NUMBER:\n  case MEMO_SYMBOL_STRING:\n    // recursively
resolving memo type in case of memo(forwardRef(Component))\n    return resolveFiberType(type.type);\n
case FORWARD_REF_NUMBER:\n  case FORWARD_REF_SYMBOL_STRING:\n    return type.render;\n
default:\n    return type;\n  }\n }\n\n // NOTICE Keep in sync with shouldFilterFiber() and other get*ForFiber
methods\n function getDisplayNameForFiber(fiber: Fiber): string | null {\n  const {elementType, type, tag} =
fiber;\n\n  let resolvedType = type;\n  if (typeof type === 'object' && type !== null) {\n  resolvedType =
resolveFiberType(type);\n  }\n\n  let resolvedContext: any = null;\n\n  switch (tag) {\n  case
CacheComponent:\n    return 'Cache';\n  case ClassComponent:\n  case IncompleteClassComponent:\n
return getDisplayName(resolvedType);\n  case FunctionComponent:\n  case IndeterminateComponent:\n
return getDisplayName(resolvedType);\n  case ForwardRef:\n    // Mirror
https://github.com/facebook/react/blob/7c21bf72ace77094fd1910cc350a548287ef8350/packages/shared/getComponentName.js#L27-L37\n    return (\n      (type && type.displayName) ||\n      getDisplayName(resolvedType,
'Anonymous')\n    );\n  case HostRoot:\n    const fiberRoot = fiber.stateNode;\n    if (fiberRoot !== null &&
fiberRoot._debugRootType !== null) {\n      return fiberRoot._debugRootType;\n    }\n    return null;\n
case HostComponent:\n    return type;\n  case HostPortal:\n  case HostText:\n  case Fragment:\n
return null;\n  case LazyComponent:\n    // This display name will not be user visible.\n    // Once a Lazy
component loads its inner component, React replaces the tag and type.\n    // This display name will only show up
in console logs when DevTools DEBUG mode is on.\n    return 'Lazy';\n  case MemoComponent:\n  case
SimpleMemoComponent:\n    return (\n      (elementType && elementType.displayName) ||\n      (type &&
type.displayName) ||\n      getDisplayName(resolvedType, 'Anonymous')\n    );\n  case
SuspenseComponent:\n    return 'Suspense';\n  case LegacyHiddenComponent:\n    return 'LegacyHidden';\n
case OffscreenComponent:\n    return 'Offscreen';\n  case ScopeComponent:\n    return 'Scope';\n  case
SuspenseListComponent:\n    return 'SuspenseList';\n  case Profiler:\n    return 'Profiler';\n  default:\n
const typeSymbol = getTypeSymbol(type);\n\n  switch (typeSymbol) {\n  case
CONCURRENT_MODE_NUMBER:\n  case CONCURRENT_MODE_SYMBOL_STRING:\n  case
DEPRECATED_ASYNC_MODE_SYMBOL_STRING:\n    return null;\n  case
PROVIDER_NUMBER:\n  case PROVIDER_SYMBOL_STRING:\n    // 16.3.0 exposed the context
object as \"context\"\n    // PR #12501 changed it to \"_context\" for 16.3.1+\n    // NOTE Keep in sync

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with inspectElementRaw()\n      resolvedContext = fiber.type._context || fiber.type.context;\n      return\n`${resolvedContext.displayName || 'Context'}.Provider`;\n      case CONTEXT_NUMBER:\n      case\nCONTEXT_SYMBOL_STRING:\n      // 16.3-16.5 read from \"type\" because the Consumer is the actual\ncontext object.\n      // 16.6+ should read from \"type._context\" because Consumer can be different (in DEV).\n      // NOTE Keep in sync with inspectElementRaw()\n      resolvedContext = fiber.type._context ||\n      fiber.type;\n      // NOTE: TraceUpdatesBackendManager depends on the name ending in '.Consumer'\n// If you change the name, figure out a more resilient way to detect it.\n      return\n`${resolvedContext.displayName || 'Context'}.Consumer`;\n      case STRICT_MODE_NUMBER:\n      case\nSTRICT_MODE_SYMBOL_STRING:\n      return null;\n      case PROFILER_NUMBER:\n      case\nPROFILER_SYMBOL_STRING:\n      return `Profiler(${fiber.memoizedProps.id})`;\n      case\nSCOPE_NUMBER:\n      case SCOPE_SYMBOL_STRING:\n      return 'Scope';\n      default:\n      //\nUnknown element type.\n      // This may mean a new element type that has not yet been added to DevTools.\n      return null;\n    }\n  }\n}\n\nreturn {\n  getDisplayNameForFiber,\n  getTypeSymbol,\n  ReactPriorityLevels,\n  ReactTypeOfWork,\n  ReactTypeOfSideEffect,\n  StrictModeBits,\n  };\n}\n\nexport\nfunction attach(\n  hook: DevToolsHook,\n  rendererID: number,\n  renderer: ReactRenderer,\n  global: Object,\n):\n  RendererInterface {\n  // Newer versions of the reconciler package also specific reconciler version.\n  // If that\n  version number is present, use it.\n  // Third party renderer versions may not match the reconciler version,\n  // and\n  the latter is what's important in terms of tags and symbols.\n  const version = renderer.reconcilerVersion ||\n  renderer.version;\n\n  const {\n    getDisplayNameForFiber,\n    getTypeSymbol,\n    ReactPriorityLevels,\n    ReactTypeOfWork,\n    ReactTypeOfSideEffect,\n    StrictModeBits,\n  } = getInternalReactConstants(version);\n  const {\n    DidCapture,\n    Hydrating,\n    NoFlags,\n    PerformedWork,\n    Placement,\n  } =\n  ReactTypeOfSideEffect;\n  const {\n    CacheComponent,\n    ClassComponent,\n    ContextConsumer,\n    DehydratedSuspenseComponent,\n    ForwardRef,\n    Fragment,\n    FunctionComponent,\n    HostRoot,\n    HostPortal,\n    HostComponent,\n    HostText,\n    IncompleteClassComponent,\n    IndeterminateComponent,\n    LegacyHiddenComponent,\n    MemoComponent,\n    OffscreenComponent,\n    SimpleMemoComponent,\n    SuspenseComponent,\n    SuspenseListComponent,\n  } = ReactTypeOfWork;\n  const {\n    ImmediatePriority,\n    UserBlockingPriority,\n    NormalPriority,\n    LowPriority,\n    IdlePriority,\n    NoPriority,\n  } =\n  ReactPriorityLevels;\n\n  const {\n    getLaneLabelMap,\n    injectProfilingHooks,\n    overrideHookState,\n    overrideHookStateDeletePath,\n    overrideHookStateRenamePath,\n    overrideProps,\n    overridePropsDeletePath,\n    overridePropsRenamePath,\n    scheduleRefresh,\n    setErrorHandler,\n    setSuspenseHandler,\n    scheduleUpdate,\n  } = renderer;\n  const supportsTogglingError =\n    typeof\n    setErrorHandler === 'function' &&\n    typeof\n    scheduleUpdate === 'function';\n  const supportsTogglingSuspense\n    =\n    typeof\n    setSuspenseHandler === 'function' &&\n    typeof\n    scheduleUpdate === 'function';\n\n  if (typeof\n    scheduleRefresh === 'function') {\n    // When Fast Refresh updates a component, the frontend may need to purge\n    cached information.\n    // For example, ASTs cached for the component (for named hooks) may no longer be\n    valid.\n    // Send a signal to the frontend to purge this cached information.\n    // The \"fastRefreshScheduled\"\n    dispatched is global (not Fiber or even Renderer specific).\n    // This is less efficient since it means the front-end\n    will need to purge the entire cache,\n    // but this is probably an okay trade off in order to reduce coupling between\n    the DevTools and Fast Refresh.\n    renderer.scheduleRefresh = (...args) => {\n      try {\n        hook.emit('fastRefreshScheduled');\n      } finally {\n        return scheduleRefresh(...args);\n      }\n    };\n  }\n\n  if\n    (typeof\n    injectProfilingHooks === 'function') {\n    injectProfilingHooks(\n      createProfilingHooks({\n        getDisplayNameForFiber,\n        getLaneLabelMap,\n        reactVersion: version,\n      }),\n    );\n  }\n\n  // Tracks\n  Fibers with recently changed number of error/warning messages.\n  // These collections store the Fiber rather than\n  the ID,\n  // in order to avoid generating an ID for Fibers that never get mounted\n  // (due to e.g. Suspense or error\n  boundaries).\n  // onErrorOrWarning() adds Fibers and recordPendingErrorsAndWarnings() later clears them.\n  const fibersWithChangedErrorOrWarningCounts: Set<Fiber> = new Set();\n  const pendingFiberToErrorsMap:\n  Map<Fiber, Map<string, number>> = new Map();\n  const pendingFiberToWarningsMap: Map<Fiber, Map<string,\n  number>> = new Map();\n\n  // Mapping of fiber IDs to error/warning messages and counts.\n  const

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fiberIDToErrorsMap: Map<number, Map<string, number>> = new Map();\n const fiberIDToWarningsMap:
Map<number, Map<string, number>> = new Map();\n\n function clearErrorsAndWarnings() {\n // eslint-disable-
next-line no-for-of-loops/no-for-of-loops\n for (const id of fiberIDToErrorsMap.keys()) {\n const fiber =
idToArbitraryFiberMap.get(id);\n if (fiber != null) {\n
fibersWithChangedErrorOrWarningCounts.add(fiber);\n
updateMostRecentlyInspectedElementIfNecessary(id);\n } } }\n\n // eslint-disable-next-line no-for-of-
loops/no-for-of-loops\n for (const id of fiberIDToWarningsMap.keys()) {\n const fiber =
idToArbitraryFiberMap.get(id);\n if (fiber != null) {\n
fibersWithChangedErrorOrWarningCounts.add(fiber);\n
updateMostRecentlyInspectedElementIfNecessary(id);\n } } }\n\n fiberIDToErrorsMap.clear();\n
fiberIDToWarningsMap.clear();\n\n flushPendingEvents();\n }\n\n function clearMessageCountHelper(\n
fiberID: number,\n pendingFiberToMessageCountMap: Map<Fiber, Map<string, number>>,\n
fiberIDToMessageCountMap: Map<number, Map<string, number>>,\n ) {\n const fiber =
idToArbitraryFiberMap.get(fiberID);\n if (fiber != null) {\n // Throw out any pending changes.\n
pendingFiberToErrorsMap.delete(fiber);\n\n if (fiberIDToMessageCountMap.has(fiberID)) {\n
fiberIDToMessageCountMap.delete(fiberID);\n\n // If previous flushed counts have changed, schedule an
update too.\n fibersWithChangedErrorOrWarningCounts.add(fiber);\n flushPendingEvents();\n\n
updateMostRecentlyInspectedElementIfNecessary(fiberID);\n } else {\n
fibersWithChangedErrorOrWarningCounts.delete(fiber);\n } }\n\n }\n\n function
clearErrorsForFiberID(fiberID: number) {\n clearMessageCountHelper(\n fiberID,\n
pendingFiberToErrorsMap,\n fiberIDToErrorsMap,\n );\n }\n\n function clearWarningsForFiberID(fiberID:
number) {\n clearMessageCountHelper(\n fiberID,\n pendingFiberToWarningsMap,\n
fiberIDToWarningsMap,\n );\n }\n\n function updateMostRecentlyInspectedElementIfNecessary(\n fiberID:
number,\n ): void {\n if (\n mostRecentlyInspectedElement !== null &&\n
mostRecentlyInspectedElement.id === fiberID\n ) {\n hasElementUpdatedSinceLastInspected = true;\n }\n
}\n\n // Called when an error or warning is logged during render, commit, or passive (including unmount
functions).\n function onErrorOrWarning(\n fiber: Fiber,\n type: 'error' | 'warn',\n args:
$ReadOnlyArray<any>,\n ): void {\n if (type === 'error') {\n const maybeID = getFiberIDUnsafe(fiber);\n
// if this is an error simulated by us to trigger error boundary, ignore\n if (maybeID != null &&
forceErrorForFiberIDs.get(maybeID) === true) {\n return;\n } }\n\n const message = format(...args);\n
if (__DEBUG__) {\n debug('onErrorOrWarning', fiber, null, `${type}: "${message}"`);\n }\n\n // Mark this
Fiber as needed its warning/error count updated during the next flush.\n
fibersWithChangedErrorOrWarningCounts.add(fiber);\n\n // Track the warning/error for later.\n const fiberMap
=\n type === 'error' ? pendingFiberToErrorsMap : pendingFiberToWarningsMap;\n const messageMap =
fiberMap.get(fiber);\n if (messageMap != null) {\n const count = messageMap.get(message) || 0;\n
messageMap.set(message, count + 1);\n } else {\n fiberMap.set(fiber, new Map([[message, 1]]));\n }\n\n //
Passive effects may trigger errors or warnings too;\n // In this case, we should wait until the rest of the passive
effects have run,\n // but we shouldn't wait until the next commit because that might be a long time.\n // This
would also cause "tearing" between an inspected Component and the tree view.\n // Then again we don't want to
flush too soon because this could be an error during async rendering.\n // Use a debounce technique to ensure that
we'll eventually flush.\n flushPendingErrorsAndWarningsAfterDelay();\n }\n\n // Patching the console enables
DevTools to do a few useful things:\n // * Append component stacks to warnings and error messages\n // * Disable
logging during re-renders to inspect hooks (see inspectHooksOfFiber)\n //\n // Don't patch in test environments
because we don't want to interfere with Jest's own console overrides.\n if (process.env.NODE_ENV !== 'test') {\n
registerRendererWithConsole(renderer, onErrorOrWarning);\n\n // The renderer interface can't read these
preferences directly,\n // because it is stored in localStorage within the context of the extension.\n // It relies on
the extension to pass the preference through via the global.\n const appendComponentStack =\n
window.__REACT_DEVTOOLS_APPEND_COMPONENT_STACK__ !== false;\n const

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breakOnConsoleErrors =\n  window.__REACT_DEVTOOLS_BREAK_ON_CONSOLE_ERRORS__ ===
true;\n  const showInlineWarningsAndErrors =\n
window.__REACT_DEVTOOLS_SHOW_INLINE_WARNINGS_AND_ERRORS__ !== false;\n  const
hideConsoleLogsInStrictMode =\n
window.__REACT_DEVTOOLS_HIDE_CONSOLE_LOGS_IN_STRICT_MODE__ === true;\n  const
browserTheme = window.__REACT_DEVTOOLS_BROWSER_THEME__;\n\n  patchConsole({\n
appendComponentStack,\n  breakOnConsoleErrors,\n  showInlineWarningsAndErrors,\n
hideConsoleLogsInStrictMode,\n  browserTheme,\n  });\n }\n\n  const debug = (\n  name: string,\n  fiber:
Fiber,\n  parentFiber: ?Fiber,\n  extraString?: string = "",\n ): void => {\n  if (__DEBUG__) {\n  const
displayName =\n    fiber.tag + ':' + (getDisplayNameForFiber(fiber) || 'null');\n\n  const maybeID =
getFiberIDUnsafe(fiber) || '<no id>';\n  const parentDisplayName = parentFiber\n    ? parentFiber.tag +\n
':' +\n    (getDisplayNameForFiber(parentFiber) || 'null')\n    : '';\n  const maybeParentID = parentFiber\n
? getFiberIDUnsafe(parentFiber) || '<no-id>\n    : '';\n  console.groupCollapsed(\n    `[renderer]
%c${name} %c${displayName} (${maybeID}) %c${\n    parentFiber ? `${parentDisplayName}
(${maybeParentID})` : ""\n    } %c${extraString}`,\n    'color: red; font-weight: bold;',\n    'color: blue;',\n
'color: purple;',\n    'color: black;',\n    );\n  console.log(\n    new Error().stack\n    .split('\n')\n
.slice(1)\n    .join('\n'),\n    );\n  console.groupEnd();\n  }\n }\n\n  // Configurable Components tree
filters.\n  const hideElementsWithDisplayNames: Set<RegExp> = new Set();\n  const hideElementsWithPaths:
Set<RegExp> = new Set();\n  const hideElementsWithTypes: Set<ElementType> = new Set();\n\n  // Highlight
updates\n  let traceUpdatesEnabled: boolean = false;\n  const traceUpdatesForNodes: Set<NativeType> = new
Set();\n\n  function applyComponentFilters(componentFilters: Array<ComponentFilter>) {\n
hideElementsWithTypes.clear();\n  hideElementsWithDisplayNames.clear();\n
hideElementsWithPaths.clear();\n\n  componentFilters.forEach(componentFilter => {\n  if
(!componentFilter.isEnabled) {\n  return;\n  }\n\n  switch (componentFilter.type) {\n  case
ComponentFilterDisplayName:\n    if (componentFilter.isValid && componentFilter.value !== "") {\n
hideElementsWithDisplayNames.add(\n      new RegExp(componentFilter.value, 'i'),\n      );\n    }\n
break;\n  case ComponentFilterElementType:\n    hideElementsWithTypes.add(componentFilter.value);\n
break;\n  case ComponentFilterLocation:\n    if (componentFilter.isValid && componentFilter.value !== "")
{\n    hideElementsWithPaths.add(new RegExp(componentFilter.value, 'i'));\n    }\n    break;\n  case
ComponentFilterHOC:\n    hideElementsWithDisplayNames.add(new RegExp("\\\\(\\()")); \n    break;\n
default:\n    console.warn(\n      `Invalid component filter type "${componentFilter.type}"`,\n      );\n
break;\n  }\n }\n\n  // The renderer interface can't read saved component filters directly,\n  // because they
are stored in localStorage within the context of the extension.\n  // Instead it relies on the extension to pass filters
through.\n  if (window.__REACT_DEVTOOLS_COMPONENT_FILTERS__ != null) {\n
applyComponentFilters(window.__REACT_DEVTOOLS_COMPONENT_FILTERS__); \n } else {\n  //
Unfortunately this feature is not expected to work for React Native for now.\n  // It would be annoying for us to
spam YellowBox warnings with unactionable stuff,\n  // so for now just skip this message.. \n  //console.warn('
DevTools: Could not locate saved component filters');\n  // Fallback to assuming the default filters in this case.\n
applyComponentFilters(getDefaultComponentFilters()); \n }\n\n  // If necessary, we can revisit optimizing this
operation.\n  // For example, we could add a new recursive unmount tree operation.\n  // The unmount operations are
already significantly smaller than mount operations though.\n  // This is something to keep in mind for later.\n
function updateComponentFilters(componentFilters: Array<ComponentFilter>) {\n  if (isProfiling) {\n  // Re-
mounting a tree while profiling is in progress might break a lot of assumptions.\n  // If necessary, we could
support this- but it doesn't seem like a necessary use case.\n  throw Error('Cannot modify filter preferences while
profiling');\n  }\n\n  // Recursively unmount all roots.\n  hook.getFiberRoots(rendererID).forEach(root => {\n
currentRootID = getOrGenerateFiberID(root.current);\n  // The TREE_OPERATION_REMOVE_ROOT
operation serves two purposes:\n  // 1. It avoids sending unnecessary bridge traffic to clear a root.\n  // 2. It
preserves Fiber IDs when remounting (below) which in turn ID to error/warning mapping.\n

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pushOperation(TREE_OPERATION_REMOVE_ROOT);\n  flushPendingEvents(root);\n  currentRootID = -
1;\n });\n\n applyComponentFilters(componentFilters);\n\n // Reset pseudo counters so that new path
selections will be persisted.\n  rootDisplayNameCounter.clear();\n\n // Recursively re-mount all roots with new
filter criteria applied.\n  hook.getFiberRoots(rendererID).forEach(root => {\n    currentRootID =
getOrGenerateFiberID(root.current);\n    setRootPseudoKey(currentRootID, root.current);\n
mountFiberRecursively(root.current, null, false, false);\n    flushPendingEvents(root);\n    currentRootID = -1;\n
});\n\n // Also re-evaluate all error and warning counts given the new filters.\n
reevaluateErrorsAndWarnings();\n  flushPendingEvents();\n } }\n\n // NOTICE Keep in sync with get*ForFiber
methods\n function shouldFilterFiber(fiber: Fiber): boolean {\n  const { _debugSource, tag, type } = fiber;\n\n
switch (tag) {\n  case DehydratedSuspenseComponent:\n    // TODO: ideally we would show dehydrated
Suspense immediately.\n    // However, it has some special behavior (like disconnecting\n    // an alternate and
turning into real Suspense) which breaks DevTools.\n    // For now, ignore it, and only show it once it gets
hydrated.\n    // https://github.com/bvaughn/react-devtools-experimental/issues/197\n    return true;\n  case
HostPortal:\n  case HostText:\n  case Fragment:\n  case LegacyHiddenComponent:\n  case
OffscreenComponent:\n    return true;\n  case HostRoot:\n    // It is never valid to filter the root element.\n
return false;\n  default:\n    const typeSymbol = getTypeSymbol(type);\n\n    switch (typeSymbol) {\n
case CONCURRENT_MODE_NUMBER:\n    case CONCURRENT_MODE_SYMBOL_STRING:\n    case
DEPRECATED_ASYNC_MODE_SYMBOL_STRING:\n    case STRICT_MODE_NUMBER:\n    case
STRICT_MODE_SYMBOL_STRING:\n      return true;\n    default:\n      break;\n    }\n  }\n\n  const elementType =
getElementTypeForFiber(fiber);\n  if (hideElementsWithTypes.has(elementType)) {\n
return true;\n  }\n\n  if (hideElementsWithDisplayNames.size > 0) {\n    const displayName =
getDisplayNamesForFiber(fiber);\n    if (displayName != null) {\n      // eslint-disable-next-line no-for-of-loops/no-
for-of-loops\n      for (const displayNameRegExp of hideElementsWithDisplayNames) {\n        if
(displayNameRegExp.test(displayName)) {\n          return true;\n        }\n      }\n    }\n\n    if
(_debugSource != null && hideElementsWithPaths.size > 0) {\n      const { fileName } = _debugSource;\n      //
eslint-disable-next-line no-for-of-loops/no-for-of-loops\n      for (const pathRegExp of hideElementsWithPaths) {\n
        if (pathRegExp.test(fileName)) {\n          return true;\n        }\n      }\n    }\n\n    return false;\n  }\n\n  // NOTICE
Keep in sync with shouldFilterFiber() and other get*ForFiber methods\n  function getElementForFiber(fiber:
Fiber): ElementType {\n  const { type, tag } = fiber;\n\n  switch (tag) {\n  case ClassComponent:\n  case
IncompleteClassComponent:\n    return ElementTypeClass;\n  case FunctionComponent:\n  case
IndeterminateComponent:\n    return ElementTypeFunction;\n  case ForwardRef:\n    return
ElementTypeForwardRef;\n  case HostRoot:\n    return ElementTypeRoot;\n  case HostComponent:\n
return ElementTypeHostComponent;\n  case HostPortal:\n  case HostText:\n  case Fragment:\n    return
ElementTypeOtherOrUnknown;\n  case MemoComponent:\n  case SimpleMemoComponent:\n    return
ElementTypeMemo;\n  case SuspenseComponent:\n    return ElementTypeSuspense;\n  case
SuspenseListComponent:\n    return ElementTypeSuspenseList;\n  default:\n    const typeSymbol =
getTypeSymbol(type);\n\n    switch (typeSymbol) {\n    case CONCURRENT_MODE_NUMBER:\n
case CONCURRENT_MODE_SYMBOL_STRING:\n    case
DEPRECATED_ASYNC_MODE_SYMBOL_STRING:\n      return ElementTypeOtherOrUnknown;\n    case
PROVIDER_NUMBER:\n    case PROVIDER_SYMBOL_STRING:\n      return
ElementTypeContext;\n    case CONTEXT_NUMBER:\n    case CONTEXT_SYMBOL_STRING:\n
return ElementTypeContext;\n    case STRICT_MODE_NUMBER:\n    case
STRICT_MODE_SYMBOL_STRING:\n      return ElementTypeOtherOrUnknown;\n    case
PROFILER_NUMBER:\n    case PROFILER_SYMBOL_STRING:\n      return ElementTypeProfiler;\n    default:\n
return ElementTypeOtherOrUnknown;\n    }\n  }\n\n  }\n\n // Map of one or more Fibers in a
pair to their unique id number.\n // We track both Fibers to support Fast Refresh,\n // which may forcefully replace
one of the pair as part of hot reloading.\n // In that case it's still important to be able to locate the previous ID during
subsequent renders.\n  const fiberToIDMap: Map<Fiber, number> = new Map();\n\n // Map of id to one (arbitrary)

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Fiber in a pair.\n // This Map is used to e.g. get the display name for a Fiber or schedule an update,\n // operations
that should be the same whether the current and work-in-progress Fiber is used.\n const idToArbitraryFiberMap:
Map<number, Fiber> = new Map();\n\n // When profiling is supported, we store the latest tree base durations for
each Fiber.\n // This is so that we can quickly capture a snapshot of those values if profiling starts.\n // If we didn't
store these values, we'd have to crawl the tree when profiling started,\n // and use a slow path to find each of the
current Fibers.\n const idToTreeBaseDurationMap: Map<number, number> = new Map();\n\n // When profiling is
supported, we store the latest tree base durations for each Fiber.\n // This map enables us to filter these times by root
when sending them to the frontend.\n const idToRootMap: Map<number, number> = new Map();\n\n // When a
mount or update is in progress, this value tracks the root that is being operated on.\n let currentRootID: number = -
1;\n\n // Returns the unique ID for a Fiber or generates and caches a new one if the Fiber hasn't been seen before.\n
// Once this method has been called for a Fiber, untrackFiberID() should always be called later to avoid leaking.\n
function getOrGenerateFiberID(fiber: Fiber): number {\n  let id = null;\n  if (fiberToIDMap.has(fiber)) {\n    id =
fiberToIDMap.get(fiber);\n  } else {\n    const {alternate} = fiber;\n    if (alternate !== null &&
fiberToIDMap.has(alternate)) {\n      id = fiberToIDMap.get(alternate);\n    }\n  }\n\n  let didGenerateID =
false;\n  if (id === null) {\n    didGenerateID = true;\n    id = getUID();\n  }\n\n  // This refinement is for Flow
purposes only.\n  const refinedID = ((id: any): number);\n\n  // Make sure we're tracking this Fiber\n  // e.g. if it
just mounted or an error was logged during initial render.\n  if (!fiberToIDMap.has(fiber)) {\n
fiberToIDMap.set(fiber, refinedID);\n  idToArbitraryFiberMap.set(refinedID, fiber);\n }\n\n  // Also make sure
we're tracking its alternate,\n  // e.g. in case this is the first update after mount.\n  const {alternate} = fiber;\n  if
(alternate !== null) {\n    if (!fiberToIDMap.has(alternate)) {\n      fiberToIDMap.set(alternate, refinedID);\n
}\n  }\n\n  if (__DEBUG__) {\n    if (didGenerateID) {\n      debug(\n        'getOrGenerateFiberID()',\n
fiber,\n        fiber.return,\n        'Generated a new UID',\n      );\n    }\n  }\n\n  return refinedID;\n }\n\n //
Returns an ID if one has already been generated for the Fiber or throws.\n function getFiberIDThrows(fiber: Fiber):
number {\n  const maybeID = getFiberIDUnsafe(fiber);\n  if (maybeID !== null) {\n    return maybeID;\n  }\n\n  throw
Error(\n    `Could not find ID for Fiber "${getDisplayNameForFiber(fiber)}"`,\n    );\n }\n\n // Returns
an ID if one has already been generated for the Fiber or null if one has not been generated.\n // Use this method
while e.g. logging to avoid over-retaining Fibers.\n function getFiberIDUnsafe(fiber: Fiber): number | null {\n  if
(fiberToIDMap.has(fiber)) {\n    return ((fiberToIDMap.get(fiber): any): number);\n  } else {\n    const
{alternate} = fiber;\n    if (alternate !== null && fiberToIDMap.has(alternate)) {\n      return
((fiberToIDMap.get(alternate): any): number);\n    }\n  }\n\n  return null;\n }\n\n // Removes a Fiber (and its
alternate) from the Maps used to track their id.\n // This method should always be called when a Fiber is
unmounting.\n function untrackFiberID(fiber: Fiber) {\n  if (__DEBUG__) {\n    debug('untrackFiberID()', fiber,
fiber.return, 'schedule after delay');\n  }\n\n  // Untrack Fibers after a slight delay in order to support a Fast
Refresh edge case:\n  // 1. Component type is updated and Fast Refresh schedules an update+remount.\n  // 2.
flushPendingErrorsAndWarningsAfterDelay() runs, sees the old Fiber is no longer mounted\n  // (it's been
disconnected by Fast Refresh), and calls untrackFiberID() to clear it from the Map.\n  // 3. React flushes pending
passive effects before it runs the next render,\n  // which logs an error or warning, which causes a new ID to be
generated for this Fiber.\n  // 4. DevTools now tries to unmount the old Component with the new ID.\n  //\n  // The
underlying problem here is the premature clearing of the Fiber ID,\n  // but DevTools has no way to detect that
a given Fiber has been scheduled for Fast Refresh.\n  // (The "_debugNeedsRemount" flag won't necessarily be
set.)\n  //\n  // The best we can do is to delay untracking by a small amount,\n  // and give React time to process
the Fast Refresh delay.\n\n  untrackFibersSet.add(fiber);\n\n  // React may detach alternate pointers during
unmount;\n  // Since our untracking code is async, we should explicitly track the pending alternate here as well.\n
const alternate = fiber.alternate;\n  if (alternate !== null) {\n    untrackFibersSet.add(alternate);\n  }\n\n  if
(untrackFibersTimeoutID === null) {\n    untrackFibersTimeoutID = setTimeout(untrackFibers, 1000);\n  }\n\n
}\n\n const untrackFibersSet: Set<Fiber> = new Set();\n let untrackFibersTimeoutID: TimeoutID | null = null;\n\n
function untrackFibers() {\n  if (untrackFibersTimeoutID !== null) {\n
clearTimeout(untrackFibersTimeoutID);\n    untrackFibersTimeoutID = null;\n  }\n\n

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untrackFibersSet.forEach(fiber => {\n  const fiberID = getFiberIDUnsafe(fiber);\n  if (fiberID !== null) {\n  idToArbitraryFiberMap.delete(fiberID);\n  // Also clear any errors/warnings associated with this fiber.\n  clearErrorsForFiberID(fiberID);\n  clearWarningsForFiberID(fiberID);\n  }\n  fiberToIDMap.delete(fiber);\n  const {alternate} = fiber;\n  if (alternate !== null) {\n  fiberToIDMap.delete(alternate);\n  }\n  if (forceErrorForFiberIDs.has(fiberID)) {\n  forceErrorForFiberIDs.delete(fiberID);\n  if (forceErrorForFiberIDs.size === 0 && setErrorHandler !== null) {\n  setErrorHandler(shouldErrorFiberAlwaysNull);\n  }\n  }\n  untrackFibersSet.clear();\n}\n\nfunction getChangeDescription(\n  prevFiber: Fiber | null,\n  nextFiber: Fiber,\n): ChangeDescription | null {\n  switch (getElementTypeForFiber(nextFiber)) {\n  case ElementTypeClass:\n  case ElementTypeFunction:\n  case ElementTypeMemo:\n  case ElementTypeForwardRef:\n  if (prevFiber === null) {\n  return {\n  context: null,\n  didHooksChange: false,\n  isFirstMount: true,\n  props: null,\n  state: null,\n  };\n  } else {\n  const data: ChangeDescription = {\n  context: getContextChangedKeys(nextFiber),\n  didHooksChange: false,\n  isFirstMount: false,\n  props: getChangedKeys(\n    prevFiber.memoizedProps,\n    nextFiber.memoizedProps,\n  ),\n  state: getChangedKeys(\n    prevFiber.memoizedState,\n    nextFiber.memoizedState,\n  ),\n  };\n  // Only traverse the hooks list once, depending on what info we're returning.\n  if (enableProfilerChangedHookIndices) {\n  const indices = getChangedHooksIndices(\n    prevFiber.memoizedState,\n    nextFiber.memoizedState,\n  );\n  data.hooks = indices;\n  data.didHooksChange = indices !== null && indices.length > 0;\n  } else {\n  data.didHooksChange = didHooksChange(\n    prevFiber.memoizedState,\n    nextFiber.memoizedState,\n  );\n  }\n  return data;\n  }\n  default:\n  return null;\n  }\n}\n\nfunction updateContextsForFiber(fiber: Fiber) {\n  switch (getElementTypeForFiber(fiber)) {\n  case ElementTypeClass:\n  case ElementTypeForwardRef:\n  case ElementTypeFunction:\n  case ElementTypeMemo:\n  if (idToContextsMap !== null) {\n  const id = getFiberIDThrows(fiber);\n  const contexts = getContextsForFiber(fiber);\n  if (contexts !== null) {\n  idToContextsMap.set(id, contexts);\n  }\n  }\n  break;\n  default:\n  break;\n  }\n}\n\n// Differentiates between a null context value and no context.\nconst NO_CONTEXT = {};\n\nfunction getContextsForFiber(fiber: Fiber): [Object, any] | null {\n  let legacyContext = NO_CONTEXT;\n  let modernContext = NO_CONTEXT;\n  switch (getElementTypeForFiber(fiber)) {\n  case ElementTypeClass:\n  const instance = fiber.stateNode;\n  if (instance !== null) {\n  if (\n    instance.constructor &&\n    instance.constructor.contextType !== null\n  ) {\n  modernContext = instance.context;\n  } else {\n  legacyContext = instance.context;\n  if (legacyContext && Object.keys(legacyContext).length === 0) {\n  legacyContext = NO_CONTEXT;\n  }\n  }\n  }\n  return [legacyContext, modernContext];\n  case ElementTypeForwardRef:\n  case ElementTypeFunction:\n  case ElementTypeMemo:\n  const dependencies = fiber.dependencies;\n  if (dependencies && dependencies.firstContext) {\n  modernContext = dependencies.firstContext;\n  }\n  return [legacyContext, modernContext];\n  default:\n  return null;\n  }\n}\n\n// Record all contexts at the time profiling is started.\n// Fibers only store the current context value,\n// so we need to track them separately in order to determine changed keys.\nfunction crawlToInitializeContextsMap(fiber: Fiber) {\n  const id = getFiberIDUnsafe(fiber);\n  // Not all Fibers in the subtree have mounted yet.\n  // For example, Offscreen (hidden) or Suspense (suspended) subtrees won't yet be tracked.\n  // We can safely skip these subtrees.\n  if (id !== null) {\n  updateContextsForFiber(fiber);\n  let current = fiber.child;\n  while (current !== null) {\n  crawlToInitializeContextsMap(current);\n  current = current.sibling;\n  }\n  }\n}\n\nfunction getContextChangedKeys(fiber: Fiber): null | boolean | Array<string> {\n  if (idToContextsMap !== null) {\n  const id = getFiberIDThrows(fiber);\n  const prevContexts = idToContextsMap.has(id) ? idToContextsMap.get(id) : null;\n  const nextContexts = getContextsForFiber(fiber);\n  if (prevContexts === null || nextContexts === null) {\n  return null;\n  }\n  const [prevLegacyContext, prevModernContext] = prevContexts;\n  const [nextLegacyContext, nextModernContext] = nextContexts;\n  switch (getElementTypeForFiber(fiber)) {\n  case ElementTypeClass:\n  if (prevContexts &&

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nextContexts) {\n      if (nextLegacyContext !== NO_CONTEXT) {\n        return
getChangedKeys(prevLegacyContext, nextLegacyContext);\n      } else if (nextModernContext !==
NO_CONTEXT) {\n        return prevModernContext !== nextModernContext;\n      }\n    }\n    break;\n    case ElementTypeForwardRef:\n    case ElementTypeFunction:\n    case ElementTypeMemo:\n      if (nextModernContext !== NO_CONTEXT) {\n        let prevContext = prevModernContext;\n        let
nextContext = nextModernContext;\n        while (prevContext && nextContext) {\n          // Note this only
works for versions of React that support this key (e.v. 18+)\n          // For older versions, there's no good way to
read the current context value after render has completed.\n          // This is because React maintains a stack of
context values during render,\n          // but by the time DevTools is called, render has finished and the stack is
empty.\n          if (!is(prevContext.memoizedValue, nextContext.memoizedValue)) {\n            return true;\n          }\n          prevContext = prevContext.next;\n          nextContext = nextContext.next;\n        }\n      }\n      return false;\n    }\n    break;\n    default:\n    break;\n  }\n  }\n  return null;\n}\n\nfunction
areHookInputsEqual(\n  nextDeps: Array<mixed>,\n  prevDeps: Array<mixed> | null,\n  ) {\n  if (prevDeps ===
null) {\n    return false;\n  }\n  for (let i = 0; i < prevDeps.length && i < nextDeps.length; i++) {\n    if
(is(nextDeps[i], prevDeps[i])) {\n      continue;\n    }\n    return false;\n  }\n  return true;\n}\n\nfunction
isEffect(memoizedState) {\n  if (memoizedState === null || typeof memoizedState !== 'object') {\n    return
false;\n  }\n  const {deps} = memoizedState;\n  const boundHasOwnProperty =
hasOwnProperty.bind(memoizedState);\n  return (\n    boundHasOwnProperty('create') &&\n
boundHasOwnProperty('destroy') &&\n    boundHasOwnProperty('deps') &&\n    boundHasOwnProperty('next')
&&\n    boundHasOwnProperty('tag') &&\n    (deps === null || isArray(deps))\n  );\n}\n\nfunction
didHookChange(prev: any, next: any): boolean {\n  const prevMemoizedState = prev.memoizedState;\n  const
nextMemoizedState = next.memoizedState;\n  if (isEffect(prevMemoizedState) &&
isEffect(nextMemoizedState)) {\n    return (\n      prevMemoizedState !== nextMemoizedState &&\n
!areHookInputsEqual(nextMemoizedState.deps, prevMemoizedState.deps)\n    );\n  }\n  return
nextMemoizedState !== prevMemoizedState;\n}\n\nfunction didHooksChange(prev: any, next: any): boolean {\n
if (prev == null || next == null) {\n  return false;\n}\n  // We can't report anything meaningful for hooks
changes.\n  if (\n    next.hasOwnProperty('baseState') &&\n    next.hasOwnProperty('memoizedState') &&\n
next.hasOwnProperty('next') &&\n    next.hasOwnProperty('queue')\n  ) {\n    while (next !== null) {\n      if
(didHookChange(prev, next)) {\n        return true;\n      } else {\n        next = next.next;\n        prev =
prev.next;\n      }\n    }\n  }\n  return false;\n}\n\nfunction getChangedHooksIndices(prev: any, next: any):
null | Array<number> {\n  if (enableProfilerChangedHookIndices) {\n    if (prev == null || next == null) {\n
return null;\n    }\n    const indices = [];\n    let index = 0;\n    if (\n      next.hasOwnProperty('baseState')
&&\n      next.hasOwnProperty('memoizedState') &&\n      next.hasOwnProperty('next') &&\n
next.hasOwnProperty('queue')\n    ) {\n      while (next !== null) {\n        if (didHookChange(prev, next)) {\n
indices.push(index);\n        }\n        next = next.next;\n        prev = prev.next;\n        index++;\n      }\n
}\n  }\n  return indices;\n}\n\nfunction getChangedKeys(prev: any, next: any): null |
Array<string> {\n  if (prev == null || next == null) {\n    return null;\n  }\n  // We can't report anything
meaningful for hooks changes.\n  if (\n    next.hasOwnProperty('baseState') &&\n
next.hasOwnProperty('memoizedState') &&\n    next.hasOwnProperty('next') &&\n
next.hasOwnProperty('queue')\n  ) {\n    return null;\n  }\n  const keys = new Set([...Object.keys(prev),
...Object.keys(next)]);\n  const changedKeys = [];\n  // eslint-disable-next-line no-for-of-loops/no-for-of-loops\n
for (const key of keys) {\n    if (prev[key] !== next[key]) {\n      changedKeys.push(key);\n    }\n  }\n  return
changedKeys;\n}\n\n// eslint-disable-next-line no-unused-vars\nfunction didFiberRender(prevFiber: Fiber,
nextFiber: Fiber): boolean {\n  switch (nextFiber.tag) {\n    case ClassComponent:\n    case
FunctionComponent:\n    case ContextConsumer:\n    case MemoComponent:\n    case
SimpleMemoComponent:\n      // For types that execute user code, we check PerformedWork effect.\n      // We
don't reflect bailouts (either referential or sCU) in DevTools.\n      // eslint-disable-next-line no-bitwise\n
return
(getFiberFlags(nextFiber) & PerformedWork) === PerformedWork;\n      // Note: ContextConsumer only gets

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PerformedWork effect in 16.3.3+\n // so it won't get highlighted with React 16.3.0 to 16.3.2.\n default:\n // For host components and other types, we compare inputs\n // to determine whether something is an update.\n return (\n prevFiber.memoizedProps !== nextFiber.memoizedProps ||\n prevFiber.memoizedState !==\n nextFiber.memoizedState ||\n prevFiber.ref !== nextFiber.ref\n );\n }\n }\n\n type OperationsArray =\n Array<number>;\n\n type StringTableEntry = {\n encodedString: Array<number>,\n id: number,\n };\n\n const pendingOperations: OperationsArray = [];\n const pendingRealUnmountedIDs: Array<number> = [];\n const\n pendingSimulatedUnmountedIDs: Array<number> = [];\n let pendingOperationsQueue: Array<OperationsArray> |\n null = [];\n const pendingStringTable: Map<string, StringTableEntry> = new Map();\n let\n pendingStringTableLength: number = 0;\n let pendingUnmountedRootID: number | null = null;\n\n function\n pushOperation(op: number): void {\n if (__DEV__) {\n if (!Number.isInteger(op)) {\n console.error(\n 'pushOperation() was called but the value is not an integer.',\n op,\n );\n }\n }\n\n pendingOperations.push(op);\n }\n\n function flushOrQueueOperations(operations: OperationsArray): void {\n if\n (operations.length === 3) {\n // This operations array is a no op: [renderer ID, root ID, string table size (0)]\n // We can usually skip sending updates like this across the bridge, unless we're Profiling.\n // In that case, even\n though the tree didn't change– some Fibers may have still rendered.\n if (\n !isProfiling ||\n currentCommitProfilingMetadata == null ||\n currentCommitProfilingMetadata.durations.length === 0\n )\n {\n return;\n }\n }\n\n if (pendingOperationsQueue !== null) {\n pendingOperationsQueue.push(operations);\n } else {\n hook.emit('operations', operations);\n }\n }\n\n let\n flushPendingErrorsAndWarningsAfterDelayTimeoutID = null;\n\n function\n clearPendingErrorsAndWarningsAfterDelay()\n {\n if (flushPendingErrorsAndWarningsAfterDelayTimeoutID !==\n null) {\n clearTimeout(flushPendingErrorsAndWarningsAfterDelayTimeoutID);\n }\n\n flushPendingErrorsAndWarningsAfterDelayTimeoutID = null;\n }\n\n function\n flushPendingErrorsAndWarningsAfterDelay()\n {\n clearPendingErrorsAndWarningsAfterDelay();\n\n flushPendingErrorsAndWarningsAfterDelayTimeoutID = setTimeout(() => {\n\n flushPendingErrorsAndWarningsAfterDelayTimeoutID = null;\n\n if (pendingOperations.length > 0) {\n //\n On the off chance that something else has pushed pending operations,\n // we should bail on warnings; it's\n probably not safe to push midway.\n return;\n }\n\n recordPendingErrorsAndWarnings();\n\n if\n (pendingOperations.length === 0) {\n // No warnings or errors to flush; we can bail out early here too.\n return;\n }\n\n // We can create a smaller operations array than flushPendingEvents()\n // because we only\n need to flush warning and error counts.\n // Only a few pieces of fixed information are required up front.\n\n const operations: OperationsArray = new Array(\n 3 + pendingOperations.length,\n );\n operations[0] =\n rendererID;\n operations[1] = currentRootID;\n operations[2] = 0; // String table size\n for (let j = 0; j <\n pendingOperations.length; j++) {\n operations[3 + j] = pendingOperations[j];\n }\n\n flushOrQueueOperations(operations);\n\n pendingOperations.length = 0;\n }, 1000);\n }\n\n function\n reevaluateErrorsAndWarnings()\n {\n fibersWithChangedErrorOrWarningCounts.clear();\n\n fiberIDToErrorsMap.forEach((countMap, fiberID) => {\n const fiber = idToArbitraryFiberMap.get(fiberID);\n\n if (fiber !== null) {\n fibersWithChangedErrorOrWarningCounts.add(fiber);\n }\n });\n\n fiberIDToWarningsMap.forEach((countMap, fiberID) => {\n const fiber =\n idToArbitraryFiberMap.get(fiberID);\n\n if (fiber !== null) {\n fibersWithChangedErrorOrWarningCounts.add(fiber);\n }\n });\n\n recordPendingErrorsAndWarnings();\n }\n\n\n function mergeMapsAndGetCountHelper(\n fiber: Fiber,\n fiberID: number,\n\n pendingFiberToMessageCountMap: Map<Fiber, Map<string, number>>,\n fiberIDToMessageCountMap:\n Map<number, Map<string, number>>,\n ): number {\n let newCount = 0;\n let messageCountMap =\n fiberIDToMessageCountMap.get(fiberID);\n\n const pendingMessageCountMap =\n pendingFiberToMessageCountMap.get(fiber);\n\n if (pendingMessageCountMap !== null) {\n if\n (messageCountMap == null) {\n messageCountMap = pendingMessageCountMap;\n }\n\n fiberIDToMessageCountMap.set(fiberID, pendingMessageCountMap);\n } else {\n // This Flow refinement\n should not be necessary and yet...\n const refinedMessageCountMap = ((messageCountMap: any): Map<number,\n

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string,\n      number,\n      >);\n\n      pendingMessageCountMap.forEach((pendingCount, message) => {\n
const previousCount = refinedMessageCountMap.get(message) || 0;\n      refinedMessageCountMap.set(message,\n
previousCount + pendingCount);\n      });\n      }\n      }\n\n      if (!shouldFilterFiber(fiber)) {\n      if\n
(messageCountMap != null) {\n      messageCountMap.forEach(count => {\n      newCount += count;\n      });\n
      }\n      }\n\n      pendingFiberToMessageCountMap.delete(fiber);\n\n      return newCount;\n      }\n\n      function\n
recordPendingErrorsAndWarnings() {\n      clearPendingErrorsAndWarningsAfterDelay();\n\n
fibersWithChangedErrorOrWarningCounts.forEach(fiber => {\n      const fiberID = getFiberIDUnsafe(fiber);\n      if\n
(fiberID === null) {\n      // Don't send updates for Fibers that didn't mount due to e.g. Suspense or an error\n
boundary.\n      } else {\n      const errorCount = mergeMapsAndGetCountHelper(\n      fiber,\n      fiberID,\n
      pendingFiberToErrorsMap,\n      fiberIDToErrorsMap,\n      );\n      const warningCount =\n
mergeMapsAndGetCountHelper(\n      fiber,\n      fiberID,\n      pendingFiberToWarningsMap,\n
      fiberIDToWarningsMap,\n      );\n\n
pushOperation(TREE_OPERATION_UPDATE_ERRORS_OR_WARNINGS);\n      pushOperation(fiberID);\n
      pushOperation(errorCount);\n      pushOperation(warningCount);\n      }\n\n      // Always clean up so that we don't\n
leak.\n      pendingFiberToErrorsMap.delete(fiber);\n      pendingFiberToWarningsMap.delete(fiber);\n      });\n\n
fibersWithChangedErrorOrWarningCounts.clear();\n      }\n\n      function flushPendingEvents(root: Object): void {\n      //\n
Add any pending errors and warnings to the operations array.\n      // We do this just before flushing, so we can ignore\n
errors for no-longer-mounted Fibers.\n      recordPendingErrorsAndWarnings();\n\n      if (\n
pendingOperations.length === 0 &&\n      pendingRealUnmountedIDs.length === 0 &&\n
      pendingSimulatedUnmountedIDs.length === 0 &&\n      pendingUnmountedRootID === null\n      ) {\n      // If we\n
aren't profiling, we can just bail out here.\n      // No use sending an empty update over the bridge.\n      // The\n
Profiler stores metadata for each commit and reconstructs the app tree per commit using:\n      // (1) an initial tree\n
snapshot and\n      // (2) the operations array for each commit\n      // Because of this, it's important that the\n
operations and metadata arrays align,\n      // So it's important not to omit even empty operations while profiling is\n
active.\n      if (!isProfiling) {\n      return;\n      }\n      }\n\n      const numUnmountIDs =\n
      pendingRealUnmountedIDs.length +\n      pendingSimulatedUnmountedIDs.length +\n
      (pendingUnmountedRootID === null ? 0 : 1);\n\n      const operations = new Array(\n      // Identify which renderer\n
this update is coming from.\n      2 + // [rendererID, rootFiberID]\n      // How big is the string table?\n      1 + //\n
[stringTableLength]\n      // Then goes the actual string table.\n      pendingStringTableLength +\n      // All\n
unmounts are batched in a single message.\n      // [TREE_OPERATION_REMOVE, removedIDLength, ...ids]\n
      (numUnmountIDs > 0 ? 2 + numUnmountIDs : 0) +\n      // Regular operations\n      pendingOperations.length,\n
      );\n\n      // Identify which renderer this update is coming from.\n      // This enables roots to be mapped to renderers,\n
      // Which in turn enables fiber props, states, and hooks to be inspected.\n      let i = 0;\n      operations[i++] =\n
      rendererID;\n      operations[i++] = currentRootID;\n\n      // Now fill in the string table.\n      // [stringTableLength,\n
      str1Length, ...str1, str2Length, ...str2, ...]\n      operations[i++] = pendingStringTableLength;\n\n
      pendingStringTable.forEach((entry, stringKey) => {\n      const encodedString = entry.encodedString;\n\n      //\n
Don't use the string length.\n      // It won't work for multibyte characters (like emoji).\n      const length =\n
      encodedString.length;\n\n      operations[i++] = length;\n      for (let j = 0; j < length; j++) {\n      operations[i + j] =\n
      encodedString[j];\n      }\n\n      i += length;\n      });\n\n      if (numUnmountIDs > 0) {\n      // All unmounts except\n
roots are batched in a single message.\n      operations[i++] = TREE_OPERATION_REMOVE;\n      // The first\n
number is how many unmounted IDs we're gonna send.\n      operations[i++] = numUnmountIDs;\n      // Fill in the\n
real unmounts in the reverse order.\n      // They were inserted parents-first by React, but we want children-first.\n
      // So we traverse our array backwards.\n      for (let j = pendingRealUnmountedIDs.length - 1; j >= 0; j--) {\n
      operations[i++] = pendingRealUnmountedIDs[j];\n      }\n      // Fill in the simulated unmounts (hidden Suspense\n
subtrees) in their order.\n      // (We want children to go before parents.)\n      // They go *after* the real unmounts\n
because we know for sure they won't be\n      // children of already pushed \"real\" IDs. If they were, we wouldn't be\n
able\n      // to discover them during the traversal, as they would have been deleted.\n      for (let j = 0; j <\n
      pendingSimulatedUnmountedIDs.length; j++) {\n      operations[i + j] = pendingSimulatedUnmountedIDs[j];\n

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}\n    i += pendingSimulatedUnmountedIDs.length;\n    // The root ID should always be unmounted last.\n    if
(pendingUnmountedRootID !== null) {\n    operations[i] = pendingUnmountedRootID;\n    i++;\n    }\n }\n
// Fill in the rest of the operations.\n for (let j = 0; j < pendingOperations.length; j++) {\n    operations[i + j] =
pendingOperations[j];\n    }\n    i += pendingOperations.length;\n\n // Let the frontend know about tree
operations.\n flushOrQueueOperations(operations);\n\n // Reset all of the pending state now that we've told the
frontend about it.\n pendingOperations.length = 0;\n pendingRealUnmountedIDs.length = 0;\n
pendingSimulatedUnmountedIDs.length = 0;\n pendingUnmountedRootID = null;\n
pendingStringTable.clear();\n pendingStringTableLength = 0;\n }\n\n function getStringID(string: string | null):
number {\n    if (string === null) {\n    return 0;\n    }\n    const existingEntry = pendingStringTable.get(string);\n
if (existingEntry !== undefined) {\n    return existingEntry.id;\n    }\n\n    const id = pendingStringTable.size + 1;\n
    const encodedString = utfEncodeString(string);\n\n    pendingStringTable.set(string, {\n    encodedString,\n
id,\n    });\n\n // The string table total length needs to account both for the string length,\n // and for the array
item that contains the length itself.\n //\n // Don't use string length for this table.\n // It won't work for multibyte
characters (like emoji).\n    pendingStringTableLength += encodedString.length + 1;\n\n    return id;\n }\n\n
function recordMount(fiber: Fiber, parentFiber: Fiber | null) {\n    const isRoot = fiber.tag === HostRoot;\n    const
id = getOrGenerateFiberID(fiber);\n\n    if (__DEBUG__) {\n    debug('recordMount()', fiber, parentFiber);\n
}\n\n    const hasOwnerMetadata = fiber.hasOwnProperty('_debugOwner');\n    const isProfilingSupported =
fiber.hasOwnProperty('treeBaseDuration');\n\n    if (isRoot) {\n    pushOperation(TREE_OPERATION_ADD);\n
pushOperation(id);\n    pushOperation(ElementTypeRoot);\n    pushOperation((fiber.mode & StrictModeBits)
!== 0 ? 1 : 0);\n    pushOperation(isProfilingSupported ? 1 : 0);\n    pushOperation(StrictModeBits !== 0 ? 1 :
0);\n    pushOperation(hasOwnerMetadata ? 1 : 0);\n\n    if (isProfiling) {\n    if (displayNamesByRootID !==
null) {\n    displayNamesByRootID.set(id, getDisplayNameForRoot(fiber));\n    }\n    } else {\n    const {key} = fiber;\n    const displayName = getDisplayNameForFiber(fiber);\n    const elementType =
getElementTypeInfo(fiber);\n    const {_debugOwner} = fiber;\n\n    // Ideally we should call
getFiberIDThrows() for _debugOwner,\n // since owners are almost always higher in the tree (and so have
already been processed),\n // but in some (rare) instances reported in open source, a descendant mounts before an
owner.\n // Since this is a DEV only field it's probably okay to also just lazily generate and ID here if needed.\n
// See https://github.com/facebook/react/issues/21445\n    const ownerID =\n    _debugOwner !== null ?
getOrGenerateFiberID(_debugOwner) : 0;\n    const parentID = parentFiber ? getFiberIDThrows(parentFiber) :
0;\n\n    const displayNameStringID = getStringID(displayName);\n\n    // This check is a guard to handle a React
element that has been modified\n // in such a way as to bypass the default stringification of the \"key\" property.\n
const keyString = key === null ? null : String(key);\n    const keyStringID = getStringID(keyString);\n\n
pushOperation(TREE_OPERATION_ADD);\n    pushOperation(id);\n    pushOperation(elementType);\n
pushOperation(parentID);\n    pushOperation(ownerID);\n    pushOperation(displayNameStringID);\n
pushOperation(keyStringID);\n\n // If this subtree has a new mode, let the frontend know.\n    if (\n
(fiber.mode & StrictModeBits) !== 0 &&\n    (((parentFiber: any): Fiber).mode & StrictModeBits) === 0\n    )
{\n    pushOperation(TREE_OPERATION_SET_SUBTREE_MODE);\n    pushOperation(id);\n
pushOperation(StrictMode);\n    }\n }\n\n if (isProfilingSupported) {\n    idToRootMap.set(id,
currentRootID);\n\n    recordProfilingDurations(fiber);\n }\n }\n\n function recordUnmount(fiber: Fiber,
isSimulated: boolean) {\n    if (__DEBUG__) {\n    debug(\n    'recordUnmount()',\n    fiber,\n    null,\n
isSimulated ? 'unmount is simulated' : ',\n    );\n }\n\n    if (trackedPathMatchFiber !== null) {\n    // We're in
the process of trying to restore previous selection.\n // If this fiber matched but is being unmounted, there's no use
trying.\n // Reset the state so we don't keep holding onto it.\n    if (\n    fiber === trackedPathMatchFiber ||\n
fiber === trackedPathMatchFiber.alternate\n    ) {\n    setTrackedPath(null);\n    }\n }\n\n    const unsafeID
= getFiberIDUnsafe(fiber);\n    if (unsafeID === null) {\n    // If we've never seen this Fiber, it might be inside of a
legacy render Suspense fragment (so the store is not even aware of it).\n // In that case we can just ignore it or it
will cause errors later on.\n // One example of this is a Lazy component that never resolves before being
unmounted.\n //\n // This also might indicate a Fast Refresh force-remount scenario.\n //\n // TODO:

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This is fragile and can obscure actual bugs.\n  return;\n  }\n\n  // Flow refinement.\n  const id = ((unsafeID:\n  any): number);\n  const isRoot = fiber.tag === HostRoot;\n  if (isRoot) {\n    // Roots must be removed only after\n    all children (pending and simulated) have been removed.\n    // So we track it separately.\n    pendingUnmountedRootID = id;\n  } else if (!shouldFilterFiber(fiber)) {\n    // To maintain child-first ordering,\n    // we'll push it into one of these queues,\n    // and later arrange them in the correct order.\n    if (isSimulated) {\n      pendingSimulatedUnmountedIDs.push(id);\n    } else {\n      pendingRealUnmountedIDs.push(id);\n    }\n  }\n\n  if (!fiber._debugNeedsRemount) {\n    untrackFiberID(fiber);\n\n    const isProfilingSupported =\n    fiber.hasOwnProperty('treeBaseDuration');\n    if (isProfilingSupported) {\n      idToRootMap.delete(id);\n      idToTreeBaseDurationMap.delete(id);\n    }\n  }\n\n  function mountFiberRecursively(\n    firstChild:\n    Fiber,\n    parentFiber: Fiber | null,\n    traverseSiblings: boolean,\n    traceNearestHostComponentUpdate:\n    boolean,\n  ) {\n    // Iterate over siblings rather than recursing.\n    // This reduces the chance of stack overflow for\n    wide trees (e.g. lists with many items).\n    let fiber: Fiber | null = firstChild;\n    while (fiber !== null) {\n      //\n      Generate an ID even for filtered Fibers, in case it's needed later (e.g. for Profiling).\n      getOrCreateFiberID(fiber);\n\n      if (__DEBUG__) {\n        debug('mountFiberRecursively()', fiber,\n        parentFiber);\n      }\n\n      // If we have the tree selection from previous reload, try to match this Fiber.\n      // Also\n      remember whether to do the same for siblings.\n      const mightSiblingsBeOnTrackedPath =\n      updateTrackedPathStateBeforeMount(\n        fiber,\n      );\n      const shouldIncludeInTree =\n      !shouldFilterFiber(fiber);\n      if (shouldIncludeInTree) {\n        recordMount(fiber, parentFiber);\n      }\n\n      if\n      (traceUpdatesEnabled) {\n        if (traceNearestHostComponentUpdate) {\n          const elementType =\n          getElementTypeInfo(fiber);\n          // If an ancestor updated, we should mark the nearest host nodes for\n          highlighting.\n          if (elementType === ElementTypeHostComponent) {\n            traceUpdatesForNodes.add(fiber.stateNode);\n            traceNearestHostComponentUpdate = false;\n          }\n        }\n\n        // We intentionally do not re-enable the traceNearestHostComponentUpdate flag in this branch,\n        // because we don't want to highlight every host node inside of a newly mounted subtree.\n      }\n\n      const\n      isSuspense = fiber.tag === ReactTypeOfWork.SuspenseComponent;\n      if (isSuspense) {\n        const isTimedOut\n        = fiber.memoizedState !== null;\n        if (isTimedOut) {\n          // Special case: if Suspense mounts in a timed-out\n          state,\n          // get the fallback child from the inner fragment and mount\n          // it as if it was our own child.\n          Updates handle this too.\n          const primaryChildFragment = fiber.child;\n          const fallbackChildFragment =\n          primaryChildFragment\n            ? primaryChildFragment.sibling\n            : null;\n          const fallbackChild =\n          fallbackChildFragment\n            ? fallbackChildFragment.child\n            : null;\n          if (fallbackChild !== null) {\n            mountFiberRecursively(\n              fallbackChild,\n              shouldIncludeInTree ? fiber : parentFiber,\n              true,\n              traceNearestHostComponentUpdate,\n            );\n          }\n        } else {\n          let primaryChild:\n          Fiber | null = null;\n          const areSuspenseChildrenConditionallyWrapped =\n            OffscreenComponent === -\n            1;\n          if (areSuspenseChildrenConditionallyWrapped) {\n            primaryChild = fiber.child;\n          } else if\n          (fiber.child !== null) {\n            primaryChild = fiber.child.child;\n          }\n          if (primaryChild !== null) {\n            mountFiberRecursively(\n              primaryChild,\n              shouldIncludeInTree ? fiber : parentFiber,\n              true,\n              traceNearestHostComponentUpdate,\n            );\n          }\n        } else {\n          if (fiber.child\n          !== null) {\n            mountFiberRecursively(\n              fiber.child,\n              shouldIncludeInTree ? fiber :\n              parentFiber,\n              true,\n              traceNearestHostComponentUpdate,\n            );\n          }\n        }\n\n        // We're\n        exiting this Fiber now, and entering its siblings.\n        // If we have selection to restore, we might need to re-activate\n        tracking.\n        updateTrackedPathStateAfterMount(mightSiblingsBeOnTrackedPath);\n\n        fiber = traverseSiblings\n        ? fiber.sibling : null;\n      }\n    }\n\n    // We use this to simulate unmounting for Suspense trees\n    // when we switch\n    from primary to fallback.\n    function unmountFiberChildrenRecursively(fiber: Fiber) {\n      if (__DEBUG__) {\n        debug('unmountFiberChildrenRecursively()', fiber);\n      }\n\n      // We might meet a nested Suspense on our way.\n      const isTimedOutSuspense =\n        fiber.tag === ReactTypeOfWork.SuspenseComponent &&\n        fiber.memoizedState !== null;\n      let child = fiber.child;\n      if (isTimedOutSuspense) {\n        // If it's showing\n        fallback tree, let's traverse it instead.\n        const primaryChildFragment = fiber.child;\n        const\n        fallbackChildFragment = primaryChildFragment\n          ? primaryChildFragment.sibling\n          : null;\n        // Skip

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over to the real Fiber child.\n    child = fallbackChildFragment ? fallbackChildFragment.child : null;\n    }\n\nwhile (child !== null) {\n    // Record simulated unmounts children-first.\n    // We skip nodes without return\nbecause those are real unmounts.\n    if (child.return !== null) {\n        unmountFiberChildrenRecursively(child);\n        recordUnmount(child, true);\n    }\n    child = child.sibling;\n    }\n}\n\nfunction\nrecordProfilingDurations(fiber: Fiber) {\n    const id = getFiberIDThrows(fiber);\n    const {actualDuration,\ntreeBaseDuration} = fiber;\n    idToTreeBaseDurationMap.set(id, treeBaseDuration || 0);\n\n    if (isProfiling) {\n        const {alternate} = fiber;\n        // It's important to update treeBaseDuration even if the current Fiber did not\nrender,\n        // because it's possible that one of its descendants did.\n        if (\n            alternate === null ||\n            treeBaseDuration !== alternate.treeBaseDuration\n        ) {\n            // Tree base duration updates are included in the\noperations typed array.\n            // So we have to convert them from milliseconds to microseconds so we can send them\nas ints.\n            const convertedTreeBaseDuration = Math.floor(\n                (treeBaseDuration || 0) * 1000,\n            );\n            pushOperation(TREE_OPERATION_UPDATE_TREE_BASE_DURATION);\n            pushOperation(id);\n            pushOperation(convertedTreeBaseDuration);\n        }\n        if (alternate === null || didFiberRender(alternate, fiber))\n        {\n            if (actualDuration !== null) {\n                // The actual duration reported by React includes time spent working on\nchildren.\n                // This is useful information, but it's also useful to be able to exclude child durations.\n                // The\nfrontend can't compute this, since the immediate children may have been filtered out.\n                // So we need to do this\non the backend.\n                // Note that this calculated self duration is not the same thing as the base duration.\n                //\nThe two are calculated differently (tree duration does not accumulate).\n                let selfDuration = actualDuration;\n                let child = fiber.child;\n                while (child !== null) {\n                    selfDuration -= child.actualDuration || 0;\n                    child = child.sibling;\n                }\n                // If profiling is active, store durations for elements that were rendered\nduring the commit.\n                // Note that we should do this for any fiber we performed work on, regardless of its\nactualDuration value.\n                // In some cases actualDuration might be 0 for fibers we worked on (particularly if\nwe're using Date.now)\n                // In other cases (e.g. Memo) actualDuration might be greater than 0 even if we\n\"bailed out\".\n                const metadata = ((currentCommitProfilingMetadata: any): CommitProfilingData);\n                metadata.durations.push(id, actualDuration, selfDuration);\n                metadata.maxActualDuration = Math.max(\n                    metadata.maxActualDuration,\n                    actualDuration,\n                );\n                if (recordChangeDescriptions) {\n                    const changeDescription = getChangeDescription(alternate, fiber);\n                    if (changeDescription !== null) {\n                        if (metadata.changeDescriptions !== null) {\n                            metadata.changeDescriptions.set(id, changeDescription);\n                        }\n                    }\n                }\n                updateContextsForFiber(fiber);\n            }\n        }\n    }\n}\n\nfunction\nrecordResetChildren(fiber: Fiber, childSet: Fiber) {\n    if (__DEBUG__) {\n        debug('recordResetChildren()',\n            childSet, fiber);\n    }\n    // The frontend only really cares about the displayName, key, and children.\n    // The first\ntwo don't really change, so we are only concerned with the order of children here.\n    // This is trickier than a simple\ncomparison though, since certain types of fibers are filtered.\n    const nextChildren: Array<number> = [];\n    //\nThis is a naive implementation that shallowly recurses children.\n    // We might want to revisit this if it proves to\nbe too inefficient.\n    let child = childSet;\n    while (child !== null) {\n        findReorderedChildrenRecursively(child, nextChildren);\n        child = child.sibling;\n    }\n    const numChildren =\nnextChildren.length;\n    if (numChildren < 2) {\n        // No need to reorder.\n        return;\n    }\n    pushOperation(TREE_OPERATION_REORDER_CHILDREN);\n    pushOperation(getFiberIDThrows(fiber));\n    pushOperation(numChildren);\n    for (let i = 0; i < nextChildren.length; i++) {\n        pushOperation(nextChildren[i]);\n    }\n}\n\nfunction findReorderedChildrenRecursively(\n    fiber: Fiber,\n    nextChildren: Array<number>,\n) {\n    if (!shouldFilterFiber(fiber)) {\n        nextChildren.push(getFiberIDThrows(fiber));\n    } else {\n        let child = fiber.child;\n        const\nisTimedOutSuspense =\n            fiber.tag === SuspenseComponent && fiber.memoizedState !== null;\n        if\n(isTimedOutSuspense) {\n            // Special case: if Suspense mounts in a timed-out state,\n            // get the fallback\nchild from the inner fragment,\n            // and skip over the primary child.\n            const primaryChildFragment =\n                fiber.child;\n            const fallbackChildFragment = primaryChildFragment\n                ? primaryChildFragment.sibling\n                : null;\n            const fallbackChild = fallbackChildFragment\n                ? fallbackChildFragment.child\n                : null;\n            if (fallbackChild !== null) {\n                child = fallbackChild;\n            }\n        }\n        while (child !== null) {\n

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findReorderedChildrenRecursively(child, nextChildren);\n    child = child.sibling;\n    }\n  }\n}\n\n // Returns whether closest unfiltered fiber parent needs to reset its child list.\nfunction updateFiberRecursively(\n  nextFiber: Fiber,\n  prevFiber: Fiber,\n  parentFiber: Fiber | null,\n  traceNearestHostComponentUpdate: boolean,\n  ): boolean {\n  const id = getOrGenerateFiberID(nextFiber);\n\n  if (__DEBUG__) {\n    debug('updateFiberRecursively()', nextFiber, parentFiber);\n  }\n\n  if (traceUpdatesEnabled) {\n    const elementType = getElementTypeInfoForFiber(nextFiber);\n    if (traceNearestHostComponentUpdate) {\n      // If an ancestor updated, we should mark the nearest host nodes for highlighting.\n      if (elementType === ElementTypeHostComponent) {\n        traceUpdatesForNodes.add(nextFiber.stateNode);\n        traceNearestHostComponentUpdate = false;\n      }\n    } else {\n      if (\n        elementType === ElementTypeFunction ||\n        elementType === ElementTypeClass ||\n        elementType === ElementTypeContext ||\n        elementType === ElementTypeMemo ||\n        elementType === ElementTypeForwardRef\n      ) {\n        // Otherwise if this is a traced ancestor, flag for the nearest host descendant(s).\n        traceNearestHostComponentUpdate = didFiberRender(\n          prevFiber,\n          nextFiber,\n        );\n      }\n    }\n  }\n\n  if (\n    mostRecentlyInspectedElement !== null &&\n    mostRecentlyInspectedElement.id === id &&\n    didFiberRender(prevFiber, nextFiber)\n  ) {\n    // If this Fiber has updated, clear cached inspected data.\n    // If it is inspected again, it may need to be re-run to obtain updated hooks values.\n    hasElementUpdatedSinceLastInspected = true;\n  }\n\n  const shouldIncludeInTree = !shouldFilterFiber(nextFiber);\n  const isSuspense = nextFiber.tag === SuspenseComponent;\n  let shouldResetChildren = false;\n  // The behavior of timed-out Suspense trees is unique.\n  // Rather than unmount the timed out content (and possibly lose important state),\n  // React re-parents this content within a hidden Fragment while the fallback is showing.\n  // This behavior doesn't need to be observable in the DevTools though.\n  // It might even result in a bad user experience for e.g. node selection in the Elements panel.\n  // The easiest fix is to strip out the intermediate Fragment fibers,\n  // so the Elements panel and Profiler don't need to special case them.\n  // Suspense components only have a non-null memoizedState if they're timed-out.\n  const prevDidTimeout = isSuspense && prevFiber.memoizedState !== null;\n  const nextDidTimeout = isSuspense && nextFiber.memoizedState !== null;\n  // The logic below is inspired by the code paths in updateSuspenseComponent()\n  // inside ReactFiberBeginWork in the React source code.\n  if (prevDidTimeout && nextDidTimeout) {\n    // Fallback -> Fallback:\n    // 1. Reconcile fallback set.\n    const nextFiberChild = nextFiber.child;\n    const nextFallbackChildSet = nextFiberChild\n      ? nextFiberChild.sibling\n      : null;\n    // Note: We can't use nextFiber.child.sibling.alternate\n    // because the set is special and alternate may not exist.\n    const prevFiberChild = prevFiber.child;\n    const prevFallbackChildSet = prevFiberChild\n      ? prevFiberChild.sibling\n      : null;\n    if (\n      nextFallbackChildSet !== null &&\n      prevFallbackChildSet !== null &&\n      updateFiberRecursively(\n        nextFallbackChildSet,\n        prevFallbackChildSet,\n        nextFiber,\n        traceNearestHostComponentUpdate,\n      )\n    ) {\n      shouldResetChildren = true;\n    }\n  } else if (prevDidTimeout && !nextDidTimeout) {\n    // Fallback -> Primary:\n    // 1. Unmount fallback set\n    // Note: don't emulate fallback unmount because React actually did it.\n    // 2. Mount primary set\n    const nextPrimaryChildSet = nextFiber.child;\n    if (nextPrimaryChildSet !== null) {\n      mountFiberRecursively(\n        nextPrimaryChildSet,\n        shouldIncludeInTree ? nextFiber : parentFiber,\n        true,\n        traceNearestHostComponentUpdate,\n      );\n      shouldResetChildren = true;\n    } else if (!prevDidTimeout && nextDidTimeout) {\n      // Primary -> Fallback:\n      // 1. Hide primary set\n      // This is not a real unmount, so it won't get reported by React.\n      // We need to manually walk the previous tree and record unmounts.\n      unmountFiberChildrenRecursively(prevFiber);\n      // 2. Mount fallback set\n      const nextFiberChild = nextFiber.child;\n      const nextFallbackChildSet = nextFiberChild\n        ? nextFiberChild.sibling\n        : null;\n      if (nextFallbackChildSet !== null) {\n        mountFiberRecursively(\n          nextFallbackChildSet,\n          shouldIncludeInTree ? nextFiber : parentFiber,\n          true,\n          traceNearestHostComponentUpdate,\n        );\n        shouldResetChildren = true;\n      }\n    } else {\n      // Common case: Primary -> Primary.\n      // This is the same code path as for non-Suspense fibers.\n      if (nextFiber.child !== prevFiber.child) {\n        // If the first child is different, we need to traverse them.\n        // Each next child will be

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either a new child (mount) or an alternate (update).\n    let nextChild = nextFiber.child;\n    let
prevChildAtSameIndex = prevFiber.child;\n    while (nextChild) {\n        // We already know children will be
referentially different because\n        // they are either new mounts or alternates of previous children.\n        //
Schedule updates and mounts depending on whether alternates exist.\n        // We don't track deletions here because
they are reported separately.\n        if (nextChild.alternate) {\n            const prevChild = nextChild.alternate;\n            if (\n                updateFiberRecursively(\n                    nextChild,\n                    prevChild,\n                    shouldIncludeInTree
? nextFiber : parentFiber,\n                    traceNearestHostComponentUpdate,\n                    )\n                ) {\n                    // If a
nested tree child order changed but it can't handle its own\n                    // child order invalidation (e.g. because it's
filtered out like host nodes),\n                    // propagate the need to reset child order upwards to this Fiber.\n                    shouldResetChildren = true;\n                }\n                // However we also keep track if the order of the children matches\n
                // the previous order. They are always different referentially, but\n                // if the instances line up
conceptually we'll want to know that.\n                if (prevChild !== prevChildAtSameIndex) {\n                    shouldResetChildren = true;\n                }\n            } else {\n                mountFiberRecursively(\n                    nextChild,\n                    shouldIncludeInTree ? nextFiber : parentFiber,\n                    false,\n                    traceNearestHostComponentUpdate,\n                    );\n                shouldResetChildren = true;\n            }\n            // Try the next child.\n            nextChild =
nextChild.sibling;\n            // Advance the pointer in the previous list so that we can\n            // keep comparing if they
line up.\n            if (!shouldResetChildren && prevChildAtSameIndex !== null) {\n                prevChildAtSameIndex =
prevChildAtSameIndex.sibling;\n            }\n            // If we have no more children, but used to, they don't line
up.\n            if (prevChildAtSameIndex !== null) {\n                shouldResetChildren = true;\n            }\n        } else {\n            if
(traceUpdatesEnabled) {\n                // If we're tracing updates and we've bailed out before reaching a host node,\n
// we should fall back to recursively marking the nearest host descendants for highlight.\n                if
(traceNearestHostComponentUpdate) {\n                    const hostFibers = findAllCurrentHostFibers(\n                        getFiberIDThrows(nextFiber),\n                        );\n                    hostFibers.forEach(hostFiber => {\n                        traceUpdatesForNodes.add(hostFiber.stateNode);\n                    });\n                }\n            }\n            if
(shouldIncludeInTree) {\n                const isProfilingSupported = nextFiber.hasOwnProperty('treeBaseDuration');\n                if
(isProfilingSupported) {\n                    recordProfilingDurations(nextFiber);\n                }\n            }\n            if (shouldResetChildren) {\n                // We need to crawl the subtree for closest non-filtered Fibers\n                // so that we can display them in a flat children
set.\n                if (shouldIncludeInTree) {\n                    // Normally, search for children from the rendered child.\n                    let
nextChildSet = nextFiber.child;\n                    if (nextDidTimeOut) {\n                        // Special case: timed-out Suspense renders the
fallback set.\n                        const nextFiberChild = nextFiber.child;\n                        nextChildSet = nextFiberChild ?
nextFiberChild.sibling : null;\n                    }\n                    if (nextChildSet !== null) {\n                        recordResetChildren(nextFiber,
nextChildSet);\n                    }\n                    // We've handled the child order change for this Fiber.\n                    // Since it's included,
there's no need to invalidate parent child order.\n                    return false;\n                } else {\n                    // Let the closest unfiltered
parent Fiber reset its child order instead.\n                    return true;\n                }\n            } else {\n                return false;\n            }\n        }\n    }\n\n    function cleanup() {\n        // We don't patch any methods so there is no cleanup.\n    }\n\n    function
rootSupportsProfiling(root) {\n        if (root.memoizedInteractions !== null) {\n            // v16 builds include this field for the
scheduler/tracing API.\n            return true;\n        } else if (\n            root.current !== null &&\n            root.current.hasOwnProperty('treeBaseDuration')\n        ) {\n            // The scheduler/tracing API was removed in v17
though\n            // so we need to check a non-root Fiber.\n            return true;\n        } else {\n            return false;\n        }\n    }\n\n    function flushInitialOperations() {\n        const localPendingOperationsQueue = pendingOperationsQueue;\n        pendingOperationsQueue = null;\n        if (\n            localPendingOperationsQueue !== null &&\n            localPendingOperationsQueue.length > 0\n        ) {\n            // We may have already queued up some operations before the
frontend connected\n            // If so, let the frontend know about them.\n            localPendingOperationsQueue.forEach(operations => {\n                hook.emit('operations', operations);\n            });\n        } else {\n            // Before the traversals, remember to start tracking\n            // our path in case we have selection to restore.\n            if (trackedPath !== null) {\n                mightBeOnTrackedPath = true;\n            }\n            // If we have not been profiling, then
we can just walk the tree and build up its current state as-is.\n            hook.getFiberRoots(rendererID).forEach(root =>
{\n                currentRootID = getOrGenerateFiberID(root.current);\n                setRootPseudoKey(currentRootID,

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root.current);\n\n    // Handle multi-renderer edge-case where only some v16 renderers support profiling.\n    if\n    (isProfiling && rootSupportsProfiling(root)) {\n        // If profiling is active, store commit time and duration.\n        // The frontend may request this information after profiling has stopped.\n        currentCommitProfilingMetadata =\n        {\n            changeDescriptions: recordChangeDescriptions ? new Map() : null,\n            durations: [],\n            commitTime: getCurrentTime() - profilingStartTime,\n            maxActualDuration: 0,\n            priorityLevel: null,\n            updaters: getUpdatersList(root),\n            effectDuration: null,\n            passiveEffectDuration: null,\n        };\n        mountFiberRecursively(root.current, null, false, false);\n        flushPendingEvents(root);\n        currentRootID = -1;\n    });\n\n    function getUpdatersList(root): Array<SerializedElement> | null {\n        return root.memoizedUpdaters != null\n            ? Array.from(root.memoizedUpdaters)\n                .filter(fiber =>\n                getFiberIDUnsafe(fiber) !== null)\n                .map(fiberToSerializedElement)\n                : null;\n    }\n\n    function\n    handleCommitFiberUnmount(fiber) {\n        // This is not recursive.\n        // We can't traverse fibers after unmounting so\n        instead\n        // we rely on React telling us about each unmount.\n        recordUnmount(fiber, false);\n    }\n\n    function\n    handlePostCommitFiberRoot(root) {\n        if (isProfiling && rootSupportsProfiling(root)) {\n            if\n            (currentCommitProfilingMetadata !== null) {\n                const {effectDuration, passiveEffectDuration} =\n                getEffectDurations(\n                    root,\n                );\n                currentCommitProfilingMetadata.effectDuration = effectDuration;\n                currentCommitProfilingMetadata.passiveEffectDuration = passiveEffectDuration;\n            }\n        }\n    }\n\n    function\n    handleCommitFiberRoot(root, priorityLevel) {\n        const current = root.current;\n        const alternate =\n        current.alternate;\n        // Flush any pending Fibers that we are untracking before processing the new commit.\n        // If\n        // we don't do this, we might end up double-deleting Fibers in some cases (like Legacy Suspense).\n        untrackFibers();\n        currentRootID = getOrGenerateFiberID(current);\n        // Before the traversals, remember to\n        start tracking\n        // our path in case we have selection to restore.\n        if (trackedPath !== null) {\n            mightBeOnTrackedPath = true;\n        }\n        if (traceUpdatesEnabled) {\n            traceUpdatesForNodes.clear();\n        }\n\n        // Handle multi-renderer edge-case where only some v16 renderers support profiling.\n        const\n        isProfilingSupported = rootSupportsProfiling(root);\n        if (isProfiling && isProfilingSupported) {\n            // If\n            profiling is active, store commit time and duration.\n            // The frontend may request this information after profiling\n            has stopped.\n            currentCommitProfilingMetadata = {\n                changeDescriptions: recordChangeDescriptions ? new\n                Map() : null,\n                durations: [],\n                commitTime: getCurrentTime() - profilingStartTime,\n                maxActualDuration: 0,\n                priorityLevel:\n                priorityLevel == null ? null :\n                formatPriorityLevel(priorityLevel),\n                updaters: getUpdatersList(root),\n            }\n            // Initialize to null; if new\n            enough React version is running,\n            // these values will be read during separate handlePostCommitFiberRoot()\n            call.\n            effectDuration: null,\n            passiveEffectDuration: null,\n        };\n        if (alternate) {\n            // TODO:\n            relying on this seems a bit fishy.\n            const wasMounted =\n            alternate.memoizedState != null &&\n            alternate.memoizedState.element != null;\n            const isMounted =\n            current.memoizedState != null &&\n            current.memoizedState.element != null;\n            if (!wasMounted && isMounted) {\n                // Mount a new root.\n                setRootPseudoKey(currentRootID, current);\n                mountFiberRecursively(current, null, false, false);\n            } else if\n            (wasMounted && !isMounted) {\n                // Update an existing root.\n                updateFiberRecursively(current, alternate,\n                null, false);\n            } else if (wasMounted && !isMounted) {\n                // Unmount an existing root.\n                removeRootPseudoKey(currentRootID);\n                recordUnmount(current, false);\n            }\n        } else {\n            // Mount a\n            new root.\n            setRootPseudoKey(currentRootID, current);\n            mountFiberRecursively(current, null, false,\n            false);\n        }\n        if (isProfiling && isProfilingSupported) {\n            // Make sure at least one Fiber performed work\n            during this commit.\n            // If not, don't send it to the frontend; showing an empty commit in the Profiler is\n            confusing.\n            if (\n                currentCommitProfilingMetadata != null &&\n                currentCommitProfilingMetadata.durations.length > 0\n            ) {\n                const commitProfilingMetadata =\n                ((rootToCommitProfilingMetadataMap: any): CommitProfilingMetadataMap).get(\n                    currentRootID,\n                );\n                if (commitProfilingMetadata != null) {\n                    commitProfilingMetadata.push(\n                        ((currentCommitProfilingMetadata: any): CommitProfilingData),\n                    );\n                } else {\n                    ((rootToCommitProfilingMetadataMap: any): CommitProfilingMetadataMap).set(\n                        currentRootID,\n                        [((currentCommitProfilingMetadata: any): CommitProfilingData)],\n                    );\n                }\n            }\n        }\n        // We're

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done here.\n flushPendingEvents(root);\n\n if (traceUpdatesEnabled) {\n   hook.emit('traceUpdates',\n   traceUpdatesForNodes);\n } \n\n currentRootID = -1;\n }\n\n function findAllCurrentHostFibers(id: number):\n $ReadOnlyArray<Fiber> {\n   const fibers = [];\n   const fiber = findCurrentFiberUsingSlowPathById(id);\n   if\n (!fiber) {\n     return fibers;\n   }\n\n   // Next we'll drill down this component to find all HostComponent/Text.\n   let node: Fiber = fiber;\n   while (true) {\n     if (node.tag === HostComponent || node.tag === HostText) {\n       fibers.push(node);\n     } else if (node.child) {\n       node.child.return = node;\n       node = node.child;\n       continue;\n     } \n     if (node === fiber) {\n       return fibers;\n     } \n     while (!node.sibling) {\n       if\n (!node.return || node.return === fiber) {\n         return fibers;\n       } \n       node = node.return;\n     } \n     node.sibling.return = node.return;\n     node = node.sibling;\n   } \n   // Flow needs the return here, but ESLint\n   complains about it.\n   // eslint-disable-next-line no-unreachable\n   return fibers;\n } \n\n function\n findNativeNodesForFiberID(id: number) {\n   try {\n     let fiber = findCurrentFiberUsingSlowPathById(id);\n     if (fiber === null) {\n       return null;\n     } \n     // Special case for a timed-out Suspense.\n     const\n     isTimedOutSuspense =\n       fiber.tag === SuspenseComponent && fiber.memoizedState !== null;\n     if\n     (isTimedOutSuspense) {\n       // A timed-out Suspense's findDOMNode is useless.\n       // Try our best to find the\n       fallback directly.\n       const maybeFallbackFiber = fiber.child && fiber.child.sibling;\n       if\n       (maybeFallbackFiber != null) {\n         fiber = maybeFallbackFiber;\n       } \n     } \n     const hostFibers =\n     findAllCurrentHostFibers(id);\n     return hostFibers.map(hostFiber => hostFiber.stateNode).filter(Boolean);\n   } \n   catch (err) {\n     // The fiber might have unmounted by now.\n     return null;\n   } \n } \n\n function\n getDisplayNameForFiberID(id) {\n   const fiber = idToArbitraryFiberMap.get(id);\n   return fiber != null ?\n   getDisplayNameForFiber(((fiber: any): Fiber)): null;\n } \n\n function getFiberIDForNative(\n   hostInstance,\n   findNearestUnfilteredAncestor = false,\n ) {\n   let fiber = renderer.findFiberByHostInstance(hostInstance);\n   if\n   (fiber != null) {\n     if (findNearestUnfilteredAncestor) {\n       while (fiber !== null && shouldFilterFiber(fiber))\n       {\n         fiber = fiber.return;\n       } \n     } \n     return getFiberIDThrows(((fiber: any): Fiber));\n   } \n   return\n   null;\n } \n\n // This function is copied from React and should be kept in sync:\n //\n // https://github.com/facebook/react/blob/main/packages/react-reconciler/src/ReactFiberTreeReflection.js\n function\n assertIsMounted(fiber) {\n   if (getNearestMountedFiber(fiber) !== fiber) {\n     throw new Error('Unable to find\n     node on an unmounted component.);\n   } \n } \n\n // This function is copied from React and should be kept in\n   sync:\n   // https://github.com/facebook/react/blob/main/packages/react-reconciler/src/ReactFiberTreeReflection.js\n function\n   getNearestMountedFiber(fiber: Fiber): null | Fiber {\n     let node = fiber;\n     let nearestMounted = fiber;\n     if\n     (!fiber.alternate) {\n       // If there is no alternate, this might be a new tree that isn't inserted\n       // yet. If it is, then\n       it will have a pending insertion effect on it.\n       let nextNode = node;\n       do {\n         node = nextNode;\n         if\n         (((node.flags & (Placement | Hydrating)) !== NoFlags) {\n           // This is an insertion or in-progress hydration. The\n           nearest possible\n           // mounted fiber is the parent but we need to continue to figure out\n           // if that one is\n           still mounted.\n           nearestMounted = node.return;\n         } \n         nextNode = node.return;\n       } while\n       (nextNode);\n     } else {\n       while (node.return) {\n         node = node.return;\n       } \n     } \n     if (node.tag ===\n     HostRoot) {\n       // TODO: Check if this was a nested HostRoot when used with\n       //\n       renderContainerIntoSubtree.\n       return nearestMounted;\n     } \n     // If we didn't hit the root, that means that we're\n     in an disconnected tree\n     // that has been unmounted.\n     return null;\n   } \n\n // This function is copied from React\n   and should be kept in sync:\n   // https://github.com/facebook/react/blob/main/packages/react-\n   reconciler/src/ReactFiberTreeReflection.js\n // It would be nice if we updated React to inject this function directly\n   (vs just indirectly via findDOMNode).\n // BEGIN copied code\n function\n   findCurrentFiberUsingSlowPathById(id: number): Fiber | null {\n     const fiber = idToArbitraryFiberMap.get(id);\n     if (fiber == null) {\n       console.warn('Could not find Fiber with id \"${id}\"');\n       return null;\n     } \n     const\n     alternate = fiber.alternate;\n     if (!alternate) {\n       // If there is no alternate, then we only need to check if it is\n       mounted.\n       const nearestMounted = getNearestMountedFiber(fiber);\n       if (nearestMounted === null) {\n         throw new Error('Unable to find node on an unmounted component.);\n       } \n     } \n     if (nearestMounted !== fiber)\n     {\n       return null;\n     } \n     return fiber;\n   } \n\n // If we have two possible branches, we'll walk backwards up\n   to the root\n   // to see what path the root points to. On the way we may hit one of the\n   // special cases and we'll

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deal with them.\n let a: Fiber = fiber;\n let b: Fiber = alternate;\n while (true) {\n const parentA = a.return;\n if (parentA === null) {\n // We're at the root.\n break;\n }\n const parentB = parentA.alternate;\n if (parentB === null) {\n // There is no alternate. This is an unusual case. Currently, it only\n // happens when a Suspense component is hidden. An extra fragment fiber\n // is inserted in between the Suspense fiber and its children. Skip\n // over this extra fragment fiber and proceed to the next parent.\n const nextParent = parentA.return;\n if (nextParent !== null) {\n a = b = nextParent;\n continue;\n }\n // If there's no parent, we're at the root.\n break;\n }\n\n // If both copies of the parent fiber point to the same child, we can\n // assume that the child is current. This happens when we bailout on low\n // priority: the bailed out fiber's child reuses the current child.\n if (parentA.child === parentB.child) {\n let child = parentA.child;\n while (child) {\n if (child === a) {\n // We've determined that A is the current branch.\n assertIsMounted(parentA);\n return fiber;\n }\n if (child === b) {\n // We've determined that B is the current branch.\n assertIsMounted(parentA);\n return alternate;\n }\n child = child.sibling;\n }\n\n // We should never have an alternate for any mounting node. So the only\n // way this could possibly happen is if this was unmounted, if at all.\n throw new Error("Unable to find node on an unmounted component.");\n }\n\n if (a.return !== b.return) {\n // The return pointer of A and the return pointer of B point to different\n // fibers. We assume that return pointers never criss-cross, so A must\n // belong to the child set of A.return, and B must belong to the child\n // set of B.return.\n a = parentA;\n b = parentB;\n } else {\n // The return pointers point to the same fiber. We'll have to use the\n // default, slow path: scan the child sets of each parent alternate to see\n // which child belongs to which set.\n\n // Search parent A's child set\n let didFindChild = false;\n let child = parentA.child;\n while (child) {\n if (child === a) {\n didFindChild = true;\n a = parentA;\n b = parentB;\n break;\n }\n if (child === b) {\n didFindChild = true;\n b = parentA;\n a = parentB;\n break;\n }\n child = child.sibling;\n }\n if (!didFindChild) {\n // Search parent B's child set\n child = parentB.child;\n while (child) {\n if (child === a) {\n didFindChild = true;\n a = parentB;\n b = parentA;\n break;\n }\n if (child === b) {\n didFindChild = true;\n b = parentB;\n a = parentA;\n break;\n }\n child = child.sibling;\n }\n\n if (!didFindChild) {\n throw new Error(\n 'Child was not found in either parent set. This indicates a bug '\n +\n 'in React related to the return pointer. Please file an issue.',\n );\n }\n }\n\n if (a.alternate !== b) {\n throw new Error(\n '\nReturn fibers should always be each others' alternates. '\n +\n 'This error is likely caused by a bug in React. Please file an issue.',\n );\n }\n }\n\n // If the root is not a host container, we're in a disconnected tree. I.e.\n // unmounted.\n if (a.tag !== HostRoot) {\n throw new Error("Unable to find node on an unmounted component.");\n }\n\n if (a.stateNode.current === a) {\n // We've determined that A is the current branch.\n return fiber;\n }\n // Otherwise B has to be current branch.\n return alternate;\n }\n\n // END copied code\n\n function prepareViewAttributeSource(\n id: number,\n path: Array<string | number>,\n ): void {\n if (isMostRecentlyInspectedElement(id)) {\n window.$attribute = getInObject(\n ((mostRecentlyInspectedElement: any): InspectedElement),\n path,\n );\n }\n }\n\n function prepareViewElementSource(id: number): void {\n const fiber = idToArbitraryFiberMap.get(id);\n if (fiber == null) {\n console.warn("Could not find Fiber with id \"${id}\"");\n return;\n }\n\n const {elementType, tag, type} = fiber;\n\n switch (tag) {\n case ClassComponent:\n case IncompleteClassComponent:\n case IndeterminateComponent:\n case FunctionComponent:\n global.$type = type;\n break;\n case ForwardRef:\n global.$type = type.render;\n break;\n case MemoComponent:\n case SimpleMemoComponent:\n global.$type =\n elementType != null && elementType.type != null\n ? elementType.type\n : type;\n break;\n default:\n global.$type = null;\n break;\n }\n }\n\n function fiberToSerializedElement(fiber: Fiber): SerializedElement {\n return {\n displayName: getDisplayNameForFiber(fiber) || 'Anonymous',\n id: getFiberIDThrows(fiber),\n key: fiber.key,\n type: getElementTypeInfo(fiber),\n }; }\n\n function getOwnersList(id: number): Array<SerializedElement> | null {\n const fiber = findCurrentFiberUsingSlowPathById(id);\n if (fiber == null) {\n return null;\n }\n }

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const { _debugOwner } = fiber;\n\n  const owners: Array<SerializedElement> =
[fiberToSerializedElement(fiber)];\n\n  if (_debugOwner) {\n    let owner = _debugOwner;\n    while (owner !==
null) {\n      owners.unshift(fiberToSerializedElement(owner));\n      owner = owner._debugOwner || null;\n    }\n  }\n\n  return owners;\n}\n\n// Fast path props lookup for React Native style editor.\n// Could use
inspectElementRaw() but that would require shallow rendering hooks components,\n// and could also mess with
memoization.\nfunction getInstanceAndStyle(id: number): InstanceAndStyle {\n  let instance = null;\n  let style
= null;\n\n  const fiber = findCurrentFiberUsingSlowPathById(id);\n  if (fiber !== null) {\n    instance =
fiber.stateNode;\n\n    if (fiber.memoizedProps !== null) {\n      style = fiber.memoizedProps.style;\n    }\n  }\n\n  return { instance, style };\n}\n\nfunction isErrorBoundary(fiber: Fiber): boolean {\n  const { tag, type } =
fiber;\n\n  switch (tag) {\n    case ClassComponent:\n    case IncompleteClassComponent:\n      const instance =
fiber.stateNode;\n      return (\n        typeof type.getDerivedStateFromError === 'function' ||\n        (instance !==
null &&\n          typeof instance.componentDidCatch === 'function')\n      );\n    default:\n      return false;\n  }\n}\n\nfunction getNearestErrorBoundaryID(fiber: Fiber): number | null {\n  let parent = fiber.return;\n  while
(parent !== null) {\n    if (isErrorBoundary(parent)) {\n      return getFiberIDUnsafe(parent);\n    }\n    parent =
parent.return;\n  }\n  return null;\n}\n\nfunction inspectElementRaw(id: number): InspectedElement | null {\n  const fiber = findCurrentFiberUsingSlowPathById(id);\n  if (fiber === null) {\n    return null;\n  }\n\n  const {\n    _debugOwner,\n    _debugSource,\n    stateNode,\n    key,\n    memoizedProps,\n    memoizedState,\n    dependencies,\n    tag,\n    type,\n  } = fiber;\n\n  const elementType = getElementTypeInfo(fiber);\n\n  const usesHooks =\n    (tag === FunctionComponent ||\n     tag === SimpleMemoComponent ||\n     tag === ForwardRef) &&\n    (!memoizedState || !dependencies);\n\n  // TODO Show custom UI for Cache like we do
for Suspense\n  // For now, just hide state data entirely since it's not meant to be inspected.\n  const showState =
!usesHooks && tag !== CacheComponent;\n\n  const typeSymbol = getTypeSymbol(type);\n\n  let
canViewSource = false;\n  let context = null;\n  if (\n    tag === ClassComponent ||\n    tag ===
FunctionComponent ||\n    tag === IncompleteClassComponent ||\n    tag === IndeterminateComponent ||\n    tag
=== MemoComponent ||\n    tag === ForwardRef ||\n    tag === SimpleMemoComponent\n  ) {\n    canViewSource = true;\n    if (stateNode && stateNode.context != null) {\n      // Don't show an empty context
object for class components that don't use the context API.\n      const shouldHideContext =\n        elementType\n        === ElementTypeClass &&\n        !(type.contextTypes || type.contextType);\n      if (!shouldHideContext) {\n        context = stateNode.context;\n      }\n    } else if (\n      typeSymbol === CONTEXT_NUMBER ||\n      typeSymbol === CONTEXT_SYMBOL_STRING\n    ) {\n      // 16.3-16.5 read from "type" because the
Consumer is the actual context object.\n      // 16.6+ should read from "type._context" because Consumer can be
different (in DEV).\n      // NOTE Keep in sync with getDisplayNameForFiber()\n      const
consumerResolvedContext = type._context || type;\n      // Global context value.\n      context =
consumerResolvedContext._currentValue || null;\n      // Look for overridden value.\n      let current = ((fiber: any):
Fiber).return;\n      while (current !== null) {\n        const currentType = current.type;\n        const
currentTypeSymbol = getTypeSymbol(currentType);\n        if (\n          currentTypeSymbol ===
PROVIDER_NUMBER ||\n          currentTypeSymbol === PROVIDER_SYMBOL_STRING\n        ) {\n          //
16.3.0 exposed the context object as "context"\n          // PR #12501 changed it to "_context" for 16.3.1+\n          //
NOTE Keep in sync with getDisplayNameForFiber()\n          const providerResolvedContext =\n            currentType._context || currentType.context;\n          if (providerResolvedContext === consumerResolvedContext)\n            {\n              context = current.memoizedProps.value;\n              break;\n            }\n          current =
current.return;\n        }\n      }\n\n      let hasLegacyContext = false;\n      if (context !== null) {\n        hasLegacyContext =
!!type.contextTypes;\n      }\n      // To simplify hydration and display logic for context, wrap in a value object.\n      //
Otherwise simple values (e.g. strings, booleans) become harder to handle.\n      context = { value: context };\n    }\n  }\n\n  let owners = null;\n  if (_debugOwner) {\n    owners = [];\n    let owner = _debugOwner;\n    while (owner !==
null) {\n      owners.push(fiberToSerializedElement(owner));\n      owner = owner._debugOwner || null;\n    }\n  }\n\n  const isTimedOutSuspense =\n    tag === SuspenseComponent && memoizedState !== null;\n\n  let
hooks = null;\n  if (usesHooks) {\n    const originalConsoleMethods = {};\n    // Temporarily disable all

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console logging before re-running the hook.\n    for (const method in console) {\n        try {\n
originalConsoleMethods[method] = console[method];\n        // $FlowFixMe property error|warn is not writable.\n
        console[method] = () => {};\n        } catch (error) {} \n        }\n        \n        try {\n            hooks = inspectHooksOfFiber(\n
            fiber,\n            (renderer.currentDispatcherRef: any),\n            true, // Include source location info for hooks\n
);\n        } finally {\n            // Restore original console functionality.\n            for (const method in
originalConsoleMethods) {\n                try {\n                    // $FlowFixMe property error|warn is not writable.\n
                    console[method] = originalConsoleMethods[method];\n                } catch (error) {} \n                }\n            }\n        }\n        \n        let
rootType = null;\n        let current = fiber;\n        while (current.return !== null) {\n            current = current.return;\n        }\n
const fiberRoot = current.stateNode;\n        if (fiberRoot !== null && fiberRoot._debugRootType !== null) {\n
rootType = fiberRoot._debugRootType;\n        }\n        \n        const errors = fiberIDToErrorsMap.get(id) || new Map();\n
const warnings = fiberIDToWarningsMap.get(id) || new Map();\n        \n        const isErrored =\n        (fiber.flags &
DidCapture) !== NoFlags ||\n        forceErrorForFiberIDs.get(id) === true;\n        \n        let targetErrorBoundaryID;\n        if
(isErrorBoundary(fiber)) {\n            // if the current inspected element is an error boundary,\n            // either that we want to
use it to toggle off error state\n            // or that we allow to force error state on it if it's within another\n            // error
boundary\n            targetErrorBoundaryID = isErrored ? id : getNearestErrorBoundaryID(fiber);\n        } else {\n
targetErrorBoundaryID = getNearestErrorBoundaryID(fiber);\n        }\n        \n        const plugins: Plugins = {\n            stylex:
null,\n        };\n        \n        if (enableStyleXFeatures) {\n            if (memoizedProps.hasOwnProperty('xstyle')) {\n
plugins.stylex = getStyleXData(memoizedProps.xstyle);\n            }\n        }\n        \n        return {\n            id,\n            // Does the
current renderer support editable hooks and function props?\n            canEditHooks: typeof overrideHookState ===
'function',\n            canEditFunctionProps: typeof overrideProps === 'function',\n            // Does the current renderer
support advanced editing interface?\n            canEditHooksAndDeletePaths:\n            typeof overrideHookStateDeletePath
=== 'function',\n            canEditHooksAndRenamePaths:\n            typeof overrideHookStateRenamePath === 'function',\n
            canEditFunctionPropsDeletePaths:\n            typeof overridePropsDeletePath === 'function',\n
            canEditFunctionPropsRenamePaths:\n            typeof overridePropsRenamePath === 'function',\n            canToggleError:
supportsTogglingError && targetErrorBoundaryID !== null,\n            // Is this error boundary in error state.\n
isErrored,\n            targetErrorBoundaryID,\n            canToggleSuspense:\n            supportsTogglingSuspense &&\n            // If
it's showing the real content, we can always flip fallback.\n            (!isTimedOutSuspense ||\n            // If it's showing
fallback because we previously forced it to,\n            // allow toggling it back to remove the fallback override.\n
forceFallbackForSuspenseIDs.has(id)),\n            // Can view component source location.\n            canViewSource,\n            // Does the component have legacy context attached to it.\n
            hasLegacyContext,\n            key: key !== null ? key :
null,\n            displayName: getDisplayNameForFiber(fiber),\n            type: elementType,\n            // Inspectable
properties.\n            // TODO Review sanitization approach for the below inspectable values.\n            context,\n            hooks,\n
            props: memoizedProps,\n            state: showState ? memoizedState : null,\n            errors: Array.from(errors.entries()),\n
            warnings: Array.from(warnings.entries()),\n            // List of owners\n            owners,\n            // Location of component in
source code.\n            source: _debugSource || null,\n            rootType,\n            rendererPackageName:
renderer.rendererPackageName,\n            rendererVersion: renderer.version,\n            plugins,\n        };\n    }\n    \n    let
mostRecentlyInspectedElement: InspectedElement | null = null;\n    let hasElementUpdatedSinceLastInspected:
boolean = false;\n    let currentlyInspectedPaths: Object = {};\n    \n    function isMostRecentlyInspectedElement(id:
number): boolean {\n        return (\n            mostRecentlyInspectedElement !== null &&\n
            mostRecentlyInspectedElement.id === id\n        );\n    }\n    \n    function isMostRecentlyInspectedElementCurrent(id:
number): boolean {\n        return (\n            isMostRecentlyInspectedElement(id) &&
            !hasElementUpdatedSinceLastInspected\n        );\n    }\n    \n    // Track the intersection of currently inspected paths,\n    // so
that we can send their data along if the element is re-rendered.\n    function mergeInspectedPaths(path: Array<string |
number>) {\n        let current = currentlyInspectedPaths;\n        path.forEach(key => {\n            if (!current[key]) {\n
current[key] = {};\n            }\n            current = current[key];\n        });\n    }\n    \n    function createIsPathAllowed(\n        key: string
| null,\n        secondaryCategory: 'hooks' | null,\n    ) {\n        // This function helps prevent previously-inspected paths from
being dehydrated in updates.\n        // This is important to avoid a bad user experience where expanded toggles collapse
on update.\n        return function isPathAllowed(path: Array<string | number>): boolean {\n            switch

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(secondaryCategory) {\n    case 'hooks':\n        if (path.length === 1) {\n            // Never dehydrate the \"hooks\"
object at the top levels.\n            return true;\n        }\n        if (\n            path[path.length - 2] === 'hookSource'
&&\n            path[path.length - 1] === 'fileName'\n        ) {\n            // It's important to preserve the full file name
(URL) for hook sources\n            // in case the user has enabled the named hooks feature.\n            // Otherwise the
frontend may end up with a partial URL which it can't load.\n            return true;\n        }\n        if (\n            path[path.length - 1] === 'subHooks' ||\n            path[path.length - 2] === 'subHooks'\n        ) {\n            //
Dehydrating the 'subHooks' property makes the HooksTree UI a lot more complicated,\n            // so it's easiest for
now if we just don't break on this boundary.\n            // We can always dehydrate a level deeper (in the value
object).\n            return true;\n        }\n        break;\n        default:\n            break;\n    }\n\n    let current =\n    key === null ? currentlyInspectedPaths : currentlyInspectedPaths[key];\n    if (!current) {\n        return false;\n    }\n    for (let i = 0; i < path.length; i++) {\n        current = current[path[i]];\n        if (!current) {\n            return
false;\n        }\n    }\n    return true;\n};\n}\n\nfunction updateSelectedElement(inspectedElement:
InspectedElement): void {\n    const {hooks, id, props} = inspectedElement;\n\n    const fiber =
idToArbitraryFiberMap.get(id);\n    if (fiber === null) {\n        console.warn(`Could not find Fiber with id
\"${id}\"`);\n        return;\n    }\n\n    const {elementType, stateNode, tag, type} = fiber;\n\n    switch (tag) {\n        case
ClassComponent:\n            case IncompleteClassComponent:\n            case IndeterminateComponent:\n                global.$r =
stateNode;\n                break;\n            case FunctionComponent:\n                global.$r = {\n                    hooks,\n                    props,\n                    type,\n                };\n                break;\n            case ForwardRef:\n                global.$r = {\n                    hooks,\n                    props,\n                    type:
type.render,\n                };\n                break;\n            case MemoComponent:\n            case SimpleMemoComponent:\n                global.$r
= {\n                    hooks,\n                    props,\n                    type,\n                    elementType !== null && elementType.type !== null\n                ? elementType.type\n                    : type,\n                };\n                break;\n            default:\n                global.$r = null;\n                break;\n        }\n    }\n\n    function storeAsGlobal(\n        id: number,\n        path: Array<string | number>,\n        count: number,\n    ): void {\n        if (isMostRecentlyInspectedElement(id)) {\n            const value = getInObject(\n                ((mostRecentlyInspectedElement:
any): InspectedElement),\n                path,\n            );\n            const key = `reactTemp${count}`;\n            window[key] =
value;\n\n            console.log(key);\n            console.log(value);\n        }\n    }\n\n    function copyElementPath(id: number, path:
Array<string | number>): void {\n        if (isMostRecentlyInspectedElement(id)) {\n            copyToClipboard(\n                getInObject(\n                    ((mostRecentlyInspectedElement: any): InspectedElement),\n                    path,\n                ),\n            );\n        }\n    }\n\n    function inspectElement(\n        requestID: number,\n        id: number,\n        path: Array<string | number> | null,\n        forceFullData: boolean,\n    ): InspectedElementPayload {\n        if (path !== null) {\n            mergeInspectedPaths(path);\n        }\n\n        if (isMostRecentlyInspectedElement(id) && !forceFullData) {\n            if
(!hasElementUpdatedSinceLastInspected) {\n                if (path !== null) {\n                    let secondaryCategory = null;\n\n                    if (path[0] === 'hooks') {\n                        secondaryCategory = 'hooks';\n                    }\n\n                    // If this element has not been
updated since it was last inspected,\n                    // we can just return the subset of data in the newly-inspected path.\n                    return {\n                        id,\n                        responseID: requestID,\n                        type: 'hydrated-path',\n                        path,\n                        value:
cleanForBridge(\n                            getInObject(\n                                ((mostRecentlyInspectedElement: any): InspectedElement),\n                                path,\n                            ),\n                            createIsPathAllowed(null, secondaryCategory),\n                            path,\n                        ),\n                    };\n                } else {\n                    // If this element has not been updated since it was last inspected, we don't need to return
it.\n                    // Instead we can just return the ID to indicate that it has not changed.\n                    return {\n                        id,\n                        responseID: requestID,\n                        type: 'no-change',\n                    };\n                }\n            } else {\n                currentlyInspectedPaths = {};\n            }\n\n            hasElementUpdatedSinceLastInspected = false;\n\n            try {\n                mostRecentlyInspectedElement = inspectElementRaw(id);\n            } catch (error) {\n                console.error('Error inspecting
element.\\n\\n', error);\n            }\n\n            return {\n                type: 'error',\n                id,\n                responseID: requestID,\n                message:
error.message,\n                stack: error.stack,\n            };\n        }\n\n        if (mostRecentlyInspectedElement === null) {\n            return {\n                id,\n                responseID: requestID,\n                type: 'not-found',\n            };\n        }\n\n        // Any time an inspected
element has an update,\n        // we should update the selected $r value as wel.\n        // Do this before dehydration
(cleanForBridge).\n        updateSelectedElement(mostRecentlyInspectedElement);\n\n        // Clone before cleaning so
that we preserve the full data.\n        // This will enable us to send patches without re-inspecting if hydrated paths are
requested.\n        // (Reducing how often we shallow-render is a better DX for function components that use hooks.)\n    }\n}

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const cleanedInspectedElement = {...mostRecentlyInspectedElement};\n cleanedInspectedElement.context =
cleanForBridge(\n cleanedInspectedElement.context,\n createIsPathAllowed('context', null),\n );\n
cleanedInspectedElement.hooks = cleanForBridge(\n cleanedInspectedElement.hooks,\n
createIsPathAllowed('hooks', 'hooks'),\n );\n cleanedInspectedElement.props = cleanForBridge(\n
cleanedInspectedElement.props,\n createIsPathAllowed('props', null),\n );\n cleanedInspectedElement.state =
cleanForBridge(\n cleanedInspectedElement.state,\n createIsPathAllowed('state', null),\n );\n\n return {\n
id,\n responseID: requestID,\n type: 'full-data',\n value: cleanedInspectedElement,\n };\n }\n\n function
logElementToConsole(id) {\n const result = isMostRecentlyInspectedElementCurrent(id)\n ?
mostRecentlyInspectedElement\n : inspectElementRaw(id);\n if (result === null) {\n console.warn('Could
not find Fiber with id \''${id}\");\n return;\n }\n\n const supportsGroup = typeof console.groupCollapsed
=== 'function';\n if (supportsGroup) {\n console.groupCollapsed(\n `Click to expand`
%\n %c<${result.displayName || 'Component'} />`,\n // --dom-tag-name-color is the CSS variable Chrome styles
HTML elements with in the console.\n `color: var(--dom-tag-name-color); font-weight: normal;`,\n );\n }\n
if (result.props !== null) {\n console.log('Props:', result.props);\n }\n if (result.state !== null) {\n
console.log('State:', result.state);\n }\n if (result.hooks !== null) {\n console.log('Hooks:', result.hooks);\n
}\n\n const nativeNodes = findNativeNodesForFiberID(id);\n if (nativeNodes !== null) {\n
console.log('Nodes:', nativeNodes);\n }\n if (result.source !== null) {\n console.log('Location:',
result.source);\n }\n if (window.chrome || /firefox/i.test(navigator.userAgent)) {\n console.log(\n `Right-
click any value to save it as a global variable for further inspection.`,\n );\n }\n if (supportsGroup) {\n
console.groupEnd();\n }\n }\n\n function deletePath(\n type: 'context' | 'hooks' | 'props' | 'state',\n id: number,\n
hookID: ?number,\n path: Array<string | number>,\n ): void {\n const fiber =
findCurrentFiberUsingSlowPathById(id);\n if (fiber !== null) {\n const instance = fiber.stateNode;\n\n
switch (type) {\n case 'context':\n // To simplify hydration and display of primitive context values (e.g.
number, string)\n // the inspectElement() method wraps context in a {value: ...} object.\n // We need to
remove the first part of the path (the \"value\") before continuing.\n path = path.slice(1);\n\n switch
(fiber.tag) {\n case ClassComponent:\n if (path.length === 0) {\n // Simple context value
(noop)\n } else {\n deletePathInObject(instance.context, path);\n }\n
instance.forceUpdate();\n break;\n case FunctionComponent:\n // Function components using
legacy context are not editable\n // because there's no instance on which to create a cloned, mutated
context.\n break;\n }\n break;\n case 'hooks':\n if (typeof overrideHookStateDeletePath
=== 'function') {\n overrideHookStateDeletePath(fiber, ((hookID: any): number), path);\n }\n
break;\n case 'props':\n if (instance === null) {\n if (typeof overridePropsDeletePath === 'function')
{\n overridePropsDeletePath(fiber, path);\n }\n } else {\n fiber.pendingProps =
copyWithDelete(instance.props, path);\n instance.forceUpdate();\n }\n break;\n case 'state':\n
deletePathInObject(instance.state, path);\n instance.forceUpdate();\n break;\n }\n }\n\n function
renamePath(\n type: 'context' | 'hooks' | 'props' | 'state',\n id: number,\n hookID: ?number,\n oldPath:
Array<string | number>,\n newPath: Array<string | number>,\n ): void {\n const fiber =
findCurrentFiberUsingSlowPathById(id);\n if (fiber !== null) {\n const instance = fiber.stateNode;\n\n
switch (type) {\n case 'context':\n // To simplify hydration and display of primitive context values (e.g.
number, string)\n // the inspectElement() method wraps context in a {value: ...} object.\n // We need to
remove the first part of the path (the \"value\") before continuing.\n oldPath = oldPath.slice(1);\n
newPath = newPath.slice(1);\n\n switch (fiber.tag) {\n case ClassComponent:\n if
(oldPath.length === 0) {\n // Simple context value (noop)\n } else {\n
renamePathInObject(instance.context, oldPath, newPath);\n }\n instance.forceUpdate();\n
break;\n case FunctionComponent:\n // Function components using legacy context are not editable\n
// because there's no instance on which to create a cloned, mutated context.\n break;\n }\n
break;\n case 'hooks':\n if (typeof overrideHookStateRenamePath === 'function') {\n
overrideHookStateRenamePath(\n fiber,\n ((hookID: any): number),\n oldPath,\n

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newPath,\n      );\n      }\n      break;\n      case 'props':\n        if (instance === null) {\n          if (typeof\n          overridePropsRenamePath === 'function') {\n            overridePropsRenamePath(fiber, oldPath, newPath);\n          }\n        } else {\n          fiber.pendingProps = copyWithRename(\n            instance.props,\n            oldPath,\n            newPath,\n            );\n          instance.forceUpdate();\n        }\n        break;\n      case 'state':\n        renamePathInObject(instance.state, oldPath, newPath);\n        instance.forceUpdate();\n        break;\n      }\n    }\n  }\n\n  function overrideValueAtPath(\n    type: 'context' | 'hooks' | 'props' | 'state',\n    id: number,\n    hookID:\n    ?number,\n    path: Array<string | number>,\n    value: any,\n  ): void {\n    const fiber =\n    findCurrentFiberUsingSlowPathById(id);\n    if (fiber !== null) {\n      const instance = fiber.stateNode;\n      switch (type) {\n        case 'context':\n          // To simplify hydration and display of primitive context values (e.g.\n          number, string)\n          // the inspectElement() method wraps context in a {value: ...} object.\n          // We need to\n          remove the first part of the path (the \"value\") before continuing.\n          path = path.slice(1);\n          switch\n          (fiber.tag) {\n            case ClassComponent:\n              if (path.length === 0) {\n                // Simple context value\n                instance.context = value;\n              } else {\n                setInObject(instance.context, path, value);\n              }\n              instance.forceUpdate();\n              break;\n            case FunctionComponent:\n              // Function\n              components using legacy context are not editable\n              // because there's no instance on which to create a\n              cloned, mutated context.\n              break;\n          }\n          break;\n        case 'hooks':\n          if (typeof\n          overrideHookState === 'function') {\n            overrideHookState(fiber, ((hookID: any): number), path, value);\n          }\n          break;\n        case 'props':\n          switch (fiber.tag) {\n            case ClassComponent:\n              fiber.pendingProps = copyWithSet(instance.props, path, value);\n              instance.forceUpdate();\n              break;\n            default:\n              if (typeof overrideProps === 'function') {\n                overrideProps(fiber, path, value);\n              }\n              break;\n          }\n          break;\n        case 'state':\n          switch (fiber.tag) {\n            case\n            ClassComponent:\n              setInObject(instance.state, path, value);\n              instance.forceUpdate();\n              break;\n          }\n          break;\n        }\n      }\n    }\n  }\n\n  type CommitProfilingData = {\n    changeDescriptions:\n    Map<number, ChangeDescription> | null,\n    commitTime: number,\n    durations: Array<number>,\n    effectDuration: number | null,\n    maxActualDuration: number,\n    passiveEffectDuration: number | null,\n    priorityLevel: string | null,\n    updaters: Array<SerializedElement> | null,\n  };\n\n  type\n  CommitProfilingMetadataMap = Map<number, Array<CommitProfilingData>>;\n  type DisplayNamesByRootID =\n  Map<number, string>;\n\n  let currentCommitProfilingMetadata: CommitProfilingData | null = null;\n  let\n  displayNamesByRootID: DisplayNamesByRootID | null = null;\n  let idToContextsMap: Map<number, any> | null\n  = null;\n  let initialTreeBaseDurationsMap: Map<number, number> | null = null;\n  let initialIDToRootMap:\n  Map<number, number> | null = null;\n  let isProfiling: boolean = false;\n  let profilingStartTime: number = 0;\n  let\n  recordChangeDescriptions: boolean = false;\n  let rootToCommitProfilingMetadataMap:\n  CommitProfilingMetadataMap | null = null;\n\n  function getProfilingData(): ProfilingDataBackend {\n    const\n    dataForRoots: Array<ProfilingDataForRootBackend> = [];\n\n    if (rootToCommitProfilingMetadataMap === null)\n    {\n      throw Error(\n        'getProfilingData() called before any profiling data was recorded',\n      );\n    }\n\n    rootToCommitProfilingMetadataMap.forEach(\n      (commitProfilingMetadata, rootID) => {\n        const\n        commitData: Array<CommitDataBackend> = [];\n        const initialTreeBaseDurations: Array<[number, number]>\n        = [];\n\n        const displayName =\n        (displayNamesByRootID !== null &&\n        displayNamesByRootID.get(rootID)) ||\n        'Unknown';\n\n        if (initialTreeBaseDurationsMap !== null) {\n          initialTreeBaseDurationsMap.forEach((treeBaseDuration, id) => {\n            if (\n              initialIDToRootMap !=\n              null &&\n              initialIDToRootMap.get(id) === rootID\n            ) {\n              // We don't need to convert\n              milliseconds to microseconds in this case,\n              // because the profiling summary is JSON serialized.\n              initialTreeBaseDurations.push([id, treeBaseDuration]);\n            }\n          });\n        }\n\n        commitProfilingMetadata.forEach((commitProfilingData, commitIndex) => {\n          const {\n            changeDescriptions,\n            durations,\n            effectDuration,\n            maxActualDuration,\n            passiveEffectDuration,\n            priorityLevel,\n            commitTime,\n            updaters,\n          } =\n            commitProfilingData;\n\n          const fiberActualDurations: Array<[number, number]> = [];\n          const\n          fiberSelfDurations: Array<[number, number]> = [];\n          for (let i = 0; i < durations.length; i += 3) {\n

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const fiberID = durations[i];\n      fiberActualDurations.push([fiberID, durations[i + 1]]);\n      fiberSelfDurations.push([fiberID, durations[i + 2]]);\n      };\n      }\n      commitData.push({\n      changeDescriptions:\n        changeDescriptions !== null\n          ? Array.from(changeDescriptions.entries())\n          : null,\n        duration: maxActualDuration,\n        effectDuration,\n        fiberActualDurations,\n        fiberSelfDurations,\n        passiveEffectDuration,\n        priorityLevel,\n        timestamp: commitTime,\n        updaters,\n      });\n      });\n      dataForRoots.push({\n        commitData,\n        displayName,\n        initialTreeBaseDurations,\n        rootID,\n      });\n      },\n    );\n    return {\n      dataForRoots,\n      rendererID,\n    };\n  }\n\n  function startProfiling(shouldRecordChangeDescriptions: boolean) {\n    if (isProfiling)\n      return;\n    }\n    recordChangeDescriptions = shouldRecordChangeDescriptions;\n    }\n    // Capture initial values as of the time profiling starts.\n    }\n    // It's important we snapshot both the durations and the id-to-root map,\n    }\n    // since either of these may change during the profiling session\n    }\n    // (e.g. when a fiber is re-rendered or when a fiber gets removed).\n    }\n    displayNamesByRootID = new Map();\n    }\n    initialTreeBaseDurationsMap = new Map(idToTreeBaseDurationMap);\n    }\n    initialIDToRootMap = new Map(idToRootMap);\n    }\n    idToContextsMap = new Map();\n    }\n    hook.getFiberRoots(rendererID).forEach(root => {\n      const rootID =\n        getFiberIDThrows(root.current);\n      }\n      ((displayNamesByRootID: any): DisplayNamesByRootID).set(\n        rootID,\n        getDisplayNameForRoot(root.current),\n      );\n      }\n      if (shouldRecordChangeDescriptions) {\n        // Record all contexts at the time profiling is started.\n        }\n        // Fibers only store the current context value,\n        }\n        // so we need to track them separately in order to determine changed keys.\n        }\n        crawlToInitializeContextsMap(root.current);\n        }\n        });\n        }\n        isProfiling = true;\n        }\n        profilingStartTime = getCurrentTime();\n        }\n        rootToCommitProfilingMetadataMap = new Map();\n        }\n        });\n        }\n        function stopProfiling() {\n          isProfiling = false;\n          }\n          recordChangeDescriptions = false;\n          }\n          });\n          }\n          // Automatically start profiling so that we don't miss timing info from initial \"mount\".\n          }\n          if (\n            sessionStorage.getItem(SESSION_STORAGE_RELOAD_AND_PROFILE_KEY) === 'true'\n          ) {\n            startProfiling(\n              sessionStorage.getItem(SESSION_STORAGE_RECORD_CHANGE_DESCRIPTIONS_KEY) ===\n                'true',\n            );\n            }\n            });\n            }\n            // React will switch between these implementations depending on whether\n            }\n            // we have any manually suspended/errored-out Fibers or not.\n            }\n            function shouldErrorFiberAlwaysNull() {\n              return null;\n            }\n            }\n            // Map of id and its force error status: true (error), false (toggled off),\n            }\n            // null (do nothing)\n            }\n            const forceErrorForFiberIDs = new Map();\n            }\n            function shouldErrorFiberAccordingToMap(fiber) {\n              if (typeof setErrorHandler !== 'function') {\n                throw new Error(\n                  'Expected overrideError() to not get called for earlier React versions.',\n                );\n              }\n              }\n              const id = getFiberIDUnsafe(fiber);\n              }\n              if (id === null) {\n                return null;\n              }\n              }\n              let status = null;\n              }\n              if (forceErrorForFiberIDs.has(id)) {\n                status = forceErrorForFiberIDs.get(id);\n              }\n              }\n              if (status === false) {\n                // TRICKY overrideError adds entries to this Map,\n                }\n                // so ideally it would be the method that clears them too,\n                }\n                // but that would break the functionality of the feature,\n                }\n                // since DevTools needs to tell React to act differently than it normally would\n                }\n                // (don't just re-render the failed boundary, but reset its errored state too).\n                }\n                // So we can only clear it after telling React to reset the state.\n                }\n                // Technically this is premature and we should schedule it for later,\n                }\n                // since the render could always fail without committing the updated error boundary,\n                }\n                // but since this is a DEV-only feature, the simplicity is worth the trade off.\n                }\n                forceErrorForFiberIDs.delete(id);\n                }\n                if (forceErrorForFiberIDs.size === 0) {\n                  // Last override is gone. Switch React back to fast path.\n                  }\n                  setErrorHandler(shouldErrorFiberAlwaysNull);\n                  }\n                  });\n                  }\n                  }\n                  return status;\n                }\n                });\n                }\n                function overrideError(id, forceError) {\n                  if (\n                    typeof setErrorHandler !== 'function'\n                  ) {\n                    throw new Error(\n                      'Expected overrideError() to not get called for earlier React versions.',\n                    );\n                  }\n                  }\n                  forceErrorForFiberIDs.set(id, forceError);\n                  }\n                  }\n                  if (forceErrorForFiberIDs.size === 1) {\n                    // First override is added. Switch React to slower path.\n                    }\n                    setErrorHandler(shouldErrorFiberAccordingToMap);\n                    }\n                    });\n                    }\n                    const fiber = idToArbitraryFiberMap.get(id);\n                    }\n                    if (fiber !== null) {\n                      scheduleUpdate(fiber);\n                    }\n                    }\n                    });\n                    }\n                    function shouldSuspendFiberAlwaysFalse() {\n                      return false;\n                    }\n                    }\n                    });\n                    }\n                    const forceFallbackForSuspenseIDs = new Set();\n                    }\n                    function shouldSuspendFiberAccordingToSet(fiber) {\n                      const maybeID = getFiberIDUnsafe(((fiber: any): Fiber));\n                      }\n                      return maybeID !== null && forceFallbackForSuspenseIDs.has(maybeID);\n                    }\n                    }\n                    });\n                    }\n                    function overrideSuspense(id,

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forceFallback) {\n  if (\n    typeof setSuspenseHandler !== 'function' ||\n    typeof scheduleUpdate !==
'function'\n  ) {\n    throw new Error(\n      'Expected overrideSuspense() to not get called for earlier React
versions.',\n    );\n  }\n  if (forceFallback) {\n    forceFallbackForSuspenseIDs.add(id);\n    if
(forceFallbackForSuspenseIDs.size === 1) {\n      // First override is added. Switch React to slower path.\n
setSuspenseHandler(shouldSuspendFiberAccordingToSet);\n    }\n  } else {\n
forceFallbackForSuspenseIDs.delete(id);\n    if (forceFallbackForSuspenseIDs.size === 0) {\n      // Last override
is gone. Switch React back to fast path.\n      setSuspenseHandler(shouldSuspendFiberAlwaysFalse);\n    }\n  }\n
  const fiber = idToArbitraryFiberMap.get(id);\n  if (fiber !== null) {\n    scheduleUpdate(fiber);\n  }\n}\n\n//
Remember if we're trying to restore the selection after reload.\n// In that case, we'll do some extra checks for
matching mounts.\nlet trackedPath: Array<PathFrame> | null = null;\nlet trackedPathMatchFiber: Fiber | null =
null;\nlet trackedPathMatchDepth = -1;\nlet mightBeOnTrackedPath = false;\n\nfunction setTrackedPath(path:
Array<PathFrame> | null) {\n  if (path === null) {\n    trackedPathMatchFiber = null;\n
trackedPathMatchDepth = -1;\n    mightBeOnTrackedPath = false;\n  }\n  trackedPath = path;\n}\n\n// We call
this before traversing a new mount.\n// It remembers whether this Fiber is the next best match for tracked path.\n//
The return value signals whether we should keep matching siblings or not.\nfunction
updateTrackedPathStateBeforeMount(fiber: Fiber): boolean {\n  if (trackedPath === null ||
!mightBeOnTrackedPath) {\n    // Fast path: there's nothing to track so do nothing and ignore siblings.\n    return
false;\n  }\n  const returnFiber = fiber.return;\n  const returnAlternate = returnFiber !== null ?
returnFiber.alternate : null;\n  // By now we know there's some selection to restore, and this is a new Fiber.\n  // Is
this newly mounted Fiber a direct child of the current best match?\n  // (This will also be true for new roots if we
haven't matched anything yet.)\n  if (\n    trackedPathMatchFiber === returnFiber ||\n    (trackedPathMatchFiber
=== returnAlternate && returnAlternate !== null)\n  ) {\n    // Is this the next Fiber we should select? Let's
compare the frames.\n    const actualFrame = getPathFrame(fiber);\n    const expectedFrame =
trackedPath[trackedPathMatchDepth + 1];\n    if (expectedFrame === undefined) {\n      throw new
Error('Expected to see a frame at the next depth.);\n    }\n    if (\n      actualFrame.index ===
expectedFrame.index &&\n      actualFrame.key === expectedFrame.key &&\n      actualFrame.displayName ===
expectedFrame.displayName\n    ) {\n      // We have our next match.\n      trackedPathMatchFiber = fiber;\n
trackedPathMatchDepth++;\n      // Are we out of frames to match?\n      if (trackedPathMatchDepth ===
trackedPath.length - 1) {\n        // There's nothing that can possibly match afterwards.\n        // Don't check the
children.\n        mightBeOnTrackedPath = false;\n      } else {\n        // Check the children, as they might reveal
the next match.\n        mightBeOnTrackedPath = true;\n      }\n      // In either case, since we have a match, we
don't need\n      // to check the siblings. They'll never match.\n      return false;\n    }\n  }\n  // This Fiber's
parent is on the path, but this Fiber itself isn't.\n  // There's no need to check its children--they won't be on the path
either.\n  mightBeOnTrackedPath = false;\n  // However, one of its siblings may be on the path so keep
searching.\n  return true;\n}\n\nfunction updateTrackedPathStateAfterMount(mightSiblingsBeOnTrackedPath)
{\n  // updateTrackedPathStateBeforeMount() told us whether to match siblings.\n  // Now that we're entering
siblings, let's use that information.\n  mightBeOnTrackedPath = mightSiblingsBeOnTrackedPath;\n}\n\n// Roots
don't have a real persistent identity.\n// A root's \"pseudo key\" is \"childDisplayName:indexWithThatName\".\n//
For example, \"App:0\" or, in case of similar roots, \"Story:0\", \"Story:1\", etc.\n// We will use this to try to
disambiguate roots when restoring selection between reloads.\nconst rootPseudoKeys: Map<number, string> =
new Map();\nconst rootDisplayNameCounter: Map<string, number> = new Map();\n\nfunction
setRootPseudoKey(id: number, fiber: Fiber) {\n  const name = getDisplayNameForRoot(fiber);\n  const counter =
rootDisplayNameCounter.get(name) || 0;\n  rootDisplayNameCounter.set(name, counter + 1);\n  const pseudoKey
= `${name}:${counter}`;\n  rootPseudoKeys.set(id, pseudoKey);\n}\n\nfunction removeRootPseudoKey(id:
number) {\n  const pseudoKey = rootPseudoKeys.get(id);\n  if (pseudoKey === undefined) {\n    throw new
Error('Expected root pseudo key to be known.);\n  }\n  const name = pseudoKey.substring(0,
pseudoKey.lastIndexOf(':'));\n  const counter = rootDisplayNameCounter.get(name);\n  if (counter ===
undefined) {\n    throw new Error('Expected counter to be known.);\n  }\n  if (counter > 1) {\n

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rootDisplayNameCounter.set(name, counter - 1);\n } else {\n   rootDisplayNameCounter.delete(name);\n }\n\nrootPseudoKeys.delete(id);\n }\n\nfunction getDisplayNameForRoot(fiber: Fiber): string {\n  let\n  preferredDisplayName = null;\n  let fallbackDisplayName = null;\n  let child = fiber.child;\n  // Go at most three\n  levels deep into direct children\n  // while searching for a child that has a displayName.\n  for (let i = 0; i < 3; i++)\n  {\n    if (child === null) {\n      break;\n    }\n    const displayName = getDisplayNameForFiber(child);\n    if\n    (displayName !== null) {\n      // Prefer display names that we get from user-defined components.\n      // We want\n      to avoid using e.g. 'Suspense' unless we find nothing else.\n      if (typeof child.type === 'function') {\n        //\n        There's a few user-defined tags, but we'll prefer the ones\n        // that are usually explicitly named (function or\n        class components).\n        preferredDisplayName = displayName;\n      } else if (fallbackDisplayName === null)\n      {\n        fallbackDisplayName = displayName;\n      }\n    }\n    if (preferredDisplayName !== null) {\n      break;\n    }\n    child = child.child;\n  }\n  return preferredDisplayName || fallbackDisplayName ||\n  'Anonymous';\n }\n\nfunction getPathFrame(fiber: Fiber): PathFrame {\n  const {key} = fiber;\n  let\n  displayName = getDisplayNameForFiber(fiber);\n  const index = fiber.index;\n  switch (fiber.tag) {\n    case\n    HostRoot:\n      // Roots don't have a real displayName, index, or key.\n      // Instead, we'll use the pseudo key\n      (childDisplayName:indexWithThatName).\n      const id = getFiberIDThrows(fiber);\n      const pseudoKey =\n      rootPseudoKeys.get(id);\n      if (pseudoKey === undefined) {\n        throw new Error('Expected mounted root to\n        have known pseudo key.);\n      }\n      displayName = pseudoKey;\n      break;\n    case HostComponent:\n      displayName = fiber.type;\n      break;\n    default:\n      break;\n  }\n  return {\n    displayName,\n    key,\n    index,\n  };\n }\n\n// Produces a serializable representation that does a best effort\n// of identifying a particular\nFiber between page reloads.\n// The return path will contain Fibers that are "invisible" to the store\n// because\ntheir keys and indexes are important to restoring the selection.\nfunction getPathForElement(id: number):\nArray<PathFrame> | null {\n  let fiber = idToArbitraryFiberMap.get(id);\n  if (fiber == null) {\n    return null;\n  }\n  const keyPath = [];\n  while (fiber !== null) {\n    keyPath.push(getPathFrame(fiber));\n    fiber =\n    fiber.return;\n  }\n  keyPath.reverse();\n  return keyPath;\n }\n\nfunction getBestMatchForTrackedPath():\nPathMatch | null {\n  if (trackedPath === null) {\n    // Nothing to match.\n    return null;\n  }\n  if\n  (trackedPathMatchFiber === null) {\n    // We didn't find anything.\n    return null;\n  }\n  // Find the closest\nFiber store is aware of.\n  let fiber = trackedPathMatchFiber;\n  while (fiber !== null && shouldFilterFiber(fiber))\n  {\n    fiber = fiber.return;\n  }\n  if (fiber === null) {\n    return null;\n  }\n  return {\n    id:\n    getFiberIDThrows(fiber),\n    isFullMatch: trackedPathMatchDepth === trackedPath.length - 1,\n  };\n }\n\nconst formatPriorityLevel = (priorityLevel: ?number) => {\n  if (priorityLevel == null) {\n    return 'Unknown';\n  }\n  switch (priorityLevel) {\n    case\n    ImmediatePriority:\n      return 'Immediate';\n    case\n    UserBlockingPriority:\n      return 'User-Blocking';\n    case\n    NormalPriority:\n      return 'Normal';\n    case\n    LowPriority:\n      return 'Low';\n    case\n    IdlePriority:\n      return 'Idle';\n    case\n    NoPriority:\n      default:\n        return 'Unknown';\n  }\n };\n\nfunction setTraceUpdatesEnabled(isEnabled: boolean): void {\n  traceUpdatesEnabled = isEnabled;\n }\n\nreturn {\n  cleanup,\n  clearErrorsAndWarnings,\n  clearErrorsForFiberID,\n  clearWarningsForFiberID,\n  copyElementPath,\n  deletePath,\n  findNativeNodesForFiberID,\n  flushInitialOperations,\n  getBestMatchForTrackedPath,\n  getDisplayNameForFiberID,\n  getFiberIDForNative,\n  getInstanceAndStyle,\n  getOwnersList,\n  getPathForElement,\n  getProfilingData,\n  handleCommitFiberRoot,\n  handleCommitFiberUnmount,\n  handlePostCommitFiberRoot,\n  inspectElement,\n  logElementToConsole,\n  patchConsoleForStrictMode,\n  prepareViewAttributeSource,\n  prepareViewElementSource,\n  overrideError,\n  overrideSuspense,\n  overrideValueAtPath,\n  renamePath,\n  renderer,\n  setTraceUpdatesEnabled,\n  setTrackedPath,\n  startProfiling,\n  stopProfiling,\n  storeAsGlobal,\n  unpatchConsoleForStrictMode,\n  updateComponentFilters,\n };\n}\n", /* shim for using process in browser\nnvar process = module.exports = { };\n\n//\ncached from whatever global is present so that test runners that stub it\n// don't break things. But we need to wrap it\nin a try catch in case it is\n// wrapped in strict mode code which doesn't define any globals. It's inside a\n// function\nbecause try/catches deoptimize in certain engines.\n\nnvar cachedSetTimeout;\nnvar cachedClearTimeout;\n\nfunction\ndefaultSetTimeout() {\n  throw new Error('setTimeout has not been defined');\n }\n\nfunction\ndefaultClearTimeout ()

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{\n  throw new Error('clearTimeout has not been defined');\n}\n(function () {\n  try {\n    if (typeof setTimeout
=== 'function') {\n      cachedSetTimeout = setTimeout;\n    } else {\n      cachedSetTimeout =
defaultSetTimeout;\n    }\n  } catch (e) {\n    cachedSetTimeout = defaultSetTimeout;\n  }\n  try {\n    if
(typeof clearTimeout === 'function') {\n      cachedClearTimeout = clearTimeout;\n    } else {\n
cachedClearTimeout = defaultClearTimeout;\n    }\n  } catch (e) {\n    cachedClearTimeout =
defaultClearTimeout;\n  }\n})\nfunction runTimeout(fun) {\n  if (cachedSetTimeout === setTimeout) {\n
//normal environments in sane situations\n    return setTimeout(fun, 0);\n  }\n  // if setTimeout wasn't available
but was latter defined\n  if ((cachedSetTimeout === defaultSetTimeout || !cachedSetTimeout) && setTimeout) {\n
    cachedSetTimeout = setTimeout;\n    return setTimeout(fun, 0);\n  }\n  try {\n    // when when somebody
has screwed with setTimeout but no I.E. madness\n    return cachedSetTimeout(fun, 0);\n  } catch(e){\n    try
{\n      // When we are in I.E. but the script has been evaled so I.E. doesn't trust the global object when called
normally\n      return cachedSetTimeout.call(null, fun, 0);\n    } catch(e){\n      // same as above but when
it's a version of I.E. that must have the global object for 'this', hopfully our context correct otherwise it will throw a
global error\n      return cachedSetTimeout.call(this, fun, 0);\n    }\n  }\n}\n}\n}\n\nfunction
runClearTimeout(marker) {\n  if (cachedClearTimeout === clearTimeout) {\n    //normal environments in sane
situations\n    return clearTimeout(marker);\n  }\n  // if clearTimeout wasn't available but was latter defined\n
if ((cachedClearTimeout === defaultClearTimeout || !cachedClearTimeout) && clearTimeout) {\n
    cachedClearTimeout = clearTimeout;\n    return clearTimeout(marker);\n  }\n  try {\n    // when when
somebody has screwed with setTimeout but no I.E. madness\n    return cachedClearTimeout(marker);\n  }
catch (e){\n    try {\n      // When we are in I.E. but the script has been evaled so I.E. doesn't trust the global
object when called normally\n      return cachedClearTimeout.call(null, marker);\n    } catch (e){\n      //
same as above but when it's a version of I.E. that must have the global object for 'this', hopfully our context correct
otherwise it will throw a global error.\n      // Some versions of I.E. have different rules for clearTimeout vs
setTimeout\n      return cachedClearTimeout.call(this, marker);\n    }\n  }\n}\n}\n}\n\nvar queue = [];\nvar
draining = false;\nvar currentQueue;\nvar queueIndex = -1;\n\nfunction cleanUpNextTick() {\n  if (!draining ||
!currentQueue) {\n    return;\n  }\n  draining = false;\n  if (currentQueue.length) {\n    queue =
currentQueue.concat(queue);\n  } else {\n    queueIndex = -1;\n  }\n  if (queue.length) {\n    drainQueue();\n
}\n}\n\nfunction drainQueue() {\n  if (draining) {\n    return;\n  }\n  var timeout =
runTimeout(cleanUpNextTick);\n  draining = true;\n\n  var len = queue.length;\n  while(len) {\n
currentQueue = queue;\n    queue = [];\n    while (++queueIndex < len) {\n      if (currentQueue) {\n
currentQueue[queueIndex].run();\n      }\n    }\n    queueIndex = -1;\n    len = queue.length;\n  }\n  currentQueue = null;\n  draining = false;\n  runClearTimeout(timeout);\n}\n\nprocess.nextTick = function (fun)
{\n  var args = new Array(arguments.length - 1);\n  if (arguments.length > 1) {\n    for (var i = 1; i <
arguments.length; i++) {\n      args[i - 1] = arguments[i];\n    }\n  }\n  queue.push(new Item(fun, args));\n
if (queue.length === 1 && !draining) {\n    runTimeout(drainQueue);\n  }\n};\n\n// v8 likes predictable
objects\nfunction Item(fun, array) {\n  this.fun = fun;\n  this.array = array;\n}\nItem.prototype.run = function ()
{\n  this.fun.apply(null, this.array);\n};\nprocess.title = 'browser';\nprocess.browser = true;\nprocess.env =
{};\nprocess.argv = [];\nprocess.version = ''; // empty string to avoid regexp issues\nprocess.versions =
{};\n\nfunction noop() {};\nprocess.on = noop;\nprocess.addListener = noop;\nprocess.once = noop;\nprocess.off =
noop;\nprocess.removeListener = noop;\nprocess.removeAllListeners = noop;\nprocess.emit =
noop;\nprocess.prependListener = noop;\nprocess.prependOnceListener = noop;\n\nprocess.listeners = function
(name) { return [] }\n\nprocess.binding = function (name) {\n  throw new Error('process.binding is not
supported');\n};\n\nprocess.cwd = function () { return '/' };\nprocess.chdir = function (dir) {\n  throw new
Error('process.chdir is not supported');\n};\n\nprocess.umask = function() { return 0; };\n\n", "// Import support
https://stackoverflow.com/questions/13673346/supporting-both-commonjs-and-amd\n(function(name, definition)
{\n  if (typeof module !== 'undefined') { module.exports = definition(); }\n  else if (typeof define ===
'function' && typeof define.amd === 'object') { define(definition); }\n  else { this[name] = definition();
}\n})('clipboard', function() {\n  if (typeof document === 'undefined' || !document.addEventListener) {\n    return

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null;\n }\n\n var clipboard = {};\n\n clipboard.copy = (function() {\n  var _intercept = false;\n  var _data = null;\n  // Map from data type (e.g. \"text/html\") to value.\n  var _bogusSelection = false;\n\n  function cleanup() {\n    _intercept = false;\n    _data = null;\n    if (_bogusSelection) {\n      window.getSelection().removeAllRanges();\n    }\n    _bogusSelection = false;\n  }\n\n  document.addEventListener(\"copy\", function(e) {\n    if (_intercept)\n    {\n      for (var key in _data) {\n        e.clipboardData.setData(key, _data[key]);\n      }\n      e.preventDefault();\n    }\n  });\n\n  // Workaround for Safari:\n  https://bugs.webkit.org/show_bug.cgi?id=156529\n  function bogusSelect() {\n    var sel =\n    document.getSelection();\n    // If \"nothing\" is selected...\n    if (!document.queryCommandEnabled(\"copy\")\n    && sel.isCollapsed) {\n      // ... temporarily select the entire body.\n      //\n      // We select the entire body\n      because:\n      // - it's guaranteed to exist,\n      // - it works (unlike, say, document.head, or phantom element that\n      is\n      // not inserted into the DOM),\n      // - it doesn't seem to flicker (due to the synchronous copy event),\n      and\n      // - it avoids modifying the DOM (can trigger mutation observers).\n      //\n      // Because we can't do\n      proper feature detection (we already checked\n      // document.queryCommandEnabled(\"copy\"), which actually\n      gives a false\n      // negative for Blink when nothing is selected) and UA sniffing is not\n      // reliable (a lot of\n      UA strings contain \"Safari\"), this will also\n      // happen for some browsers other than Safari. :-)\n      var\n      range = document.createRange();\n      range.selectNodeContents(document.body);\n      sel.removeAllRanges();\n      sel.addRange(range);\n      _bogusSelection = true;\n    }\n  }\n\n  return\n  function(data) {\n    return new Promise(function(resolve, reject) {\n      _intercept = true;\n      if (typeof data\n      === \"string\") {\n        _data = {\"text/plain\": data};\n      } else if (data instanceof Node) {\n        _data =\n        {\"text/html\": new XMLSerializer().serializeToString(data)};\n      } else if (data instanceof Object) {\n        _data\n        = data;\n      } else {\n        reject(\"Invalid data type. Must be string, DOM node, or an object mapping MIME\n        types to strings.\")\n      }\n\n      function triggerCopy(tryBogusSelect) {\n        try {\n          if\n          (document.execCommand(\"copy\")) {\n            // document.execCommand is synchronous:\n            http://www.w3.org/TR/2015/WD-clipboard-apis-20150421/#integration-with-rich-text-editing-apis\n            // So\n            we can call resolve() back here.\n            cleanup();\n            resolve();\n          }\n          else {\n            if\n            (!tryBogusSelect) {\n              bogusSelect();\n              triggerCopy(true);\n            } else {\n              cleanup();\n              throw new Error(\"Unable to copy. Perhaps it's not available in your browser?\");\n            }\n          }\n        } catch (e) {\n          cleanup();\n          reject(e);\n        }\n      }\n\n      triggerCopy(false);\n    });\n  }\n\n  clipboard.paste = (function() {\n    var _intercept = false;\n    var\n    _resolve;\n    var _dataType;\n\n    document.addEventListener(\"paste\", function(e) {\n      if (_intercept) {\n        _intercept = false;\n        e.preventDefault();\n        var resolve = _resolve;\n        _resolve = null;\n        resolve(e.clipboardData.getData(_dataType));\n      }\n    });\n\n    return function(dataType) {\n      return new\n      Promise(function(resolve, reject) {\n        _intercept = true;\n        _resolve = resolve;\n        _dataType = dataType ||\n        \"text/plain\";\n        try {\n          if (!document.execCommand(\"paste\")) {\n            _intercept = false;\n            reject(new Error(\"Unable to paste. Pasting only works in Internet Explorer at the moment.\"));\n          }\n        } catch (e) {\n          _intercept = false;\n          reject(new Error(e));\n        }\n      });\n    }\n  });\n\n  // Handle IE\n  behaviour.\n  if (typeof ClipboardEvent === \"undefined\" &&\n  typeof window.clipboardData !== \"undefined\"\n  &&\n  typeof window.clipboardData.setData !== \"undefined\") {\n    /*! promise-polyfill 2.0.1 */\n    (function(a){function b(a,b){return function(){a.apply(b,arguments)}}function c(a){if(\"object\"!==typeof this)throw\n    new TypeError(\"Promises must be constructed via new\");if(\"function\"!==typeof a)throw new TypeError(\"not a\n    function\");this._state=null,this._value=null,this._deferreds=[],i(a,b(e,this),b(f,this))}function d(a){var b=this;return\n    null===this._state?void this._deferreds.push(a):void j(function(){var\n    c=b._state?a.onFulfilled:a.onRejected;if(null===c)return void(b._state?a.resolve:a.reject)(b._value);var\n    d;try{d=c(b._value)}catch(e){return void a.reject(e)}a.resolve(d)}}function e(a){try{if(a===this)throw new\n    TypeError(\"A promise cannot be resolved with itself.\");if(a&&(\"object\"===typeof a||\"function\"===typeof a)){var\n    c=a.then;if(\"function\"===typeof c)return void\n    i(b(c,a),b(e,this),b(f,this))}this._state=!0,this._value=a,g.call(this)}catch(d){f.call(this,d)}}function\n    f(a){this._state=!1,this._value=a,g.call(this)}function g(){for(var
  
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a=0,b=this._deferreds.length;b>a;a++d.call(this,this._deferreds[a]);this._deferreds=null}function
h(a,b,c,d){this.onFulfilled="function"===typeof a?a:null,this.onRejected="function"===typeof
b?b:null,this.resolve=c,this.reject=d}function i(a,b,c){var
d=!1;try{a(function(a){d||(d=!0,b(a))},function(a){d||(d=!0,c(a))})}catch(e){if(d)return;d=!0,c(e)} }var
j=c.immediateFn||"function"===typeof
setImmediate&&setImmediate||function(a){setTimeout(a,1)},k=Array.isArray||function(a){return"[object
Array]"===Object.prototype.toString.call(a)};c.prototype["catch"]=function(a){return
this.then(null,a),c.prototype.then=function(a,b){var e=this;return new c(function(c,f){d.call(e,new
h(a,b,c,f))}),c.all=function(){var
a=Array.prototype.slice.call(1===arguments.length&&k(arguments[0])?arguments[0]:arguments);return new
c(function(b,c){function d(f,g){try{if(g&&("object"===typeof g||"function"===typeof g)){var
h=g.then;if("function"===typeof h)return void h.call(g,function(a){d(f,a)},c)}a[f]=g,0===--
e&&b(a)}catch(i){c(i)}if(0===a.length)return b([]);for(var
e=a.length,f=0;f<a.length;f++)d(f,a[f])}),c.resolve=function(a){return a&&"object"===typeof
a&&a.constructor===c?a:new c(function(b){b(a)}),c.reject=function(a){return new
c(function(b,c){c(a)}),c.race=function(a){return new c(function(b,c){for(var
d=0,e=a.length;e>d;d++)a[d].then(b,c)}),"undefined"!==typeof
module&&module.exports?module.exports=c:a.Promise||(a.Promise=c))(this);\n\n clipboard.copy =
function(data) {\n return new Promise(function(resolve, reject) {\n // IE supports string and URL types:
https://msdn.microsoft.com/en-us/library/ms536744(v=vs.85).aspx\n // We only support the string type for
now.\n if (typeof data !== "string" && !( "text/plain" in data)) {\n throw new Error("You must provide
a text/plain type.");\n }\n\n var strData = (typeof data === "string" ? data : data["text/plain"]); \n var
copySucceeded = window.clipboardData.setData("Text", strData);\n if (copySucceeded) {\n resolve();\n }
else {\n reject(new Error("Copying was rejected."));\n }\n });\n\n\n clipboard.paste =
function() {\n return new Promise(function(resolve, reject) {\n var strData =
window.clipboardData.getData("Text");\n if (strData) {\n resolve(strData);\n } else {\n // The
user rejected the paste request.\n reject(new Error("Pasting was rejected."));\n }\n });\n\n\n\n
return clipboard;\n});\n","use strict\n\n// A linked list to keep track of recently-used-ness\nconst Yallist =
require('yallist')\n\nconst MAX = Symbol('max')\nconst LENGTH = Symbol('length')\nconst
LENGTH_CALCULATOR = Symbol('lengthCalculator')\nconst ALLOW_STALE = Symbol('allowStale')\nconst
MAX_AGE = Symbol('maxAge')\nconst DISPOSE = Symbol('dispose')\nconst NO_DISPOSE_ON_SET =
Symbol('noDisposeOnSet')\nconst LRU_LIST = Symbol('lruList')\nconst CACHE = Symbol('cache')\nconst
UPDATE_AGE_ON_GET = Symbol('updateAgeOnGet')\n\nconst naiveLength = () => 1\n\n// lruList is a yallist
where the head is the youngest\n// item, and the tail is the oldest. the list contains the Hit\n// objects as the
entries.\n// Each Hit object has a reference to its Yallist.Node. This\n// never changes.\n//\n// cache is a Map (or
PseudoMap) that matches the keys to\n// the Yallist.Node object.\n\nclass LRUCache {\n constructor (options) {\n
if (typeof options === 'number')\n options = { max: options }\n\n if (!options)\n options = {}\n\n if
(options.max && (typeof options.max !== 'number' || options.max < 0))\n throw new TypeError('max must be a
non-negative number')\n // Kind of weird to have a default max of Infinity, but oh well.\n const max =
this[MAX] = options.max || Infinity\n\n const lc = options.length || naiveLength\n
this[LENGTH_CALCULATOR] = (typeof lc !== 'function') ? naiveLength : lc\n this[ALLOW_STALE] =
options.stale || false\n if (options.maxAge && typeof options.maxAge !== 'number')\n throw new
TypeError('maxAge must be a number')\n this[MAX_AGE] = options.maxAge || 0\n this[DISPOSE] =
options.dispose\n this[NO_DISPOSE_ON_SET] = options.noDisposeOnSet || false\n
this[UPDATE_AGE_ON_GET] = options.updateAgeOnGet || false\n this.reset()\n }\n\n // resize the cache when
the max changes.\n set max (mL) {\n if (typeof mL !== 'number' || mL < 0)\n throw new TypeError('max must
be a non-negative number')\n\n this[MAX] = mL || Infinity\n trim(this)\n }\n get max () {\n return
this[MAX]\n }\n\n set allowStale (allowStale) {\n this[ALLOW_STALE] = !!allowStale\n }\n get allowStale ()

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{\n  return this[ALLOW_STALE]\n }\n\n set maxAge (mA) {\n  if (typeof mA !== 'number')\n    throw new\n    TypeError('maxAge must be a non-negative number')\n\n  this[MAX_AGE] = mA\n  trim(this)\n }\n get\n maxAge () {\n  return this[MAX_AGE]\n }\n\n // resize the cache when the lengthCalculator changes.\n set\n lengthCalculator (IC) {\n  if (typeof IC !== 'function')\n    IC = naiveLength\n\n  if (IC !==\n  this[LENGTH_CALCULATOR]) {\n    this[LENGTH_CALCULATOR] = IC\n    this[LENGTH] = 0\n  }\n  this[LRU_LIST].forEach(hit => {\n    hit.length = this[LENGTH_CALCULATOR](hit.value, hit.key)\n    this[LENGTH] += hit.length\n  })\n }\n trim(this)\n }\n get lengthCalculator () { return\n  this[LENGTH_CALCULATOR] }\n\n get length () { return this[LENGTH] }\n\n get itemCount () { return\n  this[LRU_LIST].length }\n\n rforEach (fn, thisp) {\n  thisp = thisp || this\n  for (let walker =\n  this[LRU_LIST].tail; walker !== null;) {\n    const prev = walker.prev\n    forEachStep(this, fn, walker, thisp)\n    walker = prev\n  }\n }\n\n forEach (fn, thisp) {\n  thisp = thisp || this\n  for (let walker = this[LRU_LIST].head;\n  walker !== null;) {\n    const next = walker.next\n    forEachStep(this, fn, walker, thisp)\n    walker = next\n  }\n }\n\n keys () {\n  return this[LRU_LIST].toArray().map(k => k.key)\n }\n\n values () {\n  return\n  this[LRU_LIST].toArray().map(k => k.value)\n }\n\n reset () {\n  if (this[DISPOSE] &&\n  this[LRU_LIST]\n  &&\n  this[LRU_LIST].length) {\n    this[LRU_LIST].forEach(hit => this[DISPOSE](hit.key, hit.value))\n  }\n\n  this[CACHE] = new Map() // hash of items by key\n  this[LRU_LIST] = new Yallist() // list of items in\n  order of use recency\n  this[LENGTH] = 0 // length of items in the list\n }\n\n dump () {\n  return\n  this[LRU_LIST].map(hit => {\n    isStale(this, hit) ? false : {\n      k: hit.key,\n      v: hit.value,\n      e: hit.now +\n      (hit.maxAge || 0)\n    }\n  }).toArray().filter(h => h)\n }\n\n dumpLru () {\n  return this[LRU_LIST]\n }\n\n set\n (key, value, maxAge) {\n  maxAge = maxAge || this[MAX_AGE]\n\n  if (maxAge && typeof maxAge !==\n  'number')\n    throw new TypeError('maxAge must be a number')\n\n  const now = maxAge ? Date.now() : 0\n  const len = this[LENGTH_CALCULATOR](value, key)\n\n  if (this[CACHE].has(key)) {\n    if (len >\n  this[MAX]) {\n      del(this, this[CACHE].get(key))\n      return false\n    }\n\n    const node =\n  this[CACHE].get(key)\n    const item = node.value\n\n    // dispose of the old one before overwriting\n    // split\n  out into 2 ifs for better coverage tracking\n    if (this[DISPOSE]) {\n      if (!this[NO_DISPOSE_ON_SET])\n  this[DISPOSE](key, item.value)\n    }\n\n    item.now = now\n    item.maxAge = maxAge\n    item.value =\n  value\n    this[LENGTH] += len - item.length\n    item.length = len\n    this.get(key)\n    trim(this)\n    return\n  true\n  }\n\n  const hit = new Entry(key, value, len, now, maxAge)\n\n  // oversized objects fall out of cache\n  automatically.\n  if (hit.length > this[MAX]) {\n    if (this[DISPOSE])\n  this[DISPOSE](key, value)\n\n    return false\n  }\n\n  this[LENGTH] += hit.length\n  this[LRU_LIST].unshift(hit)\n  this[CACHE].set(key,\n  this[LRU_LIST].head)\n  trim(this)\n  return true\n }\n\n has (key) {\n  if (!this[CACHE].has(key)) return\n  false\n  const hit = this[CACHE].get(key).value\n  return !isStale(this, hit)\n }\n\n get (key) {\n  return get(this,\n  key, true)\n }\n\n peek (key) {\n  return get(this, key, false)\n }\n\n pop () {\n  const node =\n  this[LRU_LIST].tail\n  if (!node)\n    return null\n  del(this, node)\n  return node.value\n }\n\n del (key) {\n  del(this, this[CACHE].get(key))\n }\n\n load (arr) {\n  // reset the cache\n  this.reset()\n\n  const now =\n  Date.now()\n  // A previous serialized cache has the most recent items first\n  for (let l = arr.length - 1; l >= 0; l--)\n  {\n    const hit = arr[l]\n    const expiresAt = hit.e || 0\n    if (expiresAt === 0)\n      // the item was created\n    without expiration in a non aged cache\n    this.set(hit.k, hit.v)\n    else {\n      const maxAge = expiresAt -\n  now\n      // dont add already expired items\n      if (maxAge > 0) {\n        this.set(hit.k, hit.v, maxAge)\n      }\n    }\n  }\n }\n\n prune () {\n  this[CACHE].forEach((value, key) => get(this, key, false))\n }\n\n\nconst get =\n (self, key, doUse) => {\n  const node = self[CACHE].get(key)\n  if (node) {\n    const hit = node.value\n    if\n  (isStale(self, hit))\n    del(self, node)\n    if (!self[ALLOW_STALE])\n  return undefined\n  } else {\n    if\n  (doUse) {\n      if (self[UPDATE_AGE_ON_GET])\n  node.value.now = Date.now()\n      self[LRU_LIST].unshiftNode(node)\n    }\n  }\n  return hit.value\n }\n\n\nconst isStale = (self, hit) => {\n  if\n  (!hit || (!hit.maxAge && !self[MAX_AGE]))\n  return false\n\n  const diff = Date.now() - hit.now\n  return\n  hit.maxAge ? diff > hit.maxAge\n  : self[MAX_AGE] && (diff > self[MAX_AGE])\n }\n\n\nconst trim = self => {\n  if (self[LENGTH] > self[MAX]) {\n    for (let walker = self[LRU_LIST].tail;\n    self[LENGTH] > self[MAX] &&\n    walker !== null;) {\n      // We know that we're about to delete this one, and also\n      // what the next least recently

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used key will be, so just\n    // go ahead and set it now.\n    const prev = walker.prev\n    del(self, walker)\n    walker = prev\n  }\n}\n\nconst del = (self, node) => {\n  if (node) {\n    const hit = node.value\n    if (self[DISPOSE])\n      self[DISPOSE](hit.key, hit.value)\n    self[LENGTH] -= hit.length\n    self[CACHE].delete(hit.key)\n    self[LRU_LIST].removeNode(node)\n  }\n}\n\nclass Entry {\n  constructor (key, value, length, now, maxAge) {\n    this.key = key\n    this.value = value\n    this.length = length\n    this.now = now\n    this.maxAge = maxAge || 0\n  }\n}\n\nconst forEachStep = (self, fn, node, thisp) => {\n  let hit = node.value\n  if (isStale(self, hit)) {\n    del(self, node)\n    if (!self[ALLOW_STALE])\n      hit = undefined\n  }\n  if (hit)\n    fn.call(thisp, hit.value, hit.key, self)\n}\n\nmodule.exports = LRUCache\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\n// ATTENTION\n// When adding new symbols to this file,\n// Please consider also adding to 'react-devtools-shared/src/backend/ReactSymbols'\n// The Symbol used to tag the ReactElement-like types. If there is no native Symbol\n// nor polyfill, then a plain number is used for performance.\n\nexport let REACT_ELEMENT_TYPE = 0xeac7;\nexport let REACT_PORTAL_TYPE = 0xeaca;\nexport let REACT_FRAGMENT_TYPE = 0xeacb;\nexport let REACT_STRICT_MODE_TYPE = 0xeacc;\nexport let REACT_PROFILER_TYPE = 0xeacd;\nexport let REACT_PROVIDER_TYPE = 0xeace;\nexport let REACT_FORWARD_REF_TYPE = 0xeade;\nexport let REACT_SUSPENSE_TYPE = 0eade1;\nexport let REACT_SUSPENSE_LIST_TYPE = 0eade8;\nexport let REACT_MEMO_TYPE = 0eade3;\nexport let REACT_LAZY_TYPE = 0eade4;\nexport let REACT_SCOPE_TYPE = 0eade7;\nexport let REACT_DEBUG_TRACING_MODE_TYPE = 0eae1;\nexport let REACT_OFFSCREEN_TYPE = 0eae2;\nexport let REACT_LEGACY_HIDDEN_TYPE = 0eae3;\nexport let REACT_CACHE_TYPE = 0eae4;\n\nif (typeof Symbol === 'function' && Symbol.for) {\n  const symbolFor = Symbol.for;\n  REACT_ELEMENT_TYPE = symbolFor('react.element');\n  REACT_PORTAL_TYPE = symbolFor('react.portal');\n  REACT_FRAGMENT_TYPE = symbolFor('react.fragment');\n  REACT_STRICT_MODE_TYPE = symbolFor('react.strict_mode');\n  REACT_PROFILER_TYPE = symbolFor('react.profiler');\n  REACT_PROVIDER_TYPE = symbolFor('react.provider');\n  REACT_CONTEXT_TYPE = symbolFor('react.context');\n  REACT_FORWARD_REF_TYPE = symbolFor('react.forward_ref');\n  REACT_SUSPENSE_TYPE = symbolFor('react.suspense');\n  REACT_SUSPENSE_LIST_TYPE = symbolFor('react.suspense_list');\n  REACT_MEMO_TYPE = symbolFor('react.memo');\n  REACT_LAZY_TYPE = symbolFor('react.lazy');\n  REACT_SCOPE_TYPE = symbolFor('react.scope');\n  REACT_DEBUG_TRACING_MODE_TYPE = symbolFor('react.debug_trace_mode');\n  REACT_OFFSCREEN_TYPE = symbolFor('react.offscreen');\n  REACT_LEGACY_HIDDEN_TYPE = symbolFor('react.legacy_hidden');\n  REACT_CACHE_TYPE = symbolFor('react.cache');\n}\n\nconst MAYBE_ITERATOR_SYMBOL = typeof Symbol === 'function' && Symbol.iterator;\nconst FAUX_ITERATOR_SYMBOL = '@@iterator';\n\nexport function getIteratorFn(maybeIterable: ?any): ?() => ?Iterator<*> {\n  if (maybeIterable === null || typeof maybeIterable !== 'object') {\n    return null;\n  }\n  const maybeIterator =\n    (MAYBE_ITERATOR_SYMBOL && maybeIterable[MAYBE_ITERATOR_SYMBOL]) ||\n    maybeIterable[FAUX_ITERATOR_SYMBOL];\n  if (typeof maybeIterator === 'function') {\n    return maybeIterator;\n  }\n  return null;\n}\n\nif (process.env.NODE_ENV === 'production') {\n  module.exports = require('./cjs/react-debug-tools.production.min.js');\n} else {\n  module.exports = require('./cjs/react-debug-tools.development.js');\n}\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\n// This is a DevTools fork of shared/ConsolePatchingDev.\n// The shared console patching code is DEV-only.\n// We can't use it since DevTools only ships production builds.\n// Helpers to patch console.logs to avoid logging during side-effect free\n// replaying on render function. This currently only patches the object\n// lazily which won't cover if the log function was extracted eagerly.\n// We could also eagerly patch the method.\n\nlet disabledDepth = 0;\nlet prevLog;\nlet prevInfo;\nlet prevWarn;\nlet prevError;\nlet prevGroup;\nlet prevGroupCollapsed;\nlet prevGroupEnd;\n\nfunction disabledLog() {\n  __reactDisabledLog =

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true;\n\nexport function disableLogs(): void {\n  if (disabledDepth === 0) {\n    /* eslint-disable react-internal/no-
production-logging */\n    prevLog = console.log;\n    prevInfo = console.info;\n    prevWarn = console.warn;\n
prevError = console.error;\n    prevGroup = console.group;\n    prevGroupCollapsed = console.groupCollapsed;\n
prevGroupEnd = console.groupEnd;\n    // https://github.com/facebook/react/issues/19099\n    const props = {\n
configurable: true,\n    enumerable: true,\n    value: disabledLog,\n    writable: true,\n    }; \n    // $FlowFixMe
Flow thinks console is immutable.\n    Object.defineProperties(console, {\n      info: props,\n      log: props,\n
warn: props,\n      error: props,\n      group: props,\n      groupCollapsed: props,\n      groupEnd: props,\n    }); \n    /*
eslint-enable react-internal/no-production-logging */\n  }\n  disabledDepth++;\n}\n\nexport function
reenableLogs(): void {\n  disabledDepth--;\n  if (disabledDepth === 0) {\n    /* eslint-disable react-internal/no-
production-logging */\n    const props = {\n      configurable: true,\n      enumerable: true,\n      writable: true,\n    }; \n
// $FlowFixMe Flow thinks console is immutable.\n    Object.defineProperties(console, {\n      log: {...props, value:
prevLog},\n      info: {...props, value: prevInfo},\n      warn: {...props, value: prevWarn},\n      error: {...props, value:
prevError},\n      group: {...props, value: prevGroup},\n      groupCollapsed: {...props, value:
prevGroupCollapsed},\n      groupEnd: {...props, value: prevGroupEnd},\n    }); \n    /* eslint-enable react-
internal/no-production-logging */\n  }\n  if (disabledDepth < 0) {\n    console.error(\n      'disabledDepth fell below
zero. ' +\n      'This is a bug in React. Please file an issue.',\n    );\n  }\n}\n\n",/**\n * Copyright (c) Facebook, Inc.
and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the
root directory of this source tree.\n * @flow\n */\n\n// This is a DevTools fork of
ReactComponentStackFrame.\n// This fork enables DevTools to use the same "native" component stack format,\n//
while still maintaining support for multiple renderer versions\n// (which use different values for
ReactTypeOfWork).\n\nimport type {Source} from 'shared/ReactElementType';\nimport type {LazyComponent}
from 'react/src/ReactLazy';\nimport type {CurrentDispatcherRef} from './types';\nimport {\n
FORWARD_REF_NUMBER,\n  FORWARD_REF_SYMBOL_STRING,\n  LAZY_NUMBER,\n  LAZY_SYMBOL_STRING,\n  MEMO_NUMBER,\n  MEMO_SYMBOL_STRING,\n  SUSPENSE_NUMBER,\n  SUSPENSE_SYMBOL_STRING,\n  SUSPENSE_LIST_NUMBER,\n  SUSPENSE_LIST_SYMBOL_STRING,\n}
from './ReactSymbols';\n\n// The shared console patching code is DEV-only.\n// We can't use it since DevTools only
ships production builds.\nimport {disableLogs, reenableLogs} from './DevToolsConsolePatching';\n\nlet
prefix;\n\nexport function describeBuiltInComponentFrame(\n  name: string,\n  source: void | null | Source,\n  ownerFn: void | null | Function,\n): string {\n  if (prefix === undefined) {\n    // Extract the VM specific prefix used
by each line.\n    try {\n      throw Error();\n    } catch (x) {\n      const match = x.stack.trim().match(/\n( *(at) ?)/);\n
      prefix = (match && match[1]) || "";\n    }\n  }\n  // We use the prefix to ensure our stacks line up with native stack
frames.\n  return "\n" + prefix + name;\n}\n\nlet reentry = false;\nlet componentFrameCache;\n\nif (__DEV__) {\n  const PossiblyWeakMap = typeof WeakMap === 'function' ? WeakMap : Map;\n  componentFrameCache = new
PossiblyWeakMap();\n}\n\nexport function describeNativeComponentFrame(\n  fn: Function,\n  construct:
boolean,\n  currentDispatcherRef: CurrentDispatcherRef,\n): string {\n  // If something asked for a stack inside a
fake render, it should get ignored.\n  if (!fn || reentry) {\n    return "";\n  }\n\n  if (__DEV__) {\n    const frame =
componentFrameCache.get(fn);\n    if (frame !== undefined) {\n      return frame;\n    }\n  }\n\n  let control;\n\n  const previousPrepareStackTrace = Error.prepareStackTrace;\n  // $FlowFixMe It does accept undefined.\n  Error.prepareStackTrace = undefined;\n\n  reentry = true;\n\n  // Override the dispatcher so effects scheduled by this
shallow render are thrown away.\n  // Note that unlike the code this was forked from (in
ReactComponentStackFrame)\n  // DevTools should override the dispatcher even when DevTools is compiled in
production mode,\n  // because the app itself may be in development mode and log errors/warnings.\n  const
previousDispatcher = currentDispatcherRef.current;\n  currentDispatcherRef.current = null;\n  disableLogs();\n\n  try {\n    // This should throw.\n    if (construct) {\n      // Something should be setting the props in the constructor.\n
      const Fake = function() {\n        throw Error();\n      }; \n      // $FlowFixMe\n      Object.defineProperty(Fake.prototype, 'props', {\n        set: function() {\n          // We use a throwing setter instead of
frozen or non-writable props\n          // because that won't throw in a non-strict mode function.\n          throw
Error();\n        },\n      });\n      if (typeof Reflect === 'object' && Reflect.construct) {\n        // We construct a

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different control for this case to include any extra\n    // frames added by the construct call.\n    try {\n
Reflect.construct(Fake, []);\n    } catch (x) {\n    control = x;\n    }\n    Reflect.construct(fn, [], Fake);\n
} else {\n    try {\n    Fake.call();\n    } catch (x) {\n    control = x;\n    }\n
fn.call(Fake.prototype);\n    }\n    } else {\n    try {\n    throw Error();\n    } catch (x) {\n    control = x;\n
}\n    fn();\n    }\n    } catch (sample) {\n    // This is inlined manually because closure doesn't do it for us.\n    if
(sample && control && typeof sample.stack === 'string') {\n    // This extracts the first frame from the sample that
isn't also in the control.\n    // Skipping one frame that we assume is the frame that calls the two.\n    const
sampleLines = sample.stack.split("\n");\n    const controlLines = control.stack.split("\n");\n    let s =
sampleLines.length - 1;\n    let c = controlLines.length - 1;\n    while (s >= 1 && c >= 0 && sampleLines[s] !==
controlLines[c]) {\n    // We expect at least one stack frame to be shared.\n    // Typically this will be the root
most one. However, stack frames may be\n    // cut off due to maximum stack limits. In this case, one maybe cut
off\n    // earlier than the other. We assume that the sample is longer or the same\n    // and there for cut off
earlier. So we should find the root most frame in\n    // the sample somewhere in the control.\n    c--;\n    }\n
for (; s >= 1 && c >= 0; s--, c--) {\n    // Next we find the first one that isn't the same which should be the\n    //
frame that called our sample function and the control.\n    if (sampleLines[s] !== controlLines[c]) {\n    // In
V8, the first line is describing the message but other VMs don't.\n    // If we're about to return the first line, and
the control is also on the same\n    // line, that's a pretty good indicator that our sample threw at same line as\n
// the control. I.e. before we entered the sample frame. So we ignore this result.\n    // This can happen if you
passed a class to function component, or non-function.\n    if (s !== 1 || c !== 1) {\n    do {\n    s--;\n
c--;\n    // We may still have similar intermediate frames from the construct call.\n    // The next
one that isn't the same should be our match though.\n    if (c < 0 || sampleLines[s] !== controlLines[c]) {\n
// V8 adds a "new" prefix for native classes. Let's remove it to make it prettier.\n    const frame = "\n" +
sampleLines[s].replace(' at new ', ' at ');
if (__DEV__) {\n    if (typeof fn === 'function') {\n
componentFrameCache.set(fn, frame);\n    }\n    }\n    // Return the line we found.\n
return frame;\n    }\n    } while (s >= 1 && c >= 0);\n    }\n    break;\n    }\n    }\n    }\n
} finally {\n    reentry = false;\n    Error.prepareStackTrace = previousPrepareStackTrace;\n
currentDispatcherRef.current = previousDispatcher;\n    reenableLogs();\n    }\n    // Fallback to just using the name if
we couldn't make it throw.\n    const name = fn ? fn.displayName || fn.name : "";\n    const syntheticFrame = name ?
describeBuiltInComponentFrame(name) : "";\n    if (__DEV__) {\n    if (typeof fn === 'function') {\n
componentFrameCache.set(fn, syntheticFrame);\n    }\n    }\n    return syntheticFrame;\n    }\n
}\n\nexport function
describeClassComponentFrame(\n    ctor: Function,\n    source: void | null | Source,\n    ownerFn: void | null |
Function,\n    currentDispatcherRef: CurrentDispatcherRef,\n): string {\n    return
describeNativeComponentFrame(ctor, true, currentDispatcherRef);\n}\n\nexport function
describeFunctionComponentFrame(\n    fn: Function,\n    source: void | null | Source,\n    ownerFn: void | null |
Function,\n    currentDispatcherRef: CurrentDispatcherRef,\n): string {\n    return describeNativeComponentFrame(fn,
false, currentDispatcherRef);\n}\n\nfunction shouldConstruct(Component: Function) {\n    const prototype =
Component.prototype;\n    return !(prototype && prototype.isReactComponent);\n}\n\nexport function
describeUnknownElementTypeFrameInDEV(\n    type: any,\n    source: void | null | Source,\n    ownerFn: void | null |
Function,\n    currentDispatcherRef: CurrentDispatcherRef,\n): string {\n    if (!__DEV__) {\n    return "";\n    }\n    if
(type == null) {\n    return "";\n    }\n    if (typeof type === 'function') {\n    return describeNativeComponentFrame(\n
type,\n    shouldConstruct(type),\n    currentDispatcherRef,\n    );\n    }\n    if (typeof type === 'string') {\n    return
describeBuiltInComponentFrame(type, source, ownerFn);\n    }\n    switch (type) {\n    case SUSPENSE_NUMBER:\n
case SUSPENSE_SYMBOL_STRING:\n    return describeBuiltInComponentFrame('Suspense', source,
ownerFn);\n    case SUSPENSE_LIST_NUMBER:\n    case SUSPENSE_LIST_SYMBOL_STRING:\n    return
describeBuiltInComponentFrame('SuspenseList', source, ownerFn);\n    }\n    if (typeof type === 'object') {\n    switch
(type.$typeof) {\n    case FORWARD_REF_NUMBER:\n    case FORWARD_REF_SYMBOL_STRING:\n
return describeFunctionComponentFrame(\n    type.render,\n    source,\n    ownerFn,\n
currentDispatcherRef,\n    );\n    case MEMO_NUMBER:\n    case MEMO_SYMBOL_STRING:\n    //

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Memo may contain any component type so we recursively resolve it.\n    return
describeUnknownElementTypeFrameInDEV(\n    type.type,\n    source,\n    ownerFn,\n    currentDispatcherRef,\n    );\n    case LAZY_NUMBER:\n    case LAZY_SYMBOL_STRING: {\n    const
lazyComponent: LazyComponent<any, any> = (type: any);\n    const payload = lazyComponent._payload;\n
const init = lazyComponent._init;\n    try {\n    // Lazy may contain any component type so we recursively
resolve it.\n    return describeUnknownElementTypeFrameInDEV(\n    init(payload),\n    source,\n
    ownerFn,\n    currentDispatcherRef,\n    );\n    } catch (x) {\n    }\n    }\n    }\n    return ";\n\n","/**\n *
Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in
the\n * LICENSE file in the root directory of this source tree.\n * @flow\n *\n\n// This is a DevTools fork of
ReactFiberComponentStack.\n\n// This fork enables DevTools to use the same \"native\" component stack format,\n\n
while still maintaining support for multiple renderer versions\n\n (which use different values for
ReactTypeOfWork).\n\nimport type {Fiber} from 'react-reconciler/src/ReactInternalTypes';\nimport type
{CurrentDispatcherRef, WorkTagMap} from './types';\nimport {\n describeBuiltInComponentFrame,\n
describeFunctionComponentFrame,\n describeClassComponentFrame,\n } from
'/DevToolsComponentStackFrame';\n\nfunction describeFiber(\n workTagMap: WorkTagMap,\n workInProgress:
Fiber,\n currentDispatcherRef: CurrentDispatcherRef,\n): string {\n const {\n HostComponent,\n
LazyComponent,\n SuspenseComponent,\n SuspenseListComponent,\n FunctionComponent,\n
IndeterminateComponent,\n SimpleMemoComponent,\n ForwardRef,\n ClassComponent,\n } =
workTagMap;\n\n const owner: null | Function = __DEV__\n ? workInProgress._debugOwner\n ?
workInProgress._debugOwner.type\n : null\n : null;\n const source = __DEV__\n ?
workInProgress._debugSource : null;\n switch (workInProgress.tag) {\n case HostComponent:\n return
describeBuiltInComponentFrame(workInProgress.type, source, owner);\n case LazyComponent:\n return
describeBuiltInComponentFrame('Lazy', source, owner);\n case SuspenseComponent:\n return
describeBuiltInComponentFrame('Suspense', source, owner);\n case SuspenseListComponent:\n return
describeBuiltInComponentFrame('SuspenseList', source, owner);\n case FunctionComponent:\n case
IndeterminateComponent:\n case SimpleMemoComponent:\n return describeFunctionComponentFrame(\n
workInProgress.type,\n source,\n owner,\n currentDispatcherRef,\n );\n case ForwardRef:\n
return describeFunctionComponentFrame(\n workInProgress.type.render,\n source,\n owner,\n
currentDispatcherRef,\n );\n case ClassComponent:\n return describeClassComponentFrame(\n
workInProgress.type,\n source,\n owner,\n currentDispatcherRef,\n );\n default:\n return ";\n
}\n}\n\nexport function getStackByFiberInDevAndProd(\n workTagMap: WorkTagMap,\n workInProgress:
Fiber,\n currentDispatcherRef: CurrentDispatcherRef,\n): string {\n try {\n let info = ";\n let node =
workInProgress;\n do {\n info += describeFiber(workTagMap, node, currentDispatcherRef);\n node =
node.return;\n } while (node);\n return info;\n } catch (x) {\n return "\\nError generating stack: ' + x.message +
\\n' + x.stack;\n }\n}\n\n",`var scope = (typeof global !== \"undefined\" && global) ||\n (typeof self !==
\"undefined\" && self) ||\n window;\nvar apply = Function.prototype.apply;\n\n// DOM APIs, for
completeness\n\nexports.setTimeout = function() {\n return new Timeout(apply.call(setTimeout, scope, arguments),
clearTimeout);\n};\nexports.setInterval = function() {\n return new Timeout(apply.call(setInterval, scope,
arguments), clearInterval);\n};\nexports.clearTimeout =\nexports.clearInterval = function(timeout) {\n if (timeout)
{\n timeout.close();\n }\n};\n\nfunction Timeout(id, clearFn) {\n this._id = id;\n this._clearFn =
clearFn;\n}\n\nTimeout.prototype.unref = Timeout.prototype.ref = function() {};\n\nTimeout.prototype.close =
function() {\n this._clearFn.call(scope, this._id);\n};\n\n// Does not start the time, just sets up the members
needed.\n\nexports.enroll = function(item, msecs) {\n clearTimeout(item._idleTimeoutId);\n item._idleTimeout =
msecs;\n};\n\nexports.unenroll = function(item) {\n clearTimeout(item._idleTimeoutId);\n item._idleTimeout = -
1;\n};\n\nexports._unrefActive = exports.active = function(item) {\n clearTimeout(item._idleTimeoutId);\n\n var
msecs = item._idleTimeout;\n if (msecs >= 0) {\n item._idleTimeoutId = setTimeout(function onTimeout() {\n
if (item._onTimeout)\n item._onTimeout();\n }, msecs);\n }\n};\n\n// setimmediate attaches itself to the
global object\nrequire(\"setimmediate\");\n\n// On some exotic environments, it's not clear which object

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`setImmediate` was able to install onto. Search each possibility in the same order as the `setImmediate`
library.\nexports.setImmediate = (typeof self !== "undefined" && self.setImmediate) ||\n      (typeof
global !== "undefined" && global.setImmediate) ||\n      (this &&
this.setImmediate);\nexports.clearImmediate = (typeof self !== "undefined" && self.clearImmediate) ||\n      (typeof global !== "undefined" && global.clearImmediate) ||\n      (this &&
this.clearImmediate);\n","(function (global, undefined) {\n  "use strict";\n\n  if (global.setImmediate) {\n
return;\n  }\n\n  var nextHandle = 1; // Spec says greater than zero\n  var tasksByHandle = {};\n  var
currentlyRunningATask = false;\n  var doc = global.document;\n  var registerImmediate;\n\n  function
setImmediate(callback) {\n    // Callback can either be a function or a string\n    if (typeof callback !==
"function") {\n      callback = new Function("(" + callback); \n    }\n    // Copy function arguments\n    var args
= new Array(arguments.length - 1);\n    for (var i = 0; i < args.length; i++) {\n      args[i] = arguments[i + 1];\n
}\n    // Store and register the task\n    var task = { callback: callback, args: args }; \n    tasksByHandle[nextHandle] = task;\n    registerImmediate(nextHandle);\n    return nextHandle++;\n  }\n\n  function clearImmediate(handle) {\n    delete tasksByHandle[handle];\n  }\n\n  function run(task) {\n    var
callback = task.callback;\n    var args = task.args;\n    switch (args.length) {\n      case 0:\n        callback();\n      break;\n      case 1:\n        callback(args[0]);\n      break;\n      case 2:\n        callback(args[0],
args[1]);\n      break;\n      case 3:\n        callback(args[0], args[1], args[2]);\n      break;\n      default:\n        callback.apply(undefined, args);\n      break;\n    }\n  }\n\n  function runIfPresent(handle) {\n    //
From the spec: "Wait until any invocations of this algorithm started before this one have completed." \n    // So if
we're currently running a task, we'll need to delay this invocation.\n    if (currentlyRunningATask) {\n      //
Delay by doing a setTimeout. setImmediate was tried instead, but in Firefox 7 it generated a\n      // "too much
recursion" error.\n      setTimeout(runIfPresent, 0, handle);\n    } else {\n      var task =
tasksByHandle[handle];\n      if (task) {\n        currentlyRunningATask = true;\n        try {\n          run(task);\n        } finally {\n          clearImmediate(handle);\n          currentlyRunningATask =
false;\n        }\n      }\n    }\n  }\n\n  function installNextTickImplementation() {\n
registerImmediate = function(handle) {\n    process.nextTick(function () { runIfPresent(handle); });\n  };\n}\n\n  function canUsePostMessage() {\n    // The test against `importScripts` prevents this implementation from
being installed inside a web worker,\n    // where `global.postMessage` means something completely different and
can't be used for this purpose.\n    if (global.postMessage && !global.importScripts) {\n      var
postMessageIsAsynchronous = true;\n      var oldOnMessage = global.onmessage;\n      global.onmessage =
function() {\n        postMessageIsAsynchronous = false;\n      }; \n      global.postMessage("", "*");\n      global.onmessage = oldOnMessage;\n      return postMessageIsAsynchronous;\n    }\n  }\n\n  function
installPostMessageImplementation() {\n    // Installs an event handler on `global` for the `message` event: see\n
// * https://developer.mozilla.org/en/DOM/window.postMessage\n    // * http://www.whatwg.org/specs/web-
apps/current-work/multipage/comms.html#crossDocumentMessages\n    var messagePrefix = "setImmediate$" +
Math.random() + "$";\n    var onGlobalMessage = function(event) {\n      if (event.source === global
&&\n        typeof event.data === "string" &&\n        event.data.indexOf(messagePrefix) === 0) {\n
runIfPresent(+event.data.slice(messagePrefix.length));\n      }\n    };\n    if (global.addEventListener)\n    {\n      global.addEventListener("message", onGlobalMessage, false);\n    } else {\n      global.attachEvent("onmessage", onGlobalMessage);\n    }\n    registerImmediate = function(handle) {\n      global.postMessage(messagePrefix + handle, "*");\n    };\n  }\n\n  function
installMessageChannelImplementation() {\n    var channel = new MessageChannel();\n    channel.port1.onmessage = function(event) {\n      var handle = event.data;\n      runIfPresent(handle);\n    };\n    registerImmediate = function(handle) {\n      channel.port2.postMessage(handle);\n    };\n  }\n\n  function installReadyStateChangeImplementation() {\n    var html = doc.documentElement;\n    registerImmediate = function(handle) {\n      // Create a <script> element; its readystatechange event will be
fired asynchronously once it is inserted\n      // into the document. Do so, thus queuing up the task. Remember to
clean up once it's been called.\n      var script = doc.createElement("script");\n      script.onreadystatechange

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= function () {\n
    runIfPresent(handle);\n
    script.onreadystatechange = null;\n
html.removeChild(script);\n
    script = null;\n
};\n
html.appendChild(script);\n
};\n
}\n\n
function installSetTimeoutImplementation() {\n
    registerImmediate = function(handle) {\n
setTimeout(runIfPresent, 0, handle);\n
    };\n
}\n\n
// If supported, we should attach to the prototype of global,
since that is where setTimeout et al. live.\n
var attachTo = Object.getPrototypeOf &&
Object.getPrototypeOf(global);\n
attachTo = attachTo && attachTo.setTimeout ? attachTo : global;\n\n
// Don't
get fooled by e.g. browserify environments.\n
if ({}.toString.call(global.process) === "[object process]") {\n
// For Node.js before 0.9\n
installNextTickImplementation();\n\n
} else if (canUsePostMessage()) {\n
//
For non-IE10 modern browsers\n
installPostMessageImplementation();\n\n
} else if (global.MessageChannel)
{\n
// For web workers, where supported\n
installMessageChannelImplementation();\n\n
} else if (doc
&& "onreadystatechange" in doc.createElement("script")) {\n
// For IE 6–8\n
installReadyStateChangeImplementation();\n\n
} else {\n
// For older browsers\n
installSetTimeoutImplementation();\n
}\n\n
attachTo.setImmediate = setImmediate;\n
attachTo.clearImmediate = clearImmediate;\n
}(typeof self === "undefined" ? typeof global === "undefined" ?
this : global : self));\n
", "use strict\n
module.exports = Yallist\n
Yallist.Node = Node\n
Yallist.create =
Yallist\n
function Yallist (list) {\n
var self = this\n
if (!(self instanceof Yallist)) {\n
self = new Yallist()\n
}\n\n
self.tail = null\n
self.head = null\n
self.length = 0\n\n
if (list && typeof list.forEach === 'function') {\n
list.forEach(function (item) {\n
self.push(item)\n
})\n
} else if (arguments.length > 0) {\n
for (var i = 0, l =
arguments.length; i < l; i++) {\n
self.push(arguments[i])\n
})\n
}\n\n
return
self\n
}\n\n
Yallist.prototype.removeNode = function (node) {\n
if (node.list !== this) {\n
throw new
Error('removing node which does not belong to this list')\n
}\n\n
var next = node.next\n
var prev = node.prev\n\n
if (next) {\n
next.prev = prev\n
}\n\n
if (prev) {\n
prev.next = next\n
}\n\n
if (node === this.head) {\n
this.head = next\n
}\n
if (node === this.tail) {\n
this.tail = prev\n
}\n\n
node.list.length--\n
node.next = null\n
node.prev = null\n
node.list = null\n\n
return next\n
}\n\n
Yallist.prototype.unshiftNode = function (node) {\n
if
(node === this.head) {\n
return\n
}\n\n
if (node.list) {\n
node.list.removeNode(node)\n
}\n\n
var head =
this.head\n
node.list = this\n
node.next = head\n
if (head) {\n
head.prev = node\n
}\n\n
this.head = node\n
if
(!this.tail) {\n
this.tail = node\n
}\n
this.length++\n
}\n\n
Yallist.prototype.pushNode = function (node) {\n
if
(node === this.tail) {\n
return\n
}\n\n
if (node.list) {\n
node.list.removeNode(node)\n
}\n\n
var tail =
this.tail\n
node.list = this\n
node.prev = tail\n
if (tail) {\n
tail.next = node\n
}\n\n
this.tail = node\n
if
(!this.head) {\n
this.head = node\n
}\n
this.length++\n
}\n\n
Yallist.prototype.push = function () {\n
for (var i = 0,
l = arguments.length; i < l; i++) {\n
push(this, arguments[i])\n
}\n
return
this.length\n
}\n\n
Yallist.prototype.unshift = function () {\n
for (var i = 0, l = arguments.length; i < l; i++) {\n
unshift(this, arguments[i])\n
}\n
return this.length\n
}\n\n
Yallist.prototype.pop = function () {\n
if (!this.tail) {\n
return undefined\n
}\n\n
var res = this.tail.value\n
this.tail = this.tail.prev\n
if (this.tail) {\n
this.tail.next = null\n
}\n
else {\n
this.head = null\n
}\n
this.length--\n
return res\n
}\n\n
Yallist.prototype.shift = function () {\n
if
(!this.head) {\n
return undefined\n
}\n\n
var res = this.head.value\n
this.head = this.head.next\n
if (this.head) {\n
this.head.prev = null\n
}\n
else {\n
this.tail = null\n
}\n
this.length--\n
return res\n
}\n\n
Yallist.prototype.forEach
= function (fn, thisp) {\n
thisp = thisp || this\n
for (var walker = this.head, i = 0; walker !== null; i++) {\n
fn.call(thisp, walker.value, i, this)\n
walker = walker.next\n
}\n
}\n\n
Yallist.prototype.forEachReverse = function
(fn, thisp) {\n
thisp = thisp || this\n
for (var walker = this.tail, i = this.length - 1; walker !== null; i--) {\n
fn.call(thisp, walker.value, i, this)\n
walker = walker.prev\n
}\n
}\n\n
Yallist.prototype.get = function (n) {\n
for
(var i = 0, walker = this.head; walker !== null && i < n; i++) {\n
// abort out of the list early if we hit a cycle\n
walker = walker.next\n
}\n
if (i === n && walker !== null) {\n
return walker.value\n
}\n
}\n\n
Yallist.prototype.getReverse = function (n) {\n
for (var i = 0, walker = this.tail; walker !== null && i < n;
i++) {\n
// abort out of the list early if we hit a cycle\n
walker = walker.prev\n
}\n
if (i === n && walker !==
null) {\n
return walker.value\n
}\n
}\n\n
Yallist.prototype.map = function (fn, thisp) {\n
thisp = thisp || this\n
var
res = new Yallist()\n
for (var walker = this.head; walker !== null;) {\n
res.push(fn.call(thisp, walker.value, this))\n
walker = walker.next\n
}\n
return res\n
}\n\n
Yallist.prototype.mapReverse = function (fn, thisp) {\n
thisp = thisp ||
}

```



```

this
var res = new Yallist()
for (var walker = this.tail; walker !== null;) {
  res.push(fn.call(thisp,
walker.value, this))
  walker = walker.prev
}
return res
}
Yallist.prototype.reduce = function (fn, initial)
{
var acc
var walker = this.head
if (arguments.length > 1) {
  acc = initial
} else if (this.head) {
  walker = this.head.next
  acc = this.head.value
} else {
  throw new TypeError('Reduce of empty list with no
initial value')
}
for (var i = 0; walker !== null; i++) {
  acc = fn(acc, walker.value, i)
  walker =
walker.next
}
return acc
}
Yallist.prototype.reduceReverse = function (fn, initial) {
var acc
var
walker = this.tail
if (arguments.length > 1) {
  acc = initial
} else if (this.tail) {
  walker = this.tail.prev
  acc = this.tail.value
} else {
  throw new TypeError('Reduce of empty list with no initial value')
}
for
(var i = this.length - 1; walker !== null; i--) {
  acc = fn(acc, walker.value, i)
  walker = walker.prev
}
return acc
}
Yallist.prototype.toArray = function () {
var arr = new Array(this.length)
for (var i = 0, walker
= this.head; walker !== null; i++) {
  arr[i] = walker.value
  walker = walker.next
}
return
arr
}
Yallist.prototype.toArrayReverse = function () {
var arr = new Array(this.length)
for (var i = 0,
walker = this.tail; walker !== null; i++) {
  arr[i] = walker.value
  walker = walker.prev
}
return
arr
}
Yallist.prototype.slice = function (from, to) {
to = to || this.length
if (to < 0) {
  to += this.length
}
from = from || 0
if (from < 0) {
  from += this.length
}
var ret = new Yallist()
if (to < from || to < 0)
{
  return ret
}
if (from < 0) {
  from = 0
}
if (to > this.length) {
  to = this.length
}
for (var i =
0, walker = this.head; walker !== null && i < from; i++) {
  walker = walker.next
}
for (; walker !== null
&& i < to; i++, walker = walker.next) {
  ret.push(walker.value)
}
return
ret
}
Yallist.prototype.sliceReverse = function (from, to) {
to = to || this.length
if (to < 0) {
  to +=
this.length
}
from = from || 0
if (from < 0) {
  from += this.length
}
var ret = new Yallist()
if (to <
from || to < 0) {
  return ret
}
if (from < 0) {
  from = 0
}
if (to > this.length) {
  to = this.length
}
for (var i = this.length, walker = this.tail; walker !== null && i > to; i--) {
  walker = walker.prev
}
for (;
walker !== null && i > from; i--, walker = walker.prev) {
  ret.push(walker.value)
}
return
ret
}
Yallist.prototype.splice = function (start, deleteCount /*, ...nodes */) {
if (start > this.length) {
  start =
this.length - 1
}
if (start < 0) {
  start = this.length + start
}
for (var i = 0, walker = this.head; walker
!== null && i < start; i++) {
  walker = walker.next
}
var ret = []
for (var i = 0; walker && i <
deleteCount; i++) {
  ret.push(walker.value)
  walker = this.removeNode(walker)
}
if (walker === null)
{
  walker = this.tail
}
if (walker !== this.head && walker !== this.tail) {
  walker = walker.prev
}
for (var i = 2; i < arguments.length; i++) {
  walker = insert(this, walker, arguments[i])
}
return
ret
}
Yallist.prototype.reverse = function () {
var head = this.head
var tail = this.tail
for (var walker =
head; walker !== null; walker = walker.prev) {
  var p = walker.prev
  walker.prev = walker.next
  walker.next = p
}
this.head = tail
this.tail = head
return this
}
function insert (self, node, value) {
var inserted = node === self.head ?
new Node(value, null, node, self) :
new Node(value, node, node.next,
self)
if (inserted.next === null) {
  self.tail = inserted
}
if (inserted.prev === null) {
  self.head =
inserted
}
self.length++
return inserted
}
function push (self, item) {
self.tail = new Node(item,
self.tail, null, self)
if (!self.head) {
  self.head = self.tail
}
self.length++
}
function unshift (self, item)
{
self.head = new Node(item, null, self.head, self)
if (!self.tail) {
  self.tail = self.head
}
self.length++
}
function Node (value, prev, next, list) {
if (!(this instanceof Node)) {
  return new
Node(value, prev, next, list)
}
this.list = list
this.value = value
if (prev) {
  prev.next = this
}
this.prev = prev
} else {
  this.prev = null
}
if (next) {
  next.prev = this
  this.next = next
} else
{
  this.next = null
}
}
// add if support for Symbol.iterator is present
require('./iterator.js')(Yallist)
} catch (er) {}
'use strict'
module.exports = function (Yallist) {
Yallist.prototype[Symbol.iterator] = function* () {
for (let walker = this.head; walker; walker = walker.next) {
  yield walker.value
}
}
}
"/**
* @license React
* react-is.production.min.js
* @n * Copyright (c)
Facebook, Inc. and its affiliates.
* This source code is licensed under the MIT license found in the
*
LICENSE file in the root directory of this source tree.
*/
'use strict';
var
b=60103,c=60106,d=60107,e=60108,f=60114,g=60109,h=60110,k=60112,l=60113,m=60120,n=60115,p=60116,q=
60129,r=60130,u=60131,v=60132;
nif("function"===typeof Symbol&&Symbol.for){var

```

```

w=Symbol.for;b=w("react.element");c=w("react.portal");d=w("react.fragment");e=w("react.strict_mode");f=w
("react.profiler");g=w("react.provider");h=w("react.context");k=w("react.forward_ref");l=w("react.suspense")
);m=w("react.suspense_list");n=w("react.memo");p=w("react.lazy");q=w("react.debug_trace_mode");r=w("re
act.offscreen");u=w("react.legacy_hidden");v=w("react.cache")}var x=0;"function"===typeof
Symbol&&(x=Symbol.for("react.module.reference"));nfunction y(a){if("object"===typeof a&&null!==(a){ var
t=a.$typeof;switch(t){case b:switch(a=a.type,a){case d:case f:case e:case l:case m:return
a;default:switch(a=a&&a.$typeof,a){case h:case k:case p:case n:case g:return a;default:return t }}case c:return
t}} }var
z=g,A=b,B=k,C=d,D=p,E=n,F=c,G=f,H=e,I=l,J=m;exports.ContextConsumer=h;exports.ContextProvider=z;exports
.Element=A;exports.ForwardRef=B;exports.Fragment=C;exports.Lazy=D;exports.Memo=E;exports.Portal=F;export
s.Profiler=G;\nexports.StrictMode=H;exports.Suspense=I;exports.SuspenseList=J;exports.isAsyncMode=function()
{return!1};exports.isConcurrentMode=function(){return!1};exports.isContextConsumer=function(a){return
y(a)===h};exports.isContextProvider=function(a){return
y(a)===g};exports.isElement=function(a){return"object"===typeof
a&&null!==(a&&a.$typeof===b)};exports.isForwardRef=function(a){return
y(a)===k};exports.isFragment=function(a){return y(a)===d};exports.isLazy=function(a){return
y(a)===p};\nexports.isMemo=function(a){return y(a)===n};exports.isPortal=function(a){return
y(a)===c};exports.isProfiler=function(a){return y(a)===f};exports.isStrictMode=function(a){return
y(a)===e};exports.isSuspense=function(a){return y(a)===l};exports.isSuspenseList=function(a){return
y(a)===m};\nexports.isValidElementType=function(a){return"string"===typeof a||"function"===typeof
a||a===d||a===f||a===q||a===e||a===l||a===m||a===u||a===r||a===v||"object"===typeof
a&&null!==(a&&a.$typeof===p||a.$typeof===n||a.$typeof===g||a.$typeof===h||a.$typeof===k||a.$typeof=
===x||void 0!==(a.getModuleId)?!0:!1};exports.typeOf=y;"n","/*\n * @license React\n * react-debug-
tools.production.min.js\n *\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed
under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n */\n'use strict';var
h=require("object-assign"),l=require("error-stack-
parser"),q=require("react").__SECRET_INTERNALS_DO_NOT_USE_OR_YOU_WILL_BE_FIRED,w=[],x=nu
ll;\nfunction y(){if(null===x){var a=new
Map;try{z.useContext({_currentValue:null}),z.useState(null),z.useReducer(function(a){return
a},null),z.useRef(null),"function"===typeof
z.useCacheRefresh&&z.useCacheRefresh(),z.useLayoutEffect(function(){}),z.useInsertionEffect(function(){}),z.us
eEffect(function(){}),z.useImperativeHandle(void 0,function(){return
null}),z.useDebugValue(null),z.useCallback(function(){}),z.useMemo(function(){return null})}finally{var
b=w;w=[]}for(var e=0;e<b.length;e++){var f=b[e];na.set(f.primitive,l.parse(f.stackError))}x=a}return x}var
A=null;function B(){var a=A;null!==(a&&(A=a.next));return a}\nvar z={getCacheForType:function(){throw
Error("Not implemented.")};},readContext:function(a){return a._currentValue},useCacheRefresh:function(){var
a=B();w.push({primitive:"CacheRefresh",stackError:Error(),value:null!==(a?a.memoizedState:function(){})});retur
n function(){},useCallback:function(a){var
b=B();w.push({primitive:"Callback",stackError:Error(),value:null!==(b?b.memoizedState[0]:a)});return
a},useContext:function(a){w.push({primitive:"Context",stackError:Error(),value:a._currentValue});return
a._currentValue},\nuseEffect:function(a){B();w.push({primitive:"Effect",stackError:Error(),value:a})},useImperat
iveHandle:function(a){B();var b=void 0;null!==(a&&"object"===typeof
a&&(b=a.current));w.push({primitive:"ImperativeHandle",stackError:Error(),value:b})},useDebugValue:function(a
,b){w.push({primitive:"DebugValue",stackError:Error(),value:"function"===typeof
b?b(a):a}),useLayoutEffect(function(a){B();w.push({primitive:"LayoutEffect",stackError:Error(),value:a})},useI
nsertionEffect(function(a){B();w.push({primitive:"InsertionEffect",\nstackError:Error(),value:a})},useMemo:funct
ion(a){var
b=B();a=null!==(b?b.memoizedState[0]:a);w.push({primitive:"Memo",stackError:Error(),value:a});return

```

```

a},useReducer:function(a,b,e){a=B();b=null!==(a?a.memoizedState:void
0!==(e?e(b):b);w.push({primitive:"Reducer",stackError:Error(),value:b});return[b,function(){}]},useRef:function(a)
{var
b=B();a=null!==(b?b.memoizedState:{current:a};w.push({primitive:"Ref",stackError:Error(),value:a.current});return
n a},useState:function(a){var b=B();a=null!==(b?b.memoizedState:\n"function"===typeof
a?a():a;w.push({primitive:"State",stackError:Error(),value:a});return[a,function(){}]},useTransition:function(){B()
;B();w.push({primitive:"Transition",stackError:Error(),value:void
0});return[!1,function(){}]},useMutableSource:function(a,b){B();B();B();B();a=b(a._source);w.push({primitive:"M
utableSource",stackError:Error(),value:a});return
a},useSyncExternalStore:function(a,b){B();B();a=b();w.push({primitive:"SyncExternalStore",stackError:Error(),va
lue:a});return
a},useDeferredValue:function(a){B();\nB();w.push({primitive:"DeferredValue",stackError:Error(),value:a});return
a},useId:function(){var
a=B();a=null!==(a?a.memoizedState:"");w.push({primitive:"Id",stackError:Error(),value:a});return
a}},C=0;function D(a,b,e){var f=b[e].source,c=0;a:for(c<a.length;c++)if(a[c].source===f){for(var
m=e+1,r=c+1;m<b.length&&r<a.length;m++,r++)if(a[r].source!==b[m].source)continue a;return c}return-
1}function E(a,b){if(!a)return!1;b="use"+b;return a.length<b.length?!1:a.lastIndexOf(b)===a.length-
b.length}\nfunction F(a,b,e){for(var f=[],c=null,m=f,r=0,t=[],v=0;v<b.length;v++){var u=b[v];var d=a;var
k=l.parse(u.stackError);b:{var n=k,p=D(n,d,C);if(-1!==(p)d=p;else{for(var
g=0;g<d.length&&5>g;g++)if(p=D(n,d,g),-1!==(p){C=g;d=p;break b}d=-1}}b:{n=k;p=y().get(u.primitive);if(void
0!==(p)for(g=0;g<p.length&&g<n.length;g++)if(p[g].source!==n[g].source){g<n.length-
1&&E(n[g].functionName,u.primitive)&&g++;g<n.length-
1&&E(n[g].functionName,u.primitive)&&g++;n=g;break b}n=-1}k=-1===d||-1===n||2>d-n?null:k.slice(n,\nd-
1);if(null!==(k){d=0;if(null!==(c){for(;d<k.length&&d<c.length&&k[k.length-d-1].source===c[c.length-d-
1].source;)d++;for(c=c.length-1;c>d;c--)m=t.pop()}for(c=k.length-d-1;1<=c;c--)d=[],n=k[c],(p=k[c-
1].functionName)?(g=p.lastIndexOf("\."),-
1===g&&(g=0),"use"===p.substr(g,3)&&(g+=3),p=p.substr(g)):p="",p={id:null,isStateEditable:!1,name:p,value
:void
0,subHooks:d},e&&(p.hookSource={lineNumber:n.lineNumber,columnNumber:n.columnNumber,functionName:n.
functionName,fileName:n.fileName}),m.push(p),t.push(m),\nm=d;c=k}d=u.primitive;u={id:"Context"===d||"Deb
ugValue"===d?null:r++,isStateEditable:"Reducer"===d||"State"===d,name:d,value:u.value,subHooks:[]};e&&(
d={lineNumber:null,functionName:null,fileName:null,columnNumber:null},k&&1<=k.length&&(k=k[0],d.lineNu
mber=k.lineNumber,d.functionName=k.functionName,d.fileName=k.fileName,d.columnNumber=k.columnNumber
),u.hookSource=d);m.push(u)}G(f,null);return f}\nfunction G(a,b){for(var e=[],f=0;f<a.length;f++){var
c=a[f];"DebugValue"===c.name&&0===c.subHooks.length?(a.splice(f,1),f--
,e.push(c)):G(c.subHooks,c)}null!==(b&&(1===e.length?b.value=e[0].value:1<e.length&&(b.value=e.map(function
(a){return a.value}))))}function H(a,b,e){var f=3<arguments.length&&void
0!==(arguments[3]?arguments[3]:!1;null==e&&(e=q.ReactCurrentDispatcher);var c=e.current;e.current=z;try{var
m=Error();a(b)}finally{var r=w;w=[];e.current=c}c=l.parse(m);return F(c,r,f)}\nfunction
I(a){a.forEach(function(a,e){return
e._currentValue=a})}exports.inspectHooks=H;\nexports.inspectHooksOfFiber=function(a,b){var
e=2<arguments.length&&void
0!==(arguments[2]?arguments[2]:!1;null==b&&(b=q.ReactCurrentDispatcher);if(0!==(a.tag&&15!==(a.tag&&11!==(
a.tag)throw Error("Unknown Fiber. Needs to be a function component to inspect hooks.");y();var
f=a.type,c=a.memoizedProps;if(f!==(a.elementType&&f&&f.defaultProps){c=h({},c);var m=f.defaultProps;for(r in
m)void 0===c[r]&&(c[r]=m[r])}A=a.memoizedState;var r=new Map;try{for(m=a;m;){if(10===m.tag){var
t=m.type._context;r.has(t)||n(r.set(t,t._currentValue),t._currentValue=m.memoizedProps.value)}m=m.return}if(11=
===a.tag){var v=f.render;f=c;var u=a.ref;t=b;var d=t.current;t.current=z;try{var k=Error();v(f,u)}finally{var

```

```

n=w;w=[];t.current=d}var p=l.parse(k);return F(p,n,e)}return H(f,c,b,e)}finally{A=null,I(r)};}\n", "(function(root,
factory) {\n  'use strict';\n  // Universal Module Definition (UMD) to support AMD, CommonJS/Node.js, Rhino,
and browsers.\n\n  /* istanbul ignore next */\n  if (typeof define === 'function' && define.amd) {\n
define('error-stack-parser', ['stackframe'], factory);\n  } else if (typeof exports === 'object') {\n    module.exports
= factory(require('stackframe'));\n  } else {\n    root.ErrorStackParser = factory(root.StackFrame);\n  }\n}(this,
function ErrorStackParser(StackFrame) {\n  'use strict';\n\n  var FIREFOX_SAFARI_STACK_REGEXP =
/^(^@)\S+:\d+;/;\n  var CHROME_IE_STACK_REGEXP = /^s*at.*(\S+:\d+|(native))/m;\n  var
SAFARI_NATIVE_CODE_REGEXP = /^(eval@)?(\[native code\])?$/;\n\n  return {\n    /**\n     * Given an
Error object, extract the most information from it.\n     * @param {Error} error object\n     * @return
{Array} of StackFrames\n     * @n    parse: function ErrorStackParser$$parse(error) {\n      if (typeof
error.stacktrace !== 'undefined' || typeof error['opera#sourceloc'] !== 'undefined') {\n        return
this.parseOpera(error);\n      } else if (error.stack && error.stack.match(CHROME_IE_STACK_REGEXP)) {\n
        return this.parseV8OrIE(error);\n      } else if (error.stack) {\n        return
this.parseFFOrSafari(error);\n      } else {\n        throw new Error('Cannot parse given Error object');\n
      }\n    },\n\n    // Separate line and column numbers from a string of the form: (URI:Line:Column)\n
extractLocation: function ErrorStackParser$$extractLocation(urlLike) {\n      // Fail-fast but return locations like
\"(native)\"\n      if (urlLike.indexOf(':') === -1) {\n        return [urlLike];\n      }\n\n      var regExp =
/(.+)?(?::(\d+))?(?::(\d+))?$/;\n      var parts = regExp.exec(urlLike.replace(/[/]/g, ''));\n      return [parts[1],
parts[2] || undefined, parts[3] || undefined];\n    },\n\n    parseV8OrIE: function
ErrorStackParser$$parseV8OrIE(error) {\n      var filtered = error.stack.split('\n').filter(function(line) {\n
        return !!line.match(CHROME_IE_STACK_REGEXP);\n      }, this);\n\n      return
filtered.map(function(line) {\n        if (line.indexOf('(eval ') > -1) {\n          // Throw away eval
information until we implement stacktrace.js/stackframe#8\n          line = line.replace(/eval code/g,
'eval').replace(/(\(eval at [^()]*\)|\(\),.*$/g, '');\n          var sanitizedLine = line.replace(/^(s+/,
").replace(/\(eval code/g, '(');\n          // capture and preseve the parenthesized location \"(/foo/my
bar.js:12:87)\" in\n          // case it has spaces in it, as the string is split on s+ later on\n          var location =
sanitizedLine.match(/ (\(((+):(\d+):(\d+)\))$/);\n          // remove the parenthesized location from the line, if it
was matched\n          sanitizedLine = location ? sanitizedLine.replace(location[0], '') : sanitizedLine;\n\n
var tokens = sanitizedLine.split(/s+/).slice(1);\n          // if a location was matched, pass it to extractLocation()
otherwise pop the last token\n          var locationParts = this.extractLocation(location ? location[1] :
tokens.pop());\n          var functionName = tokens.join(' ') || undefined;\n          var fileName = ['eval',
'<anonymous>'].indexOf(locationParts[0]) > -1 ? undefined : locationParts[0];\n          return new
StackFrame({\n            functionName: functionName,\n            fileName: fileName,\n
            lineNumber: locationParts[1],\n            columnNumber: locationParts[2],\n            source: line\n
          });\n        }, this);\n      },\n\n      parseFFOrSafari: function ErrorStackParser$$parseFFOrSafari(error) {\n
        var filtered = error.stack.split('\n').filter(function(line) {\n          return
!!line.match(SAFARI_NATIVE_CODE_REGEXP);\n        }, this);\n\n        return filtered.map(function(line)
{\n          // Throw away eval information until we implement stacktrace.js/stackframe#8\n          if
(line.indexOf(' > eval') > -1) {\n            line = line.replace(/ line (\d+)(?: > eval line \d+)* > eval:\d+:\d+/g,
'$1');\n          }\n\n          if (line.indexOf('@') === -1 && line.indexOf(':') === -1) {\n            // Safari
eval frames only have function names and nothing else\n            return new StackFrame({\n              functionName: line\n            });\n          } else {\n            var functionNameRegex =
/((.*).+\"[^\"]*)?([^\"]*)(?:@)/;\n            var matches = line.match(functionNameRegex);\n            var
functionName = matches && matches[1] ? matches[1] : undefined;\n            var locationParts =
this.extractLocation(line.replace(functionNameRegex, ''));\n            return new StackFrame({\n              functionName: functionName,\n              fileName: locationParts[0],\n              lineNumber:
locationParts[1],\n              columnNumber: locationParts[2],\n              source: line\n            });\n          }\n        }, this);\n      },\n\n      parseOpera: function ErrorStackParser$$parseOpera(e) {\n        if

```



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fileName + ':' + lineNumber + ':' + columnNumber + ')';\n      }\n      return fileName + ':' + lineNumber + ':' +
columnNumber;\n    }\n  });\n\n  StackFrame.fromString = function StackFrame$$fromString(str) {\n    var
argsStartIndex = str.indexOf('(');\n    var argsEndIndex = str.lastIndexOf(');\n\n    var functionName =
str.substring(0, argsStartIndex);\n    var args = str.substring(argsStartIndex + 1, argsEndIndex).split(',');\n    var
locationString = str.substring(argsEndIndex + 1);\n\n    if (locationString.indexOf('@') === 0) {\n      var parts
= /@(.+)?(?:\\(\\d+)?(?:\\(\\d+)?$/\\.exec(locationString, ");\n      var fileName = parts[1];\n      var lineNumber
= parts[2];\n      var columnNumber = parts[3];\n    }\n\n    return new StackFrame({\n      functionName: functionName,\n      args: args || undefined,\n      fileName: fileName,\n      lineNumber:
lineNumber || undefined,\n      columnNumber: columnNumber || undefined\n    });\n  });\n\n  for (var i = 0; i
< booleanProps.length; i++) {\n    StackFrame.prototype['get' + _capitalize(booleanProps[i])] =
_getter(booleanProps[i]);\n    StackFrame.prototype['set' + _capitalize(booleanProps[i])] = (function(p) {\n
return function(v) {\n      this[p] = Boolean(v);\n    }; \n  })(booleanProps[i]);\n  }\n\n  for (var j = 0;
j < numericProps.length; j++) {\n    StackFrame.prototype['get' + _capitalize(numericProps[j])] =
_getter(numericProps[j]);\n    StackFrame.prototype['set' + _capitalize(numericProps[j])] = (function(p) {\n
return function(v) {\n      if (!_isNumber(v)) {\n        throw new TypeError(p + ' must be a Number');\n      }\n      this[p] = Number(v);\n    }; \n  })(numericProps[j]);\n  }\n\n  for (var k = 0; k <
stringProps.length; k++) {\n    StackFrame.prototype['get' + _capitalize(stringProps[k])] =
_getter(stringProps[k]);\n    StackFrame.prototype['set' + _capitalize(stringProps[k])] = (function(p) {\n
return function(v) {\n      this[p] = String(v);\n    }; \n  })(stringProps[k]);\n  }\n\n  return
StackFrame;\n});\n\n", "use strict";\n\nif (process.env.NODE_ENV === 'production') {\n  module.exports =
require('./cjs/react.production.min.js');\n} else {\n  module.exports =
require('./cjs/react.development.js');\n}\n\n", "/*\n * @license React\n * react.production.min.js\n * Copyright (c)
Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n *
LICENSE file in the root directory of this source tree.\n */\n'use strict';\nvar l=require("\\object-
assign"),m=60103,p=60106;exports.Fragment=60107;exports.StrictMode=60108;exports.Profiler=60114;var
q=60109,r=60110,t=60112;exports.Suspense=60113;exports.SuspenseList=60120;var
u=60115,v=60116;exports.unstable_DebugTracingMode=60129;exports.unstable_Offscreen=60130;exports.unstabl
e_LegacyHidden=60131;exports.unstable_Cache=60132;\n\nif("function"===typeof Symbol&&Symbol.for){var
w=Symbol.for;m=w("react.element");p=w("react.portal");exports.Fragment=w("react.fragment");exports.Strict
Mode=w("react.strict_mode");exports.Profiler=w("react.profiler");q=w("react.provider");r=w("react.context");
t=w("react.forward_ref");exports.Suspense=w("react.suspense");exports.SuspenseList=w("react.suspense_list");
u=w("react.memo");v=w("react.lazy");exports.unstable_DebugTracingMode=w("react.debug_trace_mode");exp
orts.unstable_Offscreen=w("react.offscreen");\n\nexports.unstable_LegacyHidden=w("react.legacy_hidden");expor
ts.unstable_Cache=w("react.cache")}var x="function"===typeof Symbol&&Symbol.iterator;function
y(a){if(null===a||"object"!==typeof a)return null;a=x&&a[x]||a["@@iterator"];return"function"===typeof
a?a:null}var
z={isMounted:function(){return!1},enqueueForceUpdate:function(){},enqueueReplaceState:function(){},enqueueS
etState:function(){},A={};function
B(a,b,e){this.props=a;this.context=b;this.refs=A;this.updater=e||z}\nB.prototype.isReactComponent={};B.prototype
.setState=function(a,b){if("object"!==typeof a&&"function"!==typeof a&&null!=a)throw Error("setState(...):
takes an object of state variables to update or a function which returns an object of state
variables.");this.updater.enqueueSetState(this,a,b,"setState");B.prototype.forceUpdate=function(a){this.updater.e
nqueueForceUpdate(this,a,"forceUpdate");function C(){C.prototype=B.prototype;\nfunction
D(a,b,e){this.props=a;this.context=b;this.refs=A;this.updater=e||z}var E=D.prototype=new
C;E.constructor=D;l(E,B.prototype);E.isPureReactComponent=!0;var
F=Array.isArray,G=Object.prototype.hasOwnProperty,H={current:null},I={key:!0,ref:!0,__self:!0,__source:!0};nf
unction J(a,b,e){var d,c={},k=null,h=null;if(null!=b)for(d in void 0!==(b.ref&&(h=b.ref),void
0!==(b.key&&(k=""+b.key),b)G.call(b,d)&&I.hasOwnProperty(d)&&(c[d]=b[d]));var g=arguments.length-

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2;if(1===g)c.children=e;else if(1<g){for(var
f=Array(g),n=0;n<g;n++)f[n]=arguments[n+2];c.children=f}if(a&& a.defaultProps)for(d in g=a.defaultProps,g)void
0===c[d]&&(c[d]=g[d]);return{ $$typeof:m,type:a,key:k,ref:h,props:c,_owner:H.current} }\nfunction
K(a,b){return{ $$typeof:m,type:a.type,key:b,ref:a.ref,props:a.props,_owner:a._owner} }function
L(a){return"object"===typeof a&&null!==a&&a.$typeof===m}function escape(a){ var
b={"=":"="=0","\\":"\\"=2}};return"$"+a.replace(/[/=:<br>g,function(a){return b[a]})}var M=\\|/+<br>g;function
N(a,b){return"object"===typeof a&&null!==a&&null!=a.key?escape("\\"+a.key):b.toString(36)}\nfunction
O(a,b,e,d,c){var k=typeof a;if("undefined"===k||"boolean"===k)a=null;var h=!1;if(null===a)h=!0;else
switch(k){case "string":case "number":h=!0;break;case "object":switch(a.$typeof){case m:case
p:h=!0} }if(h)return
h=a,c=c(h),a={"="===d?"\\."+N(h,0):d,F(c)?(e=="",null!=a&&(e=a.replace(M,"$&^")+ "\\^"),O(c,b,e,"",function(a)
{return
a)):null!=c&&(L(c)&&(c=K(c,e+(!c.key||h&&h.key===c.key?"\\":("\\"+c.key).replace(M,"$&^")+ "\\^")+a)),b.pus
h(c)),1;h=0;d={"="===d?"\\."+d+" ":"";if(F(a))for(var g=0;g<a.length;g++){k=\\n[a[g];var
f=d+N(k,g);h+=O(k,b,e,f,c)}else if(f=y(a),"function"===typeof
f)for(a=f.call(a),g=0;(k=a.next()).done;)k=k.value,f=d+N(k,g++),h+=O(k,b,e,f,c);else if("object"===k)throw
b=String(a),Error("\\Objects are not valid as a React child (found: \\'+(\\'[object Object]\\\\'===b?\\'object with keys
{\\'+Object.keys(a).join(\\', \\')+\\'\\'\\':b)+\\'). If you meant to render a collection of children, use an array
instead.\\');return h}\nfunction P(a,b,e){if(null===a)return a;var d=[],c=0;O(a,d,"", "\\",function(a){return
b.call(e,a,c++)});return d}function Q(a){if(-1===a._status){ var
b=a._result;b=b();b.then(function(b){ if(0===a._status||-
1===a._status)a._status=1,a._result=b},function(b){ if(0===a._status||-1===a._status)a._status=2,a._result=b});-
1===a._status&&(a._status=0,a._result=b)}if(1===a._status)return a._result.default;throw a._result;}\nvar
R={ current:null },S={ transition:0 },T={ ReactCurrentDispatcher:R,ReactCurrentBatchConfig:S,ReactCurrentOwner:
H,assign:1};exports.Children={ map:P,forEach:function(a,b,e){P(a,function(){ b.apply(this,arguments)}),e},count:fun
ction(a){ var b=0;P(a,function(){ b++});return b},toArray:function(a){ return P(a,function(a){ return
a})||[]},only:function(a){ if(!L(a))throw Error("\\React.Children.only expected to receive a single React element
child.\\");return
a} };exports.Component=B;exports.PureComponent=D;\nexports.__SECRET_INTERNALS_DO_NOT_USE_OR_
YOU_WILL_BE_FIRED=T;\nexports.cloneElement=function(a,b,e){ if(null===a||void 0===a)throw
Error("\\React.cloneElement(...): The argument must be a React element, but you passed \\'+a+\\'.\\");var
d=l({ },a.props),c=a.key,k=a.ref,h=a._owner;if(null!=b){ void 0!==(b.ref&&(k=b.ref,h=H.current));void
0!==(b.key&&(c==" "+b.key));if(a.type&&a.type.defaultProps)var g=a.type.defaultProps;for(f in
b)G.call(b,f)&&!I.hasOwnProperty(f)&&(d[f]=void 0===b[f]&&void 0!==(g[f]:b[f]))}var f=arguments.length-
2;if(1===f)d.children=e;else if(1<f){g=Array(f);\nfor(var
n=0;n<f;n++)g[n]=arguments[n+2];d.children=g }return{ $$typeof:m,type:a.type,key:c,ref:k,props:d,_owner:h} };exp
orts.createContext=function(a){ a={ $$typeof:r,_currentValue:a,_currentValue2:a,_threadCount:0,Provider:null,Cons
umer:null };a.Provider={ $$typeof:q,_context:a };return
a.Consumer=a};exports.createElement=J;exports.createFactory=function(a){ var b=J.bind(null,a);b.type=a;return
b};exports.createRef=function(){ return{ current:null} };exports.forwardRef=function(a){ return{ $$typeof:t,render:a}
};\nexports.isValidElement=L;exports.lazy=function(a){ return{ $$typeof:v,_payload:{ _status:-
1,_result:a },_init:Q} };exports.memo=function(a,b){ return{ $$typeof:u,type:a,compare:void
0===b?null:b} };exports.startTransition=function(a){ var
b=S.transition;S.transition=1;try{ a()}finally{ S.transition=b} };exports.unstable_act=function(){ throw Error("\\act(...
is not supported in production builds of
React.\\");}\nexports.unstable_createMutableSource=function(a,b){ return{ _getVersion:b,_source:a,_workInProgres
sVersionPrimary:null,_workInProgressVersionSecondary:null} };exports.unstable_getCacheForType=function(a){ re
turn R.current.getCacheForType(a)};exports.unstable_getCacheSignal=function(){ return

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R.current.getCacheSignal());exports.unstable_useCacheRefresh=function(){return
R.current.useCacheRefresh()};exports.useCallback=function(a,b){return
R.current.useCallback(a,b)};exports.useContext=function(a){return
R.current.useContext(a)};\nexports.useDebugValue=function(){};exports.useDeferredValue=function(a){return
R.current.useDeferredValue(a)};exports.useEffect=function(a,b){return
R.current.useEffect(a,b)};exports.useId=function(){}return
R.current.useId()};exports.useImperativeHandle=function(a,b,e){return
R.current.useImperativeHandle(a,b,e)};exports.useInsertionEffect=function(a,b){return
R.current.useInsertionEffect(a,b)};exports.useLayoutEffect=function(a,b){return
R.current.useLayoutEffect(a,b)};\nexports.useMemo=function(a,b){return
R.current.useMemo(a,b)};exports.useReducer=function(a,b,e){return
R.current.useReducer(a,b,e)};exports.useRef=function(a){return
R.current.useRef(a)};exports.useState=function(a){return
R.current.useState(a)};exports.useSyncExternalStore=function(a,b,e){return
R.current.useSyncExternalStore(a,b,e)};exports.useTransition=function(){}return
R.current.useTransition()};exports.version="18.0.0-rc.0-experimental-13036bfbc-20220121";\n"/**\n *
Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in
the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nexport default class
EventEmitter<Events: Object> {\n  listenersMap: Map<string, Array<Function>> = new Map();\n\n  addListener<Event: $Keys<Events>>(\n    event: Event,\n    listener: (...$ElementType<Events, Event>) => any,\n  ): void {\n    const listeners = this.listenersMap.get(event);\n    if (listeners === undefined) {\n      this.listenersMap.set(event, [listener]);\n    } else {\n      const index = listeners.indexOf(listener);\n      if (index < 0)\n        listeners.push(listener);\n    }\n  }\n\n  emit<Event: $Keys<Events>>(\n    event: Event,\n    ...args: $ElementType<Events, Event>\n  ): void {\n    const listeners = this.listenersMap.get(event);\n    if (listeners !==
undefined) {\n      if (listeners.length === 1) {\n        // No need to clone or try/catch\n        const listener =
listeners[0];\n        listener.apply(null, args);\n      } else {\n        let didThrow = false;\n        let caughtError =
null;\n\n        const clonedListeners = Array.from(listeners);\n        for (let i = 0; i < clonedListeners.length; i++) {\n
          const listener = clonedListeners[i];\n          try {\n            listener.apply(null, args);\n          } catch (error) {\n
            if (caughtError === null) {\n              didThrow = true;\n              caughtError = error;\n            }\n
          }\n\n          if (didThrow) {\n            throw caughtError;\n          }\n        }\n      }\n\n      removeAllListeners(): void {\n
this.listenersMap.clear();\n    }\n\n      removeListener(event: $Keys<Events>, listener: Function): void {\n    const
listeners = this.listenersMap.get(event);\n    if (listeners !== undefined) {\n      const index =
listeners.indexOf(listener);\n      if (index >= 0) {\n        listeners.splice(index, 1);\n      }\n    }\n  }\n\n  simpleIsEqual = function simpleIsEqual(a, b) {\n    return a === b;\n  };\n\n  \nexport default function (resultFn) {\n    var
isEqual = arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : simpleIsEqual;\n\n    var lastThis =
void 0;\n    var lastArgs = [];\n    var lastResult = void 0;\n    var calledOnce = false;\n\n    var isNewArgEqualToLast =
function isNewArgEqualToLast(newArg, index) {\n      return isEqual(newArg, lastArgs[index]);\n    };\n\n    var result =
function result() {\n      for (var _len = arguments.length, newArgs = Array(_len), _key = 0; _key < _len; _key++)\n        newArgs[_key] = arguments[_key];\n\n      if (calledOnce && lastThis === this && newArgs.length
=== lastArgs.length && newArgs.every(isNewArgEqualToLast)) {\n        return lastResult;\n      }\n\n      calledOnce =
true;\n      lastThis = this;\n      lastArgs = newArgs;\n      lastResult = resultFn.apply(this, newArgs);\n      return
lastResult;\n    };\n\n    return result;\n  };\n\n  /**\n   * Copyright (c) Facebook, Inc. and its affiliates.\n   *\n   * This source
code is licensed under the MIT license found in the\n   * LICENSE file in the root directory of this source tree.\n   *\n   * @flow\n   */\n\n  \nexport type Rect = {\n    bottom: number,\n    height: number,\n    left: number,\n    right: number,\n
    top: number,\n    width: number,\n    ...}\n\n  // Get the window object for the document that a node belongs to,\n  // or
return null if it cannot be found (node not attached to DOM,\n  // etc).\n  \nexport function getOwnerWindow(node:
HTMLElement): typeof window | null {\n    if (!node.ownerDocument) {\n      return null;\n    }\n    return
node.ownerDocument.defaultView;\n  }\n\n  // Get the iframe containing a node, or return null if it cannot\n  // be found

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(node not within iframe, etc).\nexport function getOwnerIframe(node: HTMLElement): HTMLElement | null {\n
const nodeWindow = getOwnerWindow(node);\n if (nodeWindow) {\n  return nodeWindow.frameElement;\n }\n
return null;\n}\n\n// Get a bounding client rect for a node, with an\n// offset added to compensate for its
border.\n\nexport function getBoundingClientRectWithBorderOffset(node: HTMLElement) {\n  const dimensions =
getElementDimensions(node);\n  return mergeRectOffsets([\n    node.getBoundingClientRect(),\n    {\n      top:
dimensions.borderTop,\n      left: dimensions.borderLeft,\n      bottom: dimensions.borderBottom,\n      right:
dimensions.borderRight,\n      // This width and height won't get used by mergeRectOffsets (since this\n      // is not
the first rect in the array), but we set them so that this\n      // object type checks as a ClientRect.\n      width: 0,\n      height: 0,\n    },\n  ]);\n}\n\n// Add together the top, left, bottom, and right properties of\n// each ClientRect, but
keep the width and height of the first one.\n\nexport function mergeRectOffsets(rects: Array<Rect>): Rect {\n  return
rects.reduce((previousRect, rect) => {\n    if (previousRect == null) {\n      return rect;\n    }\n    return {\n      top:
previousRect.top + rect.top,\n      left: previousRect.left + rect.left,\n      width: previousRect.width,\n      height:
previousRect.height,\n      bottom: previousRect.bottom + rect.bottom,\n      right: previousRect.right + rect.right,\n    };\n  });\n}\n\n// Calculate a boundingClientRect for a node relative to boundaryWindow,\n// taking into account any
offsets caused by intermediate iframes.\n\nexport function getNestedBoundingClientRect(\n  node: HTMLElement,\n  boundaryWindow: typeof window,\n): Rect {\n  const ownerIframe = getOwnerIframe(node);\n  if (ownerIframe
&& ownerIframe !== boundaryWindow) {\n    const rects = [node.getBoundingClientRect()];\n    let currentIframe
= ownerIframe;\n    let onlyOneMore = false;\n    while (currentIframe) {\n      const rect =
getBoundingClientRectWithBorderOffset(currentIframe);\n      rects.push(rect);\n      currentIframe =
getOwnerIframe(currentIframe);\n\n      if (onlyOneMore) {\n        break;\n      }\n      // We don't want to calculate
iframe offsets upwards beyond\n      // the iframe containing the boundaryWindow, but we\n      // need to calculate
the offset relative to the boundaryWindow.\n      if (currentIframe && getOwnerWindow(currentIframe) ===
boundaryWindow) {\n        onlyOneMore = true;\n      }\n    }\n    return mergeRectOffsets(rects);\n  } else {\n    return
node.getBoundingClientRect();\n  }\n}\n\nexport function getElementDimensions(domElement: Element) {\n
const calculatedStyle = window.getComputedStyle(domElement);\n  return {\n    borderLeft:
parseInt(calculatedStyle.borderLeftWidth, 10),\n    borderRight: parseInt(calculatedStyle.borderRightWidth, 10),\n
borderTop: parseInt(calculatedStyle.borderTopWidth, 10),\n    borderBottom:
parseInt(calculatedStyle.borderBottomWidth, 10),\n    marginLeft: parseInt(calculatedStyle.marginLeft, 10),\n
marginRight: parseInt(calculatedStyle.marginRight, 10),\n    marginTop: parseInt(calculatedStyle.marginTop, 10),\n
marginBottom: parseInt(calculatedStyle.marginBottom, 10),\n    paddingLeft:
parseInt(calculatedStyle.paddingLeft, 10),\n    paddingRight: parseInt(calculatedStyle.paddingRight, 10),\n
paddingTop: parseInt(calculatedStyle.paddingTop, 10),\n    paddingBottom:
parseInt(calculatedStyle.paddingBottom, 10),\n  };\n}\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n
*\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this
source tree.\n * @flow\n */\n\nimport assign from 'object-assign';\nimport {getElementDimensions,
getNestedBoundingClientRect} from './utils';\nimport type {DevToolsHook} from 'react-devtools-
shared/src/backend/types';\nimport type {Rect} from './utils';\n\ntype Box = {|top: number, left: number, width:
number, height: number|};\n\n// Note that the Overlay components are not affected by the active Theme,\n// because
they highlight elements in the main Chrome window (outside of devtools).\n// The colors below were chosen to
roughly match those used by Chrome devtools.\n\n\nclass OverlayRect {\n  node: HTMLElement;\n  border:
HTMLElement;\n  padding: HTMLElement;\n  content: HTMLElement;\n\n  constructor(doc: Document, container:
HTMLElement) {\n    this.node = doc.createElement('div');\n    this.border = doc.createElement('div');\n
this.padding = doc.createElement('div');\n    this.content = doc.createElement('div');\n\n    this.border.style.borderColor = overlayStyles.border;\n    this.padding.style.borderColor = overlayStyles.padding;\n
this.content.style.backgroundColor = overlayStyles.background;\n    assign(this.node.style, {\n      borderColor:
overlayStyles.margin,\n      pointerEvents: 'none',\n      position: 'fixed',\n    });\n\n    this.node.style.zIndex =
'1000000';\n\n    this.node.appendChild(this.border);\n    this.border.appendChild(this.padding);\n
this.padding.appendChild(this.content);\n    container.appendChild(this.node);\n  }\n\n  remove() {\n    if

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(this.node.parentNode) {\n  this.node.parentNode.removeChild(this.node);\n  }\n }\n\n update(box: Rect, dims:
any) {\n  boxWrap(dims, 'margin', this.node);\n  boxWrap(dims, 'border', this.border);\n  boxWrap(dims,
'padding', this.padding);\n\n  assign(this.content.style, {\n    height:\n    box.height -\n    dims.borderTop -\n    dims.borderBottom -\n    dims.paddingTop -\n    dims.paddingBottom +\n    'px',\n    width:\n    box.width -\n    dims.borderLeft -\n    dims.borderRight -\n    dims.paddingLeft -\n    dims.paddingRight
+\n    'px',\n  });\n\n  assign(this.node.style, {\n    top: box.top - dims.marginTop + 'px',\n    left: box.left -
dims.marginLeft + 'px',\n  });\n  }\n}\n\n\nclass OverlayTip {\n  tip: HTMLElement;\n  nameSpan:
HTMLElement;\n  dimSpan: HTMLElement;\n\n  constructor(doc: Document, container: HTMLElement) {\n
this.tip = doc.createElement('div');\n  assign(this.tip.style, {\n    display: 'flex',\n    flexFlow: 'row nowrap',\n
backgroundColor: '#333740',\n    borderRadius: '2px',\n    fontFamily:\n    "'SFMono-Regular", Consolas,
'Liberation Mono',\n    Menlo, Courier, monospace',\n    fontWeight: 'bold',\n    padding: '3px 5px',\n
pointerEvents: 'none',\n    position: 'fixed',\n    fontSize: '12px',\n    whiteSpace: 'nowrap',\n  });\n\n
this.nameSpan = doc.createElement('span');\n  this.tip.appendChild(this.nameSpan);\n
assign(this.nameSpan.style, {\n    color: '#ee78e6',\n    borderRight: '1px solid #aaaaaa',\n    paddingRight:
'0.5rem',\n    marginRight: '0.5rem',\n  });\n  this.dimSpan = doc.createElement('span');\n
this.tip.appendChild(this.dimSpan);\n  assign(this.dimSpan.style, {\n    color: '#d7d7d7',\n  });\n\n
this.tip.style.zIndex = '1000000';\n  container.appendChild(this.tip);\n  }\n\n  remove() {\n  if
(this.tip.parentNode) {\n    this.tip.parentNode.removeChild(this.tip);\n  }\n  }\n\n  updateText(name: string,
width: number, height: number) {\n    this.nameSpan.textContent = name;\n    this.dimSpan.textContent =\n
Math.round(width) + 'px × ' + Math.round(height) + 'px';\n  }\n\n  updatePosition(dims: Box, bounds: Box) {\n
const tipRect = this.tip.getBoundingClientRect();\n  const tipPos = findTipPos(dims, bounds, {\n    width:
tipRect.width,\n    height: tipRect.height,\n  });\n  assign(this.tip.style, tipPos.style);\n  }\n}\n\n\nexport default
class Overlay {\n  window: window;\n  tipBoundsWindow: window;\n  container: HTMLElement;\n  tip:
OverlayTip;\n  rects: Array<OverlayRect>;\n\n  constructor() {\n    // Find the root window, because overlays are
positioned relative to it.\n    const currentWindow = window.__REACT_DEVTOOLS_TARGET_WINDOW__ ||
window;\n    this.window = currentWindow;\n\n    // When opened in shells/dev, the tooltip should be bound by the
app iframe, not by the topmost window.\n    const tipBoundsWindow =
window.__REACT_DEVTOOLS_TARGET_WINDOW__ || window;\n    this.tipBoundsWindow =
tipBoundsWindow;\n\n    const doc = currentWindow.document;\n    this.container = doc.createElement('div');\n
this.container.style.zIndex = '1000000';\n\n    this.tip = new OverlayTip(doc, this.container);\n    this.rects = [];\n
doc.body.appendChild(this.container);\n  }\n\n  remove() {\n    this.tip.remove();\n    this.rects.forEach(rect => {\n
rect.remove();\n  });\n    this.rects.length = 0;\n    if (this.container.parentNode) {\n
this.container.parentNode.removeChild(this.container);\n    }\n  }\n\n  inspect(nodes: Array<HTMLElement>,
name?: ?string) {\n    // We can't get the size of text nodes or comment nodes. React as of v15\n    // heavily uses
comment nodes to delimit text.\n    const elements = nodes.filter(node => node.nodeType ===
Node.ELEMENT_NODE);\n\n    while (this.rects.length > elements.length) {\n      const rect = this.rects.pop();\n
rect.remove();\n    }\n    if (elements.length === 0) return;\n\n    while (this.rects.length <
elements.length) {\n      this.rects.push(new OverlayRect(this.window.document, this.container));\n    }\n\n    const
outerBox = {\n      top: Number.POSITIVE_INFINITY,\n      right: Number.NEGATIVE_INFINITY,\n      bottom:
Number.NEGATIVE_INFINITY,\n      left: Number.POSITIVE_INFINITY,\n    };\n    elements.forEach((element,
index) => {\n      const box = getNestedBoundingClientRect(element, this.window);\n      const dims =
getElementDimensions(element);\n      outerBox.top = Math.min(outerBox.top, box.top - dims.marginTop);\n
outerBox.right = Math.max(\n      outerBox.right,\n      box.left + box.width + dims.marginRight,\n    );\n
outerBox.bottom = Math.max(\n      outerBox.bottom,\n      box.top + box.height + dims.marginBottom,\n    );\n
outerBox.left = Math.min(outerBox.left, box.left - dims.marginLeft);\n\n      const rect = this.rects[index];\n
rect.update(box, dims);\n    });\n\n    if (!name) {\n      name = elements[0].nodeName.toLowerCase();\n\n      const
node = elements[0];\n      const hook: DevToolsHook =\n
node.ownerDocument.defaultView.__REACT_DEVTOOLS_GLOBAL_HOOK__;\n      if (hook != null &&

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hook.rendererInterfaces != null) {\n    let ownerName = null;\n    // eslint-disable-next-line no-for-of-loops/no-
for-of-loops\n    for (const rendererInterface of hook.rendererInterfaces.values()) {\n        const id =
rendererInterface.getFiberIDForNative(node, true);\n        if (id !== null) {\n            ownerName =
rendererInterface.getDisplayNameForFiberID(id, true);\n            break;\n        }\n    }\n    if (ownerName)
{\n        name += ' (in ' + ownerName + ')';\n    }\n    this.tip.updateText(\n        name,\n        outerBox.right - outerBox.left,\n        outerBox.bottom - outerBox.top,\n    );\n    const tipBounds =
getNestedBoundingClientRect(\n        this.tipBoundsWindow.document.documentElement,\n        this.window,\n    );\n    this.tip.updatePosition(\n        {\n            top: outerBox.top,\n            left: outerBox.left,\n            height:
outerBox.bottom - outerBox.top,\n            width: outerBox.right - outerBox.left,\n        },\n        {\n            top:
tipBounds.top + this.tipBoundsWindow.scrollY,\n            left: tipBounds.left + this.tipBoundsWindow.scrollX,\n            height: this.tipBoundsWindow.innerHeight,\n            width: this.tipBoundsWindow.innerWidth,\n        },\n    );\n}\n\nfunction findTipPos(dims, bounds, tipSize) {\n    const tipHeight = Math.max(tipSize.height, 20);\n    const
tipWidth = Math.max(tipSize.width, 60);\n    const margin = 5;\n    let top;\n    if (dims.top + dims.height + tipHeight
<= bounds.top + bounds.height) {\n        if (dims.top + dims.height < bounds.top + 0) {\n            top = bounds.top +
margin;\n        } else {\n            top = dims.top + dims.height + margin;\n        }\n    } else if (dims.top - tipHeight <=
bounds.top + bounds.height) {\n        if (dims.top - tipHeight - margin < bounds.top + margin) {\n            top = bounds.top
+ margin;\n        } else {\n            top = dims.top - tipHeight - margin;\n        }\n    } else {\n        top = bounds.top +
bounds.height - tipHeight - margin;\n    }\n\n    let left = dims.left + margin;\n    if (dims.left < bounds.left) {\n        left =
bounds.left + margin;\n    }\n    if (dims.left + tipWidth > bounds.left + bounds.width) {\n        left = bounds.left +
bounds.width - tipWidth - margin;\n    }\n\n    top += 'px';\n    left += 'px';\n    return {\n        style: {top, left},\n    };\n}\n\nfunction boxWrap(dims, what, node) {\n    assign(node.style, {\n        borderTopWidth: dims[what + 'Top'] +
'px',\n        borderLeftWidth: dims[what + 'Left'] + 'px',\n        borderRightWidth: dims[what + 'Right'] + 'px',\n        borderBottomWidth: dims[what + 'Bottom'] + 'px',\n        borderStyle: 'solid',\n    });\n}\n\nconst overlayStyles = {\n    background: 'rgba(120, 170, 210, 0.7)',\n    padding: 'rgba(77, 200, 0, 0.3)',\n    margin: 'rgba(255, 155, 0, 0.3)',\n    border: 'rgba(255, 200, 50, 0.3)',\n};\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source
code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n */\n *
@flow\n */\n\nimport Overlay from './Overlay';\n\nconst SHOW_DURATION = 2000;\n\nlet timeoutID:
TimeoutID | null = null;\n\nlet overlay: Overlay | null = null;\n\nexport function hideOverlay() {\n    timeoutID =
null;\n\n    if (overlay !== null) {\n        overlay.remove();\n        overlay = null;\n    }\n}\n\nexport function showOverlay(\n    elements: Array<HTMLElement> | null,\n    componentName: string | null,\n    hideAfterTimeout: boolean,\n) {\n    //
TODO (npm-packages) Detect RN and support it somehow\n    if (window.document == null) {\n        return;\n    }\n\n    if (timeoutID !== null) {\n        clearTimeout(timeoutID);\n    }\n\n    if (elements == null) {\n        return;\n    }\n\n    if
(overlay === null) {\n        overlay = new Overlay();\n    }\n\n    overlay.inspect(elements, componentName);\n\n    if
(hideAfterTimeout) {\n        timeoutID = setTimeout(hideOverlay, SHOW_DURATION);\n    }\n}\n\n"/**\n *
Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in
the\n * LICENSE file in the root directory of this source tree.\n */\n * @flow\n */\n\nimport memoize from
'memoize-one';\nimport throttle from 'lodash.throttle';\nimport Agent from 'react-devtools-
shared/src/backend/agent';\nimport {hideOverlay, showOverlay} from './Highlighter';\nimport type
{BackendBridge} from 'react-devtools-shared/src/bridge';\n\n// This plug-in provides in-page highlighting of the
selected element.\n// It is used by the browser extension and the standalone DevTools shell (when connected to a
browser).\n// It is not currently the mechanism used to highlight React Native views.\n// That is done by the React
Native Inspector component.\n\nlet iframesListeningTo: Set<HTMLIFrameElement> = new Set();\n\nexport default
function setupHighlighter(\n    bridge: BackendBridge,\n    agent: Agent,\n): void {\n    bridge.addListener(\n        'clearNativeElementHighlight',\n        clearNativeElementHighlight,\n    );\n\n    bridge.addListener('highlightNativeElement', highlightNativeElement);\n    bridge.addListener('shutdown',
stopInspectingNative);\n    bridge.addListener('startInspectingNative', startInspectingNative);\n\n    bridge.addListener('stopInspectingNative', stopInspectingNative);\n\n    function startInspectingNative() {\n        registerListenersOnWindow(window);\n    }\n\n    function registerListenersOnWindow(window) {\n        // This plug-in

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may run in non-DOM environments (e.g. React Native).\n  if (window && typeof window.addEventListener ===
'function') {\n    window.addEventListener('click', onClick, true);\n    window.addEventListener('mousedown',
onMouseEvent, true);\n    window.addEventListener('mouseover', onMouseEvent, true);\n
window.addEventListener('mouseup', onMouseEvent, true);\n    window.addEventListener('pointerdown',
onPointerDown, true);\n    window.addEventListener('pointerover', onPointerOver, true);\n
window.addEventListener('pointerup', onPointerUp, true);\n  }\n }\n\n function stopInspectingNative() {\n
hideOverlay();\n  removeListenersOnWindow(window);\n  iframesListeningTo.forEach(function(frame) {\n
try {\n    removeListenersOnWindow(frame.contentWindow);\n  } catch (error) {\n    // This can error when
the iframe is on a cross-origin.\n    }\n  });\n  iframesListeningTo = new Set();\n }\n\n function
removeListenersOnWindow(window) {\n  // This plug-in may run in non-DOM environments (e.g. React
Native).\n  if (window && typeof window.removeEventListener === 'function') {\n
window.removeEventListener('click', onClick, true);\n    window.removeEventListener('mousedown',
onMouseEvent, true);\n    window.removeEventListener('mouseover', onMouseEvent, true);\n
window.removeEventListener('mouseup', onMouseEvent, true);\n    window.removeEventListener('pointerdown',
onPointerDown, true);\n    window.removeEventListener('pointerover', onPointerOver, true);\n
window.removeEventListener('pointerup', onPointerUp, true);\n  }\n }\n\n function
clearNativeElementHighlight() {\n  hideOverlay();\n }\n\n function highlightNativeElement({\n  displayName,\n
hideAfterTimeout,\n  id,\n  openNativeElementsPanel,\n  rendererID,\n  scrollIntoView,\n  }:\n
displayName: string | null,\n  hideAfterTimeout: boolean,\n  id: number,\n  openNativeElementsPanel:
boolean,\n  rendererID: number,\n  scrollIntoView: boolean,\n  ...)\n } {\n  const renderer =
agent.rendererInterfaces[rendererID];\n  if (renderer == null) {\n    console.warn('Invalid renderer id
\'${rendererID}\'' for element "${id}");\n  }\n  let nodes: ?Array<HTMLInputElement> = null;\n  if (renderer !=
null) {\n    nodes = ((renderer.findNativeNodesForFiberID(\n    id,\n    ): any): ?Array<HTMLInputElement>);\n
}\n\n  if (nodes != null && nodes[0] != null) {\n    const node = nodes[0];\n    if (scrollIntoView && typeof
node.scrollIntoView === 'function') {\n      // If the node isn't visible show it before highlighting it.\n      // We
may want to reconsider this; it might be a little disruptive.\n      // $FlowFixMe Flow only knows about 'start' |
'end'\n      node.scrollIntoView({block: 'nearest', inline: 'nearest'});\n    }\n\n    showOverlay(nodes,
displayName, hideAfterTimeout);\n\n    if (openNativeElementsPanel) {\n
window.__REACT_DEVTOOLS_GLOBAL_HOOK__.$0 = node;\n
bridge.send('syncSelectionToNativeElementsPanel');\n    }\n  } else {\n    hideOverlay();\n  }\n }\n\n function
onClick(event: MouseEvent) {\n  event.preventDefault();\n  event.stopPropagation();\n\n
stopInspectingNative();\n\n  bridge.send('stopInspectingNative', true);\n }\n\n function onMouseEvent(event:
MouseEvent) {\n  event.preventDefault();\n  event.stopPropagation();\n }\n\n function onPointerDown(event:
MouseEvent) {\n  event.preventDefault();\n  event.stopPropagation();\n\n  selectFiberForNode(((event.target:
any): HTMLInputElement));\n }\n\n function onPointerOver(event: MouseEvent) {\n  event.preventDefault();\n
event.stopPropagation();\n\n  const target = ((event.target: any): HTMLInputElement);\n\n  if (target.tagName ===
'IFRAME') {\n    const iframe: HTMLIFrameElement = (target: any);\n    try {\n      if
(!iframesListeningTo.has(iframe)) {\n        const window = iframe.contentWindow;\n
registerListenersOnWindow(window);\n        iframesListeningTo.add(iframe);\n      }\n    } catch (error) {\n
// This can error when the iframe is on a cross-origin.\n    }\n  }\n\n  // Don't pass the name explicitly.\n  // It
will be inferred from DOM tag and Fiber owner.\n  showOverlay([target], null, false);\n\n
selectFiberForNode(target);\n }\n\n function onPointerUp(event: MouseEvent) {\n  event.preventDefault();\n
event.stopPropagation();\n }\n\n const selectFiberForNode = throttle(\n  memoize((node: HTMLInputElement) => {\n
const id = agent.getIDForNode(node);\n  if (id !== null) {\n    bridge.send('selectFiber', id);\n  }\n })),\n
200,\n  // Don't change the selection in the very first 200ms\n  // because those are usually unintentional as you lift
the cursor.\n  {leading: false},\n );\n }\n\n }/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This
source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source
tree.\n *\n * @flow\n */\n\nimport type {Data} from './index';\nimport type {Rect} from './utils';\nimport type

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{NativeType} from './../types';\n\nconst OUTLINE_COLOR = '#f0f0f0';\n\n// Note these colors are in sync with
DevTools Profiler chart colors.\nconst COLORS = [\n  '#37afa9',\n  '#63b19e',\n  '#80b393',\n  '#97b488',\n  '#abb67d',\n  '#beb771',\n  '#cfb965',\n  '#dfba57',\n  '#efbb49',\n  '#febc38',\n];\n\nlet canvas: HTMLCanvasElement
| null = null;\n\nexport function draw(nodeToData: Map<NativeType, Data>): void {\n  if (canvas === null) {\n    initialize();\n  }\n\n  const canvasFlow: HTMLCanvasElement = ((canvas: any): HTMLCanvasElement);\n  canvasFlow.width = window.innerWidth;\n  canvasFlow.height = window.innerHeight;\n\n  const context =
canvasFlow.getContext('2d');\n  context.clearRect(0, 0, canvasFlow.width, canvasFlow.height);\n\n  nodeToData.forEach(({count, rect}) => {\n    if (rect !== null) {\n      const colorIndex = Math.min(COLORS.length
- 1, count - 1);\n      const color = COLORS[colorIndex];\n      drawBorder(context, rect, color);\n    }\n  });\n\n  function drawBorder(\n    context: CanvasRenderingContext2D,\n    rect: Rect,\n    color: string,\n  ): void {\n    const {height, left, top, width} = rect;\n\n    // outline\n    context.lineWidth = 1;\n    context.strokeStyle =
OUTLINE_COLOR;\n\n    context.strokeRect(left - 1, top - 1, width + 2, height + 2);\n\n    // inset\n    context.lineWidth = 1;\n    context.strokeStyle = OUTLINE_COLOR;\n    context.strokeRect(left + 1, top + 1, width -
1, height - 1);\n\n    context.strokeStyle = color;\n\n    context.setLineDash([0]);\n\n    // border\n    context.lineWidth = 1;\n    context.strokeRect(left, top, width - 1, height - 1);\n\n    context.setLineDash([0]);\n  }\n\n  export function destroy():
void {\n    if (canvas !== null) {\n      if (canvas.parentNode !== null) {\n        canvas.parentNode.removeChild(canvas);\n      }\n      canvas = null;\n    }\n  }\n\n  function initialize(): void {\n    canvas =
window.document.createElement('canvas');\n    canvas.style.cssText = `\n      xx-background-color: red;\n      xx-
opacity: 0.5;\n      bottom: 0;\n      left: 0;\n      pointer-events: none;\n      position: fixed;\n      right: 0;\n      top: 0;\n      z-
index: 1000000000;\n    `;\n\n    const root = window.document.documentElement;\n    root.insertBefore(canvas,
root.firstChild);\n  }\n\n  /*\n   * Copyright (c) Facebook, Inc. and its affiliates.\n   * This source code is licensed
under the MIT license found in the\n   * LICENSE file in the root directory of this source tree.\n   * @flow\n   */\n\n  import Agent from 'react-devtools-shared/src/backend/agent';\n  import {destroy as destroyCanvas, draw} from
'./canvas';\n  import {getNestedBoundingClientRect} from './utils';\n  import type {NativeType} from
'./../types';\n  import type {Rect} from './utils';\n\n  // How long the rect should be shown for?\n  const
DISPLAY_DURATION = 250;\n\n  // What's the longest we are willing to show the overlay for?\n  // This can be
important if we're getting a flurry of events (e.g. scroll update).\n  const MAX_DISPLAY_DURATION = 3000;\n\n  // How long should a rect be considered valid for?\n  const REMEASUREMENT_AFTER_DURATION = 250;\n\n  // Some environments (e.g. React Native / Hermes) don't support the performance API yet.\n  const getcurrentTime =\n  typeof performance === 'object' && typeof performance.now === 'function'\n    ? () => performance.now()\n    : ()
=> Date.now();\n\n  export type Data = {\n    count: number,\n    expirationTime: number,\n    lastMeasuredAt:
number,\n    rect: Rect | null,\n  };\n\n  const nodeToData: Map<NativeType, Data> = new Map();\n\n  let agent: Agent =
((null: any): Agent);\n  let drawAnimationFrameID: AnimationFrameID | null = null;\n  let isEnabled: boolean =
false;\n  let redrawTimeoutID: TimeoutID | null = null;\n\n  export function initialize(injectedAgent: Agent): void {\n    agent = injectedAgent;\n    agent.addListener('traceUpdates', traceUpdates);\n  }\n\n  export function
toggleEnabled(value: boolean): void {\n    isEnabled = value;\n\n    if (!isEnabled) {\n      nodeToData.clear();\n\n      if
(drawAnimationFrameID !== null) {\n        cancelAnimationFrame(drawAnimationFrameID);\n        drawAnimationFrameID = null;\n      }\n\n      if (redrawTimeoutID !== null) {\n        clearTimeout(redrawTimeoutID);\n        redrawTimeoutID = null;\n      }\n\n      destroyCanvas();\n    }\n  }\n\n  function
traceUpdates(nodes: Set<NativeType>): void {\n    if (!isEnabled) {\n      return;\n    }\n\n    nodes.forEach(node => {\n      const data = nodeToData.get(node);\n      const now = getcurrentTime();\n      let lastMeasuredAt = data != null ?
data.lastMeasuredAt : 0;\n      let rect = data != null ? data.rect : null;\n      if (rect === null || lastMeasuredAt +
REMEASUREMENT_AFTER_DURATION < now) {\n        lastMeasuredAt = now;\n        rect =
measureNode(node);\n      }\n\n      nodeToData.set(node, {\n        count: data != null ? data.count + 1 : 1,\n        expirationTime:\n          data != null\n            ? Math.min(\n              now + MAX_DISPLAY_DURATION,\n              data.expirationTime + DISPLAY_DURATION,\n            )\n            : now + DISPLAY_DURATION,\n        lastMeasuredAt,\n        rect,\n      });\n    });\n\n    if (redrawTimeoutID !== null) {\n      clearTimeout(redrawTimeoutID);\n      redrawTimeoutID = null;\n    }\n\n    if (drawAnimationFrameID === null) {\n

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drawAnimationFrameID = requestAnimationFrame(prepareToDraw);\n }\n}\n\nfunction prepareToDraw(): void
{\n drawAnimationFrameID = null;\n redrawTimeoutID = null;\n\n const now = getCurrentTime();\n let
earliestExpiration = Number.MAX_VALUE;\n\n // Remove any items that have already expired.\n
nodeToData.forEach((data, node) => {\n if (data.expirationTime < now) {\n nodeToData.delete(node);\n }
else {\n earliestExpiration = Math.min(earliestExpiration, data.expirationTime);\n }\n });\n\n
draw(nodeToData);\n\n if (earliestExpiration !== Number.MAX_VALUE) {\n redrawTimeoutID =
setTimeout(prepareToDraw, earliestExpiration - now);\n }\n}\n\nfunction measureNode(node: Object): Rect | null
{\n if (!node || typeof node.getBoundingClientRect !== 'function') {\n return null;\n }\n\n const currentWindow
= window.__REACT_DEVTOOLS_TARGET_WINDOW__ || window;\n\n return
getNestedBoundingClientRect(node, currentWindow);\n}\n\n"/**\n * Copyright (c) Facebook, Inc. and its
affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root
directory of this source tree.\n * @flow\n */\n\nimport EventEmitter from './events';\n\nimport type
{ComponentFilter, Wall} from './types';\n\nimport type {\n InspectedElementPayload,\n OwnersList,\n ProfilingDataBackend,\n RendererID,\n } from 'react-devtools-shared/src/backend/types';\n\nimport type
{StyleAndLayout as StyleAndLayoutPayload} from 'react-devtools-
shared/src/backend/NativeStyleEditor/types';\n\nimport type {BrowserTheme} from 'react-devtools-
shared/src/devtools/views/DevTools';\n\nconst BATCH_DURATION = 100;\n\n// This message specifies the
version of the DevTools protocol currently supported by the backend,\n// as well as the earliest NPM version (e.g.
'4.13.0') that protocol is supported by on the frontend.\n// This enables an older frontend to display an upgrade
message to users for a newer, unsupported backend.\n\nexport type BridgeProtocol = {\n // Version supported by the
current frontend/backend.\n version: number,\n\n // NPM version range that also supports this version.\n // Note
that 'maxNpmVersion' is only set when the version is bumped.\n minNpmVersion: string,\n maxNpmVersion:
string | null,\n};\n\n// Bump protocol version whenever a backwards breaking change is made\n// in the messages
sent between BackendBridge and FrontendBridge.\n// This mapping is embedded in both frontend and backend
builds.\n\n// The backend protocol will always be the latest entry in the BRIDGE_PROTOCOL array.\n\n// When
an older frontend connects to a newer backend,\n// the backend can send the minNpmVersion and the frontend can
display an NPM upgrade prompt.\n\n// When a newer frontend connects with an older protocol version,\n// the
frontend can use the embedded minNpmVersion/maxNpmVersion values to display a downgrade prompt.\n\nexport
const BRIDGE_PROTOCOL: Array<BridgeProtocol> = [\n // This version technically never existed,\n // but a
backwards breaking change was added in 4.11,\n // so the safest guess to downgrade the frontend would be to
version 4.10.\n {\n version: 0,\n minNpmVersion: '<4.11.0',\n maxNpmVersion: '<4.11.0',\n },\n {\n
version: 1,\n minNpmVersion: '4.13.0',\n maxNpmVersion: '4.21.0',\n },\n // Version 2 adds a StrictMode-
enabled and supports-StrictMode bits to add-root operation.\n {\n version: 2,\n minNpmVersion: '4.22.0',\n
maxNpmVersion: null,\n },\n];\n\nexport const currentBridgeProtocol: BridgeProtocol =\n
BRIDGE_PROTOCOL[BRIDGE_PROTOCOL.length - 1];\n\ntype ElementAndRendererID = {\n id: number,\n
rendererID: RendererID};\n\ntype Message = {\n event: string,\n payload: any,\n};\n\ntype
HighlightElementInDOM = {\n ...ElementAndRendererID,\n displayName: string | null,\n hideAfterTimeout:
boolean,\n openNativeElementsPanel: boolean,\n scrollIntoView: boolean,\n};\n\ntype OverrideValue = {\n
...ElementAndRendererID,\n path: Array<string | number>,\n wasForwarded?: boolean,\n value: any,\n};\n\ntype
OverrideHookState = {\n ...OverrideValue,\n hookID: number,\n};\n\ntype PathType = 'props' | 'hooks' | 'state' |
'context';\n\ntype DeletePath = {\n ...ElementAndRendererID,\n type: PathType,\n hookID?: ?number,\n path:
Array<string | number>,\n};\n\ntype RenamePath = {\n ...ElementAndRendererID,\n type: PathType,\n hookID?:
?number,\n oldPath: Array<string | number>,\n newPath: Array<string | number>,\n};\n\ntype
OverrideValueAtPath = {\n ...ElementAndRendererID,\n type: PathType,\n hookID?: ?number,\n path:
Array<string | number>,\n value: any,\n};\n\ntype OverrideError = {\n ...ElementAndRendererID,\n forceError:
boolean,\n};\n\ntype OverrideSuspense = {\n ...ElementAndRendererID,\n forceFallback: boolean,\n};\n\ntype
CopyElementPathParams = {\n ...ElementAndRendererID,\n path: Array<string | number>,\n};\n\ntype
ViewAttributeSourceParams = {\n ...ElementAndRendererID,\n path: Array<string | number>,\n};\n\ntype

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InspectElementParams = {\n  ...ElementAndRendererID,\n  forceFullData: boolean,\n  path: Array<number | string>
| null,\n  requestID: number,\n};\n\ntype StoreAsGlobalParams = {\n  ...ElementAndRendererID,\n  count:
number,\n  path: Array<string | number>,\n};\n\ntype NativeStyleEditor_RenameAttributeParams = {\n
...ElementAndRendererID,\n  oldName: string,\n  newName: string,\n  value: string,\n};\n\ntype
NativeStyleEditor_SetValueParams = {\n  ...ElementAndRendererID,\n  name: string,\n  value: string,\n};\n\ntype
UpdateConsolePatchSettingsParams = {\n  appendComponentStack: boolean,\n  breakOnConsoleErrors: boolean,\n
showInlineWarningsAndErrors: boolean,\n  hideConsoleLogsInStrictMode: boolean,\n  browserTheme:
BrowserTheme,\n};\n\ntype SavedPreferencesParams = {\n  appendComponentStack: boolean,\n
breakOnConsoleErrors: boolean,\n  componentFilters: Array<ComponentFilter>,\n  showInlineWarningsAndErrors:
boolean,\n  hideConsoleLogsInStrictMode: boolean,\n};\n\nexport type BackendEvents = {\n  bridgeProtocol:
[BridgeProtocol],\n  extensionBackendInitialized: [],\n  fastRefreshScheduled: [],\n  getSavedPreferences: [],\n
inspectedElement: [InspectedElementPayload],\n  isBackendStorageAPISupported: [boolean],\n
isSynchronousXHRSupported: [boolean],\n  operations: [Array<number>],\n  ownersList: [OwnersList],\n
overrideComponentFilters: [Array<ComponentFilter>],\n  profilingData: [ProfilingDataBackend],\n
profilingStatus: [boolean],\n  reloadAppForProfiling: [],\n  selectFiber: [number],\n  shutdown: [],\n
stopInspectingNative: [boolean],\n  syncSelectionFromNativeElementsPanel: [],\n
syncSelectionToNativeElementsPanel: [],\n  unsupportedRendererVersion: [RendererID],\n\n  // React Native style
editor plug-in.\n  isNativeStyleEditorSupported: [\n    {isSupported: boolean, validAttributes:
?$ReadOnlyArray<string>},\n  ],\n  NativeStyleEditor_styleAndLayout: [StyleAndLayoutPayload],\n};\n\ntype
FrontendEvents = {\n  clearErrorsAndWarnings: [{|rendererID: RendererID}],\n  clearErrorsForFiberID:
[ElementAndRendererID],\n  clearNativeElementHighlight: [],\n  clearWarningsForFiberID:
[ElementAndRendererID],\n  copyElementPath: [CopyElementPathParams],\n  deletePath: [DeletePath],\n
getBridgeProtocol: [],\n  getOwnersList: [ElementAndRendererID],\n  getProfilingData: [{|rendererID:
RendererID}],\n  getProfilingStatus: [],\n  highlightNativeElement: [HighlightElementInDOM],\n  inspectElement:
[InspectElementParams],\n  logElementToConsole: [ElementAndRendererID],\n  overrideError: [OverrideError],\n
overrideSuspense: [OverrideSuspense],\n  overrideValueAtPath: [OverrideValueAtPath],\n  profilingData:
[ProfilingDataBackend],\n  reloadAndProfile: [boolean],\n  renamePath: [RenamePath],\n  savedPreferences:
[SavedPreferencesParams],\n  selectFiber: [number],\n  setTraceUpdatesEnabled: [boolean],\n  shutdown: [],\n
startInspectingNative: [],\n  startProfiling: [boolean],\n  stopInspectingNative: [boolean],\n  stopProfiling: [],\n
storeAsGlobal: [StoreAsGlobalParams],\n  updateComponentFilters: [Array<ComponentFilter>],\n
updateConsolePatchSettings: [UpdateConsolePatchSettingsParams],\n  viewAttributeSource:
[ViewAttributeSourceParams],\n  viewElementSource: [ElementAndRendererID],\n\n  // React Native style editor
plug-in.\n  NativeStyleEditor_measure: [ElementAndRendererID],\n  NativeStyleEditor_renameAttribute:
[NativeStyleEditor_RenameAttributeParams],\n  NativeStyleEditor_setValue:
[NativeStyleEditor_SetValueParams],\n\n  // Temporarily support newer standalone front-ends sending commands
to older embedded backends.\n  // We do this because React Native embeds the React DevTools backend,\n  // but
cannot control which version of the frontend users use.\n  //\n  // Note that nothing in the newer backend actually
listens to these events,\n  // but the new frontend still dispatches them (in case older backends are listening to them
instead).\n  //\n  // Note that this approach does not support the combination of a newer backend with an older
frontend.\n  // It would be more work to support both approaches (and not run handlers twice)\n  // so I chose to
support the more likely/common scenario (and the one more difficult for an end user to "fix").\n  overrideContext:
[OverrideValue],\n  overrideHookState: [OverrideHookState],\n  overrideProps: [OverrideValue],\n  overrideState:
[OverrideValue],\n};\n\nexport class Bridge<\n  OutgoingEvents: Object,\n  IncomingEvents: Object,\n> extends
EventEmitter<{\n  ...IncomingEvents,\n  ...OutgoingEvents,\n}> {\n  _isShutdown: boolean = false;\n
_messageQueue: Array<any> = [];\n  _timeoutID: TimeoutID | null = null;\n  _wall: Wall;\n  _wallUnlisten:
Function | null = null;\n\n  constructor(wall: Wall) {\n    super();\n\n    this._wall = wall;\n\n    this._wallUnlisten =\n      wall.listen((message: Message) => {\n        if (message && message.event) {\n          (this:
any).emit(message.event, message.payload);\n        }\n      }) || null;\n\n    // Temporarily support older standalone

```

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front-ends sending commands to newer embedded backends.\n // We do this because React Native embeds the
React DevTools backend,\n // but cannot control which version of the frontend users use.\n
this.addListener('overrideValueAtPath', this.overrideValueAtPath);\n }\n\n // Listening directly to the wall isn't
advised.\n // It can be used to listen for legacy (v3) messages (since they use a different format).\n get wall(): Wall
{\n return this._wall;\n }\n\n send<EventName: $Keys<OutgoingEvents>>(\n event: EventName,\n
...payload: $ElementType<OutgoingEvents, EventName>\n ) {\n if (this._isShutdown) {\n console.warn(\n
`Cannot send message "${event}" through a Bridge that has been shutdown.`,\n );\n return;\n }\n\n //
When we receive a message:\n // - we add it to our queue of messages to be sent\n // - if there hasn't been a
message recently, we set a timer for 0 ms in\n // the future, allowing all messages created in the same tick to be
sent\n // together\n // - if there *has* been a message flushed in the last BATCH_DURATION ms\n // (or
we're waiting for our setTimeout-0 to fire), then _timeoutID will\n // be set, and we'll simply add to the queue
and wait for that\n this._messageQueue.push(event, payload);\n if (!this._timeoutID) {\n this._timeoutID =
setTimeout(this._flush, 0);\n }\n }\n\n shutdown() {\n if (this._isShutdown) {\n console.warn('Bridge was
already shutdown.);\n return;\n }\n\n // Queue the shutdown outgoing message for subscribers.\n
this.send('shutdown');\n\n // Mark this bridge as destroyed, i.e. disable its public API.\n this._isShutdown =
true;\n\n // Disable the API inherited from EventEmitter that can add more listeners and send more messages.\n
\n // $FlowFixMe This property is not writable.\n this.addListener = function() {};\n // $FlowFixMe This property
is not writable.\n this.emit = function() {};\n\n // NOTE: There's also EventEmitter API like `on` and
`prependListener` that we didn't add to our Flow type of EventEmitter.\n\n // Unsubscribe this bridge incoming
message listeners to be sure, and so they don't have to do that.\n this.removeAllListeners();\n\n // Stop accepting
and emitting incoming messages from the wall.\n const wallUnlisten = this._wallUnlisten;\n if (wallUnlisten) {\n
wallUnlisten();\n }\n\n // Synchronously flush all queued outgoing messages.\n // At this step the
subscribers' code may run in this call stack.\n do {\n this._flush();\n } while (this._messageQueue.length);\n
\n // Make sure once again that there is no dangling timer.\n if (this._timeoutID !== null) {\n
clearTimeout(this._timeoutID);\n this._timeoutID = null;\n }\n }\n\n _flush = () => {\n // This method is
used after the bridge is marked as destroyed in shutdown sequence,\n // so we do not bail out if the bridge marked
as destroyed.\n // It is a private method that the bridge ensures is only called at the right times.\n\n if
(this._timeoutID !== null) {\n clearTimeout(this._timeoutID);\n this._timeoutID = null;\n }\n\n if
(this._messageQueue.length) {\n for (let i = 0; i < this._messageQueue.length; i += 2) {\n
this._wall.send(this._messageQueue[i], ...this._messageQueue[i + 1]);\n }\n this._messageQueue.length =
0;\n\n // Check again for queued messages in BATCH_DURATION ms. This will keep\n // flushing in a loop
as long as messages continue to be added. Once no\n // more are, the timer expires.\n this._timeoutID =
setTimeout(this._flush, BATCH_DURATION);\n }\n };\n\n // Temporarily support older standalone backends by
forwarding `overrideValueAtPath` commands\n // to the older message types they may be listening to.\n
overrideValueAtPath = ({\n id,\n path,\n rendererID,\n type,\n value,\n }: OverrideValueAtPath) => {\n
switch (type) {\n case 'context':\n this.send('overrideContext', {\n id,\n path,\n rendererID,\n
wasForwarded: true,\n value,\n });\n break;\n case 'hooks':\n
this.send('overrideHookState', {\n id,\n path,\n rendererID,\n wasForwarded: true,\n
value,\n });\n break;\n case 'props':\n this.send('overrideProps', {\n id,\n path,\n
rendererID,\n wasForwarded: true,\n value,\n });\n break;\n case 'state':\n
this.send('overrideState', {\n id,\n path,\n rendererID,\n wasForwarded: true,\n value,\n
});\n break;\n }\n }\n };\n\n\nexport type BackendBridge = Bridge<BackendEvents,
FrontendEvents>;\nexport type FrontendBridge = Bridge<FrontendEvents, BackendEvents>;\n\nexport default
Bridge;\n\n",/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the
MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport
EventEmitter from './events';\nimport throttle from 'lodash.throttle';\nimport {\n
SESSION_STORAGE_LAST_SELECTION_KEY,\n SESSION_STORAGE_RELOAD_AND_PROFILE_KEY,\n
SESSION_STORAGE_RECORD_CHANGE_DESCRIPTIONS_KEY,\n __DEBUG__,\n } from

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'./constants';\nimport {\n sessionStorageGetItem,\n sessionStorageRemoveItem,\n sessionStorageSetItem,\n} from
'react-devtools-shared/src/storage';\nimport setupHighlighter from './views/Highlighter';\nimport {\n initialize as
setupTraceUpdates,\n toggleEnabled as setTraceUpdatesEnabled,\n} from './views/TraceUpdates';\nimport {patch
as patchConsole} from './console';\nimport {currentBridgeProtocol} from 'react-devtools-
shared/src/bridge';\n\nimport type {BackendBridge} from 'react-devtools-shared/src/bridge';\nimport type {\n InstanceAndStyle,\n NativeType,\n OwnersList,\n PathFrame,\n PathMatch,\n RendererID,\n
RendererInterface,\n} from './types';\nimport type {ComponentFilter} from './types';\nimport
{isSynchronousXHRSupported} from './utils';\nimport type {BrowserTheme} from 'react-devtools-
shared/src/devtools/views/DevTools';\n\nconst debug = (methodName, ...args) => {\n if (__DEBUG__) {\n
console.log(\n `%cAgent %c${methodName}`, \n 'color: purple; font-weight: bold;', \n 'font-weight:
bold;', \n ...args, \n );\n }\n};\n\ntype ElementAndRendererID = {\n id: number,\n rendererID:
number,\n};\n\ntype StoreAsGlobalParams = {\n count: number,\n id: number,\n path: Array<string | number>,\n
rendererID: number,\n};\n\ntype CopyElementParams = {\n id: number,\n path: Array<string | number>,\n
rendererID: number,\n};\n\ntype InspectElementParams = {\n forceFullData: boolean,\n id: number,\n path:
Array<string | number> | null,\n rendererID: number,\n requestId: number,\n};\n\ntype OverrideHookParams =
{\n id: number,\n hookID: number,\n path: Array<string | number>,\n rendererID: number,\n wasForwarded?:
boolean,\n value: any,\n};\n\ntype SetInParams = {\n id: number,\n path: Array<string | number>,\n
rendererID: number,\n wasForwarded?: boolean,\n value: any,\n};\n\ntype PathType = 'props' | 'hooks' | 'state' |
'context';\n\ntype DeletePathParams = {\n type: PathType,\n hookID?: ?number,\n id: number,\n path:
Array<string | number>,\n rendererID: number,\n};\n\ntype RenamePathParams = {\n type: PathType,\n
hookID?: ?number,\n id: number,\n oldPath: Array<string | number>,\n newPath: Array<string | number>,\n
rendererID: number,\n};\n\ntype OverrideValueAtPathParams = {\n type: PathType,\n hookID?: ?number,\n id:
number,\n path: Array<string | number>,\n rendererID: number,\n value: any,\n};\n\ntype OverrideErrorParams =
{\n id: number,\n rendererID: number,\n forceError: boolean,\n};\n\ntype OverrideSuspenseParams = {\n id:
number,\n rendererID: number,\n forceFallback: boolean,\n};\n\ntype PersistedSelection = {\n rendererID:
number,\n path: Array<PathFrame>,\n};\n\nexport default class Agent extends EventEmitter<{\n
hideNativeHighlight: [],\n showNativeHighlight: [NativeType],\n shutdown: [],\n traceUpdates:
[Set<NativeType>],\n}> {\n _bridge: BackendBridge;\n _isProfiling: boolean = false;\n
_recordChangeDescriptions: boolean = false;\n _rendererInterfaces: {[key: RendererID]: RendererInterface, ...} =
{};\n _persistedSelection: PersistedSelection | null = null;\n _persistedSelectionMatch: PathMatch | null = null;\n
_traceUpdatesEnabled: boolean = false;\n\n constructor(bridge: BackendBridge) {\n super();\n\n if (\n
sessionStorageGetItem(SESSION_STORAGE_RELOAD_AND_PROFILE_KEY) === 'true'\n ) {\n
this._recordChangeDescriptions =\n sessionStorageGetItem(\n
SESSION_STORAGE_RECORD_CHANGE_DESCRIPTIONS_KEY,\n ) === 'true';\n this._isProfiling =
true;\n\n sessionStorageRemoveItem(SESSION_STORAGE_RECORD_CHANGE_DESCRIPTIONS_KEY);\n
sessionStorageRemoveItem(SESSION_STORAGE_RELOAD_AND_PROFILE_KEY);\n }\n\n const
persistedSelectionString = sessionStorageGetItem(\n SESSION_STORAGE_LAST_SELECTION_KEY,\n );\n
if (persistedSelectionString != null) {\n this._persistedSelection = JSON.parse(persistedSelectionString);\n
}\n\n this._bridge = bridge;\n\n bridge.addListener('clearErrorsAndWarnings', this.clearErrorsAndWarnings);\n
bridge.addListener('clearErrorsForFiberID', this.clearErrorsForFiberID);\n
bridge.addListener('clearWarningsForFiberID', this.clearWarningsForFiberID);\n
bridge.addListener('copyElementPath', this.copyElementPath);\n bridge.addListener('deletePath',
this.deletePath);\n bridge.addListener('getBridgeProtocol', this.getBridgeProtocol);\n
bridge.addListener('getProfilingData', this.getProfilingData);\n bridge.addListener('getProfilingStatus',
this.getProfilingStatus);\n bridge.addListener('getOwnersList', this.getOwnersList);\n
bridge.addListener('inspectElement', this.inspectElement);\n bridge.addListener('logElementToConsole',
this.logElementToConsole);\n bridge.addListener('overrideError', this.overrideError);\n
bridge.addListener('overrideSuspense', this.overrideSuspense);\n bridge.addListener('overrideValueAtPath',

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this.overrideValueAtPath);\n  bridge.addListener('reloadAndProfile', this.reloadAndProfile);\n
bridge.addListener('renamePath', this.renamePath);\n  bridge.addListener('setTraceUpdatesEnabled',
this.setTraceUpdatesEnabled);\n  bridge.addListener('startProfiling', this.startProfiling);\n
bridge.addListener('stopProfiling', this.stopProfiling);\n  bridge.addListener('storeAsGlobal', this.storeAsGlobal);\n
  bridge.addListener(\n   'syncSelectionFromNativeElementsPanel',\n
this.syncSelectionFromNativeElementsPanel,\n  );\n  bridge.addListener('shutdown', this.shutdown);\n
bridge.addListener(\n   'updateConsolePatchSettings',\n   this.updateConsolePatchSettings,\n  );\n
bridge.addListener('updateComponentFilters', this.updateComponentFilters);\n
bridge.addListener('viewAttributeSource', this.viewAttributeSource);\n  bridge.addListener('viewElementSource',
this.viewElementSource);\n\n  // Temporarily support older standalone front-ends sending commands to newer
embedded backends.\n  // We do this because React Native embeds the React DevTools backend,\n  // but cannot
control which version of the frontend users use.\n  bridge.addListener('overrideContext', this.overrideContext);\n
bridge.addListener('overrideHookState', this.overrideHookState);\n  bridge.addListener('overrideProps',
this.overrideProps);\n  bridge.addListener('overrideState', this.overrideState);\n\n  if (this._isProfiling) {\n
bridge.send('profilingStatus', true);\n  }\n\n  // Send the Bridge protocol after initialization in case the frontend has
already requested it.\n  this._bridge.send('bridgeProtocol', currentBridgeProtocol);\n\n  // Notify the frontend if the
backend supports the Storage API (e.g. localStorage).\n  // If not, features like reload-and-profile will not work
correctly and must be disabled.\n  let isBackendStorageAPISupported = false;\n  try {\n
localStorage.getItem('test');\n  isBackendStorageAPISupported = true;\n  } catch (error) {}\n
bridge.send('isBackendStorageAPISupported', isBackendStorageAPISupported);\n
bridge.send('isSynchronousXHRSupported', isSynchronousXHRSupported());\n\n  setupHighlighter(bridge,
this);\n  setupTraceUpdates(this);\n  }\n\n  get rendererInterfaces(): {[key: RendererID]: RendererInterface, ...} {\n
return this._rendererInterfaces;\n  }\n\n  clearErrorsAndWarnings = ({rendererID}: {rendererID: RendererID}) =>
{\n  const renderer = this._rendererInterfaces[rendererID];\n  if (renderer == null) {\n    console.warn(`Invalid
renderer id \`${rendererID}\``);\n  } else {\n    renderer.clearErrorsAndWarnings();\n  }\n  };\n\n
clearErrorsForFiberID = ({id, rendererID}: ElementAndRendererID) => {\n  const renderer =
this._rendererInterfaces[rendererID];\n  if (renderer == null) {\n    console.warn(`Invalid renderer id
\`${rendererID}\``);\n  } else {\n    renderer.clearErrorsForFiberID(id);\n  }\n  };\n\n
clearWarningsForFiberID = ({id, rendererID}: ElementAndRendererID) => {\n  const renderer =
this._rendererInterfaces[rendererID];\n  if (renderer == null) {\n    console.warn(`Invalid renderer id
\`${rendererID}\``);\n  } else {\n    renderer.clearWarningsForFiberID(id);\n  }\n  };\n\n
copyElementPath = ({id, path, rendererID}:
CopyElementParams) => {\n  const renderer = this._rendererInterfaces[rendererID];\n  if (renderer == null) {\n
console.warn(`Invalid renderer id \`${rendererID}\` for element \`${id}\``);\n  } else {\n
renderer.copyElementPath(id, path);\n  }\n  };\n\n
deletePath = ({hookID, id, path, rendererID, type}:
DeletePathParams) => {\n  const renderer = this._rendererInterfaces[rendererID];\n  if (renderer == null) {\n
console.warn(`Invalid renderer id \`${rendererID}\` for element \`${id}\``);\n  } else {\n
renderer.deletePath(type, id, hookID, path);\n  }\n  };\n\n
getInstanceAndStyle({\n  id,\n  rendererID,\n  }:
ElementAndRendererID): InstanceAndStyle | null {\n  const renderer = this._rendererInterfaces[rendererID];\n  if
(renderer == null) {\n    console.warn(`Invalid renderer id \`${rendererID}\``);\n    return null;\n  }\n  return
renderer.getInstanceAndStyle(id);\n  }\n\n
getIDForNode(node: Object): number | null {\n  for (const rendererID
in this._rendererInterfaces) {\n    const renderer = ((this._rendererInterfaces[\n      (rendererID: any)\n    ]): any):
RendererInterface);\n\n    try {\n      const id = renderer.getFiberIDForNative(node, true);\n      if (id !== null) {\n
return id;\n      }\n    } catch (error) {\n      // Some old React versions might throw if they can't find a
match.\n      // If so we should ignore it...\n    }\n  }\n  return null;\n  }\n\n
getBridgeProtocol = () => {\n  this._bridge.send('bridgeProtocol', currentBridgeProtocol);\n  };\n\n
getProfilingData = ({rendererID}:
{|rendererID: RendererID}) => {\n  const renderer = this._rendererInterfaces[rendererID];\n  if (renderer == null)
{\n    console.warn(`Invalid renderer id \`${rendererID}\``);\n  }\n\n  this._bridge.send('profilingData',
renderer.getProfilingData());\n  };\n\n
getProfilingStatus = () => {\n  this._bridge.send('profilingStatus',

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(recordChangeDescriptions: boolean) => {\n
  sessionStorage.setItem(SESSION_STORAGE_RELOAD_AND_PROFILE_KEY, 'true');\n
  sessionStorage.setItem(\n    SESSION_STORAGE_RECORD_CHANGE_DESCRIPTIONS_KEY,\n
  recordChangeDescriptions ? 'true' : 'false',\n
  );\n\n // This code path should only be hit if the shell has explicitly
  told the Store that it supports profiling.\n // In that case, the shell must also listen for this specific message to know
  when it needs to reload the app.\n // The agent can't do this in a way that is renderer agnostic.\n
  this._bridge.send('reloadAppForProfiling');\n };;\n\n renamePath = ({\n  hookID,\n  id,\n  newPath,\n
  oldPath,\n  rendererID,\n  type,\n  }: RenamePathParams) => {\n  const renderer =
  this._rendererInterfaces[rendererID];\n  if (renderer == null) {\n    console.warn(`Invalid renderer id
  \"${rendererID}\" for element \"${id}\"`);\n  } else {\n    renderer.renamePath(type, id, hookID, oldPath,
  newPath);\n  }\n };;\n\n selectNode(target: Object): void {\n  const id = this.getIDForNode(target);\n  if (id !==
  null) {\n    this._bridge.send('selectFiber', id);\n  }\n }\n\n setRendererInterface(\n  rendererID: RendererID,\n
  rendererInterface: RendererInterface,\n  ) {\n  this._rendererInterfaces[rendererID] = rendererInterface;\n\n  if
  (this._isProfiling) {\n    rendererInterface.startProfiling(this._recordChangeDescriptions);\n  }\n\n  rendererInterface.setTraceUpdatesEnabled(this._traceUpdatesEnabled);\n\n  // When the renderer is attached, we
  need to tell it whether\n  // we remember the previous selection that we'd like to restore.\n  // It'll start tracking
  mounts for matches to the last selection path.\n  const selection = this._persistedSelection;\n  if (selection !== null
  && selection.rendererID === rendererID) {\n    rendererInterface.setTrackedPath(selection.path);\n  }\n }\n\n
  setTraceUpdatesEnabled = (traceUpdatesEnabled: boolean) => {\n  this._traceUpdatesEnabled =
  traceUpdatesEnabled;\n\n  setTraceUpdatesEnabled(traceUpdatesEnabled);\n\n  for (const rendererID in
  this._rendererInterfaces) {\n    const renderer = ((this._rendererInterfaces[\n      (rendererID: any)\n    ]): any):
  RendererInterface);\n    renderer.setTraceUpdatesEnabled(traceUpdatesEnabled);\n  }\n };;\n\n
  syncSelectionFromNativeElementsPanel = () => {\n  const target =
  window.__REACT_DEVTOOLS_GLOBAL_HOOK__.$0;\n  if (target == null) {\n    return;\n  }\n
  this.selectNode(target);\n };;\n\n shutdown = () => {\n  // Clean up the overlay if visible, and associated events.\n
  this.emit('shutdown');\n };;\n\n startProfiling = (recordChangeDescriptions: boolean) => {\n
  this._recordChangeDescriptions = recordChangeDescriptions;\n  this._isProfiling = true;\n  for (const rendererID
  in this._rendererInterfaces) {\n    const renderer = ((this._rendererInterfaces[\n      (rendererID: any)\n    ]): any):
  RendererInterface);\n    renderer.startProfiling(recordChangeDescriptions);\n  }\n
  this._bridge.send('profilingStatus', this._isProfiling);\n };;\n\n stopProfiling = () => {\n  this._isProfiling = false;\n
  this._recordChangeDescriptions = false;\n  for (const rendererID in this._rendererInterfaces) {\n    const renderer
  = ((this._rendererInterfaces[\n      (rendererID: any)\n    ]): any): RendererInterface);\n
  renderer.stopProfiling();\n  }\n  this._bridge.send('profilingStatus', this._isProfiling);\n };;\n\n storeAsGlobal =
  ({count, id, path, rendererID}: StoreAsGlobalParams) => {\n  const renderer =
  this._rendererInterfaces[rendererID];\n  if (renderer == null) {\n    console.warn(`Invalid renderer id
  \"${rendererID}\" for element \"${id}\"`);\n  } else {\n    renderer.storeAsGlobal(id, path, count);\n  }\n };;\n\n
  updateConsolePatchSettings = ({\n  appendComponentStack,\n  breakOnConsoleErrors,\n
  showInlineWarningsAndErrors,\n  hideConsoleLogsInStrictMode,\n  browserTheme,\n  }: {\n
  appendComponentStack: boolean,\n  breakOnConsoleErrors: boolean,\n  showInlineWarningsAndErrors:
  boolean,\n  hideConsoleLogsInStrictMode: boolean,\n  browserTheme: BrowserTheme,\n  }) => {\n  // If the
  frontend preference has change,\n  // or in the case of React Native- if the backend is just finding out the
  preference-\n  // then reinstall the console overrides.\n  // It's safe to call these methods multiple times, so we don't
  need to worry about that.\n  patchConsole({\n    appendComponentStack,\n    breakOnConsoleErrors,\n
  showInlineWarningsAndErrors,\n    hideConsoleLogsInStrictMode,\n    browserTheme,\n  });\n };;\n\n
  updateComponentFilters = (componentFilters: Array<ComponentFilter>) => {\n  for (const rendererID in
  this._rendererInterfaces) {\n    const renderer = ((this._rendererInterfaces[\n      (rendererID: any)\n    ]): any):
  RendererInterface);\n    renderer.updateComponentFilters(componentFilters);\n  }\n };;\n\n viewAttributeSource
  = ({id, path, rendererID}: CopyElementParams) => {\n  const renderer = this._rendererInterfaces[rendererID];\n

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if (renderer == null) {\n  console.warn(`Invalid renderer id "${rendererID}" for element "${id}"`);\n  } else
{\n  renderer.prepareViewAttributeSource(id, path);\n  }\n};\n\nviewElementSource = ({id, rendererID}:
ElementAndRendererID) => {\n  const renderer = this._rendererInterfaces[rendererID];\n  if (renderer == null)
{\n  console.warn(`Invalid renderer id "${rendererID}" for element "${id}"`);\n  } else {\n
renderer.prepareViewElementSource(id);\n  }\n};\n\nonTraceUpdates = (nodes: Set<NativeType>) => {\n
this.emit('traceUpdates', nodes);\n};\n\nonFastRefreshScheduled = () => {\n  if (__DEBUG__) {\n
debug('onFastRefreshScheduled');\n  }\n\n  this._bridge.send('fastRefreshScheduled');\n};\n\n
onHookOperations = (operations: Array<number>) => {\n  if (__DEBUG__) {\n  debug(\n
'onHookOperations',\n    `(${operations.length}) [${operations.join(', ')}]`,\n    );\n  }\n\n  // TODO:\n  // The
chrome.runtime does not currently support transferables; it forces JSON serialization.\n  // See bug
https://bugs.chromium.org/p/chromium/issues/detail?id=927134\n  //\n  // Regarding transferables, the
postMessage doc states:\n  // If the ownership of an object is transferred, it becomes unusable (neutered)\n  // in
the context it was sent from and becomes available only to the worker it was sent to.\n  //\n  // Even though
Chrome is eventually JSON serializing the array buffer,\n  // using the transferable approach also sometimes causes
it to throw:\n  // DOMException: Failed to execute 'postMessage' on 'Window': ArrayBuffer at index 0 is already
neutered.\n  //\n  // See bug https://github.com/bvaughn/react-devtools-experimental/issues/25\n  //\n  // The
Store has a fallback in place that parses the message as JSON if the type isn't an array.\n  // For now the simplest
fix seems to be to not transfer the array.\n  // This will negatively impact performance on Firefox so it's
unfortunate,\n  // but until we're able to fix the Chrome error mentioned above, it seems necessary.\n  //\n  //
this._bridge.send('operations', operations, [operations.buffer]);\n  this._bridge.send('operations', operations);\n\n
if (this._persistedSelection !== null) {\n  const rendererID = operations[0];\n  if
(this._persistedSelection.rendererID === rendererID) {\n    // Check if we can select a deeper match for the
persisted selection.\n    const renderer = this._rendererInterfaces[rendererID];\n    if (renderer == null) {\n
console.warn(`Invalid renderer id "${rendererID}"`);\n    } else {\n    const prevMatch =
this._persistedSelectionMatch;\n    const nextMatch = renderer.getBestMatchForTrackedPath();\n
this._persistedSelectionMatch = nextMatch;\n    const prevMatchID = prevMatch !== null ? prevMatch.id :
null;\n    const nextMatchID = nextMatch !== null ? nextMatch.id : null;\n    if (prevMatchID !==
nextMatchID) {\n    if (nextMatchID !== null) {\n    // We moved forward, unlocking a deeper node.\n
this._bridge.send('selectFiber', nextMatchID);\n    }\n    }\n    if (nextMatch !== null &&
nextMatch.isFullMatch) {\n    // We've just unlocked the innermost selected node.\n    // There's no point
tracking it further.\n    this._persistedSelection = null;\n    this._persistedSelectionMatch = null;\n
renderer.setTrackedPath(null);\n    }\n    }\n    }\n};\n\nonUnsupportedRenderer(rendererID:
number) {\n  this._bridge.send('unsupportedRendererVersion', rendererID);\n}\n\n_throttledPersistSelection =
throttle((rendererID: number, id: number) => {\n  // This is throttled, so both renderer and selected ID\n  // might
not be available by the time we read them.\n  // This is why we need the defensive checks here.\n  const renderer
= this._rendererInterfaces[rendererID];\n  const path = renderer != null ? renderer.getPathForElement(id) : null;\n
if (path !== null) {\n  sessionStorage.setItem(\n    SESSION_STORAGE_LAST_SELECTION_KEY,\n
JSON.stringify(({rendererID, path}: PersistedSelection)),\n    );\n  } else {\n
sessionStorage.removeItem(SESSION_STORAGE_LAST_SELECTION_KEY);\n  }\n}, 1000);\n\n}

Install the hook on window, which is an event emitter.\n * Note because Chrome content scripts cannot directly
modify the window object,\n * we are evaling this function by inserting a script tag.\n * That's why we have to
inline the whole event emitter implementation,\n * the string format implementation, and part of the console
implementation here.\n * \n * @flow\n * \n\nimport type {BrowserTheme} from 'react-devtools-
shared/src/devtools/views/DevTools';\nimport type {DevToolsHook} from 'react-devtools-
shared/src/backend/types';\nimport {\n  patch as patchConsole,\n  registerRenderer as
registerRendererWithConsole,\n} from './backend/console';\n\ndeclare var window: any;\n\nexport function
installHook(target: any): DevToolsHook | null {\n  if
(target.hasOwnProperty('__REACT_DEVTOOLS_GLOBAL_HOOK__')) {\n  return null;\n  }\n\n  let

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targetConsole: Object = console;\n let targetConsoleMethods = {};\n for (const method in console) {\n
targetConsoleMethods[method] = console[method];\n }\n\n function dangerous_setTargetConsoleForTesting(\n
targetConsoleForTesting: Object,\n ): void {\n targetConsole = targetConsoleForTesting;\n\n
targetConsoleMethods = {};\n for (const method in targetConsole) {\n targetConsoleMethods[method] =
console[method];\n }\n\n function detectReactBuildType(renderer) {\n try {\n if (typeof renderer.version
=== 'string') {\n // React DOM Fiber (16+)\n if (renderer.bundleType > 0) {\n // This is not a
production build.\n // We are currently only using 0 (PROD) and 1 (DEV)\n // but might add 2
(PROFILE) in the future.\n return 'development';\n }\n\n // React 16 uses flat bundles. If we report the
bundle as production\n // version, it means we also minified and envified it ourselves.\n return
'production';\n // Note: There is still a risk that the CommonJS entry point has not\n // been envified or
uglified. In this case the user would have *both*\n // development and production bundle, but only the prod one
would run.\n // This would be really bad. We have a separate check for this because\n // it happens
*outside* of the renderer injection. See `checkDCE` below.\n }\n\n const toString =
Function.prototype.toString;\n if (renderer.Mount && renderer.Mount._renderNewRootComponent) {\n //
React DOM Stack\n const renderRootCode = toString.call(\n
renderer.Mount._renderNewRootComponent,\n );\n // Filter out bad results (if that is even possible):\n
if (renderRootCode.indexOf('function') !== 0) {\n // Hope for the best if we're not sure.\n return
'production';\n }\n // Check for React DOM Stack < 15.1.0 in development.\n // If it contains
`"storedMeasure"` call, it's wrapped in ReactPerf (DEV only).\n // This would be true even if it's minified, as
method name still matches.\n if (renderRootCode.indexOf('storedMeasure') !== -1) {\n return
'development';\n }\n // For other versions (and configurations) it's not so easy.\n // Let's quickly exclude
proper production builds.\n // If it contains a warning message, it's either a DEV build,\n // or an PROD
build without proper dead code elimination.\n if (renderRootCode.indexOf('should be a pure function') !== -1)
{\n // Now how do we tell a DEV build from a bad PROD build?\n // If we see NODE_ENV, we're going
to assume this is a dev build\n // because most likely it is referring to an empty shim.\n if
(renderRootCode.indexOf('NODE_ENV') !== -1) {\n return 'development';\n }\n // If we see
`"development"`, we're dealing with an envified DEV build\n // (such as the official React DEV UMD).\n
if (renderRootCode.indexOf('development') !== -1) {\n return 'development';\n }\n // I've seen
process.env.NODE_ENV !== 'production' being smartly\n // replaced by `true` in DEV by Webpack. I don't
know how that\n // works but we can safely guard against it because `true` was\n // never used in the
function source since it was written.\n if (renderRootCode.indexOf('true') !== -1) {\n return
'development';\n }\n // By now either it is a production build that has not been minified,\n // or
(worse) this is a minified development build using non-standard\n // environment (e.g. `"staging"`). We're
going to look at whether\n // the function argument name is mangled:\n if (\n // 0.13 to 15\n
renderRootCode.indexOf('nextElement') !== -1 ||\n // 0.12\n
renderRootCode.indexOf('nextComponent') !== -1\n ) {\n // We can't be certain whether this is a
development build or not,\n // but it is definitely unminified.\n return 'unminified';\n } else {\n
// This is likely a minified development build.\n return 'development';\n }\n }\n // By now
we know that it's envified and dead code elimination worked,\n // but what if it's still not minified? (Is this even
possible?)\n // Let's check matches for the first argument name.\n if (\n // 0.13 to 15\n
renderRootCode.indexOf('nextElement') !== -1 ||\n // 0.12\n
renderRootCode.indexOf('nextComponent')
!== -1\n ) {\n return 'unminified';\n }\n // Seems like we're using the production version.\n //
However, the branch above is Stack-only so this is 15 or earlier.\n return 'outdated';\n }\n } catch (err) {\n
// Weird environments may exist.\n // This code needs a higher fault tolerance\n // because it runs even with
closed DevTools.\n // TODO: should we catch errors in all injected code, and not just this part?\n }\n return
'production';\n }\n\n function checkDCE(fn: Function) {\n // This runs for production versions of React.\n //
Needs to be super safe.\n try {\n const toString = Function.prototype.toString;\n const code =
toString.call(fn);\n // This is a string embedded in the passed function under DEV-only\n // condition.

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However the function executes only in PROD. Therefore,\n    // if we see it, dead code elimination did not work.\n    if (code.indexOf('^_') > -1) {\n        // Remember to report during next injection.\n        hasDetectedBadDCE = true;\n        // Bonus: throw an exception hoping that it gets picked up by a reporting system.\n        // Not synchronously so that it doesn't break the calling code.\n        setTimeout(function() {\n            throw new Error(\n                'React is running in production mode, but dead code ' +\n                'elimination has not been applied. Read how to correctly ' +\n                'configure React for production: ' +\n                'https://reactjs.org/link/perf-use-production-build',\n            );\n        });\n    } catch (err) {\n        }\n    } // NOTE: KEEP IN SYNC with src/backend/utils.js\n    function format(\n        maybeMessage: any,\n        ...inputArgs: $ReadOnlyArray<any>\n    ): string {\n        const args = inputArgs.slice();\n        // Symbols cannot be concatenated with Strings.\n        let formatted = String(maybeMessage);\n        // If the first argument is a string, check for substitutions.\n        if (typeof maybeMessage === 'string') {\n            if (args.length) {\n                const REGEXP = /(\\%?)(\\%([jds]))/g;\n                formatted = formatted.replace(REGEXP, (match, escaped, ptn, flag) => {\n                    let arg = args.shift();\n                    switch (flag) {\n                        case 's':\n                            arg += ";\n                            break;\n                        case 'd':\n                            case 'i':\n                                arg = parseInt(arg, 10).toString();\n                                break;\n                        case 'f':\n                            arg = parseFloat(arg).toString();\n                            break;\n                    }\n                    if (!escaped) {\n                        return arg;\n                    }\n                    args.unshift(arg);\n                    return match;\n                });\n            }\n        }\n        // Arguments that remain after formatting.\n        if (args.length) {\n            for (let i = 0; i < args.length; i++) {\n                formatted += ' ' + String(args[i]);\n            }\n        }\n        // Update escaped %% values.\n        formatted = formatted.replace(/%{2,2}/g, '%');\n        return String(formatted);\n    }\n    let unpatchFn = null;\n    // NOTE: KEEP IN SYNC with src/backend/console.js:patchForStrictMode\n    // This function hides or dims console logs during the initial double render\n    // in Strict Mode. We need this function because during initial render,\n    // React and DevTools are connecting and the renderer interface isn't available\n    // and we want to be able to have consistent logging behavior for double logs\n    // during the initial render.\n    function patchConsoleForInitialRenderInStrictMode({\n        hideConsoleLogsInStrictMode,\n        browserTheme,\n    }): {\n        hideConsoleLogsInStrictMode: boolean,\n        browserTheme: BrowserTheme,\n    } {\n        const overrideConsoleMethods = ['error', 'trace', 'warn', 'log'];\n        if (unpatchFn !== null) {\n            // Don't patch twice.\n            return;\n        }\n        const originalConsoleMethods = {};\n        unpatchFn = () => {\n            for (const method in originalConsoleMethods) {\n                try {\n                    // $FlowFixMe property error|warn is not writable.\n                    targetConsole[method] = originalConsoleMethods[method];\n                } catch (error) {\n                    }\n            }\n        }\n        overrideConsoleMethods.forEach(method => {\n            try {\n                const originalMethod = (originalConsoleMethods[method] = targetConsole[\n                    method\n                ].__REACT_DEVTOOLS_STRICT_MODE_ORIGINAL_METHOD__\n                ?\n                targetConsole[method].__REACT_DEVTOOLS_STRICT_MODE_ORIGINAL_METHOD__\n                :\n                targetConsole[method]);\n                const overrideMethod = (...args) => {\n                    if (!hideConsoleLogsInStrictMode)\n                        // Dim the text color of the double logs if we're not\n                        // hiding them.\n                        let color;\n                    switch (method) {\n                        case 'warn':\n                            color =\n                                browserTheme === 'light'\n                                ?\n                                process.env.LIGHT_MODE_DIMMED_WARNING_COLOR\n                                :\n                                process.env.DARK_MODE_DIMMED_WARNING_COLOR;\n                            break;\n                        case 'error':\n                            color =\n                                browserTheme === 'light'\n                                ?\n                                process.env.LIGHT_MODE_DIMMED_ERROR_COLOR\n                                :\n                                process.env.DARK_MODE_DIMMED_ERROR_COLOR;\n                            break;\n                        case 'log':\n                            default:\n                                color =\n                                    browserTheme === 'light'\n                                    ?\n                                    process.env.LIGHT_MODE_DIMMED_LOG_COLOR\n                                    :\n                                    process.env.DARK_MODE_DIMMED_LOG_COLOR;\n                            break;\n                    }\n                    if (color) {\n                        originalMethod(`%c${format(...args)}`, `color: ${color}`);\n                    } else {\n                        throw Error('Console color is not defined');\n                    }\n                }\n                overrideMethod.__REACT_DEVTOOLS_STRICT_MODE_ORIGINAL_METHOD__ = originalMethod;\n                originalMethod.__REACT_DEVTOOLS_STRICT_MODE_OVERRIDE_METHOD__ = overrideMethod;\n                // $FlowFixMe property error|warn is not writable.\n                targetConsole[method] = overrideMethod;\n            } catch

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(error) {} \n }); \n \n // NOTE: KEEP IN SYNC with src/backend/console.js:unpatchForStrictMode \n function
unpatchConsoleForInitialRenderInStrictMode() { \n if (unpatchFn !== null) { \n unpatchFn(); \n unpatchFn =
null; \n } \n } \n \n let uidCounter = 0; \n \n function inject(renderer) { \n const id = ++uidCounter; \n
renderers.set(id, renderer); \n \n const reactBuildType = hasDetectedBadDCE \n ? 'deadcode' \n :
detectReactBuildType(renderer); \n \n // Patching the console enables DevTools to do a few useful things: \n // *
Append component stacks to warnings and error messages \n // * Disabling or marking logs during a double render
in Strict Mode \n // * Disable logging during re-renders to inspect hooks (see inspectHooksOfFiber) \n // \n // For
React Native, we intentionally patch early (during injection). \n // This provides React Native developers with
components stacks even if they don't run DevTools. \n // \n // This won't work for DOM though, since this entire
file is eval'ed and inserted as a script tag. \n // In that case, we'll only patch parts of the console that are needed
during the first render \n // and patch everything else later (when the frontend attaches). \n // \n // Don't patch in
test environments because we don't want to interfere with Jest's own console overrides. \n // \n // Note that
because this function is inlined, this conditional check must only use static booleans. \n // Otherwise the extension
will throw with an undefined error. \n // (See comments in the try/catch below for more context on inlining.) \n if
(!__TEST__ && !__EXTENSION__) { \n try { \n const appendComponentStack = \n
window.__REACT_DEVTOOLS_APPEND_COMPONENT_STACK__ !== false; \n const
breakOnConsoleErrors = \n window.__REACT_DEVTOOLS_BREAK_ON_CONSOLE_ERRORS__ ===
true; \n const showInlineWarningsAndErrors = \n
window.__REACT_DEVTOOLS_SHOW_INLINE_WARNINGS_AND_ERRORS__ !== false; \n const
hideConsoleLogsInStrictMode = \n
window.__REACT_DEVTOOLS_HIDE_CONSOLE_LOGS_IN_STRICT_MODE__ === true; \n const
browserTheme = window.__REACT_DEVTOOLS_BROWSER_THEME__; \n // The installHook() function
is injected by being stringified in the browser, \n // so imports outside of this function do not get included. \n
// \n // Normally we could check "typeof patchConsole === 'function'", \n // but Webpack wraps imports
with an object (e.g. _backend_console__WEBPACK_IMPORTED_MODULE_0_) \n // and the object itself
will be undefined as well for the reasons mentioned above, \n // so we use try/catch instead. \n
registerRendererWithConsole(renderer); \n patchConsole({ \n appendComponentStack, \n
breakOnConsoleErrors, \n showInlineWarningsAndErrors, \n hideConsoleLogsInStrictMode, \n
browserTheme, \n }); \n } catch (error) { \n } \n \n // If we have just reloaded to profile, we need to inject
the renderer interface before the app loads. \n // Otherwise the renderer won't yet exist and we can skip this step. \n
const attach = target.__REACT_DEVTOOLS_ATTACH__; \n if (typeof attach === 'function') { \n const
rendererInterface = attach(hook, id, renderer, target); \n hook.rendererInterfaces.set(id, rendererInterface); \n
} \n \n hook.emit('renderer', { \n id, \n renderer, \n reactBuildType, \n }); \n \n return id; \n } \n \n let
hasDetectedBadDCE = false; \n \n function sub(event, fn) { \n hook.on(event, fn); \n return () => hook.off(event,
fn); \n } \n \n function on(event, fn) { \n if (!listeners[event]) { \n listeners[event] = []; \n } \n
listeners[event].push(fn); \n } \n \n function off(event, fn) { \n if (!listeners[event]) { \n return; \n } \n const
index = listeners[event].indexOf(fn); \n if (index !== -1) { \n listeners[event].splice(index, 1); \n } \n if
(!listeners[event].length) { \n delete listeners[event]; \n } \n } \n \n function emit(event, data) { \n if
(listeners[event]) { \n listeners[event].map(fn => fn(data)); \n } \n } \n \n function getFiberRoots(rendererID) { \n
const roots = fiberRoots; \n if (!roots[rendererID]) { \n roots[rendererID] = new Set(); \n } \n return
roots[rendererID]; \n } \n \n function onCommitFiberUnmount(rendererID, fiber) { \n const rendererInterface =
rendererInterfaces.get(rendererID); \n if (rendererInterface !== null) { \n
rendererInterface.handleCommitFiberUnmount(fiber); \n } \n } \n \n function onCommitFiberRoot(rendererID,
root, priorityLevel) { \n const mountedRoots = hook.getFiberRoots(rendererID); \n const current = root.current; \n
const isKnownRoot = mountedRoots.has(root); \n const isUnmounting = \n current.memoizedState === null ||
current.memoizedState.element === null; \n // Keep track of mounted roots so we can hydrate when DevTools
connect. \n if (!isKnownRoot && !isUnmounting) { \n mountedRoots.add(root); \n } else if (isKnownRoot &&
isUnmounting) { \n mountedRoots.delete(root); \n } \n const rendererInterface =

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rendererInterfaces.get(rendererID);\n  if (rendererInterface != null) {\n
rendererInterface.handleCommitFiberRoot(root, priorityLevel);\n  }\n }\n\n function
onPostCommitFiberRoot(rendererID, root) {\n  const rendererInterface = rendererInterfaces.get(rendererID);\n  if
(rendererInterface != null) {\n    rendererInterface.handlePostCommitFiberRoot(root);\n  }\n }\n\n function
setStrictMode(rendererID, isStrictMode) {\n  const rendererInterface = rendererInterfaces.get(rendererID);\n  if
(rendererInterface != null) {\n    if (isStrictMode) {\n      rendererInterface.patchConsoleForStrictMode();\n    }
else {\n      rendererInterface.unpatchConsoleForStrictMode();\n    }\n  } else {\n    // This should only happen
during initial render in the extension before DevTools\n    // finishes its handshake with the injected renderer\n
if (isStrictMode) {\n      const hideConsoleLogsInStrictMode =\n
window.__REACT_DEVTOOLS_HIDE_CONSOLE_LOGS_IN_STRICT_MODE__ === true;\n      const
browserTheme = window.__REACT_DEVTOOLS_BROWSER_THEME__;\n
patchConsoleForInitialRenderInStrictMode({\n      hideConsoleLogsInStrictMode,\n      browserTheme,\n
});\n  } else {\n    unpatchConsoleForInitialRenderInStrictMode();\n  }\n }\n }\n\n type StackFrameString
= string;\n\n const openModuleRangesStack: Array<StackFrameString> = [];\n const moduleRanges:
Array<[StackFrameString, StackFrameString]> = [];\n\n function getTopStackFrameString(error: Error):
StackFrameString | null {\n  const frames = error.stack.split("\\n");\n  const frame = frames.length > 1 ? frames[1] :
null;\n  return frame;\n }\n\n function getInternalModuleRanges(): Array<\n  [StackFrameString,
StackFrameString],\n > {\n  return moduleRanges;\n }\n\n function registerInternalModuleStart(error: Error) {\n
const startStackFrame = getTopStackFrameString(error);\n  if (startStackFrame !== null) {\n
openModuleRangesStack.push(startStackFrame);\n  }\n }\n\n function registerInternalModuleStop(error: Error)
{\n  if (openModuleRangesStack.length > 0) {\n    const startStackFrame = openModuleRangesStack.pop();\n
const stopStackFrame = getTopStackFrameString(error);\n    if (stopStackFrame !== null) {\n
moduleRanges.push([startStackFrame, stopStackFrame]);\n    }\n  }\n }\n\n // TODO: More meaningful names
for \"rendererInterfaces\" and \"renderers\".\n const fiberRoots = {};\n const rendererInterfaces = new Map();\n
const listeners = {};\n const renderers = new Map();\n const hook: DevToolsHook = {\n  rendererInterfaces,\n
listeners,\n\n // Fast Refresh for web relies on this.\n  renderers,\n\n emit,\n  getFiberRoots,\n  inject,\n
on,\n  off,\n  sub,\n\n // This is a legacy flag.\n  // React v16 checks the hook for this to ensure DevTools is
new enough.\n  supportsFiber: true,\n\n // React calls these methods.\n  checkDCE,\n
onCommitFiberUnmount,\n  onCommitFiberRoot,\n  onPostCommitFiberRoot,\n  setStrictMode,\n\n //
Schedule Profiler runtime helpers.\n  // These internal React modules to report their own boundaries\n  // which in
turn enables the profiler to dim or filter internal frames.\n  getInternalModuleRanges,\n
registerInternalModuleStart,\n  registerInternalModuleStop,\n  };\n\n if (__TEST__) {\n
hook.dangerous_setTargetConsoleForTesting = dangerous_setTargetConsoleForTesting;\n }\n\n
Object.defineProperty(\n  target,\n  '__REACT_DEVTOOLS_GLOBAL_HOOK__',\n  ({\n    // This property
needs to be configurable for the test environment,\n    // else we won't be able to delete and recreate it between
tests.\n    configurable: __DEV__,\n    enumerable: false,\n    get() {\n      return hook;\n    },\n  }): Object),\n
);\n\n return hook;\n }\n\n \"/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed
under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n * @flow\n
*\n\n import type {InternalInstance} from './renderer';\n\n export function decorate(object: Object, attr: string, fn:
Function): Function {\n  const old = object[attr];\n  object[attr] = function(instance: InternalInstance) {\n  return
fn.call(this, old, arguments);\n  };\n  return old;\n }\n\n export function decorateMany(\n  source: Object,\n  fns:
{[attr: string]: Function, ...},\n): Object {\n  const olds = {};\n  for (const name in fns) {\n    olds[name] =
decorate(source, name, fns[name]);\n  }\n  return olds;\n }\n\n export function restoreMany(source: Object, olds:
Object): void {\n  for (const name in olds) {\n    source[name] = olds[name];\n  }\n }\n\n export function
forceUpdate(instance: InternalInstance): void {\n  if (typeof instance.forceUpdate === 'function') {\n
instance.forceUpdate();\n  } else if (\n    instance.updater != null &&\n    typeof
instance.updater.enqueueForceUpdate === 'function'\n  ) {\n    instance.updater.enqueueForceUpdate(this, () => {\n
'forceUpdate');\n  }\n }\n\n \"/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is

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licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n *
@flow\n */\n\nimport {\n  ElementTypeClass,\n  ElementTypeFunction,\n  ElementTypeRoot,\n  ElementTypeHostComponent,\n  ElementTypeOtherOrUnknown,\n} from 'react-devtools-shared/src/types';\nimport
{getUID, utfEncodeString, printOperationsArray} from '../utils';\nimport {\n  cleanForBridge,\n  copyToClipboard,\n  copyWithDelete,\n  copyWithRename,\n  copyWithSet,\n} from './utils';\nimport {\n  deletePathInObject,\n  getDisplayName,\n  getInObject,\n  renamePathInObject,\n  setInObject,\n} from 'react-
devtools-shared/src/utils';\nimport {\n  __DEBUG__,\n  TREE_OPERATION_ADD,\n  TREE_OPERATION_REMOVE,\n  TREE_OPERATION_REORDER_CHILDREN,\n} from
'../constants';\nimport {decorateMany, forceUpdate, restoreMany} from './utils';\nimport type {\n  DevToolsHook,\n  GetFiberIDForNative,\n  InspectedElementPayload,\n  InstanceAndStyle,\n  NativeType,\n  PathFrame,\n  PathMatch,\n  RendererInterface,\n} from './types';\nimport type {\n  ComponentFilter,\n  ElementType,\n} from 'react-devtools-shared/src/types';\nimport type {InspectedElement, SerializedElement} from
'./types';\n\nexport type InternalInstance = Object;\nntype LegacyRenderer = Object;\n\nfunction
getData(internalInstance: InternalInstance) {\n  let displayName = null;\n  let key = null;\n\n  // != used deliberately
here to catch undefined and null\n  if (internalInstance._currentElement != null) {\n    if
(internalInstance._currentElement.key) {\n      key = String(internalInstance._currentElement.key);\n    }\n\n    const
elementType = internalInstance._currentElement.type;\n    if (typeof elementType === 'string') {\n      displayName
= elementType;\n    } else if (typeof elementType === 'function') {\n      displayName =
getDisplayName(elementType);\n    }\n  }\n\n  return {\n    displayName,\n    key,\n  };}\n\nfunction
getElementType(internalInstance: InternalInstance): ElementType {\n  // != used deliberately here to catch
undefined and null\n  if (internalInstance._currentElement != null) {\n    const elementType =
internalInstance._currentElement.type;\n    if (typeof elementType === 'function') {\n      const publicInstance =
internalInstance.getPublicInstance();\n      if (publicInstance != null) {\n        return ElementTypeClass;\n      } else
{\n        return ElementTypeFunction;\n      }\n    } else if (typeof elementType === 'string') {\n      return
ElementTypeHostComponent;\n    }\n  }\n  return ElementTypeOtherOrUnknown;\n}\n\nfunction
getChildren(internalInstance: Object): Array<any> {\n  const children = [];\n\n  // If the parent is a native node
without rendered children, but with\n  // multiple string children, then the `element` that gets passed in here is\n  // a
plain value -- a string or number.\n  if (typeof internalInstance !== 'object') {\n    // No children\n  } else if (\n
internalInstance._currentElement === null ||\n  internalInstance._currentElement === false\n ) {\n    // No
children\n  } else if (internalInstance._renderedComponent) {\n    const child =
internalInstance._renderedComponent;\n    if (getElementType(child) !== ElementTypeOtherOrUnknown) {\n      children.push(child);\n    }\n  } else if (internalInstance._renderedChildren) {\n    const renderedChildren =
internalInstance._renderedChildren;\n    for (const name in renderedChildren) {\n      const child =
renderedChildren[name];\n      if (getElementType(child) !== ElementTypeOtherOrUnknown) {\n
children.push(child);\n      }\n    }\n  }\n  // Note: we skip the case where children are just strings or numbers\n  //
because the new DevTools skips over host text nodes anyway.\n  return children;\n}\n\nexport function attach(\n
hook: DevToolsHook,\n  rendererID: number,\n  renderer: LegacyRenderer,\n  global: Object,\n): RendererInterface
{\n  const idToInternalInstanceMap: Map<number, InternalInstance> = new Map();\n  const
internalInstanceToIDMap: WeakMap<\n  InternalInstance,\n  number,\n  > = new WeakMap();\n  const
internalInstanceToRootIDMap: WeakMap<\n  InternalInstance,\n  number,\n  > = new WeakMap();\n\n  let
getInternalIDForNative: GetFiberIDForNative = ((null: any): GetFiberIDForNative);\n  let
findNativeNodeForInternalID: (id: number) => ?NativeType;\n\n  if (renderer.ComponentTree) {\n    getInternalIDForNative = (node, findNearestUnfilteredAncestor) => {\n      const internalInstance =
renderer.ComponentTree.getClosestInstanceFromNode(\n        node,\n      );\n      return
internalInstanceToIDMap.get(internalInstance) || null;\n    }; findNativeNodeForInternalID = (id: number) =>
{\n      const internalInstance = idToInternalInstanceMap.get(id);\n      return
renderer.ComponentTree.getNodeFromInstance(internalInstance);\n    }; } else if (renderer.Mount.getID &&
renderer.Mount.getNode) {\n    getInternalIDForNative = (node, findNearestUnfilteredAncestor) => {\n      // Not

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implemented.\n  return null;\n  };\n  findNativeNodeForInternalID = (id: number) => {\n    // Not
implemented.\n    return null;\n  };\n  }\n\n  function getDisplayNameForFiberID(id: number): string | null {\n
const internalInstance = idToInternalInstanceMap.get(id);\n  return internalInstance ?
getData(internalInstance).displayName : null;\n  }\n\n  function getID(internalInstance: InternalInstance): number
{\n    if (typeof internalInstance !== 'object' || internalInstance === null) {\n      throw new Error('Invalid internal
instance: ' + internalInstance);\n    }\n    if (!internalInstanceToIDMap.has(internalInstance)) {\n      const id =
getUID();\n      internalInstanceToIDMap.set(internalInstance, id);\n      idToInternalInstanceMap.set(id,
internalInstance);\n    }\n    return ((internalInstanceToIDMap.get(internalInstance): any): number);\n  }\n\n  function areEqualArrays(a, b) {\n    if (a.length !== b.length) {\n      return false;\n    }\n    for (let i = 0; i < a.length;
i++) {\n      if (a[i] !== b[i]) {\n        return false;\n      }\n    }\n    return true;\n  }\n\n  // This is shared mutable state
that lets us keep track of where we are.\n  let parentIDStack = [];\n\n  let oldReconcilerMethods = null;\n  if
(renderer.Reconciler) {\n    // React 15\n    oldReconcilerMethods = decorateMany(renderer.Reconciler, {\n
mountComponent(fn, args) {\n      const internalInstance = args[0];\n      const hostContainerInfo = args[3];\n
if (getElementType(internalInstance) === ElementTypeOtherOrUnknown) {\n        return fn.apply(this, args);\n
      }\n      if (hostContainerInfo._topLevelWrapper === undefined) {\n        // SSR\n        return fn.apply(this,
args);\n      }\n      const id = getID(internalInstance);\n      // Push the operation.\n      const parentID =\nparentIDStack.length > 0\n        ? parentIDStack[parentIDStack.length - 1]\n        : 0;\n      recordMount(internalInstance, id, parentID);\n      parentIDStack.push(id);\n      // Remember the root.\n      internalInstanceToRootIDMap.set(\n        internalInstance,\n        getID(hostContainerInfo._topLevelWrapper),\n
      );\n      try {\n        const result = fn.apply(this, args);\n        parentIDStack.pop();\n        return result;\n
      } catch (err) {\n        parentIDStack = [];\n        throw err;\n      } finally {\n        if (parentIDStack.length === 0) {\n
          const rootID = internalInstanceToRootIDMap.get(internalInstance);\n          if (rootID === undefined) {\n
            throw new Error('Expected to find root ID.);\n          }\n          flushPendingEvents(rootID);\n
        }\n      },\n      performUpdateIfNecessary(fn, args) {\n        const internalInstance = args[0];\n        if
(getElementType(internalInstance) === ElementTypeOtherOrUnknown) {\n          return fn.apply(this, args);\n
        }\n        const id = getID(internalInstance);\n        parentIDStack.push(id);\n        const prevChildren =
getChildren(internalInstance);\n        try {\n          const result = fn.apply(this, args);\n          const nextChildren =
getChildren(internalInstance);\n          if (!areEqualArrays(prevChildren, nextChildren)) {\n            // Push the
operation\n            recordReorder(internalInstance, id, nextChildren);\n          }\n          parentIDStack.pop();\n
        } catch (err) {\n          parentIDStack = [];\n          throw err;\n        } finally {\n          if
(parentIDStack.length === 0) {\n            const rootID = internalInstanceToRootIDMap.get(internalInstance);\n
            if (rootID === undefined) {\n              throw new Error('Expected to find root ID.);\n            }\n
            flushPendingEvents(rootID);\n          }\n        },\n      receiveComponent(fn, args) {\n        const
internalInstance = args[0];\n        if (getElementType(internalInstance) === ElementTypeOtherOrUnknown) {\n
          return fn.apply(this, args);\n        }\n        const id = getID(internalInstance);\n        parentIDStack.push(id);\n
        const prevChildren = getChildren(internalInstance);\n        try {\n          const result = fn.apply(this, args);\n
        }\n        const nextChildren = getChildren(internalInstance);\n        if (!areEqualArrays(prevChildren, nextChildren)) {\n
          // Push the operation\n          recordReorder(internalInstance, id, nextChildren);\n        }\n        parentIDStack.pop();\n
        return result;\n      } catch (err) {\n        parentIDStack = [];\n        throw err;\n      } finally {\n
        if (parentIDStack.length === 0) {\n          const rootID =
internalInstanceToRootIDMap.get(internalInstance);\n          if (rootID === undefined) {\n            throw new
Error('Expected to find root ID.);\n          }\n          flushPendingEvents(rootID);\n        }\n      },\n
      unmountComponent(fn, args) {\n        const internalInstance = args[0];\n        if (getElementType(internalInstance)
=== ElementTypeOtherOrUnknown) {\n          return fn.apply(this, args);\n        }\n        const id =
getID(internalInstance);\n        parentIDStack.push(id);\n        try {\n          const result = fn.apply(this, args);\n
        }\n        parentIDStack.pop();\n        // Push the operation.\n        recordUnmount(internalInstance, id);\n
        return result;\n      } catch (err) {\n        parentIDStack = [];\n        throw err;\n      } finally {\n
        if (parentIDStack.length === 0) {\n          const rootID = internalInstanceToRootIDMap.get(internalInstance);\n

```

```

if (rootID === undefined) {
  throw new Error('Expected to find root ID.');
```

```

}
flushPendingEvents(rootID);
}
}
}
}
function cleanup() {
  if (oldReconcilerMethods !== null) {
    if (renderer.Component) {
      restoreMany(renderer.Component.Mixin, oldReconcilerMethods);
    } else {
      restoreMany(renderer.Reconciler, oldReconcilerMethods);
    }
  }
  oldReconcilerMethods = null;
}
function recordMount(internalInstance: InternalInstance, id: number, parentID: number) {
  const isRoot = parentID === 0;
  if (__DEBUG__) {
    console.log('%crecordMount()', 'color: green; font-weight: bold;', id, getData(internalInstance).displayName);
  }
  if (isRoot) {
    // TODO Is this right? For all versions?
    const hasOwnerMetadata = internalInstance._currentElement != null && internalInstance._currentElement._owner != null;
    pushOperation(TREE_OPERATION_ADD);
    pushOperation(id);
    pushOperation(ElementTypeRoot);
    pushOperation(0); // StrictMode compliant?
    pushOperation(0); // Profiling supported?
    pushOperation(0); // StrictMode supported?
    pushOperation(hasOwnerMetadata ? 1 : 0);
  } else {
    const type = getElementType(internalInstance);
    const {displayName, key} = getData(internalInstance);
    const ownerId = internalInstance._currentElement != null && internalInstance._currentElement._owner != null ?
      getID(internalInstance._currentElement._owner) : 0;
    const displayNameStringID = getStringID(displayName);
    const keyStringID = getStringID(key);
    pushOperation(TREE_OPERATION_ADD);
    pushOperation(id);
    pushOperation(type);
    pushOperation(parentID);
    pushOperation(ownerID);
    pushOperation(displayNameStringID);
    pushOperation(keyStringID);
  }
}
function recordReorder(internalInstance: InternalInstance, id: number, nextChildren: Array<InternalInstance>) {
  pushOperation(TREE_OPERATION_REORDER_CHILDREN);
  pushOperation(id);
  const nextChildIDs = nextChildren.map(getID);
  pushOperation(nextChildIDs.length);
  for (let i = 0; i < nextChildIDs.length; i++) {
    pushOperation(nextChildIDs[i]);
  }
}
function recordUnmount(internalInstance: InternalInstance, id: number) {
  pendingUnmountedIDs.push(id);
  idToInternalInstanceMap.delete(id);
}
function crawlAndRecordInitialMounts(id: number, parentID: number, rootID: number) {
  if (__DEBUG__) {
    console.group('crawlAndRecordInitialMounts() id:', id);
  }
  const internalInstance = idToInternalInstanceMap.get(id);
  if (internalInstance != null) {
    internalInstanceToRootIDMap.set(internalInstance, rootID);
    recordMount(internalInstance, id, parentID);
    getChildren(internalInstance).forEach(child => crawlAndRecordInitialMounts(getID(child), id, rootID));
  }
  if (__DEBUG__) {
    console.groupEnd();
  }
}
function flushInitialOperations() {
  // Crawl roots though and register any nodes that mounted before we were injected.
  const roots =
    renderer.Mount._instancesByReactRootID ||
    renderer.Mount._instancesByContainerID;
  for (const key in roots) {
    const internalInstance = roots[key];
    const id = getID(internalInstance);
    crawlAndRecordInitialMounts(id, 0, id);
    flushPendingEvents(id);
  }
  const pendingOperations: Array<number> = [];
  const pendingStringTable: Map<string, number> = new Map();
  let pendingUnmountedIDs: Array<number> = [];
  let pendingStringTableLength: number = 0;
  let pendingUnmountedRootID: number | null = null;
  function flushPendingEvents(rootID: number) {
    if (
      pendingOperations.length === 0 &&
      pendingUnmountedIDs.length === 0 &&
      pendingUnmountedRootID === null
    ) {
      return;
    }
    const numUnmountIDs =
      pendingUnmountedIDs.length +
      (pendingUnmountedRootID === null ? 0 : 1);
    const operations = new Array(
      // Identify which renderer this update is coming from.
      2 + // [rendererID, rootFiberID]
      // How big is the string table?
      1 + // [stringTableLength]
      // Then goes the actual string table.
      pendingStringTableLength +
      // All unmounts are batched in a single message.
      [TREE_OPERATION_REMOVE, removedIDLength, ...ids]
      (numUnmountIDs > 0 ? 2 + numUnmountIDs : 0) +
      // Mount operations
      pendingOperations.length
    );
    // Identify which renderer this update is coming from.
    // This enables roots to be mapped to renderers,
    // Which in turn enables fiber properations,
    // states, and hooks to be inspected.
    let i = 0;
    operations[i++] = rendererID;
    operations[i++] = rootID;
  }
}

```

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// Now fill in the string table.\n // [stringTableLength, str1Length, ...str1, str2Length, ...str2, ...]\n operations[i++]
= pendingStringTableLength;\n pendingStringTable.forEach((value, key) => {\n operations[i++] =
key.length;\n const encodedKey = utfEncodeString(key);\n for (let j = 0; j < encodedKey.length; j++) {\n
operations[i + j] = encodedKey[j];\n }\n i += key.length;\n });\n\n if (numUnmountIDs > 0) {\n // All
unmounts except roots are batched in a single message.\n operations[i++] = TREE_OPERATION_REMOVE;\n
// The first number is how many unmounted IDs we're gonna send.\n operations[i++] = numUnmountIDs;\n
// Fill in the unmounts\n for (let j = 0; j < pendingUnmountedIDs.length; j++) {\n operations[i++] =
pendingUnmountedIDs[j];\n }\n // The root ID should always be unmounted last.\n if
(pendingUnmountedRootID !== null) {\n operations[i] = pendingUnmountedRootID;\n i++;\n }\n
}\n\n // Fill in the rest of the operations.\n for (let j = 0; j < pendingOperations.length; j++) {\n operations[i +
j] = pendingOperations[j];\n }\n i += pendingOperations.length;\n\n if (__DEBUG__) {\n
printOperationsArray(operations);\n }\n\n // If we've already connected to the frontend, just pass the operations
through.\n hook.emit('operations', operations);\n\n pendingOperations.length = 0;\n pendingUnmountedIDs =
[];\n pendingUnmountedRootID = null;\n pendingStringTable.clear();\n pendingStringTableLength = 0;\n
}\n\n function pushOperation(op: number): void {\n if (__DEV__) {\n if (!Number.isInteger(op)) {\n
console.error(\n 'pushOperation() was called but the value is not an integer.',\n op,\n );\n }\n }\n
pendingOperations.push(op);\n }\n\n function getStringID(str: string | null): number {\n if (str === null) {\n
return 0;\n }\n const existingID = pendingStringTable.get(str);\n if (existingID !== undefined) {\n return
existingID;\n }\n const stringID = pendingStringTable.size + 1;\n pendingStringTable.set(str, stringID);\n //
The string table total length needs to account\n // both for the string length, and for the array item\n // that
contains the length itself. Hence + 1.\n pendingStringTableLength += str.length + 1;\n return stringID;\n }\n\n
let currentlyInspectedElementID: number | null = null;\n let currentlyInspectedPaths: Object = {};\n // Track the
intersection of currently inspected paths,\n // so that we can send their data along if the element is re-rendered.\n
function mergeInspectedPaths(path: Array<string | number>) {\n let current = currentlyInspectedPaths;\n
path.forEach(key => {\n if (!current[key]) {\n current[key] = {};\n }\n current = current[key];\n });\n
}\n\n function createIsPathAllowed(key: string) {\n // This function helps prevent previously-inspected paths from
being dehydrated in updates.\n // This is important to avoid a bad user experience where expanded toggles collapse
on update.\n return function isPathAllowed(path: Array<string | number>): boolean {\n let current =
currentlyInspectedPaths[key];\n if (!current) {\n return false;\n }\n for (let i = 0; i < path.length; i++)
{\n current = current[path[i]];\n if (!current) {\n return false;\n }\n }\n return true;\n };\n
}\n\n // Fast path props lookup for React Native style editor.\n function getInstanceAndStyle(id: number):
InstanceAndStyle {\n let instance = null;\n let style = null;\n\n const internalInstance =
idToInternalInstanceMap.get(id);\n if (internalInstance !== null) {\n instance = internalInstance._instance ||
null;\n\n const element = internalInstance._currentElement;\n if (element !== null && element.props !== null)
{\n style = element.props.style || null;\n }\n }\n\n return {\n instance,\n style,\n };\n }\n\n
function updateSelectedElement(id: number): void {\n const internalInstance = idToInternalInstanceMap.get(id);\n
if (internalInstance === null) {\n console.warn(`Could not find instance with id "${id}"`);\n return;\n }\n\n
switch (getElementType(internalInstance)) {\n case ElementTypeClass:\n global.$r =
internalInstance._instance;\n break;\n case ElementTypeFunction:\n const element =
internalInstance._currentElement;\n if (element === null) {\n console.warn(`Could not find element with id
"${id}"`);\n return;\n }\n\n global.$r = {\n props: element.props,\n type: element.type,\n
};\n break;\n default:\n global.$r = null;\n break;\n }\n }\n\n function storeAsGlobal(\n id:
number,\n path: Array<string | number>,\n count: number,\n ): void {\n const inspectedElement =
inspectElementRaw(id);\n if (inspectedElement !== null) {\n const value = getInObject(inspectedElement,
path);\n const key = `reactTemp${count}`;\n\n window[key] = value;\n\n console.log(key);\n
console.log(value);\n }\n }\n\n function copyElementPath(id: number, path: Array<string | number>): void {\n
const inspectedElement = inspectElementRaw(id);\n if (inspectedElement !== null) {\n
copyToClipboard(getInObject(inspectedElement, path));\n }\n }\n\n function inspectElement(\n requestID:

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number,\n id: number,\n path: Array<string | number> | null,\n forceFullData: boolean,\n ):
InspectedElementPayload {\n if (forceFullData || currentlyInspectedElementID !== id) {\n
currentlyInspectedElementID = id;\n currentlyInspectedPaths = {};\n }\n\n const inspectedElement =
inspectElementRaw(id);\n if (inspectedElement === null) {\n return {\n id,\n responseID: requestID,\n
type: 'not-found',\n }; \n }\n\n if (path !== null) {\n mergeInspectedPaths(path);\n }\n\n // Any time
an inspected element has an update,\n // we should update the selected $r value as wel.\n // Do this before
dehydration (cleanForBridge).\n updateSelectedElement(id);\n inspectedElement.context = cleanForBridge(\n
inspectedElement.context,\n createIsPathAllowed('context'),\n );\n inspectedElement.props =
cleanForBridge(\n inspectedElement.props,\n createIsPathAllowed('props'),\n );\n inspectedElement.state
= cleanForBridge(\n inspectedElement.state,\n createIsPathAllowed('state'),\n );\n\n return {\n id,\n
responseID: requestID,\n type: 'full-data',\n value: inspectedElement,\n }; \n }\n\n function
inspectElementRaw(id: number): InspectedElement | null {\n const internalInstance =
idToInternalInstanceMap.get(id);\n if (internalInstance === null) {\n return null;\n }\n\n const
{displayName, key} = getData(internalInstance);\n const type = getElementType(internalInstance);\n let
context = null;\n let owners = null;\n let props = null;\n let state = null;\n let source = null;\n\n const
element = internalInstance._currentElement;\n if (element !== null) {\n props = element.props;\n source =
element._source !== null ? element._source : null;\n\n let owner = element._owner;\n if (owner) {\n
owners = [];\n while (owner !== null) {\n owners.push({\n displayName:
getData(owner).displayName || 'Unknown',\n id: getID(owner),\n key: element.key,\n type:
getElementType(owner),\n });\n if (owner._currentElement) {\n owner =
owner._currentElement._owner;\n }\n }\n }\n\n const publicInstance =
internalInstance._instance;\n if (publicInstance !== null) {\n context = publicInstance.context || null;\n state =
publicInstance.state || null;\n }\n\n // Not implemented\n const errors = [];\n const warnings = [];\n\n return
{\n id,\n\n // Does the current renderer support editable hooks and function props?\n canEditHooks: false,\n
canEditFunctionProps: false,\n\n // Does the current renderer support advanced editing interface?\n
canEditHooksAndDeletePaths: false,\n canEditHooksAndRenamePaths: false,\n
canEditFunctionPropsDeletePaths: false,\n canEditFunctionPropsRenamePaths: false,\n\n // Toggle error
boundary did not exist in legacy versions\n canToggleError: false,\n isErrored: false,\n
targetErrorBoundaryID: null,\n\n // Suspense did not exist in legacy versions\n canToggleSuspense: false,\n\n
// Can view component source location.\n canViewSource: type === ElementTypeClass || type ===
ElementTypeFunction,\n\n // Only legacy context exists in legacy versions.\n hasLegacyContext: true,\n\n
displayName: displayName,\n\n type: type,\n\n key: key !== null ? key : null,\n\n // Inspectable properties.\n
context,\n hooks: null,\n props,\n state,\n errors,\n warnings,\n\n // List of owners\n
owners,\n\n // Location of component in source code.\n source,\n\n rootType: null,\n
rendererPackageName: null,\n rendererVersion: null,\n\n plugins: {\n stylex: null,\n },\n\n }\n\n\n
function logElementToConsole(id: number): void {\n const result = inspectElementRaw(id);\n if (result ===
null) {\n console.warn(`Could not find element with id \"${id}\"`);\n return;\n }\n\n const supportsGroup
= typeof console.groupCollapsed === 'function';\n if (supportsGroup) {\n console.groupCollapsed(\n
`[Click to expand] %c<${result.displayName} | 'Component' | />,\n // --dom-tag-name-color is the CSS variable
Chrome styles HTML elements with in the console.\n 'color: var(--dom-tag-name-color); font-weight:
normal;'\n );\n }\n\n if (result.props !== null) {\n console.log('Props:', result.props);\n }\n\n if (result.state
!== null) {\n console.log('State:', result.state);\n }\n\n if (result.context !== null) {\n console.log('Context:',
result.context);\n }\n\n const nativeNode = findNativeNodeForInternalID(id);\n if (nativeNode !== null) {\n
console.log('Node:', nativeNode);\n }\n\n if (window.chrome || /firefox/i.test(navigator.userAgent)) {\n
console.log(\n 'Right-click any value to save it as a global variable for further inspection.',\n );\n }\n\n if
(supportsGroup) {\n console.groupEnd();\n }\n }\n\n\n function prepareViewAttributeSource(\n id: number,\n
path: Array<string | number>,\n ): void {\n const inspectedElement = inspectElementRaw(id);\n if
(inspectedElement !== null) {\n window.$attribute = getInObject(inspectedElement, path);\n }\n }\n\n\n

```

```

function prepareViewElementSource(id: number): void {
  const internalInstance =
  idToInternalInstanceMap.get(id);
  if (internalInstance == null) {
    console.warn(`Could not find instance with
  id "${id}"`);
    return;
  }
  const element = internalInstance._currentElement;
  if (element == null) {
    console.warn(`Could not find element with id "${id}"`);
    return;
  }
  global.$type = element.type;

  function deletePath(
    type: 'context' | 'hooks' | 'props' | 'state',
    id: number,
    hookID: ?number,
    path: Array<string | number>,
  ): void {
    const internalInstance = idToInternalInstanceMap.get(id);
    if (internalInstance != null) {
      const publicInstance = internalInstance._instance;
      if (publicInstance != null) {
        switch (type) {
          case 'context':
            deletePathInObject(publicInstance.context, path);
            forceUpdate(publicInstance);
            break;
          case 'hooks':
            throw new Error('Hooks not supported by
  this renderer');
          case 'props':
            const element = internalInstance._currentElement;
            internalInstance._currentElement = {
              ...element,
              props: copyWithDelete(element.props, path),
            };
            forceUpdate(publicInstance);
            break;
          case 'state':
            deletePathInObject(publicInstance.state, path);
            forceUpdate(publicInstance);
            break;
        }
      }
    }
  }

  function renamePath(
    type: 'context' | 'hooks' | 'props' | 'state',
    id: number,
    hookID:
    ?number,
    oldPath: Array<string | number>,
    newPath: Array<string | number>,
  ): void {
    const
    internalInstance = idToInternalInstanceMap.get(id);
    if (internalInstance != null) {
      const publicInstance =
      internalInstance._instance;
      if (publicInstance != null) {
        switch (type) {
          case 'context':
            renamePathInObject(publicInstance.context, oldPath, newPath);
            forceUpdate(publicInstance);
            break;
          case 'hooks':
            throw new Error('Hooks not supported by this renderer');
          case 'props':
            const element = internalInstance._currentElement;
            internalInstance._currentElement = {
              ...element,
              props: copyWithRename(element.props, oldPath, newPath),
            };
            forceUpdate(publicInstance);
            break;
          case 'state':
            renamePathInObject(publicInstance.state,
            oldPath, newPath);
            forceUpdate(publicInstance);
            break;
        }
      }
    }
  }

  function
  overrideValueAtPath(
    type: 'context' | 'hooks' | 'props' | 'state',
    id: number,
    hookID: ?number,
    path:
    Array<string | number>,
    value: any,
  ): void {
    const internalInstance = idToInternalInstanceMap.get(id);
    if (internalInstance != null) {
      const publicInstance = internalInstance._instance;
      if (publicInstance != null) {
        switch (type) {
          case 'context':
            setInObject(publicInstance.context, path, value);
            forceUpdate(publicInstance);
            break;
          case 'hooks':
            throw new Error('Hooks not supported by
  this renderer');
          case 'props':
            const element = internalInstance._currentElement;
            internalInstance._currentElement = {
              ...element,
              props: copyWithSet(element.props, path,
              value),
            };
            forceUpdate(publicInstance);
            break;
          case 'state':
            setInObject(publicInstance.state, path, value);
            forceUpdate(publicInstance);
            break;
        }
      }
    }
  }

  // v16+ only features
  const getProfilingData = () => {
    throw new Error('getProfilingData not
  supported by this renderer');
  };
  const handleCommitFiberRoot = () => {
    throw new
    Error('handleCommitFiberRoot not supported by this renderer');
  };
  const handleCommitFiberUnmount = () => {
    throw new
    Error('handleCommitFiberUnmount not supported by this renderer');
  };
  const
  handlePostCommitFiberRoot = () => {
    throw new
    Error('handlePostCommitFiberRoot not supported by this
  renderer');
  };
  const overrideError = () => {
    throw new
    Error('overrideError not supported by this
  renderer');
  };
  const overrideSuspense = () => {
    throw new
    Error('overrideSuspense not supported by this
  renderer');
  };
  const startProfiling = () => {
    // Do not throw, since this would break a multi-root scenario
    where v15 and v16 were both present.
  };
  const stopProfiling = () => {
    // Do not throw, since this would
    break a multi-root scenario where v15 and v16 were both present.
  };

  function
  getBestMatchForTrackedPath(): PathMatch | null {
    // Not implemented.
    return null;
  }

  function
  getPathForElement(id: number): Array<PathFrame> | null {
    // Not implemented.
    return null;
  }

  function
  updateComponentFilters(componentFilters: Array<ComponentFilter>) {
    // Not implemented.
  }

  function
  setTraceUpdatesEnabled(enabled: boolean) {
    // Not implemented.
  }

  function
  setTrackedPath(path: Array<PathFrame> | null) {
    // Not implemented.
  }

  function
  getOwnersList(id:
  number): Array<SerializedElement> | null {
    // Not implemented.
    return null;
  }

  function

```

```

clearErrorsAndWarnings() {\n // Not implemented\n }\n\n function clearErrorsForFiberID(id: number) {\n //
Not implemented\n }\n\n function clearWarningsForFiberID(id: number) {\n // Not implemented\n }\n\n
function patchConsoleForStrictMode() {\n\n function unpatchConsoleForStrictMode() {\n\n return {\n
clearErrorsAndWarnings,\n clearErrorsForFiberID,\n clearWarningsForFiberID,\n cleanup,\n
copyElementPath,\n deletePath,\n flushInitialOperations,\n getBestMatchForTrackedPath,\n
getDisplaynameForFiberID,\n getFiberIDForNative: getInternalIDForNative,\n getInstanceAndStyle,\n
findNativeNodesForFiberID: (id: number) => {\n const nativeNode = findNativeNodeForInternalID(id);\n
return nativeNode == null ? null : [nativeNode];\n },\n getOwnersList,\n getPathForElement,\n
getProfilingData,\n handleCommitFiberRoot,\n handleCommitFiberUnmount,\n
handlePostCommitFiberRoot,\n inspectElement,\n logElementToConsole,\n overrideError,\n
overrideSuspense,\n overrideValueAtPath,\n renamePath,\n patchConsoleForStrictMode,\n
prepareViewAttributeSource,\n prepareViewElementSource,\n renderer,\n setTraceUpdatesEnabled,\n
setTrackedPath,\n startProfiling,\n stopProfiling,\n storeAsGlobal,\n unpatchConsoleForStrictMode,\n
updateComponentFilters,\n };}\n\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source
code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n
* @flow\n */\n\nimport Agent from './agent';\n\nimport {attach} from './renderer';\nimport {attach as attachLegacy}
from './legacy/renderer';\n\nimport type {DevToolsHook, ReactRenderer, RendererInterface} from
 './types';\n\nexport function initBackend(\n hook: DevToolsHook,\n agent: Agent,\n global: Object,\n): () => void
{\n if (hook == null) {\n // DevTools didn't get injected into this page (maybe b'c of the contentType).\n return
() => {};\n }\n\n const subs = [\n hook.sub(\n 'renderer-attached',\n ({\n id,\n renderer,\n
rendererInterface,\n }): {\n id: number,\n renderer: ReactRenderer,\n rendererInterface:
RendererInterface,\n ...}\n )) => {\n agent.setRendererInterface(id, rendererInterface);\n\n // Now
that the Store and the renderer interface are connected,\n // it's time to flush the pending operation codes to the
frontend.\n rendererInterface.flushInitialOperations();\n },\n ),\n\n hook.sub('unsupported-renderer-
version', (id: number) => {\n agent.onUnsupportedRenderer(id);\n }),\n\n hook.sub('fastRefreshScheduled',
agent.onFastRefreshScheduled),\n hook.sub('operations', agent.onHookOperations),\n hook.sub('traceUpdates',
agent.onTraceUpdates),\n\n // TODO Add additional subscriptions required for profiling mode\n ];\n\n const
attachRenderer = (id: number, renderer: ReactRenderer) => {\n let rendererInterface =
hook.rendererInterfaces.get(id);\n\n // Inject any not-yet-injected renderers (if we didn't reload-and-profile)\n if
(rendererInterface == null) {\n if (typeof renderer.findFiberByHostInstance === 'function') {\n // react-
reconciler v16+\n rendererInterface = attach(hook, id, renderer, global);\n } else if
(renderer.ComponentTree) {\n // react-dom v15\n rendererInterface = attachLegacy(hook, id, renderer,
global);\n } else {\n // Older react-dom or other unsupported renderer version\n }\n\n if
(rendererInterface != null) {\n hook.rendererInterfaces.set(id, rendererInterface);\n }\n }\n\n // Notify the
DevTools frontend about new renderers.\n // This includes any that were attached early (via
__REACT_DEVTOOLS_ATTACH__).\n if (rendererInterface != null) {\n hook.emit('renderer-attached', {\n
id,\n renderer,\n rendererInterface,\n });\n } else {\n hook.emit('unsupported-renderer-version',
id);\n }\n }\n\n // Connect renderers that have already injected themselves.\n hook.renderers.forEach((renderer,
id) => {\n attachRenderer(id, renderer);\n });\n\n // Connect any new renderers that injected themselves.\n
subs.push(\n hook.sub(\n 'renderer',\n ({id, renderer}: {id: number, renderer: ReactRenderer, ...}) => {\n
attachRenderer(id, renderer);\n },\n ),\n );\n\n hook.emit('react-devtools', agent);\n hook.reactDevtoolsAgent
= agent;\n\n const onAgentShutdown = () => {\n subs.forEach(fn => fn());\n\n hook.rendererInterfaces.forEach(rendererInterface => {\n
rendererInterface.cleanup();\n });\n\n hook.reactDevtoolsAgent = null;\n }\n\n agent.addListener('shutdown', onAgentShutdown);\n
subs.push(() => {\n agent.removeListener('shutdown', onAgentShutdown);\n });\n\n return () => {\n subs.forEach(fn => fn());\n
};}\n\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT
license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport type
{BoxStyle} from './types';\n\n/*\n * This mirrors react-native/Libraries/Inspector/resolveBoxStyle.js (but without

```



```

RTL support).\n *\n * Resolve a style property into it's component parts, e.g.\n *\n * resolveBoxStyle('margin',
{margin: 5, marginBottom: 10})\n * -> {top: 5, left: 5, right: 5, bottom: 10}\n *\n ^\nexport default function
resolveBoxStyle(\n prefix: string,\n style: Object,\n): BoxStyle | null {\n let hasParts = false;\n const result = {\n
bottom: 0,\n left: 0,\n right: 0,\n top: 0,\n };\n\n const styleForAll = style[prefix];\n if (styleForAll != null)
{\n // eslint-disable-next-line no-for-of-loops/no-for-of-loops\n for (const key of Object.keys(result)) {\n
result[key] = styleForAll;\n } \n hasParts = true;\n }\n\n const styleForHorizontal = style[prefix +
'Horizontal'];\n if (styleForHorizontal != null) {\n result.left = styleForHorizontal;\n result.right =
styleForHorizontal;\n hasParts = true;\n } else {\n const styleForLeft = style[prefix + 'Left'];\n if (styleForLeft
!= null) {\n result.left = styleForLeft;\n hasParts = true;\n }\n\n const styleForRight = style[prefix +
'Right'];\n if (styleForRight != null) {\n result.right = styleForRight;\n hasParts = true;\n }\n\n const
styleForEnd = style[prefix + 'End'];\n if (styleForEnd != null) {\n // TODO RTL support\n result.right =
styleForEnd;\n hasParts = true;\n }\n\n const styleForStart = style[prefix + 'Start'];\n if (styleForStart != null)
{\n // TODO RTL support\n result.left = styleForStart;\n hasParts = true;\n }\n }\n\n const
styleForVertical = style[prefix + 'Vertical'];\n if (styleForVertical != null) {\n result.bottom = styleForVertical;\n
result.top = styleForVertical;\n hasParts = true;\n } else {\n const styleForBottom = style[prefix + 'Bottom'];\n
if (styleForBottom != null) {\n result.bottom = styleForBottom;\n hasParts = true;\n }\n\n const
styleForTop = style[prefix + 'Top'];\n if (styleForTop != null) {\n result.top = styleForTop;\n hasParts =
true;\n }\n }\n\n return hasParts ? result : null;\n }\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n
* This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this
source tree.\n *\n * @flow\n *\n ^\n\nimport Agent from 'react-devtools-shared/src/backend/agent';\n\nimport
resolveBoxStyle from './resolveBoxStyle';\n\nimport isArray from 'react-devtools-shared/src/isArray';\n\n\nimport type
{BackendBridge} from 'react-devtools-shared/src/bridge';\n\nimport type {RendererID} from './types';\n\nimport type
{StyleAndLayout} from './types';\n\n\nexport type ResolveNativeStyle = (stylesheetID: any) => ?Object;\n\n\nexport
default function setupNativeStyleEditor(\n bridge: BackendBridge,\n agent: Agent,\n resolveNativeStyle:
ResolveNativeStyle,\n validAttributes?: $ReadOnlyArray<string> | null,\n) {\n bridge.addListener(\n
'NativeStyleEditor_measure',\n ({id, rendererID}: {id: number, rendererID: RendererID}) => {\n
measureStyle(agent, bridge, resolveNativeStyle, id, rendererID);\n },\n );\n\n bridge.addListener(\n
'NativeStyleEditor_renameAttribute',\n ({\n id,\n rendererID,\n oldName,\n newName,\n value,\n
}: {\n id: number,\n rendererID: RendererID,\n oldName: string,\n newName: string,\n value:
string,\n }) => {\n renameStyle(agent, id, rendererID, oldName, newName, value);\n setTimeout(() =>\n
measureStyle(agent, bridge, resolveNativeStyle, id, rendererID),\n );\n },\n );\n\n bridge.addListener(\n
'NativeStyleEditor_setValue',\n ({\n id,\n rendererID,\n name,\n value,\n }: {\n id: number,\n
rendererID: number,\n name: string,\n value: string,\n }) => {\n setStyle(agent, id, rendererID, name,
value);\n setTimeout(() =>\n measureStyle(agent, bridge, resolveNativeStyle, id, rendererID),\n );\n },\n
);\n\n bridge.send('isNativeStyleEditorSupported', {\n isSupported: true,\n validAttributes,\n });\n }\n\n\nconst
EMPTY_BOX_STYLE = {\n top: 0,\n left: 0,\n right: 0,\n bottom: 0,\n };\n\n\nconst
componentIDToStyleOverrides: Map<number, Object> = new Map();\n\n\nfunction measureStyle(\n agent: Agent,\n
bridge: BackendBridge,\n resolveNativeStyle: ResolveNativeStyle,\n id: number,\n rendererID: RendererID,\n)
{\n const data = agent.getInstanceAndStyle({id, rendererID});\n if (!data || !data.style) {\n bridge.send(\n
'NativeStyleEditor_styleAndLayout',\n ({\n id,\n layout: null,\n style: null,\n }):
StyleAndLayout,\n );\n return;\n }\n\n const {instance, style} = data;\n\n let resolvedStyle =
resolveNativeStyle(style);\n\n // If it's a host component we edited before, amend styles.\n const styleOverrides =
componentIDToStyleOverrides.get(id);\n if (styleOverrides != null) {\n resolvedStyle = Object.assign({},
resolvedStyle, styleOverrides);\n }\n\n if (!instance || typeof instance.measure !== 'function') {\n bridge.send(\n
'NativeStyleEditor_styleAndLayout',\n ({\n id,\n layout: null,\n style: resolvedStyle || null,\n }):
StyleAndLayout,\n );\n return;\n }\n\n // $FlowFixMe the parameter types of an unknown function are
unknown\n instance.measure((x, y, width, height, left, top) => {\n // RN Android sometimes returns undefined
here. Don't send measurements in this case.\n // https://github.com/jhen0409/react-native-

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debugger/issues/84#issuecomment-304611817\n  if (typeof x !== 'number') {\n    bridge.send(\n
'NativeStyleEditor_styleAndLayout',\n    ({\n      id,\n      layout: null,\n      style: resolvedStyle || null,\n
    }): StyleAndLayout),\n    );\n    return;\n  }\n  const margin =\n    (resolvedStyle != null &&\n    resolveBoxStyle('margin', resolvedStyle)) ||\n    EMPTY_BOX_STYLE;\n  const padding =\n    (resolvedStyle\n    != null && resolveBoxStyle('padding', resolvedStyle)) ||\n    EMPTY_BOX_STYLE;\n  bridge.send(\n    'NativeStyleEditor_styleAndLayout',\n    ({\n      id,\n      layout: {\n        x,\n        y,\n        width,\n        height,\n        left,\n        top,\n        margin,\n        padding,\n      },\n      style: resolvedStyle || null,\n    }):\n    StyleAndLayout),\n    );\n  });\n}\n\nfunction shallowClone(object: Object): Object {\n  const cloned = {};\n  for\n  (const n in object) {\n    cloned[n] = object[n];\n  }\n  return cloned;\n}\n\nfunction renameStyle(\n  agent: Agent,\n  id: number,\n  rendererID: RendererID,\n  oldName: string,\n  newName: string,\n  value: string,\n): void {\n  const\n  data = agent.getInstanceAndStyle({id, rendererID});\n  if (!data || !data.style) {\n    return;\n  }\n  const {instance,\n  style} = data;\n  const newStyle = newName\n    ? {[oldName]: undefined, [newName]: value}\n    : {[oldName]:\n  undefined};\n  let customStyle;\n  // TODO It would be nice if the renderer interface abstracted this away\n  somehow.\n  if (instance !== null && typeof instance.setNativeProps === 'function') {\n    // In the case of a host\n  component, we need to use setNativeProps().\n    // Remember to \"correct\" resolved styles when we read them next\n  time.\n    const styleOverrides = componentIDToStyleOverrides.get(id);\n    if (!styleOverrides) {\n      componentIDToStyleOverrides.set(id, newStyle);\n    } else {\n      Object.assign(styleOverrides, newStyle);\n    }\n    // TODO Fabric does not support setNativeProps; chat with Sebastian or Eli\n    instance.setNativeProps({style:\n  newStyle});\n  } else if (isArray(style)) {\n    const lastIndex = style.length - 1;\n    if (typeof style[lastIndex] ===\n  'object' && !isArray(style[lastIndex])) {\n      customStyle = shallowClone(style[lastIndex]);\n      delete\n  customStyle[oldName];\n      if (newName) {\n        customStyle[newName] = value;\n      } else {\n        customStyle[oldName] =\n  undefined;\n      }\n      agent.overrideValueAtPath({\n        type: 'props',\n        id,\n        rendererID,\n        path: ['style', lastIndex],\n        value: customStyle,\n      });\n    } else {\n      agent.overrideValueAtPath({\n        type: 'props',\n        id,\n        rendererID,\n        path: ['style'],\n        value:\n  style.concat([newStyle]),\n      });\n    } else if (typeof style === 'object') {\n      customStyle =\n  shallowClone(style);\n      delete customStyle[oldName];\n      if (newName) {\n        customStyle[newName] = value;\n      } else {\n        customStyle[oldName] =\n  undefined;\n      }\n      agent.overrideValueAtPath({\n        type: 'props',\n        id,\n        rendererID,\n        path: ['style'],\n        value: customStyle,\n      });\n    } else {\n      agent.overrideValueAtPath({\n        type: 'props',\n        id,\n        rendererID,\n        path: ['style'],\n        value: [style,\n  newStyle],\n      });\n    }\n  }\n  agent.emit('hideNativeHighlight');\n}\n\nfunction setStyle(\n  agent: Agent,\n  id:\n  number,\n  rendererID: RendererID,\n  name: string,\n  value: string,\n) {\n  const data =\n  agent.getInstanceAndStyle({id, rendererID});\n  if (!data || !data.style) {\n    return;\n  }\n  const {instance, style}\n  = data;\n  const newStyle = {[name]: value};\n  // TODO It would be nice if the renderer interface abstracted this\n  away somehow.\n  if (instance !== null && typeof instance.setNativeProps === 'function') {\n    // In the case of a\n  host component, we need to use setNativeProps().\n    // Remember to \"correct\" resolved styles when we read them\n  next time.\n    const styleOverrides = componentIDToStyleOverrides.get(id);\n    if (!styleOverrides) {\n      componentIDToStyleOverrides.set(id, newStyle);\n    } else {\n      Object.assign(styleOverrides, newStyle);\n    }\n    // TODO Fabric does not support setNativeProps; chat with Sebastian or Eli\n    instance.setNativeProps({style:\n  newStyle});\n  } else if (isArray(style)) {\n    const lastLength = style.length - 1;\n    if (typeof style[lastLength] ===\n  'object' && !isArray(style[lastLength])) {\n      agent.overrideValueAtPath({\n        type: 'props',\n        id,\n        rendererID,\n        path: ['style', lastLength, name],\n        value,\n      });\n    } else {\n      agent.overrideValueAtPath({\n        type: 'props',\n        id,\n        rendererID,\n        path: ['style'],\n        value:\n  style.concat([newStyle]),\n      });\n    } else {\n      agent.overrideValueAtPath({\n        type: 'props',\n        id,\n        rendererID,\n        path: ['style'],\n        value: [style, newStyle],\n      });\n    }\n  }\n  agent.emit('hideNativeHighlight');\n}\n\n\"/>\n\n* Copyright (c) Facebook, Inc. and its affiliates.\n*\n* This source\n  code is licensed under the MIT license found in the\n*\n* LICENSE file in the root directory of this source tree.\n*\n*\n* @flow\n*\n\nimport Agent from 'react-devtools-shared/src/backend/agent';\nimport Bridge from 'react-devtools-\n  shared/src/bridge';\nimport {installHook} from 'react-devtools-shared/src/hook';\nimport {initBackend} from 'react-

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devtools-shared/src/backend';\nimport {__DEBUG__} from 'react-devtools-shared/src/constants';\nimport
setupNativeStyleEditor from 'react-devtools-shared/src/backend/NativeStyleEditor/setupNativeStyleEditor';\nimport
{getDefaultComponentFilters} from 'react-devtools-shared/src/utils';\n\nimport type {BackendBridge} from 'react-
devtools-shared/src/bridge';\nimport type {ComponentFilter} from 'react-devtools-shared/src/types';\nimport type
{DevToolsHook} from 'react-devtools-shared/src/backend/types';\nimport type {ResolveNativeStyle} from 'react-
devtools-shared/src/backend/NativeStyleEditor/setupNativeStyleEditor';\n\nntype ConnectOptions = {\n host?:
string,\n nativeStyleEditorValidAttributes?: $ReadOnlyArray<string>,\n port?: number,\n useHttps?: boolean,\n
resolveRNStyle?: ResolveNativeStyle,\n retryConnectionDelay?: number,\n isAppActive?: () => boolean,\n
websocket?: ?WebSocket,\n ...}\n\n\ninstallHook(window);\n\nconst hook: ?DevToolsHook =
window.__REACT_DEVTOOLS_GLOBAL_HOOK__;\n\nlet savedComponentFilters: Array<ComponentFilter> =
getDefaultComponentFilters();\n\nfunction debug(methodName: string, ...args) {\n if (__DEBUG__) {\n
console.log(\n   `c[core/backend] %c${methodName}`, \n   'color: teal; font-weight: bold;', \n   'font-weight:
bold;', \n   ...args, \n );\n }\n}\n\nexport function connectToDevTools(options: ?ConnectOptions) {\n if (hook ==
null) {\n // DevTools didn't get injected into this page (maybe b'c of the contentType).\n return;\n }\n const {\n
host = 'localhost',\n nativeStyleEditorValidAttributes,\n useHttps = false,\n port = 8097,\n websocket,\n
resolveRNStyle = null,\n retryConnectionDelay = 2000,\n isAppActive = () => true,\n } = options || {};\n\n const
protocol = useHttps ? 'wss' : 'ws';\n let retryTimeoutID: TimeoutID | null = null;\n\n function scheduleRetry()
{\n if (retryTimeoutID === null) {\n // Two seconds because RN had issues with quick retries.\n
retryTimeoutID = setTimeout(\n   () => connectToDevTools(options),\n   retryConnectionDelay,\n );\n }\n }\n\n if (!isAppActive()) {\n // If the app is in background, maybe retry later.\n // Don't actually attempt to
connect until we're in foreground.\n scheduleRetry();\n return;\n }\n\n let bridge: BackendBridge | null =
null;\n\n const messageListeners = [];\n const uri = protocol + '://' + host + ':' + port;\n\n // If existing websocket is
passed, use it.\n // This is necessary to support our custom integrations.\n // See D6251744.\n const ws =
websocket ? websocket : new window.WebSocket(uri);\n ws.onclose = handleClose;\n ws.onerror =
handleFailed;\n ws.onmessage = handleMessage;\n ws.onopen = function() {\n bridge = new Bridge({\n
listen(fn) {\n messageListeners.push(fn);\n return () => {\n const index =
messageListeners.indexOf(fn);\n if (index >= 0) {\n messageListeners.splice(index, 1);\n
}\n }\n },\n send(event: string, payload: any, transferable?: Array<any>) {\n if (ws.readyState ===
ws.OPEN) {\n if (__DEBUG__) {\n debug('wall.send()', event, payload);\n }\n\n
ws.send(JSON.stringify({event, payload}));\n } else {\n if (__DEBUG__) {\n debug(\n
'wall.send()', \n 'Shutting down bridge because of closed WebSocket connection', \n );\n }\n }\n\n if (bridge !== null) {\n bridge.shutdown();\n }\n\n scheduleRetry();\n }\n }, \n });\n\n bridge.addListener(\n 'inspectElement',\n ({id, rendererID}: {id: number, rendererID: number, ...}) => {\n
const renderer = agent.rendererInterfaces[rendererID];\n if (renderer != null) {\n // Send event for RN to
highlight.\n const nodes: ?Array<HTMLElement> = renderer.findNativeNodesForFiberID(\n id,\n
);\n if (nodes != null && nodes[0] != null) {\n agent.emit('showNativeHighlight', nodes[0]);\n }\n
}\n }, \n );\n\n bridge.addListener(\n 'updateComponentFilters',\n (componentFilters:
Array<ComponentFilter>) => {\n // Save filter changes in memory, in case DevTools is reloaded.\n // In
that case, the renderer will already be using the updated values.\n // We'll lose these in between backend reloads
but that can't be helped.\n savedComponentFilters = componentFilters;\n }, \n );\n\n // The renderer
interface doesn't read saved component filters directly,\n // because they are generally stored in localStorage
within the context of the extension.\n // Because of this it relies on the extension to pass filters.\n // In the case of
the standalone DevTools being used with a website,\n // saved filters are injected along with the backend script tag
so we shouldn't override them here.\n // This injection strategy doesn't work for React Native though.\n // Ideally
the backend would save the filters itself, but RN doesn't provide a sync storage solution.\n // So for now we just
fall back to using the default filters...\n if (window.__REACT_DEVTOOLS_COMPONENT_FILTERS__ ==
null) {\n bridge.send('overrideComponentFilters', savedComponentFilters);\n }\n\n // TODO (npm-packages)
Warn if "isBackendStorageAPISupported"\n const agent = new Agent(bridge);\n agent.addListener('shutdown',

```

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() => {\n    // If we received 'shutdown' from `agent`, we assume the `bridge` is already shutting down,\n    // and that caused the 'shutdown' event on the `agent`, so we don't need to call `bridge.shutdown()` here.\n    hook.emit('shutdown');\n  });\n  initBackend(hook, agent, window);\n  // Setup React Native style editor if the environment supports it.\n  if (resolveRNStyle != null || hook.resolveRNStyle != null) {\n    setupNativeStyleEditor(\n      bridge,\n      agent,\n      ((resolveRNStyle || hook.resolveRNStyle: any): ResolveNativeStyle),\n      nativeStyleEditorValidAttributes ||\n        hook.nativeStyleEditorValidAttributes ||\n        null,\n    );\n  } else {\n    // Otherwise listen to detect if the environment later supports it. // For example, Flipper does not eagerly inject these values. // Instead it relies on the React Native Inspector to lazily inject them.\n    let lazyResolveRNStyle;\n    let lazyNativeStyleEditorValidAttributes;\n    const initAfterTick = () => {\n      if (bridge !== null) {\n        setupNativeStyleEditor(\n          bridge,\n          agent,\n          lazyResolveRNStyle,\n          lazyNativeStyleEditorValidAttributes,\n        );\n      }\n    };\n    if (!hook.hasOwnProperty('resolveRNStyle')) {\n      Object.defineProperty(\n        hook,\n        'resolveRNStyle',\n        ({\n          enumerable: false,\n          get() {\n            return lazyResolveRNStyle;\n          },\n          set(value) {\n            lazyResolveRNStyle = value;\n            initAfterTick();\n          },\n        }): Object,\n      );\n    }\n    if (!hook.hasOwnProperty('nativeStyleEditorValidAttributes')) {\n      Object.defineProperty(\n        hook,\n        'nativeStyleEditorValidAttributes',\n        ({\n          enumerable: false,\n          get() {\n            return lazyNativeStyleEditorValidAttributes;\n          },\n          set(value) {\n            lazyNativeStyleEditorValidAttributes = value;\n            initAfterTick();\n          },\n        }): Object,\n      );\n    }\n  };\n  function handleClose() {\n    if (__DEBUG__) {\n      debug('WebSocket.onclose');\n    }\n    if (bridge !== null) {\n      bridge.emit('shutdown');\n    }\n    scheduleRetry();\n  }\n  function handleFailed() {\n    if (__DEBUG__) {\n      debug('WebSocket.onerror');\n    }\n    scheduleRetry();\n  }\n  function handleMessage(event) {\n    let data;\n    try {\n      if (typeof event.data === 'string') {\n        data = JSON.parse(event.data);\n        if (__DEBUG__) {\n          debug('WebSocket.onmessage', data);\n        }\n      } else {\n        throw Error();\n      }\n    } catch (e) {\n      console.error(\n        '[React DevTools] Failed to parse JSON: ' +\n        (event.data: any),\n      );\n      return;\n    }\n    messageListeners.forEach(fn => {\n      try {\n        fn(data);\n      } catch (error) {\n        // jsc doesn't play so well with tracebacks that go into eval'd code, // so the stack trace here will stop at the `eval` call. Getting the // message that caused the error is the best we can do for now.\n        console.log('[React DevTools] Error calling listener', data);\n        console.log('error:', error);\n        throw error;\n      }\n    });\n  }\n}

```

Found in path(s):

* /opt/cola/permits/1287718422_1647270843.85/0/react-devtools-core-4-23-0-tgz/package/dist/backend.js.map

No license file was found, but licenses were detected in source scan.

```

{"version":3,"sources":["webpack://[name]/webpack/bootstrap","webpack://[name]/Users/bvaughn/Documents/git/react.devtools/build/oss-experimental/react/index.js","webpack://[name]/../react-devtools-shared/src/constants.js","webpack://[name]/Users/bvaughn/Documents/git/react.devtools/node_modules/css-loader/lib/css-base.js","webpack://[name]/Users/bvaughn/Documents/git/react.devtools/node_modules/style-loader/lib/addStyles.js","webpack://[name]/../react-devtools-timeline/src/EventTooltip.css?c044","webpack://[name]/../react-devtools-shared/src/devtools/views/Settings/SettingsShared.css?6af0","webpack://[name]/../react-devtools-shared/src/devtools/views/ErrorBoundary/shared.css?ad1d","webpack://[name]/../react-devtools-shared/src/config/DevToolsFeatureFlags.core-oss.js","webpack://[name]/../react-devtools-shared/src/devtools/views/Components/InspectedElementSharedStyles.css?1a53","webpack://[name]/../react-devtools-shared/src/devtools/views/Profiler/SidebarCommitInfo.css?1f8d","webpack://[name]/../react-devtools-shared/src/devtools/views/Components/KeyValue.css?519b","webpack://[name]/Users/bvaughn/Documents/git/react.devtools/build/oss-experimental/react-dom/index.js","webpack://[name]/Users/bvaughn/Documents/git/react.devtools/node_modules/clipboard-

```

js/clipboard.js", "webpack://[name]/../react-devtools-
shared/src/devtools/views/Components/InspectedElementHooksTree.css?e303", "webpack://[name]/../react-devtools-
shared/src/devtools/views/Profiler/Profiler.css?10e5", "webpack://[name]/../react-devtools-
shared/src/devtools/views/Profiler/SnapshotCommitList.css?3181", "webpack://[name]/../react-devtools-
shared/src/devtools/views/Components/Element.css?9a70", "webpack://[name]/../react-devtools-
timeline/src/Timeline.css?729c", "webpack://[name]/../react-devtools-
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shared/src/devtools/views/Components/InspectedElementView.css?0df2", "webpack://[name]/../react-devtools-
shared/src/devtools/views/TabBar.css?28f1", "webpack://[name]/../react-devtools-
shared/src/devtools/views/Profiler/WhatChanged.css?e3fd", "webpack://[name]/Users/bvaughn/Documents/git/react
.devtools/build/oss-experimental/react-is/index.js", "webpack://[name]/../react-devtools-
shared/src/devtools/views/Components/OwnersStack.css?7498", "webpack://[name]/../react-devtools-
shared/src/devtools/views/Components/Tree.css?e421", "webpack://[name]/../react-devtools-
shared/src/devtools/views/UnsupportedBridgeProtocolDialog.css?9085", "webpack://[name]/../react-devtools-
shared/src/devtools/views/Components/NativeStyleEditor/LayoutViewer.css?704e", "webpack://[name]/../react-
devtools-
shared/src/devtools/views/Components/NativeStyleEditor/StyleEditor.css?15a7", "webpack://[name]/../react-
devtools-
shared/src/Logger.js", "webpack://[name]/Users/bvaughn/Documents/git/react.devtools/node_modules/tabbable/inde
x.js", "webpack://[name]/../react-devtools-shared/node_modules/semver/semver.js", "webpack://[name]/../react-
devtools-shared/src/devtools/views/SearchInput.css?061f", "webpack://[name]/../react-devtools-
shared/src/devtools/views/Components/InspectedElementErrorsAndWarningsTree.css?ab77", "webpack://[name]/../r
eact-devtools-shared/src/devtools/views/Profiler/SidebarSelectedFiberInfo.css?0cf0", "webpack://[name]/../react-
devtools-shared/src/devtools/views/Components/Components.css?65ae", "webpack://[name]/../react-devtools-
shared/src/devtools/views/Profiler/SnapshotSelector.css?80db", "webpack://[name]/../react-devtools-
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name]/../react-devtools-shared/src/hookNamesCache.js", "webpack://[name]/external
\\path\\", "webpack://[name]/Users/bvaughn/Documents/git/react.devtools/node_modules/pretty-
ms/index.js", "webpack://[name]/../react-devtools-
shared/src/devtools/views/ModalDialog.css?06fc", "webpack://[name]/../react-devtools-
shared/src/devtools/views/Settings/SettingsModal.css?047a", "webpack://[name]/external
\\fs\\", "webpack://[name]/../react-devtools-shared/src/devtools/views/Toggle.css?0121", "webpack://[name]/../react-
devtools-shared/src/devtools/views/Profiler/ChartNode.css?80c6", "webpack://[name]/../react-devtools-
shared/src/devtools/views/Profiler/HoveredFiberInfo.css?6d5b", "webpack://[name]/../react-devtools-
shared/src/devtools/views/Profiler/ProfilingImportExportButtons.css?b5fb", "webpack://[name]/../react-devtools-
shared/src/devtools/views/Profiler/Updaters.css?ab2e", "webpack://[name]/node_modules/ws/lib/permessage-
deflate.js", "webpack://[name]/node_modules/ws/lib/buffer-
util.js", "webpack://[name]/Users/bvaughn/Documents/git/react.devtools/node_modules/prop-
types/index.js", "webpack://[name]/Users/bvaughn/Documents/git/react.devtools/node_modules/@elg/speedscope/d
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IAAI,GAAG,EAAGC,EAAEhR,EAAEk9C,MAAMIsC,GAAG,CAAC,GAAGA,IAAIrP,EAAE,CAACoP,GAAG,EAAGpP,EAAE3B,EAAE4B,EAAE+O,EAAE,MAAM,GAAGK,IAAIpP,EAAE,CAACmP,GAAG,EAAGnP,EAAE5B,EAAE2B,EAAEgP,EAAE,MAAMK,EAAEA,EAAEmsC,QAAQ,IAAIpsC,EAAE,CAAC,IAAIC,EAAEL,EAAEusC,MAAMIsC,GAAG,CAAC,GAAGA,IAC5frP,EAAE,CAACoP,GAAG,EAAGpP,EAAEgP,EAAE/O,EAAE5B,EAAE,MAAM,GAAGgR,IAAIpP,EAAE,CAACmP,GAAG,EAAGnP,EAAE+O,EAAEhP,EAAE3B,EAAE,MAAMgR,EAAEA,EAAEmsC,QAAQ,IAAIpsC,EAAE,MAAMtH,MAAMrH,EAAE,OAAQ,GAAGT,EAAE+6C,YAAY96C,EAAE,MAAM6H,MAAMrH,EAAE,MAAO,GAAG,IAAIT,EAAEmyC,IAAI,MAAMrQc,MAAMrH,EAAE,MAAM,OAAOT,EAAE45C,UAAU/P,UAAU7pC,EAAE00,EAAEC,EAAmB8sC,CAAG/sC,IAA8B,SAASgtC,EAAAGhtC,GAAG,GAAG,IAAIA,EAAEjC,KAAK,IAAIzjC,EAAEjC,IAAI,OAAOzjC,EAAE,IAAIA,EAAEA,EA AE6sC,MAAM,OAAO7sC,GAAG,CAAC,IAAIC,EAAE+sC,EAAAGhtC,GAAG,GAAG,OAAOC,EAAE,OAAOA,EAAED,EAAEA,EAAE8sC,QAAQ,OAAO,KAAxIE,CAAGhtC,GAAG,KACpP,IAAIitC,GAAGIN,EAAGmN,0BAA0BC,GAAGpN,EAAGqN,wBAAwBC,GAAGtN,EAAGuN,qBAaQBC,GAAGxN,EAAGyN,sBAAsB/S,GAAGEsF,EAAG0N,aAAaC,GAAG3N,EAAG4N,iCAaIC,GAAG7N,EAAG8N,2BAA2BC,GAAG/N,EAAGgO,8BAA8BC,GAAGjO,EAAGkO,wBAAwBC,GAAGnO,EAAGoO,qBAaQbZrB,GAAGqd,EAAGqO,sBAAsBC,GAAG,KAAKC,GAAG,KACvV,IAAIC,GAAGz4B,KAAK04B,MAAM14B,KAAK04B,MAAiC,SAAYxuC,GAAU,OAAO,KAAAdA,KAAK,GAAG,GAAG,IAAIyuC,GAAGzuC,GAAG0uC,GAAG,GAAG,GAA9ED,GAAG34B,KAAKpU,IAAIgtC,GAAG54B,KAAK64B,IAA4D,IAAIC,GAAG,GAAGC,GAAG,QAC7H,SAASC,GAAG9uC,GAAG,OAAOA,GAAGA,GAAG,KAAK,EAAE,OAAO,EAAE,KAAK,EAAE,OAAO,EAAE,KAAK,EAAE,OAAO,EAAE,KAAK,EAAE,OAAO,EAAE,KAAK,GAAG,OAAO,GAAG,KAAK,GAAG,OAAO,GAAG,KAAK,GAAG,KAAK,IAAI,KAAK,IAAI,KAAK,IAAI,KAAK,KAAK,KAAK,KAAK,KAAK,KAAK,KAAK,KAAK,KAAK,MAAM,KAAK,MAAM,KAAK,MAAM,KAAK,OAAO,KAAK,OAAO,KAAK,OAAO,KAAK,QAAQ,KAAK,QAAQ,OAAS,QAafa,EA AU,KAAK,QAAQ,KAAK,QAAQ,KAAK,SAAS,KAAK,SAAS,KAAK,SAAS,OAAS,UAAFA,EAAY,KAAK,UAAU,OAAO,UAAU,KAAK,UAAU,OAAO,UAAU,KAAK,UAAU,OAAO,UAAU,KAAK,WAAW,OAAO,WACzgB,QAAQ,OAAOA,GAAG,SAAS+uC,GAAG/uC,EAAEC,GAAG,IAAI3O,EAAE00,EAAEgvC,aAAa,GAAG,IAAI19C,EAAE,OAAO,EAAE,IAAIC,EAAE,EAAE5B,EAAEjq,EAAEivC,eAAe3uC,EAaEN,EAAEkvC,YAAYxuC,EA AI,UAAFPp,EAAY,GAAG,IAAIoP,EAAE,CAAC,IAAIC,EAAED,GAAG/Q,EAAE,IAAIgR,EAAEpP,EA AEu9C,GAAGnuC,GAAS,KAALL,GAAGI,KAAUnP,EA AEu9C,GAAGxuC,SAAiB,KAAPI,EAAEpP,GAAG3B,GAAQ4B,EA AEu9C,GAAGpuC,GAAG,IAAIJ,IAAI/O,EA AEu9C,GAAGxuC,IAAI,GAAG,IAAI/O,EAAE,OAAO,EAAE,GAAG,IAAI0O,GAAGA,IAAI1O,GAAG,IAAK0O,EAAEtQ,MAAKA,EAAE4B,GAAGA,KAAE+O,EA AEL,GAAGA,IAAQ,KAAKtQ,GAAG,IAAO,QAAf2Q,IAAY,OAAOL,EAA0C,GAAxC,IAAO,EA AF1O,KAAOA,GAAG,GAAGD,GAA4B,KAAtB2O,EAAED,EAAEmvC.gBAAwB,IAAIInvC,EAAEA,EAAEovC,cAAcnvC,GAAG1O,EAAE,EAAE00,GAActQ,EAAE,IAAb2B,EAAE,GAAGi9C,GAAGtuC,IAAU1O,GAAGyO,EAAE1O,GAAG2O,IAAIItQ,EAAE,OAAO4B,EACtc,SAAS89C,GAAGrvC,EAAEC,GAAG,OAAOD,GAAG,KAAK,EAAE,KAAK,EAAE,KAAK,EAAE,OAAOC,EAAE,IAAI,KAAK,EAAE,KAAK,GAAG,KAAK,GAAG,KAAK,GAAG,KAAK,IAAI,KAAK,IAAI,KAAK,IAAI,KAAK,KAAK,KAAK,KAAK,KAAK,KAAK,KAAK,KAAK,MAAM,KAAK,MAAM,KAAK,MAAM,KAAK,OAAO,KAAK,OAAO,KAAK,OAAO,KAAK,QAAQ,KAAK,QAAQ,OAAOA,EAAE,IAAI,KAAK,QAAQ,KAAK,QAAQ,KAAK,SAAS,KAAK,SAAS,KAAK,SAAS,OAAO,EAAE,KAAK,UAAU,KAAK,UAAU,KAAK,UAAU,KAAK,WAAoB,QAAQ,OAAO,GACnN,SAASqvC,GAAGtvC,GAAgC,OAAO,KAApCA,GAAGb,WAAhBA,EAAEgvC,cAAAsChvC,EA AI,WAAFA,EAaA,WAAW,EAAE,SAASuvC,GAAGvC,GAAG,IAAI,IAAIC,EAAE,GAAG3O,EAAE,EAAE,GAAGA,EAAEA,IAAI2O,EAAEIQ,KAAKiQ,GAAG,OA AOC,EAAE,SAASuvC,GAAGxvC,EAAEC,EAAE3O,GAAG0O,EAAEgvC,cAAc/uC,EAAE,YAAYA,IAAID,EA AEivC,eAAe,EAAEjvC,EAAEkvC,YAAY,IAAGlvC,EAAEA,EAAEyvC,YAAWxvC,EAAE,GAAGsuC,GAAGtuC,IAAQ3O,EACnN,SAASo+C,GAAG1vC,EAAEC,GAAG,IAAI3O,EAAE0O,EAAEmvC.gBAAGBlvC,EAAE,IA AID,EAAEA,EAAEovC,cAAc99C,GAAG,CAAC,IAAIC,EAAE,GAAGg9C,GAAGj9C,GAAG3B,EAAE,GAAG4B,EAAE5B,EAAEsQ,EAAED,EAAEzO,GAAG0O,IAAID,EAAEzO,IAAI0O,GAAG3O,IAAI3B,GAAG,IAAI+qC,GAAE,EAAE,SAASiv,GAAG3vC,EAAEC,GAAG,IAAI3O,EAAEopC,GAAE,IAAI,OAAOA,GAAE16B,EAAEC,IAAf,QAA2By6B,GAAEppC,GACtc,SAASs+C,GAAG5vC,GAAS,OAAO,GAAbA,IAAIA,GAAa,EAAEA,EA AE,IAAO,UAAFA,GAAa,GAAG,UAAU,EAAE,EAAE,IAAI6vC,GAAGC,GAAGC,GAAGC,GAAGC,GAAGC,I

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AAE27D,cAAcpY,GAAGmY,GAAGjpE,KAAK,KAAKuN,GAAGC,GAAG,MAAMy7D,GAAG17D,GAAG,MAAM,KAAK,EAAU,GAARq6D,GAAGr6D,EAAEzO,IAAS,QAAFA,KAAaA,EAAE,MAAqB,IAAf0O,EAAED,EAAYvC,WAAe9/C,GAAG,EAAE,EAAE4B,GAAG,CAAC,IAAImp,EAAE,GACpf6tC,GAAGh9C,GAAG+O,EAAE,GAAGI,GAAEA,EAAET,EAAES,IAAK/Q,IAAIA,EAAE+Q,GAAGnP,IAAI+O,EAAsg,GAAGp/O,EAAE5B,EAAG,IAA3F4B,GAAG,KAAXA,EAAEkpC,KAAlpC,GAAW,IAAI,IAAIA,EAAE,IAAI,KAAKA,EAAE,KAAK,KAAKA,EAAE,KAAK,IAAIA,EAAE,IAAI,KAAKA,EAAE,KAAK,KAAKwnE,GAAGxnE,EAAE,OAAOA,GA AU,CAACyO,EAAE27D,cAAcpY,GAAGmY,GAAGjpE,KAAK,KAAKuN,GAAGzO,GAAG,MAAMmqE,GAAG 17D,GAAG,MAAM,KAAK,EAAE07D,GAAG17D,GAAG,MAAM,QAAQ,MAAM5G,MAAMrH,EAAE,OAAkB, OAAVuoE,GAAGt6D,EAAEy6B,MAAYz6B,EAAEu6D,eAAejpE,EAAEypE,GAAGtoE,KAAK,KAAKuN,GAA G,KAAK,SAASs7D,GAAGt7D,EAAEC,GAAG,IAAI3O,EAAEwqC,GAAEA,IAAG,EAAE97B,EAAEsxC,eAAet xC,EAAEsxC,cAAa,GAAI,IAAI,IAAI//C,EAAE5B,EAAE,EAAE,GAAGA,IAAc,KAAY4B,EAAE0pE,GAAGj7D ,EAAEC,KAAU,IAAI5D,IAAI5pE,KAAS,OAAJmsC,GAAExqC,EAASC,EAEPb,SAAS8oE,GAAGr6D,EAAEC, GAAuD,IAApDA,IAAIu5D,GAAGv5D,IAAIq5D,GAAGt5D,EAAEivC,gBAAgBhvC,EAAED,EAAEkvC,cAAcjb C,EAAMD,EAAEA,EAAEw6D,gBAAgB,EAAEv6D,GAAG,CAAC,IAAI3O,EAAE,GAAGi9C,GAAGtuC,GAAG 1O,EAAE,GAAGD,EAAE0O,EAAE1O,IAAI,EAAE2O,IAAI1O,GAAG,SAASpE,GAAG76D,GAAG,GAAG,IA AO,EAAF87B,IAAK,MAAM1iC,MAAMrH,EAAE,MAAMipE,KAAK,IAAI/6D,EAAE8uC,GAAG/uC,EAAE,GA AG,GAAG,IAAO,EAAFC,GAAK,OAAOq6D,GAAGt6D,EAAEy6B,MAAK,KAAK,IAAImpC,EAAE2pE,GAAGj 7D,EAAEC,GAAG,GAAG,IAAID,EAAEyjC,KAAK,IAAImpC,EAAE,CAAC,IAAIC,EAAE+9C,GAAGtvC,GAA G,IAAIzO,IAAI0O,EAAE1O,EAAED,EAAEgqE,GAAGt7D,EAAEzO,IAAI,GAAG,IAAID,EAAE,MAAMA,EA AE+nE,GAAG8B,GAAGn7D,EAAE,GAAGq6D,GAAGr6D,EAAEC,GAAGq6D,GAAGt6D,EAAEy6B,MAAKnp C,EAAuE,OAArE0O,EAAEw7D,aAAax7D,EAAEm7B,QAAQkR,UAAUrsC,EAAEy7D,cAAcx7D,EAAEy7D,GA AG17D,GAAGs6D,GAAGt6D,EAAEy6B,MAAY,KACHb,SAASmhC,GAAG57D,EAAEC,GAAG,IAAI3O,EAAE wqC,GAAEA,IAAG,EAAE,IAAI,OAAO97B,EAAEC,GAAb,QAA4B,KAAJ67B,GAAExqC,KAAUooE,KAAK/T, IAAIG,OAAO,SAASpD,GAAGsF,GAAG,OAAO65D,IAAI,IAAIA,GAAGp2B,KAAK,IAAO,EAAF3H,KAAmk/ B,KAAK,IAAI/6D,EAAE67B,GAAEA,IAAG,EAAE,IAAIxqC,EAAE4nE,GAAG38B,WAAWhrC,EAAEmpC,GA AE,IAAI,GAAGw+B,GAAG38B,WAAW,EAAE7B,GAAE,EAAE16B,EAAE,OAAOA,IAApC,QAAgD06B,GAA EnpC,EAAE2nE,GAAG38B,WAAWjrC,EAAM,IAAO,GAAXwqC,GAAE77B,KAAa6ID,MAAM,SAAS6O,KAA KC,GAAGW,GAAGp6B,QAAQH,GAAEu6B,IACpS,SAAS4F,GAAGn7D,EAAEC,GAAGD,EAAEw7D,aAAa,K AAKx7D,EAAEy7D,cAAc,EAAE,IAAImpE,EAAE0O,EAAE27D,cAAiD,IAAIC,IAAIrqE,IAAI0O,EAAE27D,eA Ae,EAAEnY,GAAGlyD,IAAO,OAAO6nE,GAAE,IAAI7nE,EAAE6nE,GAAE7sB,OAAO,OAAOh7C,GAAG,CA AC,IAAIC,EAAED,EAAE3B,EAAEypE,GAAQ,OAAAN3O,GAAGI5D,GAAUA,EAAEkyC,KAAK,KAAK,EAA6 B,OAA3BlyC,EAAEA,EAAE+I,KAAK4qD,oBAAwCC,KAAK,MAAM,KAAK,EAAE2I,GAAGv8D,EAAE25C, UAAUv7C,GAAG42D,GAAGpqB,IAAGywB,KAAK5xB,GAAE2pB,IAAI3pB,GAAEgB,IAAGkxB,KAAK,MAA M,KAAK,EAAEJ,GAAGv7D,GAAG,MAAM,KAAK,EAAEg7D,KAAK,MAAM,KAAK,GAAc,KAAK,GAAG5x B,GAAEkB,IAAG,MAAM,KAAK,GAAGqqB,GAAGh1D,EAAE+I,KAAKmjC,UAAU,MAAM,KAAK,GAAG,K AAK,GAAGk3B,KAAK,OAAOpjE,EAAEu1D,aAAaqH,KAAK,MAAM,KAAK,GAAG5H,GAAGpqB,IAAG7qC, EAAEA,EAAEg7C,OACpb,GAD2bzQ,GAAE77B,EAAEm5D,GACnfrN,GAAG9rD,EAAEm7B,QAAQ,MAAMi+ B,GAAExE,GAAG30D,EAAEo0D,GAAE,EAAEgF,GAAG,KAAKG,GAAGD,GAAGD,GAAGhR,GAAG,EAAG, OAAOhB,GAAG,CAAC,IAAItnD,EAAE,EAAEA,EAAEsnD,GAAGp2D,OAAO8O,IAAI,GAA2B,QAAhB1O,G AAR2O,EAAEgnD,GAAGtnD,IAAO4nD,aAAaqB,CAAyC,GAAxC3nD,EAAE2nD,YAAY,KAAKr2D,EAAED,E AAEggB,KAAoB,QAAf3hB,EAAEsQ,EAAE+mD,SAAoB,CAAC,IAAI1mD,EAAE3Q,EAAE2hB,KAAK3hB,EA AE2hB,KAAK/f,EAAED,EAAEggB,KAAKhR,EAAEL,EAAE+mD,QAAQ11D,EAAEg2D,GAAG,MACIO,SAAS +T,GAAGr7D,EAAEC,GAAG,OAAE,CAAC,IAAI3O,EAAE6nE,GAAE,IAAuB,GAAnB9S,KAAKgl,GAAGlzB, QAAQ8zB,GAAMR,GAAG,CAAC,IAAI,IAAI9D,EAAEgU,GAAEknC,cAAc,OAAO17C,GAAG,CAAC,IAAI5B, EAAE4B,EAAE89D,MAAM,OAAO1/D,IAAIA,EAAEg3D,QAAQ,MAAMz1D,EAAEA,EAAE+f,KAAKm9C,IA AG,EAA+C,GAA5CF,GAAG,EAAEjyB,GAAEkyB,GAAGjpD,GAAE,KAAKmpD,IAAG,EAAGC,GAAG,EAAE sK,GAAG99B,QAAQ,KAAQ,OAAO7pC,GAAG,OAAOA,EAAEg7C,OAAO,CAAC+nB,GAAE,EAAEgF,GAAG p5D,EAAEk5D,GAAE,KAAK,MAAMn5D,EAAE,CAAC,IAAIM,EAAEN,EAAEU,EAAEpP,EAAEg7C,OAAO3r

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C,EAAiBC,EAAoBF,EAAU7yC,GACnD,GAAI8yC,EAAGB,CACIB,GAAIA,IAAmBE,EAakB,SACzC,OAAOF,GAIX,GAAuB,SAAnB9yC,EAAQrQ,OAGVqQ,EAAQzC,KAAOjzC,EAAQkzC,MAAQlzC,EAAQxB,SAEIC,GA AuB,UAA nBwB,EAAQrQ,OAAoB,CACrC,GAnNqB,mBA mNjBi/B,EA EF,MADAA,EAjNc,YAkNR5uB,EAA QxB,IAGhBwB,EAAQmzC,kBA AkBnzC,EAAQxB,SAEN,WAA nBwB,EAAQrQ,QACjBqQ,EAAQozC,OAAO,S AAUpzC,EAAQxB,KAGnCowB,EA5NkB,YA8NIB,IAAI/2C,EAASw7D,EAASjB,EAASnrD,EAAM+Y,GACrC, GAAoB,WAAhBnoB,EAAO9X,KAAmB,CAO5B,GAJA6uD,EAAQ5uB,EAAQtmB,KAjOA,YAFK,iBAuOjB7B, EAAO2mB,MAAQw0C,EACjB,SAGF,MAAO,CAClr7E,MAAOkgB,EAAO2mB,IACd9kB,KAAMsmB,EAAQt mB,MAGS,UAAhB7B,EAAO9X,OACH6uD,EA/OgB,YAkPhB5uB,EAAQrQ,OAAS,QACjBqQ,EAAQxB,IAA M3mB,EAAO2mB,OA9QP80C,CAAiBIB,EAASnrD,EAAM+Y,GAE7CyyC,EAcT,SAASY,EAAS/2E,EAAIIE,EA AKi+B,GACzB,IACE,MAAO,CAAEz+B,KAAM,SAAUy+B,IAAKliC,EAAGnH,KAAKoL,EAAKi+B,IAC3C,M AAOtoC,GACP,MAAO,CAAE6J,KAAM,QAASy+B,IAAKtoC,IAhBjCpB,EAAQq9E,KAAOA,EAoBf,IAOIa,EA AmB,GAMvB,SAASR,KACT,SAASE,KACT,SAASC,KAIT,IAAIC,EAAoB,GACxBA,EAakB1B,GAakB,WACI C,OAAO52E,MAGT,IAAIu4E,EAAWt8E,OAAOu8E,eACIBC,EAA0BF,GAAYA,EAASA,EAASvvD,EAAO,MA C/DyvD,GACAA,IAA4BhC,GAC5BC,EAAO18E,KAAKy+E,EAAYb7B,KAGvC0B,EAAoBG,GAGtB,IAAIC,EA AKL,EAA2B17E,UACICk6E,EAAUI6E,UAAyIB,OAAOY,OAAOy7E,GAWtC,SAASK,EAASbX7E,GAC7B,CA AC,OAAQ,QAAS,UAAU+H,SAAQ,SAASsvB,GAC3CrF,EAAOhyB,EAAWq3B,GAAQ,SAAS6O,GACjC,OAA OrjC,KAAKw3E,QAAQhjD,EAAQ6O,SAkCIC,SAASu1C,EAActB,EAAWuB,GAGChC,IAAIC,EAAGCj94E,KAA Kw3E,QA9BL,SAAiBhjD,EAAQ6O,GACvB,SAAS01C,IACP,OAAO,IAAIF,GAAY,SAASr+E,EAASC,IAnC7C, SAASu+E,EAAOxkD,EAAQ6O,EAAK7oC,EAASC,GACpC,IAAIiB,EAASw7D,EAASZ,EAAU9iD,GAAS8iD,EA AWj0C,GACpD,GAAoB,UAAhB3mB,EAAO9X,KA EJ,CACL,IAAIW,EAASmX,EAAO2mB,IACHb7mC,EAA Q+I,EAAO/I,MACnB,OAAIA,GACiB,iBAAVA,GACPk6E,EAAO18E,KAAKwC,EAAO,WACdq8E,EAAYr+E,Q AAQgC,EAAMy8E,SAASluE,MAAK,SAASvO,GACtDw8E,EAAO,OAAQx8E,EAAOhC,EAASC,MAC9B,SAA SM,GACVi+E,EAAO,QAASj+E,EAAKP,EAASC,MAI3Bo+E,EAAYr+E,QAAQgC,GAAOuO,MAAK,SAASmuE ,GAI9C3zE,EAAO/I,MAAQ08E,EACf1+E,EAAQ+K,MACP,SAAS4C,GAGV,OAAO6wE,EAAO,QAAS7wE,EA AO3N,EAASC,MAvBzCA,EAAOiiB,EAAO2mB,KAIcZ21C,CAAOxkD,EAAQ6O,EAAK7oC,EAASC,MAIjC,O AAOq+E,EAaLA,EAakBA,EAAGb/tE,KACHCguE,EAGAA,GACEA,KAKHV,SAASnB,EAAoBF,EAAU7yC,GA CrC,IAAIrQ,EAASKjD,EAAS3uD,SAAS8b,EAAQrQ,QACvC,QA1TE9vB,IA0TE8vB,EAASb,CAKxB,GAFaqQ, EAAQ6yC,SAAW,KA EI,UAA nB7yC,EAAQrQ,OAAoB,CAE9B,GAAIkjD,EAAS3uD,SAAT,SAGF8b,EAAQrQ, OAAS,SACjBqQ,EAAQxB,SArUZ3+B,EASuIkzE,EAAoBF,EAAU7yC,GAEP,UAA nBA,EAAQrQ,QAGV,OAA OqjD,EAIXhZC,EAAQrQ,OAAS,QACjBqQ,EAAQxB,IAAM,IAAI74B,UACHb,kDAGJ,OAAOqtE,EAGT,IAAI n7D,EAASw7D,EAAS1jD,EAAQkjD,EAAS3uD,SAAU8b,EAAQxB,KA EZD,GAAoB,UAAhB3mB,EAAO9X,KAI T,OAHAigC,EAAQrQ,OAAS,QACjBqQ,EAAQxB,IAAM3mB,EAAO2mB,IACrBwB,EAAQ6yC,SAAW,KACZG ,EAGT,IAAI1F,EAAOz1D,EAAO2mB,IAEIB,OAAM8uC,EA OFA,EA AK5zD,MAGPsmB,EAAQ6yC,EAASyB,Y AAchH,EA AK31E,MAGpCqoC,EAAQjpB,KAAO87D,EAAS0B,QAQD,WAA nBv0C,EAAQrQ,SACVqQ,EAAQr Q,OAAS,OACjBqQ,EAAQxB,SazXV3+B,GAmYFmgC,EAAQ6yC,SAAW,KACZG,GANE1F,GA3BPtC,EAAQ rQ,OAAS,QACjBqQ,EAAQxB,IAAM,IAAI74B,UAAU,oCAC5Bq6B,EAAQ6yC,SAAW,KACZG,GAoDX,SAAS wB,EAAaC,GACpB,IAAIC,EAAQ,CAAEc,OAAQF,EA AK,IAEvB,KAAKA,IACPC,EAAME,SAAWH,EA AK,I AGpB,KAAKA,IACPC,EAAMG,WAAaJ,EA AK,GACxBC,EAAMI,SAAWL,EA AK,IAGxBt5E,KAAK45E,WAA Wv/E,KAAKk/E,GAGvB,SAASM,EAACn,GACrB,IAAI78D,EAAS68D,EAAMO,YAAc,GACjCp9D,EAAO9X,K AAO,gBACP8X,EAAO2mB,IACdk2C,EAAMO,WAAap9D,EAGrB,SAAS66D,EAAQJ,GAIfn3E,KAAK45E,WA Aa,CAAC,CAAEJ,OAAQ,SAC7BrC,EAAYjyE,QAAQm0E,EAACr5E,MACICA,KAAK4iB,OAAM,GA8Bb,SAA SoG,EAAO+wD,GACd,GAAIA,EAAU,CACZ,IAAIC,EAAiBD,EAASnD,GAC9B,GAAIoD,EACF,OAAOA,EAA ehgF,KAAK+/E,GAG7B,GAA6B,mBAIBA,EAASn+D,KACIB,OAAOm+D,EAGT,IAAKlrE,MAAMkrE,EAAS v+E,QAAS,CAC3B,IAAI3B,GA AK,EAAG+hB,EAAO,SAASA,IAC1B,OAAS/hB,EAAlkgF,EAASv+E,QACpB, GAAIk7E,EAAO18E,KAAK+/E,EAAUlgF,GAGxB,OFA+hB,EA AKpf,MAAQu9E,EAASlgF,GACtB+hB,EA AK2C,MAAO,EA CL3C,EA OX,OAHA,EA AKpf,WazTkl,EA OeIkX,EA AK2C,MAAO,EA EL3C,GAGT,OAAOA ,EA AK,KAAOA,GAKvB,MAAO,CAAEA,KAAM67D,GAiJB,SAASA,IACP,MAAO,CAAEj7E,WazfPkI,EAyf yB6Z,MAAM,GA+MnC,OA5mBA65D,EA AKBj7E,UAAyU7E,EAAGjtE,YAAc4sE,EAC/CA,EAA2B5sE,YAAc2

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KxQ, OAAS, OAC9BwQ, EAAKqnF, qBAGZrnF, EAAKy4B, SAAS7gC, QAAQ2vF, IACpBI7B, EAAMt/D, KAAkw6
F, EAASnC, EAAQ, KAGhCxqF, QAAQ+U, aC1WN24E, GAA0C, IAAI/se, ICJpD, MAAM+sE, GAA0C, IAAI/se, I, yH
ChRc, MAAMgtE, GAIInBpqF, YAAyqoF, GAA8B, wBAHE, IAAIjrE, KAGN, wBAI1B, EACdgrE, cACAE, YAKAH,
GAAc, CACZC, cACAC, cAAe9zF, KAAK81F, eACpB/B, YAdsC, 0BAiBxB, EACbBgC, UACAhC, aAKA, MAAMiC,
EAAqBh2F, KAAKi2F, cAAc75F, IAAI25F, GACID, GAA0B, MAAtBC, EACF, OAAOA, EAGT, MAAME, EAAe, GA
UrB, OAToBI2F, KAAK81F, eAAeK, eAAepC, GAC3CqC, WAAWlxF, QAAQ, CAACmxF, EAAaxC, KACvCwC, EA
AYC, qBAAqB1tE, IAAImtE, IACvCG, EAAa77F, KAAkw5F, KAI7zF, KAAKi2F, cAAchgF, IAAI8/E, EAASG, GA
EzBA, IAvcIC, iCA0CjB, EACvBrC, cACAQ, aACAN, YFxCG, UAAsB, YAC3BF, EAD2B, WAE3BQ, EAF2B, cAG3
BP, EAH2B, OAI3BC, IAOA, MAAMsC, EAAcvC, EAAcyC, cAAcx, EAAQF, IAEID, qBAACyC, EAAD, mBAAuBE
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AI6tE, GACtB, OAAsb, GAAgBx5F, IAAIq6F, GAG/B, MAAMC, EAAoC, IAAI7tE, IACx8tE, EAA+B, IAAIz5E, IA
CnC05E, EAAgC, GAETc, IAAIC, EAAW, EACXC, EAAkB, EAGtB, MAAMC, EAAW, CAAC71F, EAAY81F, EAAq
BC, KACjDP, EAAazgF, IAAI/U, EAAI+1F, GAERb, MAAM3pF, EAAOO, EAAMzR, IAAI8E, GACvB, GAAY, MA
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'#93959a',\n '--color-timeline-thrown-error': '#ee1638',\n '--color-timeline-thrown-error-hover': '#da1030',\n '--
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border': '#eeeeee',\n '--color-search-match': 'yellow',\n '--color-search-match-current': '#f7923b',\n '--color-
selected-tree-highlight-active': 'rgba(0, 136, 250, 0.1)',\n '--color-selected-tree-highlight-inactive': 'rgba(0, 0, 0,
0.05)',\n '--color-scroll-caret': 'rgba(150, 150, 150, 0.5)',\n '--color-tab-selected-border': '#0088fa',\n '--color-
text': '#000000',\n '--color-text-invalid': '#ff0000',\n '--color-text-selected': '#ffffff',\n '--color-toggle-
background-invalid': '#fc3a4b',\n '--color-toggle-background-on': '#0088fa',\n '--color-toggle-background-off':
'#cfd1d5',\n '--color-toggle-text': '#ffffff',\n '--color-warning-background': '#fb3655',\n '--color-warning-
background-hover': '#f82042',\n '--color-warning-text-color': '#ffffff',\n '--color-warning-text-color-inverted':
'#fd4d69',\n\n // The styles below should be kept in sync with 'root.css'\n // They are repeated there because
they're used by e.g. tooltips or context menus\n // which get rendered outside of the DOM subtree (where normal
theme/styles are written).\n '--color-scroll-thumb': '#c2c2c2',\n '--color-scroll-track': '#fafafa',\n '--color-tooltip-
background': 'rgba(0, 0, 0, 0.9)',\n '--color-tooltip-text': '#ffffff',\n },\n dark: {\n '--color-attribute-name':
'#9d87d2',\n '--color-attribute-name-not-editable': '#ededed',\n '--color-attribute-name-inverted': '#282828',\n '--
color-attribute-value': '#cedae0',\n '--color-attribute-value-inverted': '#ffffff',\n '--color-attribute-editable-value':
'yellow',\n '--color-background': '#282c34',\n '--color-background-hover': 'rgba(255, 255, 255, 0.1)',\n '--color-
background-inactive': '#3d424a',\n '--color-background-invalid': '#5c0000',\n '--color-background-selected':
'#178fb9',\n '--color-button-background': '#282c34',\n '--color-button-background-focus': '#3d424a',\n '--color-
button': '#afb3b9',\n '--color-button-active': '#61dafb',\n '--color-button-disabled': '#4f5766',\n '--color-button-
focus': '#a2e9fc',\n '--color-button-hover': '#ededed',\n '--color-border': '#3d424a',\n '--color-commit-did-not-
render-fill': '#777d88',\n '--color-commit-did-not-render-fill-text': '#000000',\n '--color-commit-did-not-render-
pattern': '#666c77',\n '--color-commit-did-not-render-pattern-text': '#ffffff',\n '--color-commit-gradient-0':
'#37afa9',\n '--color-commit-gradient-1': '#63b19e',\n '--color-commit-gradient-2': '#80b393',\n '--color-
commit-gradient-3': '#97b488',\n '--color-commit-gradient-4': '#abb67d',\n '--color-commit-gradient-5':
'#beb771',\n '--color-commit-gradient-6': '#cfb965',\n '--color-commit-gradient-7': '#dfba57',\n '--color-commit-
gradient-8': '#efbb49',\n '--color-commit-gradient-9': '#fbc38',\n '--color-commit-gradient-text': '#000000',\n '--
color-component-name': '#61dafb',\n '--color-component-name-inverted': '#282828',\n '--color-component-
badge-background': 'rgba(255, 255, 255, 0.25)',\n '--color-component-badge-background-inverted': 'rgba(0, 0, 0,
0.25)',\n '--color-component-badge-count': '#8f949d',\n '--color-component-badge-count-inverted': 'rgba(255,
255, 255, 0.7)',\n '--color-console-error-badge-text': '#000000',\n '--color-console-error-background': '#290000',\n
'--color-console-error-border': '#5c0000',\n '--color-console-error-icon': '#eb3941',\n '--color-console-error-text':
'#fc7f7f',\n '--color-console-warning-badge-text': '#000000',\n '--color-console-warning-background':

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'#332b00',\n  '--color-console-warning-border': '#665500',\n  '--color-console-warning-icon': '#f4bd00',\n  '--color-console-warning-text': '#f5f2ed',\n  '--color-context-background': 'rgba(255,255,255,.95)',\n  '--color-context-background-hover': 'rgba(0, 136, 250, 0.1)',\n  '--color-context-background-selected': '#0088fa',\n  '--color-context-border': '#eeeeee',\n  '--color-context-text': '#000000',\n  '--color-context-text-selected': '#ffffff',\n  '--color-dim': '#8f949d',\n  '--color-dimmer': '#777d88',\n  '--color-dimmest': '#4f5766',\n  '--color-error-background': '#200',\n  '--color-error-border': '#900',\n  '--color-error-text': '#f55',\n  '--color-expand-collapse-toggle': '#8f949d',\n  '--color-link': '#61dafb',\n  '--color-modal-background': 'rgba(0, 0, 0, 0.75)',\n  '--color-bridge-version-npm-background': 'rgba(0, 0, 0, 0.25)',\n  '--color-bridge-version-npm-text': '#ffffff',\n  '--color-bridge-version-number': 'yellow',\n  '--color-primitive-hook-badge-background': 'rgba(0, 0, 0, 0.25)',\n  '--color-primitive-hook-badge-text': 'rgba(255, 255, 255, 0.7)',\n  '--color-record-active': '#fc3a4b',\n  '--color-record-hover': '#a2e9fc',\n  '--color-record-inactive': '#61dafb',\n  '--color-resize-bar': '#282c34',\n  '--color-resize-bar-active': '#31363f',\n  '--color-resize-bar-border': '#3d424a',\n  '--color-resize-bar-dot': '#cfd1d5',\n  '--color-timeline-internal-module': '#303542',\n  '--color-timeline-internal-module-hover': '#363b4a',\n  '--color-timeline-internal-module-text': '#7f8899',\n  '--color-timeline-native-event': '#b2b2b2',\n  '--color-timeline-native-event-hover': '#949494',\n  '--color-timeline-network-primary': '#fcf3dc',\n  '--color-timeline-network-primary-hover': '#e3dbc5',\n  '--color-timeline-network-secondary': '#efc457',\n  '--color-timeline-network-secondary-hover': '#d6af4d',\n  '--color-timeline-priority-background': '#1d2129',\n  '--color-timeline-priority-border': '#282c34',\n  '--color-timeline-user-timing': '#c9cacd',\n  '--color-timeline-user-timing-hover': '#93959a',\n  '--color-timeline-react-idle': '#3d485b',\n  '--color-timeline-react-idle-hover': '#465269',\n  '--color-timeline-react-render': '#2683E2',\n  '--color-timeline-react-render-hover': '#1a76d4',\n  '--color-timeline-react-render-text': '#11365e',\n  '--color-timeline-react-commit': '#731fad',\n  '--color-timeline-react-commit-hover': '#611b94',\n  '--color-timeline-react-commit-text': '#e5c1ff',\n  '--color-timeline-react-layout-effects': '#611b94',\n  '--color-timeline-react-layout-effects-hover': '#51167a',\n  '--color-timeline-react-layout-effects-text': '#e5c1ff',\n  '--color-timeline-react-passive-effects': '#611b94',\n  '--color-timeline-react-passive-effects-hover': '#51167a',\n  '--color-timeline-react-passive-effects-text': '#e5c1ff',\n  '--color-timeline-react-schedule': '#2683E2',\n  '--color-timeline-react-schedule-hover': '#1a76d4',\n  '--color-timeline-react-suspense-rejected': '#f1cc14',\n  '--color-timeline-react-suspense-rejected-hover': '#e4c00f',\n  '--color-timeline-react-suspense-resolved': '#a6e59f',\n  '--color-timeline-react-suspense-resolved-hover': '#89d281',\n  '--color-timeline-react-suspense-unresolved': '#c9cacd',\n  '--color-timeline-react-suspense-unresolved-hover': '#93959a',\n  '--color-timeline-thrown-error': '#fb3655',\n  '--color-timeline-thrown-error-hover': '#f82042',\n  '--color-timeline-text-color': '#282c34',\n  '--color-timeline-text-dim-color': '#555b66',\n  '--color-timeline-react-work-border': '#3d424a',\n  '--color-search-match': 'yellow',\n  '--color-search-match-current': '#f7923b',\n  '--color-selected-tree-highlight-active': 'rgba(23, 143, 185, 0.15)',\n  '--color-selected-tree-highlight-inactive': 'rgba(255, 255, 255, 0.05)',\n  '--color-scroll-caret': '#4f5766',\n  '--color-shadow': 'rgba(0, 0, 0, 0.5)',\n  '--color-tab-selected-border': '#178fb9',\n  '--color-text': '#ffffff',\n  '--color-text-invalid': '#ff8080',\n  '--color-text-selected': '#ffffff',\n  '--color-toggle-background-invalid': '#fc3a4b',\n  '--color-toggle-background-on': '#178fb9',\n  '--color-toggle-background-off': '#777d88',\n  '--color-toggle-text': '#ffffff',\n  '--color-warning-background': '#ee1638',\n  '--color-warning-background-hover': '#da1030',\n  '--color-warning-text-color': '#ffffff',\n  '--color-warning-text-color-inverted': '#ee1638',\n  \n  // The styles below should be kept in sync with 'root.css'\n  // They are repeated there because they're used by e.g. tooltips or context menus\n  // which get rendered outside of the DOM subtree (where normal theme/styles are written).\n  '--color-scroll-thumb': '#afb3b9',\n  '--color-scroll-track': '#313640',\n  '--color-tooltip-background': 'rgba(255, 255, 255, 0.95)',\n  '--color-tooltip-text': '#000000',\n  },\n  compact: {\n    '--font-size-monospace-small': '9px',\n    '--font-size-monospace-normal': '11px',\n    '--font-size-monospace-large': '15px',\n    '--font-size-sans-small': '10px',\n    '--font-size-sans-normal': '12px',\n    '--font-size-sans-large': '14px',\n    '--line-height-data': '18px',\n  },\n  comfortable: {\n    '--font-size-monospace-small': '10px',\n    '--font-size-monospace-normal': '13px',\n    '--font-size-monospace-large': '17px',\n    '--font-size-sans-small': '12px',\n    '--font-size-sans-normal': '14px',\n    '--font-size-sans-large': '16px',\n    '--line-height-data': '22px',\n  },\n  \n};\n\n// HACK\n\n// Sometimes the inline target is rendered before root styles are applied,\n// which would result in e.g. NaN itemSize being passed to react-window list.\nconst

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COMFORTABLE_LINE_HEIGHT = parseInt(\n  THEME_STYLES.comfortable['--line-height-data'],\n  10,\n);\n\nconst COMPACT_LINE_HEIGHT = parseInt(\n  THEME_STYLES.compact['--line-height-data'],\n  10,\n);\n\nexport { COMFORTABLE_LINE_HEIGHT, COMPACT_LINE_HEIGHT};\n\n"/**\n  MIT License\n  http://www.opensource.org/licenses/mit-license.php\n  Author Tobias Koppers @sokra\n  css base code,\n  injected by the css-loader\n  module.exports = function(useSourceMap) {\n    var list = [];\n    // return the list of modules as css string\n    list.toString = function toString() {\n      return this.map(function (item) {\n        var content =\n          cssWithMappingToString(item, useSourceMap);\n        if (item[2]) {\n          return "@media " + item[2] + "{" +\n            content + "}";\n        } else {\n          return content;\n        }\n      }).join("");\n    };\n    // import a list of modules into the list\n    list.i = function(modules, mediaQuery) {\n      if (typeof modules === "string")\n        modules = [[null, modules, ""]];\n      var alreadyImportedModules = {};\n      for (var i = 0; i < this.length; i++) {\n        var id = this[i][0];\n        if (typeof id === "number")\n          alreadyImportedModules[id] = true;\n        for (i = 0; i < modules.length; i++) {\n          var item = modules[i];\n          // skip already imported module\n          // this implementation is not 100% perfect for weird media query combinations\n          // when a module is imported multiple times with different media queries.\n          // I hope this will never occur (Hey this way we have smaller bundles)\n          if (typeof item[0] !== "number" || !alreadyImportedModules[item[0]]) {\n            if (mediaQuery && !item[2]) {\n              item[2] = mediaQuery;\n            } else if (mediaQuery) {\n              item[2] = "(" + item[2] + ")" + "(" + mediaQuery + ")";\n            }\n            list.push(item);\n          }\n        }\n      }\n      return list;\n    };\n\n    function cssWithMappingToString(item, useSourceMap) {\n      var content = item[1] || "";\n      var cssMapping = item[3];\n      if (!cssMapping) {\n        return content;\n      }\n      if (useSourceMap && typeof btoa === 'function') {\n        var sourceMapping = toComment(cssMapping);\n        var sourceURLs = cssMapping.sources.map(function (source) {\n          return "/*# sourceURL=" + cssMapping.sourceRoot + source + "*/";\n        });\n        return [content].concat(sourceURLs).concat([sourceMapping]).join("\n");\n      }\n      return [content].join("\n");\n    }\n\n    function toComment(sourceMap) {\n      // eslint-disable-next-line no-undef\n      var base64 = btoa(unescape(encodeURIComponent(JSON.stringify(sourceMap))));\n      var data = 'sourceMappingURL=data:application/json;charset=utf-8;base64,' + base64;\n      return "/*# " + data + "*/";\n    }\n\n    /**\n     * MIT License\n     * http://www.opensource.org/licenses/mit-license.php\n     * Author Tobias Koppers @sokra\n     */\n\n    var stylesInDom = {};\n\n    var memoize = function (fn) {\n      var memo;\n      return function () {\n        if (typeof memo === "undefined")\n          memo = fn.apply(this, arguments);\n        return memo;\n      };\n    };\n\n    var isOldIE = memoize(function () {\n      // Test for IE <= 9 as proposed by Browserhacks\n      // @see\n      // http://browserhacks.com/#hack-e71d8692f65334173fee715c222cb805\n      // Tests for existence of standard globals\n      // to allow style-loader to operate correctly into non-standard environments\n      // @see\n      // https://github.com/webpack-contrib/style-loader/issues/177\n      return window && document && document.all && !window.atob;\n    });\n\n    var getTarget = function (target, parent) {\n      if (parent) {\n        return parent.querySelector(target);\n      }\n      return document.querySelector(target);\n    };\n\n    var getElement = (function (fn) {\n      var memo = {};\n      return function(target, parent) {\n        // If passing function in options, then use it for resolve "head" element.\n        // Useful for Shadow Root style i.e.\n        //\n        //\n        // insertInto:\n        function () {\n          return document.querySelector("#foo").shadowRoot;\n        }\n        if (typeof target === 'function') {\n          return target();\n        }\n        if (typeof memo[target] === "undefined")\n          memo[target] = getTarget.call(this, target, parent);\n        // Special case to return head of iframe instead of iframe itself\n        if (window.HTMLIFrameElement && styleTarget instanceof window.HTMLIFrameElement) {\n          try {\n            // This will throw an exception if access to iframe is blocked\n            // due to cross-origin restrictions\n            styleTarget = styleTarget.contentDocument.head;\n          } catch(e) {\n            styleTarget = null;\n          }\n          memo[target] = styleTarget;\n        }\n        return memo[target];\n      };\n    })(getTarget);\n\n    var singletonCounter = 0;\n    var stylesInsertedAtTop = [];\n    var fixUrls = require("./urls");\n\n    module.exports = function(list, options) {\n      if (typeof DEBUG !== "undefined" && DEBUG) {\n        if (typeof document !== "object")\n          throw new Error("The style-loader cannot be used in a non-browser environment");\n      }\n      options = options || {};\n      options.attrs = typeof options.attrs === "object" ? options.attrs : {};\n      // Force single-tag solution on IE6-9, which has a hard limit on the # of <style> tags it
```



```
require("../..../node_modules/style-loader/lib/addStyles.js")(content, options);\n\nif(content.locals)
  module.exports = content.locals;\n\nif(module.hot) {
  module.hot.accept("../..../node_modules/css-loader/index.js??ref--6-1!/SettingsShared.css", function() {
    let newContent = require("../..../node_modules/css-loader/index.js??ref--6-1!/SettingsShared.css");
    if(typeof newContent === 'string') newContent = [[module.id, newContent, "]];\n\nlet locals = (function(a, b) {
      let key, idx = 0;
      for(key in a) {
        if(!b || a[key] !== b[key]) return false;
        idx++;
      }
      for(key in b) {
        idx--;
        return idx === 0;
      }
      return idx === 0;
    })(content.locals, newContent.locals));
    if(!locals) throw new Error('Aborting CSS HMR due to changed css-modules locals.');
  module.hot.dispose(function() { update(); });
}\n\nlet content = require("../..../node_modules/css-loader/index.js??ref--6-1!/shared.css");
if(typeof content === 'string') content = [[module.id, content, "]];\n\nlet transform;\nlet insertInto;\n\nlet options = {"hmr": true};
let options.transform = transform;\nlet options.insertInto = undefined;\nlet update = require("../..../node_modules/style-loader/lib/addStyles.js")(content, options);\n\nif(content.locals)
  module.exports = content.locals;\n\nif(module.hot) {
  module.hot.accept("../..../node_modules/css-loader/index.js??ref--6-1!/shared.css", function() {
    let newContent = require("../..../node_modules/css-loader/index.js??ref--6-1!/shared.css");
    if(typeof newContent === 'string') newContent = [[module.id, newContent, "]];\n\nlet locals = (function(a, b) {
      let key, idx = 0;
      for(key in a) {
        if(!b || a[key] !== b[key]) return false;
        idx++;
      }
      for(key in b) {
        idx--;
        return idx === 0;
      }
      return idx === 0;
    })(content.locals, newContent.locals));
    if(!locals) throw new Error('Aborting CSS HMR due to changed css-modules locals.');
  module.hot.dispose(function() { update(); });
}\n\n**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the LICENSE file in the root directory of this source tree.\n * @flow\n\n*\n\n*****\n * This file is forked between different DevTools implementations.\n * It should never be imported directly!\n * It should always be imported from "react-devtools-feature-flags".\n\n*****\n\nexport const consoleManagedByDevToolsDuringStrictMode = false;\nexport const enableLogger = false;\nexport const enableNamedHooksFeature = true;\nexport const enableProfilerChangedHookIndices = true;\nexport const enableStyleXFeatures = false;\nexport const isInternalFacebookBuild = false;\n\n*****\n * Do not edit the code below.\n * It ensures this fork exports the same types as the default flags file.\n\n*****\n\nimport typeof * as FeatureFlagsType from './DevToolsFeatureFlags.default';\nimport typeof * as ExportsType from './DevToolsFeatureFlags.core-oss';\n\n// eslint-disable-next-line no-unused-vars\n type Check<_X, Y: _X, X: Y = _X> = null;\n\n// eslint-disable-next-line no-unused-expressions\n (null: Check<ExportsType, FeatureFlagsType>);\n\nlet content = require("../..../node_modules/css-loader/index.js??ref--6-1!/InspectedElementSharedStyles.css");
if(typeof content === 'string') content = [[module.id, content, "]];\n\nlet transform;\nlet insertInto;\n\nlet options = {"hmr": true};
let options.transform = transform;\nlet options.insertInto = undefined;\nlet update = require("../..../node_modules/style-loader/lib/addStyles.js")(content, options);\n\nif(content.locals)
  module.exports = content.locals;\n\nif(module.hot) {
  module.hot.accept("../..../node_modules/css-loader/index.js??ref--6-1!/InspectedElementSharedStyles.css", function() {
    let newContent = require("../..../node_modules/css-loader/index.js??ref--6-1!/InspectedElementSharedStyles.css");
    if(typeof newContent === 'string') newContent = [[module.id, newContent, "]];\n\nlet locals = (function(a, b) {
      let key, idx = 0;
      for(key in a) {
        if(!b || a[key] !== b[key]) return false;
        idx++;
      }
      for(key in b) {
        idx--;
        return idx === 0;
      }
      return idx === 0;
    })(content.locals, newContent.locals));
    if(!locals) throw new Error('Aborting CSS HMR due to changed
```



```

Safari: https://bugs.webkit.org/show_bug.cgi?id=156529\n function bogusSelect() {\n   var sel =
document.getSelection();\n   // If \"nothing\" is selected...\n   if (!document.queryCommandEnabled(\"copy\")
&& sel.isCollapsed) {\n     // ... temporarily select the entire body.\n     /\n     // We select the entire body
because:\n     // - it's guaranteed to exist,\n     // - it works (unlike, say, document.head, or phantom element that
is\n     // not inserted into the DOM),\n     // - it doesn't seem to flicker (due to the synchronous copy event),
and\n     // - it avoids modifying the DOM (can trigger mutation observers).\n     /\n     // Because we can't do
proper feature detection (we already checked\n     // document.queryCommandEnabled(\"copy\"), which actually
gives a false\n     // negative for Blink when nothing is selected) and UA sniffing is not\n     // reliable (a lot of
UA strings contain \"Safari\"), this will also\n     // happen for some browsers other than Safari. :-)\n     var
range = document.createRange();\n     range.selectNodeContents(document.body);\n
sel.removeAllRanges();\n     sel.addRange(range);\n     _bogusSelection = true;\n   }\n   };\n   return
function(data) {\n     return new Promise(function(resolve, reject) {\n       _intercept = true;\n       if (typeof data
=== \"string\") {\n         _data = {\"text/plain\": data};\n       } else if (data instanceof Node) {\n         _data =
{\"text/html\": new XMLSerializer().serializeToString(data)};\n       } else if (data instanceof Object){\n         _data
= data;\n       } else {\n         reject(\"Invalid data type. Must be string, DOM node, or an object mapping MIME
types to strings.\")\n       }\n     }\n     function triggerCopy(tryBogusSelect) {\n       try {\n         if
(document.execCommand(\"copy\")) {\n           // document.execCommand is synchronous:
http://www.w3.org/TR/2015/WD-clipboard-apis-20150421/#integration-with-rich-text-editing-apis\n           // So
we can call resolve() back here.\n           cleanup();\n           resolve();\n         }\n         else {\n           if
(!tryBogusSelect) {\n             bogusSelect();\n             triggerCopy(true);\n           } else {\n
cleanup();\n             throw new Error(\"Unable to copy. Perhaps it's not available in your browser?\");\n
}\n         }\n       } catch (e) {\n         cleanup();\n         reject(e);\n       }\n     }\n     triggerCopy(false);\n   }\n   };\n   }());\n   clipboard.paste = (function() {\n     var _intercept = false;\n     var
_resolve;\n     var _dataType;\n     document.addEventListener(\"paste\", function(e) {\n       if (_intercept) {\n
_intercept = false;\n         e.preventDefault();\n         var resolve = _resolve;\n         _resolve = null;\n
resolve(e.clipboardData.getData(_dataType));\n       }\n     });\n     return function(dataType) {\n       return new
Promise(function(resolve, reject) {\n         _intercept = true;\n         _resolve = resolve;\n         _dataType = dataType ||
\"text/plain\";\n         try {\n           if (!document.execCommand(\"paste\")) {\n             _intercept = false;\n
reject(new Error(\"Unable to paste. Pasting only works in Internet Explorer at the moment.\"));\n           }\n         }
catch (e) {\n           _intercept = false;\n           reject(new Error(e));\n         }\n       });\n     });\n   }\n   // Handle IE
behaviour.\n   if (typeof ClipboardEvent === \"undefined\" &&\n     typeof window.clipboardData !== \"undefined\"
&&\n     typeof window.clipboardData.setData !== \"undefined\") {\n     /*! promise-polyfill 2.0.1 */\n
(function(a){function b(a,b){return function(){a.apply(b,arguments)}}function c(a){if(\"object\"!==typeof this)throw
new TypeError(\"Promises must be constructed via new\");if(\"function\"!==typeof a)throw new TypeError(\"not a
function\");this._state=null,this._value=null,this._deferreds=[],i(a,b(e,this),b(f,this))}function d(a){var b=this;return
null===this._state?void this._deferreds.push(a):void j(function(){var
c=b._state?a.onFulfilled:a.onRejected;if(null===c)return void(b._state?a.resolve:a.reject)(b._value);var
d;try{d=c(b._value)}catch(e){return void a.reject(e)}a.resolve(d)}}function e(a){try{if(a===this)throw new
TypeError(\"A promise cannot be resolved with itself.\");if(a&&(\"object\"===typeof a||\"function\"===typeof a)){var
c=a.then;if(\"function\"===typeof c)return void
i(b(c,a),b(e,this),b(f,this))}this._state=!0,this._value=a,g.call(this)}catch(d){f.call(this,d)}}function
f(a){this._state=!1,this._value=a,g.call(this)}function g(){for(var
a=0,b=this._deferreds.length;b>a;a++)d.call(this,this._deferreds[a]);this._deferreds=null}function
h(a,b,c,d){this.onFulfilled=\"function\"===typeof a?a:null,this.onRejected=\"function\"===typeof
b?b:null,this.resolve=c,this.reject=d}function i(a,b,c){var
d=!1;try{a(function(a){d||(d=!0,b(a))},function(a){d||(d=!0,c(a))})}catch(e){if(d)return;d=!0,c(e)}}var
j=c.immediateFn||\"function\"===typeof
setImmediate&&setImmediate||function(a){setTimeout(a,1)},k=Array.isArray||function(a){return\"[object

```



```

Array]\"===Object.prototype.toString.call(a);c.prototype[\"catch\"]=function(a){return
this.then(null,a),c.prototype.then=function(a,b){var e=this;return new c(function(c,f){d.call(e,new
h(a,b,c,f))}),c.all=function(){var
a=Array.prototype.slice.call(1===arguments.length&&k(arguments[0])?arguments[0]:arguments);return new
c(function(b,c){function d(f,g){try{if(g&&(\"object\"===typeof g||\"function\"===typeof g)){var
h=g.then;if(\"function\"===typeof h)return void h.call(g,function(a){d(f,a),c)}a[f]=g,0===--
e&&b(a)}catch(i){c(i)}if(0===a.length)return b([]);for(var
e=a.length,f=0;f<a.length;f++)d(f,a[f])}),c.resolve=function(a){return a&&\"object\"===typeof
a&&a.constructor===c?a:new c(function(b){b(a)}),c.reject=function(a){return new
c(function(b,c){c(a)}),c.race=function(a){return new c(function(b,c){for(var
d=0,e=a.length;e>d;d++)a[d].then(b,c)}),\"undefined\"!==typeof
module&&module.exports?module.exports=c:a.Promise||(a.Promise=c)})(this);\\n\\n clipboard.copy =
function(data) {\\n return new Promise(function(resolve, reject) {\\n // IE supports string and URL types:
https://msdn.microsoft.com/en-us/library/ms536744(v=vs.85).aspx\\n // We only support the string type for
now.\\n if (typeof data !== \"string\" && !(\"text/plain\" in data)) {\\n throw new Error(\"You must provide
a text/plain type.\");\\n }\\n var strData = (typeof data === \"string\" ? data : data[\"text/plain\"]);\\n var
copySucceeded = window.clipboardData.setData(\"Text\\\", strData);\\n if (copySucceeded) {\\n resolve();\\n
} else {\\n reject(new Error(\"Copying was rejected.\"));\\n }\\n });\\n }\\n clipboard.paste =
function() {\\n return new Promise(function(resolve, reject) {\\n var strData =
window.clipboardData.getData(\"Text\");\\n if (strData) {\\n resolve(strData);\\n } else {\\n // The
user rejected the paste request.\\n reject(new Error(\"Pasting was rejected.\"));\\n }\\n });\\n }\\n }\\n
return clipboard;\\n});\\n\", \"\\nvar content = require(\"!./../node_modules/css-loader/index.js??ref--6-
1!/InspectedElementHooksTree.css\");\\n\\nif(typeof content === 'string') content = [[module.id, content, \"];\\n\\nvar
transform;\\n\\nvar insertInto;\\n\\n\\nvar options = {\"hmr\":true}\\n\\noptions.transform = transform\\noptions.insertInto
= undefined;\\n\\nvar update = require(\"!./../node_modules/style-loader/lib/addStyles.js\")(content,
options);\\n\\nif(content.locals) module.exports = content.locals;\\n\\nif(module.hot)
{\\n\\nmodule.hot.accept(\"!./../node_modules/css-loader/index.js??ref--6-
1!/InspectedElementHooksTree.css\", function() {\\n\\n\\nvar newContent = require(\"!./../node_modules/css-
loader/index.js??ref--6-1!/InspectedElementHooksTree.css\");\\n\\n\\nif(typeof newContent === 'string') newContent
= [[module.id, newContent, \"];\\n\\n\\nvar locals = (function(a, b) {\\n\\n\\nvar key, idx = 0;\\n\\n\\nfor(key in a)
{\\n\\n\\nif(!b || a[key] !== b[key]) return false;\\n\\n\\nidx++;\\n\\n\\n}\\n\\n\\nfor(key in b) idx--;\\n\\n\\nreturn idx
=== 0;\\n\\n\\n}(content.locals, newContent.locals));\\n\\n\\nif(!locals) throw new Error('Aborting CSS HMR due to
changed css-modules locals.');

```

```

require("!!../../../../node_modules/style-loader/lib/addStyles.js")(content, options);\n\nif(content.locals)
module.exports = content.locals;\n\nif(module.hot) {\n\tmodule.hot.accept("!!../../../../node_modules/css-
loader/index.js??ref--6-1!/SnapshotCommitList.css", function() {\n\t\tvar newContent =
require("!!../../../../node_modules/css-loader/index.js??ref--6-1!/SnapshotCommitList.css");\n\t\tif(typeof
newContent === 'string') newContent = [[module.id, newContent, "]];\n\t\tvar locals = (function(a, b) {\n\t\t\tvar
key, idx = 0;\n\t\t\tfor(key in a) {\n\t\t\t\tif(!b || a[key] !== b[key]) return
false;\n\t\t\t\tidx++;\n\t\t\t}\n\t\t\tfor(key in b) idx--;\n\t\t\treturn idx === 0;\n\t\t}(content.locals,
newContent.locals));\n\t\tif(!locals) throw new Error('Aborting CSS HMR due to changed css-modules
locals.);\n\t\tupdate(newContent);\n\t};\n\tmodule.hot.dispose(function() { update(); });\n},"",\n\nvar content =
require("!!../../../../node_modules/css-loader/index.js??ref--6-1!/Element.css");\n\nif(typeof content ===
'string') content = [[module.id, content, "]];\n\nvar transform;\n\nvar insertInto;\n\nvar options =
{"hmr":true}\n\noptions.transform = transform\n\noptions.insertInto = undefined;\n\nvar update =
require("!!../../../../node_modules/style-loader/lib/addStyles.js")(content, options);\n\nif(content.locals)
module.exports = content.locals;\n\nif(module.hot) {\n\tmodule.hot.accept("!!../../../../node_modules/css-
loader/index.js??ref--6-1!/Element.css", function() {\n\t\tvar newContent =
require("!!../../../../node_modules/css-loader/index.js??ref--6-1!/Element.css");\n\t\tif(typeof newContent
=== 'string') newContent = [[module.id, newContent, "]];\n\t\tvar locals = (function(a, b) {\n\t\t\tvar key, idx =
0;\n\t\t\tfor(key in a) {\n\t\t\t\tif(!b || a[key] !== b[key]) return false;\n\t\t\t\tidx++;\n\t\t\t}\n\t\t\tfor(key in b) idx-
-;\n\t\t\treturn idx === 0;\n\t\t}(content.locals, newContent.locals));\n\t\tif(!locals) throw new Error('Aborting
CSS HMR due to changed css-modules
locals.);\n\t\tupdate(newContent);\n\t};\n\tmodule.hot.dispose(function() { update(); });\n},"",\n\nvar content =
require("!!../../../../node_modules/css-loader/index.js??ref--6-1!/Timeline.css");\n\nif(typeof content === 'string')
content = [[module.id, content, "]];\n\nvar transform;\n\nvar insertInto;\n\nvar options =
{"hmr":true}\n\noptions.transform = transform\n\noptions.insertInto = undefined;\n\nvar update =
require("!!../../../../node_modules/style-loader/lib/addStyles.js")(content, options);\n\nif(content.locals)
module.exports = content.locals;\n\nif(module.hot) {\n\tmodule.hot.accept("!!../../../../node_modules/css-
loader/index.js??ref--6-1!/Timeline.css", function() {\n\t\tvar newContent = require("!!../../../../node_modules/css-
loader/index.js??ref--6-1!/Timeline.css");\n\t\tif(typeof newContent === 'string') newContent = [[module.id,
newContent, "]];\n\t\tvar locals = (function(a, b) {\n\t\t\tvar key, idx = 0;\n\t\t\tfor(key in a) {\n\t\t\t\tif(!b ||
a[key] !== b[key]) return false;\n\t\t\t\tidx++;\n\t\t\t}\n\t\t\tfor(key in b) idx--;\n\t\t\treturn idx ===
0;\n\t\t}(content.locals, newContent.locals));\n\t\tif(!locals) throw new Error('Aborting CSS HMR due to changed
css-modules locals.);\n\t\tupdate(newContent);\n\t};\n\tmodule.hot.dispose(function() { update(); });\n},"",\n\nvar
content = require("!!../../../../node_modules/css-loader/index.js??ref--6-1!/InspectedElement.css");\n\nif(typeof
content === 'string') content = [[module.id, content, "]];\n\nvar transform;\n\nvar insertInto;\n\nvar options =
{"hmr":true}\n\noptions.transform = transform\n\noptions.insertInto = undefined;\n\nvar update =
require("!!../../../../node_modules/style-loader/lib/addStyles.js")(content, options);\n\nif(content.locals)
module.exports = content.locals;\n\nif(module.hot) {\n\tmodule.hot.accept("!!../../../../node_modules/css-
loader/index.js??ref--6-1!/InspectedElement.css", function() {\n\t\tvar newContent =
require("!!../../../../node_modules/css-loader/index.js??ref--6-1!/InspectedElement.css");\n\t\tif(typeof
newContent === 'string') newContent = [[module.id, newContent, "]];\n\t\tvar locals = (function(a, b) {\n\t\t\tvar
key, idx = 0;\n\t\t\tfor(key in a) {\n\t\t\t\tif(!b || a[key] !== b[key]) return
false;\n\t\t\t\tidx++;\n\t\t\t}\n\t\t\tfor(key in b) idx--;\n\t\t\treturn idx ===
0;\n\t\t}(content.locals, newContent.locals));\n\t\tif(!locals) throw new Error('Aborting CSS HMR due to changed
css-modules
locals.);\n\t\tupdate(newContent);\n\t};\n\tmodule.hot.dispose(function() { update(); });\n},"",\n\nvar content =
require("!!../../../../node_modules/css-loader/index.js??ref--6-1!/InspectedElementView.css");\n\nif(typeof
content === 'string') content = [[module.id, content, "]];\n\nvar transform;\n\nvar insertInto;\n\nvar options =
{"hmr":true}\n\noptions.transform = transform\n\noptions.insertInto = undefined;\n\nvar update =
require("!!../../../../node_modules/style-loader/lib/addStyles.js")(content, options);\n\nif(content.locals)

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module.exports = content.locals;\n\nif(module.hot) {\n\nmodule.hot.accept("\\!../../../../../node_modules/css-
loader/index.js??ref--6-1!/InspectedElementView.css", function() {\n\n\tvar newContent =
require("\\!../../../../../node_modules/css-loader/index.js??ref--6-1!/InspectedElementView.css");\n\n\tif(typeof
newContent === 'string') newContent = [[module.id, newContent, "]];\n\n\tvar locals = (function(a, b) {\n\n\t\tvar
key, idx = 0;\n\n\t\tfor(key in a) {\n\n\t\t\tif(!b || a[key] !== b[key]) return
false;\n\n\t\t\tidx++;\n\n\t\t}\n\n\t\tfor(key in b) idx--;\n\n\t\treturn idx === 0;\n\n\t}(content.locals,
newContent.locals));\n\n\tif(!locals) throw new Error('Aborting CSS HMR due to changed css-modules
locals.');

```

```
require("../node_modules/style-loader/lib/addStyles.js")(content, options);\n\nif(content.locals)\n  module.exports = content.locals;\n\nif(module.hot) {\n  module.hot.accept("../node_modules/css-loader/index.js??ref--6-1!/Tree.css", function() {\n    var newContent = require("../node_modules/css-loader/index.js??ref--6-1!/Tree.css");\n\n    if(typeof newContent === 'string') newContent = [[module.id, newContent, "]];\n\n    var locals = (function(a, b) {\n      for(key in a) {\n        if(!b[key] !== b[key]) return false;\n        idx++;\n      }\n\n      for(key in b) idx--;\n\n      return idx === 0;\n    })(content.locals, newContent.locals);\n\n    if(!locals) throw new Error('Aborting CSS HMR due to changed css-modules locals.);\n\n    update(newContent);\n  });\n\n  module.hot.dispose(function() { update(); });\n}\n\ncontent = require("../node_modules/css-loader/index.js??ref--6-1!/UnsupportedBridgeProtocolDialog.css");\n\nif(typeof content === 'string') content = [[module.id, content, "]];\n\nvar transform;\nvar insertInto;\n\nvar options = {"hmr":true}\n\noptions.transform = transform\noptions.insertInto = undefined;\n\nvar update = require("../node_modules/style-loader/lib/addStyles.js")(content, options);\n\nif(content.locals) module.exports = content.locals;\n\nif(module.hot) {\n  module.hot.accept("../node_modules/css-loader/index.js??ref--6-1!/UnsupportedBridgeProtocolDialog.css", function() {\n    var newContent = require("../node_modules/css-loader/index.js??ref--6-1!/UnsupportedBridgeProtocolDialog.css");\n\n    if(typeof newContent === 'string') newContent = [[module.id, newContent, "]];\n\n    var locals = (function(a, b) {\n      for(key in a) {\n        if(!b[key] !== b[key]) return false;\n        idx++;\n      }\n\n      for(key in b) idx--;\n\n      return idx === 0;\n    })(content.locals, newContent.locals);\n\n    if(!locals) throw new Error('Aborting CSS HMR due to changed css-modules locals.);\n\n    update(newContent);\n  });\n\n  module.hot.dispose(function() { update(); });\n}\n\ncontent = require("../node_modules/css-loader/index.js??ref--6-1!/LayoutViewer.css");\n\nif(typeof content === 'string') content = [[module.id, content, "]];\n\nvar transform;\nvar insertInto;\n\nvar options = {"hmr":true}\n\noptions.transform = transform\noptions.insertInto = undefined;\n\nvar update = require("../node_modules/style-loader/lib/addStyles.js")(content, options);\n\nif(content.locals) module.exports = content.locals;\n\nif(module.hot) {\n  module.hot.accept("../node_modules/css-loader/index.js??ref--6-1!/LayoutViewer.css", function() {\n    var newContent = require("../node_modules/css-loader/index.js??ref--6-1!/LayoutViewer.css");\n\n    if(typeof newContent === 'string') newContent = [[module.id, newContent, "]];\n\n    var locals = (function(a, b) {\n      for(key in a) {\n        if(!b[key] !== b[key]) return false;\n        idx++;\n      }\n\n      for(key in b) idx--;\n\n      return idx === 0;\n    })(content.locals, newContent.locals);\n\n    if(!locals) throw new Error('Aborting CSS HMR due to changed css-modules locals.);\n\n    update(newContent);\n  });\n\n  module.hot.dispose(function() { update(); });\n}\n\ncontent = require("../node_modules/css-loader/index.js??ref--6-1!/StyleEditor.css");\n\nif(typeof content === 'string') content = [[module.id, content, "]];\n\nvar transform;\nvar insertInto;\n\nvar options = {"hmr":true}\n\noptions.transform = transform\noptions.insertInto = undefined;\n\nvar update = require("../node_modules/style-loader/lib/addStyles.js")(content, options);\n\nif(content.locals) module.exports = content.locals;\n\nif(module.hot) {\n  module.hot.accept("../node_modules/css-loader/index.js??ref--6-1!/StyleEditor.css", function() {\n    var newContent = require("../node_modules/css-loader/index.js??ref--6-1!/StyleEditor.css");\n\n    if(typeof newContent === 'string') newContent = [[module.id, newContent, "]];\n\n    var locals = (function(a, b) {\n      for(key in a) {\n        if(!b[key] !== b[key]) return false;\n        idx++;\n      }\n\n      for(key in b) idx--;\n\n      return idx === 0;\n    })(content.locals, newContent.locals);\n\n    if(!locals) throw new Error('Aborting CSS HMR due to changed css-modules locals.);\n\n    update(newContent);\n  });\n\n  module.hot.dispose(function() { update(); });\n}\n\n/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the LICENSE file in the root directory of this source tree.\n * @flow strict-local\n *\nimport {enableLogger} from 'react-devtools-feature-flags';\n\nexport type LogEvent = {\n  +event_name: 'loaded-dev-tools',\n}
```

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| {\n   +event_name: 'error',\n   +error_message: string | null,\n   +error_stack: string | null,\n   +error_component_stack: string | null,\n   }\n | {\n   +event_name: 'selected-components-tab',\n   }\n | {\n   +event_name: 'selected-profiler-tab',\n   }\n | {\n   +event_name: 'load-hook-names',\n   +event_status: 'success' | 'error' | 'timeout' | 'unknown',\n   +duration_ms: number,\n   +inspected_element_display_name: string | null,\n   +inspected_element_number_of_hooks: number | null,\n   };\n\nexport type LogFunction = LogEvent => void;\n\nlet logFunctions: Array<LogFunction> = [];\n\nexport const logEvent: LogFunction =\n  enableLogger === true\n    ? function logEvent(event: LogEvent): void {\n        logFunctions.forEach(log => {\n            log(event);\n        });\n    } : function logEvent() {};\n\nexport const registerEventLogger =\n  enableLogger === true\n    ? function registerEventLogger(logFunction: LogFunction): () => void {\n        if (enableLogger) {\n            logFunctions.push(logFunction);\n            return function unregisterEventLogger() {\n                logFunctions = logFunctions.filter(log => log !== logFunction);\n            };\n        }\n        return () => {};\n    } : function registerEventLogger(logFunction: LogFunction) {\n        return () => {};\n    };;\n\n", "var candidateSelectors = [\n  'input',\n  'select',\n  'textarea',\n  'a[href]',\n  'button',\n  '[tabindex]',\n  'audio[controls]',\n  'video[controls]',\n  '[contenteditable]:not([contenteditable="false"])',\n];\n\nvar candidateSelector = candidateSelectors.join(',');\n\nvar matches = typeof Element === 'undefined'\n  ? function () {} : Element.prototype.matches ||\n  Element.prototype.msMatchesSelector ||\n  Element.prototype.webkitMatchesSelector;\n\nfunction tabbable(el, options) {\n  options = options || {};\n  var regularTabbables = [];\n  var orderedTabbables = [];\n  var candidates = el.querySelectorAll(candidateSelector);\n  if (options.includeContainer) {\n    if (matches.call(el, candidateSelector)) {\n      candidates = Array.prototype.slice.apply(candidates);\n      candidates.unshift(el);\n    }\n  }\n  var i, candidate, candidateTabIndex;\n  for (i = 0; i < candidates.length; i++) {\n    candidate = candidates[i];\n    if (!isNodeMatchingSelectorTabbable(candidate)) continue;\n    candidateTabIndex = getTabIndex(candidate);\n    if (candidateTabIndex === 0) {\n      regularTabbables.push(candidate);\n    } else {\n      orderedTabbables.push({\n        documentOrder: i,\n        tabIndex: candidateTabIndex,\n        node: candidate,\n      });\n    }\n  }\n  var tabbableNodes = orderedTabbables\n    .sort(sortOrderedTabbables)\n    .map(function(a) {\n      return a.node;\n    })\n    .concat(regularTabbables);\n  return tabbableNodes;\n}\n\nfunction isTabbable =\n  isTabbable;\n\nfunction isFocusable = isFocusable;\n\nfunction isNodeMatchingSelectorTabbable(node) {\n  if (!isNodeMatchingSelectorFocusable(node)\n    || isNonTabbableRadio(node)\n    || getTabIndex(node) < 0\n  ) {\n    return false;\n  }\n  return true;\n}\n\nfunction isTabbable(node) {\n  if (!node) throw new Error('No node provided');\n  if (matches.call(node, candidateSelector) === false) return false;\n  return isNodeMatchingSelectorTabbable(node);\n}\n\nfunction isNodeMatchingSelectorFocusable(node) {\n  if (!node.disabled\n    || isHiddenInput(node)\n    || isHidden(node)\n  ) {\n    return false;\n  }\n  return true;\n}\n\nvar focusableCandidateSelector = candidateSelectors.concat('iframe').join(',');\n\nfunction isFocusable(node) {\n  if (!node) throw new Error('No node provided');\n  if (matches.call(node, focusableCandidateSelector) === false) return false;\n  return isNodeMatchingSelectorFocusable(node);\n}\n\nfunction getTabIndex(node) {\n  var tabIndexAttr = parseInt(node.getAttribute('tabindex'), 10);\n  if (!isNaN(tabIndexAttr)) return tabIndexAttr;\n  // Browsers do not return `tabIndex` correctly for contentEditable nodes;\n  // so if they don't have a tabIndex attribute specifically set, assume it's 0.\n  if (isContentEditable(node)) return 0;\n  return node.tabIndex;\n}\n\nfunction sortOrderedTabbables(a, b) {\n  return a.tabIndex === b.tabIndex\n    ? a.documentOrder - b.documentOrder\n    : a.tabIndex - b.tabIndex;\n}\n\nfunction isContentEditable(node) {\n  return node.contentEditable === 'true';\n}\n\nfunction isInput(node) {\n  return node.tagName === 'INPUT';\n}\n\nfunction isHiddenInput(node) {\n  return isInput(node) && node.type === 'hidden';\n}\n\nfunction isRadio(node) {\n  return isInput(node) && node.type === 'radio';\n}\n\nfunction isNonTabbableRadio(node) {\n  return isRadio(node) && !isTabbableRadio(node);\n}\n\nfunction getCheckedRadio(nodes) {\n  for (var i = 0; i < nodes.length; i++) {\n    if (nodes[i].checked) {\n      return nodes[i];\n    }\n  }\n}\n\nfunction isTabbableRadio(node) {\n  if (!node.name) return true;\n  // This won't account for the edge case where you have radio groups with the same\n  // in separate forms on the same page.\n  var radioSet = node.ownerDocument.querySelectorAll('input[type="radio"][name="' + node.name + '"]');\n  var checked = getCheckedRadio(radioSet);\n  return !checked || checked === node;\n}\n\nfunction isHidden(node) {\n  // offsetParent being null will allow detecting cases where an element is

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invisible or inside an invisible element,\n // as long as the element does not use position: fixed. For them, their
visibility has to be checked directly as well.\n return node.offsetParent === null ||
getComputedStyle(node).visibility === 'hidden';\n}\n\nmodule.exports = tabbable;\n","exports = module.exports =
SemVer\n\nvar debug\n/* istanbul ignore next */\nif (typeof process === 'object' &&\n process.env &&\n
process.env.NODE_DEBUG &&\n  \bsemver\b/i.test(process.env.NODE_DEBUG)) {\n debug = function () {\n
var args = Array.prototype.slice.call(arguments, 0)\n args.unshift('SEMVER')\n console.log.apply(console,
args)\n }\n} else {\n debug = function () {} }\n\n// Note: this is the semver.org version of the spec that it
implements\n// Not necessarily the package version of this code.\nexports.SEMVER_SPEC_VERSION =
'2.0.0'\n\nvar MAX_LENGTH = 256\nvar MAX_SAFE_INTEGER = Number.MAX_SAFE_INTEGER ||\n /*
istanbul ignore next */ 9007199254740991\n\n// Max safe segment length for coercion.\nvar
MAX_SAFE_COMPONENT_LENGTH = 16\n\n// The actual regexps go on exports.re\nvar re = exports.re =
[]\nvar src = exports.src = []\nvar t = exports.tokens = {}\nvar R = 0\nfunction tok (n) {\n t[n] = R++\n}\n\n// The
following Regular Expressions can be used for tokenizing,\n// validating, and parsing SemVer version strings.\n\n//
## Numeric Identifier\n// A single `0`, or a non-zero digit followed by zero or more
digits.\n\ntok('NUMERICIDENTIFIER')\nsrc[t.NUMERICIDENTIFIER] = '0|[1-9]\\\\d*'
\ntok('NUMERICIDENTIFIERLOOSE')\nsrc[t.NUMERICIDENTIFIERLOOSE] = '[0-9]+'
\n\n// ## Non-numeric Identifier\n// Zero or more digits, followed by a letter or hyphen, and then zero or\n// more
letters, digits, or hyphens.\n\ntok('NONNUMERICIDENTIFIER')\nsrc[t.NONNUMERICIDENTIFIER] = '\\\\d*[a-zA-Z-][a-zA-Z0-9-]*'
\n\n// ## Main Version\n// Three dot-separated numeric
identifiers.\n\ntok('MAINVERSION')\nsrc[t.MAINVERSION] = '(' + src[t.NUMERICIDENTIFIER] + ')\\\\.\\\\.' +\n
 '(' + src[t.NUMERICIDENTIFIER] + ')\\\\.\\\\.' +\n
 '(' + src[t.NUMERICIDENTIFIER] + ')'\n\ntok('MAINVERSIONLOOSE')\nsrc[t.MAINVERSIONLOOSE] = '(' + src[t.NUMERICIDENTIFIERLOOSE]
+ ')\\\\.\\\\.' +\n
 '(' + src[t.NUMERICIDENTIFIERLOOSE] + ')\\\\.\\\\.' +\n
 '(' +
src[t.NUMERICIDENTIFIERLOOSE] + ')'\n\n// ## Pre-release Version Identifier\n// A numeric identifier, or a non-
numeric identifier.\n\ntok('PRERELEASEIDENTIFIER')\nsrc[t.PRERELEASEIDENTIFIER] = '(?:' +
src[t.NUMERICIDENTIFIER] +\n
 '|' + src[t.NONNUMERICIDENTIFIER] +\n
)'\n\ntok('PRERELEASEIDENTIFIERLOOSE')\nsrc[t.PRERELEASEIDENTIFIERLOOSE] = '(?:' +
src[t.NUMERICIDENTIFIERLOOSE] +\n
 '|' + src[t.NONNUMERICIDENTIFIER] + ')'\n\n// ## Pre-release Version\n// Hyphen, followed by one or more dot-separated pre-release version\n//
identifiers.\n\ntok('PRERELEASE')\nsrc[t.PRERELEASE] = '(?:-' + src[t.PRERELEASEIDENTIFIER] +\n
 '(?:\\\\.\\\\.' + src[t.PRERELEASEIDENTIFIER] +\n
)*)'\n\ntok('PRERELEASELOOSE')\nsrc[t.PRERELEASELOOSE] = '(?:-' +\n
 src[t.PRERELEASEIDENTIFIERLOOSE] +\n
 '(?:\\\\.\\\\.' + src[t.PRERELEASEIDENTIFIERLOOSE] +\n
)*)'\n\n// ## Build Metadata Identifier\n// Any combination of digits, letters, or
hyphens.\n\ntok('BUILDIDENTIFIER')\nsrc[t.BUILDIDENTIFIER] = '[0-9A-Za-z-]+'
\n\n// ## Build Metadata\n// Plus sign, followed by one or more period-separated build metadata\n// identifiers.\n\ntok('BUILD')\nsrc[t.BUILD] = '(?:\\\\.+(' + src[t.BUILDIDENTIFIER] + ')\\\\.\\\\.\\\\.)*'\n\n// ## Full
Version String\n// A main version, followed optionally by a pre-release version and\n// build metadata.\n\n// Note
that the only major, minor, patch, and pre-release sections of\n// the version string are capturing groups. The build
metadata is not a\n// capturing group, because it should not ever be used in version\n//
comparison.\n\ntok('FULL')\ntok('FULLPLAIN')\nsrc[t.FULLPLAIN] = 'v?' + src[t.MAINVERSION] +\n
 src[t.PRERELEASE] + '?' +\n
 src[t.BUILD] + '?'\n\ntok('FULL')\nsrc[t.FULL] = '^' + src[t.FULLPLAIN] + '$'\n\n// like
full, but allows v1.2.3 and =1.2.3, which people do sometimes.\n// also, 1.0.0alpha1 (prerelease without the hyphen)
which is pretty\n// common in the npm registry.\n\ntok('LOOSEPLAIN')\nsrc[t.LOOSEPLAIN] = '[v=\\\\s]*' +\n
 src[t.MAINVERSIONLOOSE] +\n
 src[t.PRERELEASELOOSE] + '?'\n
 src[t.BUILD] +\n
 '?'\n\ntok('LOOSE')\nsrc[t.LOOSE] = '^' + src[t.LOOSEPLAIN] + '$'\n\ntok('GTLT')\nsrc[t.GTLT] =
'((?:<|>)?=?)'\n\n// Something like \"2.*\" or \"1.2.x\".\n\n// Note that \"x.x\" is a valid xRange identifier, meaning \"any
version\"\n\n// Only the first item is strictly

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null\n }\n}\n\nexports.valid = valid\nfunction valid (version, options) {\n  var v = parse(version, options)\n  return v\n  ? v.version : null\n}\n\nexports.clean = clean\nfunction clean (version, options) {\n  var s =\n  parse(version.trim().replace(/^[=v]+/, ''), options)\n  return s ? s.version : null\n}\n\nexports.SemVer =\nSemVer\n\nfunction SemVer (version, options) {\n  if (!options || typeof options !== 'object') {\n    options = {\n      loose: !!options,\n      includePrerelease: false\n    }\n  }\n  if (version instanceof SemVer) {\n    if (version.loose === options.loose) {\n      return version\n    } else {\n      version = version.version\n    }\n  } else if (typeof version !== 'string') {\n    throw new TypeError('Invalid Version: ' + version)\n  }\n  if (version.length > MAX_LENGTH)\n  {\n    throw new TypeError('version is longer than ' + MAX_LENGTH + ' characters')\n  }\n  if (!(this instanceof SemVer)) {\n    return new SemVer(version, options)\n  }\n  debug('SemVer', version, options)\n  this.options = options\n  this.loose = !!options.loose\n  var m = version.trim().match(options.loose ? re[t.LOOSE] : re[t.FULL])\n  if (!m) {\n    throw new TypeError('Invalid Version: ' + version)\n  }\n  this.raw = version\n  // these are actually numbers\n  this.major = +m[1]\n  this.minor = +m[2]\n  this.patch = +m[3]\n  if (this.major > MAX_SAFE_INTEGER || this.major < 0) {\n    throw new TypeError('Invalid major version')\n  }\n  if (this.minor > MAX_SAFE_INTEGER || this.minor < 0) {\n    throw new TypeError('Invalid minor version')\n  }\n  if (this.patch > MAX_SAFE_INTEGER || this.patch < 0) {\n    throw new TypeError('Invalid patch version')\n  }\n  // numberify any prerelease numeric ids\n  if (!m[4]) {\n    this.prerelease = []\n  } else {\n    this.prerelease = m[4].split('.').map(function (id) {\n      if (/^[0-9]+$/.test(id)) {\n        var num = +id\n        if (num >= 0 && num < MAX_SAFE_INTEGER) {\n          return num\n        }\n      }\n      return id\n    })\n  }\n  this.build = m[5] ? m[5].split('.') : []\n  this.format()\n}\n\nSemVer.prototype.format = function () {\n  this.version = this.major + '.' + this.minor + '.' + this.patch\n  if (this.prerelease.length) {\n    this.version += '-' + this.prerelease.join('.')\n  }\n  return this.version\n}\n\nSemVer.prototype.toString = function () {\n  return this.version\n}\n\nSemVer.prototype.compare = function (other) {\n  debug('SemVer.compare', this.version, this.options, other)\n  if (!(other instanceof SemVer)) {\n    other = new SemVer(other, this.options)\n  }\n  return this.compareMain(other) || this.comparePre(other)\n}\n\nSemVer.prototype.compareMain = function (other) {\n  if (!(other instanceof SemVer)) {\n    other = new SemVer(other, this.options)\n  }\n  return compareIdentifiers(this.major, other.major) ||\n    compareIdentifiers(this.minor, other.minor) ||\n    compareIdentifiers(this.patch, other.patch)\n}\n\nSemVer.prototype.comparePre = function (other) {\n  if (!(other instanceof SemVer)) {\n    other = new SemVer(other, this.options)\n  }\n  // NOT having a prerelease is > having one\n  if (this.prerelease.length && !other.prerelease.length) {\n    return -1\n  } else if (!this.prerelease.length && other.prerelease.length) {\n    return 1\n  } else if (!this.prerelease.length && !other.prerelease.length) {\n    return 0\n  }\n  var i = 0\n  do {\n    var a = this.prerelease[i]\n    var b = other.prerelease[i]\n    debug('prerelease compare', i, a, b)\n    if (a === undefined && b === undefined) {\n      return 0\n    } else if (b === undefined) {\n      return 1\n    } else if (a === undefined) {\n      return -1\n    } else if (a === b) {\n      continue\n    } else {\n      return compareIdentifiers(a, b)\n    }\n  } while (++i)\n}\n\nSemVer.prototype.compareBuild = function (other) {\n  if (!(other instanceof SemVer)) {\n    other = new SemVer(other, this.options)\n  }\n  var i = 0\n  do {\n    var a = this.build[i]\n    var b = other.build[i]\n    debug('prerelease compare', i, a, b)\n    if (a === undefined && b === undefined) {\n      return 0\n    } else if (b === undefined) {\n      return 1\n    } else if (a === undefined) {\n      return -1\n    } else if (a === b) {\n      continue\n    } else {\n      return compareIdentifiers(a, b)\n    }\n  } while (++i)\n}\n\n// preminor will bump the version up to the next minor release, and immediately\n// down to pre-release. premajor and prepatch work the same way.\n\nSemVer.prototype.inc = function (release, identifier) {\n  switch (release) {\n    case 'premajor':\n      this.prerelease.length = 0\n      this.patch = 0\n      this.minor = 0\n      this.major++\n      this.inc('pre', identifier)\n      break\n    case 'preminor':\n      this.prerelease.length = 0\n      this.patch = 0\n      this.minor++\n      this.inc('pre', identifier)\n      break\n    case 'prepatch':\n      // If this is already a prerelease, it will bump to the next version\n      // drop any prereleases that might already exist, since they are not\n      // relevant at this point.\n      this.prerelease.length = 0\n      this.inc('patch', identifier)\n      this.inc('pre', identifier)\n      break\n    // If the input is a non-prerelease version, this acts the same as\n    // prepatch.\n    case 'prerelease':\n      if (this.prerelease.length === 0) {\n        this.inc('patch', identifier)\n      }\n      this.inc('pre', identifier)\n      break\n    case 'major':\n      // If this is a pre-major version, bump up to the same major version.\n      // Otherwise increment major.\n      // 1.0.0-5

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bumps to 1.0.0\n // 1.1.0 bumps to 2.0.0\n if (this.minor !== 0 ||\n this.patch !== 0 ||\n
this.prerelease.length === 0) {\n this.major++\n }\n this.minor = 0\n this.patch = 0\n this.prerelease
= []\n break\n case 'minor':\n // If this is a pre-minor version, bump up to the same minor version.\n //
Otherwise increment minor.\n // 1.2.0-5 bumps to 1.2.0\n // 1.2.1 bumps to 1.3.0\n if (this.patch !== 0 ||
this.prerelease.length === 0) {\n this.minor++\n }\n this.patch = 0\n this.prerelease = []\n break\n
case 'patch':\n // If this is not a pre-release version, it will increment the patch.\n // If it is a pre-release it will
bump up to the same patch version.\n // 1.2.0-5 patches to 1.2.0\n // 1.2.0 patches to 1.2.1\n if
(this.prerelease.length === 0) {\n this.patch++\n }\n this.prerelease = []\n break\n // This probably
shouldn't be used publicly.\n // 1.0.0 \"pre\" would become 1.0.0-0 which is the wrong direction.\n case 'pre':\n
if (this.prerelease.length === 0) {\n this.prerelease = [0]\n } else {\n var i = this.prerelease.length\n
while (--i >= 0) {\n if (typeof this.prerelease[i] === 'number') {\n this.prerelease[i]++\n i = -2\n
}\n }\n if (i === -1) {\n // didn't increment anything\n this.prerelease.push(0)\n }\n }\n
if (identifier) {\n // 1.2.0-beta.1 bumps to 1.2.0-beta.2,\n // 1.2.0-beta.foo or 1.2.0-beta bumps to 1.2.0-
beta.0\n if (this.prerelease[0] === identifier) {\n if (isNaN(this.prerelease[1])) {\n this.prerelease =
[identifier, 0]\n }\n } else {\n this.prerelease = [identifier, 0]\n }\n }\n break\n\n
default:\n throw new Error('invalid increment argument: ' + release)\n }\n this.format()\n this.raw =
this.version\n return this\n}\n\nexports.inc = inc\nfunction inc (version, release, loose, identifier) {\n if (typeof
(loose) === 'string') {\n identifier = loose\n loose = undefined\n }\n\n try {\n return new SemVer(version,
loose).inc(release, identifier).version\n } catch (er) {\n return null\n }\n}\n\nexports.diff = diff\nfunction diff
(version1, version2) {\n if (eq(version1, version2)) {\n return null\n } else {\n var v1 = parse(version1)\n var
v2 = parse(version2)\n var prefix = \"\n if (v1.prerelease.length || v2.prerelease.length) {\n prefix = 'pre'\n
var defaultResult = 'prerelease'\n }\n for (var key in v1) {\n if (key === 'major' || key === 'minor' || key ===
'patch') {\n if (v1[key] !== v2[key]) {\n return prefix + key\n }\n }\n }\n return defaultResult //
may be undefined\n }\n}\n\nexports.compareIdentifiers = compareIdentifiers\nvar numeric = /^[0-9]+$/\nfunction
compareIdentifiers (a, b) {\n var anum = numeric.test(a)\n var bnum = numeric.test(b)\n\n if (anum && bnum) {\n
a = +a\n b = +b\n }\n\n return a === b ? 0\n : (anum && !bnum) ? -1\n : (bnum && !anum) ? 1\n : a < b ?
-1\n : 1\n}\n\nexports.rcompareIdentifiers = rcompareIdentifiers\nfunction rcompareIdentifiers (a, b) {\n return
compareIdentifiers(b, a)\n}\n\nexports.major = major\nfunction major (a, loose) {\n return new SemVer(a,
loose).major\n}\n\nexports.minor = minor\nfunction minor (a, loose) {\n return new SemVer(a,
loose).minor\n}\n\nexports.patch = patch\nfunction patch (a, loose) {\n return new SemVer(a,
loose).patch\n}\n\nexports.compare = compare\nfunction compare (a, b, loose) {\n return new SemVer(a,
loose).compare(new SemVer(b, loose))\n}\n\nexports.compareLoose = compareLoose\nfunction compareLoose (a,
b) {\n return compare(a, b, true)\n}\n\nexports.compareBuild = compareBuild\nfunction compareBuild (a, b, loose)
{\n var versionA = new SemVer(a, loose)\n var versionB = new SemVer(b, loose)\n return
versionA.compare(versionB) || versionA.compareBuild(versionB)\n}\n\nexports.rcompare = rcompare\nfunction
rcompare (a, b, loose) {\n return compare(b, a, loose)\n}\n\nexports.sort = sort\nfunction sort (list, loose) {\n return
list.sort(function (a, b) {\n return exports.compareBuild(a, b, loose)\n })\n}\n\nexports.rsort = rsort\nfunction
rsort (list, loose) {\n return list.sort(function (a, b) {\n return exports.compareBuild(b, a, loose)\n })\n}\n\nexports.gt =
gt\nfunction gt (a, b, loose) {\n return compare(a, b, loose) > 0\n}\n\nexports.lt = lt\nfunction lt (a, b, loose) {\n
return compare(a, b, loose) < 0\n}\n\nexports.eq = eq\nfunction eq (a, b, loose) {\n return compare(a, b, loose) ===
0\n}\n\nexports.neq = neq\nfunction neq (a, b, loose) {\n return compare(a, b, loose) !== 0\n}\n\nexports.gte =
gte\nfunction gte (a, b, loose) {\n return compare(a, b, loose) >= 0\n}\n\nexports.lte = lte\nfunction lte (a, b, loose)
{\n return compare(a, b, loose) <= 0\n}\n\nexports.cmp = cmp\nfunction cmp (a, op, b, loose) {\n switch (op) {\n
case '===':\n if (typeof a === 'object')\n a = a.version\n if (typeof b === 'object')\n b = b.version\n
return a === b\n case '!=='\n if (typeof a === 'object')\n a = a.version\n if (typeof b === 'object')\n
b = b.version\n return a !== b\n case '='\n case '==':\n return eq(a, b, loose)\n case '!='\n return
neq(a, b, loose)\n case '>':\n return gt(a, b, loose)\n case '>=':\n return gte(a, b, loose)\n
case '<':\n return lt(a, b, loose)\n case '<=':\n return lte(a, b, loose)\n\n default:\n throw new

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TypeError('Invalid operator: ' + op)\n }\n}\n\nexports.Comparator = Comparator\nfunction Comparator (comp,
options) {\n if (!options || typeof options !== 'object') {\n options = {\n loose: !!options,\n
includePrerelease: false\n }\n }\n\n if (comp instanceof Comparator) {\n if (comp.loose === !!options.loose)
{\n return comp\n } else {\n comp = comp.value\n }\n }\n\n if (!(this instanceof Comparator)) {\n
return new Comparator(comp, options)\n }\n\n debug('comparator', comp, options)\n this.options = options\n
this.loose = !!options.loose\n this.parse(comp)\n\n if (this.semver === ANY) {\n this.value = ""\n } else {\n
this.value = this.operator + this.semver.version\n }\n\n debug('comp', this)\n\n\nvar ANY =
{\n\nComparator.prototype.parse = function (comp) {\n var r = this.options.loose ? re[t.COMPARATORLOOSE] :
re[t.COMPARATOR]\n var m = comp.match(r)\n\n if (!m) {\n throw new TypeError('Invalid comparator: ' +
comp)\n }\n\n this.operator = m[1] !== undefined ? m[1] : ''\n\n if (this.operator === '=') {\n this.operator = ''
}\n\n // if it literally is just '>' or '' then allow anything.\n if (!m[2]) {\n this.semver = ANY\n } else {\n
this.semver = new SemVer(m[2], this.options.loose)\n }\n }\n\nComparator.prototype.toString = function () {\n
return this.value\n }\n\nComparator.prototype.test = function (version) {\n debug('Comparator.test', version,
this.options.loose)\n\n if (this.semver === ANY || version === ANY) {\n return true\n }\n\n if (typeof version
=== 'string') {\n try {\n version = new SemVer(version, this.options)\n } catch (er) {\n return false\n }\n
}\n\n return cmp(version, this.operator, this.semver, this.options)\n }\n\nComparator.prototype.intersects = function
(comp, options) {\n if (!(comp instanceof Comparator)) {\n throw new TypeError('a Comparator is required')\n
}\n\n if (!options || typeof options !== 'object') {\n options = {\n loose: !!options,\n
includePrerelease: false\n }\n }\n\n var rangeTmp\n\n if (this.operator === '') {\n if (this.value === '') {\n
return true\n }\n\n rangeTmp = new Range(comp.value, options)\n return satisfies(this.value, rangeTmp, options)\n
} else if (comp.operator === '') {\n if (comp.value === '') {\n return true\n }\n\n rangeTmp = new Range(this.value,
options)\n return satisfies(comp.semver, rangeTmp, options)\n }\n\n var sameDirectionIncreasing =\n (this.operator
=== '>=' || this.operator === '>') &&\n (comp.operator === '>=' || comp.operator === '>')\n var
sameDirectionDecreasing =\n (this.operator === '<=' || this.operator === '<') &&\n (comp.operator === '<=' ||
comp.operator === '<')\n var sameSemVer = this.semver.version === comp.semver.version\n var
differentDirectionsInclusive =\n (this.operator === '>=' || this.operator === '<=') &&\n (comp.operator === '>='
|| comp.operator === '<=')\n var oppositeDirectionsLessThan =\n cmp(this.semver, '<', comp.semver, options)
&&\n ((this.operator === '>=' || this.operator === '>') &&\n (comp.operator === '<=' || comp.operator === '<'))\n
var oppositeDirectionsGreaterThan =\n cmp(this.semver, '>', comp.semver, options) &&\n ((this.operator ===
'<=' || this.operator === '<') &&\n (comp.operator === '>=' || comp.operator === '>'))\n\n return
sameDirectionIncreasing || sameDirectionDecreasing ||\n (sameSemVer && differentDirectionsInclusive) ||\n
oppositeDirectionsLessThan || oppositeDirectionsGreaterThan\n }\n}\n\n\nexports.Range = Range\nfunction Range
(range, options) {\n if (!options || typeof options !== 'object') {\n options = {\n loose: !!options,\n
includePrerelease: false\n }\n }\n\n\n if (range instanceof Range) {\n if (range.loose === !!options.loose &&\n
range.includePrerelease === !!options.includePrerelease) {\n return range\n } else {\n return new
Range(range.raw, options)\n }\n }\n\n\n if (range instanceof Comparator) {\n return new Range(range.value,
options)\n }\n\n\n if (!(this instanceof Range)) {\n return new Range(range, options)\n }\n\n\n this.options =
options\n this.loose = !!options.loose\n this.includePrerelease = !!options.includePrerelease\n\n // First, split based
on boolean or\n this.raw = range\n this.set = range.split(/\\s*\\\\\\\\\\\\\\\\s*/).map(function (range) {\n return
this.parseRange(range.trim())\n }, this).filter(function (c) {\n // throw out any that are not relevant for whatever
reason\n return c.length\n })\n\n\n if (!this.set.length) {\n throw new TypeError('Invalid SemVer Range: ' +
range)\n }\n\n\n this.format()\n }\n\n\nRange.prototype.format = function () {\n this.range = this.set.map(function
(comps) {\n return comps.join(' ').trim()\n }).join('|').trim()\n return this.range\n }\n\n\nRange.prototype.toString =
function () {\n return this.range\n }\n\n\nRange.prototype.parseRange = function (range) {\n var loose =
this.options.loose\n range = range.trim()\n // `1.2.3 - 1.2.4` => `>=1.2.3 <=1.2.4`\n var hr = loose ?
re[t.HYPHENRANGELOOSE] : re[t.HYPHENRANGE]\n range = range.replace(hr, hyphenReplace)\n\n debug('hyphen replace',
range)\n // `> 1.2.3 < 1.2.5` => `>1.2.3 <1.2.5`\n range =
range.replace(re[t.COMPARATORTRIM], comparatorTrimReplace)\n debug('comparator trim', range,

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re[t.COMPARATORTRIM])\n\n // ~ 1.2.3` => `~1.2.3`\n range = range.replace(re[t.TILDETRIM],
tildeTrimReplace)\n\n // ^ 1.2.3` => `^1.2.3`\n range = range.replace(re[t.CARETTRIM], caretTrimReplace)\n\n
// normalize spaces\n range = range.split(/\s+/).join(' ')\n\n // At this point, the range is completely trimmed and\n
// ready to be split into comparators.\n\n var compRe = loose ? re[t.COMPARATORLOOSE] :
re[t.COMPARATOR]\n\n var set = range.split(' ').map(function (comp) {\n  return parseComparator(comp,
this.options)\n }, this).join(' ').split(/\s+/)\n\n if (this.options.loose) {\n  // in loose mode, throw out any that are not
valid comparators\n  set = set.filter(function (comp) {\n  return !!comp.match(compRe)\n  })\n }\n\n set =
set.map(function (comp) {\n  return new Comparator(comp, this.options)\n }, this)\n\n return
set\n}\n\nRange.prototype.intersects = function (range, options) {\n  if (!(range instanceof Range)) {\n  throw new
TypeError('a Range is required')\n  }\n\n  return this.set.some(function (thisComparators) {\n  return (\n
isSatisfiable(thisComparators, options) &&\n  range.set.some(function (rangeComparators) {\n  return (\n
isSatisfiable(rangeComparators, options) &&\n  thisComparators.every(function (thisComparator) {\n
return rangeComparators.every(function (rangeComparator) {\n  return
thisComparator.intersects(rangeComparator, options)\n  })\n  })\n  })\n  })\n  })\n  })\n}\n\n// take a
set of comparators and determine whether there\n// exists a version which can satisfy it\nfunction isSatisfiable
(comparators, options) {\n  var result = true\n  var remainingComparators = comparators.slice()\n  var
testComparator = remainingComparators.pop()\n\n  while (result && remainingComparators.length) {\n  result =
remainingComparators.every(function (otherComparator) {\n  return testComparator.intersects(otherComparator,
options)\n  })\n\n  testComparator = remainingComparators.pop()\n  }\n\n  return result\n}\n\n// Mostly just for
testing and legacy API reasons\nexports.toComparators = toComparators\nfunction toComparators (range, options)
{\n  return new Range(range, options).set.map(function (comp) {\n  return comp.map(function (c) {\n  return
c.value\n  }).join(' ').trim().split(' ')\n  })\n}\n\n// comprised of xranges, tildes, stars, and gtl's at this point.\n//
already replaced the hyphen ranges\n// turn into a set of JUST comparators.\nfunction parseComparator (comp,
options) {\n  debug('comp', comp, options)\n  comp = replaceCaret(comp, options)\n  debug('caret', comp)\n  comp
= replaceTildes(comp, options)\n  debug('tildes', comp)\n  comp = replaceXRanges(comp, options)\n
debug('xrange', comp)\n  comp = replaceStars(comp, options)\n  debug('stars', comp)\n  return comp\n}\n\nfunction
isX (id) {\n  return !id || id.toLowerCase() === 'x' || id === '*'\n}\n\n// ~, ~> --> * (any, kinda silly)\n// ~2, ~2.x,
~2.x.x, ~>2, ~>2.x ~>2.x.x --> >=2.0.0 <3.0.0\n// ~2.0, ~2.0.x, ~>2.0, ~>2.0.x --> >=2.0.0 <2.1.0\n// ~1.2, ~1.2.x,
~>1.2, ~>1.2.x --> >=1.2.0 <1.3.0\n// ~1.2.3, ~>1.2.3 --> >=1.2.3 <1.3.0\n// ~1.2.0, ~>1.2.0 --> >=1.2.0
<1.3.0\nfunction replaceTildes (comp, options) {\n  return comp.trim().split(/\s+/).map(function (comp) {\n  return
replaceTilde(comp, options)\n  }).join(' ')\n}\n\nfunction replaceTilde (comp, options) {\n  var r = options.loose ?
re[t.TILDELOOSE] : re[t.TILDE]\n  return comp.replace(r, function (_, M, m, p, pr) {\n  debug('tilde', comp, _, M,
m, p, pr)\n  var ret\n  if (isX(M)) {\n  ret = "\n  } else if (isX(m)) {\n  ret = '>=' + M + '.0.0' + (+M + 1)
+ '.0.0'\n  } else if (isX(p)) {\n  // ~1.2 == >=1.2.0 <1.3.0\n  ret = '>=' + M + '.' + m + '.0' + '+' + (+m +
1) + '.0'\n  } else if (pr) {\n  debug('replaceTilde pr', pr)\n  ret = '>=' + M + '.' + m + '.' + p + '-' + pr + '\n
' + '+' + M + '.' + (+m + 1) + '.0'\n  } else {\n  // ~1.2.3 == >=1.2.3 <1.3.0\n  ret = '>=' + M + '.' + m + '.' + p + '\n
' + '+' + M + '.' + (+m + 1) + '.0'\n  }\n\n  debug('tilde return', ret)\n  return ret\n  })\n}\n\n// ^ --> * (any, kinda
silly)\n// ^2, ^2.x, ^2.x.x --> >=2.0.0 <3.0.0\n// ^2.0, ^2.0.x --> >=2.0.0 <3.0.0\n// ^1.2, ^1.2.x --> >=1.2.0 <2.0.0\n//
^1.2.3 --> >=1.2.3 <2.0.0\n// ^1.2.0 --> >=1.2.0 <2.0.0\nfunction replaceCaret (comp, options) {\n  return
comp.trim().split(/\s+/).map(function (comp) {\n  return replaceCaret(comp, options)\n  }).join(' ')\n}\n\nfunction
replaceCaret (comp, options) {\n  debug('caret', comp, options)\n  var r = options.loose ? re[t.CARETLOOSE] :
re[t.CARET]\n  return comp.replace(r, function (_, M, m, p, pr) {\n  debug('caret', comp, _, M, m, p, pr)\n  var
ret\n  if (isX(M)) {\n  ret = "\n  } else if (isX(m)) {\n  ret = '>=' + M + '.0.0' + (+M + 1) + '.0.0'\n  } else
if (isX(p)) {\n  if (M === '0') {\n  ret = '>=' + M + '.' + m + '.0' + '+' + (+m + 1) + '.0'\n  } else {\n
ret = '>=' + M + '.' + m + '.0' + '+' + (+M + 1) + '.0.0'\n  }\n  } else if (pr) {\n  debug('replaceCaret pr', pr)\n  if
(M === '0') {\n  if (m === '0') {\n  ret = '>=' + M + '.' + m + '.' + p + '-' + pr + '\n  ' + '+' + M + '.' + m +
'.' + (+p + 1)\n  } else {\n  ret = '>=' + M + '.' + m + '.' + p + '-' + pr + '\n  ' + '+' + M + '.' + (+m + 1) +
'.0'\n  }\n  } else {\n  ret = '>=' + M + '.' + m + '.' + p + '-' + pr + '\n  ' + '+' + (+M + 1) + '.0.0'\n  }\n
}\n  }\n  }\n  }\n  }\n  }\n  }\n  }\n  }\n  }\n  }\n  }\n  }\n  }\n  }\n  }\n  }\n  }\n  }\n  }\n  }\n  }\n  }\n
}\n\n}

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} else {\n  debug('no pr')\n  if (M === '0') {\n    if (m === '0') {\n      ret = '>=' + M + '.' + m + '.' + p + \n
      '<' + M + '.' + m + '.' + (p + 1)\n    } else {\n      ret = '>=' + M + '.' + m + '.' + p + \n
      '<' + M + '.'
+ (m + 1) + '.0'\n    } else {\n      ret = '>=' + M + '.' + m + '.' + p + \n
      '<' + (M + 1) + '.0.0'\n
}\n }\n\n debug('caret return', ret)\n return ret\n })\n\nfunction replaceXRanges (comp, options) {\n
debug('replaceXRanges', comp, options)\n return comp.split(/s+/).map(function (comp) {\n  return
replaceXRRange(comp, options)\n }).join('')\n\nfunction replaceXRRange (comp, options) {\n  comp =
comp.trim()\n  var r = options.loose ? re[t.XRANGELOOSE] : re[t.XRANGE]\n  return comp.replace(r, function
(ret, gtl, M, m, p, pr) {\n    debug('xRange', comp, ret, gtl, M, m, p, pr)\n    var xM = isX(M)\n    var xm = xM ||
isX(m)\n    var xp = xm || isX(p)\n    var anyX = xp\n    if (gtl === '=' && anyX) {\n      gtl = "\n" }\n    // if
we're including prereleases in the match, then we need\n    // to fix this to -0, the lowest possible prerelease value\n
pr = options.includePrerelease ? '-0' : "\n" if (xM) {\n    if (gtl === '>' || gtl === '<') {\n      // nothing is
allowed\n      ret = '<0.0.0-0'\n    } else {\n      // nothing is forbidden\n      ret = '*'\n    } else if (gtl &&
anyX) {\n      // we know patch is an x, because we have any x at all.\n      // replace X with 0\n      if (xm) {\n        m
= 0\n      }\n      p = 0\n      if (gtl === '>') {\n        // >1 => >=2.0.0\n        // >1.2 => >=1.3.0\n        // >1.2.3 => >=
1.2.4\n        gtl = '>='\n      } if (xm) {\n        M = +M + 1\n        m = 0\n        p = 0\n      } else {\n        m = +m
+ 1\n        p = 0\n      } else if (gtl === '<=') {\n        // <=0.7.x is actually <0.8.0, since any 0.7.x should\n
// pass. Similarly, <=7.x is actually <8.0.0, etc.\n        gtl = '<'\n        if (xm) {\n          M = +M + 1\n        } else
{\n          m = +m + 1\n        }\n      }\n      ret = gtl + M + '.' + m + '.' + p + pr\n    } else if (xm) {\n      ret = '>=' +
M + '.0' + pr + '<' + (M + 1) + '.0' + pr\n    } else if (xp) {\n      ret = '>=' + M + '.' + m + '.' + p + \n
      '<' +
M + '.' + (m + 1) + '.0' + pr\n    }\n    debug('xRange return', ret)\n    return ret\n })\n\n// Because * is AND-
ed with everything else in the comparator,\n// and " means "any version", just remove the *s entirely.\nfunction
replaceStars (comp, options) {\n  debug('replaceStars', comp, options)\n  // Looseness is ignored here. star is always
as loose as it gets!\n  return comp.trim().replace(re[t.STAR], "")\n\n// This function is passed to
string.replace(re[t.HYPHENRANGE])\n// M, m, patch, prerelease, build\n// 1.2 - 3.4.5 => >=1.2.0 <=3.4.5\n// 1.2.3
- 3.4 => >=1.2.0 <3.5.0 Any 3.4.x will do\n// 1.2 - 3.4 => >=1.2.0 <3.5.0\nfunction hyphenReplace ($0,\n  from, fM,
fm, fp, fpr, fb,\n  to, tM, tm, tp, tpr, tb) {\n  if (isX(fM)) {\n    from = "\n" } else if (isX(fm)) {\n    from = '>=' + fM +
'.0.0'\n  } else if (isX(fp)) {\n    from = '>=' + fM + '.' + fm + '.0'\n  } else {\n    from = '>=' + from\n  }\n\n  if
(isX(tM)) {\n    to = "\n" } else if (isX(tm)) {\n    to = '<' + (tM + 1) + '.0.0'\n  } else if (isX(tp)) {\n    to = '<' + tM +
'.' + (tm + 1) + '.0'\n  } else if (tpr) {\n    to = '<=' + tM + '.' + tm + '.' + tp + '-' + tpr\n  } else {\n    to = '<=' + to\n
}\n\n  return (from + ' ' + to).trim()\n}\n\n// if ANY of the sets match ALL of its comparators, then
pass\nRange.prototype.test = function (version) {\n  if (!version) {\n    return false\n  }\n  if (typeof version ===
'string') {\n    try {\n      version = new SemVer(version, this.options)\n    } catch (er) {\n      return false\n    }\n
}\n\n  for (var i = 0; i < this.set.length; i++) {\n    if (testSet(this.set[i], version, this.options)) {\n      return true\n
}\n  }\n  return false\n}\n\nfunction testSet (set, version, options) {\n  for (var i = 0; i < set.length; i++) {\n    if
(!set[i].test(version)) {\n      return false\n    }\n  }\n\n  if (version.prerelease.length && !options.includePrerelease)
{\n    // Find the set of versions that are allowed to have prereleases\n    // For example, ^1.2.3-pr.1 desugars to
>=1.2.3-pr.1 <2.0.0\n    // That should allow `1.2.3-pr.2` to pass.\n    // However, `1.2.4-alpha.notready` should NOT
be allowed,\n    // even though it's within the range set by the comparators.\n    for (i = 0; i < set.length; i++) {\n
debug(set[i].semver)\n      if (set[i].semver === ANY) {\n        continue\n      }\n      if
(set[i].semver.prerelease.length > 0) {\n        var allowed = set[i].semver\n          if (allowed.major === version.major
&&\n            allowed.minor === version.minor &&\n            allowed.patch === version.patch) {\n          return
true\n        }\n      }\n    }\n\n    // Version has a -pre, but it's not one of the ones we like.\n    return false\n  }\n\n
return true\n}\n\nexports.satisfies = satisfies\nfunction satisfies (version, range, options) {\n  try {\n    range = new
Range(range, options)\n  } catch (er) {\n    return false\n  }\n  return range.test(version)\n}\n\nexports.maxSatisfying
= maxSatisfying\nfunction maxSatisfying (versions, range, options) {\n  var max = null\n  var maxSV = null\n  try
{\n    var rangeObj = new Range(range, options)\n  } catch (er) {\n    return null\n  }\n  versions.forEach(function (v)
{\n    if (rangeObj.test(v)) {\n      // satisfies(v, range, options)\n      if (!max || maxSV.compare(v) === -1) {\n        //
compare(max, v, true)\n        max = v\n        maxSV = new SemVer(max, options)\n      }\n    }\n  })\n  return

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max\n}\n\nexports.minSatisfying = minSatisfying\nfunction minSatisfying (versions, range, options) {\n  var min =
null\n  var minSV = null\n  try {\n    var rangeObj = new Range(range, options)\n  } catch (er) {\n    return null\n
}\n  versions.forEach(function (v) {\n    if (rangeObj.test(v)) {\n      // satisfies(v, range, options)\n      if (!min ||
minSV.compare(v) === 1) {\n        // compare(min, v, true)\n        min = v\n        minSV = new SemVer(min,
options)\n      }\n    }\n  })\n  return min\n}\n\nexports.minVersion = minVersion\nfunction minVersion (range,
loose) {\n  range = new Range(range, loose)\n\n  var minver = new SemVer('0.0.0')\n  if (range.test(minver)) {\n
return minver\n  }\n\n  minver = new SemVer('0.0.0-0')\n  if (range.test(minver)) {\n    return minver\n  }\n\n
minver = null\n  for (var i = 0; i < range.set.length; ++i) {\n    var comparators = range.set[i]\n\n    comparators.forEach(function (comparator) {\n      // Clone to avoid manipulating the comparator's semver object.\n
      var compver = new SemVer(comparator.semver.version)\n      switch (comparator.operator) {\n        case '>':\n
if (compver.prerelease.length === 0) {\n          compver.patch++\n        } else {\n
compver.prerelease.push(0)\n        }\n        compver.raw = compver.format()\n        /* fallthrough */\n        case
':\n        case '>=':\n          if (!minver || gt(minver, compver)) {\n            minver = compver\n          }\n          break\n
        case '<':\n        case '<=':\n          /* Ignore maximum versions */\n          break\n          /* istanbul ignore next */\n
default:\n          throw new Error('Unexpected operation: ' + comparator.operator)\n        }\n      }\n    })\n  }\n\n  if (minver
&& range.test(minver)) {\n    return minver\n  }\n\n  return null\n}\n\nexports.validRange = validRange\nfunction
validRange (range, options) {\n  try {\n    // Return '*' instead of '' so that truthiness works.\n    // This will throw if
it's invalid anyway\n    return new Range(range, options).range || '*'\n  } catch (er) {\n    return null\n  }\n}\n\n//
Determine if version is less than all the versions possible in the range\nexports.ltr = ltr\nfunction ltr (version, range,
options) {\n  return outside(version, range, '<', options)\n}\n\n// Determine if version is greater than all the versions
possible in the range.\nexports.gtr = gtr\nfunction gtr (version, range, options) {\n  return outside(version, range, '>',
options)\n}\n\nexports.outside = outside\nfunction outside (version, range, hilo, options) {\n  version = new
SemVer(version, options)\n  range = new Range(range, options)\n\n  var gtfn, ltefn, ltn, comp, ecomp\n  switch
(hilo) {\n    case '>':\n      gtfn = gt\n      ltefn = lte\n      ltn = lt\n      comp = '>'\n      ecomp = '>='\n      break\n
    case '<':\n      gtfn = lt\n      ltefn = gte\n      ltn = gt\n      comp = '<'\n      ecomp = '<='\n      break\n
    default:\n      throw new TypeError('Must provide a hilo val of <' or >')\n  }\n\n  // If it satisfies the range it is not outside\n
if (satisfies(version, range, options)) {\n    return false\n  }\n\n  // From now on, variable terms are as if we're in
<gtr> mode.\n  // but note that everything is flipped for the <ltr> function.\n\n  for (var i = 0; i < range.set.length;
++i) {\n    var comparators = range.set[i]\n\n    var high = null\n    var low = null\n\n    comparators.forEach(function
(comparator) {\n      if (comparator.semver === ANY) {\n        comparator = new Comparator('>=0.0.0')\n      }\n
      high = high || comparator\n      low = low || comparator\n      if (gtfn(comparator.semver, high.semver, options)) {\n
        high = comparator\n      } else if (ltefn(comparator.semver, low.semver, options)) {\n        low = comparator\n
      }\n    })\n\n    // If the edge version comparator has a operator then our version\n    // isn't outside it\n    if
(high.operator === comp || high.operator === ecomp) {\n      return false\n    }\n\n    // If the lowest version
comparator has an operator and our version\n    // is less than it then it isn't higher than the range\n    if
(!low.operator || low.operator === comp) && ltn(version, low.semver) {\n      return false\n    } else if
(low.operator === ecomp && ltn(version, low.semver)) {\n      return false\n    }\n  }\n\n  return
true\n}\n\nexports.prerelease = prerelease\nfunction prerelease (version, options) {\n  var parsed = parse(version,
options)\n  return (parsed && parsed.prerelease.length) ? parsed.prerelease : null\n}\n\nexports.intersects =
intersects\nfunction intersects (r1, r2, options) {\n  r1 = new Range(r1, options)\n  r2 = new Range(r2, options)\n
return r1.intersects(r2)\n}\n\nexports.coerce = coerce\nfunction coerce (version, options) {\n  if (version instanceof
SemVer) {\n    return version\n  }\n\n  if (typeof version === 'number') {\n    version = String(version)\n  }\n\n  if
(typeof version !== 'string') {\n    return null\n  }\n\n  options = options || {}\n\n  var match = null\n  if (!options.rtl)
{\n    match = version.match(re[t.COERCE])\n  } else {\n    // Find the right-most coercible string that does not
share\n    // a terminus with a more left-ward coercible string.\n    // Eg, '1.2.3.4' wants to coerce '2.3.4', not '3.4' or
'4'\n    // Walk through the string checking with a /g regexp\n    // Manually set the index so as to pick up
overlapping matches.\n    // Stop when we get a match that ends at the string end, since no\n    // coercible string can
be more right-ward without the same terminus.\n    var next\n    while ((next = re[t.COERCERTL].exec(version))

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&&\n (!match || match.index + match[0].length !== version.length)\n ) {\n if (!match ||\n next.index +
next[0].length !== match.index + match[0].length) {\n match = next\n }\n re[t.COERCERTL].lastIndex =
next.index + next[1].length + next[2].length\n }\n // leave it in a clean state\n re[t.COERCERTL].lastIndex = -
1\n }\n\n if (match === null) {\n return null\n }\n\n return parse(match[2] +\n '.' + (match[3] || '0') +\n '.' +
(match[4] || '0'), options)\n}\n", "\nvar content = require(\"!!../../../../../node_modules/css-loader/index.js??ref--6-
1!/SearchInput.css\");\n\nif(typeof content === 'string') content = [[module.id, content, ]];\n\nvar transform;\n\nvar
insertInto;\n\n\n\nvar options = {\"hmr\":true}\n\n\noptions.transform = transform\n\noptions.insertInto =
undefined;\n\n\nvar update = require(\"!!../../../../../node_modules/style-loader/lib/addStyles.js\")(content,
options);\n\n\nif(content.locals) module.exports = content.locals;\n\n\nif(module.hot)
{\n\n\tmodule.hot.accept(\"!!../../../../../node_modules/css-loader/index.js??ref--6-1!/SearchInput.css\", function()
{\n\n\t\tvar newContent = require(\"!!../../../../../node_modules/css-loader/index.js??ref--6-
1!/SearchInput.css\");\n\n\t\tif(typeof newContent === 'string') newContent = [[module.id, newContent,
\"]];\n\n\t\tvar locals = (function(a, b) {\n\n\t\t\tvar key, idx = 0;\n\n\t\t\tfor(key in a) {\n\n\t\t\t\tif(!b || a[key] !== b[key])
return false;\n\n\t\t\t\tidx++;\n\n\t\t\t}\n\n\t\t\tfor(key in b) idx--;\n\n\t\t\treturn idx === 0;\n\n\t\t}(content.locals,
newContent.locals));\n\n\t\tif(!locals) throw new Error('Aborting CSS HMR due to changed css-modules
locals.);\n\n\t\tupdate(newContent);\n\n\t\t};\n\n\t\tmodule.hot.dispose(function() { update(); });\n\n\t}, \"\nvar content =
require(\"!!../../../../../node_modules/css-loader/index.js??ref--6-
1!/InspectedElementErrorsAndWarningsTree.css\");\n\n\nif(typeof content === 'string') content = [[module.id,
content, ]];\n\n\nvar transform;\n\n\nvar insertInto;\n\n\n\nvar options = {\"hmr\":true}\n\n\n\noptions.transform =
transform\n\noptions.insertInto = undefined;\n\n\n\nvar update = require(\"!!../../../../../node_modules/style-
loader/lib/addStyles.js\")(content, options);\n\n\n\nif(content.locals) module.exports = content.locals;\n\n\n\nif(module.hot)
{\n\n\tmodule.hot.accept(\"!!../../../../../node_modules/css-loader/index.js??ref--6-
1!/InspectedElementErrorsAndWarningsTree.css\", function() {\n\n\t\tvar newContent =
require(\"!!../../../../../node_modules/css-loader/index.js??ref--6-
1!/InspectedElementErrorsAndWarningsTree.css\");\n\n\t\tif(typeof newContent === 'string') newContent =
[[module.id, newContent, ]];\n\n\t\tvar locals = (function(a, b) {\n\n\t\t\tvar key, idx = 0;\n\n\t\t\tfor(key in a)
{\n\n\t\t\t\tif(!b || a[key] !== b[key]) return false;\n\n\t\t\t\tidx++;\n\n\t\t\t}\n\n\t\t\tfor(key in b) idx--;\n\n\t\t\treturn idx
=== 0;\n\n\t\t}(content.locals, newContent.locals));\n\n\t\tif(!locals) throw new Error('Aborting CSS HMR due to
changed css-modules locals.);\n\n\t\tupdate(newContent);\n\n\t\t};\n\n\t\tmodule.hot.dispose(function() { update();
});\n\n\t}, \"\nvar content = require(\"!!../../../../../node_modules/css-loader/index.js??ref--6-
1!/SidebarSelectedFiberInfo.css\");\n\n\nif(typeof content === 'string') content = [[module.id, content, ]];\n\n\nvar
transform;\n\n\nvar insertInto;\n\n\n\n\nvar options = {\"hmr\":true}\n\n\n\noptions.transform = transform\n\noptions.insertInto
= undefined;\n\n\n\n\nvar update = require(\"!!../../../../../node_modules/style-loader/lib/addStyles.js\")(content,
options);\n\n\n\nif(content.locals) module.exports = content.locals;\n\n\n\nif(module.hot)
{\n\n\tmodule.hot.accept(\"!!../../../../../node_modules/css-loader/index.js??ref--6-1!/SidebarSelectedFiberInfo.css\",
function() {\n\n\t\tvar newContent = require(\"!!../../../../../node_modules/css-loader/index.js??ref--6-
1!/SidebarSelectedFiberInfo.css\");\n\n\t\tif(typeof newContent === 'string') newContent = [[module.id,
newContent, ]];\n\n\t\tvar locals = (function(a, b) {\n\n\t\t\tvar key, idx = 0;\n\n\t\t\tfor(key in a) {\n\n\t\t\t\tif(!b ||
a[key] !== b[key]) return false;\n\n\t\t\t\tidx++;\n\n\t\t\t}\n\n\t\t\tfor(key in b) idx--;\n\n\t\t\treturn idx ===
0;\n\n\t\t}(content.locals, newContent.locals));\n\n\t\tif(!locals) throw new Error('Aborting CSS HMR due to changed
css-modules locals.);\n\n\t\tupdate(newContent);\n\n\t\t};\n\n\t\tmodule.hot.dispose(function() { update(); });\n\n\t}, \"\nvar
content = require(\"!!../../../../../node_modules/css-loader/index.js??ref--6-1!/Components.css\");\n\n\nif(typeof
content === 'string') content = [[module.id, content, ]];\n\n\nvar transform;\n\n\nvar insertInto;\n\n\n\n\n\nvar options =
{\"hmr\":true}\n\n\n\noptions.transform = transform\n\noptions.insertInto = undefined;\n\n\n\n\n\nvar update =
require(\"!!../../../../../node_modules/style-loader/lib/addStyles.js\")(content, options);\n\n\n\nif(content.locals)
module.exports = content.locals;\n\n\n\nif(module.hot) {\n\n\tmodule.hot.accept(\"!!../../../../../node_modules/css-
loader/index.js??ref--6-1!/Components.css\", function() {\n\n\t\tvar newContent =
require(\"!!../../../../../node_modules/css-loader/index.js??ref--6-1!/Components.css\");\n\n\t\tif(typeof newContent

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Thenable<HookNames>;\n\n// This is intentionally a module-level Map, rather than a React-managed one.\n//
Otherwise, refreshing the inspected element cache would also clear this cache.\n// TODO Rethink this if the React
API constraints change.\n// See https://github.com/reactwg/react-18/discussions/25#discussioncomment-980435\nlet
map: WeakMap<Element, Record<HookNames>> = new WeakMap();\n\nexport function
hasAlreadyLoadedHookNames(element: Element): boolean {\n  const record = map.get(element);\n  return record
!= null && record.status === Resolved;\n}\n\nexport function loadHookNames(\n  element: Element,\n  hooksTree:
HooksTree,\n  loadHookNamesFunction: LoadHookNamesFunction,\n  fetchFileWithCaching:
FetchFileWithCaching | null,\n): HookNames | null {\n  let record = map.get(element);\n  if (__DEBUG__) {\n    console.groupCollapsed('loadHookNames() record:');\n    console.log(record);\n    console.groupEnd();\n  }\n  if
(!record) {\n    const callbacks = new Set();\n    const wakeable: Wakeable = {\n      then(callback) {\n
callbacks.add(callback);\n      },\n      // Optional property used by Timeline:\n      displayName: `Loading hook
names for ${element.displayName || 'Unknown'}`,\n    };\n    let timeoutID;\n    let didTimeout = false;\n    let
status = 'unknown';\n    let resolvedHookNames: HookNames | null = null;\n    const wake = () => {\n      if
(timeoutID) {\n        clearTimeout(timeoutID);\n        timeoutID = null;\n      }\n      // This assumes they won't
throw.\n      callbacks.forEach(callback => callback());\n      callbacks.clear();\n    };\n    const
handleLoadComplete = (durationMs: number): void => {\n      // Log duration for parsing hook names\n      logEvent({\n
event_name: 'load-hook-names',\n      event_status: status,\n      duration_ms: durationMs,\n      inspected_element_display_name: element.displayName,\n      inspected_element_number_of_hooks:
resolvedHookNames?.size ?? null,\n    });\n  };\n  const newRecord: Record<HookNames> = (record = {\n
status: Pending,\n  value: wakeable,\n });\n  withCallbackPerfMeasurements(\n    'loadHookNames',\n
done => {\n    loadHookNamesFunction(hooksTree, fetchFileWithCaching).then(\n      function
onSuccess(hookNames) {\n        if (didTimeout) {\n          return;\n        }\n        if (__DEBUG__) {\n
console.log('[hookNamesCache] onSuccess() hookNames:', hookNames);\n        }\n        if (hookNames)
{\n          const resolvedRecord = ((newRecord: any): ResolvedRecord<HookNames>);\n
resolvedRecord.status = Resolved;\n          resolvedRecord.value = hookNames;\n        } else {\n          const
notFoundRecord = ((newRecord: any): RejectedRecord);\n          notFoundRecord.status = Rejected;\n
notFoundRecord.value = null;\n          status = 'success';\n          resolvedHookNames =
hookNames;\n          done();\n          wake();\n        },\n      function onError(error) {\n        if (didTimeout)
{\n          return;\n        }\n        if (__DEBUG__) {\n          console.log('[hookNamesCache]
onError()');\n        }\n        console.error(error);\n        const thrownRecord = ((newRecord: any):
RejectedRecord);\n        thrownRecord.status = Rejected;\n        thrownRecord.value = null;\n        status =
'error';\n        done();\n        wake();\n      },\n    );\n    // Eventually timeout and stop trying to load
names.\n    timeoutID = setTimeout(function onTimeout() {\n      if (__DEBUG__) {\n
console.log('[hookNamesCache] onTimeout()');\n      }\n      timeoutID = null;\n      didTimeout =
true;\n      const timedoutRecord = ((newRecord: any): RejectedRecord);\n      timedoutRecord.status =
Rejected;\n      timedoutRecord.value = null;\n      status = 'timeout';\n      done();\n      wake();\n    },
TIMEOUT);\n  },\n  handleLoadComplete,\n );\n  map.set(element, record);\n }\n\n const response =
readRecord(record).value;\n  return response;\n}\n\nexport function getHookSourceLocationKey({\n  fileName,\n
lineNumber,\n  columnNumber,\n}: HookSource): HookSourceLocationKey {\n  if (fileName == null || lineNumber
== null || columnNumber == null) {\n    throw Error('Hook source code location not found.');

```



```

[];\n\nconst floorDecimals = (value, decimalDigits) => {\n\tconst flooredInterimValue = Math.floor((value * (10
** decimalDigits)) + SECOND_ROUNDING_EPSILON);\n\tconst flooredValue =
Math.round(flooredInterimValue) / (10 ** decimalDigits);\n\treturn
flooredValue.toFixed(decimalDigits);\n};\n\nconst add = (value, long, short, valueString) => {\n\ttif
((result.length === 0 || !options.colonNotation) && value === 0 && !(options.colonNotation && short === 'm'))
{\n\t\treturn;\n\t}\n\tvalueString = (valueString || value || '0').toString();\n\tlet prefix;\n\tlet suffix;\n\ttif
(options.colonNotation) {\n\t\tprefix = result.length > 0 ? ':' : '';\n\t\tsuffix = '';\n\t\tconst wholeDigits =
valueString.includes('.') ? valueString.split('.')[0].length : valueString.length;\n\t\tconst minLength = result.length >
0 ? 2 : 1;\n\t\tvalueString = '0'.repeat(Math.max(0, minLength - wholeDigits)) + valueString;\n\t\t} else
{\n\t\t\tprefix = '';\n\t\t\tsuffix = options.verbose ? '' + pluralize(long, value) : short;\n\t\t}\n\t\tresult.push(prefix +
valueString + suffix);\n\t};\n\nconst parsed = parseMilliseconds(milliseconds);\n\tadd(Math.trunc(parsed.days /
365), 'year', 'y');\n\tadd(parsed.days % 365, 'day', 'd');\n\tadd(parsed.hours, 'hour', 'h');\n\tadd(parsed.minutes,
'minute', 'm');\n\ttif (!options.separateMilliseconds || !options.formatSubMilliseconds || !milliseconds <
1000)\n\t\t{\n\t\t\tadd(parsed.seconds, 'second', 's');\n\t\t\ttif (options.formatSubMilliseconds)
{\n\t\t\t\tadd(parsed.milliseconds, 'millisecond', 'ms');\n\t\t\t\tadd(parsed.microseconds, 'microsecond',
'\u00b5s');\n\t\t\t\tadd(parsed.nanoseconds, 'nanosecond', 'ns');\n\t\t\t} else {\n\t\t\t\tconst millisecondsAndBelow
=\n\t\t\t\t\t(parsed.milliseconds +\n\t\t\t\t\t\t(parsed.microseconds / 1000) +\n\t\t\t\t\t\t(parsed.nanoseconds /
1e6));\n\t\t\t\t\tconst millisecondsDecimalDigits =\n\t\t\t\t\t\ttypeof options.millisecondsDecimalDigits === 'number'
?\n\t\t\t\t\t\t\toptions.millisecondsDecimalDigits :\n\t\t\t\t\t\t\t0;\n\t\t\t\t\t\tconst roundedMilliseconds =
millisecondsAndBelow >= 1 ?\n\t\t\t\t\t\t\tMath.round(millisecondsAndBelow)
:\n\t\t\t\t\t\t\tMath.ceil(millisecondsAndBelow);\n\t\t\t\t\t\tconst millisecondsString = millisecondsDecimalDigits
?\n\t\t\t\t\t\t\tmillisecondsAndBelow.toFixed(millisecondsDecimalDigits)
:\n\t\t\t\t\t\t\troundedMilliseconds;\n\t\t\t\t\t\t\tadd(\n\t\t\t\t\t\t\t\tNumber.parseFloat(millisecondsString,
10),\n\t\t\t\t\t\t\t\t'millisecond',\n\t\t\t\t\t\t\t\t'ms',\n\t\t\t\t\t\t\t\tmillisecondsString);\n\t\t\t\t\t\t}\n\t\t\t} else {\n\t\t\t\tconst seconds =
(milliseconds / 1000) % 60;\n\t\t\t\tconst secondsDecimalDigits =\n\t\t\t\t\t\ttypeof options.secondsDecimalDigits ===
'number' ?\n\t\t\t\t\t\t\toptions.secondsDecimalDigits :\n\t\t\t\t\t\t\t1;\n\t\t\t\t\t\tconst secondsFixed = floorDecimals(seconds,
secondsDecimalDigits);\n\t\t\t\t\t\tconst secondsString = options.keepDecimalsOnWholeSeconds ?\n\t\t\t\t\t\t\tsecondsFixed
:\n\t\t\t\t\t\t\tsecondsFixed.replace(/\\.0+$/, '');\n\t\t\t\t\t\t\tadd(Number.parseFloat(secondsString, 10), 'second', 's',
secondsString);\n\t\t\t}\n\t\ttif (result.length === 0) {\n\t\t\treturn '0' + (options.verbose ? ' milliseconds' :
'ms');\n\t\t}\n\t\ttif (options.compact) {\n\t\t\treturn result[0];\n\t\t}\n\t\ttif (typeof options.unitCount === 'number')
{\n\t\t\tconst separator = options.colonNotation ? ':' : '';\n\t\t\treturn result.slice(0, Math.max(options.unitCount,
1)).join(separator);\n\t\t}\n\t\ttif (options.colonNotation ? result.join('') : result.join(' '));\n};\n\nnvar content =
require("!!.../.../node_modules/css-loader/index.js??ref--6-1!/ModalDialog.css");\n\ttif (typeof content ===
'string') content = [[module.id, content, "]];\n\nnvar transform;\n\nnvar insertInto;\n\nnvar options =
{"hmr": true}\n\noptions.transform = transform\n\noptions.insertInto = undefined;\n\nnvar update =
require("!!.../.../node_modules/style-loader/lib/addStyles.js")(content, options);\n\ttif (content.locals)
module.exports = content.locals;\n\ttif (module.hot) {\n\t\tmodule.hot.accept("!!.../.../node_modules/css-
loader/index.js??ref--6-1!/ModalDialog.css", function() {\n\t\t\tvar newContent =
require("!!.../.../node_modules/css-loader/index.js??ref--6-1!/ModalDialog.css");\n\t\t\ttif (typeof newContent
=== 'string') newContent = [[module.id, newContent, "]];\n\t\t\t\tvar locals = (function(a, b) {\n\t\t\t\t\ttif (!b || a[key] !== b[key]) return false;\n\t\t\t\t\t\tidx++;\n\t\t\t\t\t}\n\t\t\t\t\tfor (key in b) idx-
-;\n\t\t\t\t\treturn idx === 0;\n\t\t\t\t)(content.locals, newContent.locals));\n\t\t\t\ttif (!locals) throw new Error('Aborting
CSS HMR due to changed css-modules
locals.');

```

```
module.exports = content.locals;\n\nif(module.hot) {\n\tmodule.hot.accept("!!../../../node_modules/css-loader/index.js??ref--6-1!./SettingsModal.css", function() {\n\t\tvar newContent = require("!!../../../node_modules/css-loader/index.js??ref--6-1!./SettingsModal.css");\n\t\tif(typeof newContent === 'string') newContent = [[module.id, newContent, "]];\n\t\tvar locals = (function(a, b) {\n\t\t\tvar key, idx = 0;\n\t\t\tfor(key in a) {\n\t\t\t\tif(!b || a[key] !== b[key]) return false;\n\t\t\t\tidx++;\n\t\t\t}\n\t\t\tfor(key in b) idx--;\n\t\t\treturn idx === 0;\n\t\t})(content.locals, newContent.locals));\n\t\tif(!locals) throw new Error('Aborting CSS HMR due to changed css-modules locals.');
```



```

params.client_no_context_takeover = true;\n  }\n  if (this._options.serverMaxWindowBits) {\n
params.server_max_window_bits = this._options.serverMaxWindowBits;\n  }\n  if
(this._options.clientMaxWindowBits) {\n    params.client_max_window_bits =
this._options.clientMaxWindowBits;\n  } else if (this._options.clientMaxWindowBits === null) {\n
params.client_max_window_bits = true;\n  }\n\n  return params;\n }\n\n /**\n * Accept an extension
negotiation offer/response.\n * @param {Array} configurations The extension negotiation offers/reponse\n *
@return {Object} Accepted configuration\n * @public\n */\n accept(configurations) {\n  configurations =
this.normalizeParams(configurations);\n\n  this.params = this._isServer\n    ?
this.acceptAsServer(configurations)\n    : this.acceptAsClient(configurations);\n\n  return this.params;\n }\n\n
/**\n * Releases all resources used by the extension.\n * @public\n */\n cleanup() {\n  if (this._inflate)
{\n    this._inflate.close();\n    this._inflate = null;\n  }\n\n  if (this._deflate) {\n    if (this._deflate[kCallback])
{\n      this._deflate[kCallback]();\n    }\n\n    this._deflate.close();\n    this._deflate = null;\n  }\n }\n\n /**\n
* Accept an extension negotiation offer.\n * @param {Array} offers The extension negotiation offers\n *
@return {Object} Accepted configuration\n * @private\n */\n acceptAsServer(offered) {\n  const opts =
this._options;\n  const accepted = offered.find((params) => {\n    if (\n      (opts.serverNoContextTakeover ===
false &&\n        params.server_no_context_takeover) ||\n      (params.server_max_window_bits &&\n
(opts.serverMaxWindowBits === false ||\n        (typeof opts.serverMaxWindowBits === 'number' &&\n
opts.serverMaxWindowBits > params.server_max_window_bits))) ||\n      (typeof opts.clientMaxWindowBits ===
'number' &&\n        !params.client_max_window_bits)\n    ) {\n      return false;\n    }\n\n    return true;\n
  });\n\n  if (!accepted) {\n    throw new Error('None of the extension offers can be accepted');\n  }\n\n  if
(opts.serverNoContextTakeover) {\n    accepted.server_no_context_takeover = true;\n  }\n  if
(opts.clientNoContextTakeover) {\n    accepted.client_no_context_takeover = true;\n  }\n  if (typeof
opts.serverMaxWindowBits === 'number') {\n    accepted.server_max_window_bits =
opts.serverMaxWindowBits;\n  }\n  if (typeof opts.clientMaxWindowBits === 'number') {\n
accepted.client_max_window_bits = opts.clientMaxWindowBits;\n  } else if (\n
accepted.client_max_window_bits === true ||\n    opts.clientMaxWindowBits === false\n  ) {\n    delete
accepted.client_max_window_bits;\n  }\n\n  return accepted;\n }\n\n /**\n * Accept the extension negotiation
response.\n * @param {Array} response The extension negotiation response\n * @return {Object} Accepted
configuration\n * @private\n */\n acceptAsClient(response) {\n  const params = response[0];\n\n  if (\n
this._options.clientNoContextTakeover === false &&\n    params.client_no_context_takeover\n  ) {\n    throw
new Error('Unexpected parameter \"client_no_context_takeover\");\n  }\n\n  if
(!params.client_max_window_bits) {\n    if (typeof this._options.clientMaxWindowBits === 'number') {\n
params.client_max_window_bits = this._options.clientMaxWindowBits;\n    }\n  } else if (\n
this._options.clientMaxWindowBits === false ||\n    (typeof this._options.clientMaxWindowBits === 'number'
&&\n      params.client_max_window_bits > this._options.clientMaxWindowBits)\n  ) {\n    throw new Error(\n
'Unexpected or invalid parameter \"client_max_window_bits\";\n  );\n  }\n\n  return params;\n }\n\n /**\n
* Normalize parameters.\n * @param {Array} configurations The extension negotiation offers/reponse\n *
@return {Array} The offers/response with normalized parameters\n * @private\n */\n
normalizeParams(configurations) {\n  configurations.forEach((params) => {\n
Object.keys(params).forEach((key) => {\n    let value = params[key];\n\n    if (value.length > 1) {\n      throw
new Error('Parameter \"${key}\" must have only a single value');\n    }\n\n    value = value[0];\n\n    if (key
=== 'client_max_window_bits') {\n      if (value !== true) {\n        const num = +value;\n        if
(!Number.isInteger(num) || num < 8 || num > 15) {\n          throw new TypeError(\n
`Invalid value for parameter \"${key}\": ${value}`\n          );\n        }\n        value = num;\n      } else if (!this._isServer) {\n
throw new TypeError(\n
`Invalid value for parameter \"${key}\": ${value}`\n          );\n        }\n      }\n    } else if (key === 'server_max_window_bits') {\n      const num = +value;\n      if (!Number.isInteger(num) ||
num < 8 || num > 15) {\n        throw new TypeError(\n
`Invalid value for parameter \"${key}\":
${value}`\n          );\n        }\n        value = num;\n      } else if (\n        key === 'client_no_context_takeover'

```

```

    key === 'server_no_context_takeover' ) {
      if (value !== true) {
        throw new
        TypeError(`Invalid value for parameter "${key}": ${value}`);
      } else {
        throw new Error(`Unknown parameter "${key}"`);
      }
      params[key] = value;
    }
  }
  return configurations;
}

/**
 * Decompress data. Concurrency limited.
 * @param {Buffer} data
 * Compressed data
 * @param {Boolean} fin Specifies whether or not this is the last fragment
 * @param
 {Function} callback Callback
 * @public
 */
function decompress(data, fin, callback) {
  zlibLimiter.add((done) => {
    this._decompress(data, fin, (err, result) => {
      done();
      callback(err, result);
    });
  });
}

/**
 * Compress data. Concurrency limited.
 * @param {Buffer} data
 * Data to compress
 * @param
 {Boolean} fin Specifies whether or not this is the last fragment
 * @param {Function} callback Callback
 *
 * @public
 */
function compress(data, fin, callback) {
  zlibLimiter.add((done) => {
    this._compress(data, fin, (err,
    result) => {
      done();
      if (err || result) {
        callback(err, result);
      }
    });
  });
}

/**
 * Decompress data.
 * @param {Buffer} data
 * Compressed data
 * @param {Boolean} fin Specifies
 whether or not this is the last fragment
 * @param {Function} callback Callback
 *
 * @private
 */
function _decompress(data, fin, callback) {
  const endpoint = this._isServer ? 'client' : 'server';
  if (!this._inflate) {
    const key = `${endpoint}_max_window_bits`;
    const windowBits =
      typeof this.params[key] !==
      'number'
      ? zlib.Z_DEFAULT_WINDOWBITS
      : this.params[key];
    this._inflate =
      zlib.createInflateRaw({
        ...this._options.zlibInflateOptions,
        windowBits
      });
    this._inflate[kPerMessageDeflate] = this;
    this._inflate[kTotalLength] = 0;
    this._inflate[kBuffers] = [];
    this._inflate.on('error', inflateOnError);
    this._inflate.on('data', inflateOnData);
  }
  this._inflate[kCallback] = callback;
  this._inflate.write(data);
  if (fin) this._inflate.write(TRAILER);
  this._inflate.flush(() => {
    const err = this._inflate[kError];
    if (err) {
      this._inflate.close();
      this._inflate = null;
      callback(err);
      return;
    }
    const data = bufferUtil.concat(
      this._inflate[kBuffers],
      this._inflate[kTotalLength]
    );
    if (fin &&
    this.params[`${endpoint}_no_context_takeover`]) {
      this._inflate.close();
      this._inflate = null;
    } else {
      this._inflate[kTotalLength] = 0;
      this._inflate[kBuffers] = [];
    }
    callback(null, data);
  });
}

/**
 * Compress data.
 * @param {Buffer} data
 * Data to compress
 * @param {Boolean}
 fin Specifies whether or not this is the last fragment
 * @param {Function} callback Callback
 *
 * @private
 */
function _compress(data, fin, callback) {
  const endpoint = this._isServer ? 'server' : 'client';
  if (!this._deflate) {
    const key = `${endpoint}_max_window_bits`;
    const windowBits =
      typeof this.params[key] !==
      'number'
      ? zlib.Z_DEFAULT_WINDOWBITS
      : this.params[key];
    this._deflate =
      zlib.createDeflateRaw({
        ...this._options.zlibDeflateOptions,
        windowBits
      });
    this._deflate[kTotalLength] = 0;
    this._deflate[kBuffers] = [];
    // An `error` event is emitted, only
    on Node.js < 10.0.0, if the `zlib.DeflateRaw`
    instance is closed while data is being processed.
    // This can
    happen if `PerMessageDeflate#cleanup()` is called at the wrong
    // time due to an abnormal WebSocket
    closure.
    // this._deflate.on('error', NOOP);
    this._deflate.on('data', deflateOnData);
  }
  this._deflate[kCallback] = callback;
  this._deflate.write(data);
  this._deflate.flush(zlib.Z_SYNC_FLUSH, ()
  => {
    if (!this._deflate) {
      // This `if` statement is only needed for Node.js < 10.0.0 because as of
      // commit https://github.com/nodejs/node/commit/5e3f5164, the flush
      // callback is no longer called if the
      deflate stream is closed while
      // data is being processed.
      return;
    }
    let data =
      bufferUtil.concat(
        this._deflate[kBuffers],
        this._deflate[kTotalLength]
      );
    if (fin) data =
      data.slice(0, data.length - 4);
    // Ensure that the callback will not be called again in
    // `PerMessageDeflate#cleanup()`.
    this._deflate[kCallback] = null;
    if (fin &&
    this.params[`${endpoint}_no_context_takeover`]) {
      this._deflate.close();
      this._deflate = null;
    } else {
      this._deflate[kTotalLength] = 0;
      this._deflate[kBuffers] = [];
    }
    callback(null, data);
  });
}

module.exports = PerMessageDeflate;

/**
 * The listener of the `zlib.DeflateRaw` stream `data`
 * event.
 * @param {Buffer} chunk
 * A chunk of data
 *
 * @private
 */
function deflateOnData(chunk) {
  this[kBuffers].push(chunk);
  this[kTotalLength] += chunk.length;
}

/**
 * The listener of the
 `zlib.InflateRaw` stream `data` event.
 * @param {Buffer} chunk
 * A chunk of data
 *
 * @private
 */
function inflateOnData(chunk) {
  this[kBuffers].push(chunk);
  this[kTotalLength] += chunk.length;
}

```

```

inflateOnData(chunk) {\n this[kTotalLength] += chunk.length;\n\n if (\n this[kPerMessageDeflate]._maxPayload
< 1 ||\n this[kTotalLength] <= this[kPerMessageDeflate]._maxPayload\n ) {\n this[kBuffers].push(chunk);\n
return;\n }\n\n this[kError] = new RangeError('Max payload size exceeded');\n this[kError][kStatusCode] =
1009;\n this.removeListener('data', inflateOnData);\n this.reset();\n}\n\n/**\n * The listener of the `zlib.InflateRaw`
stream `error` event.\n *\n * @param {Error} err The emitted error\n *\n * @private\n */\nfunction inflateOnError(err)
{\n /\n // There is no need to call `Zlib#close()` as the handle is automatically\n // closed when an error is
emitted.\n /\n this[kPerMessageDeflate]._inflate = null;\n err[kStatusCode] = 1007;\n
this[kCallback](err);\n}\n\n", "use strict";\n\nconst { EMPTY_BUFFER } = require('./constants');\n\n/**\n * Merges
an array of buffers into a new buffer.\n *\n * @param {Buffer[]} list The array of buffers to concat\n *\n * @param
{Number} totalLength The total length of buffers in the list\n *\n * @return {Buffer} The resulting buffer\n *\n
* @public\n */\nfunction concat(list, totalLength) {\n if (list.length === 0) return EMPTY_BUFFER;\n if (list.length
=== 1) return list[0];\n\n const target = Buffer.allocUnsafe(totalLength);\n let offset = 0;\n\n for (let i = 0; i <
list.length; i++) {\n const buf = list[i];\n target.set(buf, offset);\n offset += buf.length;\n }\n\n if (offset <
totalLength) return target.slice(0, offset);\n\n return target;\n}\n\n/**\n * Masks a buffer using the given mask.\n\n
*\n * @param {Buffer} source The buffer to mask\n *\n * @param {Buffer} mask The mask to use\n *\n * @param
{Buffer} output The buffer where to store the result\n *\n * @param {Number} offset The offset at which to start
writing\n *\n * @param {Number} length The number of bytes to mask.\n *\n * @public\n */\nfunction _mask(source,
mask, output, offset, length) {\n for (let i = 0; i < length; i++) {\n output[offset + i] = source[i] ^ mask[i & 3];\n
}\n}\n\n/**\n * Unmasks a buffer using the given mask.\n *\n * @param {Buffer} buffer The buffer to unmask\n *\n
* @param {Buffer} mask The mask to use\n *\n * @public\n */\nfunction _unmask(buffer, mask) {\n // Required until
https://github.com/nodejs/node/issues/9006 is resolved.\n const length = buffer.length;\n for (let i = 0; i < length;
i++) {\n buffer[i] ^= mask[i & 3];\n }\n}\n\n/**\n * Converts a buffer to an `ArrayBuffer`.\n *\n * @param
{Buffer} buf The buffer to convert\n *\n * @return {ArrayBuffer} Converted buffer\n *\n * @public\n */\nfunction
toArrayBuffer(buf) {\n if (buf.byteLength === buf.buffer.byteLength) {\n return buf.buffer;\n }\n\n return
buf.buffer.slice(buf.byteOffset, buf.byteOffset + buf.byteLength);\n}\n\n/**\n * Converts `data` to a `Buffer`.\n *\n
* @param {*} data The data to convert\n *\n * @return {Buffer} The buffer\n *\n * @throws {TypeError}\n *\n * @public\n
*/\nfunction toBuffer(data) {\n toBuffer.readOnly = true;\n\n if (Buffer.isBuffer(data)) return data;\n\n let buf;\n\n if
(data instanceof ArrayBuffer) {\n buf = Buffer.from(data);\n } else if (ArrayBuffer.isView(data)) {\n buf =
viewToBuffer(data);\n } else {\n buf = Buffer.from(data);\n toBuffer.readOnly = false;\n }\n\n return
buf;\n}\n\n/**\n * Converts an `ArrayBuffer` view into a buffer.\n *\n * @param {(DataView|TypedArray)} view
The view to convert\n *\n * @return {Buffer} Converted view\n *\n * @private\n */\nfunction viewToBuffer(view) {\n
const buf = Buffer.from(view.buffer);\n\n if (view.byteLength !== view.buffer.byteLength) {\n return
buf.slice(view.byteOffset, view.byteOffset + view.byteLength);\n }\n\n return buf;\n}\n\ntry {\n const bufferUtil =
require('bufferutil');\n const bu = bufferUtil.BufferUtil || bufferUtil;\n\n module.exports = {\n concat,\n
mask(source, mask, output, offset, length) {\n if (length < 48) _mask(source, mask, output, offset, length);\n
else bu.mask(source, mask, output, offset, length);\n },\n toArrayBuffer,\n toBuffer,\n unmask(buffer, mask)
{\n if (buffer.length < 32) _unmask(buffer, mask);\n else bu.unmask(buffer, mask);\n }\n };\n} catch (e) /*
istanbul ignore next */ {\n module.exports = {\n concat,\n mask: _mask,\n toArrayBuffer,\n toBuffer,\n
unmask: _unmask\n };\n}\n\n", "use strict";\n\n/**\n * Copyright (c) 2013-present, Facebook, Inc.\n *\n * This source code is
licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n */\n\nif
(process.env.NODE_ENV !== 'production') {\n var ReactIs = require('react-is');\n\n // By explicitly using `prop-
types` you are opting into new development behavior.\n // http://fb.me/prop-types-in-prod\n var
throwOnDirectAccess = true;\n\n module.exports = require('./factoryWithTypeCheckers')(ReactIs.isElement,
throwOnDirectAccess);\n } else {\n // By explicitly using `prop-types` you are opting into new production
behavior.\n // http://fb.me/prop-types-in-prod\n module.exports =
require('./factoryWithThrowingShims')();\n }\n\n", "use strict";\n\nObject.defineProperty(exports, "__esModule", {\n
value: true });\n\nexports.decodeBase64 = exports.lazyStatic = exports.memoizeByReference =
exports.memoizeByShallowEquality = exports.objectsHaveShallowEquality = exports.noop = exports.binarySearch

```

```

= exports.triangle = exports.fract = exports.formatPercent = exports.zeroPad = exports.itReduce = exports.itForEach
= exports.itMap = exports.KeyedSet = exports.getOrThrow = exports.getOrElse = exports.getOrInsert =
exports.sortBy = exports.lastOf = void 0;\nfunction lastOf(ts) {\n  return ts[ts.length - 1] || null;\n}\nexports.lastOf =
= lastOf;\nfunction sortBy(ts, key) {\n  function comparator(a, b) {\n    const keyA = key(a);\n    const keyB =
key(b);\n    return keyA < keyB ? -1 : keyA > keyB ? 1 : 0;\n  }\n  ts.sort(comparator);\n}\nexports.sortBy =
sortBy;\nfunction getOrInsert(map, k, fallback) {\n  if (!map.has(k))\n    map.set(k, fallback(k));\n  return
map.get(k);\n}\nexports.getOrInsert = getOrInsert;\nfunction getOrElse(map, k, fallback) {\n  if (!map.has(k))\n
return fallback(k);\n  return map.get(k);\n}\nexports.getOrElse = getOrElse;\nfunction getOrThrow(map, k) {\n
if (!map.has(k)) {\n  throw new Error(`Expected key ${k}`);\n  }\n  return
map.get(k);\n}\nexports.getOrThrow = getOrThrow;\n\nclass KeyedSet {\n  constructor() {\n    this.map = new
Map();\n  }\n  getOrInsert(t) {\n    const key = t.key;\n    const existing = this.map.get(key);\n    if
(existing)\n      return existing;\n    this.map.set(key, t);\n    return t;\n  }\n  forEach(fn) {\n
this.map.forEach(fn);\n  }\n  [Symbol.iterator]() {\n    return this.map.values();\n  }\n}\nexports.KeyedSet =
KeyedSet;\nfunction* itMap(it, f) {\n  for (let t of it) {\n    yield f(t);\n  }\n}\nexports.itMap = itMap;\nfunction
itForEach(it, f) {\n  for (let t of it) {\n    f(t);\n  }\n}\nexports.itForEach = itForEach;\nfunction itReduce(it, f,
init) {\n  let accum = init;\n  for (let t of it) {\n    accum = f(accum, t);\n  }\n  return
accum;\n}\nexports.itReduce = itReduce;\nfunction zeroPad(s, width) {\n  return new Array(Math.max(width -
s.length, 0) + 1).join('0') + s;\n}\nexports.zeroPad = zeroPad;\nfunction formatPercent(percent) {\n  let
formattedPercent = `${percent.toFixed(0)}%`;\n  if (percent === 100)\n    formattedPercent = '100%';\n  else if
(percent > 99)\n    formattedPercent = '>99%';\n  else if (percent < 0.01)\n    formattedPercent = '<0.01%';\n
else if (percent < 1)\n    formattedPercent = `${percent.toFixed(2)}%`;\n  else if (percent < 10)\n
formattedPercent = `${percent.toFixed(1)}%`;\n  return formattedPercent;\n}\nexports.formatPercent =
formatPercent;\nfunction fract(x) {\n  return x - Math.floor(x);\n}\nexports.fract = fract;\nfunction triangle(x) {\n
return 2.0 * Math.abs(fract(x) - 0.5) - 1.0;\n}\nexports.triangle = triangle;\nfunction binarySearch(lo, hi, f, target,
targetRangeSize = 1) {\n  console.assert(!isNaN(targetRangeSize) && !isNaN(target));\n  while (true) {\n    if
(hi - lo <= targetRangeSize)\n      return [lo, hi];\n    const mid = (hi + lo) / 2;\n    const val = f(mid);\n
if (val < target)\n      lo = mid;\n    else\n      hi = mid;\n  }\n}\nexports.binarySearch =
binarySearch;\nfunction noop(...args) {\n  }\nexports.noop = noop;\nfunction objectsHaveShallowEquality(a, b) {\n
for (let key in a) {\n  if (a[key] !== b[key])\n    return false;\n  }\n  for (let key in b) {\n    if (a[key] !==
b[key])\n      return false;\n  }\n  return true;\n}\nexports.objectsHaveShallowEquality =
objectsHaveShallowEquality;\nfunction memoizeByShallowEquality(cb) {\n  let last = null;\n  return (args) =>
{\n    let result;\n    if (last === null) {\n      result = cb(args);\n      last = { args, result };\n    }\n    return
result;\n  }\n  else if (objectsHaveShallowEquality(last.args, args)) {\n    return last.result;\n  }\n
else {\n    last.args = args;\n    last.result = cb(args);\n    return last.result;\n  }\n}\n}\nexports.memoizeByShallowEquality = memoizeByShallowEquality;\nfunction memoizeByReference(cb) {\n
let last = null;\n  return (args) => {\n    let result;\n    if (last === null) {\n      result = cb(args);\n
last = { args, result };\n    }\n    return result;\n  }\n  else if (last.args === args) {\n    return last.result;\n
  }\n  else {\n    last.args = args;\n    last.result = cb(args);\n    return last.result;\n  }\n}\n}\nexports.memoizeByReference = memoizeByReference;\nfunction lazyStatic(cb) {\n  let last = null;\n
return () => {\n    if (last === null) {\n      last = { result: cb() };\n    }\n    return last.result;\n
  }\n}\n}\nexports.lazyStatic = lazyStatic;\nconst base64lookupTable = lazyStatic(() => {\n  const alphabet =
'ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/';\n  const ret = new
Map();\n  for (let i = 0; i < alphabet.length; i++) {\n    ret.set(alphabet.charAt(i), i);\n  }\n  ret.set('=', -1);\n
return ret;\n});\n\n// NOTE: There are probably simpler solutions to this problem, but I have this written already,\nso\n\nuntil we run into problems with this, let's just use this.\n\n// See: https://developer.mozilla.org/en-US/docs/Web/API/WindowBase64/Base64_encoding_and_decoding#The_Unicode_Problem#The_Unicode_Problem\nfunction decodeBase64(encoded) {\n  // Reference: https://www.rfc-editor.org/rfc/rfc4648.txt\n  const
lookupTable = base64lookupTable();\n  // 3 byte groups are represented as sequences of 4 characters.\n  //\n  //

```

```

"The encoding process represents 24-bit groups of input bits as output
// strings of 4 encoded characters."
//
// "Special processing is performed if fewer than 24 bits are available
// at the end of the data being
encoded. A full encoding quantum is
// always completed at the end of a quantity. When fewer than 24 input
// bits are available in an input group bits with value zero are added
// (on the right) to form an integral number
of 6-bit groups."
if (encoded.length % 4 !== 0) {
  throw new Error('Invalid length for base64 encoded
string. Expected length % 4 = 0, got length = ${encoded.length}');
}
const quartetCount = encoded.length /
4;
let byteCount;
// Special processing is performed if fewer than 24 bits are available
// at the end of the
data being encoded. A full encoding quantum is
// always completed at the end of a quantity. When fewer than
24 input
// bits are available in an input group, bits with value zero are added
// (on the right) to form an
integral number of 6-bit groups. Padding
// at the end of the data is performed using the '=' character. Since
// all base 64 input is an integral number of octets, only the following
// cases can arise:
//
// (1) The final
quantum of encoding input is an integral multiple of 24
// bits; here, the final unit of encoded output will be an
integral
// multiple of 4 characters with no '=' padding.
//
// (2) The final quantum of encoding input
is exactly 8 bits; here, the
// final unit of encoded output will be two characters followed by
// two '='
padding characters.
//
// (3) The final quantum of encoding input is exactly 16 bits; here, the
// final
unit of encoded output will be three characters followed by
// one '=' padding character.
if
(encoded.length >= 4) {
  if (encoded.charAt(encoded.length - 1) === '=') {
    if
(encoded.charAt(encoded.length - 2) === '=') {
      // Case (2)
      byteCount = quartetCount * 3 -
2;
    }
    else {
      // Case (3)
      byteCount = quartetCount * 3 - 1;
    }
  }
  else {
    // Case (1)
    byteCount = quartetCount * 3;
  }
}
else {
  // Case (1)
  byteCount = quartetCount * 3;
}
const bytes = new Uint8Array(byteCount);
let offset = 0;
for (let i =
0; i < quartetCount; i++) {
  const enc1 = encoded.charAt(i * 4 + 0);
  const enc2 = encoded.charAt(i * 4 +
1);
  const enc3 = encoded.charAt(i * 4 + 2);
  const enc4 = encoded.charAt(i * 4 + 3);
  const sextet1
= lookupTable.get(enc1);
  const sextet2 = lookupTable.get(enc2);
  const sextet3 =
lookupTable.get(enc3);
  const sextet4 = lookupTable.get(enc4);
  if (sextet1 === null || sextet2 === null ||
sextet3 === null || sextet4 === null) {
    throw new Error('Invalid quartet at indices ${i * 4} .. ${i * 4 + 3}:
${encoded.substring(i * 4, i * 4 + 3)}');
  }
  bytes[offset++] = (sextet1 << 2) | (sextet2 >> 4);
  if
(enc3 !== '=') {
    bytes[offset++] = ((sextet2 & 15) << 4) | (sextet3 >> 2);
  }
  if (enc4 !== '=') {
    bytes[offset++] = ((sextet3 & 7) << 6) | sextet4;
  }
}
if (offset !== byteCount) {
  throw new
Error('Expected to decode ${byteCount} bytes, but only decoded ${offset}');
}
return
bytes;
}
exports.decodeBase64 = decodeBase64;
", "use strict"
// A linked list to keep track of recently-used-
ness
const Yallist = require('yallist')
const MAX = Symbol('max')
const LENGTH = Symbol('length')
const
LENGTH_CALCULATOR = Symbol('lengthCalculator')
const ALLOW_STALE = Symbol('allowStale')
const
MAX_AGE = Symbol('maxAge')
const DISPOSE = Symbol('dispose')
const NO_DISPOSE_ON_SET =
Symbol('noDisposeOnSet')
const LRU_LIST = Symbol('lruList')
const CACHE = Symbol('cache')
const
UPDATE_AGE_ON_GET = Symbol('updateAgeOnGet')
const naiveLength = () => 1
// lruList is a yallist
where the head is the youngest
// item, and the tail is the oldest. the list contains the Hit
// objects as the
entries.
// Each Hit object has a reference to its Yallist.Node. This
// never changes.
//
// cache is a Map (or
PseudoMap) that matches the keys to
// the Yallist.Node object.
class LRUCache {
  constructor (options) {
    if (typeof options === 'number')
options = { max: options }
    if (!options)
options = {}
    if
(options.max && (typeof options.max !== 'number' || options.max < 0))
throw new TypeError('max must be a
non-negative number')
// Kind of weird to have a default max of Infinity, but oh well.
const max =
this[MAX] = options.max || Infinity
const lc = options.length || naiveLength
this[LENGTH_CALCULATOR] = (typeof lc !== 'function') ? naiveLength : lc
this[ALLOW_STALE] =
options.stale || false
if (options.maxAge && typeof options.maxAge !== 'number')
throw new
TypeError('maxAge must be a number')
this[MAX_AGE] = options.maxAge || 0
this[DISPOSE] =
options.dispose
this[NO_DISPOSE_ON_SET] = options.noDisposeOnSet || false
this[UPDATE_AGE_ON_GET] = options.updateAgeOnGet || false
this.reset()
}
// resize the cache when

```



```

the max changes.\n set max (mL) {\n  if (typeof mL !== 'number' || mL < 0)\n    throw new TypeError('max must
be a non-negative number')\n  this[MAX] = mL || Infinity\n  trim(this)\n }\n get max () {\n  return
this[MAX]\n }\n\n set allowStale (allowStale) {\n  this[ALLOW_STALE] = !!allowStale\n }\n get allowStale ()
{\n  return this[ALLOW_STALE]\n }\n\n set maxAge (mA) {\n  if (typeof mA !== 'number')\n    throw new
TypeError('maxAge must be a non-negative number')\n  this[MAX_AGE] = mA\n  trim(this)\n }\n get
maxAge () {\n  return this[MAX_AGE]\n }\n\n // resize the cache when the lengthCalculator changes.\n set
lengthCalculator (IC) {\n  if (typeof IC !== 'function')\n    IC = naiveLength\n\n  if (IC !==
this[LENGTH_CALCULATOR]) {\n    this[LENGTH_CALCULATOR] = IC\n    this[LENGTH] = 0\n
this[LRU_LIST].forEach(hit => {\n    hit.length = this[LENGTH_CALCULATOR](hit.value, hit.key)\n
this[LENGTH] += hit.length\n  })\n  }\n  trim(this)\n }\n get lengthCalculator () { return
this[LENGTH_CALCULATOR] }\n\n get length () { return this[LENGTH] }\n get itemCount () { return
this[LRU_LIST].length }\n\n rforEach (fn, thisp) {\n  thisp = thisp || this\n  for (let walker =
this[LRU_LIST].tail; walker !== null;) {\n    const prev = walker.prev\n    forEachStep(this, fn, walker, thisp)\n
walker = prev\n  }\n }\n\n forEach (fn, thisp) {\n  thisp = thisp || this\n  for (let walker = this[LRU_LIST].head;
walker !== null;) {\n    const next = walker.next\n    forEachStep(this, fn, walker, thisp)\n    walker = next\n
}\n }\n\n keys () {\n  return this[LRU_LIST].toArray().map(k => k.key)\n }\n\n values () {\n  return
this[LRU_LIST].toArray().map(k => k.value)\n }\n\n reset () {\n  if (this[DISPOSE] &&\n    this[LRU_LIST]
&&\n    this[LRU_LIST].length) {\n    this[LRU_LIST].forEach(hit => this[DISPOSE](hit.key, hit.value))\n
}\n\n  this[CACHE] = new Map() // hash of items by key\n  this[LRU_LIST] = new Yallist() // list of items in
order of use recency\n  this[LENGTH] = 0 // length of items in the list\n }\n\n dump () {\n  return
this[LRU_LIST].map(hit =>{\n    isStale(this, hit) ? false : {\n      k: hit.key,\n      v: hit.value,\n      e: hit.now +
(hit.maxAge || 0)\n    }).toArray().filter(h => h)\n }\n }\n\n dumpLru () {\n  return this[LRU_LIST]\n }\n\n set
(key, value, maxAge) {\n  maxAge = maxAge || this[MAX_AGE]\n  if (maxAge && typeof maxAge !==
'number')\n    throw new TypeError('maxAge must be a number')\n  const now = maxAge ? Date.now() : 0\n
const len = this[LENGTH_CALCULATOR](value, key)\n  if (this[CACHE].has(key)) {\n    if (len >
this[MAX]) {\n      del(this, this[CACHE].get(key))\n      return false\n    }\n    const node =
this[CACHE].get(key)\n    const item = node.value\n    // dispose of the old one before overwriting\n    // split
out into 2 ifs for better coverage tracking\n    if (this[DISPOSE]) {\n      if (!this[NO_DISPOSE_ON_SET])\n        this[DISPOSE](key, item.value)\n    }\n    item.now = now\n    item.maxAge = maxAge\n    item.value =
value\n    this[LENGTH] += len - item.length\n    item.length = len\n    this.get(key)\n    trim(this)\n    return
true\n  }\n\n  const hit = new Entry(key, value, len, now, maxAge)\n  // oversized objects fall out of cache
automatically.\n  if (hit.length > this[MAX]) {\n    if (this[DISPOSE])\n      this[DISPOSE](key, value)\n\n
return false\n  }\n  this[LENGTH] += hit.length\n  this[LRU_LIST].unshift(hit)\n  this[CACHE].set(key,
this[LRU_LIST].head)\n  trim(this)\n  return true\n }\n\n has (key) {\n  if (!this[CACHE].has(key)) return
false\n  const hit = this[CACHE].get(key).value\n  return !isStale(this, hit)\n }\n\n get (key) {\n  return get(this,
key, true)\n }\n\n peek (key) {\n  return get(this, key, false)\n }\n\n pop () {\n  const node =
this[LRU_LIST].tail\n  if (!node)\n    return null\n\n  del(this, node)\n  return node.value\n }\n\n del (key) {\n
del(this, this[CACHE].get(key))\n }\n\n load (arr) {\n  // reset the cache\n  this.reset()\n  const now =
Date.now()\n  // A previous serialized cache has the most recent items first\n  for (let l = arr.length - 1; l >= 0; l--)
{\n    const hit = arr[l]\n    const expiresAt = hit.e || 0\n    if (expiresAt === 0)\n      // the item was created
without expiration in a non aged cache\n      this.set(hit.k, hit.v)\n    else {\n      const maxAge = expiresAt -
now\n      // dont add already expired items\n      if (maxAge > 0) {\n        this.set(hit.k, hit.v, maxAge)\n      }\n
}\n  }\n }\n\n prune () {\n  this[CACHE].forEach((value, key) => get(this, key, false))\n }\n\n\nconst get =
(self, key, doUse) => {\n  const node = self[CACHE].get(key)\n  if (node) {\n    const hit = node.value\n    if
(isStale(self, hit)) {\n      del(self, node)\n      if (!self[ALLOW_STALE])\n        return undefined\n    } else {\n      if
(doUse) {\n        if (self[UPDATE_AGE_ON_GET])\n          node.value.now = Date.now()\n        self[LRU_LIST].unshiftNode(node)\n      }\n    }\n    return hit.value\n  }\n\n\nconst isStale = (self, hit) => {\n  if
(!hit || (!hit.maxAge && !self[MAX_AGE]))\n    return false\n\n  const diff = Date.now() - hit.now\n  return

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hit.maxAge ? diff > hit.maxAge\n  : self[MAX_AGE] && (diff > self[MAX_AGE])\n}\n\nconst trim = self => {\n
if (self[LENGTH] > self[MAX]) {\n  for (let walker = self[LRU_LIST].tail;\n    self[LENGTH] > self[MAX] &&\n
walker !== null;) {\n    // We know that we're about to delete this one, and also\n    // what the next least recently\n
used key will be, so just\n    // go ahead and set it now.\n    const prev = walker.prev\n    del(self, walker)\n
walker = prev\n  }\n}\n\nconst del = (self, node) => {\n  if (node) {\n    const hit = node.value\n    if\n
(self[DISPOSE])\n    self[DISPOSE](hit.key, hit.value)\n    self[LENGTH] -= hit.length\n
self[CACHE].delete(hit.key)\n    self[LRU_LIST].removeNode(node)\n  }\n}\n\nnclass Entry {\n  constructor (key,\n
value, length, now, maxAge) {\n    this.key = key\n    this.value = value\n    this.length = length\n    this.now =\n
now\n    this.maxAge = maxAge || 0\n  }\n}\n\nconst forEachStep = (self, fn, node, thisp) => {\n  let hit =\n
node.value\n  if (isStale(self, hit)) {\n    del(self, node)\n    if (!self[ALLOW_STALE])\n    hit = undefined\n  }\n  if\n
(hit)\n  fn.call(thisp, hit.value, hit.key, self)\n}\n\nmodule.exports = LRUcache\n", "nvar content =\n
require("!!../../../../../node_modules/css-loader/index.js??ref--6-1!/EditableValue.css");\n\nif(typeof content ===\n
'string') content = [[module.id, content, "]];\n\nvar transform;\n\nvar insertInto;\n\n\n\nvar options =\n
{"hmr":true}\n\noptions.transform = transform\n\noptions.insertInto = undefined;\n\nvar update =\n
require("!!../../../../../node_modules/style-loader/lib/addStyles.js")(content, options);\n\nif(content.locals)\n
module.exports = content.locals;\n\nif(module.hot) {\n  module.hot.accept("!!../../../../../node_modules/css-\n
loader/index.js??ref--6-1!/EditableValue.css", function() {\n    tvar newContent =\n
require("!!../../../../../node_modules/css-loader/index.js??ref--6-1!/EditableValue.css");\n    tift(typeof\n
newContent === 'string') newContent = [[module.id, newContent, "]];\n    tftvar locals = (function(a, b) {\n    tftvar\n
key, idx = 0;\n    tftfor(key in a) {\n    tfttif(!b || a[key] !== b[key]) return\n
false;\n    tfttidx++;\n    tftfor(key in b) idx--;\n    tfttreturn idx === 0;\n    tft}(content.locals,\n
newContent.locals));\n    tftif(!locals) throw new Error('Aborting CSS HMR due to changed css-modules\n
locals.');

```



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1!/UnsupportedVersionDialog.css");\n\nif(typeof content === 'string') content = [[module.id, content, "]];\n\nvar
transform;\nvar insertInto;\n\n\nvar options = {\n  hmr: true\n};\n\noptions.transform = transform\noptions.insertInto
= undefined;\n\nvar update = require("../node_modules/style-loader/lib/addStyles.js")(content,
options);\n\nif(content.locals) module.exports = content.locals;\n\nif(module.hot)
{\n  module.hot.accept("../node_modules/css-loader/index.js??ref--6-1!/UnsupportedVersionDialog.css",
function() {\n    var newContent = require("../node_modules/css-loader/index.js??ref--6-
1!/UnsupportedVersionDialog.css");\n    if(typeof newContent === 'string') newContent = [[module.id,
newContent, "]];\n    var locals = (function(a, b) {\n      var key, idx = 0;\n      for(key in a) {\n        if(!b ||
a[key] !== b[key]) return false;\n        idx++;\n      }\n      for(key in b) idx--;\n      return idx ===
0;\n    })(content.locals, newContent.locals);\n    if(!locals) throw new Error('Aborting CSS HMR due to changed
css-modules locals.);\n    update(newContent);\n  });\n  module.hot.dispose(function() { update();
});\n  "module.exports = require('child_process');", /*\nobject-assign\n(c) Sindre Sorhus\n@license
MIT\n*\n\nuse strict';\n/* eslint-disable no-unused-vars */\nvar getOwnPropertySymbols =
Object.getOwnPropertySymbols;\nvar hasOwnProperty = Object.prototype.hasOwnProperty;\nvar
propIsEnumerable = Object.prototype.propertyIsEnumerable;\n\nfunction toObject(val) {\n  if (val === null || val
=== undefined) {\n    throw new TypeError('Object.assign cannot be called with null or undefined');\n  }\n  return
Object(val);\n}\n\nfunction shouldUseNative() {\n  try {\n    if (!Object.assign) {\n      return false;\n    }\n    //
Detect buggy property enumeration order in older V8 versions.\n  }\n  //
https://bugs.chromium.org/p/v8/issues/detail?id=4118\n  var test1 = new String('abc'); // eslint-disable-line no-
new-wrappers\n  test1[5] = 'de';\n  if (Object.getOwnPropertyNames(test1)[0] === '5') {\n    return
false;\n  }\n  //
https://bugs.chromium.org/p/v8/issues/detail?id=3056\n  var test2 = {};\n  for (var i = 0; i <
10; i++) {\n    test2['_' + String.fromCharCode(i)] = i;\n  }\n  var order2 =
Object.getOwnPropertyNames(test2).map(function (n) {\n    return test2[n];\n  });\n  if (order2.join("") !==
'0123456789') {\n    return false;\n  }\n  //
https://bugs.chromium.org/p/v8/issues/detail?id=3056\n  var test3
= {};\n  test3['abcdefghijklmnopqrst'].split("").forEach(function (letter) {\n    test3[letter] = letter;\n  });\n  if
(Object.keys(Object.assign({}, test3)).join("")) !== 'abcdefghijklmnopqrst') {\n    return
false;\n  }\n  return true;\n} catch (err) {\n  // We don't expect any of the above to throw, but better to be
safe.\n  return false;\n}\n\nmodule.exports = shouldUseNative() ? Object.assign : function (target, source)
{\n  var from;\n  var to = toObject(target);\n  var symbols;\n  for (var s = 1; s < arguments.length; s++) {\n    from
= Object(arguments[s]);\n    for (var key in from) {\n      if (hasOwnProperty.call(from, key)) {\n        to[key] =
from[key];\n      }\n      if (getOwnPropertySymbols) {\n        symbols =
getOwnPropertySymbols(from);\n        for (var i = 0; i < symbols.length; i++) {\n          if
(propIsEnumerable.call(from, symbols[i])) {\n            to[symbols[i]] =
from[symbols[i]];\n          }\n        }\n      }\n    }\n    return to;\n  }\n  "module.exports =
require("http");", "module.exports = require("crypto");", (function(root, factory) {\n  'use strict';\n  // Universal
Module Definition (UMD) to support AMD, CommonJS/Node.js, Rhino, and browsers.\n  /* istanbul ignore next
*\n  if (typeof define === 'function' && define.amd) {\n    define('error-stack-parser', ['stackframe'], factory);\n
  } else if (typeof exports === 'object') {\n    module.exports = factory(require('stackframe'));\n  } else {\n    root.ErrorStackParser = factory(root.StackFrame);\n  }\n})(this, function ErrorStackParser(StackFrame) {\n  'use
strict';\n  var FIREFOX_SAFARI_STACK_REGEXP = /^(@)\S+:\d+;/;\n  var
CHROME_IE_STACK_REGEXP = /^\\s*at .*\\((\\S+:\d+|\\(native\\))/m;\n  var
SAFARI_NATIVE_CODE_REGEXP = /^(eval)?\\(\\[native code\\])?$/;\n  return {\n    /*\n    * Given an
Error object, extract the most information from it.\n    * @param {Error} error object\n    * @return
{Array} of StackFrames\n    * @parse: function ErrorStackParser$parse(error) {\n    if (typeof
error.stacktrace !== 'undefined' || typeof error['opera#sourceloc'] !== 'undefined') {\n      return
this.parseOpera(error);\n    } else if (error.stack && error.stack.match(CHROME_IE_STACK_REGEXP)) {\n
      return this.parseV8OrIE(error);\n    } else if (error.stack) {\n      return
this.parseFFOrSafari(error);\n    } else {\n      throw new Error('Cannot parse given Error object');\n    }\n  }\n}

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}\n    },\n\n    // Separate line and column numbers from a string of the form: (URI:Line:Column)\n\nextractLocation: function ErrorStackParser$$extractLocation(urlLike) {\n    // Fail-fast but return locations like\n    \"(native)\" if (urlLike.indexOf(':') === -1) {\n        return [urlLike];\n    }\n\n    var regExp =\n    /(.+?)(?:((\\d+))?(?:((\\d+))?)$/);\n    var parts = regExp.exec(urlLike.replace(/[/()]/g, ''));\n    return [parts[1],\n    parts[2] || undefined, parts[3] || undefined];\n    },\n\n    parseV8OrIE: function\n    ErrorStackParser$$parseV8OrIE(error) {\n        var filtered = error.stack.split('\\n').filter(function(line) {\n            return !!line.match(CHROME_IE_STACK_REGEXP);\n        }, this);\n\n        return\n        filtered.map(function(line) {\n            if (line.indexOf('(eval ') > -1) {\n                // Throw away eval\n                information until we implement stacktrace.js/stackframe#8\n                line = line.replace(/eval code/g,\n                'eval').replace(/(\\((eval at [^()]*)(\\(|,.*$)/g, ''));\n                var sanitizedLine = line.replace(/^(\\s+/,)\n                ').replace(/^(eval code/g, '(');\n                // capture and preseve the parenthesized location \"(/foo/my\n                bar.js:12:87)\" in\n                // case it has spaces in it, as the string is split on \\s+ later on\n                var location =\n                sanitizedLine.match(/(\\((.+):(\\d+):(\\d+)\\))/);\n                // remove the parenthesized location from the line, if it\n                was matched\n                sanitizedLine = location ? sanitizedLine.replace(location[0], '') : sanitizedLine;\n                var tokens = sanitizedLine.split(/\\s+/).slice(1);\n                // if a location was matched, pass it to extractLocation()\n                otherwise pop the last token\n                var locationParts = this.extractLocation(location ? location[1] :\n                tokens.pop());\n                var functionName = tokens.join(' ') || undefined;\n                var fileName = ['eval',\n                '<anonymous>'].indexOf(locationParts[0]) > -1 ? undefined : locationParts[0];\n                return new\n                StackFrame({\n                    functionName: functionName,\n                    fileName: fileName,\n                    lineNumber: locationParts[1],\n                    columnNumber: locationParts[2],\n                    source: line\n                });\n            }, this);\n        },\n\n        parseFFOrSafari: function ErrorStackParser$$parseFFOrSafari(error) {\n            var filtered = error.stack.split('\\n').filter(function(line) {\n                return\n                !line.match(SAFARI_NATIVE_CODE_REGEXP);\n            }, this);\n\n            return filtered.map(function(line)\n            {\n                // Throw away eval information until we implement stacktrace.js/stackframe#8\n                if\n                (line.indexOf(' > eval') > -1) {\n                    line = line.replace(/ line (\\d+)(?: > eval line \\d+)* > eval:\\d+:\\d+/g,\n                    ':$1');\n                }\n\n                if (line.indexOf('@') === -1 && line.indexOf(':') === -1) {\n                    // Safari\n                    eval frames only have function names and nothing else\n                    return new StackFrame({\n                        functionName: line\n                    });\n                } else {\n                    var functionNameRegex =\n                    /((.*\".+\"|^@]*)?[^@]*(?:@)/;\n                    var matches = line.match(functionNameRegex);\n                    var\n                    functionName = matches && matches[1] ? matches[1] : undefined;\n                    var locationParts =\n                    this.extractLocation(line.replace(functionNameRegex, ''));\n                    return new StackFrame({\n                        functionName: functionName,\n                        fileName: locationParts[0],\n                        lineNumber:\n                        locationParts[1],\n                        columnNumber: locationParts[2],\n                        source: line\n                    });\n                }\n            }, this);\n        },\n\n        parseOpera: function ErrorStackParser$$parseOpera(e) {\n            if\n            (!e.stacktrace || (e.message.indexOf('\\n') > -1 &&\n            e.message.split('\\n').length >\n            e.stacktrace.split('\\n').length)) {\n                return this.parseOpera9(e);\n            } else if (!e.stack) {\n                return this.parseOpera10(e);\n            } else {\n                return this.parseOpera11(e);\n            }\n        },\n\n        parseOpera9: function ErrorStackParser$$parseOpera9(e) {\n            var lineRE = /Line (\\d+).*script(?:in\n            )?(\\S+)/i;\n            var lines = e.message.split('\\n');\n            var result = [];\n            for (var i = 2, len =\n            lines.length; i < len; i += 2) {\n                var match = lineRE.exec(lines[i]);\n                if (match) {\n                    result.push(new StackFrame({\n                        fileName: match[2],\n                        lineNumber: match[1],\n                        source: lines[i]\n                    }));\n                }\n            }\n            return result;\n        },\n\n        parseOpera10: function ErrorStackParser$$parseOpera10(e) {\n            var lineRE = /Line (\\d+).*script(?:in\n            )?(\\S+)(?: In function (\\S+))?$/i;\n            var lines = e.stacktrace.split('\\n');\n            var result = [];\n            for\n            (var i = 0, len = lines.length; i < len; i += 2) {\n                var match = lineRE.exec(lines[i]);\n                if (match)\n                {\n                    result.push(\n                    new StackFrame({\n                        functionName: match[3] ||\n                        undefined,\n                        fileName: match[2],\n                        lineNumber: match[1],\n                        source: lines[i]\n                    }));\n                }\n            }\n            return result;\n        },\n\n        //

```

```
Opera 10.65+ Error.stack very similar to FF/Safari\n parseOpera11: function
ErrorStackParser$$parseOpera11(error) {\n      var filtered = error.stack.split('\n').filter(function(line) {\n
return !!line.match(FIREFOX_SAFARI_STACK_REGEXP) && !line.match(/^Error created at/);\n      },
this);\n\n      return filtered.map(function(line) {\n      var tokens = line.split('@);\n      var
locationParts = this.extractLocation(tokens.pop());\n      var functionCall = (tokens.shift() || '');\n      var
functionName = functionCall\n          .replace(</anonymous function: (\\w+)?>/, '$2')\n
.replace(/^[^)]*(\\)/g, ") || undefined);\n      var argsRaw;\n      if (functionCall.match(/^[^)]*(\\)/)) {\n
argsRaw = functionCall.replace(/^[^)]*(\\)/g, '$1');\n      }\n      var args = (argsRaw
=== undefined || argsRaw === '[arguments not available]') ?\n      undefined : argsRaw.split(',);\n\n
return new StackFrame({\n      functionName: functionName,\n      args: args,\n
fileName: locationParts[0],\n      lineNumber: locationParts[1],\n      columnNumber:
locationParts[2],\n      source: line\n      });\n      }, this);\n      }\n      );\n\n      nvar content =
require('!!.../..../node_modules/css-loader/index.js??ref--6-1!/Badge.css');\n      nif(typeof content === 'string')
content = [[module.id, content, ''];\n      nvar transform;\n      nvar insertInto;\n      nvar options =
{'hmr':true}\n      noptions.transform = transform\n      noptions.insertInto = undefined;\n      nvar update =
require('!!.../..../node_modules/style-loader/lib/addStyles.js')(content, options);\n      nif(content.locals)
module.exports = content.locals;\n      nif(module.hot) {\n      module.hot.accept('!!.../..../node_modules/css-
loader/index.js??ref--6-1!/Badge.css', function() {\n      tvar newContent =
require('!!.../..../node_modules/css-loader/index.js??ref--6-1!/Badge.css');\n      tif(typeof newContent ===
'string') newContent = [[module.id, newContent, ''];\n      tvar locals = (function(a, b) {\n      tvar key, idx =
0;\n      tfor(key in a) {\n      tif(!b || a[key] !== b[key]) return false;\n      tidx++;\n      t}\n      tfor(key in b) idx-
-;\n      treturn idx === 0;\n      t}(content.locals, newContent.locals));\n      tif(!locals) throw new Error('Aborting
CSS HMR due to changed css-modules
locals.);\n      tupdate(newContent);\n      t});\n      module.hot.dispose(function() { update(); });\n      }, '\n      nvar content =
require('!!.../..../node_modules/css-loader/index.js??ref--6-1!/Button.css');\n      nif(typeof content === 'string')
content = [[module.id, content, ''];\n      nvar transform;\n      nvar insertInto;\n      nvar options =
{'hmr':true}\n      noptions.transform = transform\n      noptions.insertInto = undefined;\n      nvar update =
require('!!.../..../node_modules/style-loader/lib/addStyles.js')(content, options);\n      nif(content.locals)
module.exports = content.locals;\n      nif(module.hot) {\n      module.hot.accept('!!.../..../node_modules/css-
loader/index.js??ref--6-1!/Button.css', function() {\n      tvar newContent = require('!!.../..../node_modules/css-
loader/index.js??ref--6-1!/Button.css');\n      tif(typeof newContent === 'string') newContent = [[module.id,
newContent, ''];\n      tvar locals = (function(a, b) {\n      tvar key, idx = 0;\n      tfor(key in a) {\n      tif(!b ||
a[key] !== b[key]) return false;\n      tidx++;\n      t}\n      tfor(key in b) idx--;\n      treturn idx ===
0;\n      t}(content.locals, newContent.locals));\n      tif(!locals) throw new Error('Aborting CSS HMR due to changed
css-modules locals.);\n      tupdate(newContent);\n      t});\n      module.hot.dispose(function() { update(); });\n      }, '\n      nvar
content = require('!!.../..../node_modules/css-loader/index.js??ref--6-
1!/SelectedTreeHighlight.css');\n      nif(typeof content === 'string') content = [[module.id, content, ''];\n      nvar
transform;\n      nvar insertInto;\n      nvar options = {'hmr':true}\n      noptions.transform = transform\n      noptions.insertInto
= undefined;\n      nvar update = require('!!.../..../node_modules/style-loader/lib/addStyles.js')(content,
options);\n      nif(content.locals) module.exports = content.locals;\n      nif(module.hot)
{\n      module.hot.accept('!!.../..../node_modules/css-loader/index.js??ref--6-1!/SelectedTreeHighlight.css',
function() {\n      tvar newContent = require('!!.../..../node_modules/css-loader/index.js??ref--6-
1!/SelectedTreeHighlight.css');\n      tif(typeof newContent === 'string') newContent = [[module.id, newContent,
''];\n      tvar locals = (function(a, b) {\n      tvar key, idx = 0;\n      tfor(key in a) {\n      tif(!b || a[key] !==
b[key]) return false;\n      tidx++;\n      t}\n      tfor(key in b) idx--;\n      treturn idx === 0;\n      t}(content.locals,
newContent.locals));\n      tif(!locals) throw new Error('Aborting CSS HMR due to changed css-modules
locals.);\n      tupdate(newContent);\n      t});\n      module.hot.dispose(function() { update(); });\n      }, '\n      nvar content =
require('!!.../..../node_modules/css-loader/index.js??ref--6-1!/HocBadges.css');\n      nif(typeof content ===
```

```

'string') content = [[module.id, content, "]];
\n\nvar transform;\nvar insertInto;\n\n\nvar options =
{"hmr":true}\n\noptions.transform = transform\n\noptions.insertInto = undefined;\n\nvar update =
require("../node_modules/style-loader/lib/addStyles.js")(content, options);\n\nif(content.locals)
module.exports = content.locals;\n\nif(module.hot) {\n\tmodule.hot.accept("../node_modules/css-
loader/index.js??ref--6-1!/HocBadges.css", function() {\n\t\tvar newContent =
require("../node_modules/css-loader/index.js??ref--6-1!/HocBadges.css");\n\t\tif(typeof newContent
=== 'string') newContent = [[module.id, newContent, "]];
\n\t\tvar locals = (function(a, b) {\n\t\t\tvar key, idx =
0;\n\t\t\t\tfor(key in a) {\n\t\t\t\t\tif(!b || a[key] !== b[key]) return false;\n\t\t\t\t\tidx++;
\n\t\t\t\t}\n\t\t\t\tfor(key in b) idx--;
\n\t\t\t\treturn idx === 0;\n\t\t\t}(content.locals, newContent.locals));\n\t\t\tif(!locals) throw new Error('Aborting
CSS HMR due to changed css-modules
locals.');

```

```

(onComplete != null) {\n  const duration = now() - start;\n  onComplete(duration);\n} \n\n return
result;\n}\n\nexport function withCallbackPerfMeasurements<T>(\n  markName: string,\n  callback: (done: ()
=> void) => TReturn,\n  onComplete?: number => void,\n): TReturn {\n  const start = now();\n  if
(__PERFORMANCE_PROFILE__) {\n    mark(markName);\n  }\n\n  const done = () => {\n    if
(__PERFORMANCE_PROFILE__) {\n      measure(markName);\n    }\n\n    if (onComplete != null) {\n      const
duration = now() - start;\n      onComplete(duration);\n    }\n  };\n  return callback(done);\n}\n\n","use strict";\n\nconst
EventEmitter = require('events');\nconst https = require('https');\nconst http = require('http');\nconst net =
require('net');\nconst tls = require('tls');\nconst { randomBytes, createHash } = require('crypto');\nconst { URL } =
require('url');\nconst PerMessageDeflate = require('./permessage-deflate');\nconst Receiver =
require('./receiver');\nconst Sender = require('./sender');\nconst {\n  BINARY_TYPES,\n  EMPTY_BUFFER,\n  GUID,\n  kStatusCode,\n  kWebSocket,\n  NOOP\n} = require('./constants');\nconst { addEventListener,
removeEventListener } = require('./event-target');\nconst { format, parse } = require('./extension');\nconst { toBuffer
} = require('./buffer-util');\nconst readyStates = ['CONNECTING', 'OPEN', 'CLOSING', 'CLOSED'];\nconst
protocolVersions = [8, 13];\nconst closeTimeout = 30 * 1000;\n\n/**\n * Class representing a WebSocket.\n *\n * @extends EventEmitter\n */\n\n class WebSocket extends EventEmitter {\n  /**\n   * Create a new `WebSocket`.\n   *\n   * @param {(String|url.URL)} address The URL to which to connect\n   * @param {(String|String[])} protocols
The subprotocols\n   * @param {Object} options Connection options\n   */\n  constructor(address, protocols,
options) {\n    super();\n\n    this.readyState = WebSocket.CONNECTING;\n    this.protocol = "";\n\n    this._binaryType = BINARY_TYPES[0];\n    this._closeFrameReceived = false;\n    this._closeFrameSent = false;\n\n    this._closeMessage = "";\n    this._closeTimer = null;\n    this._closeCode = 1006;\n    this._extensions = {};\n\n    this._receiver = null;\n    this._sender = null;\n    this._socket = null;\n\n    if (address !== null) {\n      this._bufferedAmount = 0;\n      this._isServer = false;\n      this._redirects = 0;\n\n      if (Array.isArray(protocols))\n        {\n          protocols = protocols.join(', '); \n        } else if (typeof protocols === 'object' && protocols !== null) {\n          options = protocols;\n          protocols = undefined;\n        }\n\n      initAsClient(this, address, protocols, options);\n    } else {\n      this._isServer = true;\n    }\n\n    get CONNECTING() {\n      return WebSocket.CONNECTING;\n    }\n    get CLOSING() {\n      return WebSocket.CLOSING;\n    }\n    get CLOSED() {\n      return
WebSocket.CLOSED;\n    }\n    get OPEN() {\n      return WebSocket.OPEN;\n    }\n\n    /**\n     * This deviates from the
WHATWG interface since ws doesn't support the\n     * required default `"blob"` type (instead we define a custom
`"nodebuffer"`\n     * type).\n     */\n    /**\n     * @type {String}\n     */\n    get binaryType() {\n      return this._binaryType;\n    }\n\n    set binaryType(type) {\n      if (!BINARY_TYPES.includes(type)) return;\n\n      this._binaryType = type;\n\n      // Allow to change `binaryType` on the fly.\n      // if (this._receiver) this._receiver._binaryType = type;\n    }\n\n    /**\n     * @type {Number}\n     */\n    get bufferedAmount() {\n      if (!this._socket) return
this._bufferedAmount;\n\n      // `socket.bufferSize` is `undefined` if the socket is closed.\n      // return
(this._socket.bufferSize || 0) + this._sender._bufferedBytes;\n    }\n\n    /**\n     * @type {String}\n     */\n    get
extensions() {\n      return Object.keys(this._extensions).join();\n    }\n\n    /**\n     * Set up the socket and the internal
resources.\n     */\n    /**\n     * @param {net.Socket} socket The network socket between the server and client\n     * @param
{Buffer} head The first packet of the upgraded stream\n     * @param {Number} maxPayload The maximum allowed
message size\n     * @private\n     */\n    setSocket(socket, head, maxPayload) {\n      const receiver = new Receiver(\n
this._binaryType,\n      this._extensions,\n      maxPayload\n      );\n\n      this._sender = new Sender(socket,
this._extensions);\n      this._receiver = receiver;\n      this._socket = socket;\n\n      receiver[kWebSocket] = this;\n
socket[kWebSocket] = this;\n\n      receiver.on('conclude', receiverOnConclude);\n      receiver.on('drain',
receiverOnDrain);\n      receiver.on('error', receiverOnError);\n      receiver.on('message', receiverOnMessage);\n
receiver.on('ping', receiverOnPing);\n      receiver.on('pong', receiverOnPong);\n\n      socket.setTimeout(0);\n
socket.setNoDelay();\n\n      if (head.length > 0) socket.unshift(head);\n\n      socket.on('close', socketOnClose);\n
socket.on('data', socketOnData);\n      socket.on('end', socketOnEnd);\n      socket.on('error', socketOnError);\n\n      this.readyState = WebSocket.OPEN;\n      this.emit('open');\n    }\n\n    /**\n     * Emit the `close` event.\n     */\n    /**\n     * @private\n     */\n    emitClose() {\n      this.readyState = WebSocket.CLOSED;\n\n      if (!this._socket) {\n        this.emit('close', this._closeCode, this._closeMessage);\n        return;\n      }\n\n      if

```



```

(this._extensions[PerMessageDeflate.extensionName]) {\n
this._extensions[PerMessageDeflate.extensionName].cleanup();\n }
\n\n this._receiver.removeAllListeners();\n
this.emit('close', this._closeCode, this._closeMessage);\n }
\n\n /**\n * Start a closing handshake.\n *\n *
+-----+ +-----+ +-----+\n * --|ws.close()-->|close frame|-->|ws.close()|--\n * | +-----+
+ +-----+ +-----+ \n * +-----+ +-----+ \n * CLOSING |ws.close()|<--|close
frame|<--| +-----+ CLOSING\n * +-----+ +-----+ \n * | | | +---+ \n
* +-----+>|fin|---\n * | +---+ | +---+\n * ---|fin|<-----
-----+\n * +---+\n * @param {Number} code Status code explaining why the connection is
closing\n * @param {String} data A string explaining why the connection is closing\n * @public\n */
\n close(code, data) {\n if (this.readyState === WebSocket.CLOSED) return;\n if (this.readyState ===
WebSocket.CONNECTING) {\n const msg = 'WebSocket was closed before the connection was established';\n
return abortHandshake(this, this._req, msg);\n }\n\n if (this.readyState === WebSocket.CLOSING) {\n if
(this._closeFrameSent && this._closeFrameReceived) this._socket.end();\n return;\n }\n\n this.readyState =
WebSocket.CLOSING;\n this._sender.close(code, data, !this._isServer, (err) => {\n //\n // This error is
handled by the `error` listener on the socket. We only\n // want to know if the close frame has been sent here.\n
//\n if (err) return;\n\n this._closeFrameSent = true;\n if (this._closeFrameReceived) this._socket.end();\n
});\n\n //\n // Specify a timeout for the closing handshake to complete.\n //\n this._closeTimer =
setTimeout(\n this._socket.destroy.bind(this._socket),\n closeTimeout\n );\n }\n\n /**\n * Send a ping.\n
*\n * @param {*} data The data to send\n * @param {Boolean} mask Indicates whether or not to mask `data`\n
* @param {Function} cb Callback which is executed when the ping is sent\n * @public\n */
\n ping(data, mask, cb) {\n if (this.readyState === WebSocket.CONNECTING) {\n throw new Error('WebSocket is not open:
readyState 0 (CONNECTING)');\n }\n\n if (typeof data === 'function') {\n cb = data;\n data = mask =
undefined;\n } else if (typeof mask === 'function') {\n cb = mask;\n mask = undefined;\n }\n\n if (typeof
data === 'number') data = data.toString();\n\n if (this.readyState !== WebSocket.OPEN) {\n
sendAfterClose(this, data, cb);\n return;\n }\n\n if (mask === undefined) mask = !this._isServer;\n
this._sender.ping(data || EMPTY_BUFFER, mask, cb);\n }\n\n /**\n * Send a pong.\n *\n * @param {*} data
The data to send\n * @param {Boolean} mask Indicates whether or not to mask `data`\n * @param {Function} cb
Callback which is executed when the pong is sent\n * @public\n */
\n pong(data, mask, cb) {\n if
(this.readyState === WebSocket.CONNECTING) {\n throw new Error('WebSocket is not open: readyState 0
(CONNECTING)');\n }\n\n if (typeof data === 'function') {\n cb = data;\n data = mask = undefined;\n }
else if (typeof mask === 'function') {\n cb = mask;\n mask = undefined;\n }\n\n if (typeof data ===
'number') data = data.toString();\n\n if (this.readyState !== WebSocket.OPEN) {\n sendAfterClose(this, data,
cb);\n return;\n }\n\n if (mask === undefined) mask = !this._isServer;\n this._sender.pong(data ||
EMPTY_BUFFER, mask, cb);\n }\n\n /**\n * Send a data message.\n *\n * @param {*} data The message to
send\n * @param {Object} options Options object\n * @param {Boolean} options.compress Specifies whether or
not to compress\n * @param {Boolean} options.binary Specifies whether `data` is binary or text\n *
@param {Boolean} options.fin Specifies whether the fragment is the last one\n * @param {Boolean} options.mask
Specifies whether or not to mask `data`\n * @param {Function} cb Callback which is executed when data is
written out\n * @public\n */
\n send(data, options, cb) {\n if (this.readyState === WebSocket.CONNECTING)
{\n throw new Error('WebSocket is not open: readyState 0 (CONNECTING)');\n }\n\n if (typeof options ===
'function') {\n cb = options;\n options = {};\n }\n\n if (typeof data === 'number') data =
data.toString();\n\n if (this.readyState !== WebSocket.OPEN) {\n sendAfterClose(this, data, cb);\n return;\n
}\n\n const opts = {\n binary: typeof data !== 'string',\n mask: !this._isServer,\n compress: true,\n fin:
true,\n ...options\n };\n\n if (!this._extensions[PerMessageDeflate.extensionName]) {\n opts.compress =
false;\n }\n\n this._sender.send(data || EMPTY_BUFFER, opts, cb);\n }\n\n /**\n * Forcibly close the
connection.\n *\n * @public\n */
\n terminate() {\n if (this.readyState === WebSocket.CLOSED) return;\n if
(this.readyState === WebSocket.CONNECTING) {\n const msg = 'WebSocket was closed before the connection
was established';\n return abortHandshake(this, this._req, msg);\n }\n\n if (this._socket) {\n this.readyState

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= WebSocket.CLOSING;\n    this._socket.destroy();\n    }\n  }\n}\n\nreadyStates.forEach((readyState, i) => {\n  WebSocket[readyState] = i;\n});\n\n// Add the `onopen`, `onerror`, `onclose`, and `onmessage` attributes.\n// See\nhttps://html.spec.whatwg.org/multipage/comms.html#the-websocket-interface\n\n['open', 'error', 'close',\n 'message'].forEach((method) => {\n  Object.defineProperty(WebSocket.prototype, `on${method}`, {\n    /**\n     * Return the listener of the event.\n     * @return {(Function|undefined)} The event listener or `undefined`\n     * @public\n     */\n    get() {\n      const listeners = this.listeners(method);\n      for (let i = 0; i < listeners.length; i++)\n        if (listeners[i]._listener) return listeners[i]._listener;\n      return undefined;\n    },\n    /**\n     * Add a listener for the event.\n     * @param {Function} listener The listener to add\n     * @public\n     */\n    set(listener) {\n      const listeners = this.listeners(method);\n      for (let i = 0; i < listeners.length; i++) {\n        // Remove only the listeners added via `addEventListener`\n        if (listeners[i]._listener)\n          this.removeListener(method, listeners[i]);\n        this.addEventListener(method, listener);\n      }\n    }\n  });\n});\n\nWebSocket.prototype.addEventListener =\n  addEventListener;\nWebSocket.prototype.removeEventListener = removeEventListener;\n\nmodule.exports =\n  WebSocket;\n\n/**\n * Initialize a WebSocket client.\n * @param {WebSocket} websocket The client to\n initialize\n * @param {(String|url.URL)} address The URL to which to connect\n * @param {String} protocols The\n subprotocols\n * @param {Object} options Connection options\n * @param {(Boolean|Object)}\n options.perMessageDeflate Enable/disable\n * @param {Number}\n options.handshakeTimeout Timeout in milliseconds for the\n * @param {Number}\n options.protocolVersion Value of the `Sec-WebSocket-Version`\n * @param {String} options.origin\n Value of the `Origin` or\n * @param {String} options.maxPayload The\n maximum allowed message size\n * @param {Boolean} options.followRedirects Whether or not to follow\n redirects\n * @param {Number} options.maxRedirects The maximum number of redirects allowed\n * @private\n */\nfunction initAsClient(websocket, address, protocols, options) {\n  const opts = {\n    protocolVersion:\n      protocolVersions[1],\n    maxPayload: 100 * 1024 * 1024,\n    perMessageDeflate: true,\n    followRedirects: false,\n    maxRedirects: 10,\n    ...options,\n    createConnection: undefined,\n    socketPath: undefined,\n    hostname:\n      undefined,\n    protocol: undefined,\n    timeout: undefined,\n    method: undefined,\n    auth: undefined,\n    host:\n      undefined,\n    path: undefined,\n    port: undefined\n  };\n\n  if (!protocolVersions.includes(opts.protocolVersion))\n    throw new RangeError(`Unsupported protocol version: ${opts.protocolVersion}` +\n      ` (supported versions: ${protocolVersions.join(', ')}`);\n\n  let parsedUrl;\n\n  if (address instanceof URL) {\n    parsedUrl = address;\n    websocket.url = address.href;\n  } else {\n    parsedUrl = new URL(address);\n    websocket.url = address;\n  }\n\n  const isUnixSocket = parsedUrl.protocol === 'ws+unix:';\n\n  if (!parsedUrl.host && (!isUnixSocket || !parsedUrl.pathname))\n    throw new Error(`Invalid URL: ${websocket.url}`);\n\n  const isSecure =\n    parsedUrl.protocol === 'wss:' ||\n    parsedUrl.protocol === 'https:';\n\n  const defaultPort = isSecure ? 443 : 80;\n  const key = randomBytes(16).toString('base64');\n  const get = isSecure ? https.get : http.get;\n  let\n    perMessageDeflate;\n\n  opts.createConnection = isSecure ? tlsConnect : netConnect;\n  opts.defaultPort =\n    opts.defaultPort || defaultPort;\n  opts.port = parsedUrl.port || defaultPort;\n  opts.host =\n    parsedUrl.hostname.startsWith('.') ?\n      parsedUrl.hostname.slice(1, -1) :\n      parsedUrl.hostname;\n  opts.headers =\n    {\n      'Sec-WebSocket-Version': opts.protocolVersion,\n      'Sec-WebSocket-Key': key,\n      Connection: 'Upgrade',\n      Upgrade: 'websocket',\n      ...opts.headers\n    };\n  opts.path =\n    parsedUrl.pathname +\n    parsedUrl.search;\n  opts.timeout =\n    opts.handshakeTimeout;\n\n  if (opts.perMessageDeflate) {\n    perMessageDeflate =\n      new PerMessageDeflate(\n        opts.perMessageDeflate !== true ?\n          opts.perMessageDeflate : {},\n        false,\n        opts.maxPayload\n      );\n    opts.headers['Sec-WebSocket-Extensions'] =\n      format([\n        [PerMessageDeflate.extensionName]:\n          perMessageDeflate.offer()\n      ]);\n  }\n\n  if (protocols) {\n    opts.headers['Sec-WebSocket-Protocol'] =\n      protocols;\n  }\n\n  if (opts.origin) {\n    if (opts.protocolVersion < 13) {\n      opts.headers['Sec-WebSocket-Origin'] =\n        opts.origin;\n    } else {\n      opts.headers.Origin =\n        opts.origin;\n    }\n  }\n\n  if (parsedUrl.username ||\n    parsedUrl.password) {\n    opts.auth =\n      `${parsedUrl.username}:${parsedUrl.password}`;\n  }\n\n  if (isUnixSocket)\n    const parts =\n      opts.path.split(':');\n    opts.socketPath =\n      parts[0];\n    opts.path =\n      parts[1];\n  }\n\n  let req =\n    (websocket._req =\n      get(opts));\n\n  if (opts.timeout) {\n    req.on('timeout', () => {\n      abortHandshake(websocket,\n
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req, 'Opening handshake has timed out');\n  });\n }\n\n req.on('error', (err) => {\n  if (websocket._req.aborted)\n  return;\n\n  req = websocket._req = null;\n  websocket.readyState = WebSocket.CLOSING;\n\n  websocket.emit('error', err);\n  websocket.emitClose();\n });\n\n req.on('response', (res) => {\n  const location =\n  res.headers.location;\n  const statusCode = res.statusCode;\n\n  if (\n  location &&\n  opts.followRedirects\n  &&\n  statusCode >= 300 &&\n  statusCode < 400\n  ) {\n  if (++websocket._redirects >\n  opts.maxRedirects) {\n  abortHandshake(websocket, req, 'Maximum redirects exceeded');\n  return;\n  }\n\n  req.abort();\n\n  const addr = new URL(location, address);\n\n  initAsClient(websocket, addr,\n  protocols, options);\n  } else if (!websocket.emit('unexpected-response', req, res)) {\n  abortHandshake(\n  websocket,\n  req,\n  `Unexpected server response: ${res.statusCode}`\n  );\n  }\n });\n\n req.on('upgrade', (res, socket, head) => {\n  websocket.emit('upgrade', res);\n\n  /\n // The user may have closed\n  the connection from a listener of the `upgrade`\n  // event.\n  /\n if (websocket.readyState !==\n  WebSocket.CONNECTING) return;\n\n  req = websocket._req = null;\n\n  const digest = createHash('sha1')\n  .update(key + GUID)\n  .digest('base64');\n\n  if (res.headers['sec-websocket-accept'] !== digest) {\n  abortHandshake(websocket, socket, 'Invalid Sec-WebSocket-Accept header');\n  return;\n  }\n\n  const\n  serverProt = res.headers['sec-websocket-protocol'];\n  const protList = (protocols || "").split(/, */);\n  let\n  protError;\n\n  if (!protocols && serverProt) {\n  protError = 'Server sent a subprotocol but none was\n  requested';\n  } else if (protocols && !serverProt) {\n  protError = 'Server sent no subprotocol';\n  } else if\n  (serverProt && !protList.includes(serverProt)) {\n  protError = 'Server sent an invalid subprotocol';\n  }\n\n  if\n  (protError) {\n  abortHandshake(websocket, socket, protError);\n  return;\n  }\n\n  if (serverProt)\n  websocket.protocol = serverProt;\n\n  if (perMessageDeflate) {\n  try {\n  const extensions =\n  parse(res.headers['sec-websocket-extensions']);\n\n  if (extensions[PerMessageDeflate.extensionName]) {\n  perMessageDeflate.accept(extensions[PerMessageDeflate.extensionName]);\n\n  websocket._extensions[\n  PerMessageDeflate.extensionName\n  ] = perMessageDeflate;\n  }\n  } catch (err) {\n  abortHandshake(\n  websocket,\n  socket,\n  'Invalid Sec-WebSocket-Extensions header'\n  );\n  return;\n  }\n  }\n\n  websocket.setSocket(socket, head, opts.maxPayload);\n });\n }\n\n /**\n * Create a\n * `net.Socket` and initiate a connection.\n * @param {Object} options Connection options\n * @return\n * {net.Socket} The newly created socket used to start the connection\n * @private\n */\nfunction netConnect(options)\n {\n  options.path = options.socketPath;\n  return net.connect(options);\n }\n\n /**\n * Create a `tls.TLSSocket` and\n  initiate a connection.\n * @param {Object} options Connection options\n * @return {tls.TLSSocket} The newly\n  created socket used to start the connection\n * @private\n */\nfunction tlsConnect(options) {\n  options.path =\n  undefined;\n\n  if (!options.servername && options.servername !== "") {\n  options.servername = options.host;\n  }\n\n  return tls.connect(options);\n }\n\n /**\n * Abort the handshake and emit an error.\n * @param\n * {WebSocket} websocket The WebSocket instance\n * @param {(http.ClientRequest|net.Socket)} stream The\n  request to abort or the\n * socket to destroy\n * @param {String} message The error message\n * @private\n */\nfunction abortHandshake(websocket, stream, message) {\n  websocket.readyState = WebSocket.CLOSING;\n\n  const err = new Error(message);\n  Error.captureStackTrace(err, abortHandshake);\n\n  if (stream.setHeader) {\n  stream.abort();\n  stream.once('abort', websocket.emitClose.bind(websocket));\n  websocket.emit('error', err);\n  }\n  else {\n  stream.destroy(err);\n  stream.once('error', websocket.emit.bind(websocket, 'error'));\n  }\n\n  stream.once('close', websocket.emitClose.bind(websocket));\n }\n }\n\n /**\n * Handle cases where the `ping()`,\n  `pong()`, or `send()` methods are called\n * when the `readyState` attribute is `CLOSING` or `CLOSED`.\n * @param\n * {WebSocket} websocket The WebSocket instance\n * @param {*} data The data to send\n * @param\n * {Function} cb Callback\n * @private\n */\nfunction sendAfterClose(websocket, data, cb) {\n  if (data) {\n  const\n  length = toBuffer(data).length;\n\n  /\n // The `_bufferedAmount` property is used only when the peer is a client\n  and\n // the opening handshake fails. Under these circumstances, in fact, the\n  // `setSocket()` method is not\n  called, so the `_socket` and `_sender`\n  // properties are set to `null`.\n  /\n if (websocket._socket)\n  websocket._sender._bufferedBytes += length;\n  else websocket._bufferedAmount += length;\n  }\n\n  if (cb) {\n  const err = new Error(\n  `WebSocket is not open: readyState ${websocket.readyState}`\n  +\n  ` (${readyStates[websocket.readyState]})`\n  );\n  cb(err);\n  }\n }\n\n /**\n * The listener of the `Receiver`

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`conclude` event.\n * \n * @param {Number} code The status code\n * @param {String} reason The reason for
closing\n * @private\n * \nfunction receiverOnConclude(code, reason) {\n  const websocket =
this[kWebSocket];\n\n  websocket._socket.removeListener('data', socketOnData);\n\n  websocket._socket.resume();\n\n  websocket._closeFrameReceived = true;\n  websocket._closeMessage = reason;\n\n  websocket._closeCode = code;\n\n  if (code === 1005) websocket.close();\n  else websocket.close(code,
reason);\n}\n\n/**\n * The listener of the `Receiver` `drain` event.\n * \n * @private\n * \nfunction
receiverOnDrain() {\n  this[kWebSocket]._socket.resume();\n}\n\n/**\n * The listener of the `Receiver` `error`
event.\n * \n * @param {(RangeError|Error)} err The emitted error\n * @private\n * \nfunction receiverOnError(err)
{\n  const websocket = this[kWebSocket];\n\n  websocket._socket.removeListener('data', socketOnData);\n\n  websocket.readyState = WebSocket.CLOSING;\n  websocket._closeCode = err[kStatusCode];\n\n  websocket.emit('error', err);\n  websocket._socket.destroy();\n}\n\n/**\n * The listener of the `Receiver` `finish`
event.\n * \n * @private\n * \nfunction receiverOnFinish() {\n  this[kWebSocket].emitClose();\n}\n\n/**\n * The
listener of the `Receiver` `message` event.\n * \n * @param {(String|Buffer|ArrayBuffer|Buffer[])} data The
message\n * @private\n * \nfunction receiverOnMessage(data) {\n  this[kWebSocket].emit('message',
data);\n}\n\n/**\n * The listener of the `Receiver` `ping` event.\n * \n * @param {Buffer} data The data included in
the ping frame\n * @private\n * \nfunction receiverOnPing(data) {\n  const websocket = this[kWebSocket];\n\n  websocket.pong(data, !websocket._isServer, NOOP);\n  websocket.emit('ping', data);\n}\n\n/**\n * The listener of
the `Receiver` `pong` event.\n * \n * @param {Buffer} data The data included in the pong frame\n * @private\n
* \nfunction receiverOnPong(data) {\n  this[kWebSocket].emit('pong', data);\n}\n\n/**\n * The listener of the
`net.Socket` `close` event.\n * \n * @private\n * \nfunction socketOnClose() {\n  const websocket =
this[kWebSocket];\n\n  this.removeListener('close', socketOnClose);\n  this.removeListener('end',
socketOnEnd);\n\n  websocket.readyState = WebSocket.CLOSING;\n\n  //\n // The close frame might not have
been received or the `end` event emitted,\n // for example, if the socket was destroyed due to an error. Ensure that
the\n // `receiver` stream is closed after writing any remaining buffered data to\n // it. If the readable side of the
socket is in flowing mode then there is no\n // buffered data as everything has been already written and
`readable.read()`\n // will return `null`. If instead, the socket is paused, any possible buffered\n // data will be read
as a single chunk and emitted synchronously in a single\n // `data` event.\n //\n websocket._socket.read();\n\n  websocket._receiver.end();\n  this.removeListener('data', socketOnData);\n  this[kWebSocket] = undefined;\n\n  clearTimeout(websocket._closeTimer);\n\n  if (\n    websocket._receiver._writableState.finished ||\n    websocket._receiver._writableState.errorEmitted\n  ) {\n    websocket.emitClose();\n  } else {\n\n    websocket._receiver.on('error', receiverOnFinish);\n    websocket._receiver.on('finish', receiverOnFinish);\n  }\n}\n\n/**\n * The listener of the `net.Socket` `data` event.\n * \n * @param {Buffer} chunk A chunk of data\n *
@private\n * \nfunction socketOnData(chunk) {\n  if (!this[kWebSocket]._receiver.write(chunk)) {\n\n    this.pause();\n  }\n}\n\n/**\n * The listener of the `net.Socket` `end` event.\n * \n * @private\n * \nfunction
socketOnEnd() {\n  const websocket = this[kWebSocket];\n\n  websocket.readyState = WebSocket.CLOSING;\n\n  websocket._receiver.end();\n  this.end();\n}\n\n/**\n * The listener of the `net.Socket` `error` event.\n * \n *
@private\n * \nfunction socketOnError() {\n  const websocket = this[kWebSocket];\n\n  this.removeListener('error',
socketOnError);\n  this.on('error', NOOP);\n\n  if (websocket) {\n    websocket.readyState =
WebSocket.CLOSING;\n    this.destroy();\n  }\n}\n\n", "module.exports = require(\"events\");", "module.exports =
require(\"https\");", "use strict";\n\nconst { Writable } = require('stream');\n\nconst PerMessageDeflate =
require('./permessage-deflate');\n\nconst {\n  BINARY_TYPES,\n  EMPTY_BUFFER,\n  kStatusCode,\n  kWebSocket\n} = require('./constants');\n\nconst { concat, toArrayBuffer, unmask } = require('./buffer-util');\n\nconst {
isValidStatusCode, isValidUTF8 } = require('./validation');\n\nconst GET_INFO = 0;\n\nconst
GET_PAYLOAD_LENGTH_16 = 1;\n\nconst GET_PAYLOAD_LENGTH_64 = 2;\n\nconst GET_MASK = 3;\n\nconst
GET_DATA = 4;\n\nconst INFLATING = 5;\n\n/**\n * HyBi Receiver implementation.\n * \n * @extends
stream.Writable\n * \n * class Receiver extends Writable {\n * \n *   /**\n *    * Creates a Receiver instance.\n *    * \n *    * @param
{String} binaryType The type for binary data\n *    * @param {Object} extensions An object containing the negotiated
extensions\n *    * @param {Number} maxPayload The maximum allowed message length\n *    * \n

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constructor(binaryType, extensions, maxPayload) {\n  super();\n\n  this._binaryType = binaryType ||
  BINARY_TYPES[0];\n  this[kWebSocket] = undefined;\n  this._extensions = extensions || {};\n\n  this._maxPayload = maxPayload | 0;\n  this._bufferedBytes = 0;\n  this._buffers = [];\n  this._compressed =
  false;\n  this._payloadLength = 0;\n  this._mask = undefined;\n  this._fragmented = 0;\n  this._masked =
  false;\n  this._fin = false;\n  this._opcode = 0;\n  this._totalPayloadLength = 0;\n  this._messageLength = 0;\n\n  this._fragments = [];\n  this._state = GET_INFO;\n  this._loop = false;\n}

/**\n * Implements
`Writable.prototype._write()`\n * @param {Buffer} chunk The chunk of data to write\n * @param {String}
encoding The character encoding of `chunk`\n * @param {Function} cb Callback\n */\n _write(chunk, encoding,
cb) {\n  if (this._opcode === 0x08 && this._state === GET_INFO) return cb();\n\n  this._bufferedBytes +=
chunk.length;\n  this._buffers.push(chunk);\n  this.startLoop(cb);\n}\n\n/**\n * Consumes `n` bytes from the
buffered data.\n * @param {Number} n The number of bytes to consume\n * @return {Buffer} The
consumed bytes\n * @private\n */\n consume(n) {\n  this._bufferedBytes -= n;\n\n  if (n ===
this._buffers[0].length) return this._buffers.shift();\n\n  if (n < this._buffers[0].length) {\n    const buf =
this._buffers[0];\n    this._buffers[0] = buf.slice(n);\n    return buf.slice(0, n);\n  }\n\n  const dst =
Buffer.allocUnsafe(n);\n\n  do {\n    const buf = this._buffers[0];\n    const offset = dst.length - n;\n\n    if (n >=
buf.length) {\n      dst.set(this._buffers.shift(), offset);\n    } else {\n      dst.set(new Uint8Array(buf.buffer,
buf.byteOffset, n), offset);\n      this._buffers[0] = buf.slice(n);\n    }\n\n    n -= buf.length;\n  } while (n >
0);\n\n  return dst;\n}\n\n/**\n * Starts the parsing loop.\n * @param {Function} cb Callback\n *
@private\n */\n startLoop(cb) {\n  let err;\n  this._loop = true;\n\n  do {\n    switch (this._state) {\n      case
GET_INFO:\n        err = this.getInfo();\n        break;\n      case GET_PAYLOAD_LENGTH_16:\n        err =
this.getPayloadLength16();\n        break;\n      case GET_PAYLOAD_LENGTH_64:\n        err =
this.getPayloadLength64();\n        break;\n      case GET_MASK:\n        this.getMask();\n        break;\n      case
GET_DATA:\n        err = this.getData(cb);\n        break;\n      default:\n        // `INFLATING`\n        this._loop
= false;\n        return;\n    }\n  } while (this._loop);\n\n  cb(err);\n}\n\n/**\n * Reads the first two bytes of a
frame.\n * @return {(RangeError|undefined)} A possible error\n * @private\n */\n getInfo() {\n  if
(this._bufferedBytes < 2) {\n    this._loop = false;\n    return;\n  }\n\n  const buf = this.consume(2);\n\n  if
((buf[0] & 0x30) !== 0x00) {\n    this._loop = false;\n    return error(RangeError, 'RSV2 and RSV3 must be clear',
true, 1002);\n  }\n\n  const compressed = (buf[0] & 0x40) === 0x40;\n\n  if (compressed &&
!this._extensions[PerMessageDeflate.extensionName]) {\n    this._loop = false;\n    return error(RangeError,
'RSV1 must be clear', true, 1002);\n  }\n\n  this._fin = (buf[0] & 0x80) === 0x80;\n  this._opcode = buf[0] &
0x0f;\n  this._payloadLength = buf[1] & 0x7f;\n\n  if (this._opcode === 0x00) {\n    if (compressed) {\n      this._loop
= false;\n      return error(RangeError, 'RSV1 must be clear', true, 1002);\n    }\n\n    if
(!this._fragmented) {\n      this._loop = false;\n      return error(RangeError, 'invalid opcode 0', true, 1002);\n    }\n\n    this._opcode = this._fragmented;\n  } else if (this._opcode === 0x01 || this._opcode === 0x02) {\n    if
(this._fragmented) {\n      this._loop = false;\n      return error(RangeError, `invalid opcode ${this._opcode}`, true,
1002);\n    }\n\n    this._compressed = compressed;\n  } else if (this._opcode > 0x07 && this._opcode < 0x0b)
{\n    if (!this._fin) {\n      this._loop = false;\n      return error(RangeError, 'FIN must be set', true, 1002);\n    }\n\n    if (compressed) {\n      this._loop = false;\n      return error(RangeError, 'RSV1 must be clear', true,
1002);\n    }\n\n    if (this._payloadLength > 0x7d) {\n      this._loop = false;\n      return error(\n
RangeError,\n        `invalid payload length ${this._payloadLength}`,\n        true,\n        1002\n      );\n    }\n  }
else {\n    this._loop = false;\n    return error(RangeError, `invalid opcode ${this._opcode}`, true, 1002);\n  }\n\n  if (!this._fin && !this._fragmented) this._fragmented = this._opcode;\n  this._masked = (buf[1] & 0x80) ===
0x80;\n\n  if (this._payloadLength === 126) this._state = GET_PAYLOAD_LENGTH_16;\n  else if
(this._payloadLength === 127) this._state = GET_PAYLOAD_LENGTH_64;\n  else return this.haveLength();\n}\n\n/**\n * Gets extended payload length (7+16).\n * @return {(RangeError|undefined)} A possible
error\n * @private\n */\n getPayloadLength16() {\n  if (this._bufferedBytes < 2) {\n    this._loop = false;\n    return;\n  }\n\n  this._payloadLength = this.consume(2).readUInt16BE(0);\n  return this.haveLength();\n}\n\n/**\n * Gets extended payload length (7+64).\n * @return {(RangeError|undefined)} A possible error\n *

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@private\n *\n getPayloadLength64() {\n  if (this._bufferedBytes < 8) {\n    this._loop = false;\n    return;\n  }\n  const buf = this.consume(8);\n  const num = buf.readUInt32BE(0);\n  // The maximum safe integer\n  // in JavaScript is 2^53 - 1. An error is returned\n  // if payload length is greater than this number.\n  if (num >\n    Math.pow(2, 53 - 32) - 1) {\n    this._loop = false;\n    return error(\n      RangeError,\n      'Unsupported\n      WebSocket frame: payload length > 2^53 - 1',\n      false,\n      1009\n    );\n  }\n  this._payloadLength =\n    num * Math.pow(2, 32) + buf.readUInt32BE(4);\n  return this.haveLength();\n}\n\n/**\n * Payload length has\n * been read.\n *\n * @return {(RangeError|undefined)} A possible error\n *\n * @private\n *\n * haveLength() {\n  if (this._payloadLength && this._opcode < 0x08) {\n    this._totalPayloadLength += this._payloadLength;\n    if\n      (this._totalPayloadLength > this._maxPayload && this._maxPayload > 0) {\n      this._loop = false;\n      return\n        error(RangeError, 'Max payload size exceeded', false, 1009);\n    }\n  }\n  if (this._masked) this._state =\n    GET_MASK;\n  else this._state = GET_DATA;\n}\n\n/**\n * Reads mask bytes.\n *\n * @private\n *\n * getMask() {\n  if (this._bufferedBytes < 4) {\n    this._loop = false;\n    return;\n  }\n  this._mask =\n    this.consume(4);\n  this._state = GET_DATA;\n}\n\n/**\n * Reads data bytes.\n *\n * @param {Function}\n * cb Callback\n *\n * @return {(Error|RangeError|undefined)} A possible error\n *\n * @private\n *\n * getData(cb) {\n  let data = EMPTY_BUFFER;\n  if (this._payloadLength) {\n    if (this._bufferedBytes < this._payloadLength)\n      {\n        this._loop = false;\n        return;\n      }\n    data = this.consume(this._payloadLength);\n    if\n      (this._masked) unmask(data, this._mask);\n  }\n  if (this._opcode > 0x07) return this.controlMessage(data);\n  if (this._compressed) {\n    this._state = INFLATING;\n    this.decompress(data, cb);\n    return;\n  }\n  if\n    (data.length) {\n    // This message is not compressed so its length is the sum of the payload\n    // length of\n    // all fragments.\n    this._messageLength = this._totalPayloadLength;\n    this._fragments.push(data);\n  }\n  return this.dataMessage();\n}\n\n/**\n * Decompresses data.\n *\n * @param {Buffer} data\n * Compressed data\n *\n * @param {Function} cb Callback\n *\n * @private\n *\n * decompress(data, cb) {\n  const\n    perMessageDeflate = this._extensions[PerMessageDeflate.extensionName];\n  perMessageDeflate.decompress(data, this._fin, (err, buf) => {\n    if (err) return cb(err);\n    if (buf.length) {\n      this._messageLength += buf.length;\n      if (this._messageLength > this._maxPayload && this._maxPayload > 0)\n        {\n          return cb(\n            error(RangeError, 'Max payload size exceeded', false, 1009)\n          );\n        }\n      this._fragments.push(buf);\n    }\n    const er = this.dataMessage();\n    if (er) return cb(er);\n    this.startLoop(cb);\n  });\n}\n\n/**\n * Handles a data message.\n *\n * @return {(Error|undefined)} A\n * possible error\n *\n * @private\n *\n * dataMessage() {\n  if (this._fin) {\n    const messageLength =\n      this._messageLength;\n    const fragments = this._fragments;\n    this._totalPayloadLength = 0;\n    this._messageLength = 0;\n    this._fragmented = 0;\n    this._fragments = [];\n    if (this._opcode === 2) {\n      let data;\n      if (this._binaryType === 'nodebuffer') {\n        data = concat(fragments, messageLength);\n      }\n      else if (this._binaryType === 'arraybuffer') {\n        data = toArrayBuffer(concat(fragments, messageLength));\n      }\n      else {\n        data = fragments;\n      }\n      this.emit('message', data);\n    } else {\n      const buf =\n        concat(fragments, messageLength);\n      if (!isValidUTF8(buf)) {\n        this._loop = false;\n        return\n          error(Error, 'invalid UTF-8 sequence', true, 1007);\n      }\n      this.emit('message', buf.toString());\n    }\n  }\n  this._state = GET_INFO;\n}\n\n/**\n * Handles a control message.\n *\n * @param {Buffer} data\n * Data to handle\n *\n * @return {(Error|RangeError|undefined)} A possible error\n *\n * @private\n *\n * controlMessage(data) {\n  if (this._opcode === 0x08) {\n    this._loop = false;\n    if (data.length === 0) {\n      this.emit('conclude', 1005, '');\n      this.end();\n    } else if (data.length === 1) {\n      return error(RangeError,\n        'invalid payload length 1', true, 1002);\n    } else {\n      const code = data.readUInt16BE(0);\n      if\n        (!isValidStatusCode(code)) {\n          return error(RangeError, `invalid status code ${code}`, true, 1002);\n        }\n      const buf = data.slice(2);\n      if (!isValidUTF8(buf)) {\n        return error(Error, 'invalid UTF-8 sequence',\n          true, 1007);\n      }\n      this.emit('conclude', code, buf.toString());\n      this.end();\n    }\n  } else if\n    (this._opcode === 0x09) {\n    this.emit('ping', data);\n  } else {\n    this.emit('pong', data);\n  }\n  this._state\n    = GET_INFO;\n}\n\nmodule.exports = Receiver;\n\n/**\n * Builds an error object.\n *\n * @param\n * {(Error|RangeError)} ErrorCtor The error constructor\n *\n * @param {String} message The error message\n *\n * @param {Boolean} prefix Specifies whether or not to add a default prefix to\n * `message`\n *\n * @param

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{Number} statusCode The status code\n * @return {(Error|RangeError)} The error\n * @private\n */\nfunction\nerror(ErrorCtor, message, prefix, statusCode) {\n  const err = new ErrorCtor(\n    prefix ? `Invalid WebSocket\nframe: ${message}` : message\n  );\n  Error.captureStackTrace(err, error);\n  err[kStatusCode] = statusCode;\n  return err;\n}\n\n,\"module,exports = require(\"stream\");\n\"use strict\";\n\ntry {\n  const isValidUTF8 = require('utf-8-\nvalidate');\n  exports.isValidUTF8 =\n    typeof isValidUTF8 === 'object'\n      ?\n      isValidUTF8.Validation.isValidUTF8 // utf-8-validate@<3.0.0\n        : isValidUTF8;\n} catch (e) /* istanbul ignore\nnext */ {\n  exports.isValidUTF8 = () => true;\n}\n\n/**\n * Checks if a status code is allowed in a close frame.\n *\n * @param {Number} code The status code\n * @return {Boolean} `true` if the status code is valid, else `false`\n *\n * @public\n */\nexports.isValidStatusCode = (code) => {\n  return (\n    (code >= 1000 &&\n      code <= 1013\n      &&\n      code !== 1004 &&\n      code !== 1005 &&\n      code !== 1006) ||\n    (code >= 3000 &&\n      code <= 4999)\n  );\n};\n\n,\"use strict\";\n\nconst { randomFillSync } = require('crypto');\nconst PerMessageDeflate =\n  require('./permessage-deflate');\nconst { EMPTY_BUFFER } = require('./constants');\nconst { isValidStatusCode } =\n  require('./validation');\nconst { mask: applyMask, toBuffer } = require('./buffer-util');\n\nconst mask =\n  Buffer.alloc(4);\n\n/**\n * HyBi Sender implementation.\n */\n\nclass Sender {\n  /**\n   * Creates a Sender\n   instance.\n   *\n   * @param {net.Socket} socket The connection socket\n   * @param {Object} extensions An\n   object containing the negotiated extensions\n   *\n   * @constructor(socket, extensions) {\n   this._extensions =\n   extensions || {};\n   this._socket = socket;\n   this._firstFragment = true;\n   this._compress = false;\n   this._bufferedBytes = 0;\n   this._deflating = false;\n   this._queue = [];\n   }\n   *\n   * Frames a piece of data\n   according to the HyBi WebSocket protocol.\n   *\n   * @param {Buffer} data The data to frame\n   * @param\n   {Object} options Options object\n   * @param {Number} options.opcode The opcode\n   * @param {Boolean}\n   options.readOnly Specifies whether `data` can be modified\n   * @param {Boolean}\n   options.fin Specifies whether or not to set the FIN bit\n   * @param {Boolean}\n   options.mask Specifies whether or not to mask `data`\n   *\n   * @param {Boolean}\n   options.rsv1 Specifies whether or not to set the RSV1 bit\n   * @return {Buffer[]} The framed\n   data as a list of `Buffer` instances\n   *\n   * @public\n   */\n  static frame(data, options) {\n    const merge =\n      options.mask &&\n      options.readOnly;\n    let offset = options.mask ? 6 : 2;\n    let payloadLength = data.length;\n\n    if (data.length >= 65536) {\n      offset += 8;\n      payloadLength = 127;\n    } else if (data.length > 125) {\n      offset += 2;\n      payloadLength = 126;\n    }\n\n    const target = Buffer.allocUnsafe(merge ? data.length + offset :\n      offset);\n    target[0] = options.fin ? options.opcode | 0x80 : options.opcode;\n    if (options.rsv1) target[0] |=\n      0x40;\n    target[1] = payloadLength;\n    if (payloadLength === 126) {\n      target.writeUInt16BE(data.length,\n        2);\n    } else if (payloadLength === 127) {\n      target.writeUInt32BE(0, 2);\n      target.writeUInt32BE(data.length,\n        6);\n    }\n\n    if (!options.mask) return [target, data];\n\n    randomFillSync(mask, 0, 4);\n    target[1] |= 0x80;\n    target[offset - 4] = mask[0];\n    target[offset - 3] = mask[1];\n    target[offset - 2] = mask[2];\n    target[offset - 1] =\n      mask[3];\n\n    if (merge) {\n      applyMask(data, mask, target, offset, data.length);\n      return [target];\n    }\n\n    applyMask(data, mask, data, 0, data.length);\n    return [target, data];\n  }\n\n  /**\n   * Sends a close message to the\n   other peer.\n   *\n   * @param {(Number|undefined)} code The status code component of the body\n   * @param\n   {String} data The message component of the body\n   * @param {Boolean} mask Specifies whether or not to mask\n   the message\n   * @param {Function} cb Callback\n   *\n   * @public\n   */\n  close(code, data, mask, cb) {\n    let\n      buf;\n\n    if (code === undefined) {\n      buf = EMPTY_BUFFER;\n    } else if (typeof code !== 'number' ||\n      !isValidStatusCode(code)) {\n      throw new TypeError('First argument must be a valid error code number');\n    } else if (data === undefined || data === '') {\n      buf = Buffer.allocUnsafe(2);\n      buf.writeUInt16BE(code, 0);\n    } else {\n      buf = Buffer.allocUnsafe(2 + Buffer.byteLength(data));\n      buf.writeUInt16BE(code, 0);\n      buf.write(data, 2);\n    }\n\n    if (this._deflating) {\n      this.enqueue([this.doClose, buf, mask, cb]);\n    } else {\n      this.doClose(buf, mask, cb);\n    }\n  }\n\n  /**\n   * Frames and sends a close message.\n   *\n   * @param {Buffer}\n   data The message to send\n   * @param {Boolean} mask Specifies whether or not to mask `data`\n   * @param\n   {Function} cb Callback\n   *\n   * @private\n   */\n  doClose(data, mask, cb) {\n    this.sendFrame(\n      Sender.frame(data, {\n        fin: true,\n        rsv1: false,\n        opcode: 0x08,\n        mask,\n        readOnly: false\n      }),\n      cb\n    );\n  }\n\n  /**\n   * Sends a ping message to the other peer.\n   *\n   * @param {*}\n   data The message\n   to send\n   * @param {Boolean} mask Specifies whether or not to mask `data`\n   * @param\n   {Function} cb

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Callback\n * @public\n */\n ping(data, mask, cb) {\n  const buf = toBuffer(data);\n\n  if (this._deflating) {\n    this.enqueue([this.doPing, buf, mask, toBuffer.readOnly, cb]);\n  } else {\n    this.doPing(buf, mask,\n    toBuffer.readOnly, cb);\n  }\n\n  /**\n   * Frames and sends a ping message.\n   * @param {*} data The message to send\n   * @param {Boolean} mask Specifies whether or not to mask `data`\n   * @param {Boolean} readOnly Specifies whether `data` can be modified\n   * @param {Function} cb Callback\n   * @private\n   */\n  doPing(data, mask, readOnly, cb) {\n    this.sendFrame(\n      Sender.frame(data, {\n        fin: true,\n        rsv1: false,\n        opcode: 0x09,\n        mask,\n        readOnly\n      }),\n      cb\n    );\n  }\n\n  /**\n   * Sends a pong message to the other peer.\n   * @param {*} data The message to send\n   * @param {Boolean} mask Specifies whether or not to mask `data`\n   * @param {Function} cb Callback\n   * @public\n   */\n  pong(data, mask, cb) {\n    const buf = toBuffer(data);\n\n    if (this._deflating) {\n      this.enqueue([this.doPong, buf, mask, toBuffer.readOnly, cb]);\n    } else {\n      this.doPong(buf, mask, toBuffer.readOnly, cb);\n    }\n  }\n\n  /**\n   * Frames and sends a pong message.\n   * @param {*} data The message to send\n   * @param {Boolean} mask Specifies whether or not to mask `data`\n   * @param {Boolean} readOnly Specifies whether `data` can be modified\n   * @param {Function} cb Callback\n   * @private\n   */\n  doPong(data, mask, readOnly, cb) {\n    this.sendFrame(\n      Sender.frame(data, {\n        fin: true,\n        rsv1: false,\n        opcode: 0x0a,\n        mask,\n        readOnly\n      }),\n      cb\n    );\n  }\n\n  /**\n   * Sends a data message to the other peer.\n   * @param {*} data The message to send\n   * @param {Object} options Options object\n   * @param {Boolean} options.compress Specifies whether or not to compress `data`\n   * @param {Boolean} options.binary Specifies whether `data` is binary or text\n   * @param {Boolean} options.fin Specifies whether the fragment is the last one\n   * @param {Boolean} options.mask Specifies whether or not to mask `data`\n   * @param {Function} cb Callback\n   * @public\n   */\n  send(data, options, cb) {\n    const buf = toBuffer(data);\n    const perMessageDeflate = this._extensions[PerMessageDeflate.extensionName];\n    let opcode = options.binary ? 2 : 1;\n    let rsv1 = options.compress;\n\n    if (this._firstFragment) {\n      this._firstFragment = false;\n      if (rsv1 && perMessageDeflate) {\n        rsv1 = buf.length >= perMessageDeflate._threshold;\n      }\n      this._compress = rsv1;\n    } else {\n      rsv1 = false;\n      opcode = 0;\n    }\n\n    if (options.fin) this._firstFragment = true;\n\n    if (perMessageDeflate) {\n      const opts = {\n        fin: options.fin,\n        rsv1,\n        opcode,\n        mask:\n        options.mask,\n        readOnly: toBuffer.readOnly\n      };\n\n      if (this._deflating) {\n        this.enqueue([this.dispatch, buf, this._compress, opts, cb]);\n      } else {\n        this.dispatch(buf, this._compress, opts, cb);\n      }\n    } else {\n      this.sendFrame(\n        Sender.frame(buf, {\n          fin: options.fin,\n          rsv1: false,\n          opcode,\n          mask: options.mask,\n          readOnly: toBuffer.readOnly\n        }),\n        cb\n      );\n    }\n  }\n\n  /**\n   * Dispatches a data message.\n   * @param {Buffer} data The message to send\n   * @param {Boolean} compress Specifies whether or not to compress `data`\n   * @param {Object} options Options object\n   * @param {Number} options.opcode The opcode\n   * @param {Boolean} options.readOnly Specifies whether `data` can be modified\n   * @param {Boolean} options.fin Specifies whether or not to set the FIN bit\n   * @param {Boolean} options.mask Specifies whether or not to mask `data`\n   * @param {Boolean} options.rsv1 Specifies whether or not to set the RSV1 bit\n   * @param {Function} cb Callback\n   * @private\n   */\n  dispatch(data, compress, options, cb) {\n    if (!compress) {\n      this.sendFrame(Sender.frame(data, options), cb);\n      return;\n    }\n\n    const perMessageDeflate = this._extensions[PerMessageDeflate.extensionName];\n    this._deflating = true;\n    perMessageDeflate.compress(data, options.fin, (_, buf) => {\n      this._deflating = false;\n      options.readOnly = false;\n      this.sendFrame(Sender.frame(buf, options), cb);\n      this.dequeue();\n    });\n  }\n\n  /**\n   * Executes queued send operations.\n   * @private\n   */\n  dequeue() {\n    while (!this._deflating && this._queue.length) {\n      const params = this._queue.shift();\n      this._bufferedBytes -= params[1].length;\n      Reflect.apply(params[0], this, params.slice(1));\n    }\n  }\n\n  /**\n   * Enqueues a send operation.\n   * @param {Array} params Send operation parameters.\n   * @private\n   */\n  enqueue(params) {\n    this._bufferedBytes += params[1].length;\n    this._queue.push(params);\n  }\n\n  /**\n   * Sends a frame.\n   * @param {Buffer[]} list The frame to send\n   * @param {Function} cb Callback\n   * @private\n   */\n  sendFrame(list, cb) {\n    if (list.length === 2) {\n      this._socket.cork();\n      this._socket.write(list[0]);\n      this._socket.write(list[1], cb);\n      this._socket.uncork();\n    } else {\n      this._socket.write(list[0], cb);\n    }\n  }\n}

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} else {\n  if (paramName === undefined) {\n    push(params, token, true);\n  } else if (mustUnescape) {\n
push(params, paramName, token.replace(/\\|/g, ""));\n  } else {\n    push(params, paramName, token);\n  }\n}
push(offers, extensionName, params);\n }\n\n return offers;\n}\n\n/*\n * Builds the `Sec-WebSocket-Extensions`
header field value.\n *\n * @param {Object} extensions The map of extensions and parameters to format\n *
@return {String} A string representing the given object\n * @public\n */\nfunction format(extensions) {\n  return
Object.keys(extensions)\n    .map((extension) => {\n      let configurations = extensions[extension];\n      if
(!Array.isArray(configurations)) configurations = [configurations];\n      return configurations\n        .map((params)
=> {\n          return [extension]\n            .concat(\n              Object.keys(params).map((k) => {\n                let values
= params[k];\n                if (!Array.isArray(values)) values = [values];\n                return values\n                  .map((v)
=> (v === true ? k : `${k}=${v}`))\n                    .join('; ');\n              })\n            )\n          .join('; ');\n        })\n      .join(', ');\n    })\n    .join(', ');
\n\nmodule.exports = { format, parse };
\n\n"use
strict";\nObject.defineProperty(exports, "__esModule", { value: true });\nexports.ByteFormatter =
exports.TimeFormatter = exports.RawValueFormatter = void 0;\nconst utils_1 = require("./utils");\n\nclass
RawValueFormatter {\n  constructor() {\n    this.unit = 'none';\n  }\n  format(v) {\n    return
v.toLocaleString();\n  }\n}\nexports.RawValueFormatter = RawValueFormatter;\n\nclass TimeFormatter {\n
constructor(unit) {\n  this.unit = unit;\n  if (unit === 'nanoseconds')\n    this.multiplier = 1e-9;\n  else
if (unit === 'microseconds')\n    this.multiplier = 1e-6;\n  else if (unit === 'milliseconds')\n
this.multiplier = 1e-3;\n  else\n    this.multiplier = 1;\n}\n  formatUnsigned(v) {\n    const s = v *
this.multiplier;\n    if (s / 60 >= 1) {\n      const minutes = Math.floor(s / 60);\n      const seconds =
Math.floor(s - minutes * 60).toString();\n      return `${minutes}:${utils_1.zeroPad(seconds, 2)} `;\n    }\n
if (s / 1 >= 1)\n      return `${s.toFixed(2)}s `;\n    if (s / 1e-3 >= 1)\n      return `${(s / 1e-
3).toFixed(2)}ms `;\n    if (s / 1e-6 >= 1)\n      return `${(s / 1e-6).toFixed(2)}µs `;\n    else\n      return
`${(s / 1e-9).toFixed(2)}ns `;\n  }\n  format(v) {\n    return `${v < 0 ? '-' :
"}${this.formatUnsigned(Math.abs(v))}`;\n  }\n}\nexports.TimeFormatter = TimeFormatter;\n\nclass ByteFormatter
{\n  constructor() {\n    this.unit = 'bytes';\n  }\n  format(v) {\n    if (v < 1024)\n      return
`${v.toFixed(0)} B `;\n    v /= 1024;\n    if (v < 1024)\n      return `${v.toFixed(2)} KB `;\n    v /= 1024;\n
if (v < 1024)\n      return `${v.toFixed(2)} MB `;\n    v /= 1024;\n    return `${v.toFixed(2)} GB `;\n
  }\n}\nexports.ByteFormatter = ByteFormatter;\n\n", "module.exports = require('util');", "use strict";\n\nconst
WebSocket = require('./lib/websocket');\n\nWebSocket.createWebSocketStream =
require('./lib/stream');\n\nWebSocket.Server = require('./lib/websocket-server');\n\nWebSocket.Receiver =
require('./lib/receiver');\n\nWebSocket.Sender = require('./lib/sender');\n\nmodule.exports = WebSocket;\n\n", "use
strict";\n\nif (process.env.NODE_ENV === 'production') {\n  module.exports = require('./cjs/react-debug-
tools.production.min.js');\n} else {\n  module.exports = require('./cjs/react-debug-tools.development.js');\n}\n\n", "use
strict";\n\nvar matchOperatorsRe = /[\\|\\{\\}()\\[\\]^$+*?.]/g;\n\nmodule.exports = function (str) {\n  if (typeof str !==
'string') {\n    throw new TypeError('Expected a string');\n  }\n  return str.replace(matchOperatorsRe,
"\\|&");\n};\n\n", "nvar content = require('!!./././././node_modules/css-loader/index.js??ref--6-
1!/./Icon.css');\n\nif (typeof content === 'string') content = [[module.id, content, "]];\n\nvar transform;\n\nvar
insertInto;\n\n\n\nvar options = {"hmr": true};\n\noptions.transform = transform\n\noptions.insertInto =
undefined;\n\nvar update = require('!!./././././node_modules/style-loader/lib/addStyles.js')(content,
options);\n\nif (content.locals) module.exports = content.locals;\n\nif (module.hot)
{\n  module.hot.accept('!!./././././node_modules/css-loader/index.js??ref--6-1!/./Icon.css', function() {\n    tvar
newContent = require('!!./././././node_modules/css-loader/index.js??ref--6-1!/./Icon.css');\n\n    if (typeof
newContent === 'string') newContent = [[module.id, newContent, "]];\n\n    tvar locals = (function(a, b) {\n      tfor
key, idx = 0;\n      tfor (key in a) {\n        if (a[key] !== b[key]) return
false;\n      }\n      tfor (key in b) {\n        if (b[key] !== a[key]) return
false;\n      }\n      return true;\n    })(content.locals,
newContent.locals));\n\n    if (!locals) throw new Error('Aborting CSS HMR due to changed css-modules
locals.');

```

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Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors\n * \n\n/** Used as the `TypeError`
message for `\"Functions\"` methods. */\nvar FUNC_ERROR_TEXT = 'Expected a function';\n\n/** Used as
references for various `Number` constants. */\nvar NAN = 0 / 0;\n\n/** `Object#toString` result references. */\nvar
symbolTag = '[object Symbol]';\n\n/** Used to match leading and trailing whitespace. */\nvar reTrim =
/^\s+|\s+\$/g;\n\n/** Used to detect bad signed hexadecimal string values. */\nvar reIsBadHex = /^[+-]0x[0-9a-
f]+\$/i;\n\n/** Used to detect binary string values. */\nvar reIsBinary = /^0b[01]+\$/i;\n\n/** Used to detect octal
string values. */\nvar reIsOctal = /^0o[0-7]+\$/i;\n\n/** Built-in method references without a dependency on `root`.
*/\nvar freeParseInt = parseInt;\n\n/** Detect free variable `global` from Node.js. */\nvar freeGlobal = typeof global
=== 'object' && global && global.Object === Object && global;\n\n/** Detect free variable `self`.
*/\nvar freeSelf =
typeof self === 'object' && self && self.Object === Object && self;\n\n/** Used as a reference to the global object.
*/\nvar root = freeGlobal || freeSelf || Function('return this')();\n\n/** Used for built-in method references. */\nvar
objectProto = Object.prototype;\n\n/** Used to resolve the\n * `[]` to `toStringTag` ([http://ecma-
international.org/ecma-262/7.0/#sec-object.prototype.toString](http://ecma-

international.org/ecma-262/7.0/#sec-object.prototype.toString))\n * of values. */\nvar objectToString =
objectProto.toString;\n\n/** Built-in method references for those with the same name as other `lodash` methods.
*/\nvar nativeMax = Math.max,\n nativeMin = Math.min;\n\n/**\n * Gets the timestamp of the number of
milliseconds that have elapsed since\n * the Unix epoch (1 January 1970 00:00:00 UTC).\n * \n * @static\n * \n * @memberOf _\n * @since 2.4.0\n * @category Date\n * @returns {number} Returns the timestamp.\n * \n * @example\n * \n * _defer(function(stamp) {\n * console.log(_.now() - stamp);\n * }, _.now());\n * // => Logs the
number of milliseconds it took for the deferred invocation.\n */\nvar now = function() {\n return
root.Date.now();\n};\n\n/**\n * Creates a debounced function that delays invoking `func` until after `wait`\n * milliseconds have elapsed since the last time the debounced function was\n * invoked. The debounced function
comes with a `cancel` method to cancel\n * delayed `func` invocations and a `flush` method to immediately invoke
them.\n * Provide `options` to indicate whether `func` should be invoked on the\n * leading and/or trailing edge of
the `wait` timeout. The `func` is invoked\n * with the last arguments provided to the debounced function.
Subsequent\n * calls to the debounced function return the result of the last `func`\n * invocation.\n * \n * **Note:**
If `leading` and `trailing` options are `true`, `func` is\n * invoked on the trailing edge of the timeout only if the
debounced function\n * is invoked more than once during the `wait` timeout.\n * \n * If `wait` is `0` and `leading` is
`false`, `func` invocation is deferred\n * until to the next tick, similar to `setTimeout` with a timeout of `0`.\n * \n * See [David Corbacho's article](<https://css-tricks.com/debouncing-throttling-explained-examples/>)\n * for details
over the differences between `_.debounce` and `_.throttle`.\n * \n * @static\n * @memberOf _\n * @since 0.1.0\n *
@category Function\n * @param {Function} func The function to debounce.\n * @param {number} [wait=0] The
number of milliseconds to delay.\n * @param {Object} [options={}] The options object.\n * @param {boolean}
[options.leading=false] Specify invoking on the leading edge of the timeout.\n * @param {number}
[options.maxWait] The maximum time `func` is allowed to be delayed before it's invoked.\n * @param
{boolean} [options.trailing=true] Specify invoking on the trailing edge of the timeout.\n * @returns {Function}
Returns the new debounced function.\n * @example\n * \n * // Avoid costly calculations while the window size is in
flux.\n * jQuery(window).on('resize', _.debounce(calculateLayout, 150));\n * \n * // Invoke `sendMail` when clicked,
debouncing subsequent calls.\n * jQuery(element).on('click', _.debounce(sendMail, 300, {\n * 'leading': true,\n *
'trailing': false\n * }));\n * \n * // Ensure `batchLog` is invoked once after 1 second of debounced calls.\n * var
debounced = _.debounce(batchLog, 250, { 'maxWait': 1000 });\n * var source = new EventSource('/stream');\n *
jQuery(source).on('message', debounced);\n * \n * // Cancel the trailing debounced invocation.\n * \n *
jQuery(window).on('popstate', debounced.cancel);\n */\nfunction debounce(func, wait, options) {\n var lastArgs,\n lastThis,\n maxWait,\n result,\n timerId,\n lastCallTime,\n lastInvokeTime = 0,\n leading =
false,\n maxing = false,\n trailing = true;\n\n if (typeof func !== 'function') {\n throw new
TypeError(FUNC_ERROR_TEXT);\n }\n wait = toNumber(wait) || 0;\n if (isObject(options)) {\n leading =
!!options.leading;\n maxing = 'maxWait' in options;\n maxWait = maxing ?

```

nativeMax(toNumber(options.maxWait) || 0, wait) : maxWait;\n  trailing = 'trailing' in options ? !!options.trailing :
trailing;\n }\n\n function invokeFunc(time) {\n  var args = lastArgs,\n      thisArg = lastThis;\n\n  lastArgs =
lastThis = undefined;\n  lastInvokeTime = time;\n  result = func.apply(thisArg, args);\n  return result;\n }\n\n function leadingEdge(time) {\n  // Reset any `maxWait` timer.\n  lastInvokeTime = time;\n  // Start the timer for
the trailing edge.\n  timerId = setTimeout(timerExpired, wait);\n  // Invoke the leading edge.\n  return leading ?
invokeFunc(time) : result;\n }\n\n function remainingWait(time) {\n  var timeSinceLastCall = time -
lastCallTime,\n      timeSinceLastInvoke = time - lastInvokeTime,\n      result = wait - timeSinceLastCall;\n\n  return maxing ? nativeMin(result, maxWait - timeSinceLastInvoke) : result;\n }\n\n function shouldInvoke(time)
{\n  var timeSinceLastCall = time - lastCallTime,\n      timeSinceLastInvoke = time - lastInvokeTime;\n\n  //
Either this is the first call, activity has stopped and we're at the\n  // trailing edge, the system time has gone
backwards and we're treating\n  // it as the trailing edge, or we've hit the `maxWait` limit.\n  return (lastCallTime
=== undefined || (timeSinceLastCall >= wait) ||\n  (timeSinceLastCall < 0) || (maxing && timeSinceLastInvoke
>= maxWait));\n }\n\n function timerExpired() {\n  var time = now();\n  if (shouldInvoke(time)) {\n  return
trailingEdge(time);\n  }\n  // Restart the timer.\n  timerId = setTimeout(timerExpired, remainingWait(time));\n
}\n\n function trailingEdge(time) {\n  timerId = undefined;\n\n  // Only invoke if we have `lastArgs` which means
`func` has been\n  // debounced at least once.\n  if (trailing && lastArgs) {\n  return invokeFunc(time);\n  }\n
lastArgs = lastThis = undefined;\n  return result;\n }\n\n function cancel() {\n  if (timerId !== undefined) {\n
clearTimeout(timerId);\n  }\n  lastInvokeTime = 0;\n  lastArgs = lastCallTime = lastThis = timerId =
undefined;\n }\n\n function flush() {\n  return timerId === undefined ? result : trailingEdge(now());\n }\n\n
function debounced() {\n  var time = now(),\n      isInvoking = shouldInvoke(time);\n\n  lastArgs = arguments;\n
  lastThis = this;\n  lastCallTime = time;\n\n  if (isInvoking) {\n  if (timerId === undefined) {\n  return
leadingEdge(lastCallTime);\n  }\n  if (maxing) {\n  // Handle invocations in a tight loop.\n  timerId =
setTimeout(timerExpired, wait);\n  return invokeFunc(lastCallTime);\n  }\n  }\n  if (timerId === undefined)
{\n  timerId = setTimeout(timerExpired, wait);\n  }\n  return result;\n }\n  debounced.cancel = cancel;\n
  debounced.flush = flush;\n  return debounced;\n }\n\n/**\n * Creates a throttled function that only invokes `func` at
most once per\n * every `wait` milliseconds. The throttled function comes with a `cancel`\n * method to cancel
delayed `func` invocations and a `flush` method to\n * immediately invoke them. Provide `options` to indicate
whether `func`\n * should be invoked on the leading and/or trailing edge of the `wait`\n * timeout. The `func` is
invoked with the last arguments provided to the\n * throttled function. Subsequent calls to the throttled function
return the\n * result of the last `func` invocation.\n *\n * **Note:** If `leading` and `trailing` options are `true`,
`func` is\n * invoked on the trailing edge of the timeout only if the throttled function\n * is invoked more than
once during the `wait` timeout.\n *\n * If `wait` is `0` and `leading` is `false`, `func` invocation is deferred\n *
until to the next tick, similar to `setTimeout` with a timeout of `0`.\n *\n * See [David Corbacho's article](https://css-
tricks.com/debouncing-throttling-explained-examples/) for details over the differences between `_.throttle` and
`_.debounce`.\n *\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Function\n * @param {Function}
func The function to throttle.\n * @param {number} [wait=0] The number of milliseconds to throttle invocations
to.\n * @param {Object} [options={}] The options object.\n * @param {boolean} [options.leading=true]\n *
Specify invoking on the leading edge of the timeout.\n * @param {boolean} [options.trailing=true]\n * Specify
invoking on the trailing edge of the timeout.\n * @returns {Function} Returns the new throttled function.\n *
@example\n *\n * // Avoid excessively updating the position while scrolling.\n * jQuery(window).on('scroll',
_.throttle(updatePosition, 100));\n *\n * // Invoke `renewToken` when the click event is fired, but not more than
once every 5 minutes.\n * var throttled = _.throttle(renewToken, 300000, { 'trailing': false });\n *\n
jQuery(element).on('click', throttled);\n *\n * // Cancel the trailing throttled invocation.\n *
jQuery(window).on('popstate', throttled.cancel);\n *\n\nfunction throttle(func, wait, options) {\n  var leading = true,\n
      trailing = true;\n\n  if (typeof func != 'function') {\n  throw new TypeError(FUNC_ERROR_TEXT);\n  }\n  if
(isObject(options)) {\n  leading = 'leading' in options ? !!options.leading : leading;\n  trailing = 'trailing' in
options\n  ? !!options.trailing : trailing;\n  }\n  return debounce(func, wait, {\n  'leading': leading,\n  'maxWait':
wait,\n  'trailing': trailing\n });\n }\n\n/**\n * Checks if `value` is the\n * [language type](http://www.ecma-

```



```

-;return idx === 0;(content.locals, newContent.locals));(!locals) throw new Error('Aborting
CSS HMR due to changed css-modules
locals. ');(update(newContent));(module.hot.dispose(function() { update(); }));"use
strict";function nullthrows(x, message) { if (x !== null) { return x; } var error = new Error(message
!== undefined ? message : 'Got unexpected ' + x); error.framesToPop = 1; // Skip nullthrows's own stack frame.
throw error; } module.exports = nullthrows; module.exports.default =
nullthrows; Object.defineProperty(module.exports, '__esModule', { value: true });"var addMethods =
require("../..../node_modules/workerize-loader/dist/rpc-wrapper.js");var methods =
["importFile"];module.exports = function() { var w = new Worker(URL.createObjectURL(new
Blob(["!function(e){ var r={ };function a(t){ if(r[t])return r[t].exports; var i=r[t]={ i:t, l:!1, exports: { };
return e[t].call(i.exports, i, i.exports, a), i.l=!0, i.exports } a.m=e, a.c=r, a.d=function(e, r, t){ a.o(e, r)||
Object.defineProperty(e, r, { enumerable:!0, get:t }); a.r=function(e){ ""undefined""!==typeof
Symbol&&Symbol.toStringTag&&Object.defineProperty(e, Symbol.toStringTag, { value:"Module" }),
Object.defineProperty(e, "__esModule", { value:!0 }); a.t=function(e, r){ if(1&&(e=a(e)), 8&&return
e; if(4&&"object"===typeof e&&e.__esModule)return e; var
t=Object.create(null); if(a.r(t), Object.defineProperty(t, "default", { enumerable:!0, value:e }), 2&&"string"!==t
ypeof e)for(var i in e)a.d(t, i, function(r){ return e[r] }).bind(null, i); return t }, a.n=function(e){ var
r=e&&e.__esModule?function(){ return e.default }:function(){ return e }; return
a.d(r, "a", r), a.o=function(e, r){ return
Object.prototype.hasOwnProperty.call(e, r), a.p=""", a.a.s=13 })(function(e, r, a){ "use
strict"; Object.defineProperty(r, "__esModule", { value:!0 }); r.decodeBase64=r.lazyStatic=r.memoizeByReferen
ce=r.memoizeByShallowEquality=r.objectsHaveShallowEquality=r.noop=r.binarySearch=r.triangle=r.fract=r.forma
tPercent=r.zeroPad=r.itReduce=r.itForEach=r.itMap=r.KeyedSet=r.getOrThrow=r.getOrElse=r.getOrInsert=r.sortBy
=r.lastOf=void 0, r.lastOf=function(e){ return e[e.length-1]||null }, r.sortBy=function(e, r){ e.sort((function(e, a){ const
t=r(e), i=r(a); return t<i?-1:t>i?1:0)) }, r.getOrInsert=function(e, r, a){ return
e.has(r)||e.set(r, a(r)), e.get(r) }, r.getOrElse=function(e, r, a){ return
e.has(r)?e.get(r):a(r) }, r.getOrThrow=function(e, r){ if(!e.has(r))throw new Error("Expected key "+r); return
e.get(r) }; class t { constructor() { this.map=new Map } getOrInsert(e){ const r=e.key, a=this.map.get(r); return
a||(this.map.set(r, e), e) } forEach(e){ this.map.forEach(e) } [Symbol.iterator]() { return this.map.values() } } function
i(e){ return e-Math.floor(e) } function n(e, r){ for(let a in e)if(e[a]!==r[a])return!1; for(let a in
r)if(e[a]!==r[a])return!1; return!0 } function s(e){ let
r=null; return()->(null==r&&(r={ result:e })), r.result } r.KeyedSet=t, r.itMap=function*(e, r){ for(let a of e)yield
r(a) }, r.itForEach=function(e, r){ for(let a of e)r(a) }, r.itReduce=function(e, r, a){ let t=a; for(let a of e)t=r(t, a);
return t }, r.zeroPad=function(e, r){ return new Array(Math.max(r-
e.length, 0)+1).join("0")+e }, r.formatPercent=function(e){ let r=e.toFixed(0)+"%", return
100===e?r="100%":e>99?r">99%":e<.01?r"<0.01%":e<1?r=e.toFixed(2)+"%":e<10&&(r=e.to
Fixed(1)+"%", r), r.fract=i, r.triangle=function(e){ return 2*Math.abs(i(e)-.5)-
1 }, r.binarySearch=function(e, r, a, t, i=1) { for(console.assert(!isNaN(i)&&!isNaN(t));) { if(r-e<=i)return[e, r]; const
n=(r+e)/2; a(n)<t?e=n:r=n } }, r.noop=function(...e) { }, r.objectsHaveShallowEquality=n, r.memoizeByShallowEquality
=function(e) { let r=null; return a=> { let t; return
null==r?(t=e(a), r={ args:a, result:t }, t):(r.args===a||(r.args=a, r.result=e(a)), r.result) }, r.memoizeByReference=function
(e) { let r=null; return a=> { let t; return
null==r?(t=e(a), r={ args:a, result:t }, t):(r.args===a||(r.args=a, r.result=e(a)), r.result) }, r.lazyStatic=s; const
v=s()-> { const
e="ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/", r=new Map; for(let
a=0; a<e.length; a++)r.set(e.charAt(a), a); return r.set("", -1, r); r.decodeBase64=function(e) { const
r=v(); if(e.length%4!=0)throw new Error("Invalid length for base64 encoded string. Expected length % 4 = 0, got
length = "+e.length); const a=e.length/4; let t; t=e.length>=4&&"===="===e.charAt(e.length-

```

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1)?\|\|="===e.charAt(e.length-2)?3*a-2:3*a-1:3*a;const i=new Uint8Array(t);let n=0;for(let t=0;t<a;t++){const
a=e.charAt(4*t+0),s=e.charAt(4*t+1),v=e.charAt(4*t+2),o=e.charAt(4*t+3),f=r.get(a),l=r.get(s),_r.get(v),u=r.get(o
);if(null===f||null===l||null===_|null===u)throw new Error("Invalid quartet at indices ${4*t} .. ${4*t+3}:
${e.substring(4*t,4*t+3)}");i[n++]=f<<2|l>>4,\|\|="!!!"!==v&&(i[n++]=(15&l)<<4|_>>2),\|\|="!!!"!==o&&(i[n++]=(
7&_)<<6|u)if(n!==(t))throw new Error("Expected to decode ${t} bytes, but only decoded ${n}");return
i}},function(e,r,a){\|\|"use strict\|\|";var t=this&&this.__createBinding||(Object.create?function(e,r,a,t){void
0===t&&(t=a),Object.defineProperty(e,t,{enumerable:!0,get:function(){return r[a]}}):function(e,r,a,t){void
0===t&&(t=a),e[t]=r[a]},i=this&&this.__exportStar||function(e,r){for(var a in
e)\|\|"default\|\|"===a||r.hasOwnProperty(a)||t(r,e,a);Object.defineProperty(r,\|\|"__esModule\|\|",{value:!0}),i(a(6),r),i
(a(10),r)},function(e,r,a){\|\|"use
strict\|\|";Object.defineProperty(r,\|\|"__esModule\|\|",{value:!0}),r.ByteFormatter=r.TimeFormatter=r.RawValueFor
matter=void 0;const t=a(0);r.RawValueFormatter=class{constructor(){this.unit=\|\|"none\|\|"}}format(e){return
e.toLocaleString()};r.TimeFormatter=class{constructor(e){this.unit=e,this.multiplier=\|\|"nanoseconds\|\|"===e?1e-
9:\|\|"microseconds\|\|"===e?1e-6:\|\|"milliseconds\|\|"===e?.001:1}formatUnsigned(e){const
r=e*this.multiplier;if(r/60>=1){const e=Math.floor(r/60),a=Math.floor(r-
60*e).toString();return`${e}:${t.zeroPad(a,2)} `}return
r/1>=1?r.toFixed(2)+\|\|"s\|\|":r/.001>=1?(r/.001).toFixed(2)+\|\|"ms\|\|":r/1e-6>=1?(r/1e-6).toFixed(2)+\|\|"µs\|\|":(r/1e-
9).toFixed(2)+\|\|"ns\|\|"}}format(e){return`${e}<0?\|\|"
\|\|":\|\|"!!!"}${this.formatUnsigned(Math.abs(e))}`};r.ByteFormatter=class{constructor(){this.unit=\|\|"bytes\|\|"}}for
mat(e){return e<1024?e.toFixed(0)+\|\|" B\|\|":(e/=1024)<1024?e.toFixed(2)+\|\|"
KB\|\|":(e/=1024)<1024?e.toFixed(2)+\|\|" MB\|\|":(e/=1024).toFixed(2)+\|\|" GB\|\|"}}},function(e,r,a){var
t,i,n;!function(s,v){\|\|"use strict\|\|";i=[a(12)],void 0===(n=\|\|"function\|\|"===typeof(t=function(e){var
r=/(^@)\|\|\|S+:\|\|\|d+/,a=/\|\|\|s*at.*(\/\|\|\|S+:\|\|\|d+|\|\|\|(native)\|\|\|)/m,t=/(eval@)?(\|\|\|native
code)?$/;return{parse:function(e){if(void 0!==(e.stacktrace||void 0!==(e["opera#sourceloc\|\|"])return
this.parseOpera(e);if(e.stack&&e.stack.match(a))return this.parseV8OrIE(e);if(e.stack)return
this.parseFFOrSafari(e);throw new Error("\|\|"Cannot parse given Error object\|\|"")},extractLocation:function(e){if(-
1===e.indexOf("\|\|":\|\|""))return[e];var
r=/(.+)?(?::(\|\|\|d+))?(?::(\|\|\|d+))?$/;return[r[1],r[2]||void 0,r[3]||void
0]},parseV8OrIE:function(r){return
r.stack.split("\|\|\|n\|\|").filter((function(e){return!e.match(a)}),this).map((function(r){r.indexOf("\|\|"(eval \|\|"")>-
1&&(r=r.replace(/eval code/g,\|\|"eval\|\|").replace(/(\|\|\|(eval at [^()]*)(\|\|\|,.*$)/g,\|\|"!!!");var
a=r.replace(/^\|\|\|s+/,,\|\|"!!!").replace(/(\|\|\|(eval code/g,\|\|"!!!"),t=a.match(/
(\|\|\|(.(+):(\|\|\|d+):(\|\|\|d+)\|\|\|)$)/),i=(a=t?a.replace(t[0],,\|\|"!!!"):a).split(/^\|\|\|s+/.slice(1),n=this.extractLocation(t?t[1]:i.p
op()),s=i.join("\|\|" \|\|"")||void 0,v=[\|\|"eval\|\|",,\|\|"<anonymous>\|\|"].indexOf(n[0])>-1?void 0:n[0];return new
e({functionName:s,fileName:v,lineNumber:n[1],columnNumber:n[2],source:r})),this)},parseFFOrSafari:function(r
){return r.stack.split("\|\|\|n\|\|").filter((function(e){return!e.match(t)}),this).map((function(r){if(r.indexOf("\|\|" >
eval\|\|"")>-1&&(r=r.replace(/ line (\|\|\|d+)(?: > eval line \|\|\|d+)* > eval:\|\|\|d+:\|\|\|d+/g,\|\|"!$1\|\|"")),-
1===r.indexOf("\|\|"@ \|\|"")&&-1===r.indexOf("\|\|":\|\|""))return new e({functionName:r});var
a=/(.*\|\|" +\|\|"^\|@)*?^\|@*?(?:@)/,t=r.match(a),i=t&&t[1]?t[1]:void
0,n=this.extractLocation(r.replace(a,\|\|"!!!"));return new
e({functionName:i,fileName:n[0],lineNumber:n[1],columnNumber:n[2],source:r})),this)},parseOpera:function(e){
return!e.stacktrace||e.message.indexOf("\|\|\|n\|\|"")>-
1&&e.message.split("\|\|\|n\|\|"").length>e.stacktrace.split("\|\|\|n\|\|"").length?this.parseOpera9(e):e.stack?this.parseO
pera11(e):this.parseOpera10(e)},parseOpera9:function(r){for(var a=/Line (\|\|\|d+).*script(?:in
)?(\|\|\|S+)/,i,t=r.message.split("\|\|\|n\|\|""),i=[],n=2,s=t.length;n<s;n+=2){var v=a.exec(t[n]);v&&i.push(new
e({fileName:v[2],lineNumber:v[1],source:t[n]})}return i},parseOpera10:function(r){for(var a=/Line (\|\|\|d+).*script
(?:in)?(\|\|\|S+)?(?: In function (\|\|\|S+))$/i,t=r.stacktrace.split("\|\|\|n\|\|""),i=[],n=0,s=t.length;n<s;n+=2){var
v=a.exec(t[n]);v&&i.push(new e({functionName:v[3]||void 0,fileName:v[2],lineNumber:v[1],source:t[n]})}return

```

```

i},parseOpera11:function(a){return
a.stack.split("\n").filter((function(e){return!e.match(r)&&!e.match(/^Error created
at/)}),this).map((function(r){var
a,t=r.split("@"),i=this.extractLocation(t.pop()),n=t.shift(),s=n.replace(/<anonymous function(
(\\w+)?>/,\\$2).replace(/\\([\\^])*\\)/g,\\|\\|)|void
0;n.match(/\\([\\^])*\\)/&&(a=n.replace(/^[^+\\\\([\\^])*\\)/$,\\$1));var v=void 0===a[\\|\\|\\|"[arguments not
available]\\|\\|\\|""===a?void 0:a.split("\\|\\|");return new
e({functionName:s,args:v,fileName:i[0],lineNumber:i[1],columnNumber:i[2],source:r})),this)}}?t.apply(r,i):t)(e
.exports=n)}},function(e,r,a){\\|\\|\\|use strict\\|\\|\\|;function t(e,r){if(null!=e)return e;var a=new Error(void
0!==(r?r:\\|\\|\\|Got unexpected \\|\\|\\|"+e);throw
a.framesToPop=1,a[e.exports=t,e.exports.default=t,Object.defineProperty(e.exports,\\|\\|\\|__esModule\\|\\|\\|,{value:!0})}
,function(e,r,a){var t=function(e){\\|\\|\\|use strict\\|\\|\\|;var
r=Object.prototype,a=r.hasOwnProperty,t=\\|\\|\\|function\\|\\|\\|===typeof
Symbol?Symbol:{},i=t.iterator|\\|\\|\\|"@@iterator\\|\\|\\|",n=t.asyncIterator|\\|\\|\\|"@@asyncIterator\\|\\|\\|",s=t.toStringTag|\\|\\|\\|"@
@toStringTag\\|\\|\\|";function v(e,r,a){return
Object.defineProperty(e,r,{value:a,enumerable:!0,configurable:!0,writable:!0}),e[r]}try{v({},\\|\\|\\|\\|\\|)}catch(e){v=fu
nction(e,r,a){return e[r]=a}}function o(e,r,a,t){var i=r&&r.prototype instanceof
_?r:_;n=Object.create(i.prototype),s=new M(t[\\|\\|\\|]);return n._invoke=function(e,r,a){var
t=\\|\\|\\|suspendedStart\\|\\|\\|;return function(i,n){if(\\|\\|\\|executing\\|\\|\\|""===t)throw new Error(\\|\\|\\|Generator is already
running\\|\\|\\|);if(\\|\\|\\|completed\\|\\|\\|""===t){if(\\|\\|\\|throw\\|\\|\\|""===i)throw n;return A()}for(a.method=i,a.arg=n;){var
s=a.delegate;if(s){var v=k(s,a);if(v){if(v===1)continue;return
v}}if(\\|\\|\\|next\\|\\|\\|""===a.method)a.sent=a._sent=a.arg;else
if(\\|\\|\\|throw\\|\\|\\|""===a.method){if(\\|\\|\\|suspendedStart\\|\\|\\|""===t)throw
t=\\|\\|\\|completed\\|\\|\\|",a.arg;a.dispatchException(a.arg)}else\\|\\|\\|return\\|\\|\\|""===a.method&&a.abrupt(\\|\\|\\|return\\|\\|\\|",a.arg);t=
\\|\\|\\|executing\\|\\|\\|";var
o=f(e,r,a);if(\\|\\|\\|normal\\|\\|\\|""===o.type){if(t=a.done?\\|\\|\\|completed\\|\\|\\|":\\|\\|\\|suspendedYield\\|\\|\\|",o.arg===1)continue;return
{value:o.arg,done:a.done}}\\|\\|\\|throw\\|\\|\\|""===o.type&&(t=\\|\\|\\|completed\\|\\|\\|",a.method=\\|\\|\\|throw\\|\\|\\|",a.arg=o.arg)}}}(e,
s),n)}function
f(e,r,a){try{return{type:\\|\\|\\|normal\\|\\|\\|",arg:e.call(r,a)}}catch(e){return{type:\\|\\|\\|throw\\|\\|\\|",arg:e}}}}e.wrap=o;var
l={};function _(){function u(){function S(){var c={};c[i]=function(){return this};var
h=Object.getPrototypeOf,d=h&&h(H([\\|\\|\\|]));d&&d!==(r&&a.call(d,i)&&(c=d);var
b=S.prototype=_.prototype=Object.create(c);function
p(e){[\\|\\|\\|next\\|\\|\\|",\\|\\|\\|throw\\|\\|\\|",\\|\\|\\|return\\|\\|\\|"].forEach((function(r){v(e,r,(function(e){return
this._invoke(r,e)}))))})function m(e,r){var t;this._invoke=function(i,n){function s(){return new
r((function(t,s){!function t(i,n,s,v){var o=f(e[i],e,n);if(\\|\\|\\|throw\\|\\|\\|""!==o.type){var l=o.arg,_=1.value;return
_&&\\|\\|\\|object\\|\\|\\|""===typeof
_&&a.call(_,\\|\\|\\|__await\\|\\|\\|)?r.resolve(_.__await).then((function(e){t(\\|\\|\\|next\\|\\|\\|",e,s,v)}),(function(e){t(\\|\\|\\|throw\\|\\|\\|",
e,s,v)})):r.resolve(_).then((function(e){l.value=e,s(l)}),(function(e){return
t(\\|\\|\\|throw\\|\\|\\|",e,s,v)}))v(o.arg)}(i,n,t,s)}))return t=t?t.then(s,s):s)}}function k(e,r){var
a=e.iterator[r.method];if(void
0===a){if(r.delegate=null,\\|\\|\\|throw\\|\\|\\|""===r.method){if(e.iterator.return&&(r.method=\\|\\|\\|return\\|\\|\\|",r.arg=void
0,k(e,r),\\|\\|\\|throw\\|\\|\\|""===r.method))return l;r.method=\\|\\|\\|throw\\|\\|\\|",r.arg=new TypeError(\\|\\|\\|The iterator does not
provide a 'throw' method\\|\\|\\|)}return l}var t=f(a,e.iterator,r.arg);if(\\|\\|\\|throw\\|\\|\\|""===t.type)return
r.method=\\|\\|\\|throw\\|\\|\\|",r.arg=t.arg,r.delegate=null,l;var i=t.arg;return
i?i.done?(r[e.resultName]=i.value,r.next=e.nextLoc,\\|\\|\\|return\\|\\|\\|""!==r.method&&(r.method=\\|\\|\\|next\\|\\|\\|",r.arg=void
0),r.delegate=null,l):i:(r.method=\\|\\|\\|throw\\|\\|\\|",r.arg=new TypeError(\\|\\|\\|iterator result is not an
object\\|\\|\\|),r.delegate=null,l)}function w(e){var r={tryLoc:e[0]};1 in e&&(r.catchLoc=e[1]),2 in
e&&(r.finallyLoc=e[2]),r.afterLoc=e[3]),this.tryEntries.push(r)}function g(e){var

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r=e.completion||{};r.type=||"normal||",delete r.arg,e.completion=r}function
M(e){this.tryEntries=[{tryLoc:||"root||"}],e.forEach(w,this),this.reset(!0)}function H(e){if(e){var r=e[i];if(r)return
r.call(e);if(||||"function||||"===typeof e.next)return e;if(!isNaN(e.length)){var t=-1,n=function
r(){for(++t<e.length;if(a.call(e,t))return r.value=e[t],r.done=!1,r;return r.value=void 0,r.done=!0,r;return
n.next=n}}return{next:A}}function A(){return{value:void 0,done:!0}}return
u.prototype=b.constructor=S,S.constructor=u,u.displayName=v(S,s,||||"GeneratorFunction||||"),e.isGeneratorFunction
=function(e){var r=||||"function||||"===typeof
e&&e.constructor;return!!r&&(r===u||||"GeneratorFunction||||"===(r.displayName||r.name))},e.mark=function(e){r
eturn
Object.setPrototypeOf?Object.setPrototypeOf(e,S):(e.__proto__=S,v(e,s,||||"GeneratorFunction||||")),e.prototype=Obj
ect.create(b,e),e.awrap=function(e){return{__await:e}},p(m.prototype),m.prototype[n]=function(){return
this},e.AsyncIterator=m,e.async=function(r,a,t,i,n){void 0===n&&(n=Promise);var s=new m(o(r,a,t,i),n);return
e.isGeneratorFunction(a)?s:s.next().then((function(e){return
e.done?e.value:s.next()})),p(b),v(b,s,||||"Generator||||"),b[i]=function(){return
this},b.toString=function(){return||||"object Generator||||"},e.keys=function(e){var r=[];for(var a in
e)r.push(a);return r.reverse(),function a(){for(;r.length;){var t=r.pop();if(t in e)return a.value=t,a.done=!1,a}return
a.done=!0,a}},e.values=H,M.prototype={constructor:M,reset:function(e){if(this.prev=0,this.next=0,this.sent=this._s
ent=void 0,this.done=!1,this.delegate=null,this.method=||||"next||||",this.arg=void
0,this.tryEntries.forEach(g,!e)for(var r in
this)||||"t||||"===r.charAt(0)&&a.call(this,r)&&!isNaN(+r.slice(1))&&(this[r]=void
0)},stop:function(){this.done=!0;var e=this.tryEntries[0].completion;if(||||"throw||||"===e.type)throw e.arg;return
this.rval},dispatchException:function(e){if(this.done)throw e;var r=this;function t(a,t){return
s.type=||||"throw||||",s.arg=e,r.next=a,t&&(r.method=||||"next||||",r.arg=void 0),!t}for(var i=this.tryEntries.length-
1;i>=0;--i){var n=this.tryEntries[i],s=n.completion;if(||||"root||||"===n.tryLoc)return
t(||||"end||||");if(n.tryLoc<=this.prev){var
v=a.call(n,||||"catchLoc||||"),o=a.call(n,||||"finallyLoc||||");if(v&&o){if(this.prev<n.catchLoc)return
t(n.catchLoc,!0);if(this.prev<n.finallyLoc)return t(n.finallyLoc)}else if(v){if(this.prev<n.catchLoc)return
t(n.catchLoc,!0)}else if(!o)throw new Error(||||"try statement without catch or
finally||||");if(this.prev<n.finallyLoc)return t(n.finallyLoc)}}},abrupt:function(e,r){for(var t=this.tryEntries.length-
1;t>=0;--t){var i=this.tryEntries[t];if(i.tryLoc<=this.prev&&a.call(i,||||"finallyLoc||||")&&this.prev<i.finallyLoc){var
n=i;break}}n&&(||||"break||||"===e||||"continue||||"===e)&&n.tryLoc<=r&&r<=n.finallyLoc&&(n=null);var
s=n?n.completion:{};return
s.type=e,s.arg=r,n?(this.method=||||"next||||",this.next=n.finallyLoc,l):this.complete(s)},complete:function(e,r){if(||||"t
hrow||||"===e.type)throw
e.arg;return||||"break||||"===e.type||||"continue||||"===e.type?this.next=e.arg:||||"return||||"===e.type?(this.rval=this.ar
g=e.arg,this.method=||||"return||||",this.next=||||"end||||"):||||"normal||||"===e.type&&r&&(this.next=r,l),finish:functio
n(e){for(var r=this.tryEntries.length-1;r>=0;--r){var a=this.tryEntries[r];if(a.finallyLoc===e)return
this.complete(a.completion,a.afterLoc),g(a,l)},catch:function(e){for(var r=this.tryEntries.length-1;r>=0;--r){var
a=this.tryEntries[r];if(a.tryLoc===e){var t=a.completion;if(||||"throw||||"===t.type){var i=t.arg:g(a)}return i}}throw
new Error(||||"illegal catch attempt||||")},delegateYield:function(e,r,a){return
this.delegate={iterator:H(e),resultName:r,nextLoc:a},||||"next||||"===this.method&&(this.arg=void
0,l)},e}(e.exports);try{regeneratorRuntime=t}catch(e){Function(||||"r||||",||||"regeneratorRuntime =
r||||")(t)},function(e,r,a){||||"use
strict||||";Object.defineProperty(r,||||"__esModule||||",{value:!0}),r.importFromOldV8CpuProfile=r.importFromChro
meCpuProfile=r.importFromChromeTimeline=r.isChromeTimeline=void 0;const
t=a(7),i=a(0),n=a(2),s=a(9);r.isChromeTimeline=function(e){if(!Array.isArray(e))return!1;if(e.length<1)return!1;co
nst r=e[0];return||||"pid||||"in r&&||||"tid||||"in r&&||||"ph||||"in r&&||||"cat||||"in
r&&!e.find(e=>||||"CpuProfile||||"===e.name||||"Profile||||"===e.name||||"ProfileChunk||||"===e.name)},r.importFr

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omChromeTimeline=function(e,r){const a=new Map,t=new Map,n=new Map;i.sortBy(e,e=>e.ts);for(let r of
e){if(\\\\"CpuProfile\\\\"===r.name){const
e=`${r.pid}:${r.tid}`;i=r.id||e;a.set(i,r.args.data.cpuProfile),t.set(i,e)}if(\\\\"Profile\\\\"===r.name){const
e=`${r.pid}:${r.tid}`;a.set(r.id||e,Object.assign({startTime:0,endTime:0,nodes:[],samples:[],timeDeltas:[],r.args.data
a)),r.id&&t.set(r.id,`${r.pid}:${r.tid}`)}if(\\\\"thread_name\\\\"===r.name&&n.set(`${r.pid}:${r.tid}`,r.args.name),\\\\"
ProfileChunk\\\\"===r.name){const e=`${r.pid}:${r.tid}`,t=a.get(r.id||e);if(t){const
e=r.args.data;e.cpuProfile&&(e.cpuProfile.nodes&&(t.nodes=t.nodes.concat(e.cpuProfile.nodes)),e.cpuProfile.samp
les&&(t.samples=t.samples.concat(e.cpuProfile.samples)),e.timeDeltas&&(t.timeDeltas=t.timeDeltas.concat(e.time
Deltas)),null!=e.startTime&&(t.startTime=e.startTime),null!=e.endTime&&(t.endTime=e.endTime)}else
console.warn(\\\\"Ignoring ProfileChunk for undeclared Profile with id \\\\"+(r.id||e))}if(a.size>0){const e=[];let
s=0;return i.forEach(a.keys(),i=>{let v=null,o=t.get(i);o&&(v=n.get(o)||null);const
f=_a.get(i);v&&a.size>1?(f.setName(`${r} -
${v}`),\\\\"CrRendererMain\\\\"===v&&(s=e.length):f.setName(\\\\""+r),e.push(f)),{name:r,indexToView:s,profil
es:e}}throw new Error(\\\\"Could not find CPU profile in Timeline\\\\"));const v=new Map;function o(e){return
i.getOrInsert(v,e,e=>{const
r=e.functionName||\\\\"(anonymous)\\\\";a=e.url,t=e.lineNumber,i=e.columnNumber;return{key:`${r}:${a}:${t}:${i}`,
name:r,file:a,line:t,col:i}})function f(e){const{functionName:r,url:a}=e;return\\\\"native
dummy.js\\\\"===a||\\\\"(root)\\\\"===r||\\\\"(idle)\\\\"===r)}function l(e){return\\\\"(garbage
collector)\\\\"===e||\\\\"(program)\\\\"===e}function _(e){const r=new t.CallTreeProfileBuilder(e.endTime-
e.startTime),a=new Map;for(let r of e.nodes)a.set(r.id,r);for(let r of e.nodes)if(\\\\"number\\\\"===typeof
r.parent&&(r.parent=a.get(r.parent)),r.children)for(let e of r.children){const t=a.get(e);t&&(t.parent=r)}const
s=[],v=[];let _=e.timeDeltas[0],u=_,S=NaN;for(let r=0;r<e.samples.length;r++){const
a=e.samples[r];if(a!=S&&(s.push(a),_<u?v.push(u):(v.push(_),u=_)),r===e.samples.length-
1)isNaN(S)||s.push(S),_<u?v.push(u):(v.push(_),u=_);else{_+=e.timeDeltas[r+1],S=a}}let c=[];for(let
e=0;e<s.length;e++){const t=v[e],n=s[e];let _=a.get(n);if(!_continue;let u=null;for(u=_;u&&-
1===c.indexOf(u);u=l(u.callFrame.functionName)?i.lastOf(c):u.parent||null);for(;c.length>0&&i.lastOf(c)!=u;){con
st e=o(c.pop().callFrame);r.leaveFrame(e,t)}const S=[];for(let
e=_;e&&e!=u&&!f(e.callFrame);e=l(e.callFrame.functionName)?i.lastOf(c):e.parent||null)S.push(e);S.reverse();for(
let e of S)r.enterFrame(o(e.callFrame),t);c=c.concat(S)}for(let e=c.length-1;e>=0;e--
)r.leaveFrame(o(c[e].callFrame),i.lastOf(v));return r.setValueFormatter(new
n.TimeFormatter(\\\\"microseconds\\\\"),r.build())r.importFromChromeCPUProfile=_r.importFromOldV8CPUProfi
le=function(e){return _(s.chromeTreeToNodes(e))},function(e,r,a){\\\\"use strict\\\\";var
t=this&&this.__createBinding||(Object.create?function(e,r,a,t){void
0===t&&(t=a),Object.defineProperty(e,t,{enumerable:!0,get:function(){return r[a]}}):function(e,r,a,t){void
0===t&&(t=a),e[t]=r[a]),i=this&&this.__setModuleDefault||(Object.create?function(e,r){Object.defineProperty(e,\\\\"
default\\\\",{enumerable:!0,value:r}):function(e,r){e.default=r}),n=this&&this.__importStar||function(e){if(e&&e.
__esModule)return e;var r={};if(null!=e)for(var a in e)Object.hasOwnProperty.call(e,a)&&t(r,e,a);return
i(r,e),r},s=this&&this.__awaiter||function(e,r,a,t){return new(a||(a=Promise))((function(i,n){function
s(e){try{o(t.next(e))}catch(e){n(e)}function v(e){try{o(t.throw(e))}catch(e){n(e)}function o(e){var
r;e.done?i(e.value):(r=e.value,r instanceof a?r:new
a((function(e){e(r)})).then(s,v))o((t=t.apply(e,r||[])).next())));Object.defineProperty(r,\\\\"__esModule\\\\",{value:!
0}),r.CallTreeProfileBuilder=r.StackListProfileBuilder=r.Profile=r.CallTreeNode=r.Frame=r.HasWeights=void
0;const v=a(0),o=a(2),f=Promise.resolve().then(()=>n(a(8)));f.then(()=>{ });class
l{constructor(){this.selfWeight=0,this.totalWeight=0}getSelfWeight(){return
this.selfWeight}getTotalWeight(){return
this.totalWeight}addToTotalWeight(e){this.totalWeight+=e}addToSelfWeight(e){this.selfWeight+=e}overwriteWe
ightWith(e){this.selfWeight=e.selfWeight,this.totalWeight=e.totalWeight}r.HasWeights=1;let _=(()=>>{class e
extends

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I{ constructor(e){ super(),this.key=e.key,this.name=e.name,this.file=e.file,this.line=e.line,this.col=e.col }static
getOrInsert(r,a){ return r.getOrInsert(new e(a)) }return e.root=new e({key:||(speedscope
root)||",name:||(speedscope root)||"},e)};r.Frame=_;class u extends
I{ constructor(e,r){ super(),this.frame=e,this.parent=r,this.children=[],this.frozen=!1 }isRoot(){ return
this.frame===_root }isFrozen(){ return this.frozen }freeze(){ this.frozen=!0 }r.CallTreeNode=u;class
S{ constructor(e=0){ this.name=||",this.frames=new v.KeyedSet,this.appendOrderCalltreeRoot=new
u(_root,null),this.groupedCalltreeRoot=new u(_root,null),this.samples=[],this.weights=[],this.valueFormatter=new
o.RawValueFormatter,this.totalNonIdleWeight=null,this.totalWeight=e }getAppendOrderCalltreeRoot(){ return
this.appendOrderCalltreeRoot }getGroupedCalltreeRoot(){ return this.groupedCalltreeRoot }formatValue(e){ return
this.valueFormatter.format(e) }setValueFormatter(e){ this.valueFormatter=e }getWeightUnit(){ return
this.valueFormatter.unit }getName(){ return this.name }setName(e){ this.name=e }getTotalWeight(){ return
this.totalWeight }getTotalNonIdleWeight(){ return
null===this.totalNonIdleWeight&&(this.totalNonIdleWeight=this.groupedCalltreeRoot.children.reduce((e,r)=>e+r.
getTotalWeight(),0)),this.totalNonIdleWeight }sortGroupedCallTree(){ !function e(r){ r.children.sort((e,r)=>-
(e.getTotalWeight()-
r.getTotalWeight())),r.children.forEach(e)(this.groupedCalltreeRoot) }forEachCallGrouped(e,r){ !function
a(t,i){ t.frame!==_root&&e(t,i);let
n=0;t.children.forEach((function(e){ a(e,i+n),n+=e.getTotalWeight()})),t.frame!==_root&&r(t,i+t.getTotalWeight())
}(this.groupedCalltreeRoot,0) }forEachCall(e,r){ let a=[],t=0,i=0;for(let n of this.samples){ let
s=null;for(s=n;s&&s.frame!==_root&&-
1===a.indexOf(s);s=s.parent);for(;a.length>0&&v.lastOf(a)!s;){ r(a.pop(),t) }const o=[];for(let
e=n;e&&e.frame!==_root&&e!s;e=e.parent)o.push(e);o.reverse();for(let r of
o)e(r,t);a=a.concat(o),t+=this.weights[i++] }for(let e=a.length-1;e>=0;e--
)r(a[e],t) }forEachFrame(e){ this.frames.forEach(e) }getProfileWithRecursionFlattened(){ const e=new h,r=[];a=new
Set;this.forEachCall((function(t,i){ a.has(t.frame)?r.push(null):(a.add(t.frame),r.push(t),e.enterFrame(t.frame,i))),fu
nction(t,i){ const n=r.pop();n&&(a.delete(n.frame),e.leaveFrame(n.frame,i))});const t=e.build();return
t.name=this.name,t.valueFormatter=this.valueFormatter,this.forEachFrame(e=>{ t.frames.getOrInsert(e).overwriteW
eightWith(e)}),t) }getInvertedProfileForCallersOf(e){ const r=_getOrInsert(this.frames,e),a=new c,t=[];!function
e(a){ if(a.frame===r)t.push(a);else for(let r of a.children)e(r) }forEachFrame(e){ const
r=[];for(let
a=e;null!=a&&a.frame!==_root;a=a.parent)r.push(a.frame);a.appendSampleWithWeight(r,e.getTotalWeight()) }con
st i=a.build();return i.name=this.name,i.valueFormatter=this.valueFormatter,i }getProfileForCalleesOf(e){ const
r=_getOrInsert(this.frames,e),a=new c;!function e(t){ if(t.frame===r)!function(e){ const r=[];!function
e(t){ r.push(t.frame),a.appendSampleWithWeight(r,t.getSelfWeight());for(let r of t.children)e(r);r.pop()}(e)}(t);else
for(let r of t.children)e(r) }forEachFrame(e){ this.appendOrderCalltreeRoot };const t=a.build();return
t.name=this.name,t.valueFormatter=this.valueFormatter,t }demangle(){ return s(this,void 0,void 0,(function*(){ let
e=null;for(let r of this.frames)r.name.startsWith(\\_Z\\)&&(e||(e=(yield
f).demangleCpp),r.name=e(r.name)))) } }remapNames(e){ for(let r of
this.frames)r.name=e(r.name) } }r.Profile=S;class c extends
S{ constructor(){ super(...arguments),this.pendingSample=null }_appendSample(e,r,a){ if(isNaN(r))throw new
Error(\\invalid weight\\);let t=a?this.appendOrderCalltreeRoot:this.groupedCalltreeRoot,i=new Set;for(let n of
e){ const
e=_getOrInsert(this.frames,n),s=a?v.lastOf(t.children):t.children.find(r=>r.frame===e);if(s&&!s.isFrozen()&&s.fra
me===e)t=s;else{ const r=t;t=new
u(e,t),r.children.push(t) }t.addToTotalWeight(r),i.add(t.frame) }if(t.addToSelfWeight(r),a)for(let e of
t.children)e.freeze();if(a){ t.frame.addToSelfWeight(r);for(let e of
i)e.addToTotalWeight(r);t===v.lastOf(this.samples)?this.weights[this.weights.length-
1]+=r:(this.samples.push(t),this.weights.push(r)) } }appendSampleWithWeight(e,r){ if(0===r){ if(r<0)throw new

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Error("\\Samples must have positive
weights\\");this._appendSample(e,r,!0),this._appendSample(e,r,!1)}appendSampleWithTimestamp(e,r){if(this.pendingSample){if(r<this.pendingSample.centralTimestamp)throw new Error("\\Timestamps received out of
order\\");const
a=(r+this.pendingSample.centralTimestamp)/2;this.appendSampleWithWeight(this.pendingSample.stack,a-
this.pendingSample.startTimestamp),this.pendingSample={stack:e,startTimestamp:a,centralTimestamp:r}}else
this.pendingSample={stack:e,startTimestamp:r,centralTimestamp:r}}build(){return
this.pendingSample&&(this.samples.length>0?this.appendSampleWithWeight(this.pendingSample.stack,this.pendingSample.centralTimestamp-
this.pendingSample.startTimestamp):(this.appendSampleWithWeight(this.pendingSample.stack,1),this.setValueFor
matter(new
o.RawValueFormatter))),this.totalWeight=Math.max(this.totalWeight,this.weights.reduce((e,r)=>e+r,0)),this.sortGr
oupedCallTree(),this}}r.StackListProfileBuilder=c;class h extends
S{constructor(){super(...arguments),this.appendOrderStack=[this.appendOrderCalltreeRoot],this.groupedOrderStac
k=[this.groupedCalltreeRoot],this.framesInStack=new
Map,this.stack=[],this.lastValue=0}addWeightsToFrames(e){const r=e-this.lastValue;for(let e of
this.framesInStack.keys())e.addToTotalWeight(r);const
a=v.lastOf(this.stack);a&&a.addToSelfWeight(r)}addWeightsToNodes(e,r){const a=e-this.lastValue;for(let e of
r)e.addToTotalWeight(a);const t=v.lastOf(r);t&&t.addToSelfWeight(a)}_enterFrame(e,r,a){let
t=a?this.appendOrderStack:this.groupedOrderStack;this.addWeightsToNodes(r,t);let i=v.lastOf(t);if(i){if(a){const
e=r-this.lastValue;if(e>0)this.samples.push(i),this.weights.push(r-this.lastValue);else if(e<0)throw new
Error(`Samples must be provided in increasing order of cumulative value. Last sample was ${this.lastValue}, this
sample was ${r}`)}const n=a?v.lastOf(i.children):i.children.find(r=>r.frame===e);let
s;n&&!n.isFrozen()&&n.frame===e?s=n:(s=new u(e,i),i.children.push(s),t.push(s))}enterFrame(e,r){const
a=_getOrInsert(this.frames,e);this.addWeightsToFrames(r),this._enterFrame(a,r,!0),this._enterFrame(a,r,!1),this.sta
ck.push(a);const t=this.framesInStack.get(a)||0;this.framesInStack.set(a,t+1),this.lastValue=r}_leaveFrame(e,r,a){let
t=a?this.appendOrderStack:this.groupedOrderStack;if(this.addWeightsToNodes(r,t),a){const
a=this.appendOrderStack.pop();if(null===a)throw new Error(`Trying to leave ${e.key} when stack is
empty`);if(null===this.lastValue)throw new Error(`Trying to leave a ${e.key} before any have been
entered`);if(a.freeze(),a.frame.key!==e.key)throw new Error(`Tried to leave frame \\\\"$${e.name}\\\\" while frame
\\\\"$${a.frame.name}\\\\" was at the top at ${r}`)}const t=r-
this.lastValue;if(t>0)this.samples.push(a),this.weights.push(r-this.lastValue);else if(t<0)throw new Error(`Samples
must be provided in increasing order of cumulative value. Last sample was ${this.lastValue}, this sample was
${r}`)}else this.groupedOrderStack.pop()}leaveFrame(e,r){const
a=_getOrInsert(this.frames,e);this.addWeightsToFrames(r),this._leaveFrame(a,r,!0),this._leaveFrame(a,r,!1),this.sta
ck.pop();const t=this.framesInStack.get(a);null!=t&&(1===t?this.framesInStack.delete(a):this.framesInStack.set(a,t-
1),this.lastValue=r,this.totalWeight=Math.max(this.totalWeight,this.lastValue))}build(){if(this.appendOrderStack.le
ngth>1||this.groupedOrderStack.length>1)throw new Error("\\Tried to complete profile construction with a non-
empty stack\\");return this.sortGroupedCallTree(),this}}r.CallTreeProfileBuilder=h},function(e,r,a){\\"use
strict\\";let t;Object.defineProperty(r,\\\\"__esModule\\\\",{value:!0}),r.demangleCpp=void 0;const i=new
Map;r.demangleCpp=function(e){if(e.startsWith(\\\\"__Z\\\\")){let r=i.get(e);void 0!==(r||(t=(t=new
Function(\\\\"exports\\\\" ,n)()),r=t(e.slice(1)),r=\\\\"(null)\\\\"===r?e:r,i.set(e,r),e=r)}return e};const n=\\\\"nreturn
function(){function r(r){eval.call(null,r)}function a(r){throw print(r+\\\\":|||||n\\\\"+(new
Error).stack),ke=!0,\\\\"Assertion: \\\\"+r}function e(r,e){r||a(\\\\"Assertion failed: \\\\"+e)}function i(r,a,i,v){function
t(r,a){if(\\\\"string\\\\"===a){var e=Oe;return le.stackAlloc(r.length+1),A(r,e),e}return r}function
f(r,a){return\\\\"string\\\\"===a?s(r):r}try{func=ce.Module[\\\\"_\\\\"+r]}catch(r){}e(func,\\\\"Cannot call unknown
function \\\\"+r+\\\\" (perhaps LLVM optimizations or closure removed it?)\\\\");var _=0,n=v?v.map(function(r){return
t(r,i[_++])}):[];return f(func.apply(null,n),a)}function v(r,a,e){return function(){return

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i(r,a,e,Array.prototype.slice.call(arguments))}function t(r,e,i,v){switch(i=i||"i8",i||"*"===i[i.length-1]&&(i="i32"),i){case"i1":Ae[r]=e;break;case"i8":Ae[r]=e;break;case"i16":ye[r>>1]=e;break;case"i32":Se[r>>2]=e;break;case"i64":Se[r>>2]=e;break;case"float":Ce[r>>2]=e;break;case"double":ze[0]=e,Se[r>>2]=xe[0],Se[r+4>>2]=xe[1];break;default:a("invalid type for setValue: "+i)}}function f(r,e,i){switch(e=e||"i8",e||"*"===e[e.length-1]&&(e="i32"),e){case"i1":return Ae[r];case"i8":return Ae[r];case"i16":return ye[r>>1];case"i32":return Se[r>>2];case"i64":return Se[r>>2];case"float":return Ce[r>>2];case"double":return xe[0]=Se[r>>2],xe[1]=Se[r+4>>2],ze[0];default:a("invalid type for setValue: "+e)}return null}function _(r,a,e){var i,v;"number"===typeof r?(i=!0,v=r):(i=!1,v=r.length);var f;"string"===typeof a?a:null,_=[Jr,le.stackAlloc,le.staticAlloc][void 0===e?we:e](Math.max(v,f?1:a.length));if(i)return Fa(_0,v),_.for(var s,n=0;n<v;){var o=r[n];"function"===typeof o&&(o=le.getFunctionIndex(o)),s=f|a[n],0!==(s?("i64"===s&&(s="i32"),t(_+n,o,s),n+=le.getNativeTypeSize(s)):n++)return _}function s(r,a){for(var e,i="undefined"===typeof a,v="";t=0,f=String.fromCharCode(0);){if(e=String.fromCharCode(ge[r+t]),i&&e==f)break;if(v+=e,t+=1,!i&&t==a)break}return v}function n(r){for(var a="";e=0;e<r.length;e++)a+=String.fromCharCode(r[e]);return a}function o(r){return r+4095>>12<<12}function l(){for(;Le<=Ie;)Le=o(2*Le);var r=Ae,a=new ArrayBuffer(Le);Ae=new Int8Array(a),ye=new Int16Array(a),Se=new Int32Array(a),ge=new Uint8Array(a),me=new Uint16Array(a),Me=new Uint32Array(a),Ce=new Float32Array(a),Re=new Float64Array(a),Ae.set(r)}function b(r){for(;r.length>0;){var a=r.shift(),e=a.func;"number"===typeof e&&(e=pe[e]),e(void 0===a.arg?null:a.arg)}}function k(){b(ve)}function u(){b(Be),be.print()}function c(r,a){return Array.prototype.slice.call(Ae.subarray(r,r+a))}function h(r,a){for(var e=new Uint8Array(a),i=0;i<a;++i)e[i]=Ae[r+i];return e.buffer}function d(r){for(var a=0;Ae[r+a];)a++;return a}function w(r,a){var e=d(r);a&&e++;var i=c(r,e);return a&&(i[e-1]=0),i}function p(r,a){for(var e=[],i=0;i<r.length;){var v=r.charCodeAtAt(i);v>255&&(v&=255),e.push(v),i+=1}return a||e.push(0),e}function E(r){for(var a=[],e=0;e<r.length;e++){var i=r[e];i>255&&(i&=255),a.push(String.fromCharCode(i))}return a.join("")}function A(r,a,e){for(var i=0;i<r.length;){var v=r.charCodeAtAt(i);v>255&&(v&=255),Ae[a+i]=v,i+=1}e|(Ae[a+i]=0)}function g(r,a,e,i){return r>=0?r:a<=32?2*Math.abs(1<<a-1)+r*Math.pow(2,a)+r}function y(r,a,e,i){if(r<=0)return r;var v=a<=32?Math.abs(1<<a-1):Math.pow(2,a-1);return r>=v&&(a<=32||r>v)&&(r=-2*v+r),r}function m(r,a,e){if(0==(0|r)|0==(0|a)|0==(0|e))var i=0;else{Se[r>>2]=0,Se[r+4>>2]=a,Se[r+8>>2]=e;var i=1}var i;return i}function S(r,a,e){if(0==(0|r)|(0|a)<0|0==(0|e))var i=0;else{Se[r>>2]=41,Se[r+4>>2]=a,Se[r+8>>2]=e;var i=1}var i;return i}function M(r,a,e){if(0==(0|r)|0==(0|e))var i=0;else{Se[r>>2]=6,Se[r+4>>2]=a,Se[r+8>>2]=e;var i=1}var i;return i}function C(r,a,e){if(0==(0|r)|0==(0|e))var i=0;else{Se[r>>2]=7,Se[r+4>>2]=a,Se[r+8>>2]=e;var i=1}var i;return i}function R(r,a){var e,i=0==(0|a);do if(i)var v=0;else{var e=(r+32|0)>>2,t=Se[e];if((0|t)>=(0|Se[r+36>>2])){var v=0;break}var f=(t<<2)+Se[r+28>>2]|0;Se[f>>2]=a;var _=Se[e]+1|0;Se[e]=_;var v=1}while(0);var v;return v}function T(r,a){var e,e=(r+12|0)>>2,i=Se[e],v=i+1|0;Se[e]=v;var t=Ae[i]<<24>>24==95;do if(t){var f=i+2|0;if(Se[e]=f,Ae[v]<<24>>24!=90){var _=0;break}var s=O(r,a),_=s}else var _=0;while(0);var _;return _}function O(r,a){var e=r+12|0,i=Ae[Se[e>>2]];r:do if(i<<24>>24==71||i<<24>>24==84)var v=Tr(r),t=v;else{var f=Ar(r),_=0==(0|f)|0==(0|a);do if(!_){if(0!=(1&Se[r+8>>2]|0))break;var s=Me[f>>2],n=(s-25|0)>>>0<3;a:do if(n)for(var o=f;){var o,l=Me[o+4>>2],b=Me[l>>2];if((b-25|0)>>>0>=3){var k=l,u=b;break a}var o=l}else var k=f,u=s;while(0);var u,k;if(2!=(0|u)){var t=k;break r}var c=k+8|0,h=Me[c>>2],d=(Se[h>>2]-25|0)>>>0<3;a:do if(d)for(var w=h;){var w,p=Me[w+4>>2];if((Se[p>>2]-25|0)>>>0>=3){var E=p;break a}var w=p}else var E=h;while(0);var E;Se[c>>2]=E;var t=k;break r}while(0);var A=Ae[Se[e>>2]];if(A<<24>>24==0||A<<24>>24==69){var t=f;break}var g=Or(f),y=Sr(r,g),m=D(r,3,f,y),t=m}while(0);var t;return t}function N(r){var a,e,i=Oe;Oe+=4;var v=i,e=v>>2,a=(r+12|0)>>2,t=Me[a],f=Ae[t],_=f<<24>>24;r:do if(f<<24>>24==114||f<<24>>24==86||f<<24>>24==75){var s=I(r,v,0);if(0==(0|s)){var n=0;break}var

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o=N(r);Se[s>>2]=o;var l=Se[e],b=R(r,l);if(0==(0|b)){ var n=0;break } var
n=Se[e]}else {do {if(97==(0|_)||98==(0|_)||99==(0|_)||100==(0|_)||101==(0|_)||102==(0|_)||103==(0|_)||104==(0|_)||10
5==(0|_)||106==(0|_)||108==(0|_)||109==(0|_)||110==(0|_)||111==(0|_)||115==(0|_)||116==(0|_)||118==(0|_)||119==(0|
_)||120==(0|_)||121==(0|_)||122==(0|_)){ var k=ai+20*(_-97)|0,u=P(r,k);Se[e]=u;var
c=r+48|0,h=Se[c>>2]+Se[Se[u+4>>2]+4>>2]|0;Se[c>>2]=h;var d=Se[a]+1|0;Se[a]=d;var n=u;break
r}|if(117==(0|_)){ Se[a]=t+1|0;var w=L(r),p=D(r,34,w,0);Se[e]=p;var E=p} else if(70==(0|_)){ var
A=F(r);Se[e]=A;var E=A } else
if(48==(0|_)||49==(0|_)||50==(0|_)||51==(0|_)||52==(0|_)||53==(0|_)||54==(0|_)||55==(0|_)||56==(0|_)||57==(0|_)||78=
=(0|_)||90==(0|_)){ var g=X(r);Se[e]=g;var E=g} else if(65==(0|_)){ var y=j(r);Se[e]=y;var E=y} else
if(77==(0|_)){ var m=U(r);Se[e]=m;var E=m} else if(84==(0|_)){ var
S=x(r);if(Se[e]=S,Ae[Se[a]]<<24>>24!=73){ var E=S;break } var M=R(r,S);if(0==(0|M)){ var n=0;break r } var
C=Se[e],T=z(r),O=D(r,4,C,T);Se[e]=O;var E=O} else if(83==(0|_)){ var B=ge[t+1|0];if((B-
48&255&255)<10|B<<24>>24==95|(B-65&255&255)<26){ var
H=V(r,0);if(Se[e]=H,Ae[Se[a]]<<24>>24!=73){ var n=H;break r } var K=z(r),Y=D(r,4,H,K);Se[e]=Y;var
E=Y} else { var G=X(r);if(Se[e]=G,0==(0|G)){ var E=0;break } if(21==(0|Se[G>>2])){ var n=G;break r } var E=G } } else
if(80==(0|_)){ Se[a]=t+1|0;var W=N(r),Z=D(r,29,W,0);Se[e]=Z;var E=Z} else if(82==(0|_)){ Se[a]=t+1|0;var
Q=N(r),q=D(r,30,Q,0);Se[e]=q;var E=q} else if(67==(0|_)){ Se[a]=t+1|0;var $=N(r),J=D(r,31,$,0);Se[e]=J;var
E=J} else if(71==(0|_)){ Se[a]=t+1|0;var rr=N(r),ar=D(r,32,rr,0);Se[e]=ar;var E=ar} else {if(85!=(0|_)){ var n=0;break
r } Se[a]=t+1|0;var er=L(r);Se[e]=er;var ir=N(r),vr=Se[e],tr=D(r,28,ir,vr);Se[e]=tr;var E=tr } } while(0);var
E,fr=R(r,E);if(0==(0|fr)){ var n=0;break } var n=Se[e]} while(0);var n;return Oe=i,n } function I(r,a,e){ for(var
i,v=r+12|0,t=0!=(0|e),f=t?25:22,i=(r+48|0)>>2, _=t?26:23,s=t?27:24,n=a;;){ var
n,o=Se[v>>2],l=Ae[o];if(1<<24>>24!=114&&l<<24>>24!=86&&l<<24>>24!=75){ var b=n;break } var
k=o+1|0;if(Se[v>>2]=k,l<<24>>24==114){ var u=Se[i]+9|0;Se[i]=u;var c=f} else if(1<<24>>24==86){ var
h=Se[i]+9|0;Se[i]=h;var c=_} else { var d=Se[i]+6|0;Se[i]=d;var c=s } var
c,w=D(r,c,0,0);if(Se[n>>2]=w,0==(0|w)){ var b=0;break } var n=w+4|0 } var b;return b } function P(r,a){ var
e=0==(0|a);do if(e)var i=0;else { var v=J(r);if(0==(0|v)){ var i=0;break } Se[v>>2]=33,Se[v+4>>2]=a;var
i=v } while(0);var i;return i } function D(r,a,e,i){ var
v,t;do { if(1==(0|a)||2==(0|a)||3==(0|a)||4==(0|a)||10==(0|a)||28==(0|a)||37==(0|a)||43==(0|a)||44==(0|a)||45==(0|a)||46=
=(0|a)||47==(0|a)||48==(0|a)||49==(0|a)||50==(0|a)) { if(0==(0|e)|0==(0|i)) { var
f=0;t=7;break } t=5;break } if(8==(0|a)||9==(0|a)||11==(0|a)||12==(0|a)||13==(0|a)||14==(0|a)||15==(0|a)||16==(0|a)||17=
=(0|a)||18==(0|a)||19==(0|a)||20==(0|a)||29==(0|a)||30==(0|a)||31==(0|a)||32==(0|a)||34==(0|a)||38==(0|a)||39==(0|a)||4
2==(0|a)) { if(0==(0|e)) { var f=0;t=7;break } t=5;break } if(36==(0|a)) { if(0==(0|i)) { var
f=0;t=7;break } t=5;break } if(35==(0|a)||22==(0|a)||23==(0|a)||24==(0|a)||25==(0|a)||26==(0|a)||27==(0|a))t=5;else { var
f=0;t=7 } } while(0);do if(5==t){ var _=J(r),v=_>>2;if(0==(0|_)){ var f=0;break } Se[v]=a,Se[v+1]=e,Se[v+2]=i;var
f=_ } while(0);var f;return f } function L(r){ var a=sr(r);if((0|a)<1)var e=0;else { var i=Rr(r,a);Se[r+44>>2]=i;var
e=i } var e;return e } function F(r){ var
a,a=(r+12|0)>>2,e=Se[a],i=e+1|0;if(Se[a]=i,Ae[e]<<24>>24==70){ if(Ae[i]<<24>>24==89){ var
v=e+2|0;Se[a]=v } var t=Sr(r,1),f=Se[a],_=f+1|0;Se[a]=_;var s=Ae[f]<<24>>24==69?t:0,n=s} else var n=0;var
n;return n } function X(r){ var a=Ar(r);return a } function j(r){ var a,a=(r+12|0)>>2,e=Se[a],i=e+1|0;Se[a]=i;var
v=Ae[e]<<24>>24==65;do if(v){ var t=Ae[i];if(t<<24>>24==95)var f=0;else if((t-48&255&255)<10){ for(var
_=i;;){ var _,s=_+1|0;if(Se[a]=s,(Ae[s]-48&255&255)>=10)break;var _=s } var n=s-i|0,o=lr(r,i,n);if(0==(0|o)){ var
l=0;break } var f=o} else { var b=nr(r);if(0==(0|b)){ var l=0;break } var f=b } var
f,k=Se[a],u=k+1|0;if(Se[a]=u,Ae[k]<<24>>24!=95){ var l=0;break } var c=N(r),h=D(r,36,f,c),l=h} else var
l=0;while(0);var l;return l } function U(r){ var a=Oe;Oe+=4;var e=a,i=r+12|0,v=Se[i>>2],t=v+1|0;Se[i>>2]=t;var
f=Ae[v]<<24>>24==77;r:do if(f){ var _=N(r),s=I(r,e,1);if(0==(0|s)){ var n=0;break } var o=N(r);Se[s>>2]=o;var
l=(0|s)==(0|e);do if(!l){ if(35==(0|Se[o>>2]))break;var b=Se[e>>2],k=R(r,b);if(0==(0|k)){ var n=0;break
r } } while(0);var u=Se[e>>2],c=D(r,37,_,u),n=c} else var n=0;while(0);var n;return Oe=a,n } function x(r){ var
a,a=(r+12|0)>>2,e=Se[a],i=e+1|0;Se[a]=i;var v=Ae[e]<<24>>24==84;do if(v){ if(Ae[i]<<24>>24==95)var

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t=0,f=i;else{ var _=sr(r);if((0|_)<0){ var s=0;break } var t=_+1|0,f=Se[a]} var
f,t;if(Se[a]=f+1|0,Ae[f]<<24>>24!=95){ var s=0;break } var n=r+40|0,o=Se[n>>2]+1|0;Se[n>>2]=o;var
l=Er(r,t),s=1}else var s=0;while(0);var s;return s}function z(r){ var a,e=Oe;Oe+=4;var
i=e,v=r+44|0,t=Se[v>>2],a=(r+12|0)>>2,f=Se[a],_=f+1|0;Se[a]=_;var s=Ae[f]<<24>>24===73;r:do
if(s){ Se[i>>2]=0;for(var n=i;;){ var n,o=_r(r);if(0==(0|o)){ var l=0;break r } var
b=D(r,39,o,0);if(Se[n>>2]=b,0==(0|b)){ var l=0;break r } var k=Se[a];if(Ae[k]<<24>>24==69)break;var n=b+8|0} var
u=k+1|0;Se[a]=u,Se[v>>2]=t;var l=Se[i>>2]}else var l=0;while(0);var l;return Oe=e,l}function V(r,a){ var
e,e=(r+12|0)>>2,i=Se[e],v=i+1|0;Se[e]=v;var t=Ae[i]<<24>>24==83;r:do if(t){ var f=i+2|0;Se[e]=f;var
_=ge[v];if(_<<24>>24==95)var s=0;else{ if(!((_ -48&255&255)<10)(_ -65&255&255)<26)){ var
n=8&Se[r+8>>2],o=n>>>3,l=0!=(0|n)|0==(0|a);do if(l)var b=o;else{ if((Ae[f]-67&255&255)>=2){ var
b=o;break } var b=1 } while(0);for(var b,k=0|ei;;){ var k;if(k>>>0>=(ei+196|0)>>>0){ var u=0;break
r }if(_<<24>>24==Ae[0|k]<<24>>24)break;var k=k+28|0} var c=Se[k+20>>2];if(0!=(0|c)){ var
h=Se[k+24>>2],d=fr(r,c,h);Se[r+44>>2]=d}if(0==(0|b))var w=k+8|0,p=k+4|0;else var w=k+16|0,p=k+12|0;var
p,w,E=Se[w>>2],A=Se[p>>2],g=r+48|0,y=Se[g>>2]+E|0;Se[g>>2]=y;var m=fr(r,A,E),u=m;break }for(var
S=_ ,M=0,C=f;){ var C,M,S;if((S-48&255&255)<10)var R=36*M-48|0;else{ if((S-65&255&255)>=26){ var
u=0;break r }var R=36*M-55|0} var R,T=(S<<24>>24)+R|0;if((0|T)<0){ var u=0;break r }var O=C+1|0;Se[e]=O;var
N=ge[C];if(N<<24>>24==95)break;var S=N,M=T,C=O} var s=T+1|0} var s;if((0|s)>=(0|Se[r+32>>2])){ var
u=0;break } var I=r+40|0,P=Se[I>>2]+1|0;Se[I>>2]=P;var u=Se[Se[r+28>>2]+(s<<2)>>2]}else var u=0;while(0);var
u;return u}function B(r,a,e,i){ var v,t,f,_,s=Oe;Oe+=28;var n,o=s, _=o>>2;Se[_]=r;var
l=e+1|0,f=(o+12|0)>>2;Se[f]=l;var b=Jr(l),t=(o+4|0)>>2;if(Se[t]=b,0==(0|b))var k=0,u=1;else{ var
v=(o+8|0)>>2;Se[v]=0,Se[_+4]=0,Se[_+5]=0;var c=o+24|0;Se[c>>2]=0,H(o,a);var
h=Me[t],d=0==(0|h);do{ if(!d){ var
w=Me[v];if(w>>>0>=Me[f]>>>0){ n=5;break } Se[v]=w+1|0,Ae[h+w|0]=0,n=6;break } n=5 } while(0);5==n&&Y(o,0)
;var p=Se[t],E=0==(0|p)?Se[c>>2]:Se[f],k=p,u=E} var u,k;return Se[i>>2]=u,Oe=s,k}function H(r,a){ var
e,i,v,t,f,_,s,n,o,l,b,k,u,c,h,d,w,p,E,A,g,y,m,S,M,C,R,T,O,N,I,P,D,L,F,X,j,U,x,z,V,B,K,G,W,J,vr,tr,fr,_r,sr,nr,or,lr,br,k
r,ur,cr,hr,dr,wr,pr=a>>2,Er=r>>2,Ar=Oe;Oe+=184;var
gr,yr=Ar,wr=yr>>2,mr=Ar+64,dr=mr>>2,Sr=Ar+72,Mr=Ar+88,Cr=Ar+104,hr=Cr>>2,Rr=Ar+168,Tr=0==(0|a);r:d
o if(Tr)/Z(r);else{ var cr=(r+4|0)>>2,Or=Me[cr];if(0==(0|Or))break;var
Nr=0|a,Ir=Me[Nr>>2];a:do{ if(0==(0|Ir)){ if(0!=(4&Se[Er]|0)){ var Pr=Se[pr+1],Dr=Se[pr+2];q(r,Pr,Dr);break r } var
ur=(r+8|0)>>2,Lr=Me[ur],Fr=a+8|0,Xr=Me[Fr>>2];if((Xr+Lr|0)>>>0>Me[Er+3]>>>0){ var
jr=Se[pr+1];Q(r,jr,Xr);break r } var Ur=Or+Lr|0,xr=Se[pr+1];Pa(Ur,xr,Xr,1);var
zr=Se[ur]+Se[Fr>>2]|0;Se[ur]=zr;break r }if(1==(0|Ir)||2==(0|Ir)){ var Vr=Se[pr+1];H(r,Vr);var
Br=0==(4&Se[Er]|0),Hr=Me[cr],Kr=0!=(0|Hr);e:do if(Br){ do if(Kr){ var
kr=(r+8|0)>>2,Yr=Me[kr];if((Yr+2|0)>>>0>Me[Er+3]>>>0)break;var
Gr=Hr+Yr|0;oe=14906,Ae[Gr]=255&oe,oe>>>8,Ae[Gr+1]=255&oe;var Wr=Se[kr]+2|0;Se[kr]=Wr;break
e } while(0);Q(r,0|He.__str120,2)}else{ do if(Kr){ var
Zr=r+8|0,Qr=Me[Zr>>2];if(Qr>>>0>=Me[Er+3]>>>0)break;Se[Zr>>2]=Qr+1|0,Ae[Hr+Qr|0]=46;break
e } while(0);Y(r,46)} while(0);var qr=Se[pr+2];H(r,qr);break r }if(3==(0|Ir)){ for(var
br=(r+20|0)>>2,$r=Me[br],lr=(r+16|0)>>2,Jr=a,ra=0,aa=$r;){ var aa,ra,Jr,ea=Me[Jr+4>>2];if(0==(0|ea)){ var
ia=ra,va=0;gr=33;break } if(ra>>>0>3){ Z(r);break r } var
ta=(ra<<4)+yr|0;Se[ta>>2]=aa,Se[br]=ta,Se[((ra<<4)+4>>2)+wr]=ea,Se[((ra<<4)+8>>2)+wr]=0;var
fa=Me[lr];Se[((ra<<4)+12>>2)+wr]=fa;var _a=ra+1|0,sa=0|ea,na=Me[sa>>2];if((na-
25|0)>>>0>=3){ gr=25;break } var Jr=ea,ra=_a,aa=ta } e:do
if(25==gr){ if(4==(0|na)){ Se[dr]=fa,Se[lr]=mr,Se[dr+1]=ea;var oa=Se[sa>>2],la=mr} else var oa=na,la=fa;var
la,oa;if(2!=(0|oa)){ var ia=_a,va=sa;break } for(var ba=_a,ka=ea+8|0;){ var ka,ba,ua=Me[ka>>2];if((Se[ua>>2]-
25|0)>>>0>=3){ var ia=ba,va=sa;break e } if(ba>>>0>3)break;var ca=(ba<<4)+yr|0,ha=ba-
1|0,da=(ha<<4)+yr|0,or=ca>>2,nr=da>>2;Se[or]=Se[nr],Se[or+1]=Se[nr+1],Se[or+2]=Se[nr+2],Se[or+3]=Se[nr+3],
Se[ca>>2]=da,Se[br]=ca,Se[((ha<<4)+4>>2)+wr]=ua,Se[((ha<<4)+8>>2)+wr]=0,Se[((ha<<4)+12>>2)+wr]=la;var

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ba=ba+1|0,ka=ua+4|0}Z(r);break r} while(0);var va,ia,wa=Se[pr+2];if(H(r,wa),4==(0|Se[va>>2])){ var
pa=Se[dr];Se[lr]=pa} var Ea=0==(0|ia);e:do if(!Ea)for(var Aa=r+8|0,ga=r+12|0,ya=ia;){ var ya,ma=ya-
1|0;if(0==(0|Se[((ma<<4)+8)>>2]+wr))){ var Sa=Me[cr],Ma=0==(0|Sa);do{ if(!Ma){ var
Ca=Me[Aa>>2];if(Ca>>>0>=Me[ga>>2]>>>0){ gr=41;break }Se[Aa>>2]=Ca+1|0,Ae[Ca+1|0]=32,gr=42;break }gr
=41} while(0);41==gr&&Y(r,32);var Ra=Se[((ma<<4)+4)>>2]+wr);$(r,Ra)if(0==(0|ma))break e;var
ya=ma} while(0);Se[br]=$r;break r} if(4==(0|Ir)){ var sr=(r+20|0)>>2,Ta=Se[sr];Se[sr]=0;var
Oa=Se[pr+1];H(r,Oa);var Na=Me[cr],Ia=0==(0|Na);do{ if(!Ia){ var _r=(r+8|0)>>2,Da=Me[_r],La=0==(0|Da);do
if(!La){ if(Ae[Na+(Da-
1)|0]<<24>>24!=60)break;Da>>>0<Me[Er+3]>>>0?(Se[_r]=Da+1|0,Ae[Na+Da|0]=32):Y(r,32)} while(0);var
Fa=Me[cr];if(0==(0|Fa)){ gr=54;break } var
Xa=Me[_r];if(Xa>>>0>=Me[Er+3]>>>0){ gr=54;break }Se[_r]=Xa+1|0,Ae[Fa+Xa|0]=60,gr=55;break }gr=54} while(
0);54==gr&&Y(r,60);var ja=Se[pr+2];H(r,ja);var Ua=Me[cr],xa=0==(0|Ua);do{ if(!xa){ var
fr=(r+8|0)>>2,za=Me[fr],Va=0==(0|za);do{ if(!Va){ if(Ae[Ua+(za-
1)|0]<<24>>24!=62)break;za>>>0<Me[Er+3]>>>0?(Se[fr]=za+1|0,Ae[Ua+za|0]=32):Y(r,32)} while(0);var
Ba=Me[cr];if(0==(0|Ba)){ gr=64;break } var
Ha=Me[fr];if(Ha>>>0>=Me[Er+3]>>>0){ gr=64;break }Se[fr]=Ha+1|0,Ae[Ba+Ha|0]=62,gr=65;break }gr=64} while(
0);64==gr&&Y(r,62),Se[sr]=Ta;break r} if(5==(0|Ir)){ var tr=(r+16|0)>>2,Ka=Me[tr];if(0==(0|Ka)){ Z(r);break
r}for(var Ya=Se[pr+1],Ga=Se[Ka+4>>2];){ var
Ga,Ya,Wa=Se[Ga+8>>2];if(0==(0|Wa))break;if(39!=(0|Se[Wa>>2])){ Z(r);break
r}if((0|Ya)<1){ if(0!=(0|Ya))break;var Za=Se[Ka>>2];Se[tr]=Za;var Qa=Se[Wa+4>>2];H(r,Qa),Se[tr]=Ka;break
r} var Ya=Ya-1|0,Ga=Wa}Z(r);break r} if(6==(0|Ir)){ var qa=Se[pr+2];H(r,qa);break r} if(7==(0|Ir)){ var
$a=r+8|0,Ja=Me[$a>>2];Ja>>>0<Me[Er+3]>>>0?(Se[$a>>2]=Ja+1|0,Ae[Or+Ja|0]=126):Y(r,126);var
re=Se[pr+2];H(r,re);break r} if(8==(0|Ir)){ var
vr=(r+8|0)>>2,ae=Me[vr];if((ae+11|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str121,11);else{ for(var
ee=Or+ae|0,ie=0|He.__str121,ve=ee,te=ie+11;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var fe=Se[vr+11|0];Se[vr]=fe} var
_e=Se[pr+1];H(r,_e);break r} if(9==(0|Ir)){ var
J=(r+8|0)>>2,se=Me[J];if((se+8|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str122,8);else{ var
ne=Or+se|0,le=0|ne;oe=542397526,Ae[le]=255&oe,oe>>>8,Ae[le+1]=255&oe,oe>>>8,Ae[le+2]=255&oe,oe>>>8,
Ae[le+3]=255&oe;var
be=ne+4|0;oe=544370534,Ae[be]=255&oe,oe>>>8,Ae[be+1]=255&oe,oe>>>8,Ae[be+2]=255&oe,oe>>>8,Ae[be+
3]=255&oe;var ke=Se[J+8|0];Se[J]=ke} var ue=Se[pr+1];H(r,ue);break r} if(10==(0|Ir)){ var
W=(r+8|0)>>2,ce=Me[W],he=r+12|0;if((ce+24|0)>>>0>Me[he>>2]>>>0)Q(r,0|He.__str123,24);else{ var
de=Or+ce|0;Pa(de,0|He.__str123,24,1);var we=Se[W]+24|0;Se[W]=we} var pe=Se[pr+1];H(r,pe);var
Ee=Me[cr],ge=0==(0|Ee);do{ if(!ge){ var ye=Me[W];if((ye+4|0)>>>0>Me[he>>2]>>>0){ gr=96;break } var
me=Ee+ye|0;oe=762210605,Ae[me]=255&oe,oe>>>8,Ae[me+1]=255&oe,oe>>>8,Ae[me+2]=255&oe,oe>>>8,Ae[
me+3]=255&oe;var Ce=Se[W]+4|0;Se[W]=Ce,gr=97;break }gr=96} while(0);96==gr&&Q(r,0|He.__str124,4);var
Re=Se[pr+2];H(r,Re);break r} if(11==(0|Ir)){ var
G=(r+8|0)>>2,Te=Me[G];if((Te+13|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str125,13);else{ for(var
Ne=Or+Te|0,ie=0|He.__str125,ve=Ne,te=ie+13;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var Ie=Se[G+13|0];Se[G]=Ie} var
Pe=Se[pr+1];H(r,Pe);break r} if(12==(0|Ir)){ var
K=(r+8|0)>>2,De=Me[K];if((De+18|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str126,18);else{ for(var
Le=Or+De|0,ie=0|He.__str126,ve=Le,te=ie+18;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var Fe=Se[K+18|0];Se[K]=Fe} var
Xe=Se[pr+1];H(r,Xe);break r} if(13==(0|Ir)){ var
B=(r+8|0)>>2,je=Me[B];if((je+16|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str127,16);else{ for(var
Ue=Or+je|0,ie=0|He.__str127,ve=Ue,te=ie+16;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var xe=Se[B+16|0];Se[B]=xe} var
ze=Se[pr+1];H(r,ze);break r} if(14==(0|Ir)){ var
V=(r+8|0)>>2,Ve=Me[V];if((Ve+21|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str128,21);else{ var
Be=Or+Ve|0;Pa(Be,0|He.__str128,21,1);var Ke=Se[V]+21|0;Se[V]=Ke} var Ye=Se[pr+1];H(r,Ye);break

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r}if(15==(0|Ir)){var z=(r+8|0)>>>2,Ge=Me[z];if((Ge+17|0)>>>>0>Me[Er+3]>>>>0)Q(r,0|He.__str129,17);else{for(var
We=Or+Ge|0,ie=0|He.__str129,ve=We,te=ie+17;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var Ze=Se[z]+17|0;Se[z]=Ze}var
Qe=Se[pr+1];H(r,Qe);break r}if(16==(0|Ir)){var
x=(r+8|0)>>>2,qe=Me[x];if((qe+26|0)>>>>0>Me[Er+3]>>>>0)Q(r,0|He.__str130,26);else{var
$e=Or+qe|0;Pa($e,0|He.__str130,26,1);var Je=Se[x]+26|0;Se[x]=Je}var ri=Se[pr+1];H(r,ri);break
r}if(17==(0|Ir)){var U=(r+8|0)>>>2,ai=Me[U];if((ai+15|0)>>>>0>Me[Er+3]>>>>0)Q(r,0|He.__str131,15);else{for(var
ei=Or+ai|0,ie=0|He.__str131,ve=ei,te=ie+15;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var ii=Se[U]+15|0;Se[U]=ii}var
vi=Se[pr+1];H(r,vi);break r}if(18==(0|Ir)){var
j=(r+8|0)>>>2,ti=Me[j];if((ti+19|0)>>>>0>Me[Er+3]>>>>0)Q(r,0|He.__str132,19);else{for(var
fi=Or+ti|0,ie=0|He.__str132,ve=fi,te=ie+19;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var _i=Se[j]+19|0;Se[j]=_i}var
si=Se[pr+1];H(r,si);break r}if(19==(0|Ir)){var
X=(r+8|0)>>>2,ni=Me[X];if((ni+24|0)>>>>0>Me[Er+3]>>>>0)Q(r,0|He.__str133,24);else{var
oi=Or+ni|0;Pa(oi,0|He.__str133,24,1);var li=Se[X]+24|0;Se[X]=li}var bi=Se[pr+1];H(r,bi);break
r}if(20==(0|Ir)){var F=(r+8|0)>>>2,ki=Me[F];if((ki+17|0)>>>>0>Me[Er+3]>>>>0)Q(r,0|He.__str134,17);else{for(var
ui=Or+ki|0,ie=0|He.__str134,ve=ui,te=ie+17;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var ci=Se[F]+17|0;Se[F]=ci}var
hi=Se[pr+1];H(r,hi);break r}if(21==(0|Ir)){var
L=(r+8|0)>>>2,di=Me[L],wi=a+8|0,pi=Me[wi>>>2];if((pi+di|0)>>>>0>Me[Er+3]>>>>0){var
Ei=Se[pr+1];Q(r,Ei,pi);break r}var Ai=Or+di|0,gi=Se[pr+1];Pa(Ai,gi,pi,1);var
yi=Se[L]+Se[wi>>>2]|0;Se[L]=yi;break r}if(22==(0|Ir)||23==(0|Ir)||24==(0|Ir)){for(var mi=r+20|0;){var
mi,Si=Me[mi>>>2];if(0==(0|Si))break a;if(0==(0|Se[Si+8>>>2])){var Mi=Me[Se[Si+4>>>2]>>>2];if((Mi-
22|0)>>>>0>=3)break a;if((0|Mi)==(0|Ir))break}var mi=0|Si}var Ci=Se[pr+1];H(r,Ci);break
r}if(25!=(0|Ir)&&26!=(0|Ir)&&27!=(0|Ir)&&28!=(0|Ir)&&29!=(0|Ir)&&30!=(0|Ir)&&31!=(0|Ir)&&32!=(0|Ir)){if(3
3==(0|Ir)){var D=(r+8|0)>>>2,Ri=Me[D],P=(a+4|0)>>>2,I=Me[P]>>>2;if(0==(4&Se[Er]|0)){var
Ti=Me[I+1];if((Ti+Ri|0)>>>>0>Me[Er+3]>>>>0){var Oi=Se[I];Q(r,Oi,Ti);break r}var
Ni=Or+Ri|0,Ii=Se[I];Pa(Ni,Ii,Ti,1);var Pi=Se[D]+Se[Se[P]+4>>>2]|0;Se[D]=Pi;break r}var
Di=Me[I+3];if((Di+Ri|0)>>>>0>Me[Er+3]>>>>0){var Li=Se[I+2];Q(r,Li,Di);break r}var
Fi=Or+Ri|0,Xi=Se[I+2];Pa(Fi,Xi,Di,1);var ji=Se[D]+Se[Se[P]+12>>>2]|0;Se[D]=ji;break r}if(34==(0|Ir)){var
Ui=Se[pr+1];H(r,Ui);break r}if(35==(0|Ir)){var N=(0|r)>>>2;if(0!=(32&Se[N]|0)){var xi=Se[Er+5];rr(r,a,xi)}var
zi=a+4|0,Vi=0==(0|Se[zi>>>2]);e:do if(!Vi){var
O=(r+20|0)>>>2,Bi=Se[O],Hi=0|Mr;Se[Hi>>>2]=Bi,Se[O]=Mr,Se[Mr+4>>>2]=a;var Ki=Mr+8|0;Se[Ki>>>2]=0;var
Yi=Se[Er+4];Se[Mr+12>>>2]=Yi;var Gi=Se[zi>>>2];H(r,Gi);var
Wi=Se[Hi>>>2];if(Se[O]=Wi,0!=(0|Se[Ki>>>2]))break r;if(0!=(32&Se[N]|0))break;var Zi=Me[cr],Qi=0==(0|Zi);do
if(!Qi){var qi=r+8|0,$i=Me[qi>>>2];if($i>>>>0>=Me[Er+3]>>>>0)break;Se[qi>>>2]=$i+1|0,Ae[Zi+$i|0]=32;break
e}while(0);Y(r,32)}while(0);if(0!=(32&Se[N]|0))break r;var Ji=Se[Er+5];rr(r,a,Ji);break r}if(36==(0|Ir)){var
T=(r+20|0)>>>2,rv=Me[T],av=0|Cr;Se[hr]=rv,Se[T]=av,Se[hr+1]=a;var ev=Cr+8|0;Se[ev>>>2]=0;var
iv=Se[Er+4];Se[hr+3]=iv;for(var vv=rv, tv=1;){var tv,vv;if(0==(0|vv))break;if((Se[Se[vv+4>>>2]>>>2]-
22|0)>>>>0>=3)break;var fv=vv+8|0;if(0==(0|Se[fv>>>2])){if(tv>>>>0>3){Z(r);break r}var
_v=(tv<<<4)+Cr|0,R=_v>>>2,C=vv>>>2;Se[R]=Se[C],Se[R+1]=Se[C+1],Se[R+2]=Se[C+2],Se[R+3]=Se[C+3];var
sv=Se[T];Se[_v>>>2]=sv,Se[T]=_v,Se[fv>>>2]=1;var nv=tv+1|0}else var nv=tv;var nv,vv=Se[vv>>>2],tv=nv}var
ov=Se[pr+2];if(H(r,ov),Se[T]=rv,0!=(0|Se[ev>>>2]))break r;if(tv>>>>0>1){for(var lv=tv;){var lv,bv=lv-
1|0,kv=Se[(bv<<<4)+4>>>2]+hr;if($r(kv),bv>>>>0<=1)break;var lv=bv}var uv=Se[T]}else var uv=rv;var
uv;ar(r,a,uv);break r}if(37==(0|Ir)){var
M=(r+20|0)>>>2,cv=Se[M],hv=0|Rr;Se[hv>>>2]=cv,Se[M]=Rr,Se[Rr+4>>>2]=a;var dv=Rr+8|0;Se[dv>>>2]=0;var
wv=Se[Er+4];Se[Rr+12>>>2]=wv;var pv=a+4|0,Ev=Se[pr+2];H(r,Ev);var Av=0==(0|Se[dv>>>2]);e:do if(Av){var
gv=Me[cr],yv=0==(0|gv);do{if(!yv){var
mv=r+8|0,Sv=Me[mv>>>2];if(Sv>>>>0>=Me[Er+3]>>>>0){gr=187;break}Se[mv>>>2]=Sv+1|0,Ae[gv+Sv|0]=32,gr=18
8;break}gr=187}while(0);187==gr&&Y(r,32);var Mv=Se[pv>>>2];H(r,Mv);var Cv=Me[cr],Rv=0==(0|Cv);do
if(!Rv){var S=(r+8|0)>>>2,Tv=Me[S];if((Tv+3|0)>>>>0>Me[Er+3]>>>>0)break;var

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Ov=Cv+Tv|0;Ae[Ov]=Ae[0]He.__str135],Ae[Ov+1]=Ae[(0]He.__str135)+1],Ae[Ov+2]=Ae[(0]He.__str135)+2];var
Nv=Se[S]+3|0;Se[S]=Nv;break e}while(0);Q(r,0]He.__str135,3)}while(0);var Iv=Se[hv>>2];Se[M]=Iv;break
r}if(38==(0]Ir)|39==(0]Ir)){var Pv=Se[pr+1];H(r,Pv);var Dv=a+8|0;if(0==(0]Se[Dv>>2]))break r;var
Lv=Me[cr],Fv=0==(0]Lv);do{if(!Fv){var
m=(r+8|0)>>2,Xv=Me[m];if((Xv+2|0)>>>0>Me[Er+3]>>>0){gr=197;break}var
jv=Lv+Xv|0;oe=8236,Ae[jv]=255&oe,oe>>=8,Ae[jv+1]=255&oe;var
Uv=Se[m]+2|0;Se[m]=Uv,gr=198;break}gr=197}while(0);197==gr&&Q(r,0]He.__str136,2);var
xv=Se[Dv>>2];H(r,xv);break r}if(40==(0]Ir)){var
y=(r+8|0)>>2,zv=Me[y],g=(r+12|0)>>2;if((zv+8|0)>>>0>Me[g]>>>0)Q(r,0]He.__str137,8);else{var
Vv=Or+zv|0,le=0]Vv;oe=1919250543,Ae[le]=255&oe,oe>>=8,Ae[le+1]=255&oe,oe>>=8,Ae[le+2]=255&oe,oe>>
=8,Ae[le+3]=255&oe;var
be=Vv+4|0;oe=1919906913,Ae[be]=255&oe,oe>>=8,Ae[be+1]=255&oe,oe>>=8,Ae[be+2]=255&oe,oe>>=8,Ae[be
+3]=255&oe;var Bv=Se[y]+8|0;Se[y]=Bv}var A=(a+4|0)>>2,Hv=(Ae[Se[Se[A]+4>>2]]-97&255&255)<26;e:do
if(Hv){var Kv=Me[cr],Yv=0==(0]Kv);do if(!Yv){var
Gv=Me[y];if(Gv>>>0>=Me[g]>>>0)break;Se[y]=Gv+1|0,Ae[Kv+Gv|0]=32;break e}while(0);Y(r,32)}while(0);var
Wv=Me[cr],Zv=0==(0]Wv);do{if(!Zv){var
Qv=Me[y],qv=Me[A],$v=Me[qv+8>>2];if(($v+Qv|0)>>>0>Me[g]>>>0){var Jv=qv,rt=$v;break}var
at=Wv+Qv|0,et=Se[qv+4>>2];Pa(at,et,$v,1);var it=Se[y]+Se[Se[A]+8>>2]|0;Se[y]=it;break r}var
vt=Me[A],Jv=vt,rt=Se[vt+8>>2]}while(0);var rt,Jv,tt=Se[Jv+4>>2];Q(r,tt,rt);break r}if(41==(0]Ir)){var
E=(r+8|0)>>2,ft=Me[E];if((ft+9|0)>>>0>Me[Er+3]>>>0)Q(r,0]He.__str10180,9);else{for(var
_t=Or+ft|0,ie=0]He.__str10180,ve=_t,te=ie+9;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var st=Se[E]+9|0;Se[E]=st}var
nt=Se[pr+2];H(r,nt);break r}if(42==(0]Ir)){var
p=(r+8|0)>>2,ot=Me[p];if((ot+9|0)>>>0>Me[Er+3]>>>0)Q(r,0]He.__str10180,9);else{for(var
lt=Or+ot|0,ie=0]He.__str10180,ve=lt,te=ie+9;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var
bt=Se[p]+9|0;Se[p]=bt}er(r,a);break r}if(43==(0]Ir)){var kt=a+4|0,ut=Se[kt>>2],ct=42==(0]Se[ut>>2]);e:do
if(ct){var w=(r+8|0)>>2,ht=Me[w],dt=r+12|0;ht>>>0<Me[dt>>2]>>>0?(Se[w]=ht+1|0,Ae[Or+ht|0]=40):Y(r,40);var
wt=Se[kt>>2];er(r,wt);var pt=Me[cr],Et=0==(0]pt);do if(!Et){var
At=Me[w];if(At>>>0>=Me[dt>>2]>>>0)break;Se[w]=At+1|0,Ae[pt+At|0]=41;break e}while(0);Y(r,41)}else
ir(r,ut);while(0);var gt=Me[cr],yt=0==(0]gt);do{if(!yt){var
mt=r+8|0,St=Me[mt>>2];if(St>>>0>=Me[Er+3]>>>0){gr=232;break}Se[mt>>2]=St+1|0,Ae[gt+St|0]=40,gr=233;br
eak}gr=232}while(0);232==gr&&Y(r,40);var Mt=Se[pr+2];H(r,Mt);var Ct=Me[cr],Rt=0==(0]Ct);do if(!Rt){var
Tt=r+8|0,Ot=Me[Tt>>2];if(Ot>>>0>=Me[Er+3]>>>0)break;Se[Tt>>2]=Ot+1|0,Ae[Ct+Ot|0]=41;break
r}while(0);Y(r,41);break r}if(44==(0]Ir)){var d=(a+8|0)>>2;if(45==(0]Se[Se[d]>>2])){var
h=(a+4|0)>>2,Nt=Se[h],It=40==(0]Se[Nt>>2]);do if(It){var
Pt=Se[Nt+4>>2];if(!=(0]Se[Pt+8>>2]))break;if(Ae[Se[Pt+4>>2]]<<24>>24!=62)break;var
Dt=r+8|0,Lt=Me[Dt>>2];Lt>>>0<Me[Er+3]>>>0?(Se[Dt>>2]=Lt+1|0,Ae[Or+Lt|0]=40):Y(r,40)}while(0);var
Ft=Me[cr],Xt=0==(0]Ft);do{if(!Xt){var
jt=r+8|0,Ut=Me[jt>>2];if(Ut>>>0>=Me[Er+3]>>>0){gr=248;break}Se[jt>>2]=Ut+1|0,Ae[Ft+Ut|0]=40,gr=249;brea
k}gr=248}while(0);248==gr&&Y(r,40);var xt=Se[Se[d]+4>>2];H(r,xt);var zt=Me[cr],Vt=0==(0]zt);do{if(!Vt){var
c=(r+8|0)>>2,Bt=Me[c];if((Bt+2|0)>>>0>Me[Er+3]>>>0){gr=252;break}var
Ht=zt+Bt|0;oe=8233,Ae[Ht]=255&oe,oe>>=8,Ae[Ht+1]=255&oe;var
Kt=Se[c]+2|0;Se[c]=Kt,gr=253;break}gr=252}while(0);252==gr&&Q(r,0]He.__str139,2);var Yt=Se[h];ir(r,Yt);var
Gt=Me[cr],Wt=0==(0]Gt);do{if(!Wt){var
u=(r+8|0)>>2,Zt=Me[u];if((Zt+2|0)>>>0>Me[Er+3]>>>0){gr=256;break}var
Qt=Gt+Zt|0;oe=10272,Ae[Qt]=255&oe,oe>>=8,Ae[Qt+1]=255&oe;var
qt=Se[u]+2|0;Se[u]=qt,gr=257;break}gr=256}while(0);256==gr&&Q(r,0]He.__str140,2);var
$t=Se[Se[d]+8>>2];H(r,$t);var Jt=Me[cr],rf=0==(0]Jt);do{if(!rf){var
af=r+8|0,ef=Me[af>>2];if(ef>>>0>=Me[Er+3]>>>0){gr=260;break}Se[af>>2]=ef+1|0,Ae[Jt+ef|0]=41,gr=261;brea

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k }gr=260 }while(0);260==gr&&Y(r,41);var vf=Se[h];if(40!=(0|Se[vf>>2]))break r;var
tf=Se[vf+4>>2];if(1!=(0|Se[tf+8>>2]))break r;if(Ae[Se[tf+4>>2]]<<24>>24!=62)break r;var
ff=Me[cr],_f=0==(0|ff);do if(!_f){ var
sf=r+8|0,nf=Me[sf>>2];if(nf>>>0>=Me[Er+3]>>>0)break;Se[sf>>2]=nf+1|0,Ae[ff+nf|0]=41;break
r }while(0);Y(r,41);break r }Z(r);break r }if(45==(0|Ir)){ Z(r);break r }if(46==(0|Ir)){ var
of=a+4|0,k=(a+8|0)>>2,lf=Se[k],bf=47==(0|Se[lf>>2]);do if(bf){ if(48!=(0|Se[Se[lf+8>>2]>>2]))break;var
b=(r+8|0)>>2,kf=Me[b],l=(r+12|0)>>2;kf>>>0<Me[l]>>>0?(Se[b]=kf+1|0,Ae[Or+kf|0]=40):Y(r,40);var
uf=Se[Se[k]+4>>2];H(r,uf);var cf=Me[cr],hf=0==(0|cf);do { if(!hf){ var
df=Me[b];if((df+2|0)>>>0>Me[l]>>>0){ gr=278;break } var
wf=cf+df|0;oe=8233,Ae[wf]=255&oe,oe>>=8,Ae[wf+1]=255&oe;var
pf=Se[b]+2|0;Se[b]=pf,gr=279;break }gr=278 } while(0);278==gr&&Q(r,0|He.__str139,2);var
Ef=Se[of>>2];ir(r,Ef);var Af=Me[cr],gf=0==(0|Af);do { if(!gf){ var
yf=Me[b];if((yf+2|0)>>>0>Me[l]>>>0){ gr=282;break } var
mf=Af+yf|0;oe=10272,Ae[mf]=255&oe,oe>>=8,Ae[mf+1]=255&oe;var
Sf=Se[b]+2|0;Se[b]=Sf,gr=283;break }gr=282 } while(0);282==gr&&Q(r,0|He.__str140,2);var
Mf=Se[Se[Se[k]+8>>2]+4>>2];H(r,Mf);var Cf=Me[cr],Rf=0==(0|Cf);do { if(!Rf){ var
Tf=Me[b];if((Tf+5|0)>>>0>Me[l]>>>0){ gr=286;break } var
Of=Cf+Tf|0;Ae[Of]=Ae[0|He.__str141],Ae[Of+1]=Ae[(0|He.__str141)+1],Ae[Of+2]=Ae[(0|He.__str141)+2],Ae[Of
+3]=Ae[(0|He.__str141)+3],Ae[Of+4]=Ae[(0|He.__str141)+4];var
Nf=Se[b]+5|0;Se[b]=Nf,gr=287;break }gr=286 } while(0);286==gr&&Q(r,0|He.__str141,5);var
If=Se[Se[Se[k]+8>>2]+8>>2];H(r,If);var Pf=Me[cr],Df=0==(0|Pf);do if(!Df){ var
Lf=Me[b];if(Lf>>>0>=Me[l]>>>0)break;Se[b]=Lf+1|0,Ae[Pf+Lf|0]=41;break r }while(0);Y(r,41);break
r }while(0);Z(r);break r }if(47==(0|Ir)||48==(0|Ir)){ Z(r);break r }if(49==(0|Ir)||50==(0|Ir)){ var
Ff=a+4|0,Xf=Se[Ff>>2],jf=33==(0|Se[Xf>>2]);do { if(!jf){ var
Uf=Me[Se[Xf+4>>2]+16>>2];if(1==(0|Uf)||2==(0|Uf)||3==(0|Uf)||4==(0|Uf)||5==(0|Uf)||6==(0|Uf)){ var
xf=a+8|0;if(0!=(0|Se[Se[xf>>2]>>2])){ var zf=Uf;break }if(50==(0|Ir)){ var
Vf=r+8|0,Bf=Me[Vf>>2];Bf>>>0<Me[Er+3]>>>0?(Se[Vf>>2]=Bf+1|0,Ae[Or+Bf|0]=45):Y(r,45) } var
Hf=Se[xf>>2];if(H(r,Hf),2==(0|Uf)){ var Kf=Me[cr],Yf=0==(0|Kf);do if(!Yf){ var
Gf=r+8|0,Wf=Me[Gf>>2];if(Wf>>>0>=Me[Er+3]>>>0)break;Se[Gf>>2]=Wf+1|0,Ae[Kf+Wf|0]=117;break
r }while(0);Y(r,117);break r }if(3==(0|Uf)){ var Zf=Me[cr],Qf=0==(0|Zf);do if(!Qf){ var
qf=r+8|0,$f=Me[qf>>2];if($f>>>0>=Me[Er+3]>>>0)break;Se[qf>>2]=$f+1|0,Ae[Zf+$f|0]=108;break
r }while(0);Y(r,108);break r }if(4==(0|Uf)){ var Jf=Me[cr],r_=0==(0|Jf);do if(!r_){ var
o=(r+8|0)>>2,a_=Me[o];if((a_+2|0)>>>0>Me[Er+3]>>>0)break;var
e_=Jf+a_|0;oe=27765,Ae[e_]=255&oe,oe>>=8,Ae[e_+1]=255&oe;var i_=Se[o]+2|0;Se[o]=i_;break
r }while(0);Q(r,0|He.__str142,2);break r }if(5==(0|Uf)){ var v_=Me[cr],t_=0==(0|v_);do if(!t_){ var
n=(r+8|0)>>2,f_=Me[n];if((f_+2|0)>>>0>Me[Er+3]>>>0)break;var
__=v_+f_|0;oe=27756,Ae[__]=255&oe,oe>>=8,Ae[__+1]=255&oe;var s_=Se[n]+2|0;Se[n]=s_;break
r }while(0);Q(r,0|He.__str143,2);break r }if(6==(0|Uf)){ var n_=Me[cr],o_=0==(0|n_);do if(!o_){ var
s=(r+8|0)>>2,l_=Me[s];if((l_+3|0)>>>0>Me[Er+3]>>>0)break;var
b_=n_+l_|0;Ae[b_]=Ae[0|He.__str144],Ae[b_+1]=Ae[(0|He.__str144)+1],Ae[b_+2]=Ae[(0|He.__str144)+2];var
k_=Se[s]+3|0;Se[s]=k_;break r }while(0);Q(r,0|He.__str144,3);break r }break r }if(7==(0|Uf)){ var
_=Se[pr+2]>>2;if(0!=(0|Se[_])){ var zf=7;break }if(!(1==(0|Se[_+2])&49==(0|Ir))){ var zf=Uf;break } var
u_=Ae[Se[_+1]]<<24>>24;if(48==(0|u_)){ var
f=(r+8|0)>>2,c_=Me[f];if((c_+5|0)>>>0>Me[Er+3]>>>0){ Q(r,0|He.__str145,5);break r } var
h_=Or+c_|0;Ae[h_]=Ae[0|He.__str145],Ae[h_+1]=Ae[(0|He.__str145)+1],Ae[h_+2]=Ae[(0|He.__str145)+2],Ae[h_
+3]=Ae[(0|He.__str145)+3],Ae[h_+4]=Ae[(0|He.__str145)+4];var d_=Se[f]+5|0;Se[f]=d_;break
r }if(49==(0|u_)){ var t=(r+8|0)>>2,w_=Me[t];if((w_+4|0)>>>0>Me[Er+3]>>>0){ Q(r,0|He.__str146,4);break r } var
p_=Or+w_|0;oe=1702195828,Ae[p_]=255&oe,oe>>=8,Ae[p_+1]=255&oe,oe>>=8,Ae[p_+2]=255&oe,oe>>=8,Ae[

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p_+3]=255&oe;var E_ =Se[t]+4|0;Se[t]=E_;break r }var zf=Uf;break } var zf=Uf;break } var zf=0} while(0);var
zf,v=(r+8|0)>>2,A_ =Me[v],i=(r+12|0)>>2;A_>>>0<Me[i]>>>0?(Se[v]=A_+1|0,Ae[Or+A_]=40):Y(r,40);var
g_ =Se[Ff>>2];H(r,g_);var y_ =Me[cr],m_ =0==(0|y_);do{ if(!m_){ var
S_ =Me[v];if(S_>>>0>=Me[i]>>>0){ gr=335;break } Se[v]=S_+1|0,Ae[y_+S_]=41,gr=336;break } gr=335 } while(0);
335==gr&&Y(r,41);var M_ =50==(0|Se[Nr>>2]);e:do if(M_){ var C_ =Me[cr],R_ =0==(0|C_);do if(!R_){ var
T_ =Me[v];if(T_>>>0>=Me[i]>>>0)break;Se[v]=T_+1|0,Ae[C_+T_]=45;break
e } while(0);Y(r,45)} while(0);if(8==(0|zf)){ var O_ =Me[cr],N_ =0==(0|O_);do{ if(!N_){ var
I_ =Me[v];if(I_>>>0>=Me[i]>>>0){ gr=345;break } Se[v]=I_+1|0,Ae[O_+I_]=91,gr=346;break } gr=345 } while(0);3
45==gr&&Y(r,91);var P_ =Se[pr+2];H(r,P_);var D_ =Me[cr],L_ =0==(0|D_);do if(!L_){ var
F_ =Me[v];if(F_>>>0>=Me[i]>>>0)break;Se[v]=F_+1|0,Ae[D_+F_]=93;break r } while(0);Y(r,93);break r } var
X_ =Se[pr+2];H(r,X_);break r } Z(r);break r } } while(0);var
e=(r+20|0)>>2,j_ =Se[e],U_ =0|Sr;Se[U_>>2]=j_,Se[e]=Sr,Se[Sr+4>>2]=a;var x_ =Sr+8|0;Se[x_>>2]=0;var
z_ =Se[Er+4];Se[Sr+12>>2]=z_;var V_ =Se[pr+1];H(r,V_),0==(0|Se[x_>>2])&&$(r,a);var
B_ =Se[U_>>2];Se[e]=B_ } while(0);Oe=Ar }function K(r,a,e,i) { var
v=i>>2;Se[v]=r,Se[v+1]=r+e|0,Se[v+2]=a,Se[v+3]=r,Se[v+6]=e<<1,Se[v+5]=0,Se[v+9]=e,Se[v+8]=0,Se[v+10]=0,
Se[v+11]=0,Se[v+12]=0}function Y(r,a) { var e,i=r+4|0,v=Me[i>>2],t=0==(0|v);do if(!t) { var
e=(r+8|0)>>2,f=Me[e];if(f>>>0<Me[r+12>>2]>>>0)var _v,s=f;else { tr(r,1);var n=Me[i>>2];if(0==(0|n))break;var
_n,s=Se[e]} var s,_;Ae[_+s|0]=255&a;var o=Se[e]+1|0;Se[e]=o } while(0)}function G(r,a,e,i) { var
v,t=i>>2,f=Oe;Oe+=4;var _f,v=_>>2,s=0==(0|r);do if(s) { if(0==(0|i)) { var n=0;break } Se[t]=-3;var n=0} else { var
o=0==(0|e);if(0!=(0|a)&o) { if(0==(0|i)) { var n=0;break } Se[t]=-3;var n=0} else { var
l=W(r,_);if(0==(0|l)) { if(0==(0|i)) { var n=0;break } if(1==(0|Se[v])) { Se[t]=-1;var n=0} else { Se[t]=-2;var
n=0 } } else { var b=0==(0|a);do if(b) { if(o) { var k=l;break } var u=Se[v];Se[e>>2]=u;var k=l } else { var
c=Ca(1);if(c>>>0<Me[e>>2]>>>0) { Ra(a,1);va(1);var k=a } else { va(a);var h=Se[v];Se[e>>2]=h;var k=1 } } while(0);var
k;if(0==(0|i)) { var n=k;break } Se[t]=0;var n=k } } while(0);var n;return Oe=f,n }function W(r,a) { var
e,i=Oe;Oe+=52;var v,t=i,e=t>>2;Se[a>>2]=0;var
f=Ca(r,_ =Ae[r]<<24>>24==95;do { if(_){ if(Ae[r+1|0]<<24>>24==90) { var
s=0;v=13;break } v=3;break } v=3 } while(0);do if(3==v) { var n=Na(r,0|He.__str117,8);if(0!=(0|n)) { var
s=1;v=13;break } var o=Ae[r+8|0];if(o<<24>>24!=46&&o<<24>>24!=95&&o<<24>>24!=36) { var
s=1;v=13;break } var l=r+9|0,b=Ae[l];if(b<<24>>24!=68&&b<<24>>24!=73){ \\\nvar
s=1;v=13;break } if(Ae[r+10|0]<<24>>24!=95) { var s=1;v=13;break } var
k=f+29|0,u=Jr(k);if(0==(0|u)) { Se[a>>2]=1;var
c=0;v=19;break } Ae[l]<<24>>24==73?Pa(u,0|He.__str118,30,1):Pa(u,0|He.__str119,29,1);var
h=r+11|0,c=(Ia(u,h),u);v=19;break } while(0);if(13==v) { var s;K(r,17,f,t);var
d=Se[e+6],w=Ta(),p=Oe;Oe+=12*d,Oe=Oe+3>>2<<2;var
E=Oe;if(Oe+=4*Se[e+9],Oe=Oe+3>>2<<2,Se[e+4]=p,Se[e+7]=E,s)var A=N(t),g=A;else var y=T(t,1),g=y;var
g,m=Ae[Se[e+3]]<<24>>24==0?g:0,S=Se[e+12]+f+10*Se[e+10]|0;if(0==(0|m))var M=0;else var
C=S/8+S|0,R=B(17,m,C,a),M=R;var M;Oa(w);var c=M } var c;return Oe=i,c }function Z(r) { var
a=r+4|0,e=Se[a>>2];va(e),Se[a>>2]=0}function Q(r,a,e) { var i,v=r+4|0,t=Me[v>>2],f=0==(0|t);do if(!f) { var
i=(r+8|0)>>2,_ =Me[i];if((_+e|0)>>>0>Me[r+12>>2]>>>0) { tr(r,e);var s=Me[v>>2];if(0==(0|s))break;var
n=s,o=Se[i]} else var n=t,o=_;var o,n;Pa(n+o|0,a,e,1);var l=Se[i]+e|0;Se[i]=l } while(0)}function q(r,a,e) { var
i,v,t=a+e|0,f=(0|e)>0;r:do if(f)for(var _t,s=r+4|0,i=(r+8|0)>>2,n=r+12|0,o=a;;) { var o,l(_ -
o|0)>3;a:do { if(l) { if(Ae[o]<<24>>24!=95) { v=21;break } if(Ae[o+1|0]<<24>>24!=95) { v=21;break } if(Ae[o+2|0]<<24
>>24!=85) { v=21;break } for(var b=o+3|0,k=0;;) { var k,b;if(b>>>0>=t>>>0) { v=21;break a } var
u=ge[b],c=u<<24>>24;if((u-48&255&255)<10)var h=c-48|0;else if((u-65&255&255)<6)var h=c-55|0;else { if((u-
97&255&255)>=6)break;var h=c-87|0 } var
h,b=b+1|0,k=(k<<4)+h|0)if(!(u<<24>>24==95&k>>>0<256)) { v=21;break } var d=Me[s>>2],w=0==(0|d);do
if(!w) { var p=Me[i];if(p>>>0>=Me[n>>2]>>>0)break;Se[i]=p+1|0,Ae[d+p|0]=255&k;var E=b;v=25;break
a } while(0);Y(r,k);var E=b;v=25;break } v=21 } while(0);a:do if(21==v) { var A=Me[s>>2],g=0==(0|A);do if(!g) { var

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y=Me[i];if(y>>>0>=Me[n>>2]>>>0)break;var m=Ae[o];Se[i]=y+1|0,Ae[A+y|0]=m;var E=o;break a}while(0);var
S=Ae[o]<<24>>24;Y(r,S);var E=o}while(0);var E,M=E+1|0;if(M>>>0>=t>>>0)break r;var
o=M}while(0)}function $(r,a){var e,i,v,t,f,_,s,n=r>>2,o=Se[a>>2];r:do if(22==(0|o)||25==(0|o)){var
l=Me[n+1],b=0==(0|l);do if(!b){var _(r+8|0)>>2,k=Me[_];if((k+9|0)>>>0>Me[n+3]>>>0)break;for(var
u=l+k|0,c=0|He.__str147,h=u,d=c+9;c<d;c++,h++)Ae[h]=Ae[c];var w=Se[_+9|0];Se[_]=w;break
r}while(0);Q(r,0|He.__str147,9)}else if(23==(0|o)||26==(0|o)){var p=Me[n+1],E=0==(0|p);do if(!E){var
f=(r+8|0)>>2,A=Me[f];if((A+9|0)>>>0>Me[n+3]>>>0)break;for(var
g=p+A|0,c=0|He.__str148,h=g,d=c+9;c<d;c++,h++)Ae[h]=Ae[c];var y=Se[f+9|0];Se[f]=y;break
r}while(0);Q(r,0|He.__str148,9)}else if(24==(0|o)||27==(0|o)){var m=Me[n+1],S=0==(0|m);do if(!S){var
t=(r+8|0)>>2,M=Me[t];if((M+6|0)>>>0>Me[n+3]>>>0)break;var
C=m+M|0;Ae[C]=Ae[0|He.__str149],Ae[C+1]=Ae[(0|He.__str149)+1],Ae[C+2]=Ae[(0|He.__str149)+2],Ae[C+3]=
Ae[(0|He.__str149)+3],Ae[C+4]=Ae[(0|He.__str149)+4],Ae[C+5]=Ae[(0|He.__str149)+5];var
R=Se[t+6|0];Se[t]=R;break r}while(0);Q(r,0|He.__str149,6)}else if(28==(0|o)){var
T=Me[n+1],O=0==(0|T);do if(!O){var
N=r+8|0,I=Me[N>>2];if(I>>>0>=Me[n+3]>>>0){s=17;break}Se[N>>2]=I+1|0,Ae[T+I|0]=32,s=18;break}s=17}wh
ile(0);17==s&&Y(r,32);var P=Se[a+8>>2];H(r,P)}else if(29==(0|o)){if(0!=(4&Se[n|0))break;var
D=Me[n+1],L=0==(0|D);do if(!L){var
F=r+8|0,X=Me[F>>2];if(X>>>0>=Me[n+3]>>>0)break;Se[F>>2]=X+1|0,Ae[D+X|0]=42;break
r}while(0);Y(r,42)}else if(30==(0|o)){var j=Me[n+1],U=0==(0|j);do if(!U){var
x=r+8|0,z=Me[x>>2];if(z>>>0>=Me[n+3]>>>0)break;Se[x>>2]=z+1|0,Ae[j+z|0]=38;break r}while(0);Y(r,38)}else
if(31==(0|o)){var V=Me[n+1],B=0==(0|V);do if(!B){var
v=(r+8|0)>>2,K=Me[v];if((K+8|0)>>>0>Me[n+3]>>>0)break;var
G=V+K|0,W=0|G;oe=1886220131,Ae[W]=255&oe,oe>>=8,Ae[W+1]=255&oe,oe>>=8,Ae[W+2]=255&oe,oe>>=8
,Ae[W+3]=255&oe;var
Z=G+4|0;oe=544761196,Ae[Z]=255&oe,oe>>=8,Ae[Z+1]=255&oe,oe>>=8,Ae[Z+2]=255&oe,oe>>=8,Ae[Z+3]=2
55&oe;var q=Se[v+8|0];Se[v]=q;break r}while(0);Q(r,0|He.__str150,8)}else if(32==(0|o)){var
$=Me[n+1],J=0==(0|$);do if(!J){var i=(r+8|0)>>2,rr=Me[i];if((rr+10|0)>>>0>Me[n+3]>>>0)break;for(var
ar=$+rr|0,c=0|He.__str151,h=ar,d=c+10;c<d;c++,h++)Ae[h]=Ae[c];var er=Se[i+10|0];Se[i]=er;break
r}while(0);Q(r,0|He.__str151,10)}else if(37==(0|o)){var ir=r+4|0,vr=Me[ir>>2],tr=0==(0|vr);do if(!tr){var
fr=r+8|0, _r=Me[fr>>2];if(0!=(0|_r)&&Ae[vr+(_r-
1)|0]<<24>>24==40){s=42;break}if(_r>>>0>=Me[n+3]>>>0){s=41;break}Se[fr>>2]=_r+1|0,Ae[vr+_r|0]=32,s=42;
break}s=41}while(0);41==s&&Y(r,32);var sr=Se[a+4>>2];H(r,sr);var nr=Me[ir>>2],or=0==(0|nr);do if(!or){var
e=(r+8|0)>>2,lr=Me[e];if((lr+3|0)>>>0>Me[n+3]>>>0)break;var
br=nr+lr|0;Ae[br]=Ae[0|He.__str135],Ae[br+1]=Ae[(0|He.__str135)+1],Ae[br+2]=Ae[(0|He.__str135)+2];var
kr=Se[e+3|0];Se[e]=kr;break r}while(0);Q(r,0|He.__str135,3)}else if(3==(0|o)){var ur=Se[a+4>>2];H(r,ur)}else
H(r,a);while(0)}function J(r){var a=r+20|0,e=Se[a>>2];if((0|e)<(0|Se[r+24>>2])){var
i=Se[r+16>>2]+12*e|0,v=e+1|0;Se[a>>2]=v;var t=i}else var t=0;var t;return t}function rr(r,a,e){var
i,v,t,f,_=r>>2,s=e,t=s>>2,n=0;r:for(;;){var n,s,o=0==(0|s);do if(!o){if(0!=(0|Se[t+2]))break;var
l=Se[Se[t+1]>>2];if(29==(0|l)||30==(0|l)){f=9;break
r}if(22==(0|l)||23==(0|l)||24==(0|l)||28==(0|l)||31==(0|l)||32==(0|l)||37==(0|l)){var b=Se[_+1];f=12;break r}var
s=Se[t],t=s>>2,n=1;continue r}while(0);if(0!=(0|Se[a+4>>2])&0==(0|n)){f=9;break}var
k=0,u=r+4|0,v=u>>2;f=22;break}do if(9==f){var c=Se[_+1];if(0==(0|c)){f=17;break}var
h=Se[_+2];if(0==(0|h)){var d=c;f=13;break}var w=Ae[c+(h-
1)|0];if(w<<24>>24==40||w<<24>>24==42){f=18;break}var b=c;f=12;break}while(0);do if(12==f){var
b;if(0==(0|b)){f=17;break}var d=b;f=13;break}while(0);do if(13==f){var
d,p=r+8|0,E=Me[p>>2];if(0!=(0|E)&&Ae[d+(E-
1)|0]<<24>>24==32){f=18;break}if(E>>>0>=Me[_+3]>>>0){f=17;break}Se[p>>2]=E+1|0,Ae[d+E|0]=32,f=18;bre
ak}while(0);do if(17==f){Y(r,32),f=18;break}while(0);r:do if(18==f){var A=r+4|0,g=Me[A>>2],y=0==(0|g);do

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if(!y){ var m=r+8|0,S=Me[m>>2];if(S>>>0>=Me[_+3]>>>0)break;Se[m>>2]=S+1|0,Ae[g+S|0]=40;var
k=1,u=A,v=u>>2;break r }while(0);Y(r,40);var k=1,u=A,v=u>>2 }while(0);var
u,k,i=(r+20|0)>>2,M=Se[i];Se[i]=0,vr(r,e,0);r:do if(k){ var C=Me[v],R=0==(0|C);do if(!R){ var
T=r+8|0,O=Me[T>>2];if(O>>>0>=Me[_+3]>>>0)break;Se[T>>2]=O+1|0,Ae[C+O|0]=41;break
r }while(0);Y(r,41)}while(0);var N=Me[v],I=0==(0|N);do {if(!I){ var
P=r+8|0,D=Me[P>>2];if(D>>>0>=Me[_+3]>>>0){f=30;break }Se[P>>2]=D+1|0,Ae[N+D|0]=40,f=31;break }f=30}
while(0);30==f&&Y(r,40);var L=Se[a+8>>2];0!=(0|L)&&H(r,L);var F=Me[v],X=0==(0|F);do {if(!X){ var
j=r+8|0,U=Me[j>>2];if(U>>>0>=Me[_+3]>>>0){f=36;break }Se[j>>2]=U+1|0,Ae[F+U|0]=41,f=37;break }f=36}wh
ile(0);36==f&&Y(r,41),vr(r,e,1),Se[i]=M }function ar(r,a,e){ var i,v,t,f=r>>2,_=0==(0|e);do {if(!_){ var
s=e,v=s>>2;r:for(;;){ var s;if(0==(0|s)){ var n=1;t=14;break }if(0==(0|Se[v+2])){ var
o=36==(0|Se[Se[v+1]>>2]),l=1&o^1;if(o){ var n=1;t=14;break } var b=r+4|0,k=Me[b>>2],u=0==(0|k);do {if(!u){ var
i=(r+8|0)>>2,c=Me[i];if((c+2|0)>>>0>Me[f+3]>>>0){t=9;break } var
h=k+c|0;oe=10272,Ae[h]=255&oe,oe>>=8,Ae[h+1]=255&oe;var
d=Se[i]+2|0;Se[i]=d,vr(r,e,0),t=10;break }t=9 }while(0);9==t&&(Q(r,0|He.__str140,2),vr(r,e,0));var
w=Me[b>>2],p=0==(0|w);do if(!p){ var
E=r+8|0,A=Me[E>>2];if(A>>>0>=Me[f+3]>>>0)break;Se[E>>2]=A+1|0,Ae[w+A|0]=41;var g=1;t=15;break
r }while(0);Y(r,41);var g=1;t=15;break } var s=Se[v],v=s>>2 }if(14==t){ var n;vr(r,e,0);var g=n } var
g;if(0!=(0|g)){t=17;break } var y=r+4|0;t=21;break }t=17 }while(0);r:do if(17==t){ var
m=r+4|0,S=Me[m>>2],M=0==(0|S);do if(!M){ var
C=r+8|0,R=Me[C>>2];if(R>>>0>=Me[f+3]>>>0)break;Se[C>>2]=R+1|0,Ae[S+R|0]=32;var y=m;break
r }while(0);Y(r,32);var y=m }while(0);var y,T=Me[y>>2],O=0==(0|T);do {if(!O){ var
N=r+8|0,I=Me[N>>2];if(I>>>0>=Me[f+3]>>>0){t=24;break }Se[N>>2]=I+1|0,Ae[T+I|0]=91,t=25;break }t=24 }whil
e(0);24==t&&Y(r,91);var P=Se[a+4>>2];0!=(0|P)&&H(r,P);var D=Me[y>>2],L=0==(0|D);do {if(!L){ var
F=r+8|0,X=Me[F>>2];if(X>>>0>=Me[f+3]>>>0){t=30;break }Se[F>>2]=X+1|0,Ae[D+X|0]=93,t=31;break }t=30 }w
hile(0);30==t&&Y(r,93)}function er(r,a){ var e,i,v,t,f,_,s=Oe;Oe+=8;var
n,o=s,_(a+4|0)>>2,l=Se[_];if(4==(0|Se[l>>2])){ var f=(r+20|0)>>2,b=Se[f];Se[f]=0;var
t=(r+16|0)>>2,k=Se[t],u=0|o;Se[u>>2]=k,Se[t]=o;var c=Se[_];Se[o+4>>2]=c;var h=Se[c+4>>2];H(r,h);var
d=Se[u>>2];Se[t]=d;var v=(r+4|0)>>2,w=Me[v],p=0==(0|w);do {if(!p){ var i=(r+8|0)>>2,E=Me[i],A=0==(0|E);do
if(!A){ if(Ae[w+(E-
1)|0]<<24>>24!=60)break;E>>>0<Me[r+12>>2]>>>0?(Se[i]=E+1|0,Ae[w+E|0]=32):Y(r,32)}while(0);var
g=Me[v];if(0==(0|g)){n=12;break } var
y=Me[i];if(y>>>0>=Me[r+12>>2]>>>0){n=12;break }Se[i]=y+1|0,Ae[g+y|0]=60,n=13;break }n=12 }while(0);12==n
&&Y(r,60);var m=Se[Se[_]+8>>2];H(r,m);var S=Me[v],M=0==(0|S);do {if(!M){ var
e=(r+8|0)>>2,C=Me[e],R=0==(0|C);do if(!R){ if(Ae[S+(C-
1)|0]<<24>>24!=62)break;C>>>0<Me[r+12>>2]>>>0?(Se[e]=C+1|0,Ae[S+C|0]=32):Y(r,32)}while(0);var
T=Me[v];if(0==(0|T)){n=22;break } var
O=Me[e];if(O>>>0>=Me[r+12>>2]>>>0){n=22;break }Se[e]=O+1|0,Ae[T+O|0]=62,n=23;break }n=22 }while(0);22
==n&&Y(r,62),Se[f]=b }else H(r,l);Oe=s }function ir(r,a){ var e,i=40==(0|Se[a>>2]);r:do if(i){ var
v=Me[r+4>>2],t=0==(0|v);do {if(!t){ var
e=(r+8|0)>>2,f=Me[e],_=a+4|0,s=Me[_>>2],n=Me[s+8>>2];if((n+f|0)>>>0>Me[r+12>>2]>>>0){ var
o=s,l=n;break } var b=v+f|0,k=Se[s+4>>2];Pa(b,k,n,1);var u=Se[e]+Se[Se[_>>2]+8>>2]|0;Se[e]=u;break r } var
c=Me[a+4>>2],o=c,l=Se[c+8>>2]}while(0);var l,o,h=Se[o+4>>2];Q(r,h,l)}else H(r,a);while(0)}function
vr(r,a,e){ var i,v,t,f,_,f=(r+4|0)>>2,s=0==(0|e),t=(r+16|0)>>2;r:do if(s)for(var n=a;;){ var n;if(0==(0|n)){_ =29;break
r }if(0==(0|Se[f])){ _ =29;break r } var o=n+8|0,l=0==(0|Se[o>>2]);do if(l){ var b=n+4|0;if((Se[Se[b>>2]>>2]-
25|0)>>>0<3)break;Se[o>>2]=1;var k=Me[t],u=Se[n+12>>2];Se[t]=u;var
c=Me[b>>2],h=Se[c>>2];if(35==(0|h)){ var d=n,w=k,p=c; _ =14;break r }if(36==(0|h)){ var E=n,A=k,g=c; _ =15;break
r }if(2==(0|h)){ var y=k,m=b; _ =16;break r }$(r,c),Se[t]=k }while(0);var n=Se[n>>2]}else for(var S=a;;){ var
S;if(0==(0|S)){ _ =29;break r }if(0==(0|Se[f])){ _ =29;break r } var M=S+8|0;if(0==(0|Se[M>>2])){ Se[M>>2]=1;var

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C=Me[t],R=Se[S+12>>2];Se[t]=R;var T=S+4|0,O=Me[T>>2],N=Se[O>>2];if(35==(0|N)){var
d=S,w=C,p=O;_=14;break r}if(36==(0|N)){var E=S,A=C,g=O;_=15;break r}if(2==(0|N)){var
y=C,m=T;_=16;break r}$(r,O),Se[t]=C}var S=Se[S>>2]}while(0);if(14==_){var
p,w,d,I=Se[d>>2];rr(r,p,I),Se[t]=w}else if(15==_){var g,A,E,P=Se[E>>2];ar(r,g,P),Se[t]=A}else if(16==_){var
m,y,v=(r+20|0)>>2,D=Se[v];Se[v]=0;var L=Se[Se[m>>2]+4>>2];H(r,L),Se[v]=D;var
F=0==(4&Se[r>>2]|0),X=Me[f],j=0!=(0|X);r:do if(F){do if(j){var
i=(r+8|0)>>2,U=Me[i];if((U+2|0)>>>0>Me[r+12>>2]>>>0)break;var
x=X+U|0;oe=14906,Ae[x]=255&oe,oe>>=8,Ae[x+1]=255&oe;var z=Se[i+2|0];Se[i]=z;break
r}while(0);Q(r,0|He.__str120,2)}else{do if(j){var
V=r+8|0,B=Me[V>>2];if(B>>>0>=Me[r+12>>2]>>>0)break;Se[V>>2]=B+1|0,Ae[X+B|0]=46;break
r}while(0);Y(r,46)}while(0);var K=Me[Se[m>>2]+8>>2],G=(Se[K>>2]-25|0)>>>0<3;r:do if(G)for(var W=K;){var
W,Z=Me[W+4>>2];if((Se[Z>>2]-25|0)>>>0>=3){var q=Z;break r}var W=Z}else var q=K;while(0);var
q;H(r,q),Se[t]=y}}function tr(r,a){var e,e=(r+4|0)>>2,i=Se[e],v=0==(0|i);r:do if(!v){for(var
t=Se[r+8>>2]+a|0,f=r+12|0,Se[f>>2],s=i;){var s,;if(t>>>0<=_>>>0)break r;var
n=_<<1,o=fa(s,n);if(0==(0|o))break;Se[e]=o,Se[f>>2]=n;var _=n,s=o}var
l=Se[e];va(l),Se[e]=0,Se[r+24>>2]=1}while(0)}function fr(r,a,e){var i,v=J(r),i=v>>2;return
0!=(0|v)&&(Se[i]=21,Se[i+1]=a,Se[i+2]=e),v}function _r(r){var
a,a=(r+12|0)>>2,e=Se[a],i=Ae[e]<<24>>24;if(88==(0|i)){var v=e+1|0;Se[a]=v;var
t=nr(r),f=Se[a],_=f+1|0;Se[a]=_;var s=Ae[f]<<24>>24==69?t:0,n=s}else if(76==(0|i))var o=or(r),n=o;else var
l=N(r),n=l;var n;return n}function sr(r){var a,a=(r+12|0)>>2,e=Se[a],i=Ae[e];if(i<<24>>24==110){var
v=e+1|0;Se[a]=v;var t=1,f=Ae[v],_=v}else var t=0,f=i,_=e;var _,f,t,s=(f-48&255&255)<10;r:do if(s)for(var
n=f,o=0,l=;){var l,o,n,b=(n<<24>>24)-48+10*o|0,k=l+1|0;Se[a]=k;var u=ge[k];if((u-48&255&255)>=10){var
c=b;break r}var n=u,o=b,l=k}else var c=0;while(0);var c,h=0==(0|t)?c:0|c;return h}function nr(r){var
a,e,a=(r+12|0)>>2,i=Se[a],v=Ae[i];do{if(v<<24>>24==76){var t=or(r),f=t;e=21;break}if(v<<24>>24==84){var
_x(r),f=;e=21;break}if(v<<24>>24==115){if(Ae[i+1|0]<<24>>24!=114){e=8;break}var s=i+2|0;Se[a]=s;var
n=N(r),o=br(r);if(Ae[Se[a]]<<24>>24==73){var l=z(r),b=D(r,4,o,l),k=D(r,1,n,b),f=k;e=21;break}var
u=D(r,1,n,o),f=u;e=21;break}e=8}while(0);r:do if(8==e){var c=kr(r);if(0==(0|c)){var f=0;break}var
h=0|c,d=Se[h>>2],w=40==(0|d);do{if(w){var p=c+4|0,E=r+48|0,A=Se[Se[p>>2]+8>>2]-
2+Se[E>>2]|0;Se[E>>2]=A;var g=Se[h>>2];if(40!=(0|g)){var y=g;e=13;break}var
m=Se[p>>2],S=Se[m>>2],M=Da(S,0|He.__str90);if(0!=(0|M)){var C=m;e=15;break}var
R=N(r),T=D(r,43,c,R),f=T;break r}var y=d;e=13}while(0);do if(13==e){var y;if(40==(0|y)){var
C=Se[c+4>>2];e=15;break}if(41==(0|y)){var O=c+4|0;e=17;break}if(42==(0|y)){e=18;break}var f=0;break
r}while(0);do if(15==e){var C,O=C+12|0;e=17;break}while(0);do if(17==e){var
O,I=Se[O>>2];if(1==(0|I))break;if(2==(0|I)){var P=nr(r),L=nr(r),F=D(r,45,P,L),X=D(r,44,c,F);return
X}if(3==(0|I)){var j=nr(r),U=nr(r),V=nr(r),B=D(r,48,U,V),H=D(r,47,j,B),K=D(r,46,c,H);return K}var f=0;break
r}while(0);var Y=nr(r),G=D(r,43,c,Y);return G}while(0);var f;return f}function or(r){var
a,a=(r+12|0)>>2,e=Se[a],i=e+1|0;Se[a]=i;var v=Ae[e]<<24>>24==76;r:do if(v){if(Ae[i]<<24>>24==95)var
t=T(r,0),f=t;else{var _=N(r);if(0==(0|_)){var s=0;break}var n=33==(0|Se[_>>2]);do if(n){var
o=Se[_+4>>2];if(0==(0|Se[o+16>>2]))break;var l=r+48|0,b=Se[l>>2]-Se[o+4>>2]|0;Se[l>>2]=b}while(0);var
k=Se[a];if(Ae[k]<<24>>24==110){var u=k+1|0;Se[a]=u;var c=50,h=u}else var c=49,h=k;for(var h,c,d=h;){var
d,w=Ae[d];if(w<<24>>24==69)break;if(w<<24>>24==0){var s=0;break r}var p=d+1|0;Se[a]=p;var d=p}var
E=lr(r,h,d-h|0),A=D(r,c,_,E),f=A}var f,g=Se[a],y=g+1|0;Se[a]=y;var m=Ae[g]<<24>>24==69?f:0,s=m}else var
s=0;while(0);var s;return s}function lr(r,a,e){var i=J(r),v=m(i,a,e),t=0==(0|v)?0:i;return t}function br(r){var
a=r+12|0,e=Me[a>>2],i=ge[e],v=(i-48&255&255)<10;do if(v)var t=L(r),f=t;else if((i-97&255&255)<26){var
_ =kr(r);if(0==(0|_)){var f=0;break}if(40!=(0|Se[_>>2])){var f=;break}var
s=r+48|0,n=Se[Se[_+4>>2]+8>>2]+Se[s>>2]+7|0;Se[s>>2]=n;var f=_}else
if(i<<24>>24==67||i<<24>>24==68)var o=hr(r),f=o;else{if(i<<24>>24!=76){var f=0;break}Se[a>>2]=e+1|0;var
l=L(r);if(0==(0|l)){var f=0;break}var b=dr(r),k=0==(0|b)?0:l,f=k}while(0);var f;return f}function kr(r){var

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a,e,a=(r+12|0)>>2,i=Se[a],v=i+1|0;Se[a]=v;var t=ge[i],f=i+2|0;Se[a]=f;var _=ge[v];do{if(t<<24>>24==118){if((_
48&255&255)>=10){var s=49,n=0;e=6;break}var o=(_<<24>>24)-
48|0,l=L(r),b=ur(r,o,l),k=b;e=14;break}if(t<<24>>24==99){if(_<<24>>24!=118){var s=49,n=0;e=6;break}var
u=N(r),c=D(r,42,u,0),k=c;e=14;break}var s=49,n=0;e=6}while(0);r:do if(6==e){for(;;){var n,s,h=(s-
n)/2+n|0,d=(h<<4)+ri|0,w=Se[d>>2],p=Ae[w],E=t<<24>>24==p<<24>>24;if(E&&_<<24>>24==Ae[w+1|0]<<24>
>24)break;var A=t<<24>>24<p<<24>>24;do if(A)var
g=h,y=n;else{if(E&&_<<24>>24<Ae[w+1|0]<<24>>24){var g=h,y=n;break}var g=s,y=h+1|0}while(0);var
y,g;if((0|y)==(0|g)){var k=0;break r}var s=g,n=y}var m=cr(r,d),k=m}while(0);var k;return k}function ur(r,a,e){var
i=J(r),v=S(i,a,e),t=0==(0|v)?0:i;return t}function cr(r,a){var e=J(r);return
0!=(0|e)&&(Se[e>>2]=40,Se[e+4>>2]=a),e}function hr(r){var a,e,i=Se[r+44>>2],e-i>>2,v=0==(0|i);do if(!v){var
t=Se[e];if(0==(0|t)){var f=r+48|0,_=Se[f>>2]+Se[e+2|0];Se[f>>2]=_}else{if(21!=(0|t))break;var
s=r+48|0,n=Se[s>>2]+Se[e+2|0];Se[s>>2]=n} }while(0);var a=(r+12|0)>>2,o=Se[a],l=o+1|0;Se[a]=l;var
b=Ae[o]<<24>>24;do if(67==(0|b)){var k=o+2|0;Se[a]=k;var u=Ae[l]<<24>>24;if(49==(0|u))var c=1;else
if(50==(0|u))var c=2;else{if(51!=(0|u)){var h=0;break}var c=3}var c,d=wr(r,c,i),h=d}else if(68==(0|b)){var
w=o+2|0;Se[a]=w;var p=Ae[l]<<24>>24;if(48==(0|p))var E=1;else if(49==(0|p))var E=2;else{if(50!=(0|p)){var
h=0;break}var E=3}var E,A=pr(r,E,i),h=A}else var h=0;while(0);var h;return h}function dr(r){var
a=r+12|0,e=Se[a>>2];if(Ae[e]<<24>>24==95){var i=e+1|0;Se[a>>2]=i;var v=sr(r),t=v>>>31^1}else var t=1;var
t;return t}function wr(r,a,e){var i=J(r),v=M(i,a,e),t=0==(0|v)?0:i;return t}function pr(r,a,e){var
i=J(r),v=C(i,a,e),t=0==(0|v)?0:i;return t}function Er(r,a){var e=J(r);return
0!=(0|e)&&(Se[e>>2]=5,Se[e+4>>2]=a),e}function Ar(r){var a,a=(r+12|0)>>2,e=Se[a],i=Ae[e]<<24>>24;do
if(78==(0|i))var v=gr(r),t=v;else if(90==(0|i))var f=yr(r),t=f;else if(76==(0|i))var _=br(r),t=_;else
if(83==(0|i)){if(Ae[e+1|0]<<24>>24==116){var s=e+2|0;Se[a]=s;var
n=lr(r,0|He.__str152,3),o=br(r),l=D(r,1,n,o),b=r+48|0,k=Se[b>>2]+3|0;Se[b>>2]=k;var u=0,c=1}else var
h=V(r,0),u=1,c=h;var c,u;if(Ae[Se[a]]<<24>>24!=73){var t=c;break}if(0==(0|u)){var d=R(r,c);if(0==(0|d)){var
t=0;break} }var w=z(r),p=D(r,4,c,w),t=p}else{var E=br(r);if(Ae[Se[a]]<<24>>24!=73){var t=E;break}var
A=R(r,E);if(0==(0|A)){var t=0;break}var g=z(r),y=D(r,4,E,g),t=y}while(0);var t;return t}function gr(r){var
a,e=Oe;Oe+=4;var i=e,a=(r+12|0)>>2,v=Se[a],t=v+1|0;Se[a]=t;var f=Ae[v]<<24>>24==78;do if(f){var
_=I(r,i,1);if(0==(0|_)){var s=0;break}var n=mr(r);if(Se[_>>2]=n,0==(0|n)){var s=0;break}var
o=Se[a],l=o+1|0;if(Se[a]=l,Ae[o]<<24>>24!=69){var s=0;break}var s=Se[i>>2]}else var s=0;while(0);var s;return
Oe=e,s}function yr(r){var a,a=(r+12|0)>>2,e=Se[a],i=e+1|0;Se[a]=i;var v=Ae[e]<<24>>24==90;do if(v){var
t=O(r,0),f=Se[a],_=f+1|0;if(Se[a]=_,Ae[f]<<24>>24!=69){var s=0;break}if(Ae[_]<<24>>24==115){var
n=f+2|0;Se[a]=n;var o=dr(r);if(0==(0|o)){var s=0;break}var l=lr(r,0|He.__str168,14),b=D(r,2,t,l),s=b}else{var
k=Ar(r),u=dr(r);if(0==(0|u)){var s=0;break}var c=D(r,2,t,k),s=c} }else var s=0;while(0);var s;return s}function
mr(r){var a,e=r+12|0,i=0;r:for(;;){var i,v=ge[Se[e>>2]];if(v<<24>>24==0){var t=0;break}var f=(v-
48&255&255)<10|(v-
97&255&255)<26;do{if(!f){if(v<<24>>24==76||v<<24>>24==68||v<<24>>24==67){a=5;break}if(v<<24>>24==8
3){var _=V(r,1),s=_;a=10;break}if(v<<24>>24==73){if(0==(0|i)){var t=0;break r}var
n=z(r),o=4,l=n;a=11;break}if(v<<24>>24==84){var b=x(r),s=b;a=10;break}if(v<<24>>24==69){var t=i;break
r}var t=0;break r}a=5} while(0);do if(5==a){var k=br(r),s=k;a=10;break} while(0);do if(10==a){var
s;if(0==(0|i)){var u=s;a=12;break}var o=1,l=s;a=11;break} while(0);if(11==a)var l,o,c=D(r,o,i,l),u=c;var
u;if(v<<24>>24!=83)if(Ae[Se[e>>2]]<<24>>24!=69){var h=R(r,u);if(0==(0|h)){var t=0;break}var i=u}else var
i=u;else var i=u}var t;return t}function Sr(r,a){var e,i,v=Oe;Oe+=4;var
t=v,i=t>>2,e=(r+12|0)>>2,f=Se[e];if(Ae[f]<<24>>24==74){var _=f+1|0;Se[e]=_;var s=1}else var s=a;var
s;Se[i]=0;var n=s,o=0,l=t;r:for(;;)for(var l,o,n,b=n,k=o;;){var
k,b,u=Ae[Se[e]];if(u<<24>>24==0||u<<24>>24==69){var c=Se[i];if(0==(0|c)){var h=0;break r}var
d=0==(0|Se[c+8>>2]);do if(d){var w=Se[c+4>>2];if(33!=(0|Se[w>>2])){var p=c;break}var
E=Se[w+4>>2];if(9!=(0|Se[E+16>>2])){var p=c;break}var A=r+48|0,g=Se[A>>2]-
Se[E+4>>2]|0;Se[A>>2]=g,Se[i]=0;var p=0}else var p=c;while(0);var p,y=D(r,35,k,p),h=y;break r}var

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m=N(r);if(0==(0|m))){var h=0;break r}if(0==(0|b))){var S=D(r,38,m,0);if(Se[l]>>2]=S,0==(0|S))){var h=0;break r}var
n=0,o=k,l=S+8|0;continue r}var b=0,k=m}var h;return Oe=v,h}function Mr(r){for(var a=r;;){var a;if(0==(0|a)){var
e=0;break}var i=Se[a>>2];if(1!=(0|i)&&2!=(0|i)){if(6==(0|i)||7==(0|i)||42==(0|i)){var e=1;break}var e=0;break}var
a=Se[a+8>>2]}var e;return e}function Cr(r){var
a=r>>2;Se[a+3]=0,Se[a+2]=0,Se[a+1]=0,Se[a]=0,Se[a+4]=0}function Rr(r,a){var
e,e=(r+12|0)>>2,i=Se[e],v=(Se[r+4>>2]-i|0)<(0|a);r:do if(v)var t=0;else{var f=i+a|0;Se[e]=f;var
_=0==(4&Se[r+8>>2]|0);do if(!_){if(Ae[f]<<24>>24!=36)break;var s=a+(i+1)|0;Se[e]=s}while(0);var n=(0|a)>9;do
if(n){var o=La(i,0|He.__str117,8);if(0!=(0|o))break;var
l=Ae[i+8|0];if(1<<24>>24!=46&&1<<24>>24!=95&&1<<24>>24!=36)break;if(Ae[i+9|0]<<24>>24!=78)break;var
b=r+48|0,k=22-a+Se[b>>2]|0;Se[b>>2]=k;var u=lr(r,0|He.__str169,21),t=u;break r}while(0);var
c=lr(r,i,a),t=c}while(0);var t;return t}function Tr(r){var a,e,e=(r+48|0)>>2,i=Se[e],v=i+20|0;Se[e]=v;var
a=(r+12|0)>>2,t=Se[a],f=t+1|0;Se[a]=f;var _=Ae[t];do if(_<<24>>24==84){var s=t+2|0;Se[a]=s;var
n=Ae[f]<<24>>24;if(86==(0|n)){var o=i+15|0;Se[e]=o;var l=N(r),b=D(r,8,1,0),k=b}else if(84==(0|n)){var
u=i+10|0;Se[e]=u;var c=N(r),h=D(r,9,c,0),k=h}else if(73==(0|n))var d=N(r),w=D(r,11,d,0),k=w;else
if(83==(0|n))var p=N(r),E=D(r,12,p,0),k=E;else if(104==(0|n)){var A=Nr(r,104);if(0==(0|A)){var k=0;break}var
g=O(r,0),y=D(r,14,g,0),k=y}else if(118==(0|n)){var m=Nr(r,118);if(0==(0|m)){var k=0;break}var
S=O(r,0),M=D(r,15,S,0),k=M}else if(99==(0|n)){var C=Nr(r,0);if(0==(0|C)){var k=0;break}var
R=Nr(r,0);if(0==(0|R)){var k=0;break}var T=O(r,0),I=D(r,16,T,0),k=I}else if(67==(0|n)){var
P=N(r),L=sr(r);if((0|L)<0){var k=0;break}var F=Se[a],X=F+1|0;if(Se[a]=X,Ae[F]<<24>>24!=95){var
k=0;break}var j=N(r),U=Se[e]+5|0;Se[e]=U;var x=D(r,10,j,P),k=x}else if(70==(0|n))var
z=N(r),V=D(r,13,z,0),k=V;else{if(74!=(0|n)){var k=0;break}var B=N(r),H=D(r,17,B,0),k=H}}else
if(_<<24>>24==71){var K=t+2|0;Se[a]=K;var Y=Ae[f]<<24>>24;if(86==(0|Y))var
G=Ar(r),W=D(r,18,G,0),k=W;else if(82==(0|Y))var Z=Ar(r),Q=D(r,19,Z,0),k=Q;else{if(65!=(0|Y)){var
k=0;break}var q=O(r,0),$=D(r,20,q,0),k=$}}else var k=0;while(0);var k;return k}function Or(r){for(var
a,e,r,a=e>>2;;){var e;if(0==(0|e)){var i=0;break}var v=Se[a];if(4==(0|v)){var
t=Se[a+1],f=Mr(t),i=0==(0|f)&1;break}if(25!=(0|v)&&26!=(0|v)&&27!=(0|v)){var i=0;break}var
e=Se[a+1],a=e>>2}var i;return i}function Nr(r,a){var e;if(0==(0|a)){var
i=r+12|0,v=Se[i>>2],t=v+1|0;Se[i>>2]=t;var f=Ae[v]<<24>>24}else var f=a;var f;do{if(104==(0|f)){var
_=(sr(r),r+12|0);e=7;break}if(118==(0|f)){var
s=(sr(r),r+12|0),n=Se[s>>2],o=n+1|0;if(Se[s>>2]=o,Ae[n]<<24>>24!=95){var l=0;e=8;break}var
_=(sr(r),s);e=7;break}var l=0;e=8}while(0);if(7==e){var _,b=Se[_>>2],k=b+1|0;Se[_>>2]=k;var
l=Ae[b]<<24>>24==95&1}var l;return l}function Ir(r){var a,e,i=r>>2,v=Oe;Oe+=56;var
t,f=v,_=v+8,s=v+16,n=v+36,e=(0|r)>>2,o=Se[e],l=0==(8192&o|0);r:do{if(l){var
a=(r+12|0)>>2,b=Se[a];if(Ae[b]<<24>>24!=63){var k=0;t=111;break}var u=b+1|0;Se[a]=u;var c=Ae[u];do
if(c<<24>>24==63){if(Ae[b+2|0]<<24>>24==36){var h=b+3|0;if(Ae[h]<<24>>24!=63){var
d=5;t=90;break}Se[a]=h;var w=6,p=h}else var w=0,p=u;var p,w,E=p+1|0;Se[a]=E;var A=Ae[E]<<24>>24;do
if(48==(0|A)){var g=1;t=81}else{if(49==(0|A)){var g=2;t=81;break}if(50!=(0|A)){if(51==(0|A)){var
y=0|He.__str2172,m=E;t=82;break}if(52==(0|A)){var y=0|He.__str3173,m=E;t=82;break}if(53==(0|A)){var
y=0|He.__str4174,m=E;t=82;break}if(54==(0|A)){var y=0|He.__str5175,m=E;t=82;break}if(55==(0|A)){var
y=0|He.__str6176,m=E;t=82;break}if(56==(0|A)){var y=0|He.__str7177,m=E;t=82;break}if(57==(0|A)){var
y=0|He.__str8178,m=E;t=82;break}if(65==(0|A)){var
y=0|He.__str9179,m=E;t=82;break}if(66==(0|A)){Se[a]=p+2|0;var
S=0|He.__str10180,M=3;t=88;break}if(67==(0|A)){var y=0|He.__str11181,m=E;t=82;break}if(68==(0|A)){var
y=0|He.__str12182,m=E;t=82;break}if(69==(0|A)){var y=0|He.__str13183,m=E;t=82;break}if(70==(0|A)){var
y=0|He.__str14184,m=E;t=82;break}if(71==(0|A)){var y=0|He.__str15185,m=E;t=82;break}if(72==(0|A)){var
y=0|He.__str16186,m=E;t=82;break}if(73==(0|A)){var y=0|He.__str17187,m=E;t=82;break}if(74==(0|A)){var
y=0|He.__str18188,m=E;t=82;break}if(75==(0|A)){var y=0|He.__str19189,m=E;t=82;break}if(76==(0|A)){var
y=0|He.__str20190,m=E;t=82;break}if(77==(0|A)){var y=0|He.__str21191,m=E;t=82;break}if(78==(0|A)){var

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y=0|He.__str22192,m=E;t=82;break }if(79==(0|A)){ var y=0|He.__str23193,m=E;t=82;break }if(80==(0|A)){ var
y=0|He.__str24194,m=E;t=82;break }if(81==(0|A)){ var y=0|He.__str25195,m=E;t=82;break }if(82==(0|A)){ var
y=0|He.__str26196,m=E;t=82;break }if(83==(0|A)){ var y=0|He.__str27197,m=E;t=82;break }if(84==(0|A)){ var
y=0|He.__str28198,m=E;t=82;break }if(85==(0|A)){ var y=0|He.__str29199,m=E;t=82;break }if(86==(0|A)){ var
y=0|He.__str30200,m=E;t=82;break }if(87==(0|A)){ var y=0|He.__str31201,m=E;t=82;break }if(88==(0|A)){ var
y=0|He.__str32202,m=E;t=82;break }if(89==(0|A)){ var y=0|He.__str33203,m=E;t=82;break }if(90==(0|A)){ var
y=0|He.__str34204,m=E;t=82;break }if(95==(0|A)){ var C=p+2|0;Se[a]=C;var
R=Ae[C]<<24>>24;if(48==(0|R)){ var y=0|He.__str35205,m=C;t=82;break }if(49==(0|R)){ var
y=0|He.__str36206,m=C;t=82;break }if(50==(0|R)){ var y=0|He.__str37207,m=C;t=82;break }if(51==(0|R)){ var
y=0|He.__str38208,m=C;t=82;break }if(52==(0|R)){ var y=0|He.__str39209,m=C;t=82;break }if(53==(0|R)){ var
y=0|He.__str40210,m=C;t=82;break }if(54==(0|R)){ var y=0|He.__str41211,m=C;t=82;break }if(55==(0|R)){ var
y=0|He.__str42212,m=C;t=82;break }if(56==(0|R)){ var y=0|He.__str43213,m=C;t=82;break }if(57==(0|R)){ var
y=0|He.__str44214,m=C;t=82;break }if(65==(0|R)){ var y=0|He.__str45215,m=C;t=82;break }if(66==(0|R)){ var
y=0|He.__str46216,m=C;t=82;break }if(67==(0|R)){ Se[a]=p+3|0;var
T=0|He.__str47217;t=84;break }if(68==(0|R)){ var y=0|He.__str48218,m=C;t=82;break }if(69==(0|R)){ var
y=0|He.__str49219,m=C;t=82;break }if(70==(0|R)){ var y=0|He.__str50220,m=C;t=82;break }if(71==(0|R)){ var
y=0|He.__str51221,m=C;t=82;break }if(72==(0|R)){ var y=0|He.__str52222,m=C;t=82;break }if(73==(0|R)){ var
y=0|He.__str53223,m=C;t=82;break }if(74==(0|R)){ var y=0|He.__str54224,m=C;t=82;break }if(75==(0|R)){ var
y=0|He.__str55225,m=C;t=82;break }if(76==(0|R)){ var y=0|He.__str56226,m=C;t=82;break }if(77==(0|R)){ var
y=0|He.__str57227,m=C;t=82;break }if(78==(0|R)){ var y=0|He.__str58228,m=C;t=82;break }if(79==(0|R)){ var
y=0|He.__str59229,m=C;t=82;break }if(82==(0|R)){ var O=4|0;Se[e]=O;var N=p+3|0;Se[a]=N;var
I=Ae[N]<<24>>24;if(48==(0|I)){ Se[a]=p+4|0;Cr(s);var
P=(Pr(r,_,s,0),Se[_>>2]),D=Se[_+4>>2],L=Dr(r,0|He.__str60230,(ne=Oe,Oe+=8,Se[ne>>2]=P,Se[ne+4>>2]=D,ne)
),F=Se[a]-1|0;Se[a]=F;var y=L,m=F;t=82;break }if(49==(0|I)){ Se[a]=p+4|0;var
X=Lr(r),j=Lr(r),U=Lr(r),x=Lr(r),z=Se[a]-1|0;Se[a]=z;var
V=Dr(r,0|He.__str61231,(ne=Oe,Oe+=16,Se[ne>>2]=X,Se[ne+4>>2]=j,Se[ne+8>>2]=U,Se[ne+12>>2]=x,ne)),y=V
,m=Se[a];t=82;break }if(50==(0|I)){ var y=0|He.__str62232,m=N;t=82;break }if(51==(0|I)){ var
y=0|He.__str63233,m=N;t=82;break }if(52==(0|I)){ var y=0|He.__str64234,m=N;t=82;break }var
y=0,m=N;t=82;break }if(83==(0|R)){ var y=0|He.__str65235,m=C;t=82;break }if(84==(0|R)){ var
y=0|He.__str66236,m=C;t=82;break }if(85==(0|R)){ var y=0|He.__str67237,m=C;t=82;break }if(86==(0|R)){ var
y=0|He.__str68238,m=C;t=82;break }if(88==(0|R)){ var y=0|He.__str69239,m=C;t=82;break }if(89==(0|R)){ var
y=0|He.__str70240,m=C;t=82;break }var k=0;t=111;break r }var k=0;t=111;break r }var
y=0|He.__str1171,m=E;t=82 }while(0);do{ if(81==t){ var g;Se[a]=p+2|0;var B=g;t=83;break }if(82==t){ var
m,y;if(Se[a]=m+1|0,1==(0|w)||2==(0|w)){ var B=w;t=83;break }if(4==(0|w)){ var T=y;t=84;break }if(6!=(0|w)){ var
S=y,M=w;t=88;break }Cr(n);var H=Xr(r,n,0,60,62);if(0==(0|H))var K=y;else var
Y=Dr(r,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=y,Se[ne+4>>2]=H,ne)),K=Y;var K;Se[i+6]=0;var
S=K,M=w;t=88;break } }while(0);if(83==t){ var B,G=r+40|0,W=Fr(r,0|He.__symbol_demangle_dashed_null,-
1,G);if(0==(0|W)){ var k=0;t=111;break r }var d=B;t=90;break }if(84==t){ var T;Se[i+4]=T;var
Z=1,Q=T;t=109;break r }if(88==t){ var M,S,q=r+40|0,$=Fr(r,S,-1,q);if(0==(0|$)){ var k=0;t=111;break r }var
d=M;t=90;break } }else{ if(c<<24>>24==36){ var J=b+2|0;Se[a]=J;var rr=jr(r);Se[i+4]=rr;var
ar=0!=(0|rr)&1;t=107;break }var d=0;t=90 }while(0);if(90==t){ var
d,er=Me[a],ir=Ae[er]<<24>>24;if(64==(0|ir))Se[a]=er+1|0;else if(36==(0|ir))t=93;else{ var
vr=Zr(r);if(0==(0|vr)){ var k=-1;t=111;break } }if(5==(0|d)){ var tr=r+20|0,fr=Se[tr>>2]+1|0;Se[tr>>2]=fr }else
if(1==(0|d)||2==(0|d)){ if(Me[i+11]>>>0<2){ var k=-1;t=111;break }var
_r=r+56|0,sr=Me[_r>>2],nr=Se[sr+4>>2];if(1==(0|d))Se[sr>>2]=nr;else{ var
or=Dr(r,0|He.__str71241,(ne=Oe,Oe+=4,Se[ne>>2]=nr,ne)),lr=Se[_r>>2];Se[lr>>2]=or }var
br=4|Se[e];Se[e]=br }else if(3==(0|d)){ var kr=Se[e]&-5;Se[e]=kr }var ur=ge[Se[a]];if((ur-48&255&255)<10)var
cr=Vr(r),ar=cr;else if((ur-65&255&255)<26)var hr=Br(r,3==(0|d)&1),ar=hr;else{ if(ur<<24>>24!=36){ var k=-

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1;t=111;break}var dr=Hr(r),ar=dr} }var ar;if(0==(0|ar)){var k=-1;t=111;break}var Z=ar,Q=Se[i+4];t=109;break}var
wr=Pr(r,f,0,0);if(0==(0|wr)){var k=-1;t=111;break}var
pr=Se[f>>2],Er=Se[f+4>>2],Ar=Dr(r,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=pr,Se[ne+4>>2]=Er,ne));Se[i+4]=A
r;var Z=1,Q=Ar;t=109;break}while(0);do if(109==t){var Q,Z;if(0!=(0|Q)){var
k=Z;break}Xa(0|He.__str72242,1499,0|He.__func__symbol_demangle,0|He.__str73243);var k=Z}while(0);var
k;return Oe=v,k}function Pr(r,a,e,i){var v,t,f,_=Oe;Oe+=24;var
s=_n=_+4,o=_+8,l=_+16,b=_+20;0==(0|a)&&Xa(0|He.__str72242,829,0|He.__func__demangle_datatype,0|He._
_str121291);var f=(a+4|0)>>2;Se[f]=0;var t=(0|a)>>2;Se[t]=0;var v=(r+12|0)>>2,k=Me[v],u=k+1|0;Se[v]=u;var
c=Ae[k],h=c<<24>>24;do if(95==(0|h)){Se[v]=k+2|0;var d=Ae[u],w=Zr(d);Se[t]=w}else
if(67==(0|h)||68==(0|h)||69==(0|h)||70==(0|h)||71==(0|h)||72==(0|h)||73==(0|h)||74==(0|h)||75==(0|h)||77==(0|h)||78=
=(0|h)||79==(0|h)||88==(0|h)||90==(0|h)){var p=Qr(c);Se[t]=p}else
if(84==(0|h)||85==(0|h)||86==(0|h)||89==(0|h)){var E=qr(r);if(0==(0|E))break;var A=0==(32768&Se[r>>2]|0);do
if(A)if(84==(0|h))var g=0|He.__str122292;else if(85==(0|h))var g=0|He.__str123293;else if(86==(0|h))var
g=0|He.__str124294;else if(89!=(0|h)){var g=0;break}var g=0|He.__str125295}else var g=0;while(0);var
g,y=Dr(r,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=g,Se[ne+4>>2]=E,ne));Se[t]=y}else
if(63==(0|h))if(0==(0|i))$r(a,r,e,63,0);else{var m=Lr(r);if(0==(0|m))break;var
S=Dr(r,0|He.__str126296,(ne=Oe,Oe+=4,Se[ne>>2]=m,ne));Se[t]=S}else if(65==(0|h)||66==(0|h))$r(a,r,e,c,i);else
if(81==(0|h)||82==(0|h)||83==(0|h)){var M=0==(0|i)?80:c;$r(a,r,e,M,i)}else if(80==(0|h))if(((Ae[u]<<24>>24)-
48|0)>>>0<10){var C=k+2|0;if(Se[v]=C,Ae[u]<<24>>24!=54)break;var R=r+44|0,T=Se[R>>2];Se[v]=k+3|0;var
O=Ae[C],N=Se[r>>2]&&-17,I=Ur(O,s,n,N);if(0==(0|I))break;var P=Pr(r,o,e,0);if(0==(0|P))break;var
D=Xr(r,e,1,40,41);if(0==(0|D))break;Se[R>>2]=T;var
L=Se[o>>2],F=Se[o+4>>2],X=Se[s>>2],j=Dr(r,0|He.__str127297,(ne=Oe,Oe+=12,Se[ne>>2]=L,Se[ne+4>>2]=F,S
e[ne+8>>2]=X,ne));Se[t]=j;var U=Dr(r,0|He.__str128298,(ne=Oe,Oe+=4,Se[ne>>2]=D,ne));Se[f]=U}else
$r(a,r,e,80,i);else if(87==(0|h)){if(Ae[u]<<24>>24!=52)break;Se[v]=k+2|0;var
x=qr(r);if(0==(0|x))break;if(0==(32768&Se[r>>2]|0)){var
z=Dr(r,0|He.__str129299,(ne=Oe,Oe+=4,Se[ne>>2]=x,ne));Se[t]=z}else Se[t]=x}else
if(48==(0|h)||49==(0|h)||50==(0|h)||51==(0|h)||52==(0|h)||53==(0|h)||54==(0|h)||55==(0|h)||56==(0|h)||57==(0|h)){var
V=h<<1,B=V-96|0,H=Yr(e,B);Se[t]=H;var K=V-95|0,Y=Yr(e,K);Se[f]=Y}else if(36==(0|h)){var
G=k+2|0;Se[v]=G;var W=Ae[u]<<24>>24;if(48==(0|W)){var Z=Lr(r);Se[t]=Z}else if(68==(0|W)){var
Q=Lr(r);if(0==(0|Q))break;var q=Dr(r,0|He.__str130300,(ne=Oe,Oe+=4,Se[ne>>2]=Q,ne));Se[t]=q}else
if(70==(0|W)){var $=Lr(r);if(0==(0|$))break;var J=Lr(r);if(0==(0|J))break;var
rr=Dr(r,0|He.__str131301,(ne=Oe,Oe+=8,Se[ne>>2]=$,Se[ne+4>>2]=J,ne));Se[t]=rr}else if(71==(0|W)){var
ar=Lr(r);if(0==(0|ar))break;var er=Lr(r);if(0==(0|er))break;var ir=Lr(r);if(0==(0|ir))break;var
vr=Dr(r,0|He.__str132302,(ne=Oe,Oe+=12,Se[ne>>2]=ar,Se[ne+4>>2]=er,Se[ne+8>>2]=ir,ne));Se[t]=vr}else
if(81==(0|W)){var tr=Lr(r);if(0==(0|tr))break;var
fr=Dr(r,0|He.__str133303,(ne=Oe,Oe+=4,Se[ne>>2]=tr,ne));Se[t]=fr}else{if(36!=(0|W))break;if(Ae[G]<<24>>24!=
67)break;Se[v]=k+3|0;var _r=xr(r,l,b);if(0==(0|_r))break;var sr=Pr(r,a,e,i);if(0==(0|sr))break;var
nr=Se[t],or=Se[l>>2],lr=Dr(r,0|He.__str83253,(ne=Oe,Oe+=8,Se[ne>>2]=nr,Se[ne+4>>2]=or,ne));Se[t]=lr} }while(
0);var br=0!=(0|Se[t])&1;return Oe=_br}function Dr(r,a){var e,i=Oe;Oe+=4;var
v=i,e=v>>2,t=v;Se[t>>2]=arguments[Dr.length];var f=1,_=0;r:for(;;){var
_,f,s=Ae[a+_|0];do{if(s<<24>>24==0)break r;if(s<<24>>24==37){var
n=_+1|0,o=Ae[a+n|0]<<24>>24;if(115==(0|o)){var l=Se[e],b=1,k=l+4|0;Se[e]=k;var u=Se[b>>2];if(0==(0|u)){var
c=f,h=n;break}var d=Ca(u),c=d+f|0,h=n;break}if(99==(0|o)){var w=Se[e]+4|0;Se[e]=w;var
c=f+1|0,h=n;break}if(37==(0|o))var p=n;else var p=_;var p,c=f+1|0,h=p}else var c=f+1|0,h=_}while(0);var
h,c=f,c,_=h+1|0}var E=W(r,f);if(0==(0|E))var A=0;else{Se[t>>2]=arguments[Dr.length];var g=E,y=0;r:for(;;){var
y,g,m=Ae[a+y|0];do{if(m<<24>>24==0)break r;if(m<<24>>24==37){var
S=y+1|0,M=Ae[a+S|0]<<24>>24;if(115==(0|M)){var C=Se[e],R=C,T=C+4|0;Se[e]=T;var
O=Se[R>>2];if(0==(0|O)){var N=g,I=S;break}var P=Ca(O);Pa(g,O,P,1);var N=g+P|0,I=S;break}if(99==(0|M)){var

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D=Se[e],L=D,F=D+4|0;Se[e]=F,Ae[g]=255&Se[L]>>2;var N=g+1|0,I=S;break }if(37==(0|M))var X=S;else var
X=y;var X;Ae[g]=37;var N=g+1|0,I=X}else{ Ae[g]=m;var N=g+1|0,I=y } while(0);var
I,N,g=N,y=I+1|0}Ae[g]=0;var A=E}var A;return Oe=i,A}function Lr(r){ var
a,a=(r+12|0)>>2,e=Se[a],i=Ae[e];if(i<<24>>24==63){ var v=e+1|0;Se[a]=v;var t=1,f=v,_=Ae[v]}else var
t=0,f=e,_=i;var _f,t,s(_-48&255&255)<9;do if(s){ var n=Wr(r,3),o=0!=(0|t);o&&(Ae[n]=45);var
l=Ae[Se[a]]+1&255;Ae[n+t|0]=l;var b=o?2:1;\\nAe[n+b|0]=0;var k=Se[a]+1|0;Se[a]=k;var u=n}else
if(_<<24>>24==57){ var c=Wr(r,4),h=0!=(0|t);h&&(Ae[c]=45),Ae[c+t|0]=49;var d=h?2:1;Ae[c+d|0]=48;var
w=h?3:2;Ae[c+w|0]=0;var p=Se[a]+1|0;Se[a]=p;var u=c}else{ if(_-65&255&255)>=16){ var u=0;break }for(var
E=0,A=f;){ var A,E,g=A+1|0;Se[a]=g;var y=(Ae[A]<<24>>24)+(E<<4)-65|0,m=ge[g];if((m-
65&255&255)>=16)break;var E=y,A=g }if(m<<24>>24!=64){ var u=0;break }var
S=Wr(r,17),M=0!=(0|t)?0|He.__str119289:0|ii,C=(za(S,0|He.__str118288,(ne=Oe,Oe+=8,Se[ne>>2]=M,Se[ne+4>>
2]=y,ne)),Se[a]+1|0;Se[a]=C;var u=S }while(0);var u;return u}function Fr(r,a,e,i){ var
v,t,f,_;0==(0|a)&&Xa(0|He.__str72242,212,0|He.__func__str_array_push,0|He.__str115285),0==(0|i)&&Xa(0|He
.__str72242,213,0|He.__func__str_array_push,0|He.__str116286);var
f=(i+12|0)>>2,s=Me[f],n=0==(0|s);do{ if(n){ Se[f]=32;var o=Wr(r,128);if(0==(0|o)){ var
l=0;_=17;break }Se[i+16>>2]=o,_=11;break }if(Me[i+8>>2]>>>0<s>>>0){ _=11;break }var
b=s<<3,k=Wr(r,b);if(0==(0|k)){ var l=0;_=17;break }var u=k,c=i+16|0,h=Se[c>>2],d=Se[f]<<2;Pa(k,h,d,1);var
w=Se[f]<<1;Se[f]=w,Se[c>>2]=u,_=11;break }while(0);do if(11==_) { if((0|e)==-1)var p=Ca(a),E=p;else var E=e;var
E,A=ja(a),g=E+1|0,y=Wr(r,g),t=(i+4|0)>>2,v=(i+16|0)>>2,m=(Se[t]<<2)+Se[v]|0;Se[m>>2]=y;var
S=Se[Se[v]+(Se[t]<<2)>>2];if(0==(0|S)){ Xa(0|He.__str72242,233,0|He.__func__str_array_push,0|He.__str11728
7);var M=Se[Se[v]+(Se[t]<<2)>>2]}else var M=S;var
M;Pa(M,A,E,1),va(A),Ae[Se[Se[v]+(Se[t]<<2)>>2]+g|0]=0;var C=Se[t]+1|0;Se[t]=C;var
R=i+8|0;if(C>>>0<Me[R]>>2)>>>0){ var l=1;break }Se[R>>2]=C;var l=1 }while(0);var l;return l}function
Xr(r,a,e,i,v){ var t,f,_=Oe;Oe+=28;var s,n=_o=_+8;Cr(o);var f=(r+12|0)>>2,l=0==(0|e),t=(0|n)>>2,b=n+4|0;r:do
if(l)for(;;){ var k=Se[f],u=Ae[k];if(u<<24>>24==0){ s=12;break r }if(u<<24>>24==64){ var c=k;s=7;break r }var
h=Pr(r,n,a,1);if(0==(0|h)){ var d=0;s=25;break r }var
w=Se[t],p=Se[b>>2],E=Dr(r,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=w,Se[ne+4>>2]=p,ne)),A=Fr(r,E,-
1,o);if(0==(0|A)){ var d=0;s=25;break r }var g=Se[t],y=Da(g,0|He.__str110280);if(0==(0|y)){ s=12;break r } }else
for(;;){ var m=Se[f],S=Ae[m];if(S<<24>>24==0){ s=12;break r }if(S<<24>>24==64){ var c=m;s=7;break r }var
M=Pr(r,n,a,1);if(0==(0|M)){ var d=0;s=25;break r }var C=Se[t],R=Da(C,0|He.__str84254);if(0==(0|R)){ s=13;break
r }var T=Se[b>>2],O=Dr(r,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=C,Se[ne+4>>2]=T,ne)),N=Fr(r,O,-
1,o);if(0==(0|N)){ var d=0;s=25;break r }var I=Se[t],P=Da(I,0|He.__str110280);if(0==(0|P)){ s=12;break
r } }while(0);do if(7==s){ var c;Se[f]=c+1|0,s=12;break }while(0);do
if(12==s){ if(l){ s=14;break }s=13;break }while(0);do if(13==s){ var
D=Se[f],L=D+1|0;if(Se[f]=L,Ae[D]<<24>>24==90){ s=14;break }var d=0;s=25;break }while(0);r:do if(14==s){ var
F=o+4|0,X=Me[F>>2];do{ if(0!=(0|X)){ if(1==(0|X)){ var
j=o+16|0,U=Se[Se[j>>2]>>2],x=Da(U,0|He.__str84254);if(0==(0|x)){ s=17;break }var z=j;s=20;break }var
V=o+16|0;if(X>>>0<=1){ var z=V;s=20;break }for(var B=0,H=1;){ var
H,B,K=Se[Se[V>>2]+(H<<2)>>2],Y=Dr(r,0|He.__str112282,(ne=Oe,Oe+=8,Se[ne>>2]=B,Se[ne+4>>2]=K,ne)),G
=H+1|0;if(G>>>0>=Me[F>>2]>>>0)break;var B=Y,H=G }if(0==(0|Y)){ var z=V;s=20;break }var
W=Y,Z=Y;s=21;break }s=17 }while(0);if(17==s){ var
Q=i<<24>>24,q=v<<24>>24,$=Dr(r,0|He.__str111281,(ne=Oe,Oe+=8,Se[ne>>2]=Q,Se[ne+4>>2]=q,ne)),d=$;brea
k }if(20==s)var z,W=Se[Se[z>>2]>>2],Z=0;var Z,W,J=v<<24>>24,rr=v<<24>>24==62;do if(rr){ var
ar=Ca(W);if(Ae[W+(ar-1)|0]<<24>>24!=62)break;var
er=i<<24>>24,ir=Se[Se[o+16>>2]>>2],vr=Dr(r,0|He.__str113283,(ne=Oe,Oe+=16,Se[ne>>2]=er,Se[ne+4>>2]=ir,
Se[ne+8>>2]=Z,Se[ne+12>>2]=J,ne)),d=vr;break r }while(0);var
tr=i<<24>>24,fr=Se[Se[o+16>>2]>>2],_r=Dr(r,0|He.__str114284,(ne=Oe,Oe+=16,Se[ne>>2]=tr,Se[ne+4>>2]=fr,S
e[ne+8>>2]=Z,Se[ne+12>>2]=J,ne)),d=_r }while(0);var d;return Oe=_d}function jr(r){ var a,e=Oe;Oe+=20;var

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i=e,v=r+24|0,t=Se[v>>2],a=(r+20|0)>>2,f=Se[a],_=r+44|0,s=Se[_>>2];Se[a]=t;var n=Kr(r);if(0==(0|n))var
o=0;else{Cr(i);var l=Xr(r,i,0,60,62);if(0==(0|l))var b=n;else var
k=Dr(r,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=n,Se[ne+4>>2]=l,ne)),b=k;var
b;Se[v>>2]=t,Se[a]=f,Se[_>>2]=s;var o=b}var o;return Oe=e,o}function Ur(r,a,e,i){var
v,t=a>>2;Se[e>>2]=0,Se[t]=0;var f=0==(18&i|0);do{if(f){var _=r<<24>>24,s=1==((_-
65)%2|0);if(0==(1&i|0)){if(s?Se[e>>2]=0|He.__str95265:v=14,65==(0|_)||66==(0|_)){Se[t]=0|He.__str96266,v=21;
break}if(67==(0|_)||68==(0|_)){Se[t]=0|He.__str97267,v=21;break}if(69==(0|_)||70==(0|_)){Se[t]=0|He.__str98268,
v=21;break}if(71==(0|_)||72==(0|_)){Se[t]=0|He.__str99269,v=21;break}if(73==(0|_)||74==(0|_)){Se[t]=0|He.__str
100270,v=21;break}if(75==(0|_)||76==(0|_)){v=21;break}if(77==(0|_)){Se[t]=0|He.__str101271,v=21;break}var
n=0,v=22;break}if(s?Se[e>>2]=0|He.__str88258:v=5,65==(0|_)||66==(0|_)){Se[t]=0|He.__str89259,v=21;break}if(6
7==(0|_)||68==(0|_)){Se[t]=0|He.__str90260,v=21;break}if(69==(0|_)||70==(0|_)){Se[t]=0|He.__str91261,v=21;brea
k}if(71==(0|_)||72==(0|_)){Se[t]=0|He.__str92262,v=21;break}if(73==(0|_)||74==(0|_)){Se[t]=0|He.__str93263,v=2
1;break}if(75==(0|_)||76==(0|_)){v=21;break}if(77==(0|_)){Se[t]=0|He.__str94264,v=21;break}var
n=0,v=22;break}v=21}while(0);if(21==v)var n=1;var n;return n}function xr(r,a,e){var i;Se[e>>2]=0;var
i=(r+12|0)>>2,v=Se[i];if(Ae[v]<<24>>24==69){Se[e>>2]=0|He.__str102272;var t=Se[i]+1|0;Se[i]=t;var f=t}else
var f=v;var f;Se[i]=f+1|0;var _=Ae[f]<<24>>24;if(65==(0|_)){Se[a>>2]=0;var s=1}else
if(66==(0|_)){Se[a>>2]=0|He.__str103273;var s=1}else if(67==(0|_)){Se[a>>2]=0|He.__str104274;var s=1}else
if(68==(0|_)){Se[a>>2]=0|He.__str105275;var s=1}else var s=0;var s;return s}function zr(r){var
a,e,a=(r+12|0)>>2,i=r+40|0,v=r+20|0,t=0|i,f=r+44|0,_=r+48|0,s=r+52|0,n=r+56|0,o=r+20|0,l=r+24|0,b=r+16|0,k=0;r:
for(;;){var k,u=Se[a],c=Ae[u];if(c<<24>>24==64){var h=u+1|0;Se[a]=h;var d=1;break}var
w=c<<24>>24;do{if(0==(0|w)){var d=0;break
r}if(48==(0|w)||49==(0|w)||50==(0|w)||51==(0|w)||52==(0|w)||53==(0|w)||54==(0|w)||55==(0|w)||56==(0|w)||57==(0|
w)){var p=u+1|0;Se[a]=p;var E=(Ae[u]<<24>>24)-48|0,A=Yr(v,E),g=A,e=14;break}if(63==(0|w)){var
y=u+1|0;Se[a]=y;var m=Ae[y]<<24>>24;if(36==(0|m)){var S=u+2|0;Se[a]=S;var M=jr(r);if(0==(0|M)){var
d=0;break r}var C=Fr(r,M,-1,v);if(0==(0|C)){var d=0;break r}var R=M;e=15;break}if(63==(0|m)){var
T=Se[t>>2],O=Se[f>>2],N=Se[_>>2],I=Se[s>>2],P=Se[n>>2],D=Se[o>>2],L=Se[l>>2];Cr(i);var
F=Ir(r);if(0==(0|F))var X=k;else var
j=Se[b>>2],U=Dr(r,0|He.__str109279,(ne=Oe,Oe+=4,Se[ne>>2]=j,ne)),X=U;var
X;Se[o>>2]=D,Se[l>>2]=L,Se[t>>2]=T,Se[f>>2]=O,Se[_>>2]=N,Se[s>>2]=I,Se[n>>2]=P;var g=X;e=14;break}var
x=Lr(r);if(0==(0|x)){var d=0;break r}var
z=Dr(r,0|He.__str109279,(ne=Oe,Oe+=4,Se[ne>>2]=x,ne)),g=z;e=14;break}var
V=Kr(r),g=V;e=14;break}while(0);if(14==e){var g;if(0==(0|g)){var d=0;break}var R=g}var R,B=Fr(r,R,-
1,i);if(0==(0|B)){var d=0;break}var k=R}var d;return d}function Vr(r){var a,e,i,v=Oe;Oe+=36;var
t,f=v,i=f>>2,_=v+4,s=v+8,e=s>>2,n=v+16;Se[i]=0;var o=0|r,l=Se[o>>2],b=0==(128&l|0),k=r+12|0;do if(b){var
u=Ae[Se[k>>2]]<<24>>24;if(48==(0|u))var c=0|He.__str76246,h=k,a=h>>2;else if(49==(0|u))var
c=0|He.__str77247,h=k,a=h>>2;else{if(50!=(0|u)){var c=0,h=k,a=h>>2;break}var
c=0|He.__str78248,h=k,a=h>>2} else var c=0,h=k,a=h>>2;while(0);var h,c,d=0==(512&l|0);do if(d){if((Ae[Se[a]]-
48&255&255)>=3){var w=0;break}var w=0|He.__str79249} else var w=0;while(0);var
w,p=Gr(r,0),E=Se[a],A=E+1|0;Se[a]=A;var
g=Ae[E]<<24>>24;do{if(48==(0|g)||49==(0|g)||50==(0|g)||51==(0|g)||52==(0|g)||53==(0|g)){var
y=r+44|0,m=Se[y>>2];Cr(n);var S=Pr(r,s,n,0);if(0==(0|S)){var M=0;t=28;break}var C=xr(r,f,_);if(0==(0|C)){var
M=0;t=28;break}var R=Se[i],T=0==(0|R),O=Se[_>>2];do if(T)Se[i]=O;else{if(0==(0|O))break;var
N=Dr(r,0|He.__str83253,(ne=Oe,Oe+=8,Se[ne>>2]=R,Se[ne+4>>2]=O,ne));Se[i]=N}while(0);Se[y>>2]=m,t=22;br
eak}if(54==(0|g)||55==(0|g)){var I=s+4|0;Se[I>>2]=0,Se[e]=0;var P=xr(r,f,_);if(0==(0|P)){var
M=0;t=28;break}if(Ae[Se[a]]<<24>>24==64){t=22;break}var D=qr(r);if(0==(0|D)){var M=0;t=28;break}var
L=Dr(r,0|He.__str107277,(ne=Oe,Oe+=4,Se[ne>>2]=D,ne));Se[I>>2]=L,t=22;break}if(56==(0|g)||57==(0|g)){Se[e
+1]=0,Se[e]=0,Se[i]=0,t=22;break}var M=0;t=28}while(0);if(22==t){var F=0==(4096&Se[o>>2]|0);do{if(F){var
X=Se[e],j=Se[i];if(0==(0|j)){var U=X;t=26;break}var

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x=0!=(0|X)?0|He.__str87257:0,z=0|He.__str87257,V=j,B=x,H=X;t=27;break }Se[i]=0,Se[e+1]=0,Se[e]=0;var
U=0;t=26;break }while(0);if(26==t)var U,K=0!=(0|U)?0|He.__str87257:0,z=K,V=0,B=0,H=U;var
H,B,V,z,Y=Se[e+1],G=Dr(r,0|He.__str108278,(ne=Oe,Oe+=32,Se[ne>>2]=c,Se[ne+4>>2]=w,Se[ne+8>>2]=H,Se[n
e+12>>2]=B,Se[ne+16>>2]=V,Se[ne+20>>2]=z,Se[ne+24>>2]=p,Se[ne+28>>2]=Y,ne));Se[r+16>>2]=G;var
M=1 }var M;return Oe=v,M }function Br(r,a){ var e,i,v,t,f=Oe;Oe+=44;var
_,s=f,t=s>>2,n=f+8,o=f+12,v=o>>2,l=f+16,b=f+20,k=f+40;Se[v]=0;var i=(r+12|0)>>2,u=Se[i],c=u+1|0;Se[i]=c;var
h=ge[u],d=h<<24>>24,w=(h-65&255&255)>25;r:do if(w)var p=0;else{ var
e=(0|r)>>2,E=Me[e],A=0==(128&E|0),g=d-65|0;do if(A){ var y=g/8|0;if(0==(0|y))var m=0|He.__str76246,S=g;else
if(1==(0|y))var m=0|He.__str77247,S=g;else{ if(2!=(0|y)){ var m=0,S=g;break } var m=0|He.__str78248,S=g } else
var m=0,S=g;while(0);var S,m,M=0==(512&E|0)&h<<24>>24<89,C=(0|S)%8;do if(M)if(2==(0|C)||3==(0|C))var
R=m,T=0|He.__str79249;else if(4==(0|C)||5==(0|C))var R=m,T=0|He.__str80250;else{ if(6!=(0|C)&&7!=(0|C)){ var
R=m,T=0;break } var O=Dr(r,0|He.__str81251,(ne=Oe,Oe+=4,Se[ne>>2]=m,ne)),R=O,T=0|He.__str80250 }else var
R=m,T=0;while(0);var T,R,N=Gr(r,0),I=6==(0|C);do{ if(!I){ if(7==((d-56)%8|0)){ _=14;break } var
P=N; _=15;break } _=14 }while(0);if(14==_)var
D=Lr(r),L=Dr(r,0|He.__str82252,(ne=Oe,Oe+=8,Se[ne>>2]=N,Se[ne+4>>2]=D,ne)),P=L;var
P,F=h<<24>>24>88;do if(F)var X=0;else{ if((C-2|0)>>>0<2){ var X=0;break } var j=xr(r,o,k);if(0==(0|j)){ var
p=0;break r } var U=Me[v],x=Se[k>>2];if(0==(0|U)&0==(0|x)){ var X=0;break } var
z=Dr(r,0|He.__str83253,(ne=Oe,Oe+=8,Se[ne>>2]=U,Se[ne+4>>2]=x,ne));Se[v]=z;var X=z }while(0);var
X,V=Se[i],B=V+1|0;Se[i]=B;var H=Ae[V],K=Se[e],Y=Ur(H,n,l,K);if(0==(0|Y)){ var p=0;break }Cr(b);var
G=Se[i];if(Ae[G]<<24>>24==64){ Se[t]=0|He.__str84254,Se[t+1]=0;var W=G+1|0;Se[i]=W }else{ var
Z=Pr(r,s,b,0);if(0==(0|Z)){ var p=0;break } }if(0!=(4&Se[e]|0)&&(Se[t+1]=0,Se[t]=0),0==(0|a))var Q=P;else{ var
q=0,s,$=Se[q>>2],J=s+4|0,rr=Se[J>>2],ar=Dr(r,0|He.__str85255,(ne=Oe,Oe+=12,Se[ne>>2]=P,Se[ne+4>>2]=$,Se[
ne+8>>2]=rr,ne));Se[J>>2]=0,Se[q>>2]=0;var Q=ar } var
Q,er=r+44|0,ir=Se[er>>2],vr=Xr(r,b,1,40,41);if(0==(0|vr)){ var p=0;break }if(0==(4096&Se[e]|0))var
tr=vr,fr=X;else{ Se[v]=0;var tr=0,fr=0 } var fr,tr;Se[er>>2]=ir;var _r=Se[t],sr=Se[t+1];if(0==(0|_r))var nr=0;else var
or=0!=(0|sr)?0|He.__str87257,nr=or;var
nr,lr=Se[n>>2],br=0!=(0|lr)?0|He.__str87257:0,kr=Se[l>>2],ur=Dr(r,0|He.__str86256,(ne=Oe,Oe+=44,Se[ne>>2]=
R,Se[ne+4>>2]=T,Se[ne+8>>2]=_r,Se[ne+12>>2]=nr,Se[ne+16>>2]=lr,Se[ne+20>>2]=br,Se[ne+24>>2]=kr,Se[ne
+28>>2]=Q,Se[ne+32>>2]=tr,Se[ne+36>>2]=fr,Se[ne+40>>2]=sr,ne));Se[r+16>>2]=ur;var p=1 }while(0);var
p;return Oe=f,p }function Hr(r){ var a,a=(r+12|0)>>2,e=Se[a];if(Ae[e]<<24>>24==36)var
i=e;else{ Xa(0|He.__str72242,1252,0|He.__func__handle_template,0|He.__str74244);var i=Se[a] } var
i;Se[a]=i+1|0;var v=Kr(r),t=0==(0|v);do if(t)var f=0;else{ var _=Xr(r,0,0,60,62);if(0==(0|_)){ var f=0;break } var
s=Dr(r,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=v,Se[ne+4>>2]=_,ne));Se[r+16>>2]=s;var f=1 }while(0);var
f;return f }function Kr(r){ for(var a,a=(r+12|0)>>2,e=Me[a],i=e,v=Ae[e];){ var v,i;if(!((v-65&255&255)<26|(v-
97&255&255)<26|(v-48&255&255)<10)&&v<<24>>24!=95&&v<<24>>24!=36){ var t=0;break } var
f=i+1|0;Se[a]=f;var _=ge[f];if(_<<24>>24==64){ Se[a]=i+2|0;var s=f-e|0,n=r+20|0,o=Fr(r,e,s,n);if(0==(0|o)){ var
t=0;break } var l=Se[r+24>>2]-1-Se[n>>2]|0,b=Yr(n,l),t=b;break } var i=f,v=_ } var t;return t }function
Yr(r,a){ 0==(0|r)&&Xa(0|He.__str72242,263,0|He.__func__str_array_get_ref,0|He.__str75245);var
e=Se[r>>2]+a|0;if(e>>>0<Me[r+8>>2]>>>0)var i=Se[Se[r+16>>2]+(e<<2)>>2];else var i=0;var i;return i }function
Gr(r,a){ var e,e=(r+44|0)>>2,i=Me[e];if(i>>>0>a>>>0){ for(var v=r+56|0,t=a,f=0, _=Se[v>>2],s=i;){ var
s,_,f,t,n=Me[_+(t<<2)>>2];if(0==(0|n)){ Xa(0|He.__str72242,680,0|He.__func__get_class_string,0|He.__str10627
6);var o=Se[v>>2],l=o,b=Se[o+(t<<2)>>2],k=Se[e] }else var l=_ ,b=n,k=s;var
k,b,l,u=Ca(b),c=u+(f+2)|0,h=t+1|0;if(h>>>0>k>>>0)break;var t=h,f=c, _=l,s=k } var d=c-1|0 }else var d=-1;var
d,w=Wl(r,d);if(0==(0|w))var p=0;else{ var E=Se[e]-1|0,A=(0|E)<(0|a);r:do if(A)var g=0;else for(var
y=r+56|0,m=0,S=E;){ var S,m,M=Se[Se[y>>2]+(S<<2)>>2],C=Ca(M),R=w+m|0;Pa(R,M,C,1);var
T=C+m|0;if((0|S)>(0|a)){ var O=T+1|0;Ae[w+T|0]=58;var N=T+2|0;Ae[w+O|0]=58;var I=N }else var I=T;var I,P=S-
1|0;if((0|P)<(0|a)){ var g=I;break r } var m=I,S=P }while(0);var g;Ae[w+g|0]=0;var p=w } var p;return p }function
Wr(r,a){ var e,i=a>>>0>1020;do if(i){ var v=Se[r+4>>2],t=a+4|0,f=pe[v](t);if(0==(0|f)){ var _=0;break } var

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s=r+60|0,n=Se[s>>2],o=f;Se[o>>2]=n,Se[s>>2]=f,Se[r+64>>2]=0;var _=f+4|0}else{var
e=(r+64|0)>>2,l=Me[e];if(l>>>0<a>>>0){var b=Se[r+4>>2],k=pe[b](1024);if(0==(0|k)){var _=0;break}var
u=r+60|0,c=Se[u>>2],h=k;Se[h>>2]=c,Se[u>>2]=k,Se[e]=1020;var d=1020,w=k}else var d=l,w=Se[r+60>>2];var
w,d;Se[e]=d-a|0;var _=w+(1024-d)|0}while(0);var _;return _}function Zr(r){var a=r<<24>>24;if(68==(0|a))var
e=0|He.__str157327;else if(69==(0|a))var e=0|He.__str158328;else if(70==(0|a))var e=0|He.__str159329;else
if(71==(0|a))var e=0|He.__str160330;else if(72==(0|a))var e=0|He.__str161331;else if(73==(0|a))var
e=0|He.__str162332;else if(74==(0|a))var e=0|He.__str163333;else if(75==(0|a))var e=0|He.__str164334;else
if(76==(0|a))var e=0|He.__str165335;else if(77==(0|a))var e=0|He.__str166336;else if(78==(0|a))var
e=0|He.__str167337;else if(79==(0|a))var e=0|He.__str168338;else var e=0;var e;return e}function Qr(r){var
a=r<<24>>24;if(67==(0|a))var e=0|He.__str145315;else if(68==(0|a))var e=0|He.__str146316;else if(69==(0|a))var
e=0|He.__str147317;else if(70==(0|a))var e=0|He.__str148318;else if(71==(0|a))var e=0|He.__str149319;else
if(72==(0|a))var e=0|He.__str150320;else if(73==(0|a))var e=0|He.__str151321;else if(74==(0|a))var
e=0|He.__str152322;else if(75==(0|a))var e=0|He.__str153323;else if(76==(0|a))var e=0|He.__str154324;else
if(77==(0|a))var e=0|He.__str155325;else if(78==(0|a))var e=0|He.__str156326;else if(79==(0|a))var
e=0|He.__str157327;else if(80==(0|a))var e=0|He.__str158328;else if(81==(0|a))var e=0|He.__str159329;else
if(82==(0|a))var e=0|He.__str160330;else if(83==(0|a))var e=0|He.__str161331;else if(84==(0|a))var
e=0|He.__str162332;else if(85==(0|a))var e=0|He.__str163333;else if(86==(0|a))var e=0|He.__str164334;else
if(87==(0|a))var e=0|He.__str165335;else if(88==(0|a))var e=0|He.__str166336;else if(89==(0|a))var
e=0|He.__str167337;else if(90==(0|a))var e=0|He.__str168338;else var e=0;var e;return e}function qr(r){var
a=r+44|0,e=Se[a>>2],i=zr(r);if(0==(0|i))var v=0;else var t=Gr(r,e),v=t;var v;return Se[a>>2]=e,v}function
$(r,a,e,i,v){var t,f,_s=Oe;Oe+=16;var n,o=s,_o>>2,l=s+4,b=s+8,f=b>>2;Se[l>>2]=0;ii;var
t=(a+12|0)>>2,k=Se[t];if(Ae[k]<<24>>24==69){Se[l>>2]=0|He.__str134304;var u=k+1|0;Se[t]=u;var
c=0|He.__str134304}else var c=0;ii;var c,h=i<<24>>24;do{if(65==(0|h)){var
d=Dr(a,0|He.__str135305,(ne=Oe,Oe+=4,Se[ne>>2]=c,ne)),w=d;n=10;break}if(66==(0|h)){var
p=Dr(a,0|He.__str136306,(ne=Oe,Oe+=4,Se[ne>>2]=c,ne)),w=p;n=10;break}if(67==(0|h)){var
E=Dr(a,0|He.__str137307,(ne=Oe,Oe+=4,Se[ne>>2]=c,ne)),w=E;n=10;break}if(68==(0|h)){var
A=Dr(a,0|He.__str138308,(ne=Oe,Oe+=4,Se[ne>>2]=c,ne)),w=A;n=10;break}if(69==(0|h)){var
g=Dr(a,0|He.__str139309,(ne=Oe,Oe+=4,Se[ne>>2]=c,ne)),w=g;n=10;break}if(70==(0|h)){var
y=Dr(a,0|He.__str140310,(ne=Oe,Oe+=4,Se[ne>>2]=c,ne)),w=y;n=10;break}if(71==(0|h)){var w=0;ii;n=10}else
n=31}while(0);r:do if(10==n){var w,m=xr(a,o,l);if(0==(0|m))break;var
S=a+44|0,M=Se[S>>2],C=Se[t],R=Ae[C]<<24>>24==89;a:do if(R){var T=C+1|0;Se[t]=T;var
O=Lr(a);if(0==(0|O))break r;var
N=Ha(O),I=Ae[w]<<24>>24==32,P=Se[_],D=0==(0|P);do{if(I){if(!D){n=17;break}var
L=w+1|0;n=18;break}if(D){var L=w;n=18;break}n=17;break}while(0);if(17==n){var
F=Dr(a,0|He.__str141311,(ne=Oe,Oe+=8,Se[ne>>2]=P,Se[ne+4>>2]=w,ne));Se[_]=0;var X=F}else if(18==n)var
L,j=Dr(a,0|He.__str142312,(ne=Oe,Oe+=4,Se[ne>>2]=L,ne)),X=j;var X;if(0==(0|N)){var U=X;break}for(var
x=X,z=N;){var z,x,V=z-
1|0,B=Lr(a),H=Dr(a,0|He.__str143313,(ne=Oe,Oe+=8,Se[ne>>2]=x,Se[ne+4>>2]=B,ne));if(0==(0|V)){var
U=H;break a}var x=H,z=V} }else var U=w;while(0);var U,K=Pr(a,b,e,0);if(0==(0|K))break;var
Y=Se[_];if(0==(0|Y)){var G=0==(0|v);do if(G){if(Ae[U]<<24>>24==0){var W=U;break}var
Z=U+1|0;if(Ae[Z]<<24>>24!=42){var W=U;break}var Q=Se[f],q=Ca(Q);if(Ae[Q+(q-1)|0]<<24>>24!=42){var
W=U;break}var W=Z}else var W=U;while(0);var
W,$=Se[f],J=Dr(a,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=$,Se[ne+4>>2]=W,ne));Se[r>>2]=J}else{var
rr=Se[f],ar=Dr(a,0|He.__str144314,(ne=Oe,Oe+=12,Se[ne>>2]=rr,Se[ne+4>>2]=Y,Se[ne+8>>2]=U,ne));Se[r>>2]=
ar}var er=Se[f+1];Se[r+4>>2]=er,Se[S>>2]=M}while(0);Oe=s}function Jr(r){var
a,e=r>>>0<245;do{if(e){if(r>>>0<11)var i=16;else var i=r+11&-8;var
i,v=i>>>3,t=Me[vi>>2],f=t>>>(v>>>0);if(0!=(3&f|0))){var
_=(1&f^1)+v|0,s=<<1,n=(s<<2)+vi+40|0,o=(s+2<<2)+vi+40|0,l=Me[o>>2],b=l+8|0,k=Me[b>>2];if((0|n)==(0|k))S
e[vi>>2]=t&(1<<_^-1);else{if(k>>>0<Me[vi+16>>2]>>>0)throw Ka(),\\"Reached an
unreachable!\\\\";Se[o>>2]=k,Se[k+12>>2]=n}var u=<<3;Se[l+4>>2]=3|u;var
c=l+(4|u)|0,h=1|Se[c>>2];Se[c>>2]=h;var d=b;a=38;break}if(i>>>0<=Me[vi+8>>2]>>>0){var
w=i;a=30;break}if(0!=(0|f)){var p=2<<<v,E=f<<<v&(p|p),A=(E&-E)-

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1|0,g=A>>>12&16,y=A>>>(g>>>0),m=y>>>5&8,S=y>>>(m>>>0),M=S>>>2&4,C=S>>>(M>>>0),R=C>>>1&2,
T=C>>>(R>>>0),O=T>>>1&1,N=(m|g|M|R|O)+(T>>>(O>>>0))|0,I=N<<1,P=(I<<2)+vi+40|0,D=(I+2<<2)+vi+40|
0,L=Me[D>>>2],F=L+8|0,X=Me[F>>>2];if((0|P)==(0|X))Se[vi>>>2]=t&(1<<N^
1);else{if(X>>>0<Me[vi+16>>>2]>>>0)throw Ka(),\\\\"Reached an
unreachable!\\\\";Se[D>>>2]=X,Se[X+12>>>2]=P}var j=N<<3,U=j-i|0;Se[L+4>>>2]=3|i;var
x=L,z=x+i|0;Se[x+(4|i)>>>2]=1|U,Se[x+j>>>2]=U;var V=Me[vi+8>>>2];if(0!=(0|V)){var
B=Se[vi+20>>>2],H=V>>>2&1073741822,K=(H<<2)+vi+40|0,Y=Me[vi>>>2],G=1<<(V>>>3),W=0==(Y&G|0);do{
if(!W){var Z=(H+2<<2)+vi+40|0,Q=Me[Z>>>2];if(Q>>>0>=Me[vi+16>>>2]>>>0){var q=Q,$=Z;break}throw
Ka(),\\\\"Reached an unreachable!\\\\"}Se[vi>>>2]=Y|G;var q=K,$=(H+2<<2)+vi+40|0}while(0);var
$,q;Se[$>>>2]=B,Se[q+12>>>2]=B;var J=B+8|0;Se[J>>>2]=q;var
rr=B+12|0;Se[rr>>>2]=K}Se[vi+8>>>2]=U,Se[vi+20>>>2]=z;var d=F;a=38;break}if(0==(0|Se[vi+4>>>2])){var
w=i;a=30;break}var ar=r|i;if(0==(0|ar)){var w=i;a=30;break}var d=ar;a=38;break}if(r>>>0>4294967231){var
w=-1;a=30;break}var er=r+11&-8;if(0==(0|Se[vi+4>>>2])){var w=er;a=30;break}var ir=ea(er);if(0==(0|ir)){var
w=er;a=30;break}var d=ir;a=38;break}while(0);if(30==a){var w,vr=Me[vi+8>>>2];if(w>>>0>vr>>>0){var
tr=Me[vi+12>>>2];if(w>>>0<tr>>>0){var fr=tr-w|0;Se[vi+12>>>2]=fr;var
_r=Me[vi+24>>>2],sr=_r;Se[vi+24>>>2]=sr+w|0,Se[w+(sr+4)>>>2]=1|fr,Se[_r+4>>>2]=3|w;var d=_r+8|0}else var
nr=aa(w),d=nr}else{var or=vr-w|0,lr=Me[vi+20>>>2];if(or>>>0>15){var
br=lr;Se[vi+20>>>2]=br+w|0,Se[vi+8>>>2]=or,Se[w+(br+4)>>>2]=1|or,Se[br+vr>>>2]=or,Se[lr+4>>>2]=3|w}else{Se[vi
+8>>>2]=0,Se[vi+20>>>2]=0,Se[lr+4>>>2]=3|vr;var kr=vr+(lr+4)|0,ur=1|Se[kr>>>2];Se[kr>>>2]=ur}var d=lr+8|0}var
d;return d}function ra(r){var a,e,i,v=Se[vi+4>>>2],t=(v&-v)-
1|0,f=t>>>12&16,_t=t>>>(f>>>0),s=_t>>>5&8,n=_t>>>(s>>>0),o=n>>>2&4,l=n>>>(o>>>0),b=l>>>1&2,k=l>>>(b
>>>0),u=k>>>1&1,c=Me[vi+((s|f|o|b|u)+(k>>>(u>>>0))<<2)+304>>>2],h=c,e=h>>>2,d=(Se[c+4>>>2]&-8)-
r|0;r:for(;;)for(var d,h,w=h;){var w,p=Se[w+16>>>2];if(0==(0|p)){var E=Se[w+20>>>2];if(0==(0|E))break r;var
A=E}else var A=p;var A,g=(Se[A+4>>>2]&-8)-r|0;if(g>>>0<d>>>0){var h=A,e=h>>>2,d=g;continue r}var w=A}var
y=h,m=Me[vi+16>>>2],S=y>>>0<m>>>0;do if(!S){var M=y+r|0,C=M;if(y>>>0>=M>>>0)break;var
R=Me[e+6],T=Me[e+3],O=(0|T)==(0|h);do if(O){var N=h+20|0,I=Se[N>>>2];if(0==(0|I)){var
P=h+16|0,D=Se[P>>>2];if(0==(0|D)){var L=0,a=L>>>2;break}var F=P,X=D}else{var F=N,X=I;i=14}for(;;){var
X,F,j=X+20|0,U=Se[j>>>2];if(0==(0|U)){var x=X+16|0,z=Me[x>>>2];if(0==(0|z))break;var F=x,X=z}else var
F=j,X=U}if(F>>>0<m>>>0)throw Ka(),\\\\"Reached an unreachable!\\\\";Se[F>>>2]=0;var L=X,a=L>>>2}else{var
V=Me[e+2];if(V>>>0<m>>>0)throw Ka(),\\\\"Reached an unreachable!\\\\";Se[V+12>>>2]=T,Se[T+8>>>2]=V;var
L=T,a=L>>>2}while(0);var L,B=0==(0|R);r:do if(!B){var
H=h+28|0,K=(Se[H>>>2]<<2)+vi+304|0,Y=(0|h)==(0|Se[K>>>2]);do{if(Y){if(Se[K>>>2]=L,0!=(0|L))break;var
G=Se[vi+4>>>2]&(1<<Se[H>>>2]^1);Se[vi+4>>>2]=G;break r}if(R>>>0<Me[vi+16>>>2]>>>0)throw
Ka(),\\\\"Reached an unreachable!\\\\";var
W=R+16|0;if((0|Se[W>>>2])==(0|h)?Se[W>>>2]=L:Se[R+20>>>2]=L,0==(0|L))break
r}while(0);if(L>>>0<Me[vi+16>>>2]>>>0)throw Ka(),\\\\"Reached an unreachable!\\\\";Se[a+6]=R;var
Z=Me[e+4];if(0!=(0|Z)){if(Z>>>0<Me[vi+16>>>2]>>>0)throw Ka(),\\\\"Reached an
unreachable!\\\\";Se[a+4]=Z,Se[Z+24>>>2]=L}var
Q=Me[e+5];if(0==(0|Q))break;if(Q>>>0<Me[vi+16>>>2]>>>0)throw Ka(),\\\\"Reached an
unreachable!\\\\";Se[a+5]=Q,Se[Q+24>>>2]=L}while(0);if(d>>>0<16){var q=d+r|0;Se[e+1]=3|q;var
$,q=(y+4)|0,J=1|Se[$>>>2];Se[$>>>2]=J}else{Se[e+1]=3|r,Se[r+(y+4)>>>2]=1|d,Se[y+d+r>>>2]=d;var
rr=Me[vi+8>>>2];if(0!=(0|rr)){var
ar=Me[vi+20>>>2],er=rr>>>2&1073741822,ir=(er<<2)+vi+40|0,vr=Me[vi>>>2],tr=1<<(rr>>>3),fr=0==(vr&tr|0);do{
if(!fr){var _r=(er+2<<2)+vi+40|0,sr=Me[_r>>>2];if(sr>>>0>=Me[vi+16>>>2]>>>0){var nr=sr,or=_r;break}throw
Ka(),\\\\"Reached an unreachable!\\\\"}Se[vi>>>2]=vr|tr;var nr=ir,or=(er+2<<2)+vi+40|0}while(0);var
or,nr;Se[or>>>2]=ar,Se[nr+12>>>2]=ar,Se[ar+8>>>2]=nr,Se[ar+12>>>2]=ir}Se[vi+8>>>2]=d,Se[vi+20>>>2]=C}return
h+8|0}while(0);throw Ka(),\\\\"Reached an unreachable!\\\\"}function aa(r){var a,e;0==(0|Se[ti>>>2])&&ba();var
i=0==(4&Se[vi+440>>>2]|0);do{if(i){var v=Se[vi+24>>>2],t=0==(0|v);do{if(!t){var

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f=v,_=ua(f);if(0==(0|_)){e=6;break}var s=Se[ti+8>>2],n=r+47-Se[vi+12>>2]+s&-
s;if(n>>>0>=2147483647){e=14;break}var o=re(n);if((0|o)==(Se[_>>2]+Se[_+4>>2]|0)){var
l=o,b=n,k=o;e=13;break}var u=o,c=n;e=15;break}e=6}while(0);do if(6==e){var h=re(0);if((0|h)==-
1){e=14;break}var d=Se[ti+8>>2],w=d+(r+47)&-d,p=h,E=Se[ti+4>>2],A=E-1|0;if(0==(A&p|0))var g=w;else var
g=w-p+(A+p&-E)|0;var g;if(g>>>0>=2147483647){e=14;break}var y=re(g);if((0|y)==(0|h)){var
l=h,b=g,k=y;e=13;break}var u=y,c=g;e=15;break}while(0);if(13==e){var k,b,l;if((0|l)!=-1){var
m=b,S=l;e=26;break}var u=k,c=b}else if(14==e){var M=4|Se[vi+440>>2];Se[vi+440>>2]=M,e=23;break}var
c,u,C=0|c,R=(0|u)!=-1&c>>>0<2147483647;do {if(R){if(c>>>0>=(r+48|0)>>>0){var T=c;e=21;break}var
O=Se[ti+8>>2],N=r+47-c+O&-O;if(N>>>0>=2147483647){var T=c;e=21;break}var I=re(N);if((0|I)==-
1){re(C);e=22;break}var T=N+c|0;e=21;break}var T=c;e=21}while(0);if(21==e){var T;if((0|T)!=-1){var
m=T,S=u;e=26;break}}var P=4|Se[vi+440>>2];Se[vi+440>>2]=P,e=23;break}e=23}while(0);do if(23==e){var
D=Se[ti+8>>2],L=D+(r+47)&-D;if(L>>>0>=2147483647){e=49;break}var F=re(L),X=re(0);if(!((0|X)!=-
1&(0|F)!=-1&F>>>0<X>>>0)){e=49;break}var j=X-F|0;if(j>>>0<=(r+40|0)>>>0|(0|F)==-1){e=49;break}var
m=j,S=F;e=26;break}while(0);r:do if(26==e){var
S,m,U=Se[vi+432>>2]+m|0;Se[vi+432>>2]=U,U>>>0>Me[vi+436>>2]>>>0&&(Se[vi+436>>2]=U);var
x=Me[vi+24>>2],z=0==(0|x);a:do if(z){var
V=Me[vi+16>>2];0==(0|V)|S>>>0<V>>>0&&(Se[vi+16>>2]=S),Se[vi+444>>2]=S,Se[vi+448>>2]=m,Se[vi+456
>>2]=0;var B=Se[ti>>2];Se[vi+36>>2]=B,Se[vi+32>>2]=-1,ha(),ca(S,m-40|0)}else {for(var
H=vi+444|0,a=H>>2;);} {var H;if(0==(0|H))break;var
K=Me[a],Y=H+4|0,G=Me[Y>>2],W=K+G|0;if((0|S)==(0|W)){if(0!=(8&Se[a+3]|0))break;var
Z=x;if(!(Z>>>0>=K>>>0&Z>>>0<W>>>0))break;Se[Y>>2]=G+m|0;var
Q=Se[vi+24>>2],q=Se[vi+12>>2]+m|0;ca(Q,q);break a}var
H=Se[a+2],a=H>>2}S>>>0<Me[vi+16>>2]>>>0&&(Se[vi+16>>2]=S);for(var $=S+m|0,J=vi+444|0;){var
J;if(0==(0|J))break;var rr=0|J,ar=Me[rr>>2];if((0|ar)==(0|$)){if(0!=(8&Se[J+12>>2]|0))break;Se[rr>>2]=S;var
er=J+4|0,ir=Se[er>>2]+m|0;Se[er>>2]=ir;var vr=da(S,ar,r),tr=vr;e=50;break r}var
J=Se[J+8>>2]}Ma(S,m)}while(0);var fr=Me[vi+12>>2];if(fr>>>0<=r>>>0){e=49;break}var _r=fr-
r|0;Se[vi+12>>2]=_r;var sr=Me[vi+24>>2],nr=sr;Se[vi+24>>2]=nr+r|0,Se[r+(nr+4)>>2]=1|_r,Se[sr+4>>2]=3|r;var
tr=sr+8|0;e=50;break}while(0);if(49==e){var or=Je();Se[or>>2]=12;var tr=0}var tr;return tr}function ea(r){var
a,e,i,v,t,f,_r>>2,s=0|_r,n=r>>>8,o=0==(0|n);do if(o)var l=0;else {if(r>>>0>16777215){var l=31;break}var
b=(n+1048320|0)>>>16&8,k=n<<b,u=(k+520192|0)>>>16&4,c=k<<u,h=(c+245760|0)>>>16&2,d=14-
(u|b|h)+(c<<h>>>15)|0,l=r>>>((d+7|0)>>>0)&1|d<<1}while(0);var l,w=Me[vi+(l<<2)+304>>2],p=0==(0|w);r:do
if(p)var E=0,A=s,g=0;else {if(31==(0|l))var y=0;else var y=25-(l>>>1)|0;for(var
y,m=0,S=s,M=w,t=M>>2,C=r<<y,R=0;){var R,C,M,S,m,T=Se[t+1]&-8,O=T-
r|0;if(O>>>0<S>>>0){if((0|T)==(0|r)){var E=M,A=O,g=M;break r}var N=M,I=O}else var N=m,I=S;var
I,N,P=Me[t+5],D=Me[((C>>>31<<2)+16>>2)+t],L=0==(0|P)|(0|P)==(0|D)?R:P;if(0==(0|D)){var
E=N,A=I,g=L;break r}var m=N,S=I,M=D,t=M>>2,C=C<<1,R=L}}while(0);var g,A,E,F=0==(0|g)&0==(0|E);do
if(F){var X=2<<1,j=Se[vi+4>>2]&(X|X);if(0==(0|j)){var U=g;break}var x=(j&-j)-
1|0,z=x>>>12&16,V=x>>>(z>>>0),B=V>>>5&8,H=V>>>(B>>>0),K=H>>>2&4,Y=H>>>(K>>>0),G=Y>>>1&2
,W=Y>>>(G>>>0),Z=W>>>1&1,U=Se[vi+((B|z|K|G|Z)+(W>>>(Z>>>0))<<2)+304>>2]}else var
U=g;while(0);var U,Q=0==(0|U);r:do if(Q)var q=A,$=E,v=$>>2;else for(var J=U,i=J>>2,rr=A,ar=E;){var
ar,rr,J,er=(Se[i+1]&-8)-r|0,ir=er>>>0<rr>>>0,vr=ir?er:rr,tr=ir?J:ar,fr=Me[i+4];if(0==(0|fr)){var
_r=Me[i+5];if(0==(0|_r)){var q=vr,$=tr,v=$>>2;break r}var J=_r,i=J>>2,rr=vr,ar=tr}else var
J=fr,i=J>>2,rr=vr,ar=tr}while(0);var $,q,sr=0==(0|$);r:do {if(!sr){if(q>>>0>=(Se[vi+8>>2]-r|0)>>>0){var
nr=0;break}var or=$,e=or>>2,lr=Me[vi+16>>2],br=or>>>0<lr>>>0;do if(!br){var
kr=or+r|0,ur=kr;if(or>>>0>=kr>>>0)break;var cr=Me[v+6],hr=Me[v+3],dr=(0|hr)==(0|$);do if(dr){var
wr=$+20|0,pr=Se[wr>>2];if(0==(0|pr)){var Er=$+16|0,Ar=Se[Er>>2];if(0==(0|Ar)){var gr=0,a=gr>>2;break}var
yr=Er,mr=Ar}else {var yr=wr,mr=pr;f=28}for(;;){var mr,yr,Sr=mr+20|0,Mr=Se[Sr>>2];if(0==(0|Mr)){var
Cr=mr+16|0,Rr=Me[Cr>>2];if(0==(0|Rr))break;var yr=Cr,mr=Rr}else var yr=Sr,mr=Mr}if(yr>>>0<lr>>>0)throw

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Ka(),\|"Reached an unreachable!\|";Se[yr>>2]=0;var gr=mr,a=gr>>2} else { var
Tr=Me[v+2];if(Tr>>>0<lr>>>0)throw Ka(),\|"Reached an unreachable!\|";Se[Tr+12>>2]=hr,Se[hr+8>>2]=Tr;var
gr=hr,a=gr>>2} while(0);var gr,Or=0==(0|cr);a:do if(!Or){ var
Nr=$+28|0,Ir=(Se[Nr>>2]<<2)+vi+304|0,Pr=(0|$)==(0|Se[Ir>>2]);do {if(Pr){if(Se[Ir>>2]=gr,0!=(0|gr))break;var
Dr=Se[vi+4>>2]&(1<<Se[Nr>>2]^1);Se[vi+4>>2]=Dr;break a} if(cr>>>0<Me[vi+16>>2]>>>0)throw
Ka(),\|"Reached an unreachable!\|";var
Lr=cr+16|0;if((0|Se[Lr>>2])==(0|$)?Se[Lr>>2]=gr:Se[cr+20>>2]=gr,0==(0|gr))break
a} while(0);if(gr>>>0<Me[vi+16>>2]>>>0)throw Ka(),\|"Reached an unreachable!\|";Se[a+6]=cr;var
Fr=Me[v+4];if(0!=(0|Fr)){if(Fr>>>0<Me[vi+16>>2]>>>0)throw Ka(),\|"Reached an
unreachable!\|";Se[a+4]=Fr,Se[Fr+24>>2]=gr} var
Xr=Me[v+5];if(0==(0|Xr))break;if(Xr>>>0<Me[vi+16>>2]>>>0)throw Ka(),\|"Reached an
unreachable!\|";Se[a+5]=Xr,Se[Xr+24>>2]=gr} while(0);var jr=q>>>0<16;a:do if(jr){ var
Ur=q+r|0;Se[v+1]=3|Ur;var xr=Ur+(or+4)|0,zr=1|Se[xr>>2];Se[xr>>2]=zr} else
if(Se[v+1]=3|r,Se[_+(e+1)]=1|q,Se[(q>>2)+e+]=q,q>>>0<256){ var
Vr=q>>>2&1073741822,Br=(Vr<<2)+vi+40|0,Hr=Me[vi>>2],Kr=1<<(q>>>3),Yr=0==(Hr&Kr|0);do {if(!Yr){ var
Gr=(Vr+2<<2)+vi+40|0,Wr=Me[Gr>>2];if(Wr>>>0==Me[vi+16>>2]>>>0){ var Zr=Wr,Qr=Gr;break} throw
Ka(),\|"Reached an unreachable!\|" } Se[vi>>2]=Hr|Kr;var Zr=Br,Qr=(Vr+2<<2)+vi+40|0} while(0);var
Qr,Zr;Se[Qr>>2]=ur,Se[Zr+12>>2]=ur,Se[_+(e+2)]=Zr,Se[_+(e+3)]=Br} else { var qr=kr,$r=q>>>8,Jr=0==(0|$r);do
if(Jr)var ra=0;else {if(q>>>0>16777215){ var ra=31;break} var
aa=( $r+1048320|0)>>>16&8,ea=$r<<aa,ia=(ea+520192|0)>>>16&4,va=ea<<ia,ta=(va+245760|0)>>>16&2,fa=14-
(ia|aa|ta)+(va<<ta>>>15)|0,ra=q>>>((fa+7|0)>>>0)&1|fa<<1} while(0);var
ra,_a=(ra<<2)+vi+304|0;Se[_+(e+7)]=ra;var sa=r+(or+16)|0;Se[_+(e+5)]=0,Se[sa>>2]=0;var
na=Se[vi+4>>2],oa=1<<ra;if(0==(na&oa|0)){ var
la=na|oa;Se[vi+4>>2]=la,Se[_a>>2]=qr,Se[_+(e+6)]=_a,Se[_+(e+3)]=qr,Se[_+(e+2)]=qr} else {if(31==(0|ra))var
ba=0;else var ba=25-(ra>>>1)|0;for(var ba,ka=q<<ba,ua=Se[_a>>2];;){ var ua,ka;if((Se[ua+4>>2]&-
8|0)==(0|q)){ var ca=ua+8|0,ha=Me[ca>>2],da=Me[vi+16>>2],wa=ua>>>0<da>>>0;do
if(!wa){if(ha>>>0<da>>>0)break;Se[ha+12>>2]=qr,Se[ca>>2]=qr,Se[_+(e+2)]=ha,Se[_+(e+3)]=ua,Se[_+(e+6)]=0;
break a} while(0);throw Ka(),\|"Reached an unreachable!\|" } var
pa=(ka>>>31<<2)+ua+16|0,Ea=Me[pa>>2];if(0==(0|Ea)){if(pa>>>0==Me[vi+16>>2]>>>0){ Se[pa>>2]=qr,Se[_+(
e+6)]=ua,Se[_+(e+3)]=qr,Se[_+(e+2)]=qr;break a} throw Ka(),\|"Reached an unreachable!\|" } var
ka=ka<<1,ua=Ea} } while(0);var nr=$+8|0;break r} while(0);throw Ka(),\|"Reached an unreachable!\|" } var
nr=0} while(0);var nr;return nr} function ia(r){ var a;0==(0|Se[ti>>2])&&ba();var e=r>>>0<4294967232;r:do
if(e){ var i=Me[vi+24>>2];if(0==(0|i)){ var v=0;break} var t=Me[vi+12>>2],f=t>>>0>(r+40|0)>>>0;do if(f){ var
_=Me[ti+8>>2],s=-40-r-1+t+_|0,n=Math.floor((s>>>0)/(<>>>0)),o=(n-
1)*_|0,l=i,b=ua(l);if(0!=(8&Se[b+12>>2]|0))break;var
k=re(0),a=(b+4|0)>>2;if((0|k)!=((Se[b>>2]+Se[a]|0))break;var u=o>>>0>2147483646?-2147483648-_|0:o,c=0|-
u,h=re(c),d=re(0);if(!((0|h)!=-1&d>>>0<k>>>0))break;var w=k-d|0;if((0|k)==(0|d))break;var p=Se[a]-
w|0;Se[a]=p;var E=Se[vi+432>>2]-w|0;Se[vi+432>>2]=E;var A=Se[vi+24>>2],g=Se[vi+12>>2]-w|0;ca(A,g);var
v=(0|k)!=((0|d));break r} while(0);if(Me[vi+12>>2]>>>0<=Me[vi+28>>2]>>>0){ var v=0;break} Se[vi+28>>2]=-1;var
v=0} else var v=0;while(0);var v;return 1&v} function va(r){ var a,e,i,v,t,f,_,s=r>>2,n=0==(0|r);r:do if(!n){ var o=r-
8|0,l=o,b=Me[vi+16>>2],k=o>>>0<b>>>0;a:do if(!k){ var u=Me[r-4>>2],c=3&u;if(1==(0|c))break;var h=u&-
8,f=h>>2,d=r+(h-8)|0,w=d,p=0==(1&u|0);e:do if(p){ var E=Me[o>>2];if(0==(0|c))break r;var A=-8-
E|0,t=A>>2,g=r+A|0,y=g,m=E+h|0;if(g>>>0<b>>>0)break a;if((0|y)==(0|Se[vi+20>>2])){ var v=r+(h-
4)|0)>>2;if(3!=(3&Se[v]|0)){ var S=y,i=S>>2,M=m;break} Se[vi+8>>2]=m;var C=Se[v]&-
2;Se[v]=C,Se[t+(s+1)]=1|m,Se[d>>2]=m;break r} if(E>>>0<256){ var
R=Me[t+(s+2)],T=Me[t+(s+3)];if((0|R)!=((0|T))){ var
O=((E>>>2&1073741822)<<2)+vi+40|0,N=(0|R)!=((0|O)&R>>>0<b>>>0;do
if(!N){if(!((0|T)==(0|O)|T>>>0>=b>>>0))break;Se[R+12>>2]=T,Se[T+8>>2]=R;var S=y,i=S>>2,M=m;break

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e}while(0);throw Ka(),\\\\"Reached an unreachable!\\\\"}var I=Se[vi>>2]&(1<<(E>>>3)^-1);Se[vi>>2]=I;var
S=y,i=S>>2,M=m}else{var P=g,D=Me[t+(s+6)],L=Me[t+(s+3)],F=(0|L)==(0|P);do if(F){var
X=A+(r+20)|0,j=Se[X>>2];if(0==(0|j)){var U=A+(r+16)|0,x=Se[U>>2];if(0==(0|x)){var z=0,e=z>>2;break}var
V=U,B=x}else{var V=X,B=j;_=21}for(;;){var B,V,H=B+20|0,K=Se[H>>2];if(0==(0|K)){var
Y=B+16|0,G=Me[Y>>2];if(0==(0|G))break;var V=Y,B=G}else var V=H,B=K}if(V>>>0<b>>>0)throw
Ka(),\\\\"Reached an unreachable!\\\\";Se[V>>2]=0;var z=B,e=z>>2}else{var
W=Me[t+(s+2)];if(W>>>0<b>>>0)throw Ka(),\\\\"Reached an
unreachable!\\\\";Se[W+12>>2]=L,Se[L+8>>2]=W;var z=L,e=z>>2}while(0);var z;if(0==(0|D)){var
S=y,i=S>>2,M=m;break}var
Z=A+(r+28)|0,Q=(Se[Z>>2]<<2)+vi+304|0,q=(0|P)==(0|Se[Q>>2]);do{if(q){if(Se[Q>>2]=z,0!=(0|z))break;var
$=Se[vi+4>>2]&(1<<Se[Z>>2]^1);Se[vi+4>>2]=$;var S=y,i=S>>2,M=m;break
e}if(D>>>0<Me[vi+16>>2]>>>0)throw Ka(),\\\\"Reached an unreachable!\\\\";var
J=D+16|0;if((0|Se[J>>2])==(0|P)?Se[J>>2]=z:Se[D+20>>2]=z,0==(0|z)){var S=y,i=S>>2,M=m;break
e}}while(0);if(z>>>0<Me[vi+16>>2]>>>0)throw Ka(),\\\\"Reached an unreachable!\\\\";Se[e+6]=D;var
rr=Me[t+(s+4)];if(0!=(0|rr)){if(rr>>>0<Me[vi+16>>2]>>>0)throw Ka(),\\\\"Reached an
unreachable!\\\\";Se[e+4]=rr,Se[rr+24>>2]=z}var ar=Me[t+(s+5)];if(0==(0|ar)){var
S=y,i=S>>2,M=m;break}if(ar>>>0<Me[vi+16>>2]>>>0)throw Ka(),\\\\"Reached an
unreachable!\\\\";Se[e+5]=ar,Se[ar+24>>2]=z;var S=y,i=S>>2,M=m} }else var S=l,i=S>>2,M=h;while(0);var
M,S,er=S;if(er>>>0>=d>>>0)break;var ir=r+(h-4)|0,vr=Me[ir>>2];if(0==(1&vr|0))break;var
tr=0==(2&vr|0);do{if(tr){if((0|w)==(0|Se[vi+24>>2])){var
fr=Se[vi+12>>2]+M|0;Se[vi+12>>2]=fr,Se[vi+24>>2]=S;var
_r=1|fr;if(Se[i+1]=_r,(0|S)==(0|Se[vi+20>>2])&&(Se[vi+20>>2]=0,Se[vi+8>>2]=0),fr>>>0<=Me[vi+28>>2]>>>0)
break r;ia(0);break r}if((0|w)==(0|Se[vi+20>>2])){var sr=Se[vi+8>>2]+M|0;Se[vi+8>>2]=sr,Se[vi+20>>2]=S;var
nr=1|sr;Se[i+1]=nr;var or=er+sr|0;Se[or>>2]=sr;break r}var lr=(vr&-8)+M|0,br=vr>>>3,kr=vr>>>0<256;e:do
if(kr){var ur=Me[s+f],cr=Me[((4|h)>>2)+s];if((0|ur)!=0|cr){var
hr=((vr>>>2&1073741822)<<2)+vi+40|0,dr=(0|ur)==(0|hr);do{if(!dr){if(ur>>>0<Me[vi+16>>2]>>>0){_=66;break
}_=63;break} _=63}while(0);do
if(63==_){if((0|cr)!=0|hr)&&cr>>>0<Me[vi+16>>2]>>>0)break;Se[ur+12>>2]=cr,Se[cr+8>>2]=ur;break
e}while(0);throw Ka(),\\\\"Reached an unreachable!\\\\"}var wr=Se[vi>>2]&(1<<br^-1);Se[vi>>2]=wr}else{var
pr=d,Er=Me[f+(s+4)],Ar=Me[((4|h)>>2)+s],gr=(0|Ar)==(0|pr);do if(gr){var
yr=h+(r+12)|0,mr=Se[yr>>2];if(0==(0|mr)){var Sr=h+(r+8)|0,Mr=Se[Sr>>2];if(0==(0|Mr)){var
Cr=0,a=Cr>>2;break}var Rr=Sr,Tr=Mr}else{var Rr=yr,Tr=mr;_=73}for(;;){var
Tr,Rr,Or=Tr+20|0,Nr=Se[Or>>2];if(0==(0|Nr)){var Ir=Tr+16|0,Pr=Me[Ir>>2];if(0==(0|Pr))break;var
Rr=Ir,Tr=Pr}else var Rr=Or,Tr=Nr}if(Rr>>>0<Me[vi+16>>2]>>>0)throw Ka(),\\\\"Reached an
unreachable!\\\\";Se[Rr>>2]=0;var Cr=Tr,a=Cr>>2}else{var Dr=Me[s+f];if(Dr>>>0<Me[vi+16>>2]>>>0)throw
Ka(),\\\\"Reached an unreachable!\\\\";Se[Dr+12>>2]=Ar,\\\\"nSe[Ar+8>>2]=Dr;var Cr=Ar,a=Cr>>2}while(0);var
Cr;if(0==(0|Er))break;var
Lr=h+(r+20)|0,Fr=(Se[Lr>>2]<<2)+vi+304|0,Xr=(0|pr)==(0|Se[Fr>>2]);do{if(Xr){if(Se[Fr>>2]=Cr,0!=(0|Cr))break
;var jr=Se[vi+4>>2]&(1<<Se[Lr>>2]^1);Se[vi+4>>2]=jr;break e}if(Er>>>0<Me[vi+16>>2]>>>0)throw
Ka(),\\\\"Reached an unreachable!\\\\";var
Ur=Er+16|0;if((0|Se[Ur>>2])==(0|pr)?Se[Ur>>2]=Cr:Se[Er+20>>2]=Cr,0==(0|Cr))break
e}while(0);if(Cr>>>0<Me[vi+16>>2]>>>0)throw Ka(),\\\\"Reached an unreachable!\\\\";Se[a+6]=Er;var
xr=Me[f+(s+2)];if(0!=(0|xr)){if(xr>>>0<Me[vi+16>>2]>>>0)throw Ka(),\\\\"Reached an
unreachable!\\\\";Se[a+4]=xr,Se[xr+24>>2]=Cr}var
zr=Me[f+(s+3)];if(0==(0|zr))break;if(zr>>>0<Me[vi+16>>2]>>>0)throw Ka(),\\\\"Reached an
unreachable!\\\\";Se[a+5]=zr,Se[zr+24>>2]=Cr}while(0);if(Se[i+1]=1|lr,Se[er+lr>>2]=lr,(0|S)!=0|Se[vi+20>>2])){v
ar Vr=lr;break}Se[vi+8>>2]=lr;break r}Se[ir>>2]=vr&-2,Se[i+1]=1|M,Se[er+M>>2]=M;var Vr=M}while(0);var
Vr;if(Vr>>>0<256){var

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Br=Vr>>>2&1073741822,Hr=(Br<<2)+vi+40|0,Kr=Me[vi>>2],Yr=1<<(Vr>>>3),Gr=0==(Kr&Yr|0);do{if(!Gr){va
r Wr=(Br+2<<2)+vi+40|0,Zr=Me[Wr>>2];if(Zr>>>0)=Me[vi+16>>2]>>>0){var Qr=Zr,qr=Wr;break}throw
Ka(),\\\\"Reached an unreachable!\\\\"}Se[vi>>2]=Kr|Yr;var Qr=Hr,qr=(Br+2<<2)+vi+40|0}while(0);var
qr,Qr;Se[qr>>2]=S,Se[Qr+12>>2]=S,Se[i+2]=Qr,Se[i+3]=Hr;break r}var $r=S,Jr=Vr>>>8,ra=0==(0|Jr);do if(ra)var
aa=0;else{if(Vr>>>0>16777215){var aa=31;break}var
ea=(Jr+1048320|0)>>>16&8,va=Jr<<ea,fa=(va+520192|0)>>>16&4,_a=va<<fa,sa=(_a+245760|0)>>>16&2,na=14-
(fa|ea|sa)+(_a<<sa>>>15)|0,aa=Vr>>>(na+7|0)>>>0)&1|na<<1}while(0);var
aa,oa=(aa<<2)+vi+304|0;Se[i+7]=aa,Se[i+5]=0,Se[i+4]=0;var la=Se[vi+4>>2],ba=1<<aa,ka=0==(la&ba|0);e:do
if(ka){var ua=la|ba;Se[vi+4>>2]=ua,Se[oa>>2]=$r,Se[i+6]=oa,Se[i+3]=S,Se[i+2]=S}else{if(31==(0|aa))var
ca=0;else var ca=25-(aa>>>1)|0;for(var ca,ha=Vr<<ca,da=Se[oa>>2];){var da,ha;if((Se[da+4>>2]&-
8|0)==(0|Vr)){var wa=da+8|0,pa=Me[wa>>2],Ea=Me[vi+16>>2],Aa=da>>>0<Ea>>>0;do
if(!Aa){if(pa>>>0<Ea>>>0)break;Se[pa+12>>2]=$r,Se[wa>>2]=$r,Se[i+2]=pa,Se[i+3]=da,Se[i+6]=0;break
e}while(0);throw Ka(),\\\\"Reached an unreachable!\\\\"}var
ga=(ha>>>31<<2)+da+16|0,ya=Me[ga>>2];if(0==(0|ya)){if(ga>>>0)=Me[vi+16>>2]>>>0){Se[ga>>2]=$r,Se[i+6]
=da,Se[i+3]=S,Se[i+2]=S;break e}throw Ka(),\\\\"Reached an unreachable!\\\\"}var ha=ha<<1,da=ya}while(0);var
ma=Se[vi+32>>2]-1|0;if(Se[vi+32>>2]=ma,0!=(0|ma))break r;ta();break r}while(0);throw Ka(),\\\\"Reached an
unreachable!\\\\"}while(0)}function ta(){var r=Se[vi+452>>2],a=0==(0|r);r:do if(!a)for(var e=r;;){var
e,i=Se[e+8>>2];if(0==(0|i))break r;var e=i}while(0);Se[vi+32>>2]=-1}function fa(r,a){if(0==(0|r))var
e=Jr(a),i=e;else var v=la(r,a),i=v;var i;return i}function _a(r,a){var e,i=r>>>0<9;do if(i)var v=Jr(a),t=v;else{var
f=r>>>0<16?16:r,_=0==(f-1&f|0);r:do if(_)var s=f;else{if(f>>>0<=16){var s=16;break}for(var n=16;;){var
n,o=n<<1;if(o>>>0)=f>>>0){var s=o;break r}var n=o}}while(0);var s;if((-64-s|0)>>>0>a>>>0){if(a>>>0<11)var
l=16;else var l=a+11&-8;var l,b=Jr(l+(s+12)|0);if(0==(0|b)){var t=0;break}var k=b-
8|0;if(0==(b>>>0)% (s>>>0)|0))var u=k,c=0;else{var h=b+(s-1)&-s,d=h-8|0,w=k;if((d-w|0)>>>0>15)var p=d;else
var p=h+(s-8)|0;var p,E=p-w|0,e=(b-4|0)>>2,A=Se[e],g=(A&-8)-E|0;if(0==(3&A|0)){var
y=Se[k>>2]+E|0;Se[p>>2]=y,Se[p+4>>2]=g;var u=p,c=0}else{var m=p+4|0,S=g|1&Se[m>>2]|2;Se[m>>2]=S;var
M=g+(p+4)|0,C=1|Se[M>>2];Se[M>>2]=C;var R=E|1&Se[e]|2;Se[e]=R;var T=b+(E-
4)|0,O=1|Se[T>>2];Se[T>>2]=O;var u=p,c=b}}var c,u,N=u+4|0,I=Me[N>>2],P=0==(3&I|0);do if(P)var
D=0;else{var L=I&-8;if(L>>>0<=(l+16|0)>>>0){var D=0;break}var F=L-
l|0;Se[N>>2]=l|1&I|2,Se[u+(4|l)>>2]=3|F;var X=u+(4|L)|0,j=1|Se[X>>2];Se[X>>2]=j;var D=l+(u+8)|0}while(0);var
D;0!=(0|c)&&va(c),0!=(0|D)&&va(D);var t=u+8|0}else{var U=Je();Se[U>>2]=12;var t=0}}while(0);var t;return
t}function sa(r,a,e,i){var v,t;0==(0|Se[ti>>2])&&ba();var f=0==(0|i),_=0==(0|r);do{if(f){if(_){var
s=Jr(0),n=s;t=30;break}var o=r<<2;if(o>>>0<11){var l=0,b=16;t=9;break}var l=0,b=o+11&-8;t=9;break}if(_){var
n=i;t=30;break}var l=i,b=0;t=9;break}while(0);do if(9==t){var b,l,k=0==(1&e|0);r:do if(k){if(_){var
u=0,c=0;break}for(var h=0,d=0;;){var d,h,w=Me[a+(d<<2)>>2];if(w>>>0<11)var p=16;else var p=w+11&-8;var
p,E=p+h|0,A=d+1|0;if((0|A)==(0|r)){var u=0,c=E;break r}var h=E,d=A}else{var g=Me[a>>2];if(g>>>0<11)var
y=16;else var y=g+11&-8;var y,u=y,c=y*r|0}while(0);var c,u,m=Jr(b-4+c|0);if(0==(0|m)){var n=0;break}var S=m-
8|0,M=Se[m-4>>2]&-8;if(0!=(2&e|0)){var C=-4-b+M|0;Fa(m,0,C,1)}if(0==(0|l)){var R=m+c|0,T=M-c|3;Se[m+(c-
4)>>2]=T;var O=R,v=O>>2,N=c}else var O=1,v=O>>2,N=M;var N,O;Se[v]=m;var I=r-1|0,P=0==(0|I);r:do if(P)var
D=S,L=N;else if(0==(0|u))for(var F=S,X=N,j=0;;){var j,X,F,U=Me[a+(j<<2)>>2];if(U>>>0<11)var x=16;else var
x=U+11&-8;var x,z=X-x|0;Se[F+4>>2]=3|x;var
V=F+x|0,B=j+1|0;if(Se[(B<<2)>>2]+v]=x+(F+8)|0,(0|B)==(0|I)){var D=V,L=z;break r}var F=V,X=z,j=B}else
for(var H=3|u,K=u+8|0,Y=S,G=N,W=0;;){var W,G,Y,Z=G-u|0;Se[Y+4>>2]=H;var
Q=Y+u|0,q=W+1|0;if(Se[(q<<2)>>2]+v]=Y+K|0,(0|q)==(0|I)){var D=Q,L=Z;break r}var
Y=Q,G=Z,W=q}while(0);var L,D;Se[D+4>>2]=3|L;var n=O}while(0);var n;return n}function na(r){var
a=r>>2;0==(0|Se[ti>>2])&&ba();var e=Me[vi+24>>2];if(0==(0|e))var i=0,v=0,t=0,f=0,_,s=0,n=0;else{for(var
o=Me[vi+12>>2],l=o+40|0,b=vi+444|0,k=1,u=1,c=1;;){var c,u,k,b,h=Me[b>>2],d=h+8|0;if(0==(7&d|0))var w=0;else
var w=7&-d;for(var w,p=b+4|0,E=h+w|0,A=c,g=u,y=k;;){var
y,g,A,E;if(E>>>0<h>>>0)break;if(E>>>0)=(h+Se[p>>2]|0)>>>0(0|E)==(0|e))break;var

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m=Se[E+4>>2];if(7==(0|m))break;var S=m&-8,M=S+y|0;if(1==(3&m|0))var C=A+1|0,R=S+g|0;else var
C=A,R=g;var R,C,E=E+S|0,A=C,g=R,y=M}var T=Me[b+8>>2];if(0==(0|T))break;var b=T,k=y,u=g,c=A}var
O=Se[vi+432>>2],i=y,v=A,t=o,f=g,_=O-y|0,s=Se[vi+436>>2],n=O-g|0}var
n,s,_f,t,v,i;Se[a]=i,Se[a+1]=v,Se[a+2]=0,Se[a+3]=0,Se[a+4]=_,Se[a+5]=s,Se[a+6]=0,Se[a+7]=n,Se[a+8]=f,Se[a+9]
=t}function oa(){0==(0|Se[ti>>2])&&ba();var r=Me[vi+24>>2],a=0==(0|r);r:do if(a)var e=0,i=0,v=0;else for(var
t=Se[vi+436>>2],f=Me[vi+432>>2],_=vi+444|0,s=f-40-Se[vi+12>>2]|0;){var
s,_n=Me[_>>2],o=n+8|0;if(0==(7&o|0))var l=0;else var l=7&-o;for(var l,b=_+4|0,k=n+l|0,u=s;){var
u,k;if(k>>>0<n>>>0)break;if(k>>>0>=(n+Se[b>>2]|0)>>>0(0|k)==(0|r))break;var
c=Se[k+4>>2];if(7==(0|c))break;var h=c&-8,d=1==(3&c|0)?h:0,w=u-d|0,k=k+h|0,u=w}var
p=Me[_+8>>2];if(0==(0|p)){var e=t,i=f,v=u;break r}var _p,s=u}while(0);var
v,i,e,E=Se[Se[qe>>2]+12>>2],A=(Qa(E,0|He.__str339,(ne=Oe,Oe+=4,Se[ne>>2]=e,ne)),Se[Se[qe>>2]+12>>2]),g=
(Qa(A,0|He.__str1340,(ne=Oe,Oe+=4,Se[ne>>2]=i,ne)),Se[Se[qe>>2]+12>>2]);Qa(g,0|He.__str2341,(ne=Oe,Oe+=
4,Se[ne>>2]=v,ne))}function la(r,a){var e,i,v,t=a>>>0>4294967231;r:do{if(!t){var f=r-8|0,_f,i=(r-
4|0)>>2,s=Me[i],n=s&-8,o=n-8|0,l=r+o|0,b=f>>>0<Me[vi+16>>2]>>>0;do if(!b){var k=3&s;if(!(1!=(0|k)&(0|o)>-
8))break;var e=(r+(n-4)|0)>>2;if(0==(1&Se[e]|0))break;if(a>>>0<11)var u=16;else var u=a+11&-8;var
u,c=0==(0|k);do{if(c){var
h=ka(_u),d=0,w=h;v=17;break}if(n>>>0<u>>>0){if((0|l)!=0(Se[vi+24>>2])){v=21;break}var
p=Se[vi+12>>2]+n|0;if(p>>>0<u>>>0){v=21;break}var E=p-u|0,A=r+(u-8)|0;Se[i]=u|1&s|2;var g=1|E;Se[r+(u-
4)>>2]=g,Se[vi+24>>2]=A,Se[vi+12>>2]=E;var d=0,w=_;v=17;break}var y=n-u|0;if(y>>>0<=15){var
d=0,w=_;v=17;break}Se[i]=u|1&s|2,Se[r+(u-4)>>2]=3|y;var m=1|Se[e];Se[e]=m;var
d=r+u|0,w=_;v=17;break}while(0);do if(17==v){var w,d;if(0==(0|w))break;0!=(0|d)&&va(d);var S=w+8|0;break
r}while(0);var M=Jr(a);if(0==(0|M)){var S=0;break r}var C=0==(3&Se[i]|0)?8:4,R=n-
C|0,T=R>>>0<a>>>0?R:a;Pa(M,r,T,1),va(r);var S=M;break r}while(0);throw Ka(),\\"Reached an
unreachable!\\"}var O=Je();Se[O>>2]=12;var S=0}while(0);var S;return S}function ba(){if(0==(0|Se[ti>>2])){var
r=qa(8);if(0!=(r-1&r|0))throw Ka(),\\"Reached an unreachable!\\";Se[ti+8>>2]=r,Se[ti+4>>2]=r,Se[ti+12>>2]=
-1,Se[ti+16>>2]=2097152,Se[ti+20>>2]=0,Se[vi+440>>2]=0;var a=$a(0);Se[ti>>2]=a&-16^1431655768}}function
ka(r,a){var e=Se[r+4>>2]&-8,i=a>>>0<256;do if(i)var v=0;else{if(e>>>0>=(a+4|0)>>>0&&(e-
a|0)>>>0<=Se[ti+8>>2]<<1>>>0){var v=r;break}var v=0}while(0);var v;return v}function ua(r){for(var
a,e=vi+444|0,a=e>>2;){var e,i=Me[a];if(i>>>0<=r>>>0&&(i+Se[a+1]|0)>>>0>r>>>0){var v=e;break}var
t=Me[a+2];if(0==(0|t)){var v=0;break}var e=t,a=e>>2}var v;return v}function ca(r,a){var
e=r,i=r+8|0;if(0==(7&i|0))var v=0;else var v=7&-i;var v,t=a-
v|0;Se[vi+24>>2]=e+v|0,Se[vi+12>>2]=t,Se[v+(e+4)>>2]=1|t,Se[a+(e+4)>>2]=40;var
f=Se[ti+16>>2];Se[vi+28>>2]=f}function ha(){for(var r=0;){var
r,a=r<<1,e=(a<<2)+vi+40|0;Se[vi+(a+3<<2)+40>>2]=e,Se[vi+(a+2<<2)+40>>2]=e;var
i=r+1|0;if(32==(0|i))break;var r=i}}function da(r,a,e){var i,v,t,f,_=a>>2,s=r>>2,n=r+8|0;if(0==(7&n|0))var o=0;else
var o=7&-n;var o,l=a+8|0;if(0==(7&l|0))var b=0,t=b>>2;else var b=7&-1,t=b>>2;var
b,k=a+b|0,u=k,c=o+e|0,v=c>>2,h=r+c|0,d=h,w=k-(r+o)-e|0;Se[(o+4>>2)+s]=3|e;var
p=(0|u)==(0|Se[vi+24>>2]);r:do if(p){var E=Se[vi+12>>2]+w|0;Se[vi+12>>2]=E,Se[vi+24>>2]=d;var
A=1|E;Se[v+(s+1)]=A}else if((0|u)==(0|Se[vi+20>>2])){var
g=Se[vi+8>>2]+w|0;Se[vi+8>>2]=g,Se[vi+20>>2]=d;var y=1|g;Se[v+(s+1)]=y;var
m=r+g+c|0;Se[m>>2]=g}else{var S=Me[t+(_+1)];if(1==(3&S|0)){var M=S&-8,C=S>>>3,R=S>>>0<256;a:do
if(R){var T=Me[((8|b)>>2)+_],O=Me[t+(_+3)];if((0|T)!=0(0|O)){var
N=((S>>>2&1073741822)<<2)+vi+40|0,I=(0|T)==(0|N);do{if(!I){if(T>>>0<Me[vi+16>>2]>>>0){f=18;break}f=1
5;break}f=15}while(0);do
if(15==f){if((0|O)!=0(0|N)&&O>>>0<Me[vi+16>>2]>>>0)break;Se[T+12>>2]=O,Se[O+8>>2]=T;break
a}while(0);throw Ka(),\\"Reached an unreachable!\\"}var P=Se[vi>>2]&(1<<C^1);Se[vi>>2]=P}else{var
D=k,L=Me[(24|b)>>2)+_],F=Me[t+(_+3)],X=(0|F)==(0|D);do if(X){var
j=16|b,U=j+(a+4)|0,x=Se[U>>2];if(0==(0|x)){var z=a+j|0,V=Se[z>>2];if(0==(0|V)){var B=0,i=B>>2;break}var

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H=z,K=V} else { var H=U,K=x;f=25 } for(;;){ var K,H,Y=K+20|0,G=Se[Y>>2];if(0==(0|G)){ var
W=K+16|0,Z=Me[W>>2];if(0==(0|Z))break;var H=W,K=Z} else var
H=Y,K=G} if(H>>>0<Me[vi+16>>2]>>>0)throw Ka(),\\\\"Reached an unreachable!\\\\";Se[H>>2]=0;var
B=K,i=B>>2} else { var Q=Me[((8|b)>>2)+_];if(Q>>>0<Me[vi+16>>2]>>>0)throw Ka(),\\\\"Reached an
unreachable!\\\\";Se[Q+12>>2]=F,Se[F+8>>2]=Q;var B=F,i=B>>2} while(0);var B;if(0==(0|L))break;var
q=b+(a+28)|0,$=(Se[q>>2]<<2)+vi+304|0,J=(0|D)==(0|Se[$>>2]);do { if(J){ if(Se[$>>2]=B,0!=(0|B))break;var
rr=Se[vi+4>>2]&(1<<Se[q>>2]^1);Se[vi+4>>2]=rr;break a} if(L>>>0<Me[vi+16>>2]>>>0)throw
Ka(),\\\\"Reached an unreachable!\\\\";var
ar=L+16|0;if((0|Se[ar>>2])==(0|D)?Se[ar>>2]=B:Se[L+20>>2]=B,0==(0|B))break
a} while(0);if(B>>>0<Me[vi+16>>2]>>>0)throw Ka(),\\\\"Reached an unreachable!\\\\";Se[i+6]=L;var
er=16|b,ir=Me[(er>>2)+_];if(0!=(0|ir)){ if(ir>>>0<Me[vi+16>>2]>>>0)throw Ka(),\\\\"Reached an
unreachable!\\\\";Se[i+4]=ir,Se[ir+24>>2]=B} var
vr=Me[(er+4>>2)+_];if(0==(0|vr))break;if(vr>>>0<Me[vi+16>>2]>>>0)throw Ka(),\\\\"Reached an
unreachable!\\\\";Se[i+5]=vr,Se[vr+24>>2]=B} while(0);var tr=a+(M|b)|0,fr=M+w|0} else var tr=u,fr=w;var
fr,tr,_r=tr+4|0,sr=Se[_r>>2]&-2;if(Se[_r>>2]=sr,Se[v+(s+1)]=1|fr,Se[(fr>>2)+s+v]=fr,fr>>>0<256){ var
nr=fr>>>2&1073741822,or=(nr<<2)+vi+40|0,lr=Me[vi>>2],br=1<<(fr>>3),kr=0==(lr&br|0);do { if(!kr){ var
ur=(nr+2<<2)+vi+40|0,cr=Me[ur>>2];if(cr>>>0>=Me[vi+16>>2]>>>0){ var hr=cr,dr=ur;break } throw
Ka(),\\\\"Reached an unreachable!\\\\"} Se[vi>>2]=lr|br;var hr=or,dr=(nr+2<<2)+vi+40|0} while(0);var
dr,hr;Se[dr>>2]=d,Se[hr+12>>2]=d,Se[v+(s+2)]=hr,Se[v+(s+3)]=or} else { var wr=h,pr=fr>>>8,Er=0==(0|pr);do
if(Er)var Ar=0;else { if(fr>>>0>16777215){ var Ar=31;break } var
gr=(pr+1048320|0)>>>16&8,yr=pr<<gr,mr=(yr+520192|0)>>>16&4,Sr=yr<<mr,Mr=(Sr+245760|0)>>>16&2,Cr=1
4-(mr|gr|Mr)+(Sr<<Mr>>>15)|0,Ar=fr>>>((Cr+7|0)>>>0)&1|Cr<<1} while(0);var
Ar,Rr=(Ar<<2)+vi+304|0;Se[v+(s+7)]=Ar;var Tr=c+(r+16)|0;Se[v+(s+5)]=0,Se[Tr>>2]=0;var
Or=Se[vi+4>>2],Nr=1<<Ar;if(0==(Or&Nr|0)){ var
Ir=Or|Nr;Se[vi+4>>2]=Ir,Se[Rr>>2]=wr,Se[v+(s+6)]=Rr,Se[v+(s+3)]=wr,Se[v+(s+2)]=wr} else { if(31==(0|Ar))var
Pr=0;else var Pr=25-(Ar>>>1)|0;for(var Pr,Dr=fr<<Pr,Lr=Se[Rr>>2];;){ var Lr,Dr;if((Se[Lr+4>>2]&-
8|0)==(0|fr)){ var Fr=Lr+8|0,Xr=Me[Fr>>2],jr=Me[vi+16>>2],Ur=Lr>>>0<jr>>>0;do
if(!Ur){ if(Xr>>>0<jr>>>0)break;Se[Xr+12>>2]=wr,Se[Fr>>2]=wr,Se[v+(s+2)]=Xr,Se[v+(s+3)]=Lr,Se[v+(s+6)]=0
;break r} while(0);throw Ka(),\\\\"Reached an unreachable!\\\\"} var
xr=(Dr>>>31<<2)+Lr+16|0,zr=Me[xr>>2];if(0==(0|zr)){ if(xr>>>0>=Me[vi+16>>2]>>>0){ Se[xr>>2]=wr,Se[v+(s
+6)]=Lr,Se[v+(s+3)]=wr,Se[v+(s+2)]=wr;break r} throw Ka(),\\\\"Reached an unreachable!\\\\"} var
Dr=Dr<<1,Lr=zr} } } while(0);return r+(8|o)|0} function wa(r){ return 0|He.__str3342} function pa(r){ return
0|He.__str14343} function Ea(r){ Se[r>>2]=si+8|0} function Aa(r){ 0!=(0|r)&&va(r)} function ga(r){ ya(r);var
a=r;Aa(a)} function ya(r){ var a=0|r;Ye(a)} function ma(r){ var a=0|r;Ea(a),Se[r>>2]=ni+8|0} function Sa(r){ var
a=0|r;ya(a);var e=r;Aa(e)} function Ma(r,a){ var
e,i,v=Me[vi+24>>2],i=v>>2,t=v,f=ua(t),_=Se[f>>2],s=Se[f+4>>2],n=_+s|0,o=_+(s-39)|0;if(0==(7&o|0))var
l=0;else var l=7&-o;var l,b=_+(s-47)+l|0,k=b>>>0<(v+16|0)>>>0?t:b,u=k+8|0,e=u>>2,c=u,h=r,d=a-40|0;ca(h,d);var
w=k+4|0;Se[w>>2]=27,Se[e]=Se[vi+444>>2],Se[e+1]=Se[vi+448>>2],Se[e+2]=Se[vi+452>>2],Se[e+3]=Se[vi+45
6>>2],Se[vi+444>>2]=r,Se[vi+448>>2]=a,Se[vi+456>>2]=0,Se[vi+452>>2]=c;var p=k+28|0;Se[p>>2]=7;var
E=(k+32|0)>>>0<n>>>0;r:do if(E)for(var A=p;;){ var A,g=A+4|0;if(Se[g>>2]=7,(A+8|0)>>>0>=n>>>0)break r;var
A=g} while(0);var y=(0|k)==(0|t);r:do if(!y){ var m=k-v|0,S=t+m|0,M=m+(t+4)|0,C=Se[M>>2]&-2;Se[M>>2]=C;var
R=1|m;Se[i+1]=R;var T=S;if(Se[T>>2]=m,m>>>0<256){ var
O=m>>>2&1073741822,N=(O<<2)+vi+40|0,I=Me[vi>>2],P=1<<(m>>>3),D=0==(I&P|0);do { if(!D){ var
L=(O+2<<2)+vi+40|0,F=Me[L>>2];if(F>>>0>=Me[vi+16>>2]>>>0){ var X=F,j=L;break } throw Ka(),\\\\"Reached
an unreachable!\\\\"} var U=I|P;Se[vi>>2]=U;var X=N,j=(O+2<<2)+vi+40|0} while(0);var
j,X;Se[j>>2]=v,Se[X+12>>2]=v,Se[i+2]=X,Se[i+3]=N} else { var x=v,z=m>>>8,V=0==(0|z);do if(V)var
B=0;else { if(m>>>0>16777215){ var B=31;break } var
H=(z+1048320|0)>>>16&8,K=z<<H,Y=(K+520192|0)>>>16&4,G=K<<Y,W=(G+245760|0)>>>16&2,Z=14-

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(Y|H|W)+(G<<W>>>15)|0,B=m>>>((Z+7|0)>>>0)&1|Z<<1 }while(0);var
B,Q=(B<<2)+vi+304|0;Se[i+7]=B,Se[i+5]=0,Se[i+4]=0;var q=Se[vi+4>>2],$,=1<<B;if(0==(q&$|0)){ var
J=q|$,Se[vi+4>>2]=J,Se[Q>>2]=x,Se[i+6]=Q,Se[i+3]=v,Se[i+2]=v} else {if(31==(0|B))var rr=0;else var rr=25-
(B>>>1)|0;for(var rr,ar=m<<rr,er=Se[Q>>2];;){ var er,ar;if((Se[er+4>>2]&-8|0)==(0|m)){ var
ir=er+8|0,vr=Me[ir>>2],tr=Me[vi+16>>2],fr=er>>>0<tr>>>0;do
if(!fr){if(vr>>>0<tr>>>0)break;Se[vr+12>>2]=x,Se[ir>>2]=x,Se[i+2]=vr,Se[i+3]=er,Se[i+6]=0;break
r} while(0);throw Ka(),\\\\"Reached an unreachable!\\\\"} var
_r=(ar>>>31<<2)+er+16|0,sr=Me[_r>>2];if(0==(0|sr)){if(_r>>>0>=Me[vi+16>>2]>>>0){ Se[_r>>2]=x,Se[i+6]=er,
Se[i+3]=v,Se[i+2]=v;break r}throw Ka(),\\\\"Reached an unreachable!\\\\"} var ar=ar<<1,er=sr} } } while(0)}function
Ca(r){return d(r)}function Ra(r,a){ var e=0;do Ae[r+e]=Ae[a+e],e++;while(0!=Ae[a+e-1]);return r}function
Ta(){ var r=Ta;return
r.LLVM_SAVEDSTACKS|(r.LLVM_SAVEDSTACKS=[]),r.LLVM_SAVEDSTACKS.push(le.stackSave()),r.LL
VM_SAVEDSTACKS.length-1 }function Oa(r){ var
a=Ta,e=a.LLVM_SAVEDSTACKS[r];a.LLVM_SAVEDSTACKS.splice(r,1),le.stackRestore(e)}function
Na(r,a,e){ for(var i=0;i<e;){ var v=Ae[r+i],t=Ae[a+i];if(v==t&&0==v)return 0;if(0==v)return -1;if(0==t)return
1;if(v!=t)return v>t?1:-1;i++}return 0}function Ia(r,a){ var e=Ca(r),i=0;do Ae[r+e+i]=Ae[a+i],i++;while(0!=Ae[a+i-
1]);return r}function Pa(r,a,e,i){ if(e>=20&&a%2==r%2)if(a%4==r%4){ for(var
v=a+e;a%4;)Ae[r++]=Ae[a++];for(var
t=a>>2,f=r>>2,_=v>>2;t<_;)Se[f++]=Se[t++];for(a=t<<2,r=f<<2;a<v;)Ae[r++]=Ae[a++]} else { var
v=a+e;a%2&&(Ae[r++]=Ae[a++]);for(var
s=a>>1,n=r>>1,o=v>>1;s<o;)ye[n++]=ye[s++];a=s<<1,r=n<<1,a<v&&(Ae[r++]=Ae[a++])} else for(;e--
;)Ae[r++]=Ae[a++]}function Da(r,a){ return Na(r,a,le)}function La(r,a,e){ for(var i=0;i<e;i++) { var
v=Ae[r+i],t=Ae[a+i];if(v!=t)return v>t?1:-1}return 0}function Fa(r,a,e,i){ if(e>=20){ for(var
v=r+e;r%4;)Ae[r++]=a;a<0&&(a+=256);for(var
t=r>>2,f=v>>2,_=a|a<<8|a<<16|a<<24;t<f;)Se[t++]=_ ;for(r=t<<2;r<v;)Ae[r++]=a} else for(;e--
;)Ae[r++]=a}function Xa(r,a,e,i){ throw\\\\"Assertion failed: \\\\"+s(i)+\\\\" , at: \\\\"+[s(r),a,s(e)]}function ja(r){ var
a=d(r),e=Jr(a+1);return Pa(e,r,a,1),Ae[e+a]=0,e}function Ua(r,a){ function e(r){ var
e;return\\\\"double\\\\"==r?(xe[0]=Se[a+_>>2],xe[1]=Se[a+_+4>>2],e=ze[0]):\\\\"i64\\\\"==r?e=[Se[a+_>>2],Se[a+_+
4>>2]]:(r=\\\\"i32\\\\" ,e=Se[a+_>>2]),_+=le.getNativeFieldSize(r),e}for(var i,v,t,f=r,_=0,s=[];){ var
n=f;if(i=Ae[f],0==i)break;if(v=Ae[f+1],i==\\\\"%\\\\".charCodeAt(0)){ var
o=!1,l=!1,b=!1,k=!1;r:for(;;){ switch(v){ case\\\\"+\\\\".charCodeAt(0):o=!0;break;case\\\\"-
\\\\".charCodeAt(0):l=!0;break;case\\\\"#\\\\".charCodeAt(0):b=!0;break;case\\\\"0\\\\".charCodeAt(0):if(k)break
r;k=!0;break;default:break r} f++,v=Ae[f+1]} var
u=0;if(v==\\\\"*\\\\".charCodeAt(0))u=e(\\\\"i32\\\\"),f++,v=Ae[f+1];else
for(;v>=\\\\"0\\\\".charCodeAt(0)&&v<=\\\\"9\\\\".charCodeAt(0);)u=10*u+(v-
\\\\"0\\\\".charCodeAt(0)),f++,v=Ae[f+1];var c=1;if(v==\\\\".\\\\".charCodeAt(0)){ var
h=0;if(c=!0,f++,v=Ae[f+1],v==\\\\"*\\\\".charCodeAt(0))h=e(\\\\"i32\\\\"),f++;else for(;;){ var
d=Ae[f+1];if(d<\\\\"0\\\\".charCodeAt(0)||d>\\\\"9\\\\".charCodeAt(0))break;h=10*h+(d-
\\\\"0\\\\".charCodeAt(0)),f++}v=Ae[f+1]} else var h=6;var E;switch(String.fromCharCode(v)){ case\\\\"h\\\\" :var
A=Ae[f+2];A==\\\\"h\\\\".charCodeAt(0)?(f++,E=1):E=2;break;case\\\\"I\\\\" :var
A=Ae[f+2];A==\\\\"I\\\\".charCodeAt(0)?(f++,E=8):E=4;break;case\\\\"L\\\\" :case\\\\"q\\\\" :case\\\\"j\\\\" :E=8;break;case\\\\"
z\\\\" :case\\\\"t\\\\" :case\\\\"T\\\\" :E=4;break;default:E=null} if(E&&f++,v=Ae[f+1],[\\\\"d\\\\" ,\\\\"i\\\\" ,\\\\"u\\\\" ,\\\\"o\\\\" ,\\\\"
x\\\\" ,\\\\"X\\\\" ,\\\\"p\\\\" ].indexOf(String.fromCharCode(v))!=-1){ var
m=v==\\\\"d\\\\".charCodeAt(0)||v==\\\\"i\\\\".charCodeAt(0);E=E|4;var
t=e(\\\\"i\\\\"+8*E);if(8==E&&(t=le.makeBigInt(t[0],t[1],v==\\\\"u\\\\".charCodeAt(0))),E<=4){ var
S=Math.pow(256,E)-1;t=(m?y:g)(t&S,8*E)} var
M,C=Math.abs(t),R=\\\\"\\\\";if(v==\\\\"d\\\\".charCodeAt(0)||v==\\\\"i\\\\".charCodeAt(0))M=y(t,8*E,1).toString(10);els
e if(v==\\\\"u\\\\".charCodeAt(0))M=g(t,8*E,1).toString(10),t=Math.abs(t);else

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if(v==||"o||".charCodeAt(0))M=(b?||"0||":||"||")+C.toString(8);else
if(v==||"x||".charCodeAt(0)||v==||"X||".charCodeAt(0)){if(R=b?||"0x||":||"||",t<0){t=-t,M=(C-
1).toString(16);for(var T=[],O=0;O<M.length;O++)T.push((15-
parseInt(M[O],16)).toString(16));for(M=T.join(||"||");M.length<2*E;)M=||"f||"+M}else
M=C.toString(16);v==||"X||".charCodeAt(0)&&(R=R.toUpperCase(),M=M.toUpperCase())}else
v==||"p||".charCodeAt(0)&&(0===C?M=||"(nil)||":(R=||"0x||",M=C.toString(16)));if(c)for(;M.length<h;)M=||
"0||"+M;for(o&&(R=t<0?||"-||"+R:||"+||"+R);R.length+M.length<u;)!M+=||" ||":k?M=||"0||"+M:R=||
||"+R;M=R+M,M.split(||"||").forEach(function(r){s.push(r.charCodeAt(0))})}else
if(!||"f||",||"F||",||"e||",||"E||",||"g||",||"G||".indexOf(String.fromCharCode(v))!=-1){var
M,t=e(||"double||");if(isNaN(t))M=||"nan||",k=!1;else if(isFinite(t)){var
N=!1,I=Math.min(h,20);if(v==||"g||".charCodeAt(0)||v==||"G||".charCodeAt(0)){N=!0,h=h||1;var
P=parseInt(t.toExponential(I).split(||"e||")[1],10);h>P&&P>=-
4?(v=(v==||"g||".charCodeAt(0)?||"f||":||"F||").charCodeAt(0),h-
=P+1):(v=(v==||"g||".charCodeAt(0)?||"e||":||"E||").charCodeAt(0),h--
),I=Math.min(h,20)}v==||"e||".charCodeAt(0)||v==||"E||".charCodeAt(0)?(M=t.toExponential(I)/[eE][-
+])|||||d$/.test(M)&&(M=M.slice(0,-1)+||"0||"+M.slice(-
1));v!=||"f||".charCodeAt(0)&&v!=||"F||".charCodeAt(0)|(M=t.toFixed(I));var
D=M.split(||"e||");if(N&&!b)for(;D[0].length>1&&D[0].indexOf(||".||")!=-1&&(||"0||"==D[0].slice(-
1)||||".||"==D[0].slice(-1));D[0]=D[0].slice(0,-1);else for(b&&M.indexOf(||".||")=-
1&&(D[0]+=||".||");h>I++;D[0]+=||"0||";M=D[0]+(D.length>1?||"e||"+D[1]:||"||"),v==||"E||".charCodeAt(0
)&&(M=M.toUpperCase()),o&&t>=0&&(M=||"+||"+M)}else M=(t<0?||"-
||":||"||")+||"inf||",k=!1;for(;M.length<u;)!M+=||" ||":M=1k||||"-||"!M[0]&&||"+||"!M[0]?(k?||"0||":||
||")+M:M[0]+||"0||"+M.slice(1);v<||"a||".charCodeAt(0)&&(M=M.toUpperCase()),M.split(||"||").forEach(func
tion(r){s.push(r.charCodeAt(0))})}else if(v==||"s||".charCodeAt(0)){var
L,F=e(||"i8*||");if(F?(L=w(F),c&&L.length>h&&(L=L.slice(0,h)):L=p(||(null)||",!0,!))for(;L.length<u--
);s.push(||" ||".charCodeAt(0));if(s=s.concat(L),l)for(;L.length<u--);s.push(||" ||".charCodeAt(0))}else
if(v==||"c||".charCodeAt(0)){for(l&&s.push(e(||"i8||"));--u>0);s.push(||"
||".charCodeAt(0));l}s.push(e(||"i8||"))}else if(v==||"n||".charCodeAt(0)){var
X=e(||"i32*||");Se[X>>2]=s.length}else if(v==||"%||".charCodeAt(0))s.push(i);else for(var
O=n;O<f+2;O++)s.push(Ae[O]);f+=2}else s.push(i),f+=1}return s}function xa(r,a,e,i){for(var v=Ua(e,i),t=void
0===a?v.length:Math.min(v.length,a-1),f=0;f<t;f++)Ae[r+f]=v[f];return Ae[r+f]=0,v.length}function
za(r,a,e){return xa(r,void 0,a,e)}function Va(r){return r in {32:0,9:0,10:0,11:0,12:0,13:0}}function Ba(r){return
r>=||"0||".charCodeAt(0)&&r<=||"9||".charCodeAt(0)}function Ha(r){for(var
a:(a=Ae[r])&&Va(a);r++;if(!a||!Ba(a))return 0;for(var e=r:(a=Ae[e])&&Ba(a);e++;return
Math.floor(Number(s(r).substr(0,e-r)))}function Ka(r){throw ke=!0,||"ABORT: ||"+r+||", at ||"+(new
Error).stack}function Ya(r){return Ya.ret||(Ya.ret=_([0,||"i32||",we)),Se[Ya.ret>>2]=r,r}function Ga(r,a,e,i){var
v=$e.streams[r];if(!v||v.object.isDevice)return Ya(Ge.EBADF),-1;if(v.isWrite){if(v.object.isFolder)return
Ya(Ge.EISDIR),-1;if(e<0||i<0)return Ya(Ge.EINVAL),-1;for(var t=v.object.contents;t.length<i;t.push(0);for(var
f=0;f<e;f++)t[i+f]=ge[a+f];return v.object.timestamp=Date.now(),f}return Ya(Ge.EACCES),-1}function
Wa(r,a,e){var i=$e.streams[r];if(i){if(i.isWrite){if(e<0)return Ya(Ge.EINVAL),-
1;if(i.object.isDevice){if(i.object.output){for(var v=0;v<e;v++)try{i.object.output(Ae[a+v])}catch(r){return
Ya(Ge.EIO),-1}return i.object.timestamp=Date.now(),v}return Ya(Ge.ENXIO),-1}var t=Ga(r,a,e,i.position);return
t!=-1&&(i.position+=t),t}return Ya(Ge.EACCES),-1}return Ya(Ge.EBADF),-1}function Za(r,a,e,i){var
v=e*a;if(0===v)return 0;var t=Wa(i,r,v);return t=-1?($e.streams[i]&&($e.streams[i].error=10),-
1):Math.floor(t/a)}function Qa(r,a,e){var i=Ua(a,e),v=le.stackSave(),t=Za(_(i,||"i8||",de),1,i.length,r);return
le.stackRestore(v),t}function qa(r){switch(r){case 8:return Pe;case 54:case 56:case 21:case 61:case 63:case 22:case
67:case 23:case 24:case 25:case 26:case 27:case 69:case 28:case 101:case 70:case 71:case 29:case 30:case 199:case
75:case 76:case 32:case 43:case 44:case 80:case 46:case 47:case 45:case 48:case 49:case 42:case 82:case 33:case

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i={\|"%"%i1\|":1,\|"%"%i8\|":1,\|"%"%i16\|":2,\|"%"%i32\|":4,\|"%"%i64\|":8,\|"%"float\|":4,\|"%"double\|":8}[|\|"%"|\|"+r
;if(!i)if(\|"%"*\|"=="r[r.length-1])j=le.QUANTUM_SIZE;else if(\|"%"i\|=="r[0]){ var
v=parseInt(r.substr(1));e(v%8==0),i=v/8}return i},getNativeFieldSize:function(r){return
Math.max(le.getNativeTypeSize(r),le.QUANTUM_SIZE)},dedup:function(r,a){var e={};return
a?.filter(function(r){return!e[r[a]]&&(e[r[a]]!=0,0)}):r.filter(function(r){return!e[r]&&(e[r]!=0,0)}),set:function(
){for(var r=|\|"%"object\|=="typeof arguments[0]?arguments[0]:arguments,a={},e=0,e<r.length;e++)a[r[e]]=0;return
a},calculateStructAlignment:function(r){r.flatSize=0,r.alignSize=0;var a=[],e=-1;return
r.flatIndexes=r.fields.map(function(i){var
v,t;if(le.isNumberType(i)||le.isPointerType(i))v=le.getNativeTypeSize(i),t=v;else if(!le.isStructType(i))throw\|"Un
clear type in struct: \|"%"+"+\|"%", in \|"%"+"r.name_+\|"%" ::
\|"%"+"dump(Types.types[r.name_]);v=Types.types[i].flatSize,t=Types.types[i].alignSize }t=r.packed?1:Math.min(t,le
.QUANTUM_SIZE),r.alignSize=Math.max(r.alignSize,t);var f=le.alignMemory(r.flatSize,t);return
r.flatSize=f+v,e>=0&&a.push(f-
e),e=f,f}),r.flatSize=le.alignMemory(r.flatSize,r.alignSize),0==a.length?r.flatFactor=r.flatSize:1==le.dedup(a).lengt
h&&(r.flatFactor=a[0]),r.needsFlattening=1!=r.flatFactor,r.flatIndexes},generateStructInfo:function(r,a,i){var
v,t;if(a){if(i=i||0,v=(\|"%"undefined\|=="typeof Types?le.typeInfo:Types.types)[a,!v)return
null;e(v.fields.length===r.length,\|"%"Number of named fields must match the type for
\|"%"+"a),t=v.flatIndexes}else{var v={fields:r.map(function(r){return r[0])});t=le.calculateStructAlignment(v)}var
f={__size__:v.flatSize};return a?.forEach(function(r,a){if(\|"%"string\|=="typeof r)f[r]=t[a]+i;else{var e;for(var _ in
r)e=_;f[e]=le.generateStructInfo(r[e],v.fields[a],t[a])}):r.forEach(function(r,a){f[r[1]]=t[a]}),f},stackAlloc:function
(r){var a=Oe;return Oe+=r,Oe=Oe+3>>2<<2,a},staticAlloc:function(r){var a=Ie;return
Ie+=r,Ie=Ie+3>>2<<2,Ie>=Le&&l(),a},alignMemory:function(r,a){var e=r=Math.ceil(r/(a?4:4))*(a?4:4);return
e},makeBigInt:function(r,a,e){var i=e?(r>>>0)+4294967296*(a>>>0):(r>>>0)+4294967296*(0|a);return
i},QUANTUM_SIZE:4,__dummy__:0),be={MAX_ALLOWED:0,corrections:0,sigs:{},note:function(r,e,i){e||((this
.corrections++,this.corrections>=this.MAX_ALLOWED&&a(\|"%"|||||n|||||nToo many
corrections!\|"%""))),print:function(){}},ke=!1,ue=0,ce=this;Module.ccall=i,Module.setValue=t,Module.getValue=f;va
r
r
he=0,de=1,we=2;Module.ALLOC_NORMAL=he,Module.ALLOC_STACK=de,Module.ALLOC_STATIC=we,Mo
dule.allocate=_ ,Module.Pointer_stringify=s,Module.Array_stringify=n;var
pe,Ee,Ae,ge,ye,me,Se,Me,Ce,Re,Te,Oe,Ne,Ie,Pe=4096,De=Module.TOTAL_STACK||5242880,Le=Module.TOTA
L_MEMORY||10485760;Module.FAST_MEMORY||2097152;e(!(Int32Array&&Float64Array&&new
Int32Array(1).subarray&&new Int32Array(1).set),\|"%"Cannot fallback to non-typed array case: Code is too
specialized\|"");var Fe=new ArrayBuffer(Le);Ae=new Int8Array(Fe),ye=new Int16Array(Fe),Se=new
Int32Array(Fe),ge=new Uint8Array(Fe),me=new Uint16Array(Fe),Me=new Uint32Array(Fe),Ce=new
Float32Array(Fe),Re=new Float64Array(Fe),Se[0]=255,e(255===ge[0]&&0===ge[3],\|"%"Typed arrays 2 must be
run on a little-endian system\|"");var Xe=p(\|"%"(null)\|"");Ie=Xe.length;for(var
je=0;je<Xe.length;je++)Ae[je]=Xe[je];Module.HEAP=Ee,Module.HEAP8=Ae,Module.HEAP16=ye,Module.HEAP
32=Se,Module.HEAPU8=ge,Module.HEAPU16=me,Module.HEAPU32=Me,Module.HEAPF32=Ce,Module.HEAP
F64=Re,Te=Oe=le.alignMemory(Ie),Ne=Te+De;var
Ue=le.alignMemory(Ne,8),xe=(Ae.subarray(Ue),Se.subarray(Ue>>2)),ze=(Ce.subarray(Ue>>2),Re.subarray(Ue>>3
));Ne=Ue+8,Ie=o(Ne);var
Ve=[],Be=[];Module.Array_copy=c,Module.TypedArray_copy=h,Module.String_len=d,Module.String_copy=w,Mo
dule.intArrayFromString=p,Module.intArrayToString=E,Module.writeStringToMemory=A;var
He=[],Ke=0;O.X=1,N.X=1,V.X=1,H.X=1,G.X=1,W.X=1,q.X=1,$.X=1,rr.X=1,ar.X=1,er.X=1,vr.X=1,nr.X=1,or.X=
1,kr.X=1,hr.X=1,Ar.X=1,Sr.X=1,Tr.X=1,Ir.X=1,Pr.X=1,Dr.X=1,Lr.X=1,Fr.X=1,Xr.X=1,zr.X=1,Vr.X=1,Br.X=1,Gr
.X=1,$r.X=1,Module._malloc=Jr,Jr.X=1,ra.X=1,aa.X=1,ea.X=1,ia.X=1,Module._free=va,va.X=1,_a.X=1,sa.X=1,na
.X=1,oa.X=1,la.X=1,da.X=1,Ma.X=1;var
Ye,Ge={E2BIG:7,EACCES:13,EADDRINUSE:98,EADDRNOTAVAIL:99,EAFNOSUPPORT:97,EAGAIN:11,E

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ALREADY:114,EBADF:9,EBADMSG:74,EBUSY:16,ECANCELED:125,ECHILD:10,ECONNABORTED:103,E
CONNREFUSED:111,ECONNRESET:104,EDEADLK:35,EDESTADDRREQ:89,EDOM:33,EDQUOT:122,EEXT
ST:17,EFAULT:14,EFBIG:27,EHOSTUNREACH:113,EIDRM:43,EILSEQ:84,EINPROGRESS:115,EINTR:4,EIN
VAL:22,EIO:5,EISCONN:106,EISDIR:21,ELOOP:40,EMFILE:24,EMLINK:31,EMSGSIZE:90,EMULTIHOP:72,
ENAMETOOLONG:36,ENETDOWN:100,ENETRESET:102,ENETUNREACH:101,ENFILE:23,ENOBUFS:105,
ENODATA:61,ENODEV:19,ENOENT:2,ENOEXEC:8,ENOLCK:37,ENOLINK:67,ENOMEM:12,ENOMSG:42,E
NOPROTOOPT:92,ENOSPC:28,ENOSR:63,ENOSTR:60,ENOSYS:38,ENOTCONN:107,ENOTDIR:20,ENOTEM
PTY:39,ENOTRECOVERABLE:131,ENOTSOCK:88,ENOTSUP:95,ENOTTY:25,ENXIO:6,E_OVERFLOW:75,E
OWNERDEAD:130,EPERM:1,EPIPE:32,EPROTO:71,EPROTONOSUPPORT:93,EPROTOTYPE:91,ERANGE:3
4,EROFS:30,ESPIPE:29,ESRCH:3,ESTALE:116,ETIME:62,ETIMEDOUT:110,ETXTBSY:26,EWOULDBLOCK:
11,EXDEV:18},We=0,Ze=0,Qe=0,qe=0,$e={currentPath:("\\\\",nextInode:2,streams:[null],ignorePermissions:!0,a
bsolutePath:function(r,a){if(\\string\\!=typeof r)return null;void
0===a&&(a=$e.currentPath),r&&\\==r[0]&&(a=\\);for(var
e=a+\\+r,i=e.split(\\).reverse(),v=[\\];i.length;){var
t=i.pop();\\==t||\\..\\==t||\\..\\==t?v.length>1&&v.pop():v.push(t)}return
1==v.length?\\:v.join(\\),analyzePath:function(r,a,e){var
i={isRoot:!1,exists:!1,error:0,name:null,path:null,object:null,parentExists:!1,parentPath:null,parentObject:null};if(r=
$.absolutePath(r),\\==r)i.isRoot=!0,i.exists=i.parentExists=!0,i.name=\\,i.path=i.parentPath=\\,i.obj
ect=i.parentObject=$e.root;else if(null!==r){e=e||0,r=r.slice(1).split(\\);for(var
v=$e.root,t=[\\];r.length;){1==r.length&&v.isFolder&&(i.parentExists=!0,i.parentPath=1==t.length?\\:t.jo
in(\\),i.parentObject=v,i.name=r[0]);var
f=r.shift();if(!v.isFolder){i.error=Ge.ENOTDIR;break}if(!v.read){i.error=Ge.EACCES;break}if(!v.contents.hasOw
nProperty(f)){i.error=Ge.ENOENT;break}if(v=v.contents[f],v.link&&(!a||0!==r.length)){if(e>40){i.error=Ge.ELOO
P;break}var _=$e.absolutePath(v.link,t.join(\\));return
$.analyzePath([_].concat(r).join(\\),a,e+1)}t.push(f),0==r.length&&(i.exists=!0,i.path=t.join(\\),i.object=
v)}return i}return i},findObject:function(r,a){$.ensureRoot();var e=$e.analyzePath(r,a);return
e.exists?e.object:(Ya(e.error,null)),createObject:function(r,a,e,i,v){if(r||(r=\\),\\string\\==typeof
r&&(r=$e.findObject(r),!r)throw Ya(Ge.EACCES),new Error(\\Parent path must exist.\\);if(!r.isFolder)throw
Ya(Ge.ENOTDIR),\\nnew Error(\\Parent must be a folder.\\);if(!r.write&&!$.ignorePermissions)throw
Ya(Ge.EACCES),new Error(\\Parent folder must be writeable.\\);if(!a||\\..\\==a)throw
Ya(Ge.ENOENT),new Error(\\Name must not be empty.\\);if(r.contents.hasOwnProperty(a))throw
Ya(Ge.EEXIST),new Error(\\Can\\t overwrite object.\\);r.contents[a]={read:void 0===i|write:void
0!==v&&v.timestamp>Date.now(),inodeNumber:$e.nextInode++};for(var t in
e)e.hasOwnProperty(t)&&(r.contents[a][t]=e[t]);return r.contents[a]},createFolder:function(r,a,e,i){var
v={isFolder:!0,isDevice:!1,contents:{}};return $.createObject(r,a,v,e,i)},createPath:function(r,a,e,i){var
v=$e.findObject(r);if(null===v)throw new Error(\\Invalid parent.\\);for(a=a.split(\\).reverse();a.length;){var
t=a.pop();t&&(v.contents.hasOwnProperty(t)||$.createFolder(v,t,e,i),v=v.contents[t])}return
v},createFile:function(r,a,e,i,v){return
e.isFolder?!1,$e.createObject(r,a,e,i,v)},createDataFile:function(r,a,e,i,v){if(\\string\\==typeof e){for(var t=new
Array(e.length),f=0,_=e.length;f<_;++f)t[f]=e.charCodeAtAt(f);e=t}var s={isDevice:!1,contents:e};return
$.createFile(r,a,s,i,v)},createLazyFile:function(r,a,e,i,v){var t={isDevice:!1,url:e};return
$.createFile(r,a,t,i,v)},createLink:function(r,a,e,i,v){var t={isDevice:!1,link:e};return
$.createFile(r,a,t,i,v)},createDevice:function(r,a,e,i){if(!e&&!i)throw new Error(\\A device must have at least one
callback defined.\\);var v={isDevice:!0,input:e,output:i};return
$.createFile(r,a,v,Boolean(e),Boolean(i))},forceLoadFile:function(r){if(r.isDevice||r.isFolder||r.link||r.contents)retur
n!0;var a=!0;if(\\undefined\\!=typeof XMLHttpRequest)e(\\Cannot do synchronous binary XHRs in modern
browsers. Use --embed-file or --preload-file in emcc\\);else if(\\undefined\\==typeof read)throw new
Error(\\Cannot load without read() or

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XMLHttpRequest.\\\");try{r.contents=p(read(r.url,!0)}catch(r){a=!1}}return
a||Ya(Ge.EIO,a),ensureRoot:function(){$.root||($.root={read:!0,write:!0,isFolder:!0,isDevice:!1,timestamp:Date.
now(),inodeNumber:1,contents:{}}),init:function(r,a,i){function
v(r){null===r||r===\\\\"\\\\\\\\\\\\\\\\n\\\\\\\\\".charCodeAt(0)?(a.printer(a.buffer.join(\\\\"\\\\\\\\\\\\\\\\\")),a.buffer=[]):a.buffer.push(String.fr
omCharCode(r))}e(!$.init.initialized,\\\\"FS.init was previously called. If you want to initialize later with custom
parameters, remove any earlier calls (note that one is automatically added to the generated
code)\\\\\\\\\"),$.init.initialized=!0,$.ensureRoot(),r=r||Module.stdin,a=a||Module.stdout,i=i||Module.stderr;var
t=!0,f=!0,s=!0;r||(t=!1,r=function(){if(!r.cache||r.cache.length){var a;\\\\"undefined\\\\\\\\\"!=typeof
window&&\\\\"function\\\\\\\\\"==typeof window.prompt?a=window.prompt(\\\\"Input: \\\\\"):\\\\"function\\\\\\\\\"==typeof
readline&&(a=readline()),a||(a=\\\\"\\\\\\\\\\\\\\\\\"),r.cache=p(a+\\\\"\\\\\\\\\\\\\\\\\\\\n\\\\\\\\\",!0)}return
r.cache.shift())},a||(f=!1,a=v),a.printer||(a.printer=print),a.buffer||(a.buffer=[]),i||(s=!1,i=v),i.printer||(i.printer=print),i
.buffer||(i.buffer=[]),$.createFolder(\\\\"\\\\\\\\\\\\\\\\\",\\\\"tmp\\\\\\\\\",!0,!0);var
n=$.createFolder(\\\\"\\\\\\\\\\\\\\\\\",\\\\"dev\\\\\\\\\",!0,!0),o=$.createDevice(n,\\\\"stdin\\\\\\\\\",r),l=$.createDevice(n,\\\\"stdout\\\\\\\\\",null,
a),b=$.createDevice(n,\\\\"stderr\\\\\\\\\",null,i);$.createDevice(n,\\\\"tty\\\\\\\\\",r,a),$.streams[1]={path:\\\\"/dev/stdin\\\\\\\\\",obj
ect:o,position:0,isRead:!0,isWrite:!1,isAppend:!1,isTerminal:!t,error:!1,eof:!1,ungotten:[],$e.streams[2]={path:\\\\"/
dev/stdout\\\\\\\\\",object:l,position:0,isRead:!1,isWrite:!0,isAppend:!1,isTerminal:!f,error:!1,eof:!1,ungotten:[],$e.strea
ms[3]={path:\\\\"/dev/stderr\\\\\\\\\",object:b,position:0,isRead:!1,isWrite:!0,isAppend:!1,isTerminal:!s,error:!1,eof:!1,ung
otten:[],We=_(([1],\\\\"void*\\\\\\\\\",we),Ze=_(([2],\\\\"void*\\\\\\\\\",we),Qe=_(([3],\\\\"void*\\\\\\\\\",we),$.createPath(\\\\"\\\\\\\\\\\\\\\\\",\\\\"d
ev/shm/tmp\\\\\\\\\",!0,!0),$.streams[We]=$.streams[1],$e.streams[Ze]=$.streams[2],$e.streams[Qe]=$.streams[3],qe
=_(([0,0,0,0,We,0,0,0,Ze,0,0,0,Qe,0,0,0],\\\\"void*\\\\\\\\\",we),\\\\"void*\\\\\\\\\",we)},quit:function(){$.init.initialized&&(
$.streams[2]&&$.streams[2].object.output.buffer.length>0&&$.streams[2].object.output(\\\\"\\\\\\\\\\\\\\\\\\\\n\\\\\\\\\".charCode
At(0)),$.streams[3]&&$.streams[3].object.output.buffer.length>0&&$.streams[3].object.output(\\\\"\\\\\\\\\\\\\\\\\\\\n\\\\\\\\\".cha
rCodeAt(0))}}},Je=Ja;Ve.unshift({func:function(){$.ignorePermissions=!1,$.init.initialized||$.init()}}),Be.push({
func:function(){$.quit()}}),Ya(0),ae.buf=_(12,\\\\"void*\\\\\\\\\",we),Module.callMain=function(r){function a(){for(var
r=0;r<3;r++)i.push(0)}var e=r.length+1,i=[_p(\\\\"/bin/this.program\\\\\\\\\"),\\\\"i8\\\\\\\\\",we);a();for(var v=0;v<e-
1;v+=1)i.push(_p(r[v]),\\\\"i8\\\\\\\\\",we),a();return i.push(0),i=_(i,\\\\"i32\\\\\\\\\",we),_main(e,i,0)};var
ri,ai,ei,ii,vi,ti,qe,fi,_i,si,ni,oi,li,bi,ki,ui,ci,hi,di,wi;if(He.__str=_([97,78,0],\\\\"i8\\\\\\\\\",we),He.__str1=_([38,61,0],\\\\"i8\\\\\\\\
\",we),He.__str2=_([97,83,0],\\\\"i8\\\\\\\\\",we),He.__str3=_([61,0],\\\\"i8\\\\\\\\\",we),He.__str4=_([97,97,0],\\\\"i8\\\\\\\\\",we),He._
__str5=_([38,38,0],\\\\"i8\\\\\\\\\",we),He.__str6=_([97,100,0],\\\\"i8\\\\\\\\\",we),He.__str7=_([38,0],\\\\"i8\\\\\\\\\",we),He.__str8=_(
[97,110,0],\\\\"i8\\\\\\\\\",we),He.__str9=_([99,108,0],\\\\"i8\\\\\\\\\",we),He.__str10=_([40,41,0],\\\\"i8\\\\\\\\\",we),He.__str11=_(
[99,109,0],\\\\"i8\\\\\\\\\",we),He.__str12=_([44,0],\\\\"i8\\\\\\\\\",we),He.__str13=_([99,111,0],\\\\"i8\\\\\\\\\",we),He.__str14=_(
[126,0],\\\\"i8\\\\\\\\\",we),He.__str15=_([100,86,0],\\\\"i8\\\\\\\\\",we),He.__str16=_([47,61,0],\\\\"i8\\\\\\\\\",we),He.__str17=_(
[100,97,0],\\\\"i8\\\\\\\\\",we),He.__str18=_([100,101,108,101,116,101,91,93,0],\\\\"i8\\\\\\\\\",we),He.__str19=_(
[100,101,0],\\\\"i8\\\\\\\\\",we),He.__str20=_(
[42,0],\\\\"i8\\\\\\\\\",we),He.__str21=_(
[100,108,0],\\\\"i8\\\\\\\\\",we),He.__str22=_(
[100,101,108,101,116,101,0],\\\\"i8\\\\\\\\\",we),He.__str23=_(
[100,118,0],\\\\"i8\\\\\\\\\",we),He.__str24=_(
[47,0],\\\\"i8\\\\\\\\\",we),He.__str25=_(
[101,79,0],\\\\"i8\\\\\\\\\",we),He.__str26=_(
[94,61,0],\\\\"i8\\\\\\\\\",we),He.__str27=_(
[101,111,0],\\\\"i8\\\\\\\\\",we),He.__str28=_(
[94,0],\\\\"i8\\\\\\\\\",we),He.__str29=_(
[101,113,0],\\\\"i8\\\\\\\\\",we),He.__str30=_(
[61,61,0],\\\\"i8\\\\\\\\\",we),He.__str31=_(
[103,101,0],\\\\"i8\\\\\\\\\",we),He.__str32=_(
[62,61,0],\\\\"i8\\\\\\\\\",we),He.__str33=_(
[103,116,0],\\\\"i8\\\\\\\\\",we),He.__str34=_(
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[105,120,0],\\\\"i8\\\\\\\\\",we),He.__str36=_(
[91,93,0],\\\\"i8\\\\\\\\\",we),He.__str37=_(
[108,83,0],\\\\"i8\\\\\\\\\",we),He.__str38=_(
[60,60,61,0],\\\\"i8\\\\\\\\\",we),He.__str39=_(
[108,101,0],\\\\"i8\\\\\\\\\",we),He.__str40=_(
[60,61,0],\\\\"i8\\\\\\\\\",we),He.__str41=_(
[108,115,0],\\\\"i8\\\\\\\\\",we),He.__str42=_(
[60,60,0],\\\\"i8\\\\\\\\\",we),He.__str43=_(
[108,116,0],\\\\"i8\\\\\\\\\",we),He.__str44=_(
[60,0],\\\\"i8\\\\\\\\\",we),He.__str45=_(
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[45,61,0],\\\\"i8\\\\\\\\\",we),He.__str47=_(
[109,76,0],\\\\"i8\\\\\\\\\",we),He.__str48=_(
[42,61,0],\\\\"i8\\\\\\\\\",we),He.__str49=_(
[109,105,0],\\\\"i8\\\\\\\\\",we),He.__str51=_(
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[109,109,0],\\\\"i8\\\\\\\\\",we),He.__str53=_(
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[33,61,0],\\\\"i8\\\\\\\\\",we),He.__str58=_(
[110,103,0],\\\\"i8\\\\\\\\\",we),He.__str59=_(
[110,116,0],\\\\"i8\\\\\\\\\",we),He.__str60=_(
[33,0],\\\\"i8\\\\\\\\\",we),He.__str61=_(
[110,119,0],\\\\"i8\\\\\\\\\",we),He.__str62=_(
[110,101,119,0],\\\\"i8\\\\\\\\\",we),He.__str63=_(
[111,82,0],\\\\"i8\\\\\\\\\",we),He.__str64=_(
[124,61,0],\\\\"i8\\\\\\\\\",we),He.__str65=_(
[111,111,0]

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11,112,101,114,97,116,111,114,40,41,0],\\\\"i8\\\\"),He.__str27197=_([111,112,101,114,97,116,111,114,126,0],\\\\"i8\\\\"),He.__str28198=_([111,112,101,114,97,116,111,114,94,0],\\\\"i8\\\\"),He.__str29199=_([111,112,101,114,97,116,111,114,124,0],\\\\"i8\\\\"),He.__str30200=_([111,112,101,114,97,116,111,114,38,38,0],\\\\"i8\\\\"),He.__str31201=_([111,112,101,114,97,116,111,114,124,124,0],\\\\"i8\\\\"),He.__str32202=_([111,112,101,114,97,116,111,114,42,61,0],\\\\"i8\\\\"),He.__str33203=_([111,112,101,114,97,116,111,114,43,61,0],\\\\"i8\\\\"),He.__str34204=_([111,112,101,114,97,116,111,114,45,61,0],\\\\"i8\\\\"),He.__str35205=_([111,112,101,114,97,116,111,114,47,61,0],\\\\"i8\\\\"),He.__str36206=_([111,112,101,114,97,116,111,114,37,61,0],\\\\"i8\\\\"),He.__str37207=_([111,112,101,114,97,116,111,114,62,62,61,0],\\\\"i8\\\\"),He.__str38208=_([111,112,101,114,97,116,111,114,60,60,61,0],\\\\"i8\\\\"),He.__str39209=_([111,112,101,114,97,116,111,114,38,61,0],\\\\"i8\\\\"),He.__str40210=_([111,112,101,114,97,116,111,114,124,61,0],\\\\"i8\\\\"),He.__str41211=_([111,112,101,114,97,116,111,114,94,61,0],\\\\"i8\\\\"),He.__str42212=_([96,118,102,116,97,98,108,101,39,0],\\\\"i8\\\\"),He.__str43213=_([96,118,98,116,97,98,108,101,39,0],\\\\"i8\\\\"),He.__str44214=_([96,118,99,97,108,108,39,0],\\\\"i8\\\\"),He.__str45215=_([96,116,121,112,101,111,102,39,0],\\\\"i8\\\\"),He.__str46216=_([96,108,111,99,97,108,32,115,116,97,116,105,99,32,103,117,97,114,100,39,0],\\\\"i8\\\\"),He.__str47217=_([96,115,116,114,105,110,103,39,0],\\\\"i8\\\\"),He.__str48218=_([96,118,98,97,115,101,32,100,101,115,116,114,117,99,116,111,114,39,0],\\\\"i8\\\\"),He.__str49219=_([96,118,101,99,116,111,114,32,100,101,108,101,116,105,110,103,32,100,101,115,116,114,117,99,116,111,114,39,0],\\\\"i8\\\\"),He.__str50220=_([96,100,101,102,97,117,108,116,32,99,111,110,115,116,114,117,99,116,111,114,32,99,108,111,115,117,114,101,39,0],\\\\"i8\\\\"),He.__str51221=_([96,115,99,97,108,97,114,32,100,101,108,101,116,105,110,103,32,100,101,115,116,114,117,99,116,111,114,39,0],\\\\"i8\\\\"),He.__str52222=_([96,118,101,99,116,111,114,32,99,111,110,115,116,114,117,99,116,111,114,32,105,116,101,114,97,116,111,114,39,0],\\\\"i8\\\\"),He.__str53223=_([96,118,101,99,116,111,114,32,100,101,115,116,114,117,99,116,111,114,32,105,116,101,114,97,116,111,114,39,0],\\\\"i8\\\\"),He.__str54224=_([96,118,101,99,116,111,114,32,118,98,97,115,101,32,99,111,110,115,116,114,117,99,116,111,114,32,105,116,101,114,97,116,111,114,39,0],\\\\"i8\\\\"),He.__str55225=_([96,118,105,114,116,117,97,108,32,100,105,115,112,108,97,99,101,109,101,110,116,32,109,97,112,39,0],\\\\"i8\\\\"),He.__str56226=_([96,101,104,32,118,101,99,116,111,114,32,99,111,110,115,116,114,117,99,116,111,114,32,105,116,101,114,97,116,111,114,39,0],\\\\"i8\\\\"),He.__str57227=_([96,101,104,32,118,101,99,116,111,114,32,100,101,115,116,114,117,99,116,111,114,32,105,116,101,114,97,116,111,114,39,0],\\\\"i8\\\\"),He.__str58228=_([96,101,104,32,118,101,99,116,111,114,32,118,98,97,115,101,32,99,111,110,115,116,114,117,99,116,111,114,32,105,116,101,114,97,116,111,114,39,0],\\\\"i8\\\\"),He.__str59229=_([96,99,111,112,121,32,99,111,110,115,116,114,117,99,116,111,114,32,99,108,111,115,117,114,101,39,0],\\\\"i8\\\\"),He.__str60230=_([37,115,37,115,32,96,82,84,84,73,32,84,121,112,101,32,68,101,115,99,114,105,112,116,111,114,39,0],\\\\"i8\\\\"),He.__str61231=_([96,82,84,84,73,32,66,97,115,101,32,67,108,97,115,115,32,68,101,115,99,114,105,112,116,111,114,32,97,116,32,40,37,115,44,37,115,44,37,115,44,37,115,41,39,0],\\\\"i8\\\\"),He.__str62232=_([96,82,84,84,73,32,66,97,115,101,32,67,108,97,115,115,32,65,114,114,97,121,39,0],\\\\"i8\\\\"),He.__str63233=_([96,82,84,84,73,32,67,108,97,115,115,32,72,105,101,114,97,114,99,104,121,32,68,101,115,99,114,105,112,116,111,114,39,0],\\\\"i8\\\\"),He.__str64234=_([96,82,84,84,73,32,67,111,109,112,108,101,116,101,32,79,98,106,101,99,116,32,76,111,99,97,116,111,114,39,0],\\\\"i8\\\\"),He.__str65235=_([96,108,111,99,97,108,32,118,102,116,97,98,108,101,39,0],\\\\"i8\\\\"),He.__str66236=_([96,108,111,99,97,108,32,118,102,116,97,98,108,101,32,99,111,110,115,116,114,117,99,116,111,114,32,99,108,111,115,117,114,101,39,0],\\\\"i8\\\\"),He.__str67237=_([111,112,101,114,97,116,111,114,32,110,101,119,91,93,0],\\\\"i8\\\\"),He.__str68238=_([111,112,101,114,97,116,111,114,32,100,101,108,101,116,101,91,93,0],\\\\"i8\\\\"),He.__str69239=_([96,112,108,97,99,101,109,101,110,116,32,100,101,108,101,116,101,32,99,108,111,115,117,114,101,39,0],\\\\"i8\\\\"),He.__str70240=_([96,112,108,97,99,101,109,101,110,116,32,100,101,108,101,116,101,91,93,32,99,108,111,115,117,114,101,39,0],\\\\"i8\\\\"),He.__str71241=_([126,37,115,0],\\\\"i8\\\\"),He.__str72242=_([117,110,100,110,97,109,101,46,99,0],\\\\"i8\\\\"),He.__func__symbol_demangle=_([115,121,109,98,111,108,95,100,101,109,97,110,103,108,101,0],\\\\"i8\\\\"),He.__str73243=_([115,121,109,45,62,114,101,115,117,108,116,0],\\\\"i8\\\\"),He.__func__handle_template=_([104,97,110,100,108,101,95,116,101,109,112,108,97,116,101,0],\\\\"i8\\\\"),He.__str74244=_([42,115,121,109,45,62,99,117,114,114,101,110,116,32,61,61,32,39,36,39,0],\\\\"i8\\\\"),He.__func__str_array_get_ref=_([115,116,114,95,97,114,114,97,121,95,103,101,116,95,114,101,1

02,0],\|\|"i8\|\|",we),He.__str75245=_([99,114,101,102,0],\|\|"i8\|\|",we),He.__str76246=_([112,114,105,118,97,116,101,58,32,0],\|\|"i8\|\|",we),He.__str77247=_([112,114,111,116,101,99,116,101,100,58,32,0],\|\|"i8\|\|",we),He.__str78248=_([112,117,98,108,105,99,58,32,0],\|\|"i8\|\|",we),He.__str79249=_([115,116,97,116,105,99,32,0],\|\|"i8\|\|",we),He.__str80250=_([118,105,114,116,117,97,108,32,0],\|\|"i8\|\|",we),He.__str81251=_([91,116,104,117,110,107,93,58,37,115,0],\|\|"i8\|\|",we),He.__str82252=_([37,115,96,97,100,106,117,115,116,111,114,123,37,115,125,39,32,0],\|\|"i8\|\|",we),He.__str83253=_([37,115,32,37,115,0],\|\|"i8\|\|",we),He.__str84254=_([118,111,105,100,0],\|\|"i8\|\|",we),He.__str85255=_([37,115,37,115,37,115,0],\|\|"i8\|\|",we),He.__str86256=_([37,115,37,115,37,115,37,115,37,115,37,115,37,115,37,115,37,115,37,115,0],\|\|"i8\|\|",we),He.__str87257=_([32,0],\|\|"i8\|\|",we),He.__str88258=_([100,108,108,95,101,120,112,111,114,116,32,0],\|\|"i8\|\|",we),He.__str89259=_([99,100,101,99,108,0],\|\|"i8\|\|",we),He.__str90260=_([112,97,115,99,97,108,0],\|\|"i8\|\|",we),He.__str91261=_([116,104,105,115,99,97,108,108,0],\|\|"i8\|\|",we),He.__str92262=_([115,116,100,99,97,108,108,0],\|\|"i8\|\|",we),He.__str93263=_([102,97,115,116,99,97,108,108,0],\|\|"i8\|\|",we),He.__str94264=_([99,108,114,99,97,108,108,0],\|\|"i8\|\|",we),He.__str95265=_([95,95,100,108,108,95,101,120,112,111,114,116,32,0],\|\|"i8\|\|",we),He.__str96266=_([95,95,99,100,101,99,108,0],\|\|"i8\|\|",we),He.__str97267=_([95,95,112,97,115,99,97,108,0],\|\|"i8\|\|",we),He.__str98268=_([95,95,116,104,105,115,99,97,108,108,0],\|\|"i8\|\|",we),He.__str99269=_([95,95,115,116,100,99,97,108,108,0],\|\|"i8\|\|",we),He.__str100270=_([95,95,102,97,115,116,99,97,108,108,0],\|\|"i8\|\|",we),He.__str101271=_([95,95,99,108,114,99,97,108,108,0],\|\|"i8\|\|",we),He.__str102272=_([95,95,112,116,114,54,52,0],\|\|"i8\|\|",we),He.__str103273=_([99,111,110,115,116,0],\|\|"i8\|\|",we),He.__str104274=_([118,111,108,97,116,105,108,101,0],\|\|"i8\|\|",we),He.__str105275=_([99,111,110,115,116,32,118,111,108,97,116,105,108,101,0],\|\|"i8\|\|",we),He.__func__get_class_string=_([103,101,116,95,99,108,97,115,115,95,115,116,114,105,110,103,0],\|\|"i8\|\|",we),He.__str106276=_([97,45,62,101,108,116,115,91,105,93,0],\|\|"i8\|\|",we),He.__str107277=_([123,102,111,114,32,96,37,115,39,125,0],\|\|"i8\|\|",we),He.__str108278=_([37,115,37,115,37,115,37,115,37,115,37,115,37,115,37,115,0],\|\|"i8\|\|",we),He.__str109279=_([96,37,115,39,0],\|\|"i8\|\|",we),He.__str110280=_([46,46,46,0],\|\|"i8\|\|",we),He.__str111281=_([37,99,118,111,105,100,37,99,0],\|\|"i8\|\|",we),He.__str112282=_([37,115,44,37,115,0],\|\|"i8\|\|",we),He.__str113283=_([37,99,37,115,37,115,32,37,99,0],\|\|"i8\|\|",we),He.__str114284=_([37,99,37,115,37,115,37,99,0],\|\|"i8\|\|",we),He.__func__str_array_push=_([115,116,114,95,97,114,114,97,121,95,112,117,115,104,0],\|\|"i8\|\|",we),He.__str115285=_([112,116,114,0],\|\|"i8\|\|",we),He.__str116286=_([97,0],\|\|"i8\|\|",we),He.__str117287=_([97,45,62,101,108,116,115,91,97,45,62,110,117,109,93,0],\|\|"i8\|\|",we),He.__str118288=_([37,115,37,100,0],\|\|"i8\|\|",we),He.__str119289=_([45,0],\|\|"i8\|\|",we),He.__func__demangle_datatype=_([100,101,109,97,110,103,108,101,95,100,97,116,97,116,121,112,101,0],\|\|"i8\|\|",we),He.__str121291=_([99,116,0],\|\|"i8\|\|",we),He.__str122292=_([117,110,105,111,110,32,0],\|\|"i8\|\|",we),He.__str123293=_([115,116,114,117,99,116,32,0],\|\|"i8\|\|",we),He.__str124294=_([99,108,97,115,115,32,0],\|\|"i8\|\|",we),He.__str125295=_([99,111,105,110,116,101,114,102,97,99,101,32,0],\|\|"i8\|\|",we),He.__str126296=_([96,116,101,109,112,108,97,116,101,45,112,97,114,97,109,101,116,101,114,45,37,115,39,0],\|\|"i8\|\|",we),He.__str127297=_([37,115,37,115,32,40,37,115,42,0],\|\|"i8\|\|",we),He.__str128298=_([41,37,115,0],\|\|"i8\|\|",we),He.__str129299=_([101,110,117,109,32,37,115,0],\|\|"i8\|\|",we),He.__str130300=_([96,116,101,109,112,108,97,116,101,45,112,97,114,97,109,101,116,101,114,37,115,39,0],\|\|"i8\|\|",we),He.__str131301=_([123,37,115,44,37,115,125,0],\|\|"i8\|\|",we),He.__str132302=_([123,37,115,44,37,115,44,37,115,125,0],\|\|"i8\|\|",we),He.__str133303=_([96,110,111,110,45,116,121,112,101,45,116,101,109,112,108,97,116,101,45,112,97,114,97,109,101,116,101,114,37,115,39,0],\|\|"i8\|\|",we),He.__str134304=_([32,95,95,112,116,114,54,52,0],\|\|"i8\|\|",we),He.__str135305=_([32,38,37,115,0],\|\|"i8\|\|",we),He.__str136306=_([32,38,37,115,32,118,111,108,97,116,105,108,101,0],\|\|"i8\|\|",we),He.__str137307=_([32,42,37,115,0],\|\|"i8\|\|",we),He.__str138308=_([32,42,37,115,32,99,111,110,115,116,0],\|\|"i8\|\|",we),He.__str139309=_([32,42,37,115,32,118,111,108,97,116,105,108,101,0],\|\|"i8\|\|",we),He.__str140310=_([32,42,37,115,32,99,111,110,115,116,32,118,111,108,97,116,105,108,101,0],\|\|"i8\|\|",we),He.__str141311=_([32,40,37,115,37,115,41,0],\|\|"i8\|\|",we),He.__str142312=_([32,40,37,115,41,0],\|\|"i8\|\|",we),He.__str143313=_([37,115,91,37,115,93,0],\|\|"i8\|\|",we),He.__str144314=_([37,115,32,37,115,37,115,0],\|\|"i8\|\|",we),He.__str145315=_([115,105,103,110,101,100,32,99,104,97,114,0],\|\|"i8\|\|",we),He.__str146316=_([99,104,97,114,0],\|\|"i8\|\|",we),He.__str147317=_([117,110,115,105,103,110,101,100,32,99,104,97,114,0],\|\|"i8\|\|",we),He.__str148318=_([115,104,111,114,116,0],\|\|"i8\|\|",we),He.__str149319=_([117,110,115,105,103,110,101,100,32,115,104,111,114,116,0],\|\|"i8\|\|",we),He.__str150320=_([105,110,116,0],\|\|"i8\|\|",we),

He.__str44,Se[ri+368>>2]=0|He.__str45,Se[ri+372>>2]=0|He.__str46,Se[ri+384>>2]=0|He.__str47,Se[ri+388>>2]=0|He.__str48,Se[ri+400>>2]=0|He.__str49,Se[ri+404>>2]=0|He.__str119289,Se[ri+416>>2]=0|He.__str51,Se[ri+420>>2]=0|He.__str20,Se[ri+432>>2]=0|He.__str52,Se[ri+436>>2]=0|He.__str53,Se[ri+448>>2]=0|He.__str54,Se[ri+452>>2]=0|He.__str55,Se[ri+464>>2]=0|He.__str56,Se[ri+468>>2]=0|He.__str57,Se[ri+480>>2]=0|He.__str58,Se[ri+484>>2]=0|He.__str119289,Se[ri+496>>2]=0|He.__str59,Se[ri+500>>2]=0|He.__str60,Se[ri+512>>2]=0|He.__str61,Se[ri+516>>2]=0|He.__str62,Se[ri+528>>2]=0|He.__str63,Se[ri+532>>2]=0|He.__str64,Se[ri+544>>2]=0|He.__str65,Se[ri+548>>2]=0|He.__str66,Se[ri+560>>2]=0|He.__str67,Se[ri+564>>2]=0|He.__str68,Se[ri+576>>2]=0|He.__str69,Se[ri+580>>2]=0|He.__str70,Se[ri+592>>2]=0|He.__str71,Se[ri+596>>2]=0|He.__str72,Se[ri+608>>2]=0|He.__str73,Se[ri+612>>2]=0|He.__str74,Se[ri+624>>2]=0|He.__str75,Se[ri+628>>2]=0|He.__str76,Se[ri+640>>2]=0|He.__str77,Se[ri+644>>2]=0|He.__str72,Se[ri+656>>2]=0|He.__str78,Se[ri+660>>2]=0|He.__str79,Se[ri+672>>2]=0|He.__str80,Se[ri+676>>2]=0|He.__str81,Se[ri+688>>2]=0|He.__str82,Se[ri+692>>2]=0|He.__str83,Se[ri+704>>2]=0|He.__str84,Se[ri+708>>2]=0|He.__str85,Se[ri+720>>2]=0|He.__str86,Se[ri+724>>2]=0|He.__str87,Se[ri+736>>2]=0|He.__str88,Se[ri+740>>2]=0|He.__str89,Se[ri+752>>2]=0|He.__str90,Se[ri+756>>2]=0|He.__str91,Se[ri+768>>2]=0|He.__str92,Se[ri+772>>2]=0|He.__str91,Se[ai>>2]=0|He.__str145315,Se[ai+8>>2]=0|He.__str145315,Se[ai+20>>2]=0|He.__str167337,Se[ai+28>>2]=0|He.__str95,Se[ai+40>>2]=0|He.__str146316,Se[ai+48>>2]=0|He.__str97,Se[ai+60>>2]=0|He.__str155325,Se[ai+68>>2]=0|He.__str155325,Se[ai+80>>2]=0|He.__str156326,Se[ai+88>>2]=0|He.__str156326,Se[ai+100>>2]=0|He.__str154324,Se[ai+108>>2]=0|He.__str154324,Se[ai+120>>2]=0|He.__str101,Se[ai+128>>2]=0|He.__str101,Se[ai+140>>2]=0|He.__str147317,Se[ai+148>>2]=0|He.__str147317,Se[ai+160>>2]=0|He.__str150320,Se[ai+168>>2]=0|He.__str150320,Se[ai+180>>2]=0|He.__str151321,Se[ai+188>>2]=0|He.__str105,Se[ai+220>>2]=0|He.__str152322,Se[ai+228>>2]=0|He.__str152322,Se[ai+240>>2]=0|He.__str153323,Se[ai+248>>2]=0|He.__str153323,Se[ai+260>>2]=0|He.__str165335,Se[ai+268>>2]=0|He.__str165335,Se[ai+280>>2]=0|He.__str166336,Se[ai+288>>2]=0|He.__str166336,Se[ai+360>>2]=0|He.__str148318,Se[ai+368>>2]=0|He.__str148318,Se[ai+380>>2]=0|He.__str149319,Se[ai+388>>2]=0|He.__str149319,Se[ai+420>>2]=0|He.__str84254,Se[ai+428>>2]=0|He.__str84254,Se[ai+440>>2]=0|He.__str168338,Se[ai+448>>2]=0|He.__str146316,Se[ai+460>>2]=0|He.__str114,Se[ai+468>>2]=0|He.__str152322,Se[ai+480>>2]=0|He.__str115,Se[ai+488>>2]=0|He.__str115,Se[ai+500>>2]=0|He.__str110280,Se[ai+508>>2]=0|He.__str110280,Se[ei+4>>2]=0|He.__str152,Se[ei+12>>2]=0|He.__str152,Se[ei+32>>2]=0|He.__str153,Se[ei+40>>2]=0|He.__str153,Se[ei+48>>2]=0|He.__str154,Se[ei+60>>2]=0|He.__str155,Se[ei+68>>2]=0|He.__str155,Se[ei+76>>2]=0|He.__str156,Se[ei+88>>2]=0|He.__str157,Se[ei+96>>2]=0|He.__str158,Se[ei+104>>2]=0|He.__str156,Se[ei+116>>2]=0|He.__str159,Se[ei+124>>2]=0|He.__str160,Se[ei+132>>2]=0|He.__str161,Se[ei+144>>2]=0|He.__str162,Se[ei+152>>2]=0|He.__str163,Se[ei+160>>2]=0|He.__str164,Se[ei+172>>2]=0|He.__str165,Se[ei+180>>2]=0|He.__str166,Se[ei+188>>2]=0|He.__str167,Se[si+4>>2]=bi,Se[ni+4>>2]=ki,oi=_(2,0,0,0,0,[\i8*\i,0,0,0,0],we),Se[bi>>2]=oi+8|0,Se[bi+4>>2]=0|He.__ZTSSt9bad_alloc,Se[bi+8>>2]=li,Se[ki>>2]=oi+8|0,Se[ki+4>>2]=0|He.__ZTSSt20bad_array_new_length,Se[ki+8>>2]=bi,ui=16,ci=6,hi=18,di=6,wi=6,pe=[0,0,Jr,0,va,0,ya,0,ga,0,wa,0,Sa,0,pa,0,Ea,0,ma,0],Module.FUNCTION_TABLE=pe,Module.run=ee,Module.preRun&&Module.preRun(),0==Ke){ee()}Module.postRun&&Module.postRun(),Module.__cxa_demangle=G;var pi=v(\i\i__cxa_demangle\i\i,\i\istring\i\i,[\i\istring\i\i,\i\istring\i\i,\i\inumber\i\i,\i\inumber\i\i]);return function(r){return pi(r,\i\i\i\i,1,0)}();\i\in'};function(e,r,a){\i\iuse strict\i\i};function t(e){const r=[];return function e(a){r.push({id:a.id,callFrame:{columnNumber:0,functionName:a.functionName,lineNumber:a.lineNumber,scriptId:a.scriptId,url:a.url},hitCount:a.hitCount,children:a.children.map(e=>e.id)}),a.children.forEach(e)}(e),r}Object.defineProperty(r,\i\i__esModule\i\i,{value:!0}),r.chromeTreeToNodes=void 0,r.chromeTreeToNodes=function(e){return {samples:e.samples,startTime:1e6*e.startTime,endTime:1e6*e.endTime,nodes:t(e.head),timeDeltas:(r=e.timestamps,a=e.startTime,r.map((e,t)=>e-(0===t?1e6*a:r[t-1])))};var r,a},function(e,r,a){\i\iuse strict\i\i};Object.defineProperty(r,\i\i__esModule\i\i,{value:!0}),r.Flamechart=void 0;const t=a(0),i=a(11);r.Flamechart=class {constructor(e){this.source=e,this.layers=[],this.totalWeight=0,this.minFrameWidth=1;const r=[];this.minFrameWidth=1/0;this.totalWeight=e.getTotalWeight(),e.forEachCall((e,a)=>{const i=t.lastOf(r),n={node:e.parent:i,children:[],start:a,end:a};i&&i.children.push(n),r.push(n)}),(e,a)=>{console.assert(r.l

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length>0);const t=r.pop();if(t.end=a,t.end-t.start==0)return;const
i=r.length;for(;this.layers.length<=i;)this.layers.push([]);this.layers[i].push(t,this.minFrameWidth=Math.min(this.m
inFrameWidth,t.end-t.start)),isFinite(this.minFrameWidth)||this.minFrameWidth=1}getTotalWeight(){return
this.totalWeight}getLayers(){return this.layers}getColorBucketForFrame(e){return
this.source.getColorBucketForFrame(e)}getMinFrameWidth(){return this.minFrameWidth}formatValue(e){return
this.source.formatValue(e)}getClampedViewportWidth(e){const
r=this.getTotalWeight(),a=Math.pow(2,40),t=i.clamp(3*this.getMinFrameWidth(),r/a,r);return
i.clamp(e,t,r)}getClampedConfigSpaceViewportRect({configSpaceViewportRect:e,renderInverted:r}){const a=new
i.Vec2(this.getTotalWeight(),this.getLayers().length),t=this.getClampedViewportWidth(e.size.x),n=e.size.withX(t),s
=i.Vec2.clamp(e.origin,new i.Vec2(0,r?0:-1),i.Vec2.max(i.Vec2.zero,a.minus(n).plus(new i.Vec2(0,1))));return new
i.Rect(s,e.size.withX(t))},function(e,r,a){use strict;function t(e,r,a){return
e<r?r:e>a?a:e}Object.defineProperty(r, "__esModule", { value: !0 }), r.Rect=r.AffineTransform=r.Vec2=r.clamp=v
oid 0,r.clamp=t;let i=(()=>>{class e{constructor(e,r){this.x=e,this.y=r}withX(r){return new
e(r,this.y)}withY(r){return new e(this.x,r)}plus(r){return new e(this.x+r.x,this.y+r.y)}minus(r){return new e(this.x-
r.x,this.y-r.y)}times(r){return new e(this.x*r,this.y*r)}timesPointwise(r){return new
e(this.x*r.x,this.y*r.y)}dividedByPointwise(r){return new e(this.x/r.x,this.y/r.y)}dot(e){return
this.x*e.x+this.y*e.y}equals(e){return this.x===e.x&&this.y===e.y}approxEquals(e,r=1e-9){return
Math.abs(this.x-e.x)<r&&Math.abs(this.y-e.y)<r}length2(){return this.dot(this)}length(){return
Math.sqrt(this.length2())}abs(){return new e(Math.abs(this.x),Math.abs(this.y))}static min(r,a){return new
e(Math.min(r.x,a.x),Math.min(r.y,a.y))}static max(r,a){return new e(Math.max(r.x,a.x),Math.max(r.y,a.y))}static
clamp(r,a,i){return new e(t(r.x,a.x,i.x),t(r.y,a.y,i.y))}flatten(){return[this.x,this.y]}return e.zero=new
e(0,0),e.unit=new e(1,1),e})();r.Vec2=i;class
n{constructor(e=1,r=0,a=0,t=0,i=1,n=0){this.m00=e,this.m01=r,this.m02=a,this.m10=t,this.m11=i,this.m12=n}with
Scale(e){let{m00:r,m01:a,m02:t,m10:i,m11:s,m12:v}=this;return r=e.x,s=e.y,new n(r,a,t,i,s,v)}static
withScale(e){return(new n).withScale(e)}scaledBy(e){return n.withScale(e).times(this)}getScale(){return new
i(this.m00,this.m11)}withTranslation(e){let{m00:r,m01:a,m02:t,m10:i,m11:s,m12:v}=this;return t=e.x,v=e.y,new
n(r,a,t,i,s,v)}static withTranslation(e){return(new n).withTranslation(e)}getTranslation(){return new
i(this.m02,this.m12)}translatedBy(e){return n.withTranslation(e).times(this)}static betweenRects(e,r){return
n.withTranslation(e.origin.times(-1)).scaledBy(new
i(r.size.x/e.size.x,r.size.y/e.size.y)).translatedBy(r.origin)}times(e){const
r=this.m00*e.m00+this.m01*e.m10,a=this.m00*e.m01+this.m01*e.m11,t=this.m00*e.m02+this.m01*e.m12+this.m
02,i=this.m10*e.m00+this.m11*e.m10,s=this.m10*e.m01+this.m11*e.m11,v=this.m10*e.m02+this.m11*e.m12+thi
s.m12;return new n(r,a,t,i,s,v)}equals(e){return
this.m00===e.m00&&this.m01===e.m01&&this.m02===e.m02&&this.m10===e.m10&&this.m11===e.m11&&this.m12
===e.m12}approxEquals(e,r=1e-9){return Math.abs(this.m00-e.m00)<r&&Math.abs(this.m01-
e.m01)<r&&Math.abs(this.m02-e.m02)<r&&Math.abs(this.m10-e.m10)<r&&Math.abs(this.m11-
e.m11)<r&&Math.abs(this.m12-
e.m12)<r}timesScalar(e){const{m00:r,m01:a,m02:t,m10:i,m11:s,m12:v}=this;return new
n(e*r,e*a,e*t,e*i,e*s,e*v)}det(){const{m00:e,m01:r,m02:a,m10:t,m11:i,m12:n}=this;return e*(1*i-0*n)-r*(1*t-
0*n)+a*(0*t-0*i)}adj(){const{m00:e,m01:r,m02:a,m10:t,m11:i,m12:s}=this;return new n((1*i-0*s),-(1*r-
0*a),(r*s-a*i),-(1*t-0*s),(1*e-0*a),-(e*s-a*t))}inverted(){const e=this.det();return
0===e?null:this.adj().timesScalar(1/e)}transformVector(e){return new
i(e.x*this.m00+e.y*this.m01,e.x*this.m10+e.y*this.m11)}inverseTransformVector(e){const r=this.inverted();return
r?r.transformVector(e):null}transformPosition(e){return new
i(e.x*this.m00+e.y*this.m01+this.m02,e.x*this.m10+e.y*this.m11+this.m12)}inverseTransformPosition(e){const
r=this.inverted();return r?r.transformPosition(e):null}transformRect(e){const
r=this.transformVector(e.size),a=this.transformPosition(e.origin);return r.x<0&&r.y<0?new
s(a.plus(r),r.abs()):r.x<0?new s(a.withX(a.x+r.x),r.abs()):r.y<0?new s(a.withY(a.y+r.y),r.abs()):new

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s(a,r)}inverseTransformRect(e){const r=this.inverted();return
r?r.transformRect(e):null}flatten(){return[this.m00,this.m10,0,this.m01,this.m11,0,this.m02,this.m12,1]}r.AffineTr
ansform=n;let s=(()=>{class e{constructor(e,r){this.origin=e,this.size=r}isEmpty(){return
0===this.width()||0===this.height()}width(){return this.size.x}height(){return this.size.y}left(){return
this.origin.x}right(){return this.left()+this.width()}top(){return this.origin.y}bottom(){return
this.top()+this.height()}topLeft(){return this.origin}topRight(){return this.origin.plus(new
i(this.width(),0))}bottomRight(){return this.origin.plus(this.size)}bottomLeft(){return this.origin.plus(new
i(0,this.height()))}withOrigin(r){return new e(r,this.size)}withSize(r){return new
e(this.origin,r)}closestPointTo(e){return new
i(t(e.x,this.left(),this.right()),t(e.y,this.top(),this.bottom()))}distanceFrom(e){return
e.minus(this.closestPointTo(e)).length()}contains(e){return 0===this.distanceFrom(e)}hasIntersectionWith(e){const
r=Math.max(this.top(),e.top());if(Math.max(r,Math.min(this.bottom(),e.bottom()))-r==0)return!1;const
a=Math.max(this.left(),e.left());return Math.max(a,Math.min(this.right(),e.right()))-a!=0}intersectWith(r){const
a=i.max(this.topLeft(),r.topLeft()),t=i.max(a,i.min(this.bottomRight(),r.bottomRight()));return new
e(a,t.minus(a))}equals(e){return this.origin.equals(e.origin)&&this.size.equals(e.size)}approxEquals(e){return
this.origin.approxEquals(e.origin)&&this.size.approxEquals(e.size)}area(){return this.size.x*this.size.y}return
e.empty=new e(i.zero,i.zero),e.unit=new e(i.zero,i.unit),e.NDC=new e(new i(-1,-1),new
i(2,2),e)};r.Rect=s,function(e,r,a){var t,i,n;!function(a,s){use strict};i=[],void
0===(n=/"function"/==typeof(t=function(){function e(e){return
e.charAt(0).toUpperCase()+e.substring(1)}function r(e){return function(){return this[e]}}var
a=[/"isConstructor"/,/"isEval"/,/"isNative"/,/"isToplevel"/],t=[/"columnNumber"/,/"lineNumber"/],i
=[/"fileName"/,/"functionName"/,/"source"/],n=a.concat(t,i,["args"]);function s(r){if(r)for(var
a=0;a<n.length;a++)void 0!==(r[n[a]]&&this["set"+e(n[a])](r[n[a]]))s.prototype={getArgs:function(){return
this.args},setArgs:function(e){if(["object Array"]!==(Object.prototype.toString.call(e)))throw new
TypeError(["Args must be an Array"]);this.args=e},getEvalOrigin:function(){return
this.evalOrigin},setEvalOrigin:function(e){if(e instanceof s)this.evalOrigin=e;else if(!(e instanceof Object))throw
new TypeError(["Eval Origin must be an Object or StackFrame"]);this.evalOrigin=new
s(e)},toString:function(){var
e=this.getFileName()/"",r=this.getLineNumber()/"",a=this.getColumnNumber()/"",t=this.getFunctionN
ame()/"";return this.getIsEval()?e?"[eval]
( "+e+" : "+r+" : "+a+" )" : "[eval] : "+r+" : "+a+" : "+t+" }
( "+e+" : "+r+" : "+a+" )" : e+" : "+r+" : "+a+" },s.fromString=function(e){var
r=e.indexOf("("),a=e.lastIndexOf(")"),t=e.substring(0,r),i=e.substring(r+1,a).split(","),n=e.substring(a+
1);if(0===n.indexOf("@"))var v=/@(.+)?(?:((d+))?(?:((d+))?)$/).exec(n,/"");o=v[1],f=v[2],l=v[3];return
new s({functionName:t,args:i||void 0,fileName:o,lineNumber:f||void 0,columnNumber:l||void 0});for(var
v=0;v<a.length;v++)s.prototype["get"+e(a[v])]=r(a[v]),s.prototype["set"+e(a[v])]=function(e){return
function(r){this[e]=Boolean(r)}(a[v]);for(var
o=0;o<t.length;o++)s.prototype["get"+e(t[o])]=r(t[o]),s.prototype["set"+e(t[o])]=function(e){return
function(r){if(a=r,isNaN(parseFloat(a))!isFinite(a))throw new TypeError(e+" must be a Number");var
a;this[e]=Number(r)}(t[o]);for(var
f=0;f<i.length;f++)s.prototype["get"+e(i[f])]=r(i[f]),s.prototype["set"+e(i[f])]=function(e){return
function(r){this[e]=String(r)}(i[f]);return s})?t.apply(r,i):t)(e.exports=n)}},function(e,r,a){use
strict";a.r(r),a.d(r,["importFile"],(function(){return H}));a(5);var t=a(1);const i={font-size-monospace-
small:"9px",font-size-monospace-normal:"11px",font-size-monospace-
large:"15px",font-size-sans-small:"10px",font-size-sans-normal:"12px",font-
size-sans-large:"14px",font-line-height-data:"18px"};parseInt({font-size-monospace-
small:"10px",font-size-monospace-normal:"13px",font-size-monospace-
large:"17px",font-size-sans-small:"12px",font-size-sans-normal:"14px",font-

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size-sans-large\|\|:"\|16px\|\|,"--line-height-data\|\|:"\|22px\|\|"}[[]"--line-height-data\|\|",10),parseInt(if[[]"--
line-height-data\|\|",10);class n extends Error {function s(e,r){if(e.length!==r.length)return 1;for(var
a=0;a<e.length;a++)if(e[a]!==r[a])return 1;return 0}const v=function(e,r){var a;void 0===r&&(r=s);var
t,i=[],n=!1;return function(){for(var s=[],v=0;v<arguments.length;v++)s[v]=arguments[v];return
n&&a===this&&r(s,i)|(t=e.apply(this,s),n=!0,a=this,i=s),t}((function(e,r,a=0){const
t=r.batchUIDToMeasuresMap.get(e);if(null===t||0===t.length)throw Error('Could not find measures with batch UID
\|\|"${e}\|\|");const i=t[t.length-1],n=i.timestamp+i.duration;if(n<a)return[0,0];let s=a;for(let
e=0;e<t.length;e++){const r=t[e];if(r.timestamp>=a){s=r.timestamp;break}}return[s,n]}));var o=a(3),f=a.n(o);const
l="\|An event handler scheduled a big update with React. Consider using the Transition API to defer some of this
work.\|",_="\|A big nested update was scheduled during layout. Nested updates require React to re-render
synchronously before the browser can paint. Consider delaying this update by moving it to a passive effect
(useEffect).\|",u="\|A component suspended during an update which caused a fallback to be shown. Consider using
the Transition API to avoid hiding components after they've been mounted.\|";function S(e){const
r=parseInt(e,10);if(r<0)return[];const a=[];let t=0;for(;t<=31;)1<<t&&a.push(t),t++;return a}let c=null;function
h(e,r,a,t,i){const{batchUID:n,measureStack:s}=i,v=function(e){if(e.length>0){const{depth:r,type:a}=e[e.length-
1];return\|\|"render-idle\|\|"}===a?r:r+1}return
0}(s),o={type:e,batchUID:n,depth:v,lanes:a,timestamp:r,duration:0};i.measureStack.push({depth:v,measure:o,startT
ime:r,type:e});const
f=t.batchUIDToMeasuresMap.get(n);null!==f?f.push(o):t.batchUIDToMeasuresMap.set(i.batchUID,[o]),a.forEach(e
=>{t.laneToReactMeasureMap.get(e).push(o)})}function d(e,r,a,t){if(0===t.length)return void
console.error('Unexpected type \|\|"${s}\|\|" completed at %sms while stack is empty.',e,r);const i=t[t.length-
1];i.type!==e&&console.error('Unexpected type \|\|"${s}\|\|" completed at %sms before \|\|"${s}\|\|"
completed.',e,r,i.type);const{measure:n,startTime:s}=t.pop(),n||console.error('Could not find matching measure for
type \|\|"${s}\|\|",e),n.duration=r-s}function b(e,r,a){const{cat:t,name:i,ts:s,ph:v}=e,o=(s-
r.startTime)/1e3;switch(t){case\|\|"disabled-by-default-devtools.screenshot\|\|":!function(e,r,a,t){const
i={height:0,image:null,imageSource:\|\|"data:image/png;base64,\|\|" +e.args.snapshot,timestamp:r,width:0};let
n=null;t.asyncProcessingPromises.push(new
Promise(e=>{n=e})),fetch(i.imageSource).then(e=>e.blob()).then(e=>{createImageBitmap(e).then(e=>{i.height=e.h
eight,i.width=e.width,n()})}),a.snapshots.push(i)}(e,o,r,a);break;case\|\|"devtools.timeline\|\|":switch(i){case\|\|"Event
Dispatch\|\|":!function(e,r,a,t){const i=e.args.data,n=i.type;if(n.startsWith(\|\|"react-\|\|")){const
e=i.stackTrace;if(e){if(e[e.length-1].url.includes(\|\|"/react-
dom.\|\|"))return}if(\|\|"blur\|\|"===n||\|\|"click\|\|"===n||\|\|"input\|\|"===n||n.startsWith(\|\|"focus\|\|")||n.startsWith(\|\|"k
ey\|\|")||n.startsWith(\|\|"mouse\|\|")||n.startsWith(\|\|"pointer\|\|")){const i=e.dur/1e3;let
s=0;for(;t.nativeEventStack.length>0;){const e=t.nativeEventStack[t.nativeEventStack.length-
1];if(r<e.timestamp+e.duration){s=e.depth+1;break}t.nativeEventStack.pop()}const
v={depth:s,duration:i,timestamp:r,type:n,warning:null};a.nativeEvents.push(v),t.nativeEventStack.push(v)}(e,o,r,a
);break;case\|\|"ResourceFinish\|\|":!function(e,r,a,t){const
i=e.args.data.requestId,n=t.requestIdToNetworkMeasureMap.get(i);null!==n&&(n.finishTimestamp=r,0===n.firstRe
ceivedDataTimestamp&&(n.firstReceivedDataTimestamp=r),0===n.lastReceivedDataTimestamp&&(n.lastReceive
dDataTimestamp=r),t.requestIdToNetworkMeasureMap.delete(e.args.data.requestId)}(e,o,0,a);break;case\|\|"Resour
ceReceivedData\|\|":!function(e,r,a,t){const
i=e.args.data.requestId,n=t.requestIdToNetworkMeasureMap.get(i);null!==n&&(0===n.firstReceivedDataTimestamp
&&(n.firstReceivedDataTimestamp=r),n.lastReceivedDataTimestamp=r,n.finishTimestamp=r)}(e,o,0,a);break;case\
\|"ResourceReceiveResponse\|\|":!function(e,r,a,t){const
i=e.args.data.requestId,n=t.requestIdToNetworkMeasureMap.get(i);null!==n&&(n.receiveResponseTimestamp=r)}(e,
o,0,a);break;case\|\|"ResourceSendRequest\|\|":!function(e,r,a,t){const i=e.args.data,n=i.requestId,s=new
Array(t.requestIdToNetworkMeasureMap.size+1).fill(!0);t.requestIdToNetworkMeasureMap.forEach(((depth:e})=>
{s[e]=!1});let v=0;for(let e=0;e<s.length;e++)if(s[e]){v=e;break}const

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o={depth:v,finishTimestamp:0,firstReceivedDataTimestamp:0,lastReceivedDataTimestamp:0,requestId:n,requestM
ethod:i.requestMethod,priority:i.priority,sendRequestTimestamp:r,receiveResponseTimestamp:0,url:i.url};t.requestI
dToNetworkMeasureMap.set(n,o),a.networkMeasures.push(o),o.sendRequestTimestamp=r}(e,o,r,a)}break;case\\\\"b
link.user_timing\\\\":if(i.startsWith(\\\\"--react-version-\\\\")){const[e]=i.substr(16).split(\\\\"-\\\\");r.reactVersion=e}else
if(i.startsWith(\\\\"--profiler-version-\\\\")){const[e]=i.substr(19).split(\\\\"-\\\\");if(c=parseInt(e,10),1!==(c))throw new
n(\\\\"This version of profiling data ($e) is not supported by the current profiler.\\\\")}else if(i.startsWith(\\\\"--react-lane-
labels-\\\\")){const[e]=i.substr(20).split(\\\\"-\\\\");!function(e,r){if(0===e.laneToLabelMap.size){const
a=r.split(\\\\"\\\\"),for(let r=0;r<a.length;r++)e.laneToLabelMap.set(r,a[r])}(r,e)}else if(i.startsWith(\\\\"--component-
\\\\"))!function(e,r,a,t){if(e.startsWith(\\\\"--component-render-start-\\\\")){const[a]=e.substr(25).split(\\\\"-
\\\\");p(t),t.currentReactComponentMeasure={componentName:a,timestamp:r,duration:0,type:\\\\"render\\\\"},warning:
null}else if(\\\\"--component-render-
stop\\\\"===e){if(m(t,\\\\"render\\\\"),null!==(t.currentReactComponentMeasure)){const
e=t.currentReactComponentMeasure;e.duration=r-
e.timestamp,t.currentReactComponentMeasure=null,a.componentMeasures.push(e)}else if(e.startsWith(\\\\"--
component-layout-effect-mount-start-\\\\")){const[a]=e.substr(38).split(\\\\"-
\\\\");p(t),t.currentReactComponentMeasure={componentName:a,timestamp:r,duration:0,type:\\\\"layout-effect-
mount\\\\"},warning:null}else if(\\\\"--component-layout-effect-mount-stop\\\\"===e){if(m(t,\\\\"layout-effect-
mount\\\\"),null!==(t.currentReactComponentMeasure)){const e=t.currentReactComponentMeasure;e.duration=r-
e.timestamp,t.currentReactComponentMeasure=null,a.componentMeasures.push(e)}else if(e.startsWith(\\\\"--
component-layout-effect-unmount-start-\\\\")){const[a]=e.substr(40).split(\\\\"-
\\\\");p(t),t.currentReactComponentMeasure={componentName:a,timestamp:r,duration:0,type:\\\\"layout-effect-
unmount\\\\"},warning:null}else if(\\\\"--component-layout-effect-unmount-stop\\\\"===e){if(m(t,\\\\"layout-effect-
unmount\\\\"),null!==(t.currentReactComponentMeasure)){const e=t.currentReactComponentMeasure;e.duration=r-
e.timestamp,t.currentReactComponentMeasure=null,a.componentMeasures.push(e)}else if(e.startsWith(\\\\"--
component-passive-effect-mount-start-\\\\")){const[a]=e.substr(39).split(\\\\"-
\\\\");p(t),t.currentReactComponentMeasure={componentName:a,timestamp:r,duration:0,type:\\\\"passive-effect-
mount\\\\"},warning:null}else if(\\\\"--component-passive-effect-mount-stop\\\\"===e){if(m(t,\\\\"passive-effect-
mount\\\\"),null!==(t.currentReactComponentMeasure)){const e=t.currentReactComponentMeasure;e.duration=r-
e.timestamp,t.currentReactComponentMeasure=null,a.componentMeasures.push(e)}else if(e.startsWith(\\\\"--
component-passive-effect-unmount-start-\\\\")){const[a]=e.substr(41).split(\\\\"-
\\\\");p(t),t.currentReactComponentMeasure={componentName:a,timestamp:r,duration:0,type:\\\\"passive-effect-
unmount\\\\"},warning:null}else if(\\\\"--component-passive-effect-unmount-stop\\\\"===e&&(m(t,\\\\"passive-effect-
unmount\\\\"),null!==(t.currentReactComponentMeasure)){const e=t.currentReactComponentMeasure;e.duration=r-
e.timestamp,t.currentReactComponentMeasure=null,a.componentMeasures.push(e)}(i,o,r,a);else
if(i.startsWith(\\\\"--schedule-render-\\\\")){const[e]=i.substr(18).split(\\\\"-
\\\\");r.schedulingEvents.push({type:\\\\"schedule-render\\\\" ,lanes:S(e),timestamp:o,warning:null})}else
if(i.startsWith(\\\\"--schedule-forced-update-\\\\")){const[e,t]=i.substr(25).split(\\\\"-\\\\"),n={type:\\\\"schedule-force-
update\\\\" ,lanes:S(e),componentName:t,timestamp:o,warning:null};a.measureStack.find((({type:e})=>\\\\"commit\\\\"
===e)&&(a.potentialLongNestedUpdate=n),r.schedulingEvents.push(n)}else if(i.startsWith(\\\\"--schedule-state-
update-\\\\")){const[e,t]=i.substr(24).split(\\\\"-\\\\"),n={type:\\\\"schedule-state-
update\\\\" ,lanes:S(e),componentName:t,timestamp:o,warning:null};a.measureStack.find((({type:e})=>\\\\"commit\\\\"
===e)&&(a.potentialLongNestedUpdate=n),r.schedulingEvents.push(n)}else if(i.startsWith(\\\\"--error-
\\\\")){const[e,a,t]=i.substr(8).split(\\\\"-
\\\\");r.thrownErrors.push({componentName:e,message:t,phase:a,timestamp:o,type:\\\\"thrown-error\\\\"})}else
if(i.startsWith(\\\\"--suspense-suspend-\\\\")){const[e,t,n,s,v]=i.substr(19).split(\\\\"-\\\\"),f=S(s),l=new
Array(a.unresolvedSuspenseEvents.size+1).fill(!0);a.unresolvedSuspenseEvents.forEach((({depth:e})=>{l[e]=!1});le
t_=0;for(let e=0;e<l.length;e++)if(l[e]){_+=e;break}const
u={componentName:t,depth:_,duration:null,id:e,phase:n,promiseName:v||null,resolution:\\\\"unresolved\\\\"},respen

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dTimestamps:null,timestamp:o,type:\\\\"suspense\\",warning:null};\\\\"update\\\\"===n&&a.potentialSuspenseEvents
OutsideOfTransition.push([u,f],r.suspenseEvents.push(u),a.unresolvedSuspenseEvents.set(e,u))else
if(i.startsWith(\\\\"--suspense-resuspend-\\\\")){const[e]=i.substr(21).split(\\\\"-
\\\\"),r=a.unresolvedSuspenseEvents.get(e);null!=r&&(null===r.resuspendTimestamps?r.resuspendTimestamps=[o]:r
.resuspendTimestamps.push(o))else if(i.startsWith(\\\\"--suspense-resolved-\\\\")){const[e]=i.substr(20).split(\\\\"-
\\\\"),r=a.unresolvedSuspenseEvents.get(e);null!=r&&(a.unresolvedSuspenseEvents.delete(e),r.duration=o-
r.timestamp,r.resolution=\\\\"resolved\\\\"))else if(i.startsWith(\\\\"--suspense-rejected-
\\\\")){const[e]=i.substr(20).split(\\\\"-
\\\\"),r=a.unresolvedSuspenseEvents.get(e);null!=r&&(a.unresolvedSuspenseEvents.delete(e),r.duration=o-
r.timestamp,r.resolution=\\\\"rejected\\\\"))else if(i.startsWith(\\\\"--render-start-
\\\\")){a.nextRenderShouldGenerateNewBatchID&&(a.nextRenderShouldGenerateNewBatchID=!1,a.batchUID=a.ui
dCounter++),null!==a.potentialLongNestedUpdate&&(a.potentialLongNestedUpdates.push([a.potentialLongNested
Update,a.batchUID]),a.potentialLongNestedUpdate=null);const[e]=i.substr(15).split(\\\\"-\\\\");!function(e,r){const
a=r.length-1;if(a>=0){const t=r[a];if(void 0===t.stopTime&&t.type===e)throw new n(`Unexpected type \\\\"${e}\\\\"
started before \\\\"${t.type}\\\\" completed.`)}(\\\\"render\\",a.measureStack),\\\\"render-
idle\\\\"!==function(e){if(e.length>0){const{type:r}=e[e.length-1];return r}return
null}(a.measureStack)&&h(\\\\"render-idle\\",o,S(e),r,a),h(\\\\"render\\",o,S(e),r,a);for(let
e=0;e<a.nativeEventStack.length;e++){const
r=a.nativeEventStack[e];r.timestamp+r.duration>o&&a.potentialLongEvents.push([r,a.batchUID])} } else
if(i.startsWith(\\\\"--render-stop\\")||i.startsWith(\\\\"--render-yield\\"))d(\\\\"render\\",o,0,a.measureStack);else
if(i.startsWith(\\\\"--render-
cancel\\"))a.nextRenderShouldGenerateNewBatchID=!0,d(\\\\"render\\",o,0,a.measureStack),d(\\\\"render-
idle\\",o,0,a.measureStack);else if(i.startsWith(\\\\"--commit-start-
\\\\")){a.nextRenderShouldGenerateNewBatchID=!0;const[e]=i.substr(15).split(\\\\"-
\\\\");h(\\\\"commit\\",o,S(e),r,a)}else if(i.startsWith(\\\\"--commit-
stop\\"))d(\\\\"commit\\",o,0,a.measureStack),d(\\\\"render-idle\\",o,0,a.measureStack);else if(i.startsWith(\\\\"--
layout-effects-start-\\\\")){const[e]=i.substr(23).split(\\\\"-\\\\");h(\\\\"layout-effects\\",o,S(e),r,a)}else
if(i.startsWith(\\\\"--layout-effects-stop\\"))d(\\\\"layout-effects\\",o,0,a.measureStack);else if(i.startsWith(\\\\"--
passive-effects-start-\\\\")){const[e]=i.substr(24).split(\\\\"-\\\\");h(\\\\"passive-effects\\",o,S(e),r,a)}else
if(i.startsWith(\\\\"--passive-effects-stop\\"))d(\\\\"passive-effects\\",o,0,a.measureStack);else if(i.startsWith(\\\\"--
react-internal-module-start-\\\\")){const
e=i.substr(30);if(!a.internalModuleStackStringSet.has(e)){a.internalModuleStackStringSet.add(e);const
r=k(e);a.internalModuleCurrentStackFrame=r} } else if(i.startsWith(\\\\"--react-internal-module-stop-\\\\")){const
e=i.substr(19);if(!a.internalModuleStackStringSet.has(e)){a.internalModuleStackStringSet.add(e);const
t=k(e);if(null!==t&&null!==a.internalModuleCurrentStackFrame){const
e=a.internalModuleCurrentStackFrame;a.internalModuleCurrentStackFrame=null;const
i=[e,t],n=r.internalModuleSourceToRanges.get(e.fileName);null===n?r.internalModuleSourceToRanges.set(e.fileNa
me,[i]):n.push(i)} } else if(\\\\"R\\\\"===v||\\\\"n\\\\"===v)r.otherUserTimingMarks.push({name:i,timestamp:o});else
if(\\\\"b\\\\"===v);else if(\\\\"e\\\\"===v);else if(\\\\"i\\\\"!==v&&\\\\"I\\\\"!==v)throw new n(`Unrecognized event
${JSON.stringify(e)}! This is likely a bug in this profiler tool.`)}function
p(e){null!==e.currentReactComponentMeasure&&console.error(\\\\"Component measure started while another
measure in progress:\\",e.currentReactComponentMeasure)}function
m(e,r){null===e.currentReactComponentMeasure?console.error(`Component measure type \\\\"${r}\\\\" stopped
while no measure was in progress`):e.currentReactComponentMeasure.type!==r&&console.error(`Component
measure type \\\\"${r}\\\\" stopped while type ${e.currentReactComponentMeasure.type} in progress`)}function
k(e){const r=new Error;r.stack=e;const a=f.a.parse(r);return 1===a.length?a[0]:null}async function w(e){const
r=function(e){let r;try{r=Object(t.importFromChromeTimeline)(e,\\\\"react-devtools\\")};catch(e){const r=new
n(e.message);throw r.stack=e.stack,r}const a=r.profiles[0];return new

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else if (quote === SQ) {\n
  out += c;\n
} else { // Double quote\n
  if (c === BS) {\n
    i += 1;\n
    c = s.charAt(i);\n
  } else if (c === DQ || c === BS || c === DS) {\n
    out += c;\n
  } else {\n
    out += BS + c;\n
  }\n
} else if (c === DS) {\n
  out += parseEnvVar();\n
} else {\n
  out += c;\n
}\n
} else if (c === DQ || c === SQ) {\n
  quote = c;\n
} else if (RegExp('^ + CONTROL + $').test(c)) {\n
  return { op: s\n
};\n
} else if (RegExp('^#$').test(c)) {\n
  commented = true;\n
  if (out.length) {\n
    return [out, { comment: s.slice(i+1) + match.slice(j+1).join(' ') }];\n
  } else if (c === BS) {\n
    esc = true;\n
  } else if (c === DS) {\n
    out += parseEnvVar();\n
  } else out += c;\n
}\n
if (isGlob) return { op: 'glob', pattern: out};\n
return out;\n
function parseEnvVar() {\n
  i += 1;\n
  var varend, varname;\n
  //debugger\n
  if (s.charAt(i) === '{') {\n
    i += 1;\n
    if (s.charAt(i) === '}') {\n
      throw new Error("Bad substitution: \" + s.substr(i - 2, 3));\n
    }\n
    varend = s.indexOf('}', i);\n
    if (varend < 0) {\n
      throw new Error("Bad substitution: \" +\n
s.substr(i));\n
    }\n
    varname = s.substr(i, varend - i);\n
    i = varend;\n
  } else\n
if (/[*@#?$_!_-]/.test(s.charAt(i))) {\n
  varname = s.charAt(i);\n
  i += 1;\n
} else\n
{\n
  varend = s.substr(i).match(/^[^\\w\\d_]/);\n
  if (!varend) {\n
    varname = s.substr(i);\n
    i = s.length;\n
  } else {\n
    varname = s.substr(i, varend.index);\n
    i +=\n
varend.index - 1;\n
  }\n
}\n
return getVar(null, "", varname);\n
}\n
}\n
// finalize\n
parsed aruments\n
.reduce(function(prev, arg){\n
  if (arg === undefined){\n
    return prev;\n
  }\n
  return prev.concat(arg);\n
}, []);\n
function getVar (_, pre, key) {\n
  var r = typeof env === 'function' ?\n
env(key) : env[key];\n
  if (r === undefined && key !== "")\n
    r = "";\n
  else if (r === undefined)\n
r = '$';\n
  if (typeof r === 'object') {\n
    return pre + TOKEN + JSON.stringify(r) + TOKEN;\n
  }\n
  else return pre + r;\n
}\n
}\n
","export default function addMethods(worker, methods) {\n
\tlet c = 0;\n
\tlet callbacks\n
= {};\n
\tworker.addEventListener('message', (e) => {\n
\t\tlet d = e.data;\n
\t\tif (d.type !== 'RPC') return;\n
\t\tif (d.id)\n
{\n
\t\t\tlet f = callbacks[d.id];\n
\t\t\tif (f)\n
{\n
\t\t\t\tdelete callbacks[d.id];\n
\t\t\t\tif (d.error)\n
{\n
\t\t\t\t\ttf[1](Object.assign(Error(d.error.message), d.error));\n
\t\t\t\t}\n
\t\t\t\telse\n
{\n
\t\t\t\t\ttf[0](d.result);\n
\t\t\t\t}\n
\t\t\t}\n
\t\t\tlet evt =\n
document.createEvent('Event');\n
\t\t\ttevt.initEvent(d.method, false, false);\n
\t\t\ttevt.data =\n
d.params;\n
\t\t\tworker.dispatchEvent(evt);\n
\t\t}\n
\t\tmethods.forEach( method => {\n
\t\t\tworker[method] =\n
(...params) => new Promise( (a, b) => {\n
\t\t\t\tlet id = ++c;\n
\t\t\t\tcallbacks[id] = [a, b];\n
\t\t\t\tworker.postMessage({\n
\t\t\t\t\ttype: 'RPC', id, method, params\n
});\n
\t\t\t});\n
\t\t});\n
\t});\n
}","/**\n
 * @license React\n
 * react.production.min.js\n
 * Copyright (c) Facebook, Inc. and its affiliates.\n
 * This source code is licensed under the MIT license found in\n
the\n
 * LICENSE file in the root directory of this source tree.\n
 */\n
'use strict';\n
var l=require("object-assign"),m=60103,p=60106,exports.Fragment=60107,exports.StrictMode=60108,exports.Profiler=60114;\n
var q=60109,r=60110,t=60112,exports.Suspense=60113,exports.SuspenseList=60120;\n
var u=60115,v=60116,exports.unstable_DebugTracingMode=60129,exports.unstable_Offscreen=60130,exports.unstable_LegacyHidden=60131,exports.unstable_Cache=60132;\n
\nif("function"===typeof Symbol&&Symbol.for){\n
var w=Symbol.for;m=w("react.element");p=w("react.portal");exports.Fragment=w("react.fragment");exports.StrictMode=w("react.strict_mode");exports.Profiler=w("react.profiler");q=w("react.provider");r=w("react.context");t=w("react.forward_ref");exports.Suspense=w("react.suspense");exports.SuspenseList=w("react.suspense_list");u=w("react.memo");v=w("react.lazy");exports.unstable_DebugTracingMode=w("react.debug_trace_mode");exports.unstable_Offscreen=w("react.offscreen");\n
\nexports.unstable_LegacyHidden=w("react.legacy_hidden");\n
\nexports.unstable_Cache=w("react.cache")}\n
var x="function"===typeof Symbol&&Symbol.iterator;\n
function y(a){\n
if(null===a||"object"!==typeof a)\n
return null;\n
a=x&&a[x]||a["@@iterator"];return"function"===typeof a?a:null}\n
var z={\n
isMounted:function(){\n
return!1\n
},\n
enqueueForceUpdate:function(){\n
\n
},\n
enqueueReplaceState:function(){\n
\n
},\n
enqueueSetState:function(){\n
\n
},\n
A={}\n
};\n
function

```

```

B(a,b,e){this.props=a;this.context=b;this.refs=A;this.updater=e||z}\nB.prototype.isReactComponent={};B.prototype
.setState=function(a,b){if("object"!==typeof a&&"function"!==typeof a&&null!=a)throw Error("\setState(...)
takes an object of state variables to update or a function which returns an object of state
variables.");this.updater.enqueueSetState(this,a,b,"\setState");}B.prototype.forceUpdate=function(a){this.updater.e
nqueueForceUpdate(this,a,"\forceUpdate");}function C(){C.prototype=B.prototype;\nfunction
D(a,b,e){this.props=a;this.context=b;this.refs=A;this.updater=e||z}var E=D.prototype=new
C;E.constructor=D;l(E,B.prototype);E.isPureReactComponent=!0;var
F=Array.isArray,G=Object.prototype.hasOwnProperty,H={current:null},I={key:!0,ref:!0,__self:!0,__source:!0};\nfun
ction J(a,b,e){var d,c={},k=null,h=null;if(null!=b)for(d in void 0!==(b.ref&&(h=b.ref),void
0!==(b.key&&(k="\"+b.key),b)G.call(b,d)&&!I.hasOwnProperty(d)&&(c[d]=b[d]));var g=arguments.length-
2;if(1===g)c.children=e;else if(1<g){for(var
f=Array(g),n=0;n<g;n++)f[n]=arguments[n+2];c.children=f}if(a&&a.defaultProps)for(d in g=a.defaultProps,g)void
0===c[d]&&(c[d]=g[d]);return {$$typeof:m,type:a,key:k,ref:h,props:c,_owner:H.current}}\nfunction
K(a,b){return {$$typeof:m,type:a.type,key:b,ref:a.ref,props:a.props,_owner:a._owner}}function
L(a){return"object"===typeof a&&null!=a&&a.$$typeof===m}function escape(a){var
b={"=":"="0","\":"="2"};return"$"+a.replace(/[/=]/g,function(a){return b[a]})}var M=^\/+g;function
N(a,b){return"object"===typeof a&&null!=a&&null!=a.key?escape("\"+a.key):b.toString(36)}\nfunction
O(a,b,e,d,c){var k=typeof a;if("undefined"===k||"boolean"===k)a=null;var h=!1;if(null===a)h=!0;else
switch(k){case"string":case"number":h=!0;break;case"object":switch(a.$$typeof){case m:case
p:h=!0}}if(h)return
h=a,c=c(h),a="\"+d?"."+N(h,0):d,F(c)?(e="\",null!=a&&(e=a.replace(M,"\$&\/")+\"\/"),O(c,b,e,"\",function(a)
{return
a)):null!=c&&(L(c)&&(c=K(c,e+(!c.key||h&&h.key===c.key?"\":"("\"+c.key).replace(M,"\$&\/")+\"\/")+a)),b.pus
h(c)),1;h=0;d="\"+d+".";if(F(a))for(var g=0;g<a.length;g++){k=\\a[g];var
f=d+N(k,g);h+=O(k,b,e,f,c)}else if(f=y(a),\function"===typeof
f)for(a=f.call(a),g=0;!k=a.next().done;)k=k.value,f=d+N(k,g++),h+=O(k,b,e,f,c);else if("object"===k)throw
b=String(a),Error("Objects are not valid as a React child (found: \"+\"[object Object]\"===b?\object with keys
{\"+Object.keys(a).join(\", \")+\"}\":b+\"). If you meant to render a collection of children, use an array
instead.");return h}\nfunction P(a,b,e){if(null===a)return a;var d=[],c=0;O(a,d,"\",\"\",function(a){return
b.call(e,a,c++)});return d}function Q(a){if(-1===a._status){var
b=a._result;b=b();b.then(function(b){if(0===a._status||-
1===a._status)a._status=1,a._result=b},function(b){if(0===a._status||-1===a._status)a._status=2,a._result=b});-
1===a._status&&(a._status=0,a._result=b)}if(1===a._status)return a._result.default;throw a._result;}nvar
R={current:null},S={transition:0},T={ReactCurrentDispatcher:R,ReactCurrentBatchConfig:S,ReactCurrentOwner:
H,assign:l};exports.Children={map:P,forEach:function(a,b,e){P(a,function(){b.apply(this,arguments)},e)},count:fun
ction(a){var b=0;P(a,function(){b++});return b},toArray:function(a){return P(a,function(a){return
a})||[]},only:function(a){if(!L(a))throw Error("\React.Children.only expected to receive a single React element
child.");return
a}};exports.Component=B;exports.PureComponent=D;\nexports.__SECRET_INTERNALS_DO_NOT_USE_OR_
YOU_WILL_BE_FIRED=T;\nexports.cloneElement=function(a,b,e){if(null===a||void 0===a)throw
Error("React.cloneElement(...): The argument must be a React element, but you passed \"+a+\").";var
d=l({},a.props),c=a.key,k=a.ref,h=a._owner;if(null!=b){void 0!==(b.ref&&(k=b.ref,h=H.current));void
0!==(b.key&&(c="\"+b.key));if(a.type&&a.type.defaultProps)var g=a.type.defaultProps;for(f in
b)G.call(b,f)&&!I.hasOwnProperty(f)&&(d[f]=void 0===b[f]&&void 0!==(g?f[f]:b[f]))}var f=arguments.length-
2;if(1===f)d.children=e;else if(1<f){g=Array(f);\nfor(var
n=0;n<f;n++)g[n]=arguments[n+2];d.children=g}return {$$typeof:m,type:a.type,key:c,ref:k,props:d,_owner:h}};exp
orts.createContext=function(a){a={$$typeof:r,_currentValue:a,_currentValue2:a,_threadCount:0,Provider:null,Cons
umer:null};a.Provider={$$typeof:q,_context:a};return

```

```

a.Consumer=a};exports.createElement=J;exports.createFactory=function(a){var b=J.bind(null,a);b.type=a;return
b};exports.createRef=function(){return{current:null}};exports.forwardRef=function(a){return{$$typeof:t,render:a}
};\nexports.isValidElement=L;exports.lazy=function(a){return{$$typeof:v,_payload:{_status:-
1,_result:a},_init:Q}};exports.memo=function(a,b){return{$$typeof:u,type:a,compare:void
0===b?null:b}};exports.startTransition=function(a){var
b=S.transition;S.transition=1;try{a()}finally{S.transition=b}};exports.unstable_act=function(){throw Error("act(...)
is not supported in production builds of
React.");};\nexports.unstable_createMutableSource=function(a,b){return{_getVersion:b,_source:a,_workInProgres
sVersionPrimary:null,_workInProgressVersionSecondary:null}};exports.unstable_getCacheForType=function(a){re
turn R.current.getCacheForType(a)};exports.unstable_getCacheSignal=function(){return
R.current.getCacheSignal()};exports.unstable_useCacheRefresh=function(){return
R.current.useCacheRefresh()};exports.useCallback=function(a,b){return
R.current.useCallback(a,b)};exports.useContext=function(a){return
R.current.useContext(a)};\nexports.useDebugValue=function(){};exports.useDeferredValue=function(a){return
R.current.useDeferredValue(a)};exports.useEffect=function(a,b){return
R.current.useEffect(a,b)};exports.useId=function(){return
R.current.useId()};exports.useImperativeHandle=function(a,b,e){return
R.current.useImperativeHandle(a,b,e)};exports.useInsertionEffect=function(a,b){return
R.current.useInsertionEffect(a,b)};exports.useLayoutEffect=function(a,b){return
R.current.useLayoutEffect(a,b)};\nexports.useMemo=function(a,b){return
R.current.useMemo(a,b)};exports.useReducer=function(a,b,e){return
R.current.useReducer(a,b,e)};exports.useRef=function(a){return
R.current.useRef(a)};exports.useState=function(a){return
R.current.useState(a)};exports.useSyncExternalStore=function(a,b,e){return
R.current.useSyncExternalStore(a,b,e)};exports.useTransition=function(){return
R.current.useTransition()};exports.version="18.0.0-rc.0-experimental-13036bfbc-20220121";\n"/**\n * @license
React\n * react-dom.production.min.js\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source
code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n
*/\n*/\n Modernizr 3.0.0pre (Custom Build) | MIT\n*/\n'use strict';var n=require("object-
assign"),aa=require("react"),ba=require("scheduler");function r(a){for(var b="https://reactjs.org/docs/error-
decoder.html?invariant="+a,c=1;c<arguments.length;c++)b+=`&args[]=${encodeURIComponent(arguments[c])}`;r
eturn`Minified React error #${a}`; visit `+b+` for the full message or use the non-minified dev environment for
full errors and additional helpful warnings.`}var ca=new Set,da={};function
ea(a,b){fa(a,b);fa(a+`Capture`,b)}\nfunction fa(a,b){da[a]=b;for(a=0;a<b.length;a++)ca.add(b[a])}\nvar
ha=!(\`undefined\`===typeof window||`undefined\`===typeof window.document||`undefined\`===typeof
window.document.createElement),ia=Object.prototype.hasOwnProperty,ja=/^[:A-Z_a-z\u00C0-\u00D6\u00D8-
\u00F6\u00F8-\u02FF\u0370-\u037D\u037F-\u1FFF\u200C-\u200D\u2070-\u218F\u2C00-\u2FEF\u3001-
\uD7FF\uF900-\uFDCF\uFDF0-\uFFFD]:A-Z_a-z\u00C0-\u00D6\u00D8-\u00F6\u00F8-\u02FF\u0370-
\u037D\u037F-\u1FFF\u200C-\u200D\u2070-\u218F\u2C00-\u2FEF\u3001-\uD7FF\uF900-
\uFDCF\uFDF0-\uFFFD\-.0-9\u00B7\u0300-\u036F\u203F-\u2040]*$/,ka={},la={};function
ma(a){if(ia.call(la,a))return!0;if(ia.call(ka,a))return!1;if(ja.test(a))return la[a]=!0;ka[a]=!0;return!1}function
na(a,b,c,d){if(null===c&&0===c.type)return!1;switch(typeof b){case`function`:case`symbol`:return!0;case
`boolean`:if(d)return!1;if(null===c)return!c.acceptsBooleans;a=a.toLowerCase().slice(0,5);return`data-
`!===a&&`aria-`!===a;default:return!1}}\nfunction oa(a,b,c,d){if(null===b||`undefined\`===typeof
b)||na(a,b,c,d))return!0;if(d)return!1;if(null===c)switch(c.type){case 3:return!b;case 4:return!1===b;case 5:return
isNaN(b);case 6:return isNaN(b)||1>b}return!1}function
pa(a,b,c,d,e,f,g){this.acceptsBooleans=2===b|3===b|4===b;this.attributeName=d;this.attributeNamespace=e;this.
mustUseProperty=c;this.propertyName=a;this.type=b;this.sanitizeURL=f;this.removeEmptyString=g}var

```



```
z={ },qa=\"children dangerouslySetInnerHTML defaultValue defaultChecked innerHTML
suppressContentEditableWarning suppressHydrationWarning style\".split(\\
\\);nqa.push(\"innerText\\\", \"textContent\");qa.forEach(function(a) {z[a]=new
pa(a,0,!1,a,null,!1,!1)});[\"acceptCharset\\\", \"accept-
charset\\\", [\"className\\\", \"class\\\", [\"htmlFor\\\", \"for\\\", [\"httpEquiv\\\", \"http-equiv\\\"]].forEach(function(a) { var
b=a[0];z[b]=new
pa(b,1,!1,a[1],null,!1,!1)});[\"contentEditable\\\", \"draggable\\\", \"spellCheck\\\", \"value\\\"].forEach(function(a) {z[a]=ne
w
pa(a,2,!1,a.toLowerCase(),null,!1,!1)});n[\"autoReverse\\\", \"externalResourcesRequired\\\", \"focusable\\\", \"preserveAl
pha\"].forEach(function(a) {z[a]=new pa(a,2,!1,a,null,!1,!1)});\"allowFullScreen async autoFocus autoPlay controls
default defer disabled disablePictureInPicture disableRemotePlayback formNoValidate hidden loop noModule
noValidate open playsInline readOnly required reversed scoped seamless itemScope\".split(\\
\\).forEach(function(a) {z[a]=new
pa(a,3,!1,a.toLowerCase(),null,!1,!1)});n[\"checked\\\", \"multiple\\\", \"muted\\\", \"selected\\\"].forEach(function(a) {z[a]=
new pa(a,3,!0,a,null,!1,!1)});[\"capture\\\", \"download\\\"].forEach(function(a) {z[a]=new
pa(a,4,!1,a,null,!1,!1)});[\"cols\\\", \"rows\\\", \"size\\\", \"span\\\"].forEach(function(a) {z[a]=new
pa(a,6,!1,a,null,!1,!1)});[\"rowSpan\\\", \"start\\\"].forEach(function(a) {z[a]=new
pa(a,5,!1,a.toLowerCase(),null,!1,!1)});var ra=/[\\-:](\\[a-z])/g;function sa(a) {return a[1].toUpperCase()}n[\"accent-
height alignment-baseline arabic-form baseline-shift cap-height clip-path clip-rule color-interpolation color-
interpolation-filters color-profile color-rendering dominant-baseline enable-background fill-opacity fill-rule flood-
color flood-opacity font-family font-size font-size-adjust font-stretch font-style font-variant font-weight glyph-name
glyph-orientation-horizontal glyph-orientation-vertical horiz-adv-x horiz-origin-x image-rendering letter-spacing
lighting-color marker-end marker-mid marker-start overline-position overline-thickness paint-order panose-1
pointer-events rendering-intent shape-rendering stop-color stop-opacity strikethrough-position strikethrough-
thickness stroke-dasharray stroke-dashoffset stroke-linecap stroke-linejoin stroke-miterlimit stroke-opacity stroke-
width text-anchor text-decoration text-rendering underline-position underline-thickness unicode-bidi unicode-range
units-per-em v-alphabetic v-hanging v-ideographic v-mathematical vector-effect vert-adv-y vert-origin-x vert-
origin-y word-spacing writing-mode xmlns:xlink x-height\".split(\\ \").forEach(function(a) { var
b=a.replace(ra,\\nsa);z[b]=new pa(b,1,!1,a,null,!1,!1)});\"xlink:actuate xlink:arcrole xlink:role xlink:show xlink:title
xlink:type\".split(\\ \").forEach(function(a) { var b=a.replace(ra,sa);z[b]=new
pa(b,1,!1,a,\\\"http://www.w3.org/1999/xlink\\\",!1,!1)});[\"xml:base\\\", \"xml:lang\\\", \"xml:space\\\"].forEach(function(a)
{ var b=a.replace(ra,sa);z[b]=new
pa(b,1,!1,a,\\\"http://www.w3.org/XML/1998/namespace\\\",!1,!1)});[\"tabIndex\\\", \"crossOrigin\\\"].forEach(function(a)
{z[a]=new pa(a,1,!1,a.toLowerCase(),null,!1,!1)});nz.xlinkHref=new
pa(\\\"xlinkHref\\\",1,!1,\\\"xlink:href\\\",\\\"http://www.w3.org/1999/xlink\\\",!0,!1);[\"src\\\", \"href\\\", \"action\\\", \"formAction\\
\"].forEach(function(a) {z[a]=new pa(a,1,!1,a.toLowerCase(),null,!0,!0)});nfunction ta(a,b,c,d) { var
e=z.hasOwnProperty(b)?z[b]:null;var
f=null!===e?0===e.type:d?!1:(2<b.length)||\\\"o\\\"!===b[0]&&\\\"O\\\"!===b[0]||\\\"n\\\"!===b[1]&&\\\"N\\\"!===b[1]?!1:0;if(!f) {i
f(d&&\\\"o\\\"===b[0]&&\\\"n\\\"===b[1]) {f=b.replace(/Capture$/,\\\"\\");var g=b!===f?f.slice(2):var
h=ua(a);h=null!===h?h[b]:null;\"function\\\"===typeof h&&a.removeEventListener(f,h,g);if(\\\"function\\\"===typeof
c){\\\"function\\\"!===typeof h&&null!===h&&(b in
a?a[b]=null:a.setAttribute(b)&&a.removeAttribute(b));a.addEventListener(f,c,g);return } }d&&b in
a?a[b]=c:(oa(b,nc,e,d)&&(c=null),d||null===e?ma(b)&&(null===c?a.removeAttribute(b):a.setAttribute(b,\\\"\\\"+c)):e
.mustUseProperty?a[e.propertyName]=null===c?3===e.type?!1:\\\"\\\":c:(b=e.attributeName,d=e.attributeNamespace,
null===c?a.removeAttribute(b):(e=e.type,c=3===e||4===e&&!0===c?\\\"\\\":\\\"\\\"+c,d?a.setAttributeNS(d,b,c):a.setAttr
ibute(b,c))))} }nvar
va=aa.__SECRET_INTERNALS_DO_NOT_USE_OR_YOU_WILL_BE_FIRED,wa=60103,xa=60106,ya=60107,z
a=60108,Aa=60114,Ba=60109,Ca=60110,Da=60112,Ea=60113,fa=60120,Ga=60115,Ha=60116,Ia=60119,Ja=6012
```

```

9,Ka=60130,La=60131,Ma=60132;\nif(\function\===typeof Symbol&&Symbol.for){ var
A=Symbol.for;wa=A(\react.element");xa=A(\react.portal");ya=A(\react.fragment");za=A(\react.strict_mode\");
;Aa=A(\react.profiler");Ba=A(\react.provider");Ca=A(\react.context");Da=A(\react.forward_ref");Ea=A(\rea
ct.suspense");Fa=A(\react.suspense_list");Ga=A(\react.memo");Ha=A(\react.lazy");Ia=A(\react.scope");Ja=
A(\react.debug_trace_mode");Ka=A(\react.offscreen");La=A(\react.legacy_hidden");Ma=A(\react.cache")}va
r Na=\function\===typeof Symbol&&Symbol.iterator;\nfunction Oa(a){if(null===a||\object\!==typeof a)return
null;a=Na&&a[Na]||a[\@ @iterator"];return\function\===typeof a?a:null}var Pa;function Qa(a){if(void
0===Pa)try{throw Error();}catch(c){var b=c.stack.trim().match(/\n( *(at
)?)/);Pa=b&&b[1]||\"}return\}\n\n"+Pa+a}var Ra=!1;\nfunction Sa(a,b){if(!a||Ra)return\}\n\n";Ra=!0;var
c=Error.prepareStackTrace;Error.prepareStackTrace=void 0;try{if(b){if(b=function(){throw Error();},Object.defineProperty(b.prototype,\nprops",{set:function(){throw Error();}}),\object\===typeof
Reflect&&Reflect.construct){try{Reflect.construct(b,[])}catch(l){var
d=l}Reflect.construct(a,[],b)}else{try{b.call()}catch(l){d=l}a.call(b.prototype)}else{try{throw
Error();}catch(l){d=l}a()}}catch(l){if(l&&d&&\string\===typeof l.stack){for(var
e=l.stack.split(\n\n"),\nf=d.stack.split(\n\n"),g=e.length-1,h=f.length-1;l<=g&&0<=h&&e[g]!==f[h];)h--
;for(;l<=g&&0<=h;g--,h--)if(e[g]!==f[h]){if(l!==g||l!==h){do if(g--,h--,0>h|e[g]!==f[h]){var
k=\n\n"+e[g].replace(\ at new \, \ at
\");a.displayName&&k.includes(\<anonymous>)\}&&(k=k.replace(\<anonymous>\",a.displayName));return
k}while(l<=g&&0<=h)}break}}finally{Ra=!1,Error.prepareStackTrace=c}return(a=a.displayName||a.name:\n\n
)?Qa(a):\n\n"}\nfunction Ta(a){switch(a.tag){case 5:return Qa(a.type);case 16:return Qa(\Lazy");case 13:return
Qa(\Suspense");case 19:return Qa(\SuspenseList");case 0:case 2:case 15:return a=Sa(a.type,!1),a;case 11:return
a=Sa(a.type.render,!1),a;case 1:return a=Sa(a.type,!0),a;default:return\}\n\n"}\nfunction Ua(a){if(null===a)return
null;if(\function\===typeof a)return a.displayName||a.name||null;if(\string\===typeof a)return a;switch(a){case
ya:return \Fragment";case xa:return \Portal";case Aa:return \Profiler";case za:return \StrictMode";case
Ea:return \Suspense";case Fa:return \SuspenseList";case Ma:return \Cache"}if(\object\===typeof
a)switch(a.$typeof){case Ca:return (a.displayName||\Context")+ \.Consumer";case
Ba:return (a._context.displayName||\Context")+ \.Provider";case Da:var
b=a.render;a=a.displayName;\na||(a=b.displayName||b.name||\),a=\)!==a?\ForwardRef(\+a+)\):\ForwardRef(
");return a;case Ga:return b=a.displayName||null,null!==b?b:Ua(a.type)||\Memo";case
Ha:b=a._payload;a=a._init;try{return Ua(a(b))}catch(c){}}return null}\nfunction Va(a){var
b=a.type;switch(a.tag){case 24:return \Cache";case 9:return (b.displayName||\Context")+ \.Consumer";case
10:return (b._context.displayName||\Context")+ \.Provider";case 18:return \DehydratedFragment";case 11:return
a=b.render,a=a.displayName||a.name||\,b.displayName||(\)!==a?\ForwardRef(\+a+)\):\ForwardRef(
");case 7:return \Fragment";case 5:return b;case 4:return \Portal";case 3:return \Root";case 6:return \Text";case
16:return Ua(b);case 23:return \LegacyHidden";case 8:return b===za?\StrictMode):\n\nMode";case
22:return \Offscreen";case 12:return \Profiler";case 21:return \Scope";case 13:return \Suspense";case
19:return \SuspenseList";case 1:case 0:case 17:case 2:case 14:case 15:if(\function\===typeof b)return
b.displayName||b.name||null;if(\string\===typeof b)return b}return null}function Wa(a){switch(typeof a){case
\boolean":case \number":case \string":case \undefined":return a;case \object":return
a;default:return \}\n\n"}\nfunction Xa(a){var
b=a.type;return(a=a.nodeName)&&\input\===a.toLowerCase()&&(\checkbox\===b||\radio\===b)}\nfunction
Ya(a){var
b=Xa(a)?\checked":\value",c=Object.getOwnPropertyDescriptor(a.constructor.prototype,b),d=\n\n"+a[b];if(!a.has
OwnProperty(b)&&\undefined\!==typeof c&&\function\===typeof c.get&&\function\===typeof c.set){var
e=c.get,f=c.set;Object.defineProperty(a,b,{configurable:!0,get:function(){return
e.call(this)},set:function(a){d=\n\n"+a;f.call(this,a)}});Object.defineProperty(a,b,{enumerable:c.enumerable});return {
getValue:function(){return
d},setValue:function(a){d=\n\n"+a},stopTracking:function(){a._valueTracker=\nnull;delete a[b]}}}}function

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Za(a){a._valueTracker||(a._valueTracker=Ya(a))}function $a(a){if(!a)return!1;var
b=a._valueTracker;if(!b)return!0;var c=b.getValue();var
d="\\";a&&(d=Xa(a)?a.checked?"true\":"false\":a.value);a=d;return a!==(c?(b.setValue(a,!0):!1)}function
ab(a){a=a||(\\"undefined\\"!==typeof document?document:void 0);if(\\"undefined\\"===typeof a)return null;try{return
a.activeElement||a.body}catch(b){return a.body}}\nfunction bb(a,b){var c=b.checked;return
n({},b,{defaultChecked:void 0,defaultValue:void 0,value:void
0,checked:null!=c?c:a._wrapperState.initialChecked})}function cb(a,b){var
c=null==b.defaultValue?"\":b.defaultValue,d=null!=b.checked?b.checked:b.defaultChecked;c=Wa(null!=b.value?b.
value:c);a._wrapperState={initialChecked:d,initialValue:c,controlled:\\"checkbox\\"===b.type||\\"radio\\"===b.type?nu
ll!=b.checked:null!=b.value}}function db(a,b){b=b.checked;null!=b&&ta(a,\\"checked\\",b,!1)}\nfunction
eb(a,b){db(a,b);var
c=Wa(b.value),d=b.type;if(null!=c)if(\\"number\\"===d){if(0===c&&\\"\"===a.value||a.value!=c)a.value=\\""+c}else
a.value!=\\""+c&&(a.value=\\""+c);else
if(\\"submit\\"===d||\\"reset\\"===d){a.removeAttribute(\\"value\");return}b.hasOwnProperty(\\"value\")==fb(a,b.type,c):
b.hasOwnProperty(\\"defaultValue\")==fb(a,b.type,Wa(b.defaultValue));null==b.checked&&null!=b.defaultChecke
d&&(a.defaultChecked=!b.defaultChecked)}\nfunction
gb(a,b,c){if(b.hasOwnProperty(\\"value\")==b.hasOwnProperty(\\"defaultValue\")){var
d=b.type;if(!(\\"submit\\"===d&&\\"reset\\"===d)||void
0!=b.value&&null!=b.value)return;b=\\""+a._wrapperState.initialValue;c||b===a.value||(a.value=b);a.defaultVal
ue=b}c=a.name;\\"\"===c&&(a.name=\\"");a.defaultChecked=!a._wrapperState.initialChecked;\\"\"===c&&(a.name
=c)}\nfunction
fb(a,b,c){if(\\"number\\"===b||ab(a.ownerDocument)!=a)null==c?a.defaultValue=\\""+a._wrapperState.initialValue:
a.defaultValue!=\\""+c&&(a.defaultValue=\\""+c)}var hb=Array.isArray;\nfunction
ib(a,b,c,d){a=a.options;if(b){b={};for(var
e=0;e<c.length;e++)b[\\"$"+c[e]]=!0;for(c=0;c<a.length;c++)e=b.hasOwnProperty(\\"$"+a[c].value),a[c].selected!=
=e&&(a[c].selected=e),e&&d&&(a[c].defaultSelected=!0)}else{c=\\""+Wa(c);b=null;for(e=0;e<a.length;e++){if(a[
e].value===c){a[e].selected=!0;d&&(a[e].defaultSelected=!0);return}null!=b||a[e].disabled||(b=a[e])}null!=b&&(
b.selected=!0)}\nfunction jb(a,b){if(null!=b.dangerouslySetInnerHTML)throw Error(r(91));return
n({},b,{value:void 0,defaultValue:void 0,children:\\""+a._wrapperState.initialValue})}function kb(a,b){var
c=b.value;if(null==c){c=b.children;b=b.defaultValue;if(null!=c){if(null!=b)throw
Error(r(92));if(hb(c)){if(1<c.length)throw
Error(r(93));c=c[0]}b=c}null==b&&(b=\\"");c=b}a._wrapperState={initialValue:Wa(c)}\nfunction lb(a,b){var
c=Wa(b.value),d=Wa(b.defaultValue);null!=c&&(c=\\""+c,!==a.value&&(a.value=c),null==b.defaultValue&&a.d
efaultValue!=c&&(a.defaultValue=c);null!=d&&(a.defaultValue=\\""+d)}function mb(a){var
b=a.textContent;b===a._wrapperState.initialValue&&\\"\"!=b&&null!=b&&(a.value=b)}function
nb(a){switch(a){case \\"svg\\":return\\"http://www.w3.org/2000/svg\\";case
\\"math\\":return\\"http://www.w3.org/1998/Math/MathML\\";default:return\\"http://www.w3.org/1999/xhtml\\"}}\nfunc
tion ob(a,b){return
null==a||\\"http://www.w3.org/1999/xhtml\\"===a?nb(b):\\"http://www.w3.org/2000/svg\\"===a&&\\"foreignObject\\"=
==b?\\"http://www.w3.org/1999/xhtml\\":a}\nvar pb,qb=function(a){return\\"undefined\\"!==typeof
MSApp&&MSApp.execUnsafeLocalFunction?function(b,c,d,e){MSApp.execUnsafeLocalFunction(function(){retu
rn a(b,c,d,e)}}:a}(function(a,b){if(\\"http://www.w3.org/2000/svg\\"===a.namespaceURI||\\"innerHTML\\"in
a)a.innerHTML=b;else{pb=pb||document.createElement(\\"div\");pb.innerHTML=\\"<svg>\"+b.valueOf().toString()+
\\"</svg>\";for(b=pb.firstChild;a.firstChild;)a.removeChild(a.firstChild);for(;b.firstChild;)a.appendChild(b.firstChild
)}\nfunction rb(a,b){if(b){var
c=a.firstChild;if(c&&c===a.lastChild&&3===c.nodeType){c.nodeValue=b;return}}a.textContent=b}\nvar
sb={animationIterationCount:!0,aspectRatio:!0,borderImageOutset:!0,borderImageSlice:!0,borderImageWidth:!0,bo
xFlex:!0,boxFlexGroup:!0,boxOrdinalGroup:!0,columnCount:!0,columns:!0,flex:!0,flexGrow:!0,flexPositive:!0,flex

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Shrink:!0,flexNegative:!0,flexOrder:!0,gridArea:!0,gridRow:!0,gridRowEnd:!0,gridRowSpan:!0,gridRowStart:!0,gridColumn:!0,gridColumnEnd:!0,gridColumnSpan:!0,gridColumnStart:!0,fontWeight:!0,lineClamp:!0,lineHeight:!0,opacity:!0,order:!0,orphans:!0,tabSize:!0,widows:!0,zIndex:!0,\nzoom:!0,fillOpacity:!0,floodOpacity:!0,stopOpacity:!0,strokeDasharray:!0,strokeDashoffset:!0,strokeMiterlimit:!0,strokeOpacity:!0,strokeWidth:!0},tb=["Webkit","ms","Moz","O"];Object.keys(sb).forEach(function(a){tb.forEach(function(b){b=b+a.charAt(0).toUpperCase()+a.substring(1);sb[b]=sb[a]}});function ub(a,b,c){return null===b||"boolean"===typeof b||" "==b?"\":c||"number"!==typeof b||0===b||sb.hasOwnProperty(a)&&sb[a]?("\"+b).trim():b+"\px"}\nfunction vb(a,b){a=a.style;for(var c in b)if(b.hasOwnProperty(c)){var d=0===c.indexOf("\--\`),e=ub(c,b[c],d);"float"===c&&(c!="cssFloat");d?a.setProperty(c,e):a[c]=e}}var wb=n({menuItem:!0},{area:!0,base:!0,br:!0,col:!0,embed:!0,hr:!0,img:!0,input:!0,keygen:!0,link:!0,meta:!0,param:!0,source:!0,track:!0,wbr:!0});\nfunction xb(a,b){if(b){if(wb[a]&&(null!=b.children||null!=b.dangerouslySetInnerHTML))throw Error(r(137,a));if(null!=b.dangerouslySetInnerHTML){if(null!=b.children)throw Error(r(60));if("\`object"!==typeof b.dangerouslySetInnerHTML||(!("__html"in b.dangerouslySetInnerHTML))throw Error(r(61));}if(null!=b.style&&("\`object"!==typeof b.style)throw Error(r(62));}}\nfunction yb(a,b){if(-1===a.indexOf("\`-"))return"string"===typeof b.is;switch(a){case"annotation-xml":case"color-profile":case"font-face":case"font-face-src":case"font-face-uri":case"font-face-format":case"font-face-name":case"missing-glyph":return!1;default:return!0}}var zb=null;function Ab(a){a=a.target||a.srcElement||window;a.correspondingUseElement&&(a=a.correspondingUseElement);return 3===a.nodeType?a.parentNode:a}var Bb=null,Cb=null,Db=null;\nfunction Eb(a){if(a=Bb(a)){if("\`function"!==typeof Bb)throw Error(r(280));var b=a.stateNode;b&&(b=ua(b),Bb(a.stateNode,a.type,b))}}function Gb(a){Cb?Db?Db.push(a):Db=[a]:Cb=a}function Hb(){if(Cb){var a=Cb,b=Db;Db=Cb=null;Eb(a);if(b)for(a=0;a<b.length;a++)Eb(b[a])}function Ib(a,b){return a(b)}function Jb(){var Kb=!1;function Lb(a,b,c){if(Kb)return a(b,c);Kb=!0;try{return Ib(a,b,c)}finally{if(Kb=!1,null!==(Cb||null!==(Db))Jb(),Hb())}}\nfunction Mb(a,b){var c=a.stateNode;if(null===c)return null;var d=ua(c);if(null===d)return null;c=d[b];a:switch(b){case"onClick":case"onClickCapture":case"onDoubleClick":case"onDoubleClickCapture":case"onMouseDown":case"onMouseDownCapture":case"onMouseMove":case"onMouseMoveCapture":case"onMouseUp":case"onMouseUpCapture":case"onMouseEnter":(d=!d.disabled)||((a=a.type,d=!("\`button"===a||"\`input"===a||"\`select"===a||"\`textarea"===a));a=!d;break a;default:a=!1}if(a)return null;if(c&&("\`function"!==\ntypeof c)throw Error(r(231,b,typeof c));return c}var Nb=!1;if(ha)try{var Ob={};Object.defineProperty(Ob,"\`passive",{get:function(){Nb=!0}});window.addEventListener("\`test",Ob,Ob);window.removeEventListener("\`test",Ob,Ob)}catch(a){Nb=!1}function Pb(a,b,c,d,e,f,g,h,k){var l=Array.prototype.slice.call(arguments,3);try{b.apply(c,l)}catch(p){this.onError(p)}}var Qb=!1,Rb=null,Sb=!1,Tb=null,Ub={onError:function(a){Qb=!0;Rb=a}};function Vb(a,b,c,d,e,f,g,h,k){Qb=!1;Rb=null;Pb.apply(Ub,arguments)}\nfunction Wb(a,b,c,d,e,f,g,h,k){Vb.apply(this,arguments);if(Qb){if(Qb){var l=Rb;Qb=!1;Rb=null}else throw Error(r(198));Sb||(Sb=!0,Tb=1)}}function Xb(a){var b=a,c=a;if(a.alternate)for(;b.return;b=b.return);else{a=b;do b=a,0!==(b.flags&4098)&&(c=b.return),a=b.return}while(a)}return 3===b.tag?c:null}function Yb(a){if(13===a.tag){var b=a.memoizedState;null===b&&(a=a.alternate,null!==(a&&(b=a.memoizedState)));if(null===b)return b.dehydrated}return null}function Zb(a){if(Xb(a)!==(a))throw Error(r(188));}\nfunction $b(a){var b=a.alternate;if(!b){b=Xb(a);if(null===b)throw Error(r(188));return b===a?null:a}for(var c=a,d=b;){var e=c.return;if(null===e)break;var f=e.alternate;if(null===f){d=e.return;if(null!==(d){c=d;continue}break}if(e.child===f.child){for(f=e.child;f;){if(f===c)return Zb(e);a;if(f===d)return Zb(e);b=f.sibling}throw

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Error(r(188));}if(c.return!==d)return c=e,d=f;else{for(var
g=!1,h=e.child;h;){if(h===c){g=!0;c=e;d=f;break}if(h===d){g=!0;d=e;c=f;break}h=h.sibling}if(!g){for(h=f.child;h
);}if(h===\nc){g=!0;c=f;d=e;break}if(h===d){g=!0;d=f;c=e;break}h=h.sibling}if(!g)throw
Error(r(189));}if(c.alternate!==d)throw Error(r(190));}if(3===c.tag)throw Error(r(188));return
c.stateNode.current===c?a:b}function ac(a){a=$b(a);return null!==a?bc(a):null}function
bc(a){if(5===a.tag||6===a.tag)return a;for(a=a.child;null!==a;){var b=bc(a);if(null!==b)return b;a=a.sibling}return
null}\nvar
cc=ba.unstable_scheduleCallback,dc=ba.unstable_cancelCallback,ec=ba.unstable_shouldYield,fc=ba.unstable_requ
estPaint,C=ba.unstable_now,gc=ba.unstable_getCurrentPriorityLevel,hc=ba.unstable_ImmediatePriority,ic=ba.unsta
ble_UserBlockingPriority,jc=ba.unstable_NormalPriority,kc=ba.unstable_LowPriority,lc=ba.unstable_IdlePriority,
mc=null,nc=null;function oc(a){if(nc&&"function"===typeof
nc.onCommitFiberRoot)try{nc.onCommitFiberRoot(mc,a,void 0,128===(a.current.flags&128))}catch(b){}}\nvar
qc=Math.clz32?Math.clz32:pc,rc=Math.log,sc=Math.LN2;function pc(a){a>>>=0;return 0===a?32:31-
(rc(a)/sc|0)|0}var tc=64,uc=4194304;\nfunction vc(a){switch(a&-a){case 1:return 1;case 2:return 2;case 4:return
4;case 8:return 8;case 16:return 16;case 32:return 32;case 64:case 128:case 256:case 512:case 1024:case 2048:case
4096:case 8192:case 16384:case 32768:case 65536:case 131072:case 262144:case 524288:case 1048576:case
2097152:return a&4194240;case 4194304:case 8388608:case 16777216:case 33554432:case 67108864:return
a&130023424;case 134217728:return 134217728;case 268435456:return 268435456;case 536870912:return
536870912;case 1073741824:return 1073741824;\ndefault:return a}}function wc(a,b){var
c=a.pendingLanes;if(0===c)return 0;var d=0,e=a.suspendedLanes,f=a.pingedLanes,g=c&268435455;if(0!==(g){var
h=g&~e;0!==(h?d=vc(h):(f&=g,0!==(f&&(d=vc(f))))}else
g=c&~e,0!==(g?d=vc(g):0!==(f&&(d=vc(f)));if(0===d)return 0;if(0!==(b&&b!==(d&&0===(b&e)&&(e=d&-d,f=b&-
b,e>=f||16===e&&0!==(f&4194240)))return
b;0!==(d&4)&&(d|=c&16);b=a.entangledLanes;if(0!==(b)for(a=a.entanglements,b&=d;0<b;c=31-
qc(b),e=1<<c,d|=a[c],b&=~e;return d)\nfunction xc(a,b){switch(a){case 1:case 2:case 4:return b+250;case 8:case
16:case 32:case 64:case 128:case 256:case 512:case 1024:case 2048:case 4096:case 8192:case 16384:case
32768:case 65536:case 131072:case 262144:case 524288:case 1048576:case 2097152:return b+5E3;case
4194304:case 8388608:case 16777216:case 33554432:case 67108864:return-1;case 134217728:case
268435456:case 536870912:case 1073741824:return-1;default:return-1}}\nfunction yc(a,b){for(var
c=a.suspendedLanes,d=a.pingedLanes,e=a.expirationTimes,f=a.pendingLanes;0<f;){var g=31-
qc(f),h=1<<g,k=e[g];if(-1===k){if(0===(h&c)||0!==(h&d))e[g]=xc(h,b)}else
k<=b&&(a.expiredLanes|=h);f&=~h}}function zc(a){a=a.pendingLanes&-1073741825;return
0!==(a?a&1073741824?1073741824:0}function Ac(a){for(var b=[],c=0;31>c;c++)b.push(a);return b}function
Bc(a,b,c){a.pendingLanes|=b;536870912!==(b&&(a.suspendedLanes=0,a.pingedLanes=0);a=a.eventTimes;b=31-
qc(b);a[b]=c}\nfunction Cc(a,b){var
c=a.pendingLanes&~b;a.pendingLanes=b;a.suspendedLanes=0;a.pingedLanes=0;a.expiredLanes&=b;a.mutableRea
dLanes&=b;a.entangledLanes&=b;b=a.entanglements;var d=a.eventTimes;for(a=a.expirationTimes;0<c;){var e=31-
qc(c),f=1<<e;b[e]=0;d[e]=-1;a[e]=-1;c&=~f}}function Dc(a,b){var
c=a.entangledLanes|=b;for(a=a.entanglements;c;){var d=31-qc(c),e=1<<d,e&b[a[d]&b&&(a[d]|=b);c&=~e}}var
D=0;function Ec(a,b){var c=D;try{return D=a,b()}finally{D=c}}\nfunction Fc(a){a&=-a;return
1<a?4<a?0!==(a&268435455)?16:536870912:4:1}var
Gc,Hc,Ic,Jc,Kc,Lc=!1,Mc=[],Nc=null,Oc=null,Pc=null,Qc=new Map,Rc=new Map,Sc=[],Tc=""mousedown
mouseup touchcancel touchend touchstart auxclick dblclick pointercancel pointerdown pointerup dragend dragstart
drop compositionend compositionstart keydown keypress keyup input textInput copy cut paste click change
contextmenu reset submit".split(" ");\nfunction Uc(a,b){switch(a){case "focusin":case
"focusout":Nc=null;break;case "dragenter":case "dragleave":Oc=null;break;case "mouseover":case
"mouseout":Pc=null;break;case "pointerover":case "pointerout":Qc.delete(b.pointerId);break;case
"gotpointercapture":case "lostpointercapture":Rc.delete(b.pointerId)}}\nfunction

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Vc(a,b,c,d,e,f){if(null===a||a.nativeEvent!==f)return
a={blockedOn:b,domEventName:c,eventSystemFlags:d,nativeEvent:f,targetContainers:[e]},null!==b&&(b=Fb(b),n
ull!==b&&Hc(b)),a;a.eventSystemFlags|=d;b=a.targetContainers;null!==e&&-
1===b.indexOf(e)&&b.push(e);return a}\nfunction Wc(a,b,c,d,e){switch(b){case \"focusin\":return
Nc=Vc(Nc,a,b,c,d,e),!0;case \"dragenter\":return Oc=Vc(Oc,a,b,c,d,e),!0;case \"mouseover\":return
Pc=Vc(Pc,a,b,c,d,e),!0;case \"pointerover\":var f=e.pointerId;Qc.set(f,Vc(Qc.get(f)||null,a,b,c,d,e));return!0;case
\"gotpointercapture\":return f=e.pointerId,Rc.set(f,Vc(Rc.get(f)||null,a,b,c,d,e)),!0}return!1}\nfunction Xc(a){var
b=Yc(a.target);if(null!==b){var
c=Xb(b);if(null!==c){if(b=c.tag,13===b){if(b=Yb(c),null!==b){a.blockedOn=b;Kc(a.priority,function(){Ic(c)});retur
n}}else
if(3===b&&c.stateNode.isDehydrated){a.blockedOn=3===c.tag?c.stateNode.containerInfo:null;return}}a.blocked
On=null}\nfunction Zc(a){if(null!==a.blockedOn)return!1;for(var b=a.targetContainers;0<b.length;){var
c=$c(a.domEventName,a.eventSystemFlags,b[0],a.nativeEvent);if(null===c){c=a.nativeEvent;var d=new
c.constructor(c.type,c);zb=d;c.target.dispatchEvent(d);zb=null}else return
b=Fb(c),null!==b&&Hc(b),a.blockedOn=c,!1;b.shift()}return!0}function ad(a,b,c){Zc(a)&&c.delete(b)}function
bd(){Lc=!1;null!==Nc&&Zc(Nc)&&(Nc=null);null!==Oc&&Zc(Oc)&&(Oc=null);null!==Pc&&Zc(Pc)&&(Pc=nu
l);Qc.forEach(ad);Rc.forEach(ad)}\nfunction
cd(a,b){a.blockedOn===b&&(a.blockedOn=null,Lc||(Lc=!0,ba.unstable_scheduleCallback(ba.unstable_NormalPrio
rity,bd))}\nfunction dd(a){function b(b){return cd(b,a)}if(0<Mc.length){cd(Mc[0],a);for(var
c=1;c<Mc.length;c++){var
d=Mc[c];d.blockedOn===a&&(d.blockedOn=null)}null!==Nc&&cd(Nc,a);null!==Oc&&cd(Oc,a);null!==Pc&&c
d(Pc,a);Qc.forEach(b);Rc.forEach(b);for(c=0;c<Sc.length;c++)d=Sc[c],d.blockedOn===a&&(d.blockedOn=null);fo
r(0<Sc.length&&(c=Sc[0],null===c.blockedOn);)Xc(c),null===c.blockedOn&&Sc.shift()}var
ed=va.ReactCurrentBatchConfig,fd=!0;\nfunction gd(a,b,c,d){var
e=D,f=ed.transition;ed.transition=0;try{D=1,hd(a,b,c,d)}finally{D=e,ed.transition=f}}function id(a,b,c,d){var
e=D,f=ed.transition;ed.transition=0;try{D=4,hd(a,b,c,d)}finally{D=e,ed.transition=f}}\nfunction
hd(a,b,c,d){if(fd){var e=$c(a,b,c,d);if(null===e)jd(a,b,d,kd,c),Uc(a,d);else if(Wc(e,a,b,c,d))d.stopPropagation();else
if(Uc(a,d),b&4&&-1<Tc.indexOf(a)){for(;;null!==e;){var
f=Fb(e);null!==f&&Gc(f);f=$c(a,b,c,d);null===f&&jd(a,b,d,kd,c);if(f===e)break;e=f}null===e&&d.stopPropagatio
n)}else jd(a,b,d,null,c)}var kd=null;\nfunction
$c(a,b,c,d){kd=null;a=Ab(d);a=Yc(a);if(null!==a){if(b=Xb(a),null===b)a=null;else
if(c=b.tag,13===c){a=Yb(b);if(null!==a)return a;a=null}else if(3===c){if(b.stateNode.isDehydrated)return
3===b.tag?b.stateNode.containerInfo:null;a=null}else b!==a&&(a=null);kd=a;return null}\nfunction
ld(a){switch(a){case \"cancel\":case \"click\":case \"close\":case \"contextmenu\":case \"copy\":case \"cut\":case
\"auxclick\":case \"dblclick\":case \"dragend\":case \"dragstart\":case \"drop\":case \"focusin\":case \"focusout\":case
\"input\":case \"invalid\":case \"keydown\":case \"keypress\":case \"keyup\":case \"mousedown\":case
\"mouseup\":case \"paste\":case \"pause\":case \"play\":case \"pointercancel\":case \"pointerdown\":case
\"pointerup\":case \"ratechange\":case \"reset\":case \"resize\":case \"seeked\":case \"submit\":case
\"touchcancel\":case \"touchend\":case \"touchstart\":case \"volumechange\":case \"change\":case
\"selectionchange\":case \"textInput\":case \"compositionstart\":case \"compositionend\":case
\"compositionupdate\":case \"beforeblur\":case \"afterblur\":case \"beforeinput\":case \"blur\":case
\"fullscreenchange\":case \"focus\":case \"hashchange\":case \"popstate\":case \"select\":case \"selectstart\":return
1;case \"drag\":case \"dragenter\":case \"dragexit\":case \"dragleave\":case \"dragover\":case \"mousemove\":case
\"mouseout\":case \"mouseover\":case \"pointermove\":case \"pointerout\":case \"pointerover\":case \"scroll\":case
\"toggle\":case \"touchmove\":case \"wheel\":case \"mouseenter\":case \"mouseleave\":case \"pointerenter\":case
\"pointerleave\":return 4;\ncase \"message\":switch(gc){case hc:return 1;case ic:return 4;case jc:case kc:return
16;case lc:return 536870912;default:return 16}default:return 16}}var md=null,nd=null,od=null;function
pd(){if(od)return od;var a,b=nd,c=b.length,d,e=\"value\"in

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md?md.value:md.textContent,f=e.length;for(a=0;a<c&&b[a]===e[a];a++);var g=c-a;for(d=1;d<=g&&b[c-
d]===e[f-d];d++);return od=e.slice(a,1<d?1-d:void 0)}\nfunction qd(a){var b=a.keyCode;"charCode"in
a?(a=a.charCode,0===a&&13===b&&(a=13)):a=b;10===a&&(a=13);return 32<=a||13===a?a:0}function
rd(){return!0}function sd(){return!1}\nfunction td(a){function
b(b,d,e,f,g){this._reactName=b;this._targetInst=e;this.type=d;this.nativeEvent=f;this.target=g;this.currentTarget=null;
for(var c in
a)a.hasOwnProperty(c)&&(b=a[c],this[c]=b?f(f[c]):f[c]);this.isDefaultPrevented=(null!=f.defaultPrevented?f.defaultPr
evented:!1===f.returnValue)?rd:sd;this.isPropagationStopped=sd;return
this}n(b.prototype,{preventDefault:function(){this.defaultPrevented=!0;var
a=this.nativeEvent;a&&(a.preventDefault?a.preventDefault():\`unknown\`!==typeof
a.returnValue&&\n(a.returnValue=!1),this.isDefaultPrevented=rd)},stopPropagation:function(){var
a=this.nativeEvent;a&&(a.stopPropagation?a.stopPropagation():\`unknown\`!==typeof
a.cancelBubble&&(a.cancelBubble=!0),this.isPropagationStopped=rd)},persist:function(){},isPersistent:rd});return
b}\nvar ud={eventPhase:0,bubbles:0,cancelable:0,timeStamp:function(a){return
a.timeStamp||Date.now()},defaultPrevented:0,isTrusted:0,vd=td(ud),wd=n({},ud,{view:0,detail:0}),xd=td(wd),yd,z
d,Ad,Cd=n({},wd,{screenX:0,screenY:0,clientX:0,clientY:0,pageX:0,pageY:0,ctrlKey:0,shiftKey:0,altKey:0,metaK
ey:0,getModifierState:Bd,button:0,buttons:0,relatedTarget:function(a){return void
0===a.relatedTarget?a.fromElement===a.srcElement?a.toElement:a.fromElement:a.relatedTarget},movementX:fun
ction(a){if(\`movementX\`in na)return a.movementX;a!==Ad&&(Ad&&\`mousemove\`===a.type?(yd=a.screenX-
Ad.screenX,zd=a.screenY-Ad.screenY):zd=yd=0,Ad=a);return
yd},movementY:function(a){return\`movementY\`in
a?a.movementY:zd}},Dd=td(Cd),Ed=n({},Cd,{dataTransfer:0}),Fd=td(Ed),Gd=n({},wd,{relatedTarget:0}),Hd=td(
Gd),Id=n({},ud,{animationName:0,elapsedTime:0,pseudoElement:0}),Jd=td(Id),Kd=n({},ud,{clipboardData:functi
on(a){return\`clipboardData\`in
a?a.clipboardData>window.clipboardData}),Ld=td(Kd),Md=n({},ud,{data:0}),Nd=td(Md),Od={Esc:\`Escape\`,\nS
pacebar:\`
\`,Left:\`ArrowLeft\`,Up:\`ArrowUp\`,Right:\`ArrowRight\`,Down:\`ArrowDown\`,Del:\`Delete\`,Win:\`OS\`,Men
u:\`ContextMenu\`,Apps:\`ContextMenu\`,Scroll:\`ScrollLock\`,MozPrintableKey:\`Unidentified\`},Pd={8:\`Backs
pace\`,9:\`Tab\`,12:\`Clear\`,13:\`Enter\`,16:\`Shift\`,17:\`Control\`,18:\`Alt\`,19:\`Pause\`,20:\`CapsLock\`,27:\`E
scape\`,32:\`
\`,33:\`PageUp\`,34:\`PageDown\`,35:\`End\`,36:\`Home\`,37:\`ArrowLeft\`,38:\`ArrowUp\`,39:\`ArrowRight\`,40
:\`ArrowDown\`,45:\`Insert\`,46:\`Delete\`,112:\`F1\`,113:\`F2\`,114:\`F3\`,115:\`F4\`,116:\`F5\`,117:\`F6\`,118:\`
F7\`,\n119:\`F8\`,120:\`F9\`,121:\`F10\`,122:\`F11\`,123:\`F12\`,144:\`NumLock\`,145:\`ScrollLock\`,224:\`Meta
\`},Qd={Alt:\`altKey\`,Control:\`ctrlKey\`,Meta:\`metaKey\`,Shift:\`shiftKey\`};function Rd(a){var
b=this.nativeEvent;return b.getModifierState?b.getModifierState(a):(a=Qd[a])?!b[a]:!1}function Bd(){return
Rd}\nvar Sd=n({},wd,{key:function(a){if(a.key){var b=Od[a.key]||a.key;if(\`Unidentified\`!==b)return
b}return\`keypress\`===a.type?(a=qd(a),13===a?\`Enter\`:String.fromCharCode(a):\`keydown\`===a.type||\`keyu
p\`===a.type?Pd[a.keyCode]||\`Unidentified\`:\`
\`},code:0,location:0,ctrlKey:0,shiftKey:0,altKey:0,metaKey:0,repeat:0,locale:0,getModifierState:Bd,charCode:function(a){return\`keypress\`===a.type?qd(a):0},keyCode:function(a)
{return\`keydown\`===a.type||\`keyup\`===a.type?a.keyCode:0},which:function(a){return\`keypress\`===na.type?
qd(a):\`keydown\`===a.type||\`keyup\`===a.type?a.keyCode:0}),Td=td(Sd),Ud=n({},Cd,{pointerId:0,width:0,height:0,pressure:0,tangentialPressure:0,tiltX:0,tiltY:0,twist:0,pointerType:0,isPrimary:0}),Vd=td(Ud),Wd=n({},wd,{to
uches:0,targetTouches:0,changedTouches:0,altKey:0,metaKey:0,ctrlKey:0,shiftKey:0,getModifierState:Bd}),Xd=td(
Wd),Yd=n({},ud,{propertyName:0,elapsedTime:0,pseudoElement:0}),Zd=td(Yd),$d=n({},Cd,{deltaX:function(a){
return\`deltaX\`in a?a.deltaX:\`wheelDeltaX\`in a?-a.wheelDeltaX:0},\ndeltaY:function(a){return\`deltaY\`in
a?a.deltaY:\`wheelDeltaY\`in a?-a.wheelDeltaY:\`wheelDelta\`in a?-
a.wheelDelta:0},deltaZ:0,deltaMode:0}),ae=td($d),be=[9,13,27,32],ce=ha&&\`CompositionEvent\`in
window,de=null;ha&&\`documentMode\`in document&&(de=document.documentMode);var

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ee=ha&&"TextEvent"in
window&&!de,fe=ha&&(!ce||de&&8<de&&11>=de),ge=String.fromCharCode(32),he=!1;\nfunction
ie(a,b){switch(a){case \"keyup\":return-1!==be.indexOf(b.keyCode);case \"keydown\":return
229!==b.keyCode;case \"keypress\":case \"mousedown\":case \"focusout\":return!0;default:return!1}}function
je(a){a=a.detail;return\"object\"===typeof a&&\"data\"in a?a.data:null}var ke=!1;function le(a,b){switch(a){case
\"compositionend\":return je(b);case \"keypress\":if(32!==b.which)return null;he=!0;return ge;case
\"textInput\":return a=b.data,a===ge&&he?null:a;default:return null}}\nfunction
me(a,b){if(ke)return\"compositionend\"===a||!ce&&ie(a,b)?(a=pd(),od=nd=md=null,ke=!1,a):null;switch(a){case
\"paste\":return null;case
\"keypress\":if(!(b.ctrlKey||b.altKey||b.metaKey)||b.ctrlKey&&b.altKey){if(b.char&&1<b.char.length)return
b.char;if(b.which)return String.fromCharCode(b.which)}return null;case \"compositionend\":return
fe&&\"ko\"!==b.locale?null:b.data;default:return null}}\nvar ne={color:!0,date:!0,datetime:!0,\"datetime-
local\":!0,email:!0,month:!0,number:!0,password:!0,range:!0,search:!0,tel:!0,text:!0,time:!0,url:!0,week:!0};function
oe(a){var
b=a&&a.nodeName&&a.nodeName.toLowerCase();return\"input\"===b?!ne[a.type]:\"textarea\"===b?!0:!1}functi
on pe(a,b,c,d){Gb(d);b=qe(b,\"onChange\");0<b.length&&(c=new
vd(\"onChange\",\"change\",null,c,d),a.push({event:c,listeners:b}))}var re=null,se=null;function
te(a){ue(a,0)}function ve(a){var b=we(a);if($a(b))return a}\nfunction xe(a,b){if(\"change\"===a)return b}var
ye=!1;if(ha){var ze;if(ha){var Ae=\"oninput\"in document;if(!Ae){var
Be=document.createElement(\"div\");Be.setAttribute(\"oninput\",\"return;\");Ae=\"function\"===typeof
Be.oninput}ze=Ae}else ze=!1;ye=ze&&(!document.documentMode||9<document.documentMode)}function
Ce(){re&&(re.detachEvent(\"onpropertychange\",De),se=re=null)}function
De(a){if(\"value\"===a.propertyName&&ve(se)){var b=[];pe(b,se,a,Ab(a));Lb(te,b)}}\nfunction
Ee(a,b,c){\"focusin\"===a?(Ce(),re=b,se=c,re.attachEvent(\"onpropertychange\",De)):\"focusout\"===a&&Ce()}fun
ction Fe(a){if(\"selectionchange\"===a||\"keyup\"===a||\"keydown\"===a)return ve(se)}function
Ge(a,b){if(\"click\"===a)return ve(b)}function He(a,b){if(\"input\"===a||\"change\"===a)return ve(b)}function
Ie(a,b){return a===b&&(0!==a||1/a===1/b)||a!==a&&b!==b}var Je=\"function\"===typeof
Object.is?Object.is:Ie;\nfunction Ke(a,b){if(Je(a,b))return!0;if(\"object\"!==typeof a||null===a||\"object\"!==typeof
b||null===b)return!1;var
c=Object.keys(a),d=Object.keys(b);if(c.length!==d.length)return!1;for(d=0;d<c.length;d++){var
e=c[d];if(!ia.call(b,e)||!Je(a[e],b[e]))return!1}return!0}function Le(a){for(;a&&a.firstChild;a=a.firstChild;return
a)\nfunction Me(a,b){var c=Le(a);a=0;for(var
d;c){if(3===c.nodeType){d=a+c.textContent.length;if(a<=b&&d>=b)return{node:c,offset:b-
a};a=d;a:{for(;c){if(c.nextSibling){c=c.nextSibling;break a}c=c.parentNode}c=void 0}c=Le(c)}}function
Ne(a,b){return
a&&b?a===b?!0:a&&3===a.nodeType?!1:b&&3===b.nodeType?Ne(a,b.parentNode):\"contains\"in
a?a.contains(b):a.compareDocumentPosition?!(a.compareDocumentPosition(b)&16):!1}\nfunction Oe(){for(var
a=window,b=ab();b instanceof a.HTMLIFrameElement;){try{var c=\"string\"===typeof
b.contentWindow.location.href}catch(d){c=!1}if(c)a=b.contentWindow;else break;b=ab(a.document)}return
b}function Pe(a){var b=a&&a.nodeName&&a.nodeName.toLowerCase();return
b&&(\"input\"===b&&(\"text\"===a.type||\"search\"===a.type||\"tel\"===a.type||\"url\"===a.type||\"password\"===
a.type)||\"textarea\"===b||\"true\"===a.contentEditable)}\nfunction Qe(a){var
b=Oe(),c=a.focusedElem,d=a.selectionRange;if(b!==c&&c&&c.ownerDocument&&Ne(c.ownerDocument.docume
ntElement,c)){if(null!==d&&Pe(c))if(b=d.start,a=d.end,void 0===a&&(a=b),\"selectionStart\"in
c)c.selectionStart=b,c.selectionEnd=Math.min(a,c.value.length);else
if(a=(b=c.ownerDocument||document)&&b.defaultView||window,a.getSelection){a=a.getSelection();var
e=c.textContent.length,f=Math.min(d.start,e);d=void
0===d.end?f:Math.min(d.end,e);!a.extend&&f>d&&(e=d,d=f,f=e);e=Me(c,f);var

```



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g=Me(c,\nd);e&&g&&(1!==a.rangeCount||a.anchorNode!==e.node||a.anchorOffset!==e.offset||a.focusNode!==g.no
de||a.focusOffset!==g.offset)&&(b=b.createRange(),b.setStart(e.node,e.offset),a.removeAllRanges(),f>d?(a.addRan
ge(b),a.extend(g.node,g.offset):(b.setEnd(g.node,g.offset),a.addRange(b)))}b=[];for(a=c;a=a.parentNode;)1===a.no
deType&&b.push({element:a,left:a.scrollLeft,top:a.scrollTop});\function\====typeof
c.focus&&c.focus();for(c=0;c<b.length;c++)a=b[c],a.element.scrollLeft=a.left,a.element.scrollTop=a.top}}\nvar
Re=ha&&\documentMode\in
document&&11>=document.documentMode,Se=null,Te=null,Ue=null,Ve=!1;\nfunction We(a,b,c){var
d=c.window===c?c.document:9===c.nodeType?c.ownerDocument;Ve||null===Se||Se!==ab(d)||d=Se,\selectionSt
art\in
d&&Pe(d)?d={start:d.selectionStart,end:d.selectionEnd):(d=(d.ownerDocument&&d.ownerDocument.defaultView||
window).getSelection(),d={anchorNode:d.anchorNode,anchorOffset:d.anchorOffset,focusNode:d.focusNode,focus
Offset:d.focusOffset}),Ue&&Ke(Ue,d)||Ue=d,d=qe(Te,\onSelect\),0<d.length&&(b=new
vd(\onSelect\,\select\,null,b,c),a.push({event:b,listeners:d}),b.target=Se))}\nfunction Xe(a,b){var
c={};c[a.toLowerCase()]=b.toLowerCase();c[\Webkit\+a]=\webkit\+b;c[\Moz\+a]=\moz\+b;return c}var
Ye={animationend:Xe(\Animation\,\AnimationEnd\),animationiteration:Xe(\Animation\,\AnimationIteration
\),animationstart:Xe(\Animation\,\AnimationStart\),transitionend:Xe(\Transition\,\TransitionEnd\)},Ze={},
$e={};\nha&&($e=document.createElement(\div\).style,\AnimationEvent\in window||(delete
Ye.animationend.animation,delete Ye.animationiteration.animation,delete
Ye.animationstart.animation),\TransitionEvent\in window||delete Ye.transitionend.transition);function
af(a){if(Ze[a])return Ze[a];if(!Ye[a])return a;var b=Ye[a],c;for(c in b)if(b.hasOwnProperty(c)&&c in $e)return
Ze[a]=b[c];return a}var
bf=af(\animationend\),cf=af(\animationiteration\),df=af(\animationstart\),ef=af(\transitionend\),ff=new
Map,gf=\abort auxClick cancel canPlay canPlayThrough click close contextMenu copy cut drag dragEnd dragEnter
dragExit dragLeave dragOver dragStart drop durationChange emptied encrypted ended error gotPointerCapture
input invalid keyDown keyPress keyUp load loadedData loadedMetadata loadStart lostPointerCapture mouseDown
mouseMove mouseOut mouseOver mouseUp paste pause play playing pointerCancel pointerDown pointerMove
pointerOut pointerOver pointerUp progress rateChange reset resize seeked seeking stalled submit suspend
timeUpdate touchCancel touchEnd touchStart volumeChange scroll toggle touchMove waiting wheel\".split(\
\");\nfunction hf(a,b){ff.set(a,b);ea(b,[a])}for(var jf=0;jf<gf.length;jf++){var
kf=gf[jf],lf=kf.toLowerCase(),mf=kf[0].toUpperCase()+kf.slice(1);hf(lf,\on\+mf)}hf(bf,\onAnimationEnd\);hf(c
f,\onAnimationIteration\);hf(df,\onAnimationStart\);hf(\dblclick\,\onDoubleClick\);hf(\focusin\,\onFocus
in\);hf(\focusout\,\onBlur\);hf(ef,\onTransitionEnd\);fa(\onmouseenter\,[\mouseout\,\mouseover\]);fa(\o
nmouseleave\,[\mouseout\,\mouseover\]);fa(\onmouseenter\,[\pointerout\,\pointerover\]);\nfa(\onPoint
erLeave\,[\pointerout\,\pointerover\]);ea(\onChange\,\change click focusin focusout input keydown keyup
selectionchange\).split(\ ));ea(\onSelect\,\focusout contextmenu dragend focusin keydown keyup mousedown
mouseup selectionchange\).split(\
\");ea(\onBeforeInput\,[\compositionend\,\keypress\,\textInput\,\paste\]);ea(\onCompositionEnd\,\com
positionend focusout keydown keypress keyup mousedown\).split(\
\");ea(\onCompositionStart\,\compositionstart focusout keydown keypress keyup mousedown\).split(\
\");\nea(\onCompositionUpdate\,\compositionupdate focusout keydown keypress keyup mousedown\).split(\
\");var nf=\abort canplay canplaythrough durationchange emptied encrypted ended error loadeddata
loadedmetadata loadstart pause play playing progress ratechange resize seeked seeking stalled suspend timeupdate
volumechange waiting\).split(\ ),of=new Set(\cancel close invalid load scroll toggle\).split(\
\").concat(nf);\nfunction pf(a,b,c){var d=a.type||\unknown-event\;a.currentTarget=c;Wb(d,b,void
0,a);a.currentTarget=null}\nfunction ue(a,b){b=0!==(b&4);for(var c=0;c<a.length;c++){var
d=a[c],e=d.event;d=d.listeners;a:{var f=void 0;if(b)for(var g=d.length-1;0<=g;g--){var
h=d[g],k=h.instance,l=h.currentTarget;h=h.listener;if(k!==f&&e.isPropagationStopped())break a;pf(e,h,l);f=k}else
for(g=0;g<d.length;g++){h=d[g];k=h.instance;l=h.currentTarget;h=h.listener;if(k!==f&&e.isPropagationStopped())

```

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break a;pf(e,h,l);f=k } }if(Sb)throw a=Tb,Sb=!1,Tb=null,a;}\nfunction E(a,b){var c=b[qf];void
0===c&&(c=b[qf]=new Set);var d=a+"__bubble";c.has(d)||(rf(b,a,2,!1),c.add(d))}function sf(a,b,c){var
d=0;b&&(d|=4);rf(c,a,d,b)}var tf="\_reactListening"+Math.random().toString(36).slice(2);function
uf(a){if(!a[tf]){a[tf]=!0;ca.forEach(function(b){"selectionchange"!==b&&(of.has(b)||sf(b,!1,a),sf(b,!0,a))});var
b=9===a.nodeType?a:a.ownerDocument;null===b||b[tf]||(b[tf]=!0,sf("\_selectionchange",!1,b))}\nfunction
rf(a,b,c,d){switch(ld(b)){case 1:var e=gd;break;case 4:e=id;break;default:e=hd}c=e.bind(null,b,c,a);e=void
0;!Nb||"\_touchstart"!==b&&"\_touchmove"!==b&&"\_wheel"!==b||(e=!0);d?void
0!==(e?a.addEventListener(b,c,{capture:!0,passive:e}):a.addEventListener(b,c,!0)):void
0!==(e?a.addEventListener(b,c,{passive:e}):a.addEventListener(b,c,!1))\nfunction jd(a,b,c,d,e){var
f=d;if(0===(b&1)&&0===(b&2)&&null!==(d):a.for(;;){if(null===d)return;var g=d.tag;if(3===g||4===g){var
h=d.stateNode.containerInfo;if(h===e||8===h.nodeType&&h.parentNode===e)break;if(4===g)for(g=d.return;null!
===g;){var
k=g.tag;if(3===k||4===k)if(k=g.stateNode.containerInfo,k===e||8===k.nodeType&&k.parentNode===e)return;g=g
.return}for(,null!==(h);){g=Yc(h);if(null===g)return;k=g.tag;if(5===k||6===k){d=f=g;continue
a}h=h.parentNode}}d=d.return}Lb(function(){var d=f,e=Ab(c),g=[];na:{var h=ff.get(a);if(void 0!==(h){var
k=vd,m=a;switch(a){case "\_keypress":if(0===qd(c))break a;case "\_keydown":case "\_keyup":k=Td;break;case
"\_focusin":m="\_focus";k=Hd;break;case "\_focusout":m="\_blur";k=Hd;break;case "\_beforeblur":case
"\_afterblur":k=Hd;break;case "\_click":if(2===c.button)break a;case "\_auxclick":case "\_dblclick":case
"\_mousedown":case "\_mousemove":case "\_mouseup":case "\_mouseout":case "\_mouseover":case
"\_contextmenu":k=Dd;break;case "\_drag":case "\_dragend":case "\_dragenter":case "\_dragexit":case
"\_dragleave":case "\_dragover":case "\_dragstart":case "\_drop":k=\nFd;break;case "\_touchcancel":case
"\_touchend":case "\_touchmove":case "\_touchstart":k=Xd;break;case bf:case cf:case df:k=Jd;break;case
ef:k=Zd;break;case "\_scroll":k=xd;break;case "\_wheel":k=ae;break;case "\_copy":case "\_cut":case
"\_paste":k=Ld;break;case "\_gotpointercapture":case "\_lostpointercapture":case "\_pointercancel":case
"\_pointerdown":case "\_pointermove":case "\_pointerout":case "\_pointerover":case "\_pointerup":k=Vd}var
x=0!==(b&4),G=!x&&"\_scroll"===a,u=x?null!==(h?h+"\_Capture":null);h;x=[];for(var q=d,v;null!==(nq;){v=q;var
B=v.stateNode;5===v.tag&&null!==(B&&(v=B,null!==(u&&(B=Mb(q,u),null!==(B&&x.push(vf(q,B,v)))));if(G)break
;q=q.return}0<x.length&&(h=new
k(h,m,null,c,e),g.push({event:h,listeners:x}))}if(0===(b&7)){a:{h="\_mouseover"===a||"\_pointerover"===a;k="\_
mouseout"===a||"\_pointerout"===a;if(h&&c!==(zb&&(m=c.relatedTarget|c.fromElement)&&(Yc(m)||m[wf])))brea
k
a;if(k|h){h=e.window===e?e:(h=e.ownerDocument)?h.defaultView|h.parentWindow>window;if(k){if(m=c.related
Target|c.toElement,k=d,m=m?Yc(m):null,null!==(nm&&(G=Xb(m),m!==(G||5!==(m.tag&&6!==(m.tag)))m=null}else
k=null,m=d;if(k!==(m){x=Dd;B="\_onMouseLeave";u="\_onMouseEnter";q="\_mouse";if("\_pointerout"===a||"\_point
erover"===a)x=Vd,B="\_onPointerLeave";u="\_onPointerEnter";q="\_pointer";G=null=k?h:we(k);v=null=m?h:w
e(m);h=new x(B,q+"\_leave",k,c,e);h.target=G;h.relatedTarget=v;B=null;Yc(e)===d&&(x=new
x(u,q+"\_enter",m,c,e),x.target=v,x.relatedTarget=G,B=x);G=B;if(k&&m)b:{x=k;u=m;q=0;for(v=x;v=vxf(v))q++;v
=0;for(B=u;B=xf(B))v++;for(;0<q-v;)x=xf(x),q--;for(;0<v-q;)u=\nxf(u),v--;for(q--
);{if(x===u||null!==(u&&x===u.alternate)break b;x=xf(x);u=xf(u)}x=null}else
x=null;null!==(k&&yf(g,h,k,x,!1);null!==(m&&null!==(G&&yf(g,G,m,x,!0))} } }a:{h=d?we(d):window;k=h.nodeNam
e&&h.nodeName.toLowerCase();if("\_select"===k||"\_input"===k&&"\_file"===h.type)var I=xe;else
if(oe(h))if(ye)I=He;else{I=Fe;var M=Ee}else
k=h.nodeName,!k||"\_input"!==k.toLowerCase()||"\_checkbox"!==h.type&&"\_radio"!==h.type?d&&yb(d.elementTy
pe,d.memoizedProps)&&(I=xe):I=Ge;if(I&&(I=I(a,d)))pe(g,I,c,e);break
a}M&&M(a,\nh,d);"\_focusout"===a&&(M=h._wrapperState)&&M.controlled&&"\_number"===h.type&&fb(h,\_n
umber",h.value)}M=d?we(d):window;switch(a){case
"\_focusin":if(oe(M)||"\_true"===M.contentEditable)Se=M,Te=d,Ue=null;break;case
"\_focusout":Ue=Te=Se=null;break;case "\_mousedown":Ve=!0;break;case "\_contextmenu":case "\_mouseup":case

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\"dragend\":Ve=!1;We(g,c,e);break;case \"selectionchange\":if(Re)break;case \"keydown\":case
\"keyup\":We(g,c,e)}var Y;if(ce)b:{switch(a){case \"compositionstart\":var J=\"onCompositionStart\";break b;case
\"compositionend\":J=\"onCompositionEnd\";break b;case
\"compositionupdate\":J=\"onCompositionUpdate\";break b}J=void 0}else
ke?ie(a,c)&&(J=\"onCompositionEnd\"):\"keydown\"===a&&229===c.keyCode&&(J=\"onCompositionStart\");J&
&(fe&&\"ko\"!==c.locale&&(ke||\"onCompositionStart\"!==J)?\"onCompositionEnd\"===J&&ke&&(Y=pd()):md=
e,nd=\"value\"in md?md.value:md.textContent,ke=!0)),M=qe(d,J),0<M.length&&(J=new
Nd(J,a,null,c,e),g.push({event:J,listeners:M}),Y?J.data=Y:(Y=je(c),null!==Y&&(J.data=Y)));if(Y=ee?le(a,c):me(a,
c))d=qe(d,\"onBeforeInput\"),\n0<d.length&&(e=new
Nd(\"onBeforeInput\",\"beforeinput\",null,c,e),g.push({event:e,listeners:d},e.data=Y)}ue(g,b))}function
vf(a,b,c){return{instance:a,listener:b,currentTarget:c}}function qe(a,b){for(var c=b+\"Capture\",d=[];null!==a;){var
e=a,f=e.stateNode;5===e.tag&&null!==f&&(e=f,f=Mb(a,c),null!==f&&d.unshift(vf(a,f,e)),f=Mb(a,b),null!==f&&d.p
ush(vf(a,f,e)));a=a.return}return d}function xf(a){if(null===a)return null;do a=a.return;while(a&&5!==a.tag);return
a?a:null}\nfunction yf(a,b,c,d,e){for(var f=_reactName,g=[];null!==c&&c!==d;){var
h=c,k=h.alternate,l=h.stateNode;if(null!==k&&k===d)break;5===h.tag&&null!==l&&(h=l,e?(k=Mb(c,f),null!==k&
&g.unshift(vf(c,k,h)):e||(k=Mb(c,f),null!==k&&g.push(vf(c,k,h))));c=c.return}0===g.length&&a.push({event:b,liste
ners:g})}function zf(){var Af=null,Bf=null;function Cf(a,b){switch(a){case \"button\":case \"input\":case
\"select\":case \"textarea\":return!!b.autoFocus}return!1}\nfunction
Df(a,b){return\"textarea\"===a||\"noscript\"===a||\"string\"===typeof b.children||\"number\"===typeof
b.children||\"object\"===typeof
b.dangerouslySetInnerHTML&&null!==b.dangerouslySetInnerHTML&&null!==b.dangerouslySetInnerHTML.__ht
ml}\nvar Ef=\"function\"===typeof setTimeout?setTimeout:void 0,Ff=\"function\"===typeof
clearTimeout?clearTimeout:void 0,Hf=\"function\"===typeof Promise?Promise:void 0,Jf=\"function\"===typeof
queueMicrotask?queueMicrotask:\"undefined\"!==typeof Hf?function(a){return
Hf.resolve(null).then(a).catch(If)}:Ef;function If(a){setTimeout(function(){throw a;})}\nfunction Kf(a,b){var
c=b,d=0;do{var
e=c.nextSibling;a.removeChild(c);if(e&&8===e.nodeType)if(c=e.data,\"/$\"===c){if(0===d){a.removeChild(e);dd
(b);return}d--}else\"$\"!==c&&\"$?\"!==c&&\"$!\"!==c||d++;c=e}while(c);dd(b)}function
Lf(a){for(;null!==a;a=a.nextSibling){var
b=a.nodeType;if(1===b||3===b)break;if(8===b){b=a.data;if(\"$\"===b||\"$!\"===b||\"$?\"===b)break;if(\"/$\"===b
)return null}}return a}\nfunction Mf(a){a=a.previousSibling;for(var b=0;a;){if(8===a.nodeType){var
c=a.data;if(\"$\"===c||\"$!\"===c||\"$?\"===c){if(0===b)return a;b--
}else\"/$\"===c&&b++;a=a.previousSibling}return null}var
Nf=Math.random().toString(36).slice(2),Of=\"__reactFiber$\"+Nf,Pf=\"__reactProps$\"+Nf,wf=\"__reactContainer
$\"+Nf,qf=\"__reactEvents$\"+Nf,Qf=\"__reactListeners$\"+Nf,Rf=\"__reactHandles$\"+Nf;\nfunction Yc(a){var
b=a[Of];if(b)return b;for(var
c=a.parentNode;c;){if(b=c[wf]||c[Of]){c=b.alternate;if(null!==b.child||null!==c&&null!==c.child)for(a=Mf(a);null!
===a;){if(c=a[Of])return c;a=Mf(a)}return b}a=c;c=a.parentNode}return null}function
Fb(a){a=a[Of]||a[wf];return!a||5===a.tag&&6===a.tag&&13===a.tag&&3===a.tag?null:a}function
we(a){if(5===a.tag||6===a.tag)return a.stateNode;throw Error(r(33));}function ua(a){return a[Pf]||null}var
Sf=[],Tf=-1;function Uf(a){return{current:a}}\nfunction F(a){0>Tf||(a.current=Sf[Tf],Sf[Tf]=null,Tf--)}function
H(a,b){Tf++;Sf[Tf]=a.current;a.current=b}var Vf={},K=Uf(Vf),Wf=Uf(!1),Xf=Vf;function Yf(a,b){var
c=a.type.contextTypes;if(!c)return Vf;var
d=a.stateNode;if(d&&d.__reactInternalMemoizedUnmaskedChildContext===b)return
d.__reactInternalMemoizedMaskedChildContext;var e={},f;for(f in
c)e[f]=b[f];d&&(a=a.stateNode,a.__reactInternalMemoizedUnmaskedChildContext=b,a.__reactInternalMemoized
MaskedChildContext=e);return e}\nfunction Zf(a){a=a.childContextTypes;return null!==a&&void 0!==a}function
$(f){F(Wf);F(K)}function ag(a,b,c){if(K.current!==Vf)throw Error(r(168));H(K,b);H(Wf,c)}function bg(a,b,c){var

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d=a.stateNode;b=b.childContextTypes;if(!"function"!==typeof d.getChildContext)return
c;d=d.getChildContext();for(var e in d)if(!(e in b))throw Error(r(108,Va(a)||"Unknown",e));return
n({},c,d)}\nfunction
cg(a){a=(a=a.stateNode)&&a.__reactInternalMemoizedMergedChildContext||Vf;Xf=K.current;H(K,a);H(Wf,Wf.cu
rrent);return!0}function dg(a,b,c){var d=a.stateNode;if(!d)throw
Error(r(169));c?(a=bg(a,b,Xf),d.__reactInternalMemoizedMergedChildContext=a,F(Wf),F(K),H(K,a)):F(Wf);H(Wf,
c)}var eg=null,fg=!1,gg=!1;function hg(a){null===eg?eg=[a]:eg.push(a)}function ig(a){fg=!0;hg(a)}\nfunction
jg(){if(!gg&&null!==eg){gg=!0;var a=0,b=D;try{var c=eg;for(D=1;a<c.length;a++){var d=c[a];do
d=d(!0);while(null!==d){eg=null;fg=!1}catch(e){throw
null!==eg&&(eg=eg.slice(a+1)),cc(hc,jg),e;}finally{D=b,gg=!1}}return null}var
kg=va.ReactCurrentBatchConfig;function lg(a,b){if(a&&a.defaultProps){b=n({},b);a=a.defaultProps;for(var c in
a)void 0===b[c]&&(b[c]=a[c]);return b}return b}var mg=Uf(null),ng=null,og=null,pg=null;function
qg(){pg=og=ng=null}\nfunction rg(a,b,c){H(mg,b._currentValue);b._currentValue=c}function sg(a){var
b=mg.current;F(mg);a._currentValue=b}function tg(a,b,c){for(;null!==a;){var
d=a.alternate;(a.childLanes&b)!==b?(a.childLanes|=b,null!==d&&(d.childLanes|=b)):null!==d&&(d.childLanes&b)
!==b&&(d.childLanes|=b);if(a===c)break;a=a.return}}\nfunction ug(a,b,c){var
d=a.child;null!==d&&(d.return=a);for(;null!==d;){var e=d.dependencies;if(null!==e){var f=d.child;for(var
g=e.firstContext;null!==g;){if(g.context===b){if(1===d.tag){g=vg(-1,c&-c);g.tag=2;var
h=d.updateQueue;if(null!==h){h=h.shared;var
k=h.pending;null===k?g.next=g:(g.next=k.next,k.next=g);h.pending=g}}d.lanes|=c;g=d.alternate;null!==g&&(g.lan
es|=c);tg(d.return,c,a);e.lanes|=c;break}g=g.next}}else if(10===d.tag)f=d.type===a.type?null:d.child;else
if(18===d.tag){f=d.return;if(null===\n)throw
Error(r(341));f.lanes|=c;e=f.alternate;null!==e&&(e.lanes|=c);tg(f,c,a);f=d.sibling}else
f=d.child;if(null!==f)f.return=d;else
for(f=d;null!==f;){if(f===a){f=null;break}d=f.sibling;if(null!==d){d.return=f.return;f=d;break}f=f.return}d=f}}fun
ction
wg(a,b){ng=a;pg=og=null;a=a.dependencies;null!==a&&null!==a.firstContext&&(0===(a.lanes&b)&&(xg=!0),a.fir
stContext=null)}\nfunction yg(a){var
b=a._currentValue;if(pg!==a)if(a={context:a,memoizedValue:b,next:null},null===og){if(null===ng)throw
Error(r(308));og=a;ng.dependencies={lanes:0,firstContext:a}}else og=og.next=a;return b}var
zg=null,Ag=!1;function
Bg(a){a.updateQueue={baseState:a.memoizedState,firstBaseUpdate:null,lastBaseUpdate:null,shared:{pending:null,i
nterleaved:null,lanes:0},effects:null}}\nfunction
Cg(a,b){a=a.updateQueue;b.updateQueue===a&&(b.updateQueue={baseState:a.baseState,firstBaseUpdate:a.firstBa
seUpdate,lastBaseUpdate:a.lastBaseUpdate,shared:a.shared,effects:a.effects})}function
vg(a,b){return{eventTime:a,lane:b,tag:0,payload:null,callback:null,next:null}}\nfunction Dg(a,b){var
c=a.updateQueue;null!==c&&(c=c.shared,null!==L&&0!==(a.mode&1)&&0===(N&2)?(a=c.interleaved,null===a
?(b.next=b,null===zg?zg=[c]:zg.push(c)):b.next=a.next,a.next=b),c.interleaved=b):(a=c.pending,null===a?b.next=
b:(b.next=a.next,a.next=b),c.pending=b))}function
Eg(a,b,c){b=b.updateQueue;if(null!==b&&(b=b.shared,0!==(c&4194240))){var
d=b.lanes;d&a.pendingLanes;c|=d;b.lanes=c;Dc(a,c)}\nfunction Fg(a,b){var
c=a.updateQueue,d=a.alternate;if(null!==d&&(d=d.updateQueue,c===d)){var
e=null,f=null;c=c.firstBaseUpdate;if(null!==c){do{var
g={eventTime:c.eventTime,lane:c.lane,tag:c.tag,payload:c.payload,callback:c.callback,next:null};null===f?e=f:g:f
=f.next=g;c=c.next}while(null!==c);null===f?e=f:b:f=f.next=b}else
e=f=b;c={baseState:d.baseState,firstBaseUpdate:e,lastBaseUpdate:f,shared:d.shared,effects:d.effects};a.updateQueu
e=c;return a.c.lastBaseUpdate;null===a?c.firstBaseUpdate=b:a.next=\n;b.c.lastBaseUpdate=b}\nfunction
Gg(a,b,c,d){var e=a.updateQueue;Ag=!1;var

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f=e.firstBaseUpdate,g=e.lastBaseUpdate,h=e.shared.pending;if(null!==(h)){e.shared.pending=null;var
k=h,l=k.next;k.next=null;null===g?f=l:g.next=l;g=k;var
p=a.alternate;null!==(p)&&(p=p.updateQueue,h=p.lastBaseUpdate,h!==(g)&&(null===h?p.firstBaseUpdate=l:h.next=l
,p.lastBaseUpdate=k))}if(null!==(f)){var t=e.baseState;g=0;p=l=k=null;h=f;do{var
w=h.lane,y=h.eventTime;if((d&w)===w){null!==(p)&&(p=p.next={eventTime:y,lane:0,tag:h.tag,payload:h.payload,
callback:h.callback,\nnext:null});a:{var m=a,x=h;w=b;y=c;switch(x.tag){case
1:m=x.payload;if("\function"===typeof m){t=m.call(y,t,w);break a}t=m;break a;case 3:m.flags=m.flags&-
65537|128;case 0:m=x.payload;w="\function"===typeof m?m.call(y,t,w):m;if(null===w||void 0===w)break
a;t=n({},t,w);break a;case
2:Ag=!0}null!==(h.callback&&0!==(h.lane)&&(a.flags|=64,w=e.effects,null===w?e.effects=[h]:w.push(h))}else
y={eventTime:y,lane:w,tag:h.tag,payload:h.payload,callback:h.callback,next:null},null===p?(l=p,y,k=t):p=p.next=
y,g|=w;|nh=h.next;if(null===h)if(h=e.shared.pending,null===h)break;else
w=h,h=w.next,w.next=null,e.lastBaseUpdate=w,e.shared.pending=null}while(1);null===p&&(k=t);e.baseState=k;e.
firstBaseUpdate=l;e.lastBaseUpdate=p;b=e.shared.interleaved;if(null!==(b)){e=b;do
g|=e.lane,e=e.next;while(e!==(b))}else
null===f&&(e.shared.lanes=0);Hg|=g;a.lanes=g;a.memoizedState=t}}\nfunction
Ig(a,b,c){a=b.effects;b.effects=null;if(null!==(a)for(b=0;b<a.length;b++){var
d=a[b],e=d.callback;if(null!==(e)){d.callback=null;d=c;if("\function"!==(typeof e)throw
Error(r(191,e));e.call(d)}}}var Jg=(new aa.Component).refs;function
Kg(a,b,c,d){b=a.memoizedState;c=c(d,b);c=null===c||void
0===c?b:n({},b,c);a.memoizedState=c;0===a.lanes&&(a.updateQueue.baseState=c)}\nvar
Og={isMounted:function(a){return(a=a._reactInternals)?Xb(a)===a:!1},enqueueSetState:function(a,b,c){a=a._react
Internals;var d=Lg(),e=Mg(a),f=vg(d,e);f.payload=b;void
0!==(c)&&null!==(c)&&(f.callback=c);Dg(a,f);b=Ng(a,e,d);null!==(b)&&Eg(b,a,e)},enqueueReplaceState:function(a,b,
c){a=a._reactInternals;var d=Lg(),e=Mg(a),f=vg(d,e);f.tag=1;f.payload=b;void
0!==(c)&&null!==(c)&&(f.callback=c);Dg(a,f);b=Ng(a,e,d);null!==(b)&&Eg(b,a,e)},enqueueForceUpdate:function(a,b)
{a=a._reactInternals;var c=Lg(),d=Mg(a),e=vg(c,\nd);e.tag=2;void
0!==(b)&&null!==(b)&&(e.callback=b);Dg(a,e);b=Ng(a,d,c);null!==(b)&&Eg(b,a,d)}};function
Pg(a,b,c,d,e,f,g){a=a.stateNode;return"\function"===typeof
a.shouldComponentUpdate?a.shouldComponentUpdate(d,f,g):b.prototype&&b.prototype.isPureReactComponent?!
Ke(c,d)||Ke(e,f):!0}\nfunction Qg(a,b,c){var d=!1,e=Vf;var f=b.contextType;"object"===typeof
f&&null!==(f)?f=yg(f):(f=Zf(b)?Xf:K.current,d=b.contextTypes,f=(d=null!==(d)&&void 0!==(d)?Yf(a,e):Vf);b=new
b(c,f);a.memoizedState=null!==(b.state)&&void
0!==(b.state)?b.state:null;b.updater=Og;a.stateNode=b;b._reactInternals=a;d&&(a=a.stateNode,a.__reactInternalMem
oizedUnmaskedChildContext=e,a.__reactInternalMemoizedMaskedChildContext=f);return b}\nfunction
Rg(a,b,c,d){a=b.state;"\function"===typeof
b.componentWillReceiveProps&&b.componentWillReceiveProps(c,d);"\function"===typeof
b.UNSAFE_componentWillReceiveProps&&b.UNSAFE_componentWillReceiveProps(c,d);b.state!==(a)&&Og.enq
ueueReplaceState(b,b.state,null)}\nfunction Sg(a,b,c,d){var
e=a.stateNode;e.props=c;e.state=a.memoizedState;e.refs=Jg;Bg(a);var f=b.contextType;"object"===typeof
f&&null!==(f)?e.context=yg(f):(f=Zf(b)?Xf:K.current,e.context=Yf(a,f));e.state=a.memoizedState;f=b.getDerivedStat
eFromProps;"\function"===typeof f&&(Kg(a,b,f,c),e.state=a.memoizedState);"\function"===typeof
b.getDerivedStateFromProps||"\function"===typeof e.getSnapshotBeforeUpdate||"\function"!==(typeof
e.UNSAFE_componentWillMount&&"\function"!==(typeof
e.componentWillMount||(b=e.state,\n"\function"===typeof
e.componentWillMount&&e.componentWillMount()),"\function"===typeof
e.UNSAFE_componentWillMount&&e.UNSAFE_componentWillMount(),b!==(e.state)&&Og.enqueueReplaceState
(e,e.state,null),Gg(a,c,e,d),e.state=a.memoizedState);"\function"===typeof

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e.componentDidMount&&(a.flags|=4194308)}var
Tg=[],Ug=0,Vg=null,Wg=0,Xg=[],Yg=0,Zg=null,$g=1,ah="";function
bh(a,b){Tg[Ug++]=Wg;Tg[Ug++]=Vg;Vg=a;Wg=b}\nfunction
ch(a,b,c){Xg[Yg++]=$g;Xg[Yg++]=ah;Xg[Yg++]=$g;Zg=a;var d=$g;a=ah;var e=32-qc(d)-
1;d&&~(1<<e);c+=1;var f=32-qc(b)+e;if(30<f){var g=e-e%5;f=(d&&(1<<g)-1).toString(32);d>>=g;e-=g;$g=1<<32-
qc(b)+e|c<<e|d;ah=f+a}else $g=1<<f|c<<e|d,ah=a}function dh(a){null!==a.return&&(bh(a,1),ch(a,1,0))}function
eh(a){for(;a===Vg;)Vg=Tg[--Ug],Tg[Ug]=null,Wg=Tg[--Ug],Tg[Ug]=null;for(;a===Zg;)Zg=Xg[--
Yg],Xg[Yg]=null,ah=Xg[--Yg],Xg[Yg]=null,$g=Xg[--Yg],Xg[Yg]=null}var fh=null,gh=null,O=!1;\nfunction
hh(a,b){var
c=ih(5,null,null,0);c.elementType="DELETED";c.stateNode=b;c.return=a;b=a.deletions;null===b?(a.deletions=[c
,a.flags|=16):b.push(c)}\nfunction jh(a,b){switch(a.tag){case 5:var
c=a.type;b=1!==b.nodeType|c.toLowerCase()!==b.nodeName.toLowerCase()?null:b;return
null!==b?(a.stateNode=b,fh=Lf(b.firstChild),!0):!1;case 6:return
b="\"===a.pendingProps||3!==b.nodeType?null:b,null!==b?(a.stateNode=b,fh=a,gh=null,!0):!1;case 13:return
b=8!==b.nodeType?null:b,null!==b?(c=null!==Zg?{id:$g,overflow:ah}:null,a.memoizedState={dehydrated:b,treeC
ontext:c,retryLane:1073741824},c=ih(18,null,null,0),c.stateNode=b,c.return=a,a.child=c,fh=a,gh=\nnull,!0):!1;defau
lt:return!1}}function kh(a){if(0!==(a.mode&1))throw Error(r(418));}function lh(a){if(O){var b=gh;if(b){var
c=b;if(!jh(a,b)){kh(a);b=Lf(c.nextSibling);var d=fh;b&&jh(a,b)?hh(d,c):(a.flags=a.flags&-4097|2,O=!1,fh=a)}}else
kh(a),a.flags=a.flags&-4097|2,O=!1,fh=a}}function
mh(a){for(a=a.return;null!==a&&5!==a.tag&&3!==a.tag&&13!==a.tag;)a=a.return;fh=a}\nfunction
nh(a){if(a===fh)return!1;if(!O)return mh(a),O=!0,!1;var
b;(b=3!==a.tag)&&(b=5!==a.tag)&&(b=a.type,b="head\"!==b&&\"body\"!==b&&!Df(a.type,a.memoizedProps));
if(b)for(b=gh;b)hh(a,b),b=Lf(b.nextSibling);mh(a);if(13===a.tag){a=a.memoizedState;a=null!==a?a.dehydrated:nu
ll;if(!a)throw Error(r(317));a:{a=a.nextSibling;for(b=0;a);if(8===a.nodeType){var
c=a.data;if(\"/$\"===c){if(0===b){gh=Lf(a.nextSibling);break a}b--
}else\"$\"===c&&\"$!\"===c&&\"$?\"===c||b++}a=a.nextSibling}gh=null}}else
gh=fh?Lf(a.stateNode.nextSibling):\nnull;return!0}function oh(){gh=fh=null;O=!1}\nfunction
ph(a,b,c){a=c.ref;if(null!==a&&\"function\"!==typeof a&&\"object\"!==typeof
a){if(c._owner){c=c._owner;if(c){if(1!==c.tag)throw Error(r(309));var d=c.stateNode}if(!d)throw
Error(r(147,a));var e=d,f="\"+a;if(null!==b&&null!==b.ref&&\"function\"===typeof
b.ref&&b.ref._stringRef===f)return b.ref;b=function(a){var b=e.refs;b===Jg&&(b=e.refs={});null===a?delete
b[f]:b[f]=a};b._stringRef=f;return b}if(\"string\"!==typeof a)throw Error(r(284));if(!c._owner)throw
Error(r(290,a));}return a}\nfunction qh(a,b){a=Object.prototype.toString.call(b);throw Error(r(31,\"[object
Object]\"===a?\"object with keys {\"+Object.keys(b).join(\" \")+\"}\"+a));}function rh(a){var b=a._init;return
b(a._payload)}\nfunction sh(a){function b(b,c){if(a){var
d=b.deletions;null===d?(b.deletions=[c],b.flags|=16):d.push(c)}function c(c,d){if(!a)return
null;for(;null!==d;)b(c,d),d=d.sibling;return null}function d(a,b){for(a=new
Map;null!==b;)null!==b.key?a.set(b.key,b):a.set(b.index,b),b=b.sibling;return a}function
e(a,b){a=th(a,b);a.index=0;a.sibling=null;return a}function f(b,c,d){b.index=d;if(!a)return
b.flags|=1048576,c;d=b.alternate;if(null===d)return d=d.index,d<c?(b.flags|=2,c):d;b.flags|=2;return c}function
g(b){a&&\nnull===b.alternate&&(b.flags|=2);return b}function h(a,b,c,d){if(null===b||6!==b.tag)return
b=uh(c,a.mode,d),b.return=a,b;b=e(b,c);b.return=a;return b}function k(a,b,c,d){var f=c.type;if(f===ya)return
p(a,b,c.props.children,d,c.key);if(null!==b&&(b.elementType===f||\"object\"===typeof
f&&null!==f&&f.$typeof===Ha&&rh(f)===b.type))return
d=e(b,c.props),d.ref=ph(a,b,c),d.return=a,d;d=vh(c.type,c.key,c.props,null,a.mode,d);d.ref=ph(a,b,c);d.return=a;retur
n d}function
l(a,b,c,d){if(null===b||4!==b.tag||nb.stateNode.containerInfo!==c.containerInfo||b.stateNode.implementation!==c.i
mplementation)return b=wh(c,a.mode,d),b.return=a,b;b=e(b,c.children||[]);b.return=a;return b}function

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p(a,b,c,d,f){if(null===b||7!==b.tag)return b=xh(c,a.mode,d,f),b.return=a,b;b=e(b,c);b.return=a;return b}function
t(a,b,c){if("\string"===typeof b&&"\!"===b||"number"===typeof b)return
b=uh("\"+b,a.mode,c),b.return=a,b;if("\object"===typeof b&&null!==b){switch(b.$$typeof){case wa:return
c=vh(b.type,b.key,b.props,null,a.mode,c),\nc.ref=ph(a,null,b),c.return=a,c;case xa:return
b=wh(b,a.mode,c),b.return=a,b;case Ha:var d=b._init;return t(a,d(b._payload),c)}if(hb(b)||Oa(b))return
b=xh(b,a.mode,c,null),b.return=a,b;qh(a,b)}return null}function w(a,b,c,d){var
e=null!==b?b.key:null;if("\string"===typeof c&&"\!"===c||"number"===typeof c)return
null!==e?null:h(a,b,"\"+c,d);if("\object"===typeof c&&null===c){switch(c.$$typeof){case wa:return
c.key===e?k(a,b,c,d):null;case xa:return c.key===e?l(a,b,c,d):null;case Ha:return
e=c._init,w(a,\nb,e(c._payload),d)}if(hb(c)||Oa(c))return null!==e?null:p(a,b,c,d,null);qh(a,c)}return null}function
y(a,b,c,d,e){if("\string"===typeof d&&"\!"===d||"number"===typeof d)return
a=a.get(c)||null,h(b,a,"\"+d,e);if("\object"===typeof d&&null===d){switch(d.$$typeof){case wa:return
a=a.get(null===d.key?c:d.key)||null,k(b,a,d,e);case xa:return a=a.get(null===d.key?c:d.key)||null,l(b,a,d,e);case
Ha:var f=d._init;return y(a,b,c,f(d._payload),e)}if(hb(d)||Oa(d))return a=a.get(c)||null,p(b,a,d,e,null);qh(b,d)}return
null}\nfunction m(e,g,h,k){for(var
l=null,m=null,q=g,v=g=0,u=null;null!==q&&v<h.length;v++){q.index>v?(u=q,q=null):u=q.sibling;var
p=w(e,q,h[v],k);if(null===p){null===q&&(q=u);break}a&&q&&null===p.alternate&&b(e,q);g=f(p,g,v);null===m
?l=p:m.sibling=p;m=p;q=u}if(v===h.length)return
c(e,q),O&&bh(e,v),l;if(null===q){for(;v<h.length;v++)q=t(e,h[v],k),null!==q&&(g=f(q,g,v),null===m?l=q:m.siblin
g=q,m=q);O&&bh(e,v);return
l}for(q=d(e,q);v<h.length;v++)u=y(q,e,v,h[v],k),null!==u&&(a&&null!==u.alternate&&q.delete(null===\nu.key?v:
u.key),g=f(u,g,v),null===m?l=u:m.sibling=u,m=u);a&&q.forEach(function(a){return b(e,a)});O&&bh(e,v);return
l}function x(e,g,h,k){var l=Oa(h);if("\function"!==typeof l)throw Error(r(150));h=l.call(h);if(null===h)throw
Error(r(151));for(var
m=l=null,q=g,v=g=0,p=null,u=h.next();null!==q&&!u.done;v++,u=h.next()){q.index>v?(p=q,q=null):p=q.sibling;v
ar
x=w(e,q,u.value,k);if(null===x){null===q&&(q=p);break}a&&q&&null===x.alternate&&b(e,q);g=f(x,g,v);null===
m?l=x:m.sibling=x;m=x;q=p}if(u.done)return
c(e,\nq),O&&bh(e,v),l;if(null===q){for(;!u.done;v++,u=h.next())u=t(e,u.value,k),null!==u&&(g=f(u,g,v),null===m
?l=u:m.sibling=u,m=u);O&&bh(e,v);return
l}for(q=d(e,q);!u.done;v++,u=h.next())u=y(q,e,v,u.value,k),null!==u&&(a&&null!==u.alternate&&q.delete(null===
u.key?v:u.key),g=f(u,g,v),null===m?l=u:m.sibling=u,m=u);a&&q.forEach(function(a){return
b(e,a)});O&&bh(e,v);return l}function G(a,d,f,h){"\object"===typeof
f&&null!==f&&f.type===ya&&null===f.key&&(f=f.props.children);if("\object"===typeof
f&&null===f){switch(f.$$typeof){case wa:a:{for(var
k=\nf.key,l=d;null===l);{if(l.key===k){k=f.type;if(k===ya){if(7===l.tag){c(a,l.sibling);d=e(l.f.props.children);d.ret
urn=a;a=d;break a}}else if(l.elementType===k||"object"===typeof
k&&null===k&&k.$$typeof===Ha&&rh(k)===l.type){c(a,l.sibling);d=e(l.f.props);d.ref=ph(a,l,f);d.return=a;a=d;br
eak a}c(a,l);break}else
b(a,l);l=l.sibling}f.type===ya?(d=xh(f.props.children,a.mode,h,f.key),d.return=a,a=d):(h=vh(f.type,f.key,f.props,nul
l,a.mode,h),h.ref=ph(a,d,f),h.return=a,a=h)}return g(a);case
xa:a:{for(l=f.key;null!==\nd;){if(d.key===l)if(4===d.tag&&d.stateNode.containerInfo===f.containerInfo&&d.state
Node.implementation===f.implementation){c(a,d.sibling);d=e(d.f.children||[]);d.return=a;a=d;break
a}else{c(a,d);break}else b(a,d);d=d.sibling}d=wh(f,a.mode,h);d.return=a;a=d}return g(a);case Ha:return
l=f._init,G(a,d,l(f._payload),h)}if(hb(f))return m(a,d,f,h);if(Oa(f))return x(a,d,f,h);qh(a,f)}return "\string"===typeof
f&&"\!"===f||"number"===typeof
f?(f="\"+f,null!==d&&6===d.tag?(c(a,d.sibling),d=e(d,f),d.return=a,a=d):\n(c(a,d),d=uh(f,a.mode,h),d.return=a,a=
d),g(a)):c(a,d)}return G}var yh=sh(!0),zh=sh(!1),Ah={},Bh=Uf(Ah),Ch=Uf(Ah),Dh=Uf(Ah);function

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Eh(a){if(a===Ah)throw Error(r(174));return a}function
Fh(a,b){H(Dh,b);H(Ch,a);H(Bh,Ah);a=b.nodeType;switch(a){case 9:case
11:b=(b=b.documentElement)?b.namespaceURI:ob(null,\"\");break;default:a=8===a?b.parentNode:b,b=a.namespaceURI||null,a=a.tagName,b=ob(b,a)}F(Bh);H(Bh,b)}function Gh(){F(Bh);F(Ch);F(Dh)}\nfunction
Hh(a){Eh(Dh.current);var b=Eh(Bh.current);var c=ob(b,a.type);b!==c&&(H(Ch,a),H(Bh,c))}function
Ih(a){Ch.current===a&&(F(Bh),F(Ch))}var P=Uf(0);\nfunction Jh(a){for(var b=a;null!==b;){if(13===b.tag){var
c=b.memoizedState;if(null!==c&&(c=c.dehydrated,null===c||\"$?\"===c.data||\"$!\"===c.data))return b}else
if(19===b.tag&&void 0!==b.memoizedProps.revealOrder){if(0!==(b.flags&128))return b}else
if(null!==b.child){b.child.return=b;b=b.child;continue}if(b===a)break;for(;null===b.sibling;){if(null===b.return||b.
return===a)return null;b=b.return}b.sibling.return=b.return;b=b.sibling}return null}var Kh=[];\nfunction
Lh(){for(var a=0;a<Kh.length;a++)Kh[a]._workInProgressVersionPrimary=null;Kh.length=0}var
Mh=ba.unstable_scheduleCallback,Nh=ba.unstable_NormalPriority,Q={ $$typeof:Ca,Consumer:null,Provider:null,
currentValue:null,_currentValue2:null,_threadCount:0},Oh=null,Ph=Uf(null);function Qh(){return{controller:new
AbortController,data:new Map,refCount:0}}function Rh(a){a.refCount--
;0===a.refCount&&Mh(Nh,function(){a.controller.abort()})}\nfunction Sh(a){var
b=a.pooledCache;null!=b?(Oh=b,a.pooledCache=null):Oh=null}function
Th(a,b){a.pooledCache=Oh;null!==Oh&&(a.pooledCacheLanes|=b);Oh=null}function
Uh(a,b){if(Q._currentValue!==b.parent)return null;H(Ph,Oh);Oh=b.pool;return b}var Vh=null;function
Wh(){Vh=Oh;Oh=Ph.current;F(Ph)}function Xh(){var a=Oh;if(null===a)if(null!==Vh)a=Vh,Vh=null;else return
null;return{parent:Q._currentValue,pool:a}}\nvar
Yh=va.ReactCurrentDispatcher,Zh=va.ReactCurrentBatchConfig,$h=0,R=null,ai=null,S=null,bi=!1,ci=!1,di=0,ei=0;
function T(){throw Error(r(321));}function fi(a,b){if(null===b)return!1;for(var
c=0;c<b.length&&c<a.length;c++)if(!Je(a[c],b[c]))return!1;return!0}\nfunction
gi(a,b,c,d,e,f){ $h=f;R=b;b.memoizedState=null;b.updateQueue=null;b.lanes=0;Yh.current=null===a||null===a.me
memoizedState?hi:ii;a=c(d,e);if(ci){f=0;do{ci=!1;di=0;if(25<=f)throw
Error(r(301));f+=1;S=ai=null;b.updateQueue=null;Yh.current=ji;a=c(d,e)}while(ci)}Yh.current=ki;b=null===ai&&
null===ai.next;$h=0;S=ai=R=null;bi=!1;if(b)throw Error(r(300));return a}function li(){var a=0!==(di=0);return
a}\nfunction mi(){var
a={memoizedState:null,baseState:null,baseQueue:null,queue:null,next:null};null===S?R.memoizedState=S=a:S=S.
next=a;return S}function ni(){if(null===ai){var a=R.alternate;a=null===a?a.memoizedState:null}else a=ai.next;var
b=null===S?R.memoizedState:S.next;if(null===b)S=b,ai=a;else{if(null===a)throw
Error(r(310));ai=a;a={memoizedState:ai.memoizedState,baseState:ai.baseState,baseQueue:ai.baseQueue,queue:ai.q
ueue,next:null};null===S?R.memoizedState=S=a:S=S.next=a}return S}\nfunction
oi(a,b){return\"function\"===typeof b?b(a):b}\nfunction ri(a){var b=ni(),c=b.queue;if(null===c)throw
Error(r(311));c.lastRenderedReducer=a;var d=ai,e=d.baseQueue,f=c.pending;if(null===f){if(null===e){var
g=e.next;e.next=f.next;f.next=g}d.baseQueue=e=f;c.pending=null}if(null===e){f=e.next;d=d.baseState;var
h=g=null,k=null,l=f;do{var
p=l.lane;if(($h&p)===p)null===k&&(k=k.next={lane:0,action:l.action,hasEagerState:l.hasEagerState,eagerState:l.e
agerState,next:null}),d=l.hasEagerState?l.eagerState:a(d,l.action);else{var
t={lane:p,action:l.action,hasEagerState:l.hasEagerState,\neagerState:l.eagerState,next:null};null===k?(h=k=t,g=d):k
=k.next=t;R.lanes|=p;Hg|=p}l=l.next}while(null!==l&&!f);null===k?g=d:k.next=h;Je(d,b.memoizedState)||
(xg=!0);b.memoizedState=d;b.baseState=g;b.baseQueue=k;c.lastRenderedState=d}a=c.interleaved;if(null===a){e=a;do
f=e.lane,R.lanes|=f,Hg|=f,e=e.next;while(e!==a)}else
null===e&&(c.lanes=0);return[b.memoizedState,c.dispatch]}\nfunction si(a){var
b=ni(),c=b.queue;if(null===c)throw Error(r(311));c.lastRenderedReducer=a;var
d=c.dispatch,e=c.pending,f=b.memoizedState;if(null===e){c.pending=null;var g=e=e.next;do
f=a(f,g.action),g=g.next;while(g!==e);Je(f,b.memoizedState)||
(xg=!0);b.memoizedState=f;null===b.baseQueue&&(
b.baseState=f);c.lastRenderedState=f}return[f,d]}function ti(){\nfunction ui(a,b){var

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c=R,d=ni(),e=b(),f=!Je(d.memoizedState,e);f&&(d.memoizedState=e,xg=!0);d=d.queue;vi(wi.bind(null,c,d,a),[a]);if
(d.getSnapshot!==(b||f||null!==(S&&S.memoizedState.tag&1)){c.flags|=2048;xi(9,yi.bind(null,c,d,e,b),void
0,null);if(null===L)throw Error(r(349));0!==(S&30)||zi(c,b,e)}return e}function
zi(a,b,c){a.flags|=16384;a={getSnapshot:b,value:c};b=R.updateQueue;null===b?(b={lastEffect:null,stores:null},R.
updateQueue=b,b.stores=[a]):(c=b.stores,null===c?b.stores=[a]:c.push(a))\nfunction
yi(a,b,c,d){b.value=c;b.getSnapshot=d;Ai(b)&&Ng(a,1,-1)}function wi(a,b,c){return c(function(){Ai(b)&&Ng(a,1,-
1))}}function Ai(a){var b=a.getSnapshot;a=a.value;try{var c=b();return!Je(a,c)}catch(d){return!0}}function
Bi(a){var b=mi();\;"function"===typeof
a&&(a=a());b.memoizedState=b.baseState=a;a={pending:null,interleaved:null,lanes:0,dispatch:null,lastRenderedRe
ducer:oi,lastRenderedState:a};b.queue=a;a=a.dispatch=Ci.bind(null,R,a);return[b.memoizedState,a]}\nfunction
xi(a,b,c,d){a={tag:a,create:b,destroy:c,deps:d,next:null};b=R.updateQueue;null===b?(b={lastEffect:null,stores:null
},R.updateQueue=b,b.lastEffect=a.next=a):(c=b.lastEffect,null===c?b.lastEffect=a.next=a:(d=c.next,c.next=a,a.next
=d,b.lastEffect=a));return a}function Di(){return ni().memoizedState}function Ei(a,b,c,d){var
e=mi();R.flags|=a;e.memoizedState=xi(1|b,c,void 0,void 0===d?null:d)}\nfunction Fi(a,b,c,d){var e=ni();d=void
0===d?null:d;var f=void 0;if(null!==ai){var
g=ai.memoizedState;f=g.destroy;if(null!==d&&fi(d,g,deps)){e.memoizedState=xi(b,c,f,d);return }}R.flags|=a;e.me
memoizedState=xi(1|b,c,f,d)}function Gi(a,b){return Ei(8390656,8,a,b)}function vi(a,b){return Fi(2048,8,a,b)}function
Hi(a,b){return Fi(4,2,a,b)}function Ii(a,b){return Fi(4,4,a,b)}\nfunction Ji(a,b){if(\;"function"===typeof b)return
a=a(),b(a),function(){b(null)};if(null!==b&&void 0!==b)return
a=a(),b.current=a,function(){b.current=null}}function Ki(a,b,c){c=null===c&&void 0===c?c.concat([a]):null;return
Fi(4,4,ji.bind(null,b,a),c)}function Li(){function Mi(a,b){var c=ni();b=void 0===b?null:b;var
d=c.memoizedState;if(null!==d&&null!==b&&fi(b,d[1]))return d[0];c.memoizedState=[a,b];return a}\nfunction
Ni(a,b){var c=ni();b=void 0===b?null:b;var d=c.memoizedState;if(null!==d&&null!==b&&fi(b,d[1]))return
d[0];a=a();c.memoizedState=[a,b];return a}function Oi(a,b){var c=D;D=0===c&&4>c?c:4;a(!0);var
d=Zh.transition;Zh.transition=1;try{a(!1),b()}finally{D=c,Zh.transition=d}}function Pi(){return
ni().memoizedState}function Qi(){return ni().memoizedState}\nfunction
Ri(a,b,c){for(a=a.return;null!==a;){switch(a.tag){case 24:case 3:var
d=Mg(a),e=Lg(),f=Ng(a,d,e);null!==f&&Eg(f,a,d);var g=Qh();null!==b&&void
0!==b&&null!==f&&g.data.set(b,c);b=vg(e,d);b.payload={cache:g};Dg(a,b);return}a=a.return}}function
Si(a,b,c){var
d=Mg(a);c={lane:d,action:c,hasEagerState:!1,eagerState:null,next:null};Ti(a)?Ui(b,c):(Vi(a,b,c),c=Lg(),a=Ng(a,d,c)
,null!==a&&Wi(a,b,d))\nfunction Ci(a,b,c){var
d=Mg(a),e={lane:d,action:c,hasEagerState:!1,eagerState:null,next:null};if(Ti(a))Ui(b,e);else{Vi(a,b,e);var
f=a.alternate;if(0===a.lanes&&(null===f||0===f.lanes)&&(f=b.lastRenderedReducer,null!==f))try{var
g=b.lastRenderedState,h=f(g,c);e.hasEagerState=!0;e.eagerState=h;if(Je(h,g))return}catch(k){}finally{c=Lg();a=N
g(a,d,c);null!==a&&Wi(a,b,d)}}function Ti(a){var b=a.alternate;return a===R||null!==b&&b===R}\nfunction
Ui(a,b){ci=bi=!0;var c=a.pending;null===c?b.next=b:(b.next=c.next,c.next=b);a.pending=b}function
Vi(a,b,c){null===L&&0!==(a.mode&1)&&0===(N&2)?(a=b.interleaved,null===a?(c.next=c,null===zg?zg=[b]:zg.
push(b)):c.next=a.next,a.next=c),b.interleaved=c):(a=b.pending,null===a?c.next=c:(c.next=a.next,a.next=c),b.pend
ing=c)}function Wi(a,b,c){if(0!==(c&4194240)){var
d=b.lanes;d&=a.pendingLanes;c|=d;b.lanes=c;Dc(a,c)}}function Xi(){return yg(Q).controller.signal}\nfunction
Yi(a){var b=yg(Q),c=b.data.get(a);void 0===c&&(c=a(),b.data.set(a,c));return c}var
ki={readContext:yg.useCallback:T,useContext:T,useEffect:T,useImperativeHandle:T,useInsertionEffect:T,useLayo
utEffect:T,useMemo:T,useReducer:T,useRef:T,useState:T,useDebugValue:T,useDeferredValue:T,useTransition:T,use
MutableSource:T,useSyncExternalStore:T,useId:T,unstable_isNewReconciler:!1};ki.getCacheSignal=Xi;ki.getCa
cheForType=Yi;ki.useCacheRefresh=T;\nvar
hi={readContext:yg.useCallback:function(a,b){mi().memoizedState=[a,void 0===b?null:b];return
a},useContext:yg.useEffect:Gi,useImperativeHandle:function(a,b,c){c=null===c&&void

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0!==c?c.concat([a]):null;return Ei(4194308,4, Ji.bind(null,b,a),c)},useLayoutEffect:function(a,b){return
Ei(4194308,4,a,b)},useInsertionEffect:function(a,b){return Ei(4,2,a,b)},useMemo:function(a,b){var c=mi();b=void
0===b?null:b;a=a();c.memoizedState=[a,b];return a},useReducer:function(a,b,c){var d=mi();b=void
0!==c?c(b):\n;b.d.memoizedState=d.baseState=b;a={pending:null,interleaved:null,lanes:0,dispatch:null,lastRendered
Reducer:a,lastRenderedState:b};d.queue=a;a.a.dispatch=Si.bind(null,R,a);return[d.memoizedState,a]},useRef:funct
ion(a){var b=mi();a={current:a};return
b.memoizedState=a},useState:Bi,useDebugValue:Li,useDeferredValue:function(a){var
b=Bi(a),c=b[0],d=b[1];Gi(function(){var
b=Zh.transition;Zh.transition=1;try{d(a)}finally{Zh.transition=b}},[a]);return c},useTransition:function(){var
a=Bi(!1),b=a[0],a=Oi.bind(null,\na[1]);mi().memoizedState=a;return[b,a]},useMutableSource:function(){},useSync
ExternalStore:function(a,b,c){var d=R,e=mi();if(O){if(void 0===c)throw
Error(r(407));c=c()}else{c=b();if(null===L)throw Error(r(349));0!==( $h&30)||zi(d,b,c)}e.memoizedState=c;var
f={value:c,getSnapshot:b};e.queue=f;Gi(wi.bind(null,d,f,a),[a]);d.flags|=2048;xi(9,yi.bind(null,d,f,c,b),void
0,null);return c},useId:function(){var a=mi(),b=L.identifierPrefix;if(O){var c=ah;var d=$g;c=(d&~(1<<32-qc(d)-
1)).toString(32)+c;b=b+"\nR:"+\nc;c=di++;0<c&&(b+="\n:"+c.toString(32))}else
c=ei++;b=b+"\nr:"+c.toString(32);return
a.memoizedState=b},unstable_isNewReconciler:!1};hi.getCacheSignal=Xi;hi.getCacheForType=Yi;hi.useCacheRef
resh=function(){return mi().memoizedState=Ri.bind(null,R)};\nvar
ii={readContext:yg,useCallback:Mi,useContext:yg,useEffect:vi,useImperativeHandle:Ki,useInsertionEffect:Hi,useL
ayoutEffect:Li,useMemo:Ni,useReducer:ri,useRef:Di,useState:function(){return
ri(oi)},useDebugValue:Li,useDeferredValue:function(a){var b=ri(oi),c=b[0],d=b[1];vi(function(){var
b=Zh.transition;Zh.transition=1;try{d(a)}finally{Zh.transition=b}},[a]);return c},useTransition:function(){var
a=ri(oi)[0],b=ni().memoizedState;return[a,b]},useMutableSource:ti,useSyncExternalStore:ui,useId:Pi,unstable_isNe
wReconciler:!1};nii.getCacheSignal=Xi;ii.getCacheForType=Yi;ii.useCacheRefresh=Qi;\nvar
jj={readContext:yg,useCallback:Mi,useContext:yg,useEffect:vi,useImperativeHandle:Ki,useInsertionEffect:Hi,useL
ayoutEffect:Li,useMemo:Ni,useReducer:si,useRef:Di,useState:function(){return
si(oi)},useDebugValue:Li,useDeferredValue:function(a){var b=si(oi),c=b[0],d=b[1];vi(function(){var
b=Zh.transition;Zh.transition=1;try{d(a)}finally{Zh.transition=b}},[a]);return c},useTransition:function(){var
a=si(oi)[0],b=ni().memoizedState;return[a,b]},useMutableSource:ti,useSyncExternalStore:ui,useId:Pi,unstable_isNe
wReconciler:!1};nji.getCacheSignal=Xi;ji.getCacheForType=Yi;ji.useCacheRefresh=Qi;function Zi(a,b){try{var
c="",d=b;do c+=Ta(d),d=d.return;while(d);var e=c}catch(f){e="\n\nError generating stack:
"+f.message+"\n\n"+f.stack}return{value:a,source:b,stack:e}}function
$(a,b){try{console.error(b.value)}catch(c){setTimeout(function(){throw c;})}var aj="function"===typeof
WeakMap?WeakMap:Map;\nfunction bj(a,b,c){c=vg(-1,c);c.tag=3;c.payload={element:null};var
d=b.value;c.callback=function(){cj||(cj=!0,dj=d);$(a,b)};return c}\nfunction ej(a,b,c){c=vg(-1,c);c.tag=3;var
d=a.type.getDerivedStateFromError;if("function"===typeof d){var e=b.value;c.payload=function(){return
d(e)};c.callback=function(){$(a,b)}}var f=a.stateNode;null!==(f&&"function"===typeof
f.componentDidCatch&&(c.callback=function(){$(a,b);"function"!==(typeof d&&(null===f)?f=new
Set([this]):f.add(this));var c=b.stack;this.componentDidCatch(b.value,{componentStack:null!==(c?c:"")}));return
c}\nfunction gj(a){do{var
b;if(b=13===a.tag)b=a.memoizedState,b=null!==(b?null!==(b.dehydrated?!0:!1!0);if(b)return
a;a=a.return}while(null!==(a));return null}function hj(a,b,c,d,e){if(0===(a.mode&1))return
a===b?a.flags|=65536:(a.flags|=128,c.flags|=131072,c.flags&=
52805,1===c.tag&&(null===c.alternate?c.tag=17:(b=vg(-
1,1),b.tag=2,Dg(c,b)),c.lanes|=1),a;a.flags|=65536;a.lanes=e;return a}var ij,jj,kj,lj;\nlij=function(a,b){for(var
c=b.child;null!==(c);){if(5===c.tag||6===c.tag)a.appendChild(c.stateNode);else
if(4!==(c.tag&&null!==(c.child)){c.child.return=c;c=c.child;continue}if(c===b)break;for(;null===c.sibling;){if(null=
==c.return||c.return===b)return;c=c.return}c.sibling.return=c.return;c=c.sibling}};jj=function(){};\nkj=function(a,b,

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c,d){var e=a.memoizedProps;if(e!==(d){a=b.stateNode;Eh(Bh.current);var f=null;switch(c){case
\'input\':e=bb(a,e);d=bb(a,d);f=[];break;case \'select\':e=n({ },e,{ value:void 0});d=n({ },d,{ value:void
0});f=[];break;case \'textarea\':e=jb(a,e);d=jb(a,d);f=[];break;default:\'function\':!==(typeof
e.onClick&&\'function\')==typeof d.onClick&&(a.onclick=zf)}xb(c,d);var g;c=null;for(l in
e)if(!d.hasOwnProperty(l)&&e.hasOwnProperty(l)&&null!=e[l])if(\'style\')==l){var h=e[l];for(g in
h)h.hasOwnProperty(g)&&\n(c||(c={ }),c[g]=\'"\')}else\'dangerouslySetInnerHTML\':!==(l&&\'children\':!==(l&&\'s
uppressContentEditableWarning\':!==(l&&\'suppressHydrationWarning\':!==(l&&\'autoFocus\':!==(l&&(da.hasOwn
Property(l)?f||(f=[]):(f=f||[]).push(l,null));for(l in d){var k=d[l];h=null!=e?e[l]:void
0;if(d.hasOwnProperty(l)&&k!=h&&(null!=k||null!=h))if(\'style\')==l)if(h){for(g in
h)!h.hasOwnProperty(g)||k&&k.hasOwnProperty(g)||c||(c={ },c[g]=\'"\');for(g in
k)k.hasOwnProperty(g)&&h[g]!=k[g]&&(c||(c={ },c[g]=k[g])}else
c||(f||(f=[]),f.push(l,\ncc)),c=k;else\'dangerouslySetInnerHTML\':!==(l?(k=k?k.__html:void 0,h=h?h.__html:void
0,null!=k&&h!=k&&(f=f||[]).push(l,k):\'children\':!==(l?\'string\':!==(typeof k&&\'number\':!==(typeof
k||(f=f||[]).push(l,\'+k):\'suppressContentEditableWarning\':!==(l&&\'suppressHydrationWarning\':!==(l&&(da.has
OwnProperty(l)?(null!=k&&\'onScroll\')==l&&E(\'scroll\ ',a),f||h===k||(f=[]):(f=f||[]).push(l,k))}c&&(f=f||[]).pus
h(\'style\',c);var l=f;if(b.updateQueue=l)b.flags|=4 } };j=function(a,b,c,d){c!==(d&&(b.flags|=4));\nfunction
mj(a,b){if(!O)switch(a.tailMode){case \'hidden\':b=a.tail;for(var
c=null;null!=b;null==b.alternate&&(c=b),b=b.sibling;null===c?a.tail=null:c.sibling=null;break;case
\'collapsed\':c=a.tail;for(var
d=null;null!=c;null==c.alternate&&(d=c),c=c.sibling;null===d?b||null===a.tail?a.tail=null:a.tail.sibling=null:d.si
bling=null } }\nfunction U(a){var b=null!=a.alternate&&a.alternate.child===a.child,c=0,d=0;if(b)for(var
e=a.child;null!=e;e=e.lanes|e.childLanes,d|=e.subtreeFlags&&14680064,d|=e.flags&&14680064,e.return=a,e=e.siblin
g;else
for(e=a.child;null!=e;e=e.lanes|e.childLanes,d|=e.subtreeFlags,d|=e.flags,e.return=a,e=e.sibling;a.subtreeFlags|=d;
a.childLanes=c;return b)\nfunction nj(a,b,c){var d=b.pendingProps;eh(b);switch(b.tag){case 2:case 16:case 15:case
0:case 11:case 7:case 8:case 12:case 9:case 14:return U(b),null;case 1:return Zf(b.type)&&$f(),U(b),null;case
3:d=b.stateNode;Th(d,c);c=null;null!=b.alternate&&(c=b.alternate.memoizedState.cache);b.memoizedState.cache!
==c&&(b.flags|=2048);sg(Q);Gh();F(Wf);F(K);Lh();d.pendingContext&&(d.context=d.pendingContext,d.pendingC
ontext=null);if(null===a||null===a.child)nh(b)?b.flags|=4:d.isDehydrated||(b.flags|=1024);\njj(a,b);U(b);return
null;case 5:Ih(b);var
e=Eh(Dh.current);c=b.type;if(null!=a&&null!=b.stateNode)kj(a,b,c,d,e),a.ref!=b.ref&&(b.flags|=512,b.flags|=20
97152);else{if(!d){if(null===b.stateNode)throw Error(r(166));U(b);return
null}a=Eh(Bh.current);if(nh(b)){d=b.stateNode;a=b.type;c=b.memoizedProps;d[Of]=b;d[Pf]=c;switch(a){case
\'dialog\':E(\'cancel\',d);E(\'close\',d);break;case \'iframe\':case \'object\':case
\'embed\':E(\'load\',d);break;case \'video\':case \'audio\':for(var f=0;f<nf.length;f++)E(nf[f],d);break;\n case
\'source\':E(\'error\',d);break;case \'img\':case \'image\':case \'link\':E(\'error\',d);E(\'load\',d);break;case
\'details\':E(\'toggle\',d);break;case \'input\':cb(d,c);E(\'invalid\',d);break;case
\'select\':d._wrapperState={wasMultiple:!!c.multiple};E(\'invalid\',d);break;case
\'textarea\':kb(d,c),E(\'invalid\',d)}xb(a,c);f=null;for(var g in
c)c.hasOwnProperty(g)&&(e=c[g],\'children\')==g?\'string\':!==(typeof
e?d.textContent!=e&&(f=[\'children\ ',e):\'number\':!==(typeof
e&&d.textContent!=\'"\'+e&&(f=[\'children\ ',\'"\'+e)):da.hasOwnProperty(g)&&\nnull!=e&&\'onScroll\')==g&
&E(\'scroll\',d);switch(a){case \'input\':Za(d);gb(d,c,!0);break;case \'textarea\':Za(d);mb(d);break;case
\'select\':case \'option\':break;default:\'function\':!==(typeof
c.onClick&&(d.onclick=zf)}d=f;b.updateQueue=d;null!=d&&(b.flags|=4)}else{g=9===e.nodeType?e.e.ownerDo
cument;\'http://www.w3.org/1999/xhtml\':!==(a&&(a=nb(c));\'http://www.w3.org/1999/xhtml\':!==(a)?\'script\':!==(
c?(a=g.createElement(\'div\'),a.innerHTML=\'<script>\x3c/script>\',a=a.removeChild(a.firstChild)):\'string\':!==(t
ypeof

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d.is?a=\ng.createElement(c,{is:d.is}):(a=g.createElement(c),\select\===c&&(g=a,d.multiple?g.multiple=!0:d.size
&&(g.size=d.size)):a=g.createElementNS(a,c);a[Of]=b;a[Pf]=d;ij(a,b,!1,!1);b.stateNode=a;g=yb(c,d);switch(c){cas
e \dialog\":E(\cancel\",a);E(\close\",a);e=d;break;case \iframe\":case \object\":case
\embed\":E(\load\",a);e=d;break;case \video\":case \audio\":for(e=0;e<nf.length;e++)E(nf[e],a);e=d;break;case
\source\":E(\error\",a);e=d;break;case \img\":case \image\":case
\link\":E(\error\",a);E(\load\",a);e=d;break;\ncase \details\":E(\toggle\",a);e=d;break;case
\input\":cb(a,d);e=bb(a,d);E(\invalid\",a);break;case \option\":e=d;break;case
\select\":a._wrapperState={wasMultiple:!!d.multiple};e=n({,d,{value:void 0});E(\invalid\",a);break;case
\textarea\":kb(a,d);e=jb(a,d);E(\invalid\",a);break;default:e=d}xb(c,e);var h=e;for(f in
h)if(h.hasOwnProperty(f)){var
k=h[f];\style\===f?vb(a,k):\dangerouslySetInnerHTML\===f?(k=k?k.__html:void
0,null!=k&&qb(a,k)):\children\===f?\string\===typeof
k?(\textarea\!==c||\!==k)&&rb(a,nk):\number\===typeof
k&&rb(a,\"+k):\suppressContentEditableWarning\!==f&&\suppressHydrationWarning\!==f&&\autoFocus\!
===f&&(da.hasOwnProperty(f)?null!=k&&\onScroll\===f&&E(\scroll\",a):null!=k&&ta(a,f,k,g))}switch(c){case
\input\":Za(a);gb(a,d,!1);break;case \textarea\":Za(a);mb(a);break;case
\option\":null!=d.value&&a.setAttribute(\value\,\"+Wa(d.value));break;case
\select\":a.multiple=!!d.multiple;f=d.value;null!=f?ib(a,!d.multiple,f,!1):null!=d.defaultValue&&ib(a,!d.multiple,
d.defaultValue,!0);break;\ndefault:\function\===typeof
e.onClick&&(a.onclick=zf)}Cf(c,d)&&(b.flags|=4)}null===b.ref&&(b.flags|=512,b.flags|=2097152)}U(b);return
null;case 6:if(a&&null!=b.stateNode)lj(a,b,a.memoizedProps,d);else{if(\string\!==typeof
d&&null===b.stateNode)throw
Error(r(166));a=Eh(Dh.current);Eh(Bh.current);nh(b)?(d=b.stateNode,a=b.memoizedProps,d[Of]=b,d.nodeValue===
a&&(b.flags|=4)):d=(9===a.nodeType?a.ownerDocument).createTextNode(d),d[Of]=b,b.stateNode=d)}U(b);retu
rn null;case 13:F(P);d=b.memoizedState;\nif(null===d&&null===d.dehydrated){d=nh(b);if(null===a){if(!d)throw
Error(r(318));d=b.memoizedState;d=null===d?d.dehydrated:null;if(!d)throw Error(r(317));d[Of]=b}else
oh(),0===(b.flags&128)&&(b.memoizedState=null),b.flags|=4;U(b);return null;if(0===(b.flags&128))return
b.lanes=c,b;d=null===d;c=!1,null===a?nh(b):c=null===a.memoizedState;d&&(f=b.child,g=null,null===f.alternate&
&null===f.alternate.memoizedState&&null===f.alternate.memoizedState.cachePool&&(g=f.alternate.memoizedStat
e.cachePool.pool),ne=null,null===f.memoizedState&&null===f.memoizedState.cachePool&&(e=f.memoizedState.c
achePool.pool),e!==g&&(f.flags|=2048));d&&!c&&(b.child.flags|=8192,0===(b.mode&1)&&(null===a||0===(P.cur
rent&1)?0===V&&(V=3):oj()));null!=b.updateQueue&&(b.flags|=4);U(b);return null;case 4:return
Gh(),jj(a,b),null===a&&uf(b.stateNode.containerInfo),U(b),null;case 10:return sg(b.type._context),U(b),null;case
17:return Zf(b.type)&&$f(),U(b),null;case 19:F(P);f=b.memoizedState;if(null===f)return
U(b),null;d=0===(b.flags&128);g=f.rendering;if(null===g)if(d)mj(f,!1);else{if(0===V||null===a&&0===(a.flags&
128))for(a=b.child;null===a;){g=Jh(a);if(null===g){b.flags|=128;mj(f,!1);d=g.updateQueue;null===d&&(b.updateQ
ueue=d,b.flags|=4);b.subtreeFlags=0;d=c;for(a=b.child;null===a;){c=a,f=d,c.flags&=14680066,g=c.alternate,null===
g?(c.childLanes=0,c.lanes=f,c.child=null,c.subtreeFlags=0,c.memoizedProps=null,c.memoizedState=null,c.updateQ
ueue=null,c.dependencies=null,c.stateNode=null):(c.childLanes=g.childLanes,c.lanes=g.lanes,\nc.child=g.child,c.su
btreeFlags=0,c.deletions=null,c.memoizedProps=g.memoizedProps,c.memoizedState=g.memoizedState,c.updateQu
ueue=g.updateQueue,c.type=g.type,f=g.dependencies,c.dependencies=null===f?null:{lanes:f.lanes,firstContext:f.first
Context}),a=a.sibling;H(P,P.current&1|2);return
b.child}a=a.sibling}null===f.tail&&C)>pj&&(b.flags|=128,d=!0,mj(f,!1),b.lanes=4194304)}else{if(!d)if(a=Jh(g),n
ull===a){if(b.flags|=128,d=!0,a=a.updateQueue,null===a&&(b.updateQueue=a,b.flags|=4),mj(f,!0),null===f.tail&&
\n\hidden\===f.tailMode&&!g.alternate&&!O)return U(b),null}else 2*C()-
f.renderingStartTime>pj&&1073741824!===c&&(b.flags|=128,d=!0,mj(f,!1),b.lanes=4194304);f.isBackwards?(g.sib
ling=b.child,b.child=g):(a=f.last,null===a?a.sibling=g:b.child=g,f.last=g)}if(null===f.tail)return
b=f.tail,f.rendering=b,f.tail=b.sibling,f.renderingStartTime=C(),b.sibling=null,a=P.current,H(P,d?a&1|2:a&1),b;U(b

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);return null;case 22:case 23:return
qj(),c=null!==(b.memoizedState,null!==(a&&null!==(a.memoizedState!==(c&&"unstable-defer-without-
hiding"!==(nd.mode&&23!==(b.tag&&(b.flags|=8192),c&&0!==(b.mode&1)?0!==(rj&1073741824)&&(U(b),23!==(b.tag&&b.subtreeFlags&6&&"unstable-defer-without-
hiding"!==(d.mode&&(b.flags|=8192)):U(b),d=null,null!==(b.alternate&&null!==(b.alternate.memoizedState&&null
!==(b.alternate.memoizedState.cachePool&&(d=b.alternate.memoizedState.cachePool.pool),a=null,null!==(b.memoiz
edState&&null!==(b.memoizedState.cachePool&&(a=b.memoizedState.cachePool.pool),a!==(d&&(b.flags|=2048),n
ull!==(b.updateQueue&&Wh(),null;case 24:return
d=null,\nnull!==(b.alternate&&(d=b.alternate.memoizedState.cache),b.memoizedState.cache!==(d&&(b.flags|=2048)
,sg(Q),U(b),null}throw Error(r(156,b.tag));}var sj=va.ReactCurrentOwner,xg=!1;function
tj(a,b,c,d){b.child=null===a?zh(b,null,c,d):yh(b,a.child,c,d)}function uj(a,b,c,d,e){c=c.render;var
f=b.ref;wg(b,e);d=gi(a,b,c,d,f,e);c=li();if(null!==(a&&!xg)return b.updateQueue=a.updateQueue,b.flags&=-
2053,a.lanes&=~e,vj(a,b,e);O&&c&&dh(b);b.flags|=1;tj(a,b,d,e);return b.child}\nfunction
wj(a,b,c,d,e){if(null===a){var f=c.type;if("function"===typeof f&&!xj(f)&&void
0===f.defaultProps&&null===c.compare&&void 0===c.defaultProps)return
b.tag=15,b.type=f,yj(a,b,f,d,e);a=vh(c.type,null,d,b,b.mode,e);a.ref=b.ref;a.return=b;return
b.child=a}f=a.child;if(0===(a.lanes&e)){var
g=f.memoizedProps;c=c.compare;c=null===c?c:Ke;if(c(g,d)&&a.ref===b.ref)return
vj(a,b,e)}b.flags|=1;a=th(f,d);a.ref=b.ref;a.return=b;return b.child=a}\nfunction
yj(a,b,c,d,e){if(null!==(a&&Ke(a.memoizedProps,d)&&a.ref===b.ref)if(xg=!1,0!==(a.lanes&e)0!==(a.flags&1310
72)&&(xg=!0);else return b.lanes=a.lanes,vj(a,b,e);return zj(a,b,c,d,e)}\nfunction Aj(a,b,c){var
d=b.pendingProps,e=d.children,f=null!==(a?a.memoizedState:null,g=null;if("\hidden"===d.mode||"unstable-defer-
without-
hiding"===d.mode)if(0===(b.mode&1))b.memoizedState={baseLanes:0,cachePool:null},H(Bj,rj),rj|=c;else
if(0!==(c&1073741824))null!==(f&&(d=f.cachePool,null!==(d&&(g=Uh(b,d))),b.memoizedState={baseLanes:0,cac
hePool:null},f=null!==(f?f.baseLanes:c,H(Bj,rj),rj|=f;else return
null!==(f?(a=f.baseLanes|c,g=null===Oh?null:{parent:Q._currentValue,pool:Oh}):a=c,b.lanes=b.childLanes=\n1073
741824,b.memoizedState={baseLanes:a,cachePool:g},b.updateQueue=null,b=a,H(Bj,rj),rj|=b,null;else
null!==(f?(d=f.baseLanes|c,f=f.cachePool,null!==(f&&(g=Uh(b,f)),b.memoizedState=null):d=c,f=d,H(Bj,rj),rj|=f;b.up
dateQueue=g;tj(a,b,e,c);return b.child}function Cj(a,b){var
c=b.ref;if(null===a&&null===c||null!==(a&&a.ref!==(c)b.flags|=512,b.flags|=2097152)}\nfunction zj(a,b,c,d,e){var
f=Zf(c)?Xf:K.current;f=Yf(b,f);wg(b,e);c=gi(a,b,c,d,f,e);d=li();if(null!==(a&&!xg)return
b.updateQueue=a.updateQueue,b.flags&=-2053,a.lanes&=~e,vj(a,b,e);O&&d&&dh(b);b.flags|=1;tj(a,b,c,e);return
b.child}\nfunction Dj(a,b,c,d,e){if(Zf(c)){var f=!0;cg(b)}else
f=!1;wg(b,e);if(null===b.stateNode)null!==(a&&(a.alternate=null,b.alternate=null,b.flags|=2),Qg(b,c,d),Sg(b,c,d,e),d
=!0;else if(null===a){var g=b.stateNode,h=b.memoizedProps;g.props=h;var
k=g.context,l=c.contextType;"object"===typeof l&&null!==(l?l=yg(l):(l=Zf(c)?Xf:K.current,l=Yf(b,l));var
p=c.getDerivedStateFromProps,t="\function"===typeof p||"\function"===typeof
g.getSnapshotBeforeUpdate;t||"\function"!==typeof
g.UNSAFE_componentWillReceiveProps&&\n"\function"!==typeof
g.componentWillReceiveProps||(h!==(d||k!==(l))&&Rg(b,g,d,l);Ag=!1;var
w=b.memoizedState;g.state=w;Gg(b,d,g,e);k=b.memoizedState;h!==(d||w!==(k||Wf.current||Ag?("\function"===type
of p&&(Kg(b,c,p,d),k=b.memoizedState),(h=Ag||Pg(b,c,h,d,w,k,l))?(t||"\function"!==typeof
g.UNSAFE_componentWillMount&&"\function"!==typeof g.componentWillMount||("\function"===typeof
g.componentWillMount&&g.componentWillMount(),"\function"===typeof
g.UNSAFE_componentWillMount&&g.UNSAFE_componentWillMount()),"\function"===\ntypeof
g.componentDidMount&&(b.flags|=4194308)):("\function"===typeof
g.componentDidMount&&(b.flags|=4194308),b.memoizedProps=d,b.memoizedState=k),g.props=d,g.state=k,g.cont

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ext=l,d=h):(\function\===typeof
g.componentDidMount&&(b.flags|=4194308),d=!1)}else{g=b.stateNode;Cg(a,b);h=b.memoizedProps;l=b.type===
b.elementType?h:lg(b.type,h);g.props=l;t=b.pendingProps;w=g.context;k=c.contextType;\object\===typeof
k&&null!===k?k=yg(k):(k=Zf(c)?Xf:K.current,k=Yf(b,k));var
y=c.getDerivedStateFromProps;(p=\function\===\ntypeof y||\function\===typeof
g.getSnapshotBeforeUpdate)||\function\!===typeof
g.UNSAFE_componentWillReceiveProps&&\function\!===typeof
g.componentWillReceiveProps||(h!=t||w!=k)&&Rg(b,g,d,k);Ag=!1;w=b.memoizedState;g.state=w;Gg(b,d,g,e);va
r m=b.memoizedState;h!=t||w!=m||Wf.current||Ag?(\function\===typeof
y&&(Kg(b,c,y,d),m=b.memoizedState),(l=Ag||Pg(b,c,l,d,w,m,k)||1)?(p|\function\!===typeof
g.UNSAFE_componentWillUpdate&&\function\!===typeof g.componentWillUpdate||(\function\===typeof
g.componentWillUpdate&&\ng.componentWillUpdate(d,m,k),\function\===typeof
g.UNSAFE_componentWillUpdate&&g.UNSAFE_componentWillUpdate(d,m,k),\function\===typeof
g.componentDidUpdate&&(b.flags|=4),\function\===typeof
g.getSnapshotBeforeUpdate&&(b.flags|=1024):(\function\!===typeof
g.componentDidUpdate||h===a.memoizedProps&&w===a.memoizedState||(b.flags|=4),\function\!===typeof
g.getSnapshotBeforeUpdate||h===a.memoizedProps&&w===a.memoizedState||(b.flags|=1024),b.memoizedProps=
d,b.memoizedState=m),g.props=d,g.state=m,g.context=\nk,d=1):(\function\!===typeof
g.componentDidUpdate||h===a.memoizedProps&&w===a.memoizedState||(b.flags|=4),\function\!===typeof
g.getSnapshotBeforeUpdate||h===a.memoizedProps&&w===a.memoizedState||(b.flags|=1024),d=!1)}return
Ej(a,b,c,d,f,e)\nfunction Ej(a,b,c,d,e,f){Cj(a,b);var g=0!==(b.flags&128);if(!d&&!g)return
e&&dg(b,c,!1),vj(a,b,f);d=b.stateNode;sj.current=b;var h=g&&\function\!===typeof
c.getDerivedStateFromError?null:d.render();b.flags|=1;null!===a&&g?(b.child=yh(b,a.child,null,f),b.child=yh(b,null,
h,f)):tj(a,b,h,f);b.memoizedState=d.state;e&&dg(b,c,!0);return b.child}function Fj(a){var
b=a.stateNode;b.pendingContext?ag(a,b.pendingContext,b.pendingContext!==b.context):b.context&&ag(a,b.context
,!1);Fh(a,b.containerInfo)}\nvar Gj={dehydrated:null,treeContext:null,retryLane:0};function
Hj(a){return{baseLanes:a.cachePool:Xh()}}function Ij(a,b){var c=a.cachePool;if(null!===c){var
d=Q._currentValue;c=c.parent!===d?{parent:d,pool:d}:c}else
c=Xh();return{baseLanes:a.baseLanes|b.cachePool:c}}\nfunction Jj(a,b,c){var
d=b.pendingProps,e=P.current,f=!1,g=0!==(b.flags&128),h;(h=g)||h=null!===a&&null===a.memoizedState?!1:0!==(
e&2));if(h)f=!0,b.flags&=-129;else
if(null===a||null!===a.memoizedState)e|=1;H(P,e&1);if(null===a){lh(b);a=b.memoizedState;if(null!===a&&(a=a.deh
ydrated,null!===a))return
0===(b.mode&1)?b.lanes=1:\$!\===a.data?b.lanes=8:b.lanes=1073741824,null;a=d.children;e=d.fallback;return
f?(a=Kj(b,a,e,c),b.child.memoizedState=Hj(c),b.memoizedState=Gj,a):\function\===typeof
d.unstable_expectedLoadTime?\n(a=Kj(b,a,e,c),b.child.memoizedState=Hj(c),b.memoizedState=Gj,b.lanes=419430
4,a):Lj(b,a)}e=a.memoizedState;if(null!===e){h=e.dehydrated;if(null!===h){if(g){if(b.flags&256)return b.flags&=-
257,Mj(a,b,c);if(null!===b.memoizedState)return
b.child=a.child,b.flags|=128,null;f=d.fallback;e=b.mode;d=Nj({mode:\visible\,children:d.children},e,0,null);f=xh(
f,e,c,null);f.flags|=2;d.return=b;f.return=b;d.sibling=f;b.child=d;0!==(b.mode&1)&&yh(b,a.child,null,c);b.child.me
moizedState=Hj(c);b.memoizedState=Gj;return
f}if(0!==(N(N&8)||0===(b.mode&1)||\$!\===h.data)b=Mj(a,b,c);else
if(d=0!==(c&a.childLanes),xg||d){d=L;if(null!===d){switch(c&-c){case 4:f=2;break;case 16:f=8;break;case 64:case
128:case 256:case 512:case 1024:case 2048:case 4096:case 8192:case 16384:case 32768:case 65536:case
131072:case 262144:case 524288:case 1048576:case 2097152:case 4194304:case 8388608:case 16777216:case
33554432:case 67108864:f=32;break;case
536870912:f=268435456;break;default:f=0}d=0!==(f&(d.suspendedLanes|c))?0:f;0!===d&&d!===e.retryLane&&\n(
e.retryLane=d,Ng(a,d,-

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1))oj();b=Mj(a,b,c)}else{"$?"===h.data?(b.flags|=128,b.child=a.child,b=Oj.bind(null,a),h._reactRetry=b,b=null):(
c=e.treeContext,gh=Lf(h.nextSibling),fh=b,O=!0,null!==(c&&(Xg[Yg++]=$g,Xg[Yg++]=ah,Xg[Yg++]=Zg,$g=c.id,
ah=c.overflow,Zg=b),b=Lj(b,b.pendingProps.children),b.flags|=4096);return b}if(f)return
d=Pj(a,b,d.children,d.fallback,c),f=b.child,e=a.child.memoizedState,f.memoizedState=null===e?Hj(c):Ij(e,c),f.child
Lanes=a.childLanes&~c,b.memoizedState=Gj,d;c=Qj(a,b,d.children,\nc);b.memoizedState=null;return c}if(f)return
d=Pj(a,b,d.children,d.fallback,c),f=b.child,e=a.child.memoizedState,f.memoizedState=null===e?Hj(c):Ij(e,c),f.child
Lanes=a.childLanes&~c,b.memoizedState=Gj,d;c=Qj(a,b,d.children,c);b.memoizedState=null;return c}function
Lj(a,b){b=Nj({mode:"visible",children:b},a.mode,0,null);b.return=a;return a.child=b}\nfunction Kj(a,b,c,d){var
e=a.mode,f=a.child;b={mode:"hidden",children:b};0===(e&1)&&null!==(f?(f.childLanes=0,f.pendingProps=b):f=
Nj(b,e,0,null);c=xh(c,e,d,null);f.return=a;c.return=a;f.sibling=c;a.child=f;return c}function Qj(a,b,c,d){var
e=a.child;a=e.sibling;c=th(e,{mode:"visible",children:c});0===(b.mode&1)&&(c.lanes=d);c.return=b;c.sibling=nu
ll;null!==(a&&(d=b.deletions,null===d?(b.deletions=[a],b.flags|=16):d.push(a));return b.child=c}\nfunction
Pj(a,b,c,d,e){var f=b.mode;a=a.child;var
g=a.sibling,h={mode:"hidden",children:c};0===(f&1)&&b.child!==a?(c=b.child,c.childLanes=0,c.pendingProps=
h,b.deletions=null):(c=th(a,h),c.subtreeFlags=a.subtreeFlags&14680064);null!==(g?d=th(g,d):(d=xh(d,f,e,null),d.flag
s|=2);d.return=b;c.return=b;c.sibling=d;b.child=c;return d}function
Mj(a,b,c){yh(b,a.child,null,c);a=Lj(b,b.pendingProps.children);a.flags|=2;b.memoizedState=null;return a}\nfunction
Rj(a,b,c){a.lanes|=b;var d=a.alternate;null!==(d&&(d.lanes|=b);tg(a.return,b,c)}function Sj(a,b,c,d,e){var
f=a.memoizedState;null===f?a.memoizedState={isBackwards:b,rendering:null,renderingStartTime:0,last:d,tail:c,tai
lMode:e):(f.isBackwards=b,f.rendering=null,f.renderingStartTime=0,f.last=d,f.tail=c,f.tailMode=e)\nfunction
Tj(a,b,c){var
d=b.pendingProps,e=d.revealOrder,f=d.tail;tj(a,b,d.children,c);d=P.current;if(0!==(d&2))d=d&1|2,b.flags|=128;else
{if(null!==(a&&0!==(a.flags&128))a:for(a=b.child;null!==(a);){if(13===a.tag)null!==(a.memoizedState&&Rj(a,c,b));e
lse if(19===a.tag)Rj(a,c,b);else if(null!==(a.child){a.child.return=a;a=a.child;continue}if(a===b)break
a;for(;null===a.sibling;){if(null===a.return||a.return===b)break
a;a=a.return}a.sibling.return=a.return;a=a.sibling}d&=1}H(P,d);if(0===(b.mode&1))b.memoizedState=null;else
switch(e){case
"forwards":c=b.child;for(e=null;null!==(c);)a=c.alternate,null!==(a&&null===Jh(a)&&(e=c),c=c.sibling;c=e;null==
=c?(e=b.child,b.child=null):(e=c.sibling,c.sibling=null);Sj(b,!1,e,c,f);break;case
"backwards":c=null;e=b.child;for(b.child=null;null!==(e);){a=e.alternate;if(null!==(a&&null===Jh(a)){b.child=e;bre
ak}a=e.sibling;e.sibling=c;c=e;e=a}Sj(b,!0,c,null,f);break;case "together":Sj(b,!1,null,null,void
0);break;default:b.memoizedState=null}return b.child}\nfunction
vj(a,b,c){null!==(a&&(b.dependencies=a.dependencies);Hg|=b.lanes;if(0===(c&b.childLanes))return
null;if(null!==(a&&b.child!==a.child)throw
Error(r(153));if(null!==(b.child){a=b.child;c=th(a,a.pendingProps);b.child=c;for(c.return=b;null!==(a.sibling);)a=a.sib
ling,c=c.sibling=th(a,a.pendingProps),c.return=b;c.sibling=null}return b.child}\nfunction
Uj(a,b,c){switch(b.tag){case 3:Fj(b);var d=b.stateNode;rg(b,Q,a.memoizedState.cache);Sh(d);oh();break;case
5:Hh(b);break;case 1:Zf(b.type)&&cg(b);break;case 4:Fh(b,b.stateNode.containerInfo);break;case
10:rg(b,b.type._context,b.memoizedProps.value);break;case
13:d=b.memoizedState;if(null!==(d){if(null!==(d.dehydrated))return
H(P,P.current&1),b.flags|=128,null;if(0!==(c&b.child.childLanes))return
Jj(a,b,c);H(P,P.current&1);a=vj(a,b,c);return null!==(a.sibling;null}H(P,P.current&1);break;case
19:d=\n0!==(c&b.childLanes);if(0!==(a.flags&128)){if(d)return Tj(a,b,c);b.flags|=128}var
e=b.memoizedState;null!==(e&&(e.rendering=null,e.tail=null,e.lastEffect=null);H(P,P.current);if(d)break;else return
null;case 22:case 23:return b.lanes=0,Aj(a,b,c);case 24:rg(b,Q,a.memoizedState.cache)}return vj(a,b,c)}\nfunction
Vj(a,b){eh(a);switch(a.tag){case 1:return Zf(a.type)&&$f(),b=a.flags,b&65536?(a.flags=b&-65537|128,a):null;case
3:Th(a.stateNode,b);sg(Q);Gh();F(Wf);F(K);Lh();b=a.flags;if(0!==(b&128))throw Error(r(285));a.flags=b&-
65537|128;return a;case 5:return Ih(a),null;case

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13:F(P);b=a.memoizedState;if(null!==b&&null!==b.dehydrated){if(null===a.alternate)throw
Error(r(340));oh()}b=a.flags;return b&65536?(a.flags=b&-65537|128,a):null;case 19:return F(P),null;case 4:return
Gh(),null;case 10:return sg(a.type._context),\nnull;case 22:case 23:return
qj(),null!==a.updateQueue&&Wh(),null;case 24:return sg(Q),null;default:return null }var
Wj=!1,Xj=!1,Yj=\`function\`===typeof WeakSet?WeakSet:Set,W=null;function Zj(a,b){var
c=a.ref;if(null!==c)if(\`function\`===typeof c)try{c(null)}catch(d){ak(a,b,d)}else c.current=null}function
bk(a,b,c){try{c()}catch(d){ak(a,b,d)}}var ck=!1;\nfunction dk(a,b){Af=fd;a=Oe();if(Pe(a)){if(\`selectionStart\`in
a)var c={start:a.selectionStart,end:a.selectionEnd};else a:{c=(c=a.ownerDocument)&&c.defaultView||window;var
d=c.getSelection&&c.getSelection();if(d&&0!==d.rangeCount){c=d.anchorNode;var
e=d.anchorOffset,f=d.focusNode;d=d.focusOffset;try{c.nodeType,f.nodeType}catch(I){c=null;break a}var g=0,h=-
1,k=-1,l=0,p=0,t=a,w=null;b:for(;;){for(var
y;;){t!==(c||0)!==e&&3!==t.nodeType||(h=g+e);t!==(f||0)!==d&&3!==t.nodeType||(k=g+d);3===t.nodeType&&(g+=\n
t.nodeValue.length);if(null===(y=t.firstChild))break;w=t;t=y}for(;;){if(t===a)break
b;w===c&&+1===e&&(h=g);w===f&&+1===p===d&&(k=g);if(null===(y=t.nextSibling))break;t=w;w=t.parentNod
e}t=y}c=-1===h|-1===k?null:{start:h,end:k}}else c=null}c=c||{start:0,end:0}}else
c=null;Bf={focusedElem:a,selectionRange:c};fd=!1;for(W=b;null!==W;){if(b=W,a=b.child,0!==(b.subtreeFlags&10
28)&&null!==a)a.return=b,W=a;else for(;null!==W;){b=W;try{var
m=b.alternate;if(0!==(b.flags&1024))switch(b.tag){case 0:case 11:case 15:break;\ncase 1:if(null===m){var
x=m.memoizedProps,G=m.memoizedState,u=b.stateNode,q=u.getSnapshotBeforeUpdate(b.elementType===b.type
?x:lg(b.type,x),G);u.__reactInternalSnapshotBeforeUpdate=q}break;case 3:var
v=b.stateNode.containerInfo;if(1===v.nodeType)v.textContent=\`"\`;else if(9===v.nodeType){var
B=v.body;null!==B&&(B.textContent=\`"\`)}break;case 5:case 6:case 4:case 17:break;default:throw
Error(r(163));} }catch(I){ak(b,b.return,I)}a=b.sibling;if(null!==a){a.return=b.return;W=a;break}W=b.return}m=ck;c
k=!1;return m}\nfunction ek(a,b,c){var d=b.updateQueue;d=null!==d?d.lastEffect:null;if(null!==d){var
e=d.d.next;do{if((e.tag&a)===a){var f=e.destroy;e.destroy=void 0;void
0!==f&&bk(b,c,f)}e=e.next}while(e===d)}}function
fk(a,b){b=b.updateQueue;b=null!==b?b.lastEffect:null;if(null!==b){var c=b.b.next;do{if((c.tag&a)===a){var
d=c.create;c.destroy=d()}c=c.next}while(c===b)}}function gk(a){var b=a.ref;if(null!==b){var
c=a.stateNode;switch(a.tag){case 5:a=c;break;default:a=c}\`function\`===typeof b?b(a):b.current=a}}\nfunction
hk(a,b,c){if(nc&&\`function\`===typeof
nc.onCommitFiberUnmount)try{nc.onCommitFiberUnmount(mc,b)}catch(g){}switch(b.tag){case 0:case 11:case
14:case 15:a=b.updateQueue;if(null!==a&&(a=a.lastEffect,null!==a)){var d=a.a.next;do{var
e=d,f=e.destroy;e=e.tag;void
0!==f&&(0!==(e&2)?bk(b,c,f):0!==(e&4)&&bk(b,c,f));d=d.next}while(d===a)}break;case
1:Zj(b,c);a=b.stateNode;if(\`function\`===typeof
a.componentWillUnmount)try{a.props=b.memoizedProps,a.state=b.memoizedState,a.componentWillUnmount()}ca
tch(g){ak(b,\nc,g)}break;case 5:Zj(b,c);break;case 4:ik(a,b,c)}}function jk(a){var
b=a.alternate;null!==b&&(a.alternate=null,jk(b));a.child=null;a.deletions=null;a.sibling=null;5===a.tag&&(b=a.stat
eNode,null!==b&&(delete b[Of],delete b[Pf],delete b[qf],delete b[Qf],delete
b[Rf]));a.stateNode=null;a.return=null;a.dependencies=null;a.memoizedProps=null;a.memoizedState=null;a.pendin
gProps=null;a.stateNode=null;a.updateQueue=null}function kk(a){return
5===a.tag||3===a.tag||4===a.tag}\nfunction lk(a){a:for(var b=a.return;null!==b;){if(kk(b))break
a;b=b.return}throw Error(r(160));}var c=b;b=c.stateNode;switch(c.tag){case 5:var d=!1;break;case
3:b=b.containerInfo;d=!0;break;case 4:b=b.containerInfo;d=!0;break;default:throw
Error(r(161));}c.flags&32&&(rb(b,\`"\`),c.flags&=
33);a:b:for(c=a;){for(;null===c.sibling;){if(null===c.return||kk(c.return)){c=null;break
a}c=c.return}c.sibling.return=c.return;for(c=c.sibling;5===c.tag&&6===c.tag&&18===c.tag;){if(c.flags&2)continue
b;if(null===\nc.child||4===c.tag)continue b;else c.child.return=c,c=c.child}if(!(c.flags&2)){c=c.stateNode;break

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a } }d?mk(a,c,b):nk(a,c,b)}\nfunction mk(a,b,c){ var
d=a.tag;if(5===d||6===d)a=a.stateNode,b?8===c.nodeType?c.parentNode.insertBefore(a,b):c.insertBefore(a,b):(8===c.nodeType?(b=c.parentNode,b.insertBefore(a,c)):(b=c,b.appendChild(a)),c=c._reactRootContainer,null!==c&&void 0!==c||null!==b.onclick||(b.onclick=zf));else
if(4!==d&&(a=a.child,null!==a))for(mk(a,b,c),a=a.sibling;null!==a;)mk(a,b,c),a=a.sibling}\nfunction nk(a,b,c){ var
d=a.tag;if(5===d||6===d)a=a.stateNode,b?c.insertBefore(a,b):c.appendChild(a);else
if(4!==d&&(a=a.child,null!==a))for(nk(a,b,c),a=a.sibling;null!==a;)nk(a,b,c),a=a.sibling}\nfunction
ik(a,b,c){ for(var d=b,e=!1,f,g;;){ if(!e){ e=d.return;a:for(;;){ if(null===e)throw
Error(r(160));f=e.stateNode;switch(e.tag){ case 5:g=!1;break a;case 3:f=f.containerInfo;g=!0;break a;case
4:f=f.containerInfo;g=!0;break a }e=e.return }e=!0}if(5===d.tag||6===d.tag){ a:for(var
h=a,k=d,l=c,p=k;;)if(hk(h,p,l),null!==p.child&&4!==p.tag)p.child.return=p,p=p.child;else{ if(p===k)break
a;for(;;null===p.sibling;){ if(null===p.return||p.return===k)break
a;p=p.return }p.sibling.return=p.return;p=p.sibling }g?(h=\nf,k=d.stateNode,8===h.nodeType?h.parentNode.remove
Child(k):h.removeChild(k)):f.removeChild(d.stateNode) }else
if(18===d.tag)g?(h=f,k=d.stateNode,8===h.nodeType?Kf(h.parentNode,k):l===h.nodeType&&Kf(h,k),dd(h)):Kf(f
,d.stateNode);else
if(4===d.tag){ if(null!==d.child){ f=d.stateNode.containerInfo;g=!0;d.child.return=d;d=d.child;continue } }else
if(hk(a,d,c),null!==d.child){ d.child.return=d;d=d.child;continue }if(d===b)break;for(;;null===d.sibling;){ if(null===
d.return||d.return===b)return;d=d.return;4===d.tag&&\n(e=!1) }d.sibling.return=d.return;d=d.sibling } }\nfunction
ok(a,b){ switch(b.tag){ case 0:case 11:case 14:case 15:ek(3,b,b.return);fk(3,b);ek(5,b,b.return);return;case
1:return;case 5:var c=b.stateNode;if(null!==c){ var d=b.memoizedProps,e=null!==a?a.memoizedProps:d;a=b.type;var
f=b.updateQueue;b.updateQueue=null;if(null===f){ \"input\"===a&&\"radio\"===d.type&&null!==d.name&&db(c,d)
;yb(a,e);b=yb(a,d);for(e=0;e<f.length;e+=2){ var
g=f[e],h=f[e+1];\"style\"===g?vb(c,h):\"dangerouslySetInnerHTML\"===g?qb(c,h):\"children\"===g?rb(c,h):ta(c,g,
h,b)}switch(a){ case \"input\":eb(c,nd);break;case \"textarea\":lb(c,d);break;case
\"select\":a=c._wrapperState.wasMultiple,c._wrapperState.wasMultiple=!d.multiple,f=d.value,null!==f?ib(c,!d.multiple,f,!1):a=!d.multiple&&(null!==d.defaultValue?ib(c,!d.multiple,d.defaultValue,!0):ib(c,!d.multiple,d.multiple
?[]:\"\",!1))}c[Pf]=d } }return;case 6:if(null===b.stateNode)throw
Error(r(162));b.stateNode.nodeValue=b.memoizedProps;return;case
3:c=b.stateNode;c.isDehydrated&&(c.isDehydrated=!1,dd(c.containerInfo));return;case 12:return;case
13:pk(b);\nreturn;case 19:pk(b);return;case 17:return }throw Error(r(163));}function pk(a){ var
b=a.updateQueue;if(null===b){ a.updateQueue=null;var c=a.stateNode,null===c&&(c=a.stateNode=new
Yj);b.forEach(function(b){ var d=qk.bind(null,a,b);c.has(b)||(c.add(b),b.then(d,d)) } ) }\nfunction
rk(a,b){ for(W=b;null!==W;){ b=W;var c=b.deletions;if(null===c)for(var d=0;d<c.length;d++){ var
e=c[d];try{ ik(a,e,b);var
f=e.alternate;null!==f&&(f.return=null);e.return=null } catch(J){ ak(e,b,J) } }c=b.child;if(0===(b.subtreeFlags&12854)
&&null!==c)c.return=b,W=c;else for(;;null!==W;){ b=W;try{ var
g=b.flags;g&32&&rb(b.stateNode,\"\");if(g&512){ var h=b.alternate;if(null!==h){ var
k=h.ref;null!==k&&(\"function\"===typeof k?k(null):k.current=null) } }if(g&8192)switch(b.tag){ case
13:if(null===b.memoizedState){ var l=\nb.alternate;if(null===l||null===l.memoizedState)sk=C() } break;case 22:var
p=null!==b.memoizedState,t=b.alternate,w=null!==t&&null!==t.memoizedState;c=b;a: { d=c;e=p;for(var
y=null,m=d;;){ if(5===m.tag){ if(null===y){ y=m;var x=m.stateNode;if(e){ var G=x.style;\"function\"===typeof
G.setProperty?G.setProperty(\"display\", \"none\", \"important\"):G.display=\"none\" } else{ var
u=m.stateNode,q=m.memoizedProps.style,v=void
0!===q&&null!==q&&q.hasOwnProperty(\"display\")?q.display:null;u.style.display=ub(\"display\",v) } } } else
if(6===\nm.tag)null===y&&(m.stateNode.nodeValue=e?\"\":m.memoizedProps);else
if((22===m.tag&&23===m.tag||null===m.memoizedState||m===d)&&null!==m.child){ m.child.return=m;m=m.child
d;continue } if(m===d)break;for(;;null===m.sibling;){ if(null===m.return||m.return===d)break

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a;y===m&&(y=null);m=m.return }y===m&&(y=null);m.sibling.return=m.return;m=m.sibling } }if(p&&!w&&0!==(
c.mode&1)){W=c;for(var B=c.child;null!==(B);){for(c=W=B;null!==(W);){d=W;var I=d.child;switch(d.tag){case
0:case 11:case 14:case 15:ek(4,d,d.return);break;\ncase 1:Zj(d,d.return);var M=d.stateNode;if("\function\")==typeof
M.componentWillUnmount){ var
Y=d.return;try{M.props=d.memoizedProps,M.state=d.memoizedState,M.componentWillUnmount()}catch(J){ak(d,
Y,J)} }break;case 5:Zj(d,d.return);break;case
22:if(null!==(d.memoizedState){tk(c);continue } }null!==(I?(I.return=d,W=I):tk(c))B=B.sibling } }switch(g&4102){c
ase 2:lk(b);b.flags&=-3;break;case 6:lk(b);b.flags&=-3;ok(b.alternate,b);break;case 4096:b.flags&=-4097;break;case
4100:b.flags&=-4097;ok(b.alternate,b);break;\ncase
4:ok(b.alternate,b)} }catch(J){ak(b,b.return,J)}c=b.sibling;if(null!==(c){c.return=b.return;W=c;break }W=b.return } }
function uk(a,b,c){W=a;vk(a,b,c)}\nfunction vk(a,b,c){for(var d=0!==(a.mode&1);null!==(W);){var
e=W,f=e.child;if(22===e.tag&&d){var g=null!==(e.memoizedState||Wj;if(!g){var
h=e.alternate,k=null!==(h&&null!==(h.memoizedState||Xj);h=Wj;var
l=Xj;Wj=g;if((Xj=k)&&!l)for(W=e;null!==(W);)g=W,k=g.child,22===g.tag&&null!==(g.memoizedState?wk(e):null!
==k?(k.return=g,W=k):wk(e);for(;null!==(f);)W=f,vk(f,b,c),f=f.sibling;W=e;Wj=h;Xj=l}xk(a,b,c)}else
0!==(e.subtreeFlags&8772)&&null!==(f?(f.return=e,W=f):xk(a,b,c))}\nfunction xk(a){for(;null!==(W);){var
b=W;if(0!==(b.flags&8772)){var c=b.alternate;try{if(0!==(b.flags&8772))switch(b.tag){case 0:case 11:case
15:Xj||fk(5,b);break;case 1:var d=b.stateNode;if(b.flags&4&&!Xj)if(null===c)d.componentDidMount();else{var
e=b.elementType===b.type?c.memoizedProps:lg(b.type,c.memoizedProps);d.componentDidUpdate(e,c.memoizedS
tate,d.__reactInternalSnapshotBeforeUpdate)}var f=b.updateQueue;null!==(f&&Ig(b,f,d));break;case 3:var
g=b.updateQueue;if(null!==(g){c=null;if(null!==(b.child)switch(b.child.tag){case 5:c=\nb.child.stateNode;break;case
1:c=b.child.stateNode }Ig(b,g,c)}break;case 5:var
h=b.stateNode;null===c&&b.flags&4&&(c=h,Cf(b.type,b.memoizedProps)&&c.focus());break;case 6:break;case
4:break;case 12:break;case 13:if(null===b.memoizedState){var k=b.alternate;if(null!==(k){var
l=k.memoizedState;if(null!==(l){var p=l.dehydrated;null!==(p&&dd(p))} }break;case 19:case 17:case 21:case
22:case 23:break;default:throw
Error(r(163));}Xj||b.flags&512&&gk(b)}catch(t){ak(b,b.return,t)} }if(b===a){W=null;break }c=b.sibling;\nif(null!==(
c){c.return=b.return;W=c;break }W=b.return } }function tk(a){for(;null!==(W);){var
b=W;if(b===a){W=null;break }var c=b.sibling;if(null!==(c){c.return=b.return;W=c;break }W=b.return } }\nfunction
wk(a){for(;null!==(W);){var b=W;try{switch(b.tag){case 0:case 11:case 15:var
c=b.return;try{fk(4,b)}catch(k){ak(b,c,k)}break;case 1:var d=b.stateNode;if("\function\")==typeof
d.componentDidMount){var e=b.return;try{d.componentDidMount()}catch(k){ak(b,e,k)} }var
f=b.return;try{gk(b)}catch(k){ak(b,f,k)}break;case 5:var
g=b.return;try{gk(b)}catch(k){ak(b,g,k)} } }catch(k){ak(b,b.return,k)}if(b===a){W=null;break }var
h=b.sibling;if(null!==(h){h.return=b.return;W=h;break }W=b.return } }\nvar
yk=Math.ceil,zk=va.ReactCurrentDispatcher,Ak=va.ReactCurrentOwner,Bk=va.ReactCurrentBatchConfig,N=0,L=
null,X=null,Z=0,rj=0,Bj=Uf(0),V=0,Ck=null,Hg=0,Dk=0,Ek=0,Fk=0,sk=0,pj=Infinity;function
Gk(){pj=C()+500}var cj=!1,dj=null,fj=null,Hk=!1,Ik=null,Jk=0,Kk=0,Lk=0,Mk=null,Nk=-1,Ok=0;function
Lg(){return 0!==(N&6)?C():-1!==(Nk?Nk:Nk=C())}\nfunction Mg(a){if(0===(a.mode&1))return
1;if(0!==(N&2)&&0!==(Z)return Z&-Z;if(0!==(kg.transition)return
0===Ok&&(a=tc,tc<<=1,0===(tc&4194240)&&(tc=64),Ok=a),Ok;a=D;if(0!==(a)return a;a=window.event;a=void
0===a?16:ld(a.type);return a}function Ng(a,b,c){if(50<Lk)throw Lk=0,Mk=null,Error(r(185));var
d=Pk(a,b);if(null===d)return
null;Bc(d,b,c);0!==(N&2)&&d===L?Ek|=b:(d===L&&(0===(N&2)&&(Dk|=b),4===V&&Qk(d,Z)),Rk(d,c),1===
b&&0===N&&0===(a.mode&1)&&(Gk(),fg&&jg()));return d}\nfunction Pk(a,b){a.lanes|=b;var
c=a.alternate;null!==(c&&(c.lanes|=b);c=a;for(a=a.return;null!==(a);a.childLanes|=b,c=a.alternate,null!==(c&&(c.chil
dLanes|=b),c=a,a=a.return;return 3===c.tag?c.stateNode:null)\nfunction Rk(a,b){var c=a.callbackNode;yc(a,b);var
d=wc(a,a===L?Z:0);if(0===d)null!==(c&&dc(c),a.callbackNode=null,a.callbackPriority=0;else if(b=d&-

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d,a.callbackPriority!==(b){null!=c&&dc(c);if(1===b)0===a.tag?ig(Sk.bind(null,a)):hg(Sk.bind(null,a)),Jf(function()
{0===N&&jg()}),c=null;else{switch(Fc(d)){case 1:c=hc;break;case 4:c=ic;break;case 16:c=jc;break;case
536870912:c=lc;break;default:c=jc}c=Tk(c,Uk.bind(null,a))}a.callbackPriority=b;a.callbackNode=c}}\nfunction
Uk(a,b){Nk=-1;Ok=0;if(0!==(N&6))throw Error(r(327));var
c=a.callbackNode;if(Vk())&&a.callbackNode!==(c)return null;var d=wc(a,a===L?Z:0);if(0===d)return
null;if(0!==(d&30)||0!==(d&a.expiredLanes)||b)=Wk(a,d);else{b=d;var e=N;N|=2;var
f=Xk();if(L!==(a||Z)!==(b))Gk(),Yk(a,b);do
try{Zk();break}catch(h){$k(a,h)}while(1);qg();zk.current=f;N=e;null!==(X?b=0:(L=null,Z=0,b=V))}if(0!==(b){2===
b&&(e=zc(a),0!==(e&&(d=e,b=al(a,e)));if(1===b)throw
c=Ck,Yk(a,0),Qk(a,d),Rk(a,C()),c;e=a.current.alternate;if(0===\n(d&30)&&!bl(e)&&(b=Wk(a,d),2===b&&(f=zc(a
),0!==(f&&(d=f,b=al(a,f))),1===b))throw
c=Ck,Yk(a,0),Qk(a,d),Rk(a,C()),c;a.finishedWork=e;a.finishedLanes=d;switch(b){case 0:case 1:throw
Error(r(345));case 2:cl(a);break;case 3:Qk(a,d);if((d&130023424)===d&&(b=sk+500-
C(),10<b)){if(0!==(wc(a,0))break;e=a.suspendedLanes;if((e&d)!==(d){Lg();a.pingedLanes|=a.suspendedLanes&e;br
eak}a.timeoutHandle=Ef(cl.bind(null,a),b);break}cl(a);break;case
4:Qk(a,d);if((d&4194240)===d)break;b=a.eventTimes;for(e=-1;0<d;){var g=31-
\nqc(d);f=1<<g;g=b[g];g>e&&(e=g);d&=~f)d=e;d=C()-
d;d=(120>d?120:480>d?480:1080>d?1080:1920>d?1920:3E3>d?3E3:4320>d?4320:1960*yk(d/1960))-
d;if(10<d){a.timeoutHandle=Ef(cl.bind(null,a),d);break}cl(a);break;case 5:cl(a);break;default:throw
Error(r(329));}Rk(a,C());return a.callbackNode===c?Uk.bind(null,a):null}function al(a,b){var
c=N;N|=8;a.isDehydrated&&(a.isDehydrated=!1);for(var
d,e=0;50>e&&(d=Wk(a,b),2===d&&0!==(Ek);e++);N=c;return d}\nfunction bl(a){for(var
b=a;){if(b.flags&16384){var c=b.updateQueue;if(null!==(c&&(c=c.stores,null!==(c)))for(var
d=0;d<c.length;d++){var
e=c[d],f=e.getSnapshot;e=e.value;try{if(!Je(f(),e))return!1}catch(g){return!1}}c=b.child;if(b.subtreeFlags&16384
&&null!==(c).return=b,b=c;else{if(b===a)break;for(;null===b.sibling;){if(null===b.return||b.return===a)return!0;
b=b.return}b.sibling.return=b.return;b=b.sibling}}return!0}\nfunction
Qk(a,b){b&=~Fk;b&=~Dk;a.suspendedLanes|=b;a.pingedLanes&=~b;for(a=a.expirationTimes;0<b;){var c=31-
qc(b),d=1<<c;a[c]=-1;b&=~d}}function Sk(a){if(0!==(N&6))throw Error(r(327));Vk();var
b=wc(a,0);if(0===(b&1))return Rk(a,C()),null;var c=Wk(a,b);if(0!==(a.tag&&2===c){var
d=zc(a);0!==(d&&(b=d,c=al(a,d)))}if(1===c)throw
c=Ck,Yk(a,0),Qk(a,b),Rk(a,C()),c;a.finishedWork=a.current.alternate;a.finishedLanes=b;cl(a);Rk(a,C());return
null}\nfunction dl(a,b){var c=N;N|=1;try{return a(b)}finally{N=c,0===N&&(Gk(),fg&&jg())}}function
el(a){null!==(Ik&&0===Ik.tag&&0===(N&6)&&Vk());var b=N;N|=1;var
c=Bk.transition,d=D;try{if(Bk.transition=0,D=1,a)return
a())finally{D=d,Bk.transition=c,N=b,0===(N&6)&&jg()}}function qj(){rj=Bj.current;F(Bj)}\nfunction
Yk(a,b){a.finishedWork=null;a.finishedLanes=0;var c=a.timeoutHandle;-1!==(c&&(a.timeoutHandle=-
1,Ff(c));if(null!==(X)for(c=X.return;null!==(c;){var d=c,e=Z;eh(d);switch(d.tag){case
1:d=d.type.childContextTypes;null!==(d&&void 0!==(d&&$f());break;case
3:Th(d.stateNode,e);sg(Q);Gh();F(Wf);F(K);Lh();break;case 5:Ih(d);break;case 4:Gh();break;case
13:F(P);break;case 19:F(P);break;case 10:sg(d.type._context);break;case 22:case
23:qj();null!==(d.updateQueue&&Wh());break;case
24:sg(Q)}c=c.return}L=a;X=\nth(a.current,null);Z=rj=b;V=0;Ck=null;Fk=Ek=Dk=Hg=0;if(null!==(zg){for(a=0;a<z
g.length;a++)if(b=zg[a],c=b.interleaved,null!==(c){b.interleaved=null;d=c.next;e=b.pending;if(null!==(e){var
f=e.next;e.next=d;c.next=f}b.pending=c}zg=null}}\nfunction $k(a,b){do{var
c=X;try{qg();Yh.current=ki;if(bi){for(var d=R.memoizedState;null!==(d;){var
e=d.queue;null!==(e&&(e.pending=null);d=d.next}bi=!1}}$h=0;S=ai=R=null;ci=!1;di=0;Ak.current=null;if(null===c
||null===c.return){V=1;Ck=b;X=null;break}a:{var

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f=a,g=c.return,h=c,k=b;b=Z;h.flags|=32768;if(null!==k&&"object"===typeof k&&"function"===typeof
k.then){var l=k,p=h,t=p.tag;if(0===(p.mode&1)&&(0===t||11===t||15===t)){var
w=p.alternate;w?(p.updateQueue=w.updateQueue,p.memoizedState=w.memoizedState,\np.lanes=w.lanes):(p.update
Queue=null,p.memoizedState=null)}var y=gj(g);if(null!==y){y.flags&=-257;hj(y,g,h,f,b);k=void
0;h=y;if(h.mode&1){var m=f.pingCache;null===m?(m=f.pingCache=new aj,k=new Set,m.set(l,k)):(k=m.get(l),void
0===k&&(k=new Set,m.set(l,k)));if(!k.has(b)){k.add(b);var x=fl.bind(null,f,l,b);l.then(x,x)}var
G=h.updateQueue;if(null===G){var u=new Set;u.add(l);h.updateQueue=u}else G.add(l);break a}else
k=Error(r(411,Va(h)||"A React component"))else if(O&&h.mode&1){var
q=gj(g);if(null!==\nq){0===(q.flags&65536)&&(q.flags|=256);hj(q,g,h,f,b);break
a}4!==V&&(V=2);k=Zi(k,h);f=g;do{switch(f.tag){case 3:l=k;f.flags|=65536;b&=-b;f.lanes|=b;var
v=bj(f,l,b);Fg(f,v);break a;case 1:l=k;var B=f.type,I=f.stateNode;if(0===(f.flags&128)&&("function"===typeof
B.getDerivedStateFromError||null!==I&&"function"===typeof
I.componentDidCatch&&(null===fj||!fj.has(I)))){f.flags|=65536;b&=-b;f.lanes|=b;var M=ej(f,l,b);Fg(f,M);break
a}f=f.return}while(null!==f)}gl(c)}catch(Y){b=Y;X===c&&null!==c&&(X=c=c.return);\ncontinue}break}while(
1)}function Xk(){var a=zk.current;zk.current=ki;return null===a?ki:a}function
oj(){if(0===V||3===V||2===V)V=4;null===L||0===(Hg&268435455)&&0===(Dk&268435455)||Qk(L,Z)}functio
n Wk(a,b){var c=N;N|=2;var d=Xk();L===a&&Z===b||Yk(a,b);do
try{hl();break}catch(e){$k(a,e)}while(1);qg();N=c;zk.current=d;if(null!==X)throw Error(r(261));L=null;Z=0;return
V}function hl(){for(;null!==X;il(X)}function Zk(){for(;null!==X&&!ec();il(X)}\nfunction il(a){var
b=jl(a.alternate,a,rj);a.memoizedProps=a.pendingProps;null===b?gl(a):X=b;Ak.current=null}function gl(a){var
b=a;do{var
c=b.alternate;a=b.return;if(0===(b.flags&32768)){if(c=nj(c,b,rj),null===c){X=c;return}}else{c=Vj(b,rj);if(null===c
){c.flags&=32767;X=c;return}null===a&&(a.flags|=32768,a.subtreeFlags=0,a.deletions=null)}b=b.sibling;if(null!=
=b){X=b;return}X=b=a}while(null===b);0===V&&(V=5)}\nfunction cl(a){var
b=D,c=Bk.transition;try{Bk.transition=0,D=1,kl(a,b)}finally{Bk.transition=c,D=b}return null}\nfunction kl(a,b){do
Vk();while(null===Ik);if(0!==(N&6))throw Error(r(327));var
c=a.finishedWork,d=a.finishedLanes;if(null===c)return
null;a.finishedWork=null;a.finishedLanes=0;if(c===a.current)throw
Error(r(177));a.callbackNode=null;a.callbackPriority=0;var
e=c.lanes|c.childLanes;Cc(a,e);a===L&&(X=L=null,Z=0);0===(c.subtreeFlags&2064)&&0===(c.flags&2064)||Hk|
|(Hk=!0,Kk=e,Tk(jc,function(){Vk();return null}));var
f=0!==(c.flags&15990);if(0!==(c.subtreeFlags&15990)|f){f=Bk.transition;Bk.transition=\n0;var g=D;D=1;var
h=N;N|=4;Ak.current=null;dk(a,c);rk(a,c);Qe(Bf);fd=!Af;Bf=Af=null;a.current=c;uk(c,a,d);fc();N=h;D=g;Bk.transi
tion=f}else
a.current=c;Hk?(Hk=!1,Ik=a,Jk=d):il(a,e);e=a.pendingLanes;0===e&&(fj=null);oc(c.stateNode,b);Rk(a,C());if(cj)th
row
cj=!1,a=dj,dj=null,a;0!==(Jk&1)&&0!==(a.tag&&Vk());e=a.pendingLanes;0!==(e&1)?a===Mk?Lk++:(Lk=0,Mk=a)
:Lk=0;jg();return null}function
ll(a,b){0===(a.pooledCacheLanes&b)&&(b=a.pooledCache,null!=b&&(a.pooledCache=null,Rh(b)))}\nfunction
Vk(){if(null===Ik){var a=Ik,b=Kk;Kk=0;var c=Fc(Jk),d=16>c?16:c;c=Bk.transition;var
e=D;try{Bk.transition=0;D=d;if(null===Ik)var f=!1;else{d=Ik;Ik=null;Jk=0;if(0!==(N&6))throw Error(r(331));var
g=N;N|=4;for(W=d.current;null!==W;){var h=W,k=h.child;if(0!==(W.flags&16)}{var
l=h.deletions;if(null!==l){for(var p=0;p<l.length;p++){var t=l[p];for(W=t;null!==W;){var
w=W,y=w;switch(y.tag){case 0:case 11:case 15:ek(8,y,h);break;case 23:case
22;if(null!==y.memoizedState&&null!==y.memoizedState.cachePool){var
m=\ny.memoizedState.cachePool.pool;null!=m&&m.refCount++}break;case 24:Rh(y.memoizedState.cache)}var
x=w.child;if(null!==x)x.return=w,W=x;else for(;null!==W;){w=W;var
G=w.sibling,u=w.return;jk(w);if(w===t){W=null;break}if(null===G){G.return=u;W=G;break}W=u}}var

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q=h.alternate;if(null!==(q)){var v=q.child;if(null!==(v)){q.child=null;do{var
B=v.sibling;v.sibling=null;v=B}while(null!==(v))}W=h}}if(0==(h.subtreeFlags&2064)&&null!==(k))k.return=h,W
=k;else b:for(;null!==(W)){h=W;if(0==(h.flags&2048))switch(h.tag){case 0:case 11:case 15:ek(9,\nh,h.return)}var
I=h.sibling;if(null!==(I)){I.return=h.return;W=I;break b}W=h.return}}var
M=d.current;for(W=M;null!==(W)){k=W;var
Y=k.child;if(0==(k.subtreeFlags&2064)&&null!==(Y))Y.return=k,W=Y;else
b:for(k=M;null!==(W)){l=W;if(0==(l.flags&2048))try{switch(t=l,t.tag){case 0:case 11:case 15:fk(9,t);break;case
3:m=null;null!==(t.alternate)&&(m=t.alternate.memoizedState.cache);var
J=t.memoizedState.cache;J!==(m)&&(J.refCount++,null!==(m)&&Rh(m));break;case 23:case
22:m=null;null!==(t.alternate)&&null!==(t.alternate.memoizedState)&&\nnull!==(t.alternate.memoizedState.cachePool
&&(m=t.alternate.memoizedState.cachePool.pool));x=null;null!==(t.memoizedState)&&null!==(t.memoizedState.cach
ePool)&&(x=t.memoizedState.cachePool.pool);x!==(m)&&(null!==(x)&&x.refCount++,null!==(m)&&Rh(m));break;case
24:m=null;null!==(t.alternate)&&(m=t.alternate.memoizedState.cache);var
pi=t.memoizedState.cache;pi!==(m)&&(pi.refCount++,null!==(m)&&Rh(m))}catch(qi){ak(l,l.return,qi)}if(l==(k)){W=
null;break b}var Gf=l.sibling;if(null!==(Gf)){Gf.return=l.return;W=Gf;break
b}W=l.return}}N=\ng;jg();if(nc&&"function"===typeof
nc.onPostCommitFiberRoot)try{nc.onPostCommitFiberRoot(mc,d)}catch(qi){f=!0}return
f}finally{D=e,Bk.transition=c,ll(a,b)}return!1}function
ml(a,b,c){b=Zi(c,b);b=bj(a,b,1);Dg(a,b);b=Lg();a=Pk(a,1);null!==(a)&&(Bc(a,1,b),Rk(a,b))}\nfunction
ak(a,b,c){if(3===a.tag)ml(a,a,c);else for(b=a.return;null!==(b);){if(3===b.tag){ml(b,a,c);break}else
if(1===b.tag){var d=b.stateNode;if("function"===typeof b.type.getDerivedStateFromError||"function"===typeof
d.componentDidCatch&&(null!==(fj)||fj.has(d)))a=Zi(c,a);a=ej(b,a,1);Dg(b,a);a=Lg();b=Pk(b,1);null!==(b)&&(Bc(b
,1,a),Rk(b,a));break}}b=b.return}\nfunction fl(a,b,c){var
d=a.pingCache;null!==(d)&&d.delete(b);b=Lg();a.pingedLanes|=a.suspendedLanes&c;L===a&&(Z&c)===c&&(4=
===V||3===V&&(Z&130023424)===Z&&500>C()-sk?Yk(a,0):Fk|=c);Rk(a,b)}function
nl(a,b){0===b&&(0===(a.mode&1)?b=1:(b=uc,uc<<=1,0===(uc&130023424)&&(uc=4194304)));var
c=Lg();a=Pk(a,b);null!==(a)&&(Bc(a,b,c),Rk(a,c))}function Oj(a){var
b=a.memoizedState,c=0;null!==(b)&&(c=b.retryLane);nl(a,c)}\nfunction qk(a,b){var c=0;switch(a.tag){case 13:var
d=a.stateNode;var e=a.memoizedState;null!==(e)&&(c=e.retryLane);break;case
19:d=a.stateNode;break;default:throw Error(r(314));}null!==(d)&&d.delete(b);nl(a,c)}var
jl;|nj|=function(a,b,c){if(null!==(a))if(a.memoizedProps!==(b.pendingProps||Wf.current)xg=!0;else{if(0===(a.lanes&
c)&&0===(b.flags&128))return xg=!1,Uj(a,b,c);xg=0!==(a.flags&131072)?!0:!1}else
xg=!1,O&&0!==(b.flags&1048576)&&ch(b,Wg,b.index);b.lanes=0;switch(b.tag){case 2:var
d=b.type;null!==(a)&&(a.alternate=null,b.alternate=null,b.flags|=2);a=b.pendingProps;var
e=Yf(b,K.current);wg(b,c);e=gi(null,b,d,a,e,c);var f=li();b.flags|=1;"object"===typeof
e&&null!==(e)&&"function"===typeof e.render&&void
0===e.$$typeof?n(b.tag=1,b.memoizedState=null,b.updateQueue=null,Zf(d)?(f=!0,cg(b)):f=!1,b.memoizedState=n
ull!==(e.state)&&void
0!==(e.state?e.state:null,Bg(b),e.updater=Og,b.stateNode=e,e._reactInternals=b,Sg(b,d,a,c),b=Ej(null,b,d,!0,f,c)):b.t
ag=0,O&&f&&dh(b),tj(null,b,e,c),b=b.child);return b;case
16:d=b.elementType;a:{null!==(a)&&(a.alternate=null,b.alternate=null,b.flags|=2);a=b.pendingProps;e=d._init;d=e(d
._payload);b.type=d;e=b.tag=ol(d);a=lg(d,a);switch(e){case 0:b=zj(null,b,d,a,c);break a;case
1:b=Dj(null,b,nd,a,c);break a;case 11:b=uj(null,b,d,a,c);break a;case 14:b=wj(null,b,d,lg(d.type,a,c);break a}throw
Error(r(306,d,""));}return b;case 0:return
d=b.type,e=b.pendingProps,e=b.elementType===d?e:lg(d,e),zj(a,b,d,e,c);case 1:return
d=b.type,e=b.pendingProps,e=b.elementType===d?e:lg(d,e),Dj(a,b,d,e,c);case
3:Fj(b);d=b.updateQueue;if(null===a||null===d)throw
Error(r(282));e=b.pendingProps;f=b.memoizedState;d=f.element;Cg(a,b);Gg(b,e,null,c);var

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g=b.memoizedState;e=b.stateNode;var
h=g.cache;Sh(e);rg(b,\nQ,h);h!==(f.cache&&ug(b,Q,c));f=g.element;if(f===d)oh(),b=vj(a,b,c);else{if(d=e.isDehydrated)gh=Lf(b.stateNode.containerInfo.firstChild),fh=b,d=O=!0;if(d){a=e.mutableSourceEagerHydrationData;if(null!=a)for(d=0;d<a.length;d+=2)e=a[d],e._workInProgressVersionPrimary=a[d+1],Kh.push(e);c=zh(b,null,f,c);for(b.child=d;c;c);c.flags=c.flags&-3|4096,c=c.sibling}else tj(a,b,f,c),oh();b=b.child}return b;case 5:return
Hh(b),null===a&&lh(b),d=b.type,e=b.pendingProps,f=null!==(a.memoizedProps:null,g=e.children,Df(d,\ne)?g=null:null!==(f&&Df(d,f)&&(b.flags|=32),Cj(a,b),tj(a,b,g,c),b.child;case 6:return null===a&&lh(b),null;case 13:return
Jj(a,b,c);case 4:return
Fh(b,b.stateNode.containerInfo),d=b.pendingProps,null===a?b.child=yh(b,null,d,c):tj(a,b,d,c),b.child;case 11:return
d=b.type,e=b.pendingProps,e=b.elementType===d?e:lg(d,e),uj(a,b,d,e,c);case 7:return
tj(a,b,b.pendingProps,c),b.child;case 8:return tj(a,b,b.pendingProps.children,c),b.child;case 12:return
tj(a,b,b.pendingProps.children,c),b.child;case
10:a:{d=\nb.type._context;e=b.pendingProps;f=b.memoizedProps;g=e.value;rg(b,d,g);if(null!==(f)if(Je(f.value,g))){f.children===e.children&&!Wf.current){b=vj(a,b,c);break a}}else ug(b,d,c);tj(a,b,e.children,c);b=b.child}return
b;case 9:return e=b.type,d=b.pendingProps.children,wg(b,c),e=yg(e),d=d(e),b.flags|=1,tj(a,b,d,c),b.child;case
14:return d=b.type,e=lg(d,b.pendingProps),e=lg(d.type,e),wj(a,b,d,e,c);case 15:return
yj(a,b,b.type,b.pendingProps,c);case 17:return
d=b.type,e=b.pendingProps,e=b.elementType===d?e:lg(d,e),null!==(a&&(a.alternate=null,b.alternate=null,b.flags|=2),b.tag=1,Zf(d)?(a=!0,cg(b)):a=!1,wg(b,c),Qg(b,d,e),Sg(b,d,e,c),Ej(null,b,d,!0,a,c);case 19:return Tj(a,b,c);case
22:return Aj(a,b,c);case 23:return Aj(a,b,c);case 24:return
wg(b,c),d=yg(Q),null===a?(null===Oh&&(Oh=Qh(),Oh.refCount++),e=Oh,b.memoizedState={parent:d,cache:e},Bg(b),rg(b,Q,e)):(!==(a.lanes&c)&&(Cg(a,b),Gg(b,null,null,c)),e=a.memoizedState,f=b.memoizedState,e.parent!=d?(e={parent:d,cache:d},b.memoizedState=e,0===b.lanes&&n(b.memoizedState=b.updateQueue.baseState=e),rg(b,Q,d)):d=f.cache,rg(b,Q,d),d!==(e.cache&&ug(b,Q,c))),tj(a,b,b.pendingProps.children,c),b.child}throw
Error(r(156,b.tag));};function Tk(a,b){return cc(a,b)}\nfunction
pl(a,b,c,d){this.tag=a;this.key=c;this.sibling=this.child=this.return=this.stateNode=this.type=this.elementType=null;this.index=0;this.ref=null;this.pendingProps=b;this.dependencies=this.memoizedState=this.updateQueue=this.memoizedProps=null;this.mode=d;this.subtreeFlags=this.flags=0;this.deletions=null;this.childLanes=this.lanes=0;this.alternate=null}function ih(a,b,c,d){return new pl(a,b,c,d)}function
xj(a){a=a.prototype;return!(a||a.isReactComponent)}\nfunction ol(a){if("\function"===typeof a)return
xj(a)?1:0;if(void 0!==(a&&null!==(a)){a=a.$typeof;if(a===Da)return 11;if(a===Ga)return 14}return 2}\nfunction
th(a,b){var
c=a.alternate;null===c?(c=ih(a.tag,b,a.key,a.mode),c.elementType=a.elementType,c.type=a.type,c.stateNode=a.stateNode,c.alternate=a,a.alternate=c):(c.pendingProps=b,c.type=a.type,c.flags=0,c.subtreeFlags=0,c.deletions=null);c.flags=a.flags&14680064;c.childLanes=a.childLanes;c.lanes=a.lanes;c.child=a.child;c.memoizedProps=a.memoizedProps;c.memoizedState=a.memoizedState;c.updateQueue=a.updateQueue;b=a.dependencies;c.dependencies=null===b?null:{lanes:b.lanes,firstContext:b.firstContext};nc.sibling=a.sibling;c.index=a.index;c.ref=a.ref;return
c}\nfunction vh(a,b,c,d,e,f){var g=2;d=a;if("\function"===typeof a)xj(a)&&(g=1);else if("\string"===typeof a)g=5;else a:switch(a){case ya:return xh(c.children,e,f,b);case Ja:g=8;e|=4;break;case za:g=8;e|=8;break;case
Aa:return a=ih(12,c,b,e|2),a.elementType=Aa,a.lanes=f,a;case Ea:return
a=ih(13,c,b,e),a.elementType=Ea,a.lanes=f,a;case Fa:return a=ih(19,c,b,e),a.elementType=Fa,a.lanes=f,a;case
Ka:return Nj(c,e,f,b);case La:return a=ih(23,c,b,e),a.elementType=La,a.lanes=f,a;case Ia:case Ma:return
a=ih(24,\nc,b,e),a.elementType=Ma,a.lanes=f,a;default:if("\object"===typeof
a&&null!==(a)switch(a.$typeof){case Ba:g=10;break a;case Ca:g=9;break a;case Da:g=11;break a;case
Ga:g=14;break a;case Ha:g=16;d=null;break a}throw Error(r(130,null===a?a.typeof
a,"\"));}b=ih(g,c,b,e);b.elementType=a;b.type=d;b.lanes=f;return b}function
xh(a,b,c,d){a=ih(7,a,d,b);a.lanes=c;return a}function Nj(a,b,c,d){a=ih(22,a,d,b);a.elementType=Ka;a.lanes=c;return
a}function uh(a,b,c){a=ih(6,a,null,b);a.lanes=c;return a}\nfunction

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wh(a,b,c){b=ih(4,null!==(a.children?a.children:[],a.key,b);b.lanes=c;b.stateNode={containerInfo:a.containerInfo,pendingChildren:null,implementation:a.implementation};return b}\nfunction
ql(a,b,c,d){this.tag=b;this.containerInfo=a;this.finishedWork=this.pingCache=this.current=this.pendingChildren=null;this.timeoutHandle=-
1;this.pendingContext=this.context=null;this.isDehydrated=c;this.callbackNode=null;this.callbackPriority=0;this.eventTimes=Ac(0);this.expirationTimes=Ac(-
1);this.entangledLanes=this.finishedLanes=this.mutableReadLanes=this.expiredLanes=this.pingedLanes=this.suspendedLanes=this.pendingLanes=0;this.entanglements=Ac(0);this.identifierPrefix=d;this.pooledCache=null;this.pooledCacheLanes=0;this.mutableSourceEagerHydrationData=null}function rl(a,b,c,d,e,f,g){a=new
ql(a,b,c,g);1===b?(b=1,!0===e&&(b=8)):b=0;e=ih(3,null,null,b);a.current=e;e.stateNode=a;b=Qh();b.refCount++;a.pooledCache=b;b.refCount++;e.memoizedState={element:null,cache:b};Bg(e);return a}function sl(a,b,c){var
d=3<arguments.length&&void
0!==(arguments[3]?arguments[3]:null);return{$$typeof:xa,key:null===d?null:""+d,children:a,containerInfo:b,implementation:c}}\nfunction tl(a,b,c,d){var
e=b.current,f=Lg(),g=Mg(e);a;if(c){c=c._reactInternals;b:{if(Xb(c)!==c||1!==(c.tag)throw Error(r(170));var
h=c;do{switch(h.tag){case 3:h=h.stateNode.context;break b;case
1:if(Zf(h.type)){h=h.stateNode.__reactInternalMemoizedMergedChildContext;break
b}}h=h.return}while(null!==h);throw Error(r(171));}if(1===c.tag){var k=c.type;if(Zf(k)){c=bg(c,k,h);break
a}}c=h}else c=Vf;null===b.context?b.context=c:b.pendingContext=c;b.vg(f,g);b.payload={element:a};d=void
0===d?null:d;null!==nd&&(b.callback=d);Dg(e,b);a=Ng(e,g,f);null!==a&&Eg(a,e,g);return g}function
ul(a){a=a.current;if(!a.child)return null;switch(a.child.tag){case 5:return a.child.stateNode;default:return
a.child.stateNode}}function vl(a,b){a=a.memoizedState;if(null===a&&null===a.dehydrated){var
c=a.retryLane;a.retryLane=0!==(c&&c<b?c:b)}function wl(a,b){(a=a.alternate)&&vl(a,b)}function
xl(){return null}function yl(a){this._internalRoot=a}\nzl.prototype.render=yl.prototype.render=function(a){var
b=this._internalRoot;if(null===b)throw
Error(r(409));tl(a,b,null,null)};zl.prototype.unmount=yl.prototype.unmount=function(){var
a=this._internalRoot;if(null===a){this._internalRoot=null;var
b=a.containerInfo;el(function(){tl(null,a,null,null)});b[wf]=null}};function
zl(a){this._internalRoot=a}\nzl.prototype.unstable_scheduleHydration=function(a){if(a){var
b=Jc();a={blockedOn:null,target:a,priority:b};for(var
c=0;c<Sc.length&&0!==(b&&b<Sc[c].priority;c++);Sc.splice(c,0,a);0===c&&Xc(a)};function
Al(a){return!(a||1!==(a.nodeType&&9!==(a.nodeType&&11!==(a.nodeType)))}function
Bl(a){return!(a||1!==(a.nodeType&&9!==(a.nodeType&&11!==(a.nodeType&&8!==(a.nodeType||"react-mount-
point-unstable"!==a.nodeValue))}\nfunction Cl(a,b){if(!b)for(var
c;c=a.lastChild;a.removeChild(c);b=rl(a,0,b,null,!1,!1,"");a[wf]=b.current;uf(8===a.nodeType?a.parentNode:a);re
turn b}function Dl(a,b,c,d,e){var f=c._reactRootContainer;if(f){var g=f;if("function"===typeof e){var
h=e;e=function(){var
a=ul(g);h.call(a)}tl(b,g,a,e)}else{g=f.c._reactRootContainer=Cl(c,d);if("function"===typeof e){var
k=e;e=function(){var a=ul(g);k.call(a)}el(function(){tl(b,g,a,e)}}return
ul(g)}\nGc=function(a){switch(a.tag){case 3:var b=a.stateNode;if(b.isDehydrated){var
c=vc(b.pendingLanes);0!==(c&&(Dc(b,c|1),Rk(b,C()),0===(N&6)&&(Gk(),jg()))}break;case 13:var
d=Lg();el(function(){return Ng(a,1,d)});wl(a,1)};Hc=function(a){if(13===a.tag){var
b=Lg();Ng(a,134217728,b);wl(a,134217728)};Ic=function(a){if(13===a.tag){var
b=Lg();c=Mg(a);Ng(a,c,b);wl(a,c)};Jc=function(){return D};Kc=Ec;\nBb=function(a,b,c){switch(b){case
"input":eb(a,c);b=c.name;if("radio"===c.type&&null!=b){for(c=a.c.parentNode;c=c.parentNode;c=c.querySelectorAll("input[name="+JSON.stringify("\"+b)+"])[type="radio"])};for(b=0;b<c.length;b++){var
d=c[b];if(d!==(a&&d.form===a.form){var e=ua(d);if(!e)throw Error(r(90));$a(d);eb(d,e)}}break;case
"textarea":lb(a,c);break;case "select":b=c.value,null!=b&&ib(a,!c.multiple,b,1)};Ib=d;Jb=e;\nvar

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El={Events:[Fb,we,ua,Gb,Hb,d1]},Fl={findFiberByHostInstance:Yc,bundleType:0,version:"18.0.0-rc.0-experimental-13036bfbc-20220121",rendererPackageName:"react-dom"};nvar
Gl={bundleType:Fl.bundleType,version:Fl.version,rendererPackageName:Fl.rendererPackageName,rendererConfig:Fl.rendererConfig,overrideHookState:null,overrideHookStateDeletePath:null,overrideHookStateRenamePath:null,overrideProps:null,overridePropsDeletePath:null,overridePropsRenamePath:null,setErrorHandler:null,setSuspenseHandler:null,scheduleUpdate:null,currentDispatcherRef:va.ReactCurrentDispatcher,findHostInstanceByFiber:function(a){a=ac(a);return null===a?null:a.stateNode},findFiberByHostInstance:Fl.findFiberByHostInstance||\nxl,findHostInstancesForRefresh:null,scheduleRefresh:null,scheduleRoot:null,setRefreshHandler:null,getCurrentFiber:null,reconcilerVersion:"18.0.0-rc.0-experimental-13036bfbc-20220121"};if("\undefined"!==typeof __REACT_DEVTOOLS_GLOBAL_HOOK__){var
Hl=__REACT_DEVTOOLS_GLOBAL_HOOK__;if(!Hl.isDisabled&&Hl.supportsFiber)try{mc=Hl.inject(Gl),nc=Hl}catch(a){}}exports.__SECRET_INTERNALS_DO_NOT_USE_OR_YOU_WILL_BE_FIRED=El;\nexports.createPortal=function(a,b){var c=2<arguments.length&&void 0!==(arguments[2]?arguments[2]:null);if(!Al(b))throw Error(r(200));return sl(a,b,null,c)};exports.createRoot=function(a,b){if(!Bl(a))throw Error(r(299));var c=!1,d=""\;null!==(b&&void 0!==(b&&!0===b.unstable_strictMode&&(c=!0),void 0!==(b.identifierPrefix&&(d=b.identifierPrefix));b=rl(a,1,!1,null,c,!1,d);a[wf]=b.current;uf(8===a.nodeType?a.parentNode:a);return new yl(b)};\nexports.findDOMNode=function(a){if(null===a)return null;if(1===a.nodeType)return a;var b=a._reactInternals;if(void 0===b){if("\function"===typeof a.render)throw Error(r(188));a=Object.keys(a).join(",");throw Error(r(268,a));}a=ac(b);a=null===a?null:a.stateNode;return a};exports.flushSync=function(a){return el(a)};exports.hydrate=function(a,b,c){if(!Bl(b))throw Error(r(200));return Dl(null,a,b,!0,c)};\nexports.hydrateRoot=function(a,b,c){if(!Al(a))throw Error(r(405));var d=null!==(c&&c.hydratedSources||null,e=!1,f=""\;null!==(c&&void 0!==(c&&!0===c.unstable_strictMode&&(e=!0),void 0!==(c.identifierPrefix&&(f=c.identifierPrefix));c=rl(a,1,!0,null!==(c?c:null,e,!1,f);a[wf]=c.current;uf(a);if(d)for(a=0;a<d.length;a++)e=d[a],f=e._getSource,f=f(e._source),null===c.mutableSourceEagerHydrationData?c.mutableSourceEagerHydrationData=[e,f]:c.mutableSourceEagerHydrationData.push(e,f);tl(b,c,null,null);return new zl(c)};\nexports.render=function(a,b,c){if(!Bl(b))throw Error(r(200));return Dl(null,a,b,!1,c)};exports.unmountComponentAtNode=function(a){if(!Bl(a))throw Error(r(40));return a._reactRootContainer?(el(function(){Dl(null,null,a,!1,function(){a._reactRootContainer=null;a[wf]=null})),!0):!1};exports.unstable_batchedUpdates=dl;exports.unstable_flushControlled=function(a){var b=N;N|=1;var c=Bk.transition,d=D;try{Bk.transition=0,D=1,a()}finally{D=d,Bk.transition=c,N=b,0===N&&(Gk(),jg())};\nexports.unstable_renderSubtreeIntoContainer=function(a,b,c,d){if(!Bl(c))throw Error(r(200));if(null===a||void 0===a._reactInternals)throw Error(r(38));return Dl(a,b,c,!1,d)};exports.unstable_runWithPriority=Ec;exports.version="18.0.0-rc.0-experimental-13036bfbc-20220121";\n\n","use strict";\n\nif (process.env.NODE_ENV === 'production') {\n  module.exports = require('./cjs/scheduler.production.min.js');\n} else {\n  module.exports = require('./cjs/scheduler.development.js');\n}\n\n/**\n * @license React\n * scheduler.production.min.js\n *\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n */\n'use strict';function f(a,b){var c=a.length;a.push(b);a.for(0<c;){var d=c-1>>>1,e=a[d];if(0<g(e,b))a[d]=b,a[c]=e,c=d;else break a}}function h(a){return 0===a.length?null:a[0]}function k(a){if(0===a.length)return null;var b=a[0],c=a.pop();if(c===b){a[0]=c;a.for(var d=0,e=a.length,w=e>>>1;d<w;){var m=2*(d+1)-1,C=a[m],n=m+1,x=a[n];if(0>g(C,c))n<e&&0>g(x,C)?(a[d]=x,a[n]=c,d=n):(a[d]=C,a[m]=c,d=m);else if(n<e&&0>g(x,c))a[d]=x,a[n]=c,d=n;else break a}}return b}\nfunction g(a,b){var c=a.sortIndex-b.sortIndex;return 0!==(c?c:a.id-b.id)}if("\object"===typeof performance&&"\function"===typeof performance.now){var l=performance;exports.unstable_now=function(){return l.now()}}else{var p=Date,q=p.now();exports.unstable_now=function(){return p.now()-q}}var

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r=[],t=[],u=1,v=null,y=3,z=!1,A=!1,B=!1,D="function"===typeof
setTimeout?setTimeout:null,E="function"===typeof clearTimeout?clearTimeout:null,F="undefined"!==typeof
setImmediate?setImmediate:null;\n"undefined"!==typeof navigator&&void 0!==(navigator.scheduling&&void
0!==(navigator.scheduling.isInputPending&&navigator.scheduling.isInputPending.bind(navigator.scheduling));functi
on G(a){for(var b=h(t);null!==(b);){if(null===b.callback)k(t);else
if(b.startTime<=a)k(t),b.sortIndex=b.expirationTime,f(r,b);else break;b=h(t)}}function
H(a){B=!1;G(a);if(!A)if(null!==(h(r))A=!0,I(J));else{var b=h(t);null!==(b)&&K(H,b.startTime-a)}}\nfunction
J(a,b){A=!1;B&&(B=!1,E(L),L=-1);z=!0;var
c=y;try{G(b);for(v=h(r);null!==(v)&&(v.expirationTime>b)||a&&!M());){var
d=v.callback;if("function"===typeof d){v.callback=null;y=v.priorityLevel;var
e=d(v.expirationTime<=b);b=exports.unstable_now();"function"===typeof
e?v.callback=e:v===h(r)&&k(r);G(b)}else k(r);v=h(r)}if(null!==(v)var w=!0;else{var
m=h(t);null!==(m)&&K(H,m.startTime-b);w=!1}return w}finally{v=null,y=c,z=!1}}var N=!1,O=null,L=-1,P=5,Q=-
1;\nfunction M(){return exports.unstable_now()-Q<P?!1:!0}function R(){if(null!==(O){var
a=exports.unstable_now();Q=a;var b=!0;try{b=O(!0,a)}finally{b?S():(N=!1,O=null)}}else N=!1}var
S;if("function"===typeof F)S=function(){F(R)};else if("undefined"!==typeof MessageChannel){var T=new
MessageChannel,U=T.port2;T.port1.onmessage=R;S=function(){U.postMessage(null)}}else
S=function(){D(R,0)};function I(a){O=a;N||(N=!0,S())}function
K(a,b){L=D(function(){a(exports.unstable_now())},b)}\nexports.unstable_IdlePriority=5;exports.unstable_Immedia
tePriority=1;exports.unstable_LowPriority=4;exports.unstable_NormalPriority=3;exports.unstable_Profiling=null;ex
ports.unstable_UserBlockingPriority=2;exports.unstable_cancelCallback=function(a){a.callback=null};exports.unst
able_continueExecution=function(){A||z||(A=!0,I(J))};\nexports.unstable_forceFrameRate=function(a){0>a||125<a?
console.error("forceFrameRate takes a positive int between 0 and 125, forcing frame rates higher than 125 fps is not
supported"):P=0<a?Math.floor(1E3/a):5};exports.unstable_getCurrentPriorityLevel=function(){return
y};exports.unstable_getFirstCallbackNode=function(){return
h(r)};exports.unstable_next=function(a){switch(y){case 1:case 2:case 3:var b=3;break;default:b=y}var
c=y;y=b;try{return
a()}finally{y=c}};exports.unstable_pauseExecution=function(){};\nexports.unstable_requestPaint=function(){};exp
orts.unstable_runWithPriority=function(a,b){switch(a){case 1:case 2:case 3:case 4:case 5:break;default:a=3}var
c=y;y=a;try{return b()}finally{y=c}};\nexports.unstable_scheduleCallback=function(a,b,c){var
d=exports.unstable_now();"object"===typeof c&&null!==(c)?(c=c.delay,c="number"===typeof
c&&0<c?d+c:d):c=d;switch(a){case 1:var e=-1;break;case 2:e=250;break;case 5:e=1073741823;break;case
4:e=1E4;break;default:e=5E3}e=c+e;a={id:u++,callback:b,priorityLevel:a,startTime:c,expirationTime:e,sortIndex:-
1};c>d?(a.sortIndex=c,f(t,a),null!==(h(r))&&a===h(t)&&(B?(E(L),L=-1):B=!0,K(H,c-
d))):(a.sortIndex=e,f(r,a),A||z||(A=!0,I(J)));return
a};\nexports.unstable_shouldYield=M;exports.unstable_wrapCallback=function(a){var b=y;return function(){var
c=y;y=b;try{return a.apply(this,arguments)}finally{y=c}}};\n","use strict"\nmodule.exports =
Yallist\n\nYallist.Node = Node\nYallist.create = Yallist\n\nfunction Yallist(list) {\n  var self = this\n  if (!(self
instanceof Yallist)) {\n    self = new Yallist()\n  }\n  self.tail = null\n  self.head = null\n  self.length = 0\n  if (list
&& typeof list.forEach === 'function') {\n    list.forEach(function (item) {\n      self.push(item)\n    })\n  } else if
(arguments.length > 0) {\n    for (var i = 0, l = arguments.length; i < l; i++) {\n      self.push(arguments[i])\n    }\n  }\n  return self\n}\n\nYallist.prototype.removeNode = function (node) {\n  if (node.list !== this) {\n    throw new
Error('removing node which does not belong to this list')\n  }\n  var next = node.next\n  var prev = node.prev\n  if (next) {\n    next.prev = prev\n  }\n  if (prev) {\n    prev.next = next\n  }\n  if (node === this.head) {\n    this.head = next\n  }\n  if (node === this.tail) {\n    this.tail = prev\n  }\n  node.list.length--\n  node.next = null\n  node.prev = null\n  node.list = null\n  return next\n}\n\nYallist.prototype.unshiftNode = function (node) {\n  if
(node === this.head) {\n    return\n  }\n  if (node.list) {\n    node.list.removeNode(node)\n  }\n  var head =
this.head\n  node.list = this\n  node.next = head\n  if (head) {\n    head.prev = node\n  }\n  this.head = node\n  if

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(!this.tail) {\n  this.tail = node\n }\n this.length++\n}\n\nYallist.prototype.pushNode = function (node) {\n if
(node === this.tail) {\n  return\n }\n\n if (node.list) {\n  node.list.removeNode(node)\n }\n\n var tail =
this.tail\n node.list = this\n node.prev = tail\n if (tail) {\n  tail.next = node\n }\n\n this.tail = node\n if
(!this.head) {\n  this.head = node\n }\n this.length++\n}\n\nYallist.prototype.push = function () {\n for (var i = 0,
l = arguments.length; i < l; i++) {\n  push(this, arguments[i])\n }\n return
this.length\n}\n\nYallist.prototype.unshift = function () {\n for (var i = 0, l = arguments.length; i < l; i++) {\n
unshift(this, arguments[i])\n }\n return this.length\n}\n\nYallist.prototype.pop = function () {\n if (!this.tail) {\n
return undefined\n }\n\n var res = this.tail.value\n this.tail = this.tail.prev\n if (this.tail) {\n  this.tail.next = null\n
}\n else {\n  this.head = null\n }\n this.length--\n return res\n}\n\nYallist.prototype.shift = function () {\n if
(!this.head) {\n  return undefined\n }\n\n var res = this.head.value\n this.head = this.head.next\n if (this.head) {\n
this.head.prev = null\n }\n else {\n  this.tail = null\n }\n this.length--\n return res\n}\n\nYallist.prototype.forEach
= function (fn, thisp) {\n thisp = thisp || this\n for (var walker = this.head, i = 0; walker !== null; i++) {\n
fn.call(thisp, walker.value, i, this)\n walker = walker.next\n }\n}\n\nYallist.prototype.forEachReverse = function
(fn, thisp) {\n thisp = thisp || this\n for (var walker = this.tail, i = this.length - 1; walker !== null; i--) {\n
fn.call(thisp, walker.value, i, this)\n walker = walker.prev\n }\n}\n\nYallist.prototype.get = function (n) {\n for
(var i = 0, walker = this.head; walker !== null && i < n; i++) {\n // abort out of the list early if we hit a cycle\n
walker = walker.next\n }\n if (i === n && walker !== null) {\n  return walker.value\n
}\n}\n\nYallist.prototype.getReverse = function (n) {\n for (var i = 0, walker = this.tail; walker !== null && i < n;
i++) {\n // abort out of the list early if we hit a cycle\n walker = walker.prev\n }\n if (i === n && walker !==
null) {\n  return walker.value\n }\n}\n\nYallist.prototype.map = function (fn, thisp) {\n thisp = thisp || this\n var
res = new Yallist()\n for (var walker = this.head; walker !== null;) {\n  res.push(fn.call(thisp, walker.value, this))\n
walker = walker.next\n }\n return res\n}\n\nYallist.prototype.mapReverse = function (fn, thisp) {\n thisp = thisp ||
this\n var res = new Yallist()\n for (var walker = this.tail; walker !== null;) {\n  res.push(fn.call(thisp,
walker.value, this))\n walker = walker.prev\n }\n return res\n}\n\nYallist.prototype.reduce = function (fn, initial)
{\n var acc\n var walker = this.head\n if (arguments.length > 1) {\n  acc = initial\n } else if (this.head) {\n
walker = this.head.next\n acc = this.head.value\n } else {\n  throw new TypeError('Reduce of empty list with no
initial value')\n }\n\n for (var i = 0; walker !== null; i++) {\n  acc = fn(acc, walker.value, i)\n walker =
walker.next\n }\n\n return acc\n}\n\nYallist.prototype.reduceReverse = function (fn, initial) {\n var acc\n var
walker = this.tail\n if (arguments.length > 1) {\n  acc = initial\n } else if (this.tail) {\n  walker = this.tail.prev\n
acc = this.tail.value\n } else {\n  throw new TypeError('Reduce of empty list with no initial value')\n }\n\n for
(var i = this.length - 1; walker !== null; i--) {\n  acc = fn(acc, walker.value, i)\n walker = walker.prev\n }\n\n
return acc\n}\n\nYallist.prototype.toArray = function () {\n var arr = new Array(this.length)\n for (var i = 0, walker
= this.head; walker !== null; i++) {\n  arr[i] = walker.value\n walker = walker.next\n }\n return
arr\n}\n\nYallist.prototype.toArrayReverse = function () {\n var arr = new Array(this.length)\n for (var i = 0,
walker = this.tail; walker !== null; i++) {\n  arr[i] = walker.value\n walker = walker.prev\n }\n return
arr\n}\n\nYallist.prototype.slice = function (from, to) {\n to = to || this.length\n if (to < 0) {\n  to += this.length\n
}\n from = from || 0\n if (from < 0) {\n  from += this.length\n }\n var ret = new Yallist()\n if (to < from || to < 0)
{\n  return ret\n }\n if (from < 0) {\n  from = 0\n }\n if (to > this.length) {\n  to = this.length\n }\n for (var i =
0, walker = this.head; walker !== null && i < from; i++) {\n  walker = walker.next\n }\n for (; walker !== null
&& i < to; i++, walker = walker.next) {\n  ret.push(walker.value)\n }\n return
ret\n}\n\nYallist.prototype.sliceReverse = function (from, to) {\n to = to || this.length\n if (to < 0) {\n  to +=
this.length\n }\n from = from || 0\n if (from < 0) {\n  from += this.length\n }\n var ret = new Yallist()\n if (to <
from || to < 0) {\n  return ret\n }\n if (from < 0) {\n  from = 0\n }\n if (to > this.length) {\n  to = this.length\n
}\n for (var i = this.length, walker = this.tail; walker !== null && i > to; i--) {\n  walker = walker.prev\n }\n for (;
walker !== null && i > from; i--, walker = walker.prev) {\n  ret.push(walker.value)\n }\n return
ret\n}\n\nYallist.prototype.splice = function (start, deleteCount /*, ...nodes */) {\n if (start > this.length) {\n  start =
this.length - 1\n }\n if (start < 0) {\n  start = this.length + start\n }\n\n for (var i = 0, walker = this.head; walker
!== null && i < start; i++) {\n  walker = walker.next\n }\n\n var ret = []\n for (var i = 0; walker && i <

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deleteCount; i++) {\n  ret.push(walker.value)\n  walker = this.removeNode(walker)\n }\n if (walker === null)\n {\n  walker = this.tail\n }\n if (walker !== this.head && walker !== this.tail) {\n  walker = walker.prev\n }\n\n for (var i = 2; i < arguments.length; i++) {\n  walker = insert(this, walker, arguments[i])\n }\n return\n ret;\n}\n\nYallist.prototype.reverse = function () {\n  var head = this.head\n  var tail = this.tail\n  for (var walker =\n  head; walker !== null; walker = walker.prev) {\n    var p = walker.prev\n    walker.prev = walker.next\n    walker.next = p\n  }\n  this.head = tail\n  this.tail = head\n  return this\n}\n\nfunction insert (self, node, value) {\n  var inserted = node === self.head ?\n  new Node(value, null, node, self) :\n  new Node(value, node, node.next,\n  self)\n  if (inserted.next === null) {\n    self.tail = inserted\n  }\n  if (inserted.prev === null) {\n    self.head =\n  inserted\n  }\n  self.length++\n  return inserted\n}\n\nfunction push (self, item) {\n  self.tail = new Node(item,\n  self.tail, null, self)\n  if (!self.head) {\n    self.head = self.tail\n  }\n  self.length++\n}\n\nfunction unshift (self, item)\n{\n  self.head = new Node(item, null, self.head, self)\n  if (!self.tail) {\n    self.tail = self.head\n  }\n  self.length++\n}\n\nfunction Node (value, prev, next, list) {\n  if (!(this instanceof Node)) {\n    return new\n  Node(value, prev, next, list)\n  }\n  this.list = list\n  this.value = value\n  if (prev) {\n    prev.next = this\n  }\n  this.prev = prev\n } else {\n  this.prev = null\n }\n  if (next) {\n    next.prev = this\n    this.next = next\n  } else\n  {\n    this.next = null\n  }\n}\n\ntry {\n  // add if support for Symbol.iterator is present\n  require('./iterator.js')(Yallist)\n} catch (er) {}"

"use strict"\nmodule.exports = function (Yallist) {\n  Yallist.prototype[Symbol.iterator] = function* () {\n    for (let walker = this.head; walker; walker = walker.next) {\n      yield walker.value\n    }\n  }\n}"

/**\n * @license React\n * react-is.production.min.js\n *\n * Copyright (c)\n * Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n */\n'use strict';var\nb=60103,c=60106,d=60107,e=60108,f=60114,g=60109,h=60110,k=60112,l=60113,m=60120,n=60115,p=60116,q=\n60129,r=60130,u=60131,v=60132;\nif("function"===typeof Symbol&&Symbol.for){var\nw=Symbol.for;b=w("react.element");c=w("react.portal");d=w("react.fragment");e=w("react.strict_mode");f=w\n("react.profiler");g=w("react.provider");h=w("react.context");k=w("react.forward_ref");l=w("react.suspense"\n);m=w("react.suspense_list");n=w("react.memo");p=w("react.lazy");q=w("react.debug_trace_mode");r=w("re\nact.offscreen");u=w("react.legacy_hidden");v=w("react.cache")}var x=0;"function"===typeof\nSymbol&&(x=Symbol.for("react.module.reference"));nfunction y(a){if("object"===typeof a&&null!==a){var\n t=a.$typeof;switch(t){case b:switch(a=a.type,a){case d:case f:case e:case l:case m:return\n a;default:switch(a=a&&a.$typeof,a){case h:case k:case p:case n:case g:return a;default:return t}}case c:return\n t}}var\nz=g,A=b,B=k,C=d,D=p,E=n,F=c,G=f,H=e,I=l,J=m;exports.ContextConsumer=h;exports.ContextProvider=z;exports\n.Element=A;exports.ForwardRef=B;exports.Fragment=C;exports.Lazy=D;exports.Memo=E;exports.Portal=F;export\ns.Profiler=G;\nexports.StrictMode=H;exports.Suspense=I;exports.SuspenseList=J;exports.isAsyncMode=function()\n{return!1};exports.isConcurrentMode=function(){return!1};exports.isContextConsumer=function(a){return\n y(a)===h};exports.isContextProvider=function(a){return\n y(a)===g};exports.isElement=function(a){return"object"===typeof\n a&&null!==a&&a.$typeof===b};exports.isForwardRef=function(a){return\n y(a)===k};exports.isFragment=function(a){return y(a)===d};exports.isLazy=function(a){return\n y(a)===p};\nexports.isMemo=function(a){return y(a)===n};exports.isPortal=function(a){return\n y(a)===c};exports.isProfiler=function(a){return y(a)===f};exports.isStrictMode=function(a){return\n y(a)===e};exports.isSuspense=function(a){return y(a)===l};exports.isSuspenseList=function(a){return\n y(a)===m};\nexports.isValidElementType=function(a){return"string"===typeof a||"function"===typeof\n a||a===d||a===f||a===q||a===e||a===l||a===m||a===u||a===r||a===v||"object"===typeof\n a&&null!==a&&(a.$typeof===p||a.$typeof===n||a.$typeof===g||a.$typeof===h||a.$typeof===k||a.$typeof=\n===x||void 0!==a.getModuleId)?!0:!1};exports.typeOf=y;"

module.exports = require("net");", "module.exports =\n require("tls");", "module.exports = require("url");", "module.exports = require("zlib");", "use strict";\n\nconst\n kDone = Symbol('kDone');\nconst kRun = Symbol('kRun');\n\n/**\n * A very simple job queue with adjustable\n concurrency. Adapted from\n * https://github.com/STRML/async-limiter\n */\n\nclass Limiter {\n  /**\n   * Creates a

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new `Limiter`.n *n * @param {Number} concurrency The maximum number of jobs allowed to run\n *
concurrently\n *n constructor(concurrency) {\n this[kDone] = () => {\n this.pending--;\n this[kRun]();\n
};\n this.concurrency = concurrency || Infinity;\n this.jobs = [];\n this.pending = 0;\n }\n\n /**\n * Adds a job
to the queue.\n *n * @public\n */\n add(job) {\n this.jobs.push(job);\n this[kRun]();\n }\n\n /**\n *
Removes a job from the queue and runs it if possible.\n *n * @private\n */\n [kRun]() {\n if (this.pending
=== this.concurrency) return;\n\n if (this.jobs.length) {\n const job = this.jobs.shift();\n\n this.pending++;\n
job(this[kDone]);\n }\n }\n\nmodule.exports = Limiter;\n", "use strict";\n\n/**\n * Class representing an
event.\n *n * @private\n */\n class Event {\n /**\n * Create a new `Event`. \n *n * @param {String} type The
name of the event\n * @param {Object} target A reference to the target to which the event was dispatched\n */\n
constructor(type, target) {\n this.target = target;\n this.type = type;\n }\n}\n\n/**\n * Class representing a
message event.\n *n * @extends Event\n * @private\n */\n class MessageEvent extends Event {\n /**\n * Create a
new `MessageEvent`. \n *n * @param {(String|Buffer|ArrayBuffer|Buffer[])} data The received data\n *
@param {WebSocket} target A reference to the target to which the event was dispatched\n */\n constructor(data,
target) {\n super('message', target);\n\n this.data = data;\n }\n}\n\n/**\n * Class representing a close event.\n *n
* @extends Event\n * @private\n */\n class CloseEvent extends Event {\n /**\n * Create a new `CloseEvent`. \n
*n * @param {Number} code The status code explaining why the connection is being closed\n * @param
{String} reason A human-readable string explaining why the connection is closing\n * @param {WebSocket}
target A reference to the target to which the event was dispatched\n */\n constructor(code, reason, target) {\n
super('close', target);\n\n this.wasClean = target._closeFrameReceived && target._closeFrameSent;\n this.reason
= reason;\n this.code = code;\n }\n}\n\n/**\n * Class representing an open event.\n *n * @extends Event\n *
@private\n */\n class OpenEvent extends Event {\n /**\n * Create a new `OpenEvent`. \n *n * @param
{WebSocket} target A reference to the target to which the event was dispatched\n */\n constructor(target) {\n
super('open', target);\n }\n}\n\n/**\n * Class representing an error event.\n *n * @extends Event\n * @private\n
*/\n class ErrorEvent extends Event {\n /**\n * Create a new `ErrorEvent`. \n *n * @param {Object} error The
error that generated this event\n * @param {WebSocket} target A reference to the target to which the event was
dispatched\n */\n constructor(error, target) {\n super('error', target);\n\n this.message = error.message;\n
this.error = error;\n }\n}\n\n/**\n * This provides methods for emulating the `EventTarget` interface. It's not\n
* meant to be used directly.\n *n * @mixin\n */\n const EventTarget = {\n /**\n * Register an event listener.\n *n
* @param {String} method A string representing the event type to listen for\n * @param {Function} listener The
listener to add\n * @public\n */\n addEventListener(method, listener) {\n if (typeof listener !== 'function')
return;\n\n function onMessage(data) {\n listener.call(this, new MessageEvent(data, this));\n }\n\n function
onClose(code, message) {\n listener.call(this, new CloseEvent(code, message, this));\n }\n\n function
onError(error) {\n listener.call(this, new ErrorEvent(error, this));\n }\n\n function onOpen() {\n
listener.call(this, new OpenEvent(this));\n }\n\n if (method === 'message') {\n onMessage._listener =
listener;\n this.on(method, onMessage);\n } else if (method === 'close') {\n onClose._listener = listener;\n
this.on(method, onClose);\n } else if (method === 'error') {\n onError._listener = listener;\n this.on(method,
onError);\n } else if (method === 'open') {\n onOpen._listener = listener;\n this.on(method, onOpen);\n }
else {\n this.on(method, listener);\n }\n },\n\n /**\n * Remove an event listener.\n *n * @param {String}
method A string representing the event type to remove\n * @param {Function} listener The listener to remove\n *
@public\n */\n removeEventListener(method, listener) {\n const listeners = this.listeners(method);\n\n for (let i
= 0; i < listeners.length; i++) {\n if (listeners[i] === listener || listeners[i]._listener === listener) {\n
this.removeListener(method, listeners[i]);\n }\n }\n }\n },\n\nmodule.exports = EventTarget;\n", "use
strict";\n\nconst { Duplex } = require('stream');\n\n/**\n * Emits the `close` event on a stream.\n *n * @param
{stream.Duplex} The stream.\n * @private\n */\n function emitClose(stream) {\n stream.emit('close');\n }\n\n/**\n
* The listener of the `end` event.\n *n * @private\n */\n function duplexOnEnd() {\n if (!this.destroyed &&
this._writableState.finished) {\n this.destroy();\n }\n }\n\n/**\n * The listener of the `error` event.\n *n *
@private\n */\n function duplexOnError(err) {\n this.removeListener('error', duplexOnError);\n this.destroy();\n if
(this.listenerCount('error') === 0) {\n // Do not suppress the throwing behavior.\n this.emit('error', err);\n
}

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}
}

/**
 * Wraps a `WebSocket` in a duplex stream.
 * @param {WebSocket} ws The `WebSocket` to wrap
 * @param {Object} options The options for the `Duplex` constructor
 * @return {stream.Duplex} The duplex stream
 * @public
 */
function createWebSocketStream(ws, options) {
  let resumeOnReceiverDrain = true;

  function receiverOnDrain() {
    if (resumeOnReceiverDrain) ws._socket.resume();
  }

  if (ws.readyState === ws.CONNECTING) {
    ws.once('open', function open() {
      ws._receiver.removeAllListeners('drain');
      ws._receiver.on('drain', receiverOnDrain);
    });
  } else {
    ws._receiver.removeAllListeners('drain');
    ws._receiver.on('drain', receiverOnDrain);
  }

  const duplex = new Duplex({
    ...options,
    autoDestroy: false,
    emitClose: false,
    objectMode: false,
    writableObjectMode: false
  });

  ws.on('message', function message(msg) {
    if (!duplex.push(msg)) {
      resumeOnReceiverDrain = false;
      ws._socket.pause();
    }
  });

  ws.once('error', function error(err) {
    duplex.destroy(err);
  });

  ws.once('close', function close() {
    if (duplex.destroyed) return;
    duplex.push(null);
  });

  duplex._destroy = function(err, callback) {
    if (ws.readyState === ws.CLOSED) callback(err);
    process.nextTick(emitClose, duplex);
    return;
  };

  ws.once('close', function close() {
    callback(err);
    process.nextTick(emitClose, duplex);
  });

  ws.terminate();

  duplex._final = function(callback) {
    if (ws.readyState === ws.CONNECTING) {
      ws.once('open', function open() {
        duplex._final(callback);
      });
    }
    return;
  };

  if (ws._socket._writableState.finished) {
    if (duplex._readableState.endEmitted) duplex.destroy();
    callback();
  } else {
    ws._socket.once('finish', function finish() {
      // `duplex` is not destroyed here because the `end` event will be
      // emitted on `duplex` after this `finish` event. The EOF signaling
      // `null` chunk is, in fact, pushed when the WebSocket emits `close`.
      callback();
    });
    ws.close();
  }

  duplex._read = function() {
    if (ws.readyState === ws.OPEN && !resumeOnReceiverDrain) {
      resumeOnReceiverDrain = true;
      if (!ws._receiver._writableState.needDrain) ws._socket.resume();
    }
  };

  duplex._write = function(chunk, encoding, callback) {
    if (ws.readyState === ws.CONNECTING) {
      ws.once('open', function open() {
        duplex._write(chunk, encoding, callback);
      });
    }
    return;
  };

  ws.send(chunk, callback);

  duplex.on('end', duplex.onEnd);
  duplex.on('error', duplex.onError);
  return duplex;
}

module.exports = createWebSocketStream;

'use strict';

const EventEmitter = require('events');
const { createHash } = require('crypto');
const { createServer, STATUS_CODES } = require('http');
const PerMessageDeflate = require('./permessage-deflate');
const WebSocket = require('./websocket');
const { format, parse } = require('./extension');
const { GUID } = require('./constants');
const keyRegex = /^[+0-9A-Za-z]{22}==$/;
const kUsedByWebSocketServer = Symbol('kUsedByWebSocketServer');

/**
 * Class representing a WebSocket server.
 * @extends EventEmitter
 */
class WebSocketServer extends EventEmitter {
  /**
   * Create a `WebSocketServer` instance.
   * @param {Object} options Configuration options
   * @param {Number} options.backlog The maximum length of the queue of pending connections
   * @param {Boolean} options.clientTracking Specifies whether or not to track clients
   * @param {Function} options.handleProtocols A hook to handle protocols
   * @param {String} options.host The hostname where to bind the server
   * @param {Number} options.maxPayload The maximum allowed message size
   * @param {Boolean} options.noServer Enable no server mode
   * @param {String} options.path Accept only connections matching this path
   * @param {(Boolean|Object)} options.perMessageDeflate Enable/disable permessage-deflate
   * @param {Number} options.port The port where to bind the server
   * @param {http.Server} options.server A pre-created HTTP/S server to use
   * @param {Function} options.verifyClient A hook to reject connections
   * @param {Function} callback A listener for the `listening` event
   */
  constructor(options, callback) {
    super();
    options = {
      maxPayload: 100 * 1024 * 1024,
      perMessageDeflate: false,
      handleProtocols: null,
      clientTracking: true,
      verifyClient: null,
      noServer: false,
      backlog: null, // use default (511 as implemented in net.js)
      server: null,
      host: null,
      path: null,
      port: null,
      ...options
    };

    if (options.port == null && !options.server && !options.noServer) {
      throw new TypeError('One of the `port`, `server`, or `noServer` options must be specified');
    }

    if (options.port != null) {
      this._server = createServer((req, res) => {
        const body = STATUS_CODES[426];
        res.writeHead(426, {
          'Content-Length': body.length,

```

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'Content-Type': 'text/plain\n    });\n    res.end(body);\n    });\n    this._server.listen(\n    options.port,\n    options.host,\n    options.backlog,\n    callback\n    );\n  } else if (options.server) {\n    if\n    (options.server[kUsedByWebSocketServer]) {\n      throw new Error(\n        "The HTTP/S server is already being\n        used by another WebSocket server"\n      );\n    }\n    options.server[kUsedByWebSocketServer] = true;\n    this._server = options.server;\n  }\n  if (this._server) {\n    this._removeListeners = addListeners(this._server,\n    {\n      listening: this.emit.bind(this, 'listening'),\n      error: this.emit.bind(this, 'error'),\n      upgrade: (req, socket,\n      head) => {\n        this.handleUpgrade(req, socket, head, (ws) => {\n          this.emit('connection', ws, req);\n        });\n      }\n    });\n    if (options.perMessageDeflate === true) options.perMessageDeflate = {};\n    if\n    (options.clientTracking) this.clients = new Set();\n    this.options = options;\n  }\n  /**\n   * Returns the bound\n   address, the address family name, and port of the server\n   * as reported by the operating system if listening on an\n   IP socket.\n   * If the server is listening on a pipe or UNIX domain socket, the name is\n   * returned as a string.\n   *\n   * @return {(Object|String|null)} The address of the server\n   * @public\n   */\n  address() {\n    if\n    (this.options.noServer) {\n      throw new Error("The server is operating in \"noServer\" mode");\n    }\n    if\n    (!this._server) return null;\n    return this._server.address();\n  }\n  /**\n   * Close the server.\n   *\n   * @param\n   {Function} cb Callback\n   * @public\n   */\n  close(cb) {\n    if (cb) this.once('close', cb);\n    // Terminate\n    all associated clients.\n    if (this.clients) {\n      for (const client of this.clients) client.terminate();\n    }\n    const server = this._server;\n    if (server) {\n      this._removeListeners();\n      this._removeListeners =\n      this._server = null;\n      // Close the http server if it was internally created.\n      if (this.options.port\n      !== null) {\n        server.close(() => this.emit('close'));\n        return;\n      }\n      delete\n      server[kUsedByWebSocketServer];\n    }\n    process.nextTick(emitClose, this);\n  }\n  /**\n   * See if a given\n   request should be handled by this server instance.\n   *\n   * @param {http.IncomingMessage} req Request object to\n   inspect\n   * @return {Boolean} `true` if the request is valid, else `false`\n   * @public\n   */\n  shouldHandle(req)\n  {\n    if (this.options.path) {\n      const index = req.url.indexOf('?');\n      const pathname = index !== -1 ?\n      req.url.slice(0, index) : req.url;\n      if (pathname !== this.options.path) return false;\n    }\n    return true;\n  }\n  /**\n   * Handle a HTTP Upgrade request.\n   *\n   * @param {http.IncomingMessage} req The request\n   object\n   * @param {net.Socket} socket The network socket between the server and client\n   * @param {Buffer}\n   head The first packet of the upgraded stream\n   * @param {Function} cb Callback\n   * @public\n   */\n  handleUpgrade(req, socket, head, cb) {\n    socket.on('error', socketOnError);\n    const key =\n    req.headers['sec-websocket-key'] !== undefined\n      ? req.headers['sec-websocket-key'].trim()\n      : false;\n    const version = +req.headers['sec-websocket-version'];\n    const extensions = {};\n    if (\n    req.method !==\n    'GET' ||\n    req.headers.upgrade.toLowerCase() !== 'websocket' ||\n    !key ||\n    !keyRegex.test(key) ||\n    (version !== 8 && version !== 13) ||\n    !this.shouldHandle(req)\n    ) {\n      return abortHandshake(socket,\n      400);\n    }\n    if (this.options.perMessageDeflate) {\n      const perMessageDeflate = new PerMessageDeflate(\n      this.options.perMessageDeflate,\n      true,\n      this.options.maxPayload\n      );\n      try {\n        const offers\n        = parse(req.headers['sec-websocket-extensions']);\n        if (offers[PerMessageDeflate.extensionName]) {\n          perMessageDeflate.accept(offers[PerMessageDeflate.extensionName]);\n          extensions[PerMessageDeflate.extensionName] = perMessageDeflate;\n        }\n      } catch (err) {\n        return\n        abortHandshake(socket, 400);\n      }\n      // Optionally call external client verification handler.\n      if (this.options.verifyClient) {\n        const info = {\n          origin: req.headers[`${version} ? 'sec-\n          websocket-origin' : 'origin']\n        },\n        secure: !(req.connection.authorized || req.connection.encrypted),\n        req\n      };\n        if (this.options.verifyClient.length === 2) {\n          this.options.verifyClient(info, (verified, code, message,\n          headers) => {\n            if (!verified) {\n              return abortHandshake(socket, code || 401, message, headers);\n            }\n            this.completeUpgrade(key, extensions, req, socket, head, cb);\n          });\n        } else {\n          if (!this.options.verifyClient(info)) return abortHandshake(socket, 401);\n          this.completeUpgrade(key,\n          extensions, req, socket, head, cb);\n        }\n      }\n      /**\n       * Upgrade the connection to WebSocket.\n       *\n       * @param\n       {String} key The value of the `Sec-WebSocket-Key` header\n       * @param {Object} extensions The accepted\n       extensions\n       * @param {http.IncomingMessage} req The request object\n       * @param {net.Socket} socket The\n       network socket between the server and client\n       * @param {Buffer} head The first packet of the upgraded stream\n
```

```

* @param {Function} cb Callback\n * @private\n *\n completeUpgrade(key, extensions, req, socket, head, cb)
{\n /\n // Destroy the socket if the client has already sent a FIN packet.\n /\n if (!socket.readable ||
!socket.writable) return socket.destroy();\n\n const digest = createHash('sha1')\n .update(key + GUID)\n .digest('base64');\n\n const headers = [\n 'HTTP/1.1 101 Switching Protocols',\n 'Upgrade: websocket',\n 'Connection: Upgrade',\n `Sec-WebSocket-Accept: ${digest}`\n ];\n\n const ws = new WebSocket(null);\n let protocol = req.headers['sec-websocket-protocol'];\n\n if (protocol) {\n protocol = protocol.trim().split(/ *, */);\n }\n\n /\n // Optionally call external protocol selection handler.\n /\n if (this.options.handleProtocols)
{\n protocol = this.options.handleProtocols(protocol, req);\n } else {\n protocol = protocol[0];\n }\n\n if (protocol) {\n headers.push(`Sec-WebSocket-Protocol: ${protocol}`);\n ws.protocol = protocol;\n }\n }\n\n if (extensions[PerMessageDeflate.extensionName]) {\n const params =
extensions[PerMessageDeflate.extensionName].params;\n const value = format({\n [PerMessageDeflate.extensionName]: [params]\n });\n headers.push(`Sec-WebSocket-Extensions:
${value}`);\n ws._extensions = extensions;\n }\n\n /\n // Allow external modification/inspection of
handshake headers.\n /\n this.emit('headers', headers, req);\n\n socket.write(headers.concat('\r\n').join('\r\n'));\n socket.removeListener('error', socketOnError);\n\n ws.setSocket(socket, head, this.options.maxPayload);\n\n if (this.clients) {\n this.clients.add(ws);\n ws.on('close', () => this.clients.delete(ws));\n }\n\n cb(ws);\n }\n\n\nmodule.exports =
WebSocketServer;\n\n/**\n * Add event listeners on an `EventEmitter` using a map of <event, listener>\n * pairs.\n *\n * @param {EventEmitter} server The event emitter\n * @param {Object.<String, Function>} map The listeners
to add\n * @return {Function} A function that will remove the added listeners when called\n * @private\n *\nfunction addListeners(server, map) {\n for (const event of Object.keys(map)) server.on(event, map[event]);\n return function removeListeners() {\n for (const event of Object.keys(map)) {\n server.removeListener(event,
map[event]);\n }\n }\n }\n\n\n/**\n * Emit a `close` event on an `EventEmitter`.\n *\n * @param {EventEmitter}
server The event emitter\n * @private\n *\nfunction emitClose(server) {\n server.emit('close');\n }\n\n\n/**\n *
Handle premature socket errors.\n *\n * @private\n *\nfunction socketOnError() {\n this.destroy();\n }\n\n\n/**\n *
Close the connection when preconditions are not fulfilled.\n *\n * @param {net.Socket} socket The socket of the
upgrade request\n * @param {Number} code The HTTP response status code\n * @param {String} [message] The
HTTP response body\n * @param {Object} [headers] Additional HTTP response headers\n * @private\n *\nfunction abortHandshake(socket, code, message, headers) {\n if (socket.writable) {\n message = message ||
STATUS_CODES[code];\n headers = {\n Connection: 'close',\n 'Content-type': 'text/html',\n 'Content-
Length': Buffer.byteLength(message),\n ...headers\n };\n\n socket.write(\n `HTTP/1.1 ${code}
${STATUS_CODES[code]}`\n\n +\n Object.keys(headers)\n .map(h => `${h}: ${headers[h]}`)\n\n .join('\r\n') +\n '\r\n\r\n' +\n message\n );\n\n socket.removeListener('error', socketOnError);\n\n socket.destroy();\n }\n }\n\n\n/**\n * @license React\n * react-debug-tools.production.min.js\n *\n * Copyright (c)
Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n *
LICENSE file in the root directory of this source tree.\n *\nuse strict';var h=require("object-
assign"),l=require("error-stack-
parser"),q=require("react").__SECRET_INTERNALS_DO_NOT_USE_OR_YOU_WILL_BE FIRED,w=[],x=nu
ll;\nfunction y(){if(null===x){var a=new
Map;try{z.useContext({_currentValue:null}),z.useState(null),z.useReducer(function(a){return
a},null),z.useRef(null),\nfunction\n===typeof
z.useCacheRefresh&&z.useCacheRefresh(),z.useLayoutEffect(function(){}),z.useInsertionEffect(function(){}),z.us
eEffect(function(){}),z.useImperativeHandle(void 0,function(){return
null}),z.useDebugValue(null),z.useCallback(function(){}),z.useMemo(function(){return null})}finally{var
b=w;w=[]}for(var e=0;e<b.length;e++){var f=b[e];na.set(f.primitive,l.parse(f.stackError))}x=a}return x}var
A=null;function B(){var a=A;null!==(a&&(A=a.next));return a}\nvar z={getCacheForType:function(){throw
Error("\nNot implemented.\n")};readContext:function(a){return a._currentValue},useCacheRefresh:function(){var
a=B();w.push({primitive:"CacheRefresh",stackError:Error(),value:null!==(a?a.memoizedState:function(){})});return

```

```

n function(){}},useCallback:function(a){var
b=B();w.push({primitive:"Callback",stackError:Error(),value:null!==(b?b.memoizedState[0]:a));return
a},useContext:function(a){w.push({primitive:"Context",stackError:Error(),value:a._currentValue});return
a._currentValue},\nuseEffect:function(a){B();w.push({primitive:"Effect",stackError:Error(),value:a}),useImperat
iveHandle:function(a){B();var b=void 0>null!==(a&&"object"===typeof
a&&(b=a.current));w.push({primitive:"ImperativeHandle",stackError:Error(),value:b}),useDebugValue:function(a
,b){w.push({primitive:"DebugValue",stackError:Error(),value:"function"===typeof
b?b(a):a}),useLayoutEffect:function(a){B();w.push({primitive:"LayoutEffect",stackError:Error(),value:a}),useI
nsertionEffect:function(a){B();w.push({primitive:"InsertionEffect",\nstackError:Error(),value:a}),useMemo:funct
ion(a){var
b=B();a=null!==(b?b.memoizedState[0]:a);w.push({primitive:"Memo",stackError:Error(),value:a});return
a},useReducer:function(a,b,e){a=B();b=null!==(a?a.memoizedState:void
0!==(e?e(b):b);w.push({primitive:"Reducer",stackError:Error(),value:b});return[b,function(){}]},useRef:function(a)
{var
b=B();a=null!==(b?b.memoizedState:{current:a};w.push({primitive:"Ref",stackError:Error(),value:a.current});retur
n a},useState:function(a){var b=B();a=null!==(b?b.memoizedState:\n"function"===typeof
a?a():a);w.push({primitive:"State",stackError:Error(),value:a});return[a,function(){}]},useTransition:function(){B()
;B();w.push({primitive:"Transition",stackError:Error(),value:void
0});return[!1,function(){}]},useMutableSource:function(a,b){B();B();B();a=b(a._source);w.push({primitive:"M
utableSource",stackError:Error(),value:a});return
a},useSyncExternalStore:function(a,b){B();B();a=b();w.push({primitive:"SyncExternalStore",stackError:Error(),va
lue:a});return
a},useDeferredValue:function(a){B();\nB();w.push({primitive:"DeferredValue",stackError:Error(),value:a});return
a},useId:function(){var
a=B();a=null!==(a?a.memoizedState:"");w.push({primitive:"Id",stackError:Error(),value:a});return
a}},C=0;function D(a,b,e){var f=b[e].source,c=0;a.for(;;c<a.length;c++)if(a[c].source===f){for(var
m=e+1,r=c+1;m<b.length&&r<a.length;m++,r++)if(a[r].source!==b[m].source)continue a;return c}return-
1}function E(a,b){if(!a)return!1;b="use"+b;return a.length<b.length?!1:a.lastIndexOf(b)===a.length-
b.length}\nfunction F(a,b,e){for(var f=[],c=null,m=f,r=0,t=[],v=0;v<b.length;v++){var u=b[v];var d=a;var
k=l.parse(u.stackError);b:{var n=k,p=D(n,d,C);if(-1!==p)d=p;else{for(var
g=0;g<d.length&&5>g;g++)if(p=D(n,d,g),-1===p){C=g;d=p;break b}d=-1}}b:{n=k;p=y().get(u.primitive);if(void
0!==(p)for(g=0;g<p.length&&g<n.length;g++)if(p[g].source!==n[g].source){g<n.length-
1&&E(n[g].functionName,u.primitive)&&g++&&g<n.length-
1&&E(n[g].functionName,u.primitive)&&g++&&n=g;break b}n=-1}k=-1===d||-1===n||2>d-n?null:k.slice(n,\nd-
1);if(null!==(k){d=0;if(null!==(c){for(d<k.length&&d<c.length&&k[k.length-d-1].source===c[c.length-d-
1].source;){d++;for(c=c.length-1;c>d;c--)m=t.pop()}for(c=k.length-d-1;1<=c;c--)d=[],n=k[c],(p=k[c-
1].functionName)?(g=p.lastIndexOf("\."),-
1===g&&(g=0),"use"===p.substr(g,3)&&(g+=3),p=p.substr(g)):p="",p={id:null,isStateEditable:!1,name:p,value
:void
0,subHooks:d},e&&(p.hookSource={lineNumber:n.lineNumber,columnNumber:n.columnNumber,functionName:n.
functionName,fileName:n.fileName}),m.push(p),t.push(m),\nm=d;c=k}d=u.primitive;u={id:"Context"===d||"Deb
ugValue"===d?null:r++,isStateEditable:"Reducer"===d||"State"===d,name:d,value:u.value,subHooks:[]};e&&(
d={lineNumber:null,functionName:null,fileName:null,columnNumber:null},k&&1<=k.length&&(k=k[0],d.lineNu
mber=k.lineNumber,d.functionName=k.functionName,d.fileName=k.fileName,d.columnNumber=k.columnNumber
),u.hookSource=d);m.push(u)}G(f,null);return f}\nfunction G(a,b){for(var e=[],f=0;f<a.length;f++){var
c=a[f];"DebugValue"===c.name&&0===c.subHooks.length?(a.splice(f,1),f-
,e.push(c)):G(c.subHooks,c)}null!==(b&&(1===e.length?b.value=e[0].value:1<e.length&&(b.value=e.map(function
(a){return a.value}))))}function H(a,b,e){var f=3<arguments.length&&void

```



```

0!==arguments[3]?arguments[3]:!1,null===e&&(e=q.ReactCurrentDispatcher);var c=e.current;e.current=z;try{var
m=Error();a(b)}finally{var r=w;w=[];e.current=c}c=l.parse(m);return F(c,r,f)}\nfunction
I(a){a.forEach(function(a,e){return
e._currentValue=a}})exports.inspectHooks=H;\n\nexports.inspectHooksOfFiber=function(a,b){var
e=2<arguments.length&&void
0!==arguments[2]?arguments[2]:!1,null===b&&(b=q.ReactCurrentDispatcher);if(0!==a.tag&&15!==a.tag&&11!==
a.tag)throw Error("\nUnknown Fiber. Needs to be a function component to inspect hooks.");y();var
f=a.type,c=a.memoizedProps;if(f!==a.elementType&&f&&f.defaultProps){c=h({},c);var m=f.defaultProps;for(r in
m)void 0===c[r]&&(c[r]=m[r])}A=a.memoizedState;var r=new Map;try{for(m=a;m;){if(10===m.tag){var
t=m.type._context;r.has(t)||\n(r.set(t,t._currentValue),t._currentValue=m.memoizedProps.value)}m=m.return}if(11=
===a.tag){var v=f.render;f=c;var u=a.ref;t=b;var d=t.current;t.current=z;try{var k=Error();v(f,u)}finally{var
n=w;w=[];t.current=d}var p=l.parse(k);return F(p,n,e)}return H(f,c,b,e)}finally{A=null,I(r)};\n\n","(function(root,
factory){\n  'use strict';\n  // Universal Module Definition (UMD) to support AMD, CommonJS/Node.js, Rhino,
and browsers.\n\n  /* istanbul ignore next */\n  if (typeof define === 'function' && define.amd) {\n
define('stackframe', [], factory);\n  } else if (typeof exports === 'object') {\n    module.exports = factory();\n  }
else {\n    root.StackFrame = factory();\n  }\n})(this, function() {\n  'use strict';\n  function _isNumber(n) {\n
return !isNaN(parseFloat(n)) && isFinite(n);\n  }\n\n  function _capitalize(str) {\n    return
str.charAt(0).toUpperCase() + str.substr(1);\n  }\n\n  function _getter(p) {\n    return function() {\n
return this[p];\n    };\n  }\n\n  var booleanProps = ['isConstructor', 'isEval', 'isNative', 'isToplevel'];\n  var
numericProps = ['columnNumber', 'lineNumber'];\n  var stringProps = ['fileName', 'functionName', 'source'];\n
var arrayProps = ['args'];\n\n  var props = booleanProps.concat(numericProps, stringProps, arrayProps);\n\n
function StackFrame(obj) {\n    if (!obj) return;\n    for (var i = 0; i < props.length; i++) {\n      if
(obj[props[i]] !== undefined) {\n        this['set' + _capitalize(props[i])](obj[props[i]]);\n      }\n    }\n
\n    StackFrame.prototype = {\n      getArgs: function() {\n        return this.args;\n      },\n      setArgs:
function(v) {\n        if (Object.prototype.toString.call(v) !== '[object Array]') {\n          throw new
TypeError('Args must be an Array');\n        }\n        this.args = v;\n      },\n      getEvalOrigin: function() {\n
return this.evalOrigin;\n      },\n      setEvalOrigin: function(v) {\n        if (v instanceof StackFrame) {\n
this.evalOrigin = v;\n        } else if (v instanceof Object) {\n          this.evalOrigin = new
StackFrame(v);\n        } else {\n          throw new TypeError('Eval Origin must be an Object or
StackFrame');\n        }\n      },\n      toString: function() {\n        var fileName = this.getFileName() || "";\n
var lineNumber = this.getLineNumber() || "";\n        var columnNumber = this.getColumnNumber() || "";\n
var functionName = this.getFunctionName() || "";\n        if (this.getIsEval()) {\n          if (fileName) {\n
return '[eval] (' + fileName + ':' + lineNumber + ':' + columnNumber + ')';\n          }\n          return '[eval]:' +
lineNumber + ':' + columnNumber;\n        }\n        if (functionName) {\n          return functionName + ' (' +
fileName + ':' + lineNumber + ':' + columnNumber + ')';\n        }\n        return fileName + ':' + lineNumber + ':' +
columnNumber;\n      }\n    };\n\n    StackFrame.fromString = function StackFrame$$fromString(str) {\n      var
argsStartIndex = str.indexOf('(');\n      var argsEndIndex = str.lastIndexOf('');\n\n      var functionName =
str.substring(0, argsStartIndex);\n      var args = str.substring(argsStartIndex + 1, argsEndIndex).split(',');\n      var
locationString = str.substring(argsEndIndex + 1);\n\n      if (locationString.indexOf('@') === 0) {\n        var parts
= /@(.+)?(?::(\d+))?(?::(\d+))?$/exec(locationString, "");\n        var fileName = parts[1];\n        var lineNumber
= parts[2];\n        var columnNumber = parts[3];\n      }\n\n      return new StackFrame({\n        functionName:
functionName,\n        args: args || undefined,\n        fileName: fileName,\n        lineNumber:
lineNumber || undefined,\n        columnNumber: columnNumber || undefined\n      });\n    };\n\n    for (var i = 0; i
< booleanProps.length; i++) {\n      StackFrame.prototype['get' + _capitalize(booleanProps[i])] =
_getter(booleanProps[i]);\n      StackFrame.prototype['set' + _capitalize(booleanProps[i])] = (function(p) {\n
return function(v) {\n        this[p] = Boolean(v);\n      };\n    })(booleanProps[i]);\n    }\n\n    for (var j = 0;
j < numericProps.length; j++) {\n      StackFrame.prototype['get' + _capitalize(numericProps[j])] =
_getter(numericProps[j]);\n      StackFrame.prototype['set' + _capitalize(numericProps[j])] = (function(p) {\n

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```

return function(v) {
  if (!isNumber(v)) {
    throw new TypeError(p + ' must be a Number');
  }
  this[p] = Number(v);
};
})(numericProps[j]);
}
for (var k = 0; k <
stringProps.length; k++) {
  StackFrame.prototype['get' + _capitalize(stringProps[k])] =
_getter(stringProps[k]);
  StackFrame.prototype['set' + _capitalize(stringProps[k])] = (function(p) {
return function(v) {
  this[p] = String(v);
};
})(stringProps[k]);
return
StackFrame;
}));
"n", "nvar content = require("!../css-loader/index.js??ref--6-1!./styles.css");
nif(typeof
content === 'string') content = [[module.id, content, "]];
nvar transform;
nvar insertInto;
nvar options =
{"hmr": true};
noptions.transform = transform;
noptions.insertInto = undefined;
nvar update =
require("!../style-loader/lib/addStyles.js")(content, options);
nif(content.locals) module.exports =
content.locals;
nif(module.hot) {
nmodule.hot.accept("!../css-loader/index.js??ref--6-1!./styles.css",
function() {
n(tvar newContent = require("!../css-loader/index.js??ref--6-1!./styles.css");
n(tif(typeof
newContent === 'string') newContent = [[module.id, newContent, "]];
n(t(tvar locals = (function(a, b) {
n(t(tvar
key, idx = 0;
n(t(tfor(key in a) {
n(t(tif(!b || a[key] !== b[key]) return
false;
n(t(t(tidx++);
n(t(t}
n(t(tfor(key in b) idx--);
n(t(t}
n(t(t}
return idx === 0;
n(t(t}(content.locals,
newContent.locals));
n(t(tif(!locals) throw new Error('Aborting CSS HMR due to changed css-modules
locals.');
```



```

color-text-selected);\n\n /* Invert colors */\n --color-component-name: var(--color-component-name-inverted);\n
--color-text: var(--color-text-selected);\n --color-component-badge-background: var(\n --color-component-
badge-background-inverted\n );\n --color-component-badge-count: var(--color-component-badge-count-
inverted);\n --color-attribute-name: var(--color-attribute-name-inverted);\n --color-attribute-value: var(--color-
attribute-value-inverted);\n --color-expand-collapse-toggle: var(--color-component-name-
inverted);\n}\n\n.KeyName__iOoVX {\n color: var(--color-attribute-name);\n}\n\n.KeyValue__2hQzO {\n
color: var(--color-attribute-value);\n user-select: text;\n max-width: 100px;\n overflow-x: hidden;\n text-
overflow: ellipsis;\n}\n\n.Highlight__OJ7Ox {\n background-color: var(--color-search-
match);\n}\n\n.CurrentHighlight__3RWa2 {\n background-color: var(--color-search-match-
current);\n}\n\n.ExpandCollapseToggle__3CxPD {\n display: inline-flex;\n width: 1rem;\n height: 1rem;\n
flex: 0 0 1rem;\n color: var(--color-expand-collapse-toggle);\n}\n\n.Badge__36OB- {\n margin-left:
0.25rem;\n}\n\n.ErrorIcon__2HE8O,\n.ErrorIconContrast__25w80,\n.StrictMode__3TX6u,\n.StrictModeCo
ntrast__f70us,\n.WarningIcon__3s2DR,\n.WarningIconContrast__12tJE {\n height: 0.75rem !important;\n
width: 0.75rem !important;\n margin-left: 0.25rem;\n}\n\n.ErrorIcon__2HE8O {\n color: var(--color-console-
error-icon);\n}\n\n.StrictMode__3TX6u {\n color: var(--color-dimmer);\n}\n\n.WarningIcon__3s2DR {\n color:
var(--color-console-warning-icon);\n}\n\n.ErrorIconContrast__25w80, .WarningIconContrast__12tJE {\n color:
var(--color-component-name);\n}\n\n.StrictModeContrast__f70us {\n color: var(--color-text);\n}\n\n", \n\n");\n\n//
exports\nexports.locals = {\n\t"Element": "Element__1PGUo",\n\t"InactiveSelectedElement":
"InactiveSelectedElement__3H2V0",\n\t"SelectedElement":
"SelectedElement__2BZuq",\n\t"HoveredElement": "HoveredElement__4tCuC",\n\t"Wrapper":
"Wrapper__1kRcF",\n\t"ScrollAnchor": "ScrollAnchor__31Dc8",\n\t"KeyName":
"KeyName__iOoVX",\n\t"KeyValue": "KeyValue__2hQzO",\n\t"Highlight":
"Highlight__OJ7Ox",\n\t"CurrentHighlight": "CurrentHighlight__3RWa2",\n\t"ExpandCollapseToggle":
"ExpandCollapseToggle__3CxPD",\n\t"Badge": "Badge__36OB-",\n\t"ErrorIcon":
"ErrorIcon__2HE8O",\n\t"ErrorIconContrast": "ErrorIconContrast__25w80",\n\t"StrictMode":
"StrictMode__3TX6u",\n\t"StrictModeContrast": "StrictModeContrast__f70us",\n\t"WarningIcon":
"WarningIcon__3s2DR",\n\t"WarningIconContrast": "WarningIconContrast__12tJE",\n};\n\nexports =
module.exports = require("../..../node_modules/css-loader/lib/css-base.js")(false);\n\n// imports\n\n//
module\nexports.push([module.id, ".ToggleDisabled__iQeZ3,\n.ToggleOn__3XJTo,\n.ToggleOff__142SC
{\n background: var(--color-button-background);\n border: none;\n border-radius: 0.25rem;\n padding: 0;\n
flex: 0 0 auto;\n}\n\n.ToggleContent__1C-vg {\n display: inline-flex;\n align-items: center;\n border-radius:
0.25rem;\n padding: 0.25rem;\n}\n\n.ToggleOff__142SC {\n border: none;\n background: var(--color-
button-background);\n color: var(--color-button);\n}\n\n.ToggleOff__142SC:hover {\n color: var(--color-button-
hover);\n}\n\n.ToggleOn__3XJTo,\n.ToggleOn__3XJTo:active {\n color: var(--color-button-active);\n
outline: none;\n}\n\n.ToggleOn__3XJTo:focus,\n.ToggleOff__142SC:focus,\n.ToggleContent__1C-vg:focus
{\n outline: none;\n}\n\n.ToggleOn__3XJTo:focus > .ToggleContent__1C-vg,\n.ToggleOff__142SC:focus >
.ToggleContent__1C-vg {\n background: var(--color-button-background-
focus);\n}\n\n.ToggleDisabled__iQeZ3 {\n background: var(--color-button-background);\n color: var(--color-
button-disabled);\n cursor: default;\n}\n\n\n.Input__ESX-3 {\n width: 0;\n margin: 0;\n opacity: 0;\n}\n\n",
\n\n");\n\n// exports\nexports.locals = {\n\t"ToggleDisabled": "ToggleDisabled__iQeZ3",\n\t"ToggleOn":
"ToggleOn__3XJTo",\n\t"ToggleOff": "ToggleOff__142SC",\n\t"ToggleContent": "ToggleContent__1C-
vg",\n\t"Input": "Input__ESX-3",\n};\n\nexports = module.exports = require("../..../node_modules/css-
loader/lib/css-base.js")(false);\n\n// imports\n\n// module\nexports.push([module.id, ".Tooltip__2QcDY {\n
border: none;\n border-radius: 0.25rem;\n padding: 0.25rem 0.5rem;\n font-family: var(--font-family-sans);\n
font-size: 12px;\n background-color: var(--color-tooltip-background);\n color: var(--color-tooltip-text);\n box-
shadow: 1px 1px 2px var(--color-shadow);\n}\n\n /* Make sure this is above the DevTools, which are above the
Overlay */\n z-index: 10000002;\n}\n\n", \n\n");\n\n// exports\nexports.locals = {\n\t"Tooltip":
"Tooltip__2QcDY",\n};\n\n/*\n * Copyright (c) 2013-present, Facebook, Inc.\n * This source code is licensed

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under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n\n'use
strict';\n\nvar ReactPropTypesSecret = require('./lib/ReactPropTypesSecret');\n\nfunction emptyFunction()
{\n}\nfunction emptyFunctionWithReset() {\n}\nemptyFunctionWithReset.resetWarningCache =
emptyFunction;\n\nmodule.exports = function() {\n  function shim(props, propName, componentName, location,
propFullName, secret) {\n    if (secret === ReactPropTypesSecret) {\n      // It is still safe when called from React.\n
return;\n    }\n    var err = new Error(\n      'Calling PropTypes validators directly is not supported by the `prop-
types` package. ' +\n      'Use PropTypes.checkPropTypes() to call them. ' +\n      'Read more at http://fb.me/use-
check-prop-types'\n    );\n    err.name = 'Invariant Violation';\n    throw err;\n  };\n  shim.isRequired = shim;\n
function getShim() {\n    return shim;\n  };\n  // Important!\n  // Keep this list in sync with production version in
`./factoryWithTypeCheckers.js`\n  var ReactPropTypes = {\n    array: shim,\n    bool: shim,\n    func: shim,\n
number: shim,\n    object: shim,\n    string: shim,\n    symbol: shim,\n\n    any: shim,\n    arrayOf: getShim,\n
element: shim,\n    elementType: shim,\n    instanceOf: getShim,\n    node: shim,\n    objectOf: getShim,\n    oneOf:
getShim,\n    oneOfType: getShim,\n    shape: getShim,\n    exact: getShim,\n\n    checkPropTypes:
emptyFunctionWithReset,\n    resetWarningCache: emptyFunction\n  };\n\n  ReactPropTypes.PropTypes =
ReactPropTypes;\n\n  return ReactPropTypes;\n};\n\n", "/*\n * Copyright (c) 2013-present, Facebook, Inc.\n *\n *
This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source
tree.\n *\n\n'use strict';\n\nvar ReactPropTypesSecret =
'SECRET_DO_NOT_PASS_THIS_OR_YOU_WILL_BE_FIRED';\n\nmodule.exports =
ReactPropTypesSecret;\n\n", "exports = module.exports = require(\"../../../../../node_modules/css-loader/lib/css-
base.js\")(false);\n\n// imports\n\n\n// module\n\n\nexports.push([module.id, \".Button__1-PiG {\n  border: none;\n
background: var(--color-button-background);\n  color: var(--color-button);\n  padding: 0;\n  border-radius:
0.25rem;\n  flex: 0 0 auto;\n}\n\n.ButtonContent__2mZ9q {\n  display: inline-flex;\n  align-items: center;\n
border-radius: 0.25rem;\n  padding: 0.25rem;\n}\n\n\n.Button__1-PiG:hover {\n  color: var(--color-button-
hover);\n}\n\n.Button__1-PiG:active {\n  color: var(--color-button-focus);\n  outline: none;\n}\n\n.Button__1-
PiG:focus,\n\n.ButtonContent__2mZ9q:focus {\n  outline: none;\n}\n\n\n.Button__1-PiG:focus >
.ButtonContent__2mZ9q {\n  background: var(--color-button-background-focus);\n}\n\n\n.Button__1-
PiG:disabled,\n\n.Button__1-PiG:disabled:active {\n  background: var(--color-button-background);\n  color: var(--
color-button-disabled);\n  cursor: default;\n}\n\n", \"\");\n\n\n// exports\n\n\nexports.locals = {\n  \n\t\"Button\":
\"Button__1-PiG\",\n  \n\t\"ButtonContent\": \"ButtonContent__2mZ9q\"\n};\n\n", "exports = module.exports =
require(\"../../../../../node_modules/css-loader/lib/css-base.js\")(false);\n\n// imports\n\n\n//
module\n\n\nexports.push([module.id, \".OwnerStack__32qwj {\n  max-width: 100%;\n  overflow-x: auto;\n  flex:
1;\n  display: flex;\n  align-items: center;\n  position:
relative;\n}\n\n\n.Component__3e3s7,\n\n.Component__3e3s7[data-reach-menu-item] {\n  font-family: var(--
font-family-monospace);\n  font-size: var(--font-size-monospace-normal);\n  user-select: none;\n  white-space:
nowrap;\n  display: flex;\n  align-items: center;\n}\n\n\n.Component__3e3s7[data-reach-menu-item][data-
selected],\n\n.Component__3e3s7[data-reach-menu-item][data-selected]:hover {\n  color: var(--color-text-
selected);\n  background: var(--color-background-selected);\n}\n\n\n.Component__3e3s7[data-reach-menu-
item][data-selected]:focus {\n  outline: none;\n}\n\n\n.Bar__3G3dX {\n  display: flex;\n  flex: 1 1 auto;\n
overflow-x: auto;\n}\n\n\n.VRule__IJYKJ {\n  flex: 0 0 auto;\n  height: 20px;\n  width: 1px;\n  background-
color: var(--color-border);\n  margin: 0 0.5rem;\n}\n\n\n\n.MenuButton__3te3U {\n  border-radius: 0.25rem;\n
display: inline-flex;\n  align-items: center;\n  padding: 0;\n  flex: 0 0 auto;\n  border: none;\n  background: var(--
color-button-background);\n  color: var(--color-button);\n}\n\n\n.MenuButtonContent__3VvHH {\n  display: inline-
flex;\n  align-items: center;\n  border-radius: 0.25rem;\n  padding: 0.25rem;\n}\n\n\n.MenuButton__3te3U:hover
{\n  color: var(--color-button-hover);\n}\n\n\n.MenuButton__3te3U[aria-
expanded='true'],\n\n.MenuButton__3te3U[aria-expanded='true']:active {\n  color: var(--color-button-active);\n
outline: none;\n}\n\n\n.MenuButton__3te3U:focus,\n\n.MenuButtonContent__3VvHH:focus {\n  outline:
none;\n}\n\n\n.MenuButton__3te3U:focus > .MenuButtonContent__3VvHH {\n  background: var(--color-button-
background-focus);\n}\n\n\n\n.Modal__8b8bs[data-reach-menu-list] {\n  display: inline-flex;\n  flex-direction:

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column;\n background-color: var(--color-background);\n color: var(--color-button);\n padding: 0.25rem 0;\n
padding-right: 0;\n border: 1px solid var(--color-border);\n border-radius: 0.25rem;\n max-height: 10rem;\n
overflow: auto;\n\n /* Make sure this is above the DevTools, which are above the Overlay */\n z-index:
10000002;\n position: relative;\n\n /* Reach UI tries to set its own :( */\n font-family: var(--font-family-
monospace);\n font-size: var(--font-size-monospace-
normal);\n}\n\n.NotInStore___3Y2P2,\n\n.NotInStore___3Y2P2:hover {\n color: var(--color-
dimmed);\n}\n\n.Badge___2E6aT {\n margin-left: 0.25rem;\n}\n\n"},\n\n");\n\n// exports\n\nexports.locals =
{\n\n\t"OwnerStack": "OwnerStack___32qwj",\n\n\t"Component": "Component___3e3s7",\n\n\t"Bar":
"Bar___3G3dX",\n\n\t"VRule": "VRule___1JYKJ",\n\n\t"MenuButton":
"MenuButton___3te3U",\n\n\t"MenuButtonContent": "MenuButtonContent___3VvHH",\n\n\t"Modal":
"Modal___8b8bs",\n\n\t"NotInStore": "NotInStore___3Y2P2",\n\n\t"Badge": "Badge___2E6aT",\n\n};\n\nexports =
module.exports = require("../..../node_modules/css-loader/lib/css-base.js")(false);\n\n// imports\n\n\n//
module\n\nexports.push([module.id, ".SearchInput___5BLz9 {\n flex: 1 1;\n display: flex;\n align-items:
center;\n}\n\n.Input___15H-Z {\n flex: 1 1 100px;\n width: 100px;\n font-size: var(--font-size-sans-large);\n
outline: none;\n border: none;\n background-color: var(--color-background);\n color: var(--color-text);\n
padding-left: 1.5rem;\n margin-left: -1rem;\n}\n\n.InputIcon___2jd-q {\n pointer-events: none;\n z-index:
2;\n color: var(--color-dimmer);\n}\n\n.IndexLabel___98Dk_ {\n color: var(--color-dim);\n font-size: var(--
font-size-sans-normal);\n white-space: pre;\n}\n\n.LeftVRule___B5avU,\n\n.RightVRule___1XZ0Q {\n height:
20px;\n width: 1px;\n background-color: var(--color-border);\n}\n\n.LeftVRule___B5avU {\n margin: 0 0.25rem
0 0.5rem;\n}\n\n.RightVRule___1XZ0Q {\n margin: 0 0.5rem 0 0.25rem;\n}\n\n"},\n\n");\n\n//
exports\n\nexports.locals = {\n\n\t"SearchInput": "SearchInput___5BLz9",\n\n\t"Input": "Input___15H-
Z",\n\n\t"InputIcon": "InputIcon___2jd-q",\n\n\t"IndexLabel": "IndexLabel___98Dk_",\n\n\t"LeftVRule":
"LeftVRule___B5avU",\n\n\t"RightVRule": "RightVRule___1XZ0Q",\n\n};\n\nexports = module.exports =
require("../..../node_modules/css-loader/lib/css-base.js")(false);\n\n// imports\n\n\n//
module\n\nexports.push([module.id, ".Active___3Y5D2,\n\n.Inactive___2Ddkx {\n position: absolute;\n left: 0;\n
width: 100%;\n z-index: 0;\n pointer-events: none;\n}\n\n.Active___3Y5D2 {\n background-color: var(--
color-selected-tree-highlight-active);\n}\n\n.Inactive___2Ddkx {\n background-color: var(--color-selected-tree-
highlight-inactive);\n}\n\n"},\n\n");\n\n// exports\n\nexports.locals = {\n\n\t"Active":
"Active___3Y5D2",\n\n\t"Inactive": "Inactive___2Ddkx",\n\n};\n\nexports = module.exports =
require("../..../node_modules/css-loader/lib/css-base.js")(false);\n\n// imports\n\n\n//
module\n\nexports.push([module.id, ".Tree___3Pjje {\n position: relative;\n height: 100%;\n width: 100%;\n
display: flex;\n flex-direction: column;\n border-top: 1px solid var(--color-border);\n\n /* Default size will be
adjusted by Tree after scrolling */\n --indentation-size: 12px;\n}\n\n.List___qIOJG {\n overflow-x: hidden
!important;\n}\n\n.InnerElementType___1csGF {\n overflow-x: hidden;\n}\n\n.SearchInput___1Q2I_ {\n
flex: 0 0 42px;\n display: flex;\n align-items: center;\n border-bottom: 1px solid var(--color-border);\n padding:
0.5rem;\n}\n\n.AutoSizerWrapper___3IcMr {\n width: 100%;\n overflow: hidden;\n flex: 1 0
auto;\n}\n\n.AutoSizerWrapper___3IcMr:focus {\n outline: none;\n}\n\n.List___qIOJG {\n font-family: var(--
font-family-monospace);\n font-size: var(--font-size-monospace-normal);\n line-height: var(--line-height-
data);\n}\n\n.VRule___3yG5q {\n height: 20px;\n width: 1px;\n flex: 0 0 1px;\n margin: 0 0.5rem;\n
background-color: var(--color-border);\n}\n\n.Loading___TrqnR {\n height: 100%;\n padding-left: 0.5rem;\n
display: flex;\n align-items: center;\n flex: 1;\n justify-content: flex-start;\n font-size: var(--font-size-sans-
large);\n color: var(--color-dim);\n}\n\n.IconAndCount___1CZUm {\n display: flex;\n align-items: center;\n
font-size: var(--font-size-sans-normal);\n}\n\n.ErrorIcon___1SNsZ, .WarningIcon___23GHe {\n width:
0.75rem;\n height: 0.75rem;\n margin-left: 0.25rem;\n margin-right: 0.25rem;\n flex: 0 0
auto;\n}\n\n.ErrorIcon___1SNsZ {\n color: var(--color-console-error-icon);\n}\n\n.WarningIcon___23GHe {\n
color: var(--color-console-warning-icon);\n}\n\n"},\n\n");\n\n// exports\n\nexports.locals = {\n\n\t"Tree":
"Tree___3Pjje",\n\n\t"List": "List___qIOJG",\n\n\t"InnerElementType":
"InnerElementType___1csGF",\n\n\t"SearchInput": "SearchInput___1Q2I_",\n\n\t"AutoSizerWrapper":

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\"AutoSizerWrapper___3IcMr\",n\\t\"VRule\": \"VRule___3yG5q\",n\\t\"Loading\":
\"Loading___TrqnR\",n\\t\"IconAndCount\": \"IconAndCount___1CZUm\",n\\t\"ErrorIcon\":
\"ErrorIcon___1SNsZ\",n\\t\"WarningIcon\": \"WarningIcon___23GHe\",n};,\"exports = module.exports =
require(\"../../../../../node_modules/css-loader/lib/css-base.js\")(false);n// imports\\n\\n//
module\\nexports.push([module.id, \"GitHubLinkRow___1Ubg1 {\\n flex: 0 0 auto;\\n display: flex;\\n align-
items: center;\\n text-overflow: ellipsis;\\n white-space: nowrap;\\n overflow: auto;\\n padding: 0.25rem
0.5rem;\\n background: var(--color-console-warning-background);\\n color: var(--color-text);\\n border-bottom:
1px solid var(--color-console-warning-border);\\n border-top: 1px solid var(--color-console-warning-
border);\\n}\\n\\n.WorkplaceGroupRow___2bkPD {\\n flex: 0 0 auto;\\n display: flex;\\n align-items: center;\\n
text-overflow: ellipsis;\\n white-space: nowrap;\\n overflow: auto;\\n padding: 0.25rem 0.5rem;\\n background:
var(--color-background-hover);\\n border-bottom: 1px solid var(--color-border);\\n}\\n\\n.ErrorBoundary___2iFtc
{\\n height: 100%;\\n width: 100%;\\n background-color: var(--color-background);\\n display: flex;\\n flex-
direction: column;\\n border: 1px solid var(--color-border);\\n}\\n\\n.ErrorInfo___3rbAr {\\n padding: 0.5rem;\\n
overflow: auto;\\n}\\n\\n.HeaderRow___1yCa9 {\\n display: flex;\\n flex-direction: row;\\n font-size: var(--font-
size-sans-large);\\n font-weight: bold;\\n}\\n\\n.ErrorHeader___Ck9BV,\\n.TimeoutHeader___2_O9L {\\n flex: 1 1
auto;\\n overflow: hidden;\\n text-overflow: ellipsis;\\n white-space: nowrap;\\n min-width:
0;\\n}\\n\\n.ErrorHeader___Ck9BV {\\n color: var(--color-error-text);\\n}\\n\\n.TimeoutHeader___2_O9L {\\n color:
var(--color-text);\\n}\\n\\n.ErrorStack___xWW5M,\\n.TimeoutStack___31pZb {\\n margin-top: 0.5rem;\\n white-
space: pre-wrap;\\n font-family: var(--font-family-monospace);\\n font-size: var(--font-size-monospace-normal);\\n
-webkit-font-smoothing: initial;\\n border-radius: 0.25rem;\\n padding: 0.5rem;\\n overflow:
auto;\\n}\\n\\n.ErrorStack___xWW5M {\\n background-color: var(--color-error-background);\\n border: 1px solid
var(--color-error-border);\\n color: var(--color-error-text);\\n}\\n\\n.TimeoutStack___31pZb {\\n background-color:
var(--color-console-warning-background);\\n color: var(--color-console-warning-text);\\n border: var(--color-
console-warning-border)\\n}\\n\\n.LoadingIcon___2Ox_q {\\n margin-right:
0.25rem;\\n}\\n\\n.ReportIcon___163qD {\\n margin-right: 0.25rem;\\n}\\n\\n.ReportLink___1RRG6 {\\n color:
var(--color-link);\\n}\\n}\\n\\n.FacebookOnly___1Q5yi {\\n margin-left: 0.25rem;\\n}\\n}\\n\\n.ReproSteps___21X2x {\\n
margin-left: 0.25rem;\\n color: var(--color-console-warning-text);\\n overflow: hidden;\\n text-overflow:
ellipsis;\\n white-space: nowrap;\\n min-width: 0;\\n}\\n}\\n\\n.UpdateExistingIssuePrompt___1AP89 {\\n margin-
right: 0.25rem;\\n color: var(--color-console-warning-text);\\n}\\n}\\n\\n.CloseButton___19JNk {\\n font-weight:
bold;\\n}\\n}\\n\\n.CloseButtonIcon___Fp6qN {\\n margin-left: 0.25rem;\\n}\\n}, \"\");n// exports\\nexports.locals =
{\\n\\t\"GitHubLinkRow\": \"GitHubLinkRow___1Ubg1\",n\\t\"WorkplaceGroupRow\":
\"WorkplaceGroupRow___2bkPD\",n\\t\"ErrorBoundary\": \"ErrorBoundary___2iFtc\",n\\t\"ErrorInfo\":
\"ErrorInfo___3rbAr\",n\\t\"HeaderRow\": \"HeaderRow___1yCa9\",n\\t\"ErrorHeader\":
\"ErrorHeader___Ck9BV\",n\\t\"TimeoutHeader\": \"TimeoutHeader___2_O9L\",n\\t\"ErrorStack\":
\"ErrorStack___xWW5M\",n\\t\"TimeoutStack\": \"TimeoutStack___31pZb\",n\\t\"LoadingIcon\":
\"LoadingIcon___2Ox_q\",n\\t\"ReportIcon\": \"ReportIcon___163qD\",n\\t\"ReportLink\":
\"ReportLink___1RRG6\",n\\t\"FacebookOnly\": \"FacebookOnly___1Q5yi\",n\\t\"ReproSteps\":
\"ReproSteps___21X2x\",n\\t\"UpdateExistingIssuePrompt\":
\"UpdateExistingIssuePrompt___1AP89\",n\\t\"CloseButton\": \"CloseButton___19JNk\",n\\t\"CloseButtonIcon\":
\"CloseButtonIcon___Fp6qN\",n};,\"exports = module.exports = require(\"../../../../../node_modules/css-
loader/lib/css-base.js\")(false);n// imports\\n\\n// module\\nexports.push([module.id, \".Icon___2CecY {\\n width:
1rem;\\n height: 1rem;\\n fill: currentColor;\\n}\\n\", \"\");n// exports\\nexports.locals = {\\n\\t\"Icon\":
\"Icon___2CecY\",n};,\"exports = module.exports = require(\"../../../../../node_modules/css-loader/lib/css-
base.js\")(false);n// imports\\n\\n// module\\nexports.push([module.id, \".Wrapper___15kcB {\\n height:
100%;\\n}\\n\", \"\");n// exports\\nexports.locals = {\\n\\t\"Wrapper\": \"Wrapper___15kcB\",n};,\"exports =
module.exports = require(\"../../../../../node_modules/css-loader/lib/css-base.js\")(false);n// imports\\n\\n//
module\\nexports.push([module.id, \".Background___39iOi {\\n position: absolute;\\n width: 100%;\\n height:
100%;\\n display: flex;\\n flex-direction: row;\\n align-items: flex-start;\\n justify-content: center;\\n padding:

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1rem;\n background-color: var(--color-modal-background);\n overflow: auto;\n}\n\n.Dialog___2XI77 {\n
position: relative;\n z-index: 3;\n margin: 0 0.25rem;\n width: 25rem;\n min-width: 20rem;\n max-width:
100%;\n display: inline-block;\n background-color: var(--color-background);\n box-shadow: 0 2px 4px var(--
color-shadow);\n padding: 0.5rem;\n border: 1px solid var(--color-border);\n border-radius: 0.25rem;\n font-
size: var(--font-size-sans-normal);\n}\n\n.Title___1FtK3 {\n font-size: var(--font-size-sans-large);\n margin-
bottom: 0.5rem;\n}\n\n.Buttons___3N6w8 {\n text-align: right;\n margin-top:
0.5rem;\n}\n\n.Button___3JNc2 {\n font-size: var(--font-size-sans-large);\n}\n\n", \n\n");\n\n//
exports\nexports.locals = {\n\t"Background": "Background___39iOi",\n\t"Dialog":
\n\t"Dialog___2XI77",\n\t"Title": "Title___1FtK3",\n\t"Buttons": "Buttons___3N6w8",\n\t"Button":
\n\t"Button___3JNc2"\n};\n\n", "exports = module.exports = require("../..../node_modules/css-loader/lib/css-
base.js")(false);\n\n// imports\n\n\n// module\nexports.push([module.id, ".ContextMenu___3Zn8W {\n position:
absolute;\n background-color: var(--color-context-background);\n box-shadow: 1px 1px 2px var(--color-
shadow);\n border-radius: 0.25rem;\n overflow: hidden;\n z-index: 1000002;\n user-select: none;\n}\n",
\n\n");\n\n// exports\nexports.locals = {\n\t"ContextMenu": "ContextMenu___3Zn8W"\n};\n\n", "exports =
module.exports = require("../..../node_modules/css-loader/lib/css-base.js")(false);\n\n// imports\n\n\n//
module\nexports.push([module.id, ".ContextMenuItem___21C_r {\n display: flex;\n align-items: center;\n
color: var(--color-context-text);\n padding: 0.5rem 0.75rem;\n cursor: default;\n border-top: 1px solid var(--
color-context-border);\n font-family: var(--font-family-sans);\n font-size: var(--font-size-sans-
normal);\n}\n\n.ContextMenuItem___21C_r:first-of-type {\n border-top:
none;\n}\n\n.ContextMenuItem___21C_r:hover,\n\n.ContextMenuItem___21C_r:focus {\n outline: 0;\n
background-color: var(--color-context-background-hover);\n}\n\n.ContextMenuItem___21C_r:active {\n
background-color: var(--color-context-background-selected);\n color: var(--color-context-text-selected);\n}\n",
\n\n");\n\n// exports\nexports.locals = {\n\t"ContextMenuItem": "ContextMenuItem___21C_r"\n};\n\n", "exports =
module.exports = require("../..../node_modules/css-loader/lib/css-base.js")(false);\n\n// imports\n\n\n//
module\nexports.push([module.id, ".HocBadges___3V-9f {\n padding: 0.125rem 0.25rem;\n user-select:
none;\n}\n\n\n.Badge___yfw97 {\n display: inline-block;\n background-color: var(--color-component-badg-
e-background);\n color: var(--color-text);\n padding: 0.125rem 0.25rem;\n line-height: normal;\n border-radius:
0.125rem;\n margin-right: 0.25rem;\n font-family: var(--font-family-monospace);\n font-size: var(--font-size-
monospace-small);\n}\n\n", \n\n");\n\n// exports\nexports.locals = {\n\t"HocBadges": "HocBadges___3V-
9f",\n\t"Badge": "Badge___yfw97"\n};\n\n", "exports = module.exports = require("../..../node_modules/css-
loader/lib/css-base.js")(false);\n\n// imports\n\n\n// module\nexports.push([module.id, ".Input___2Lqoc {\n min-
width: 0.5rem;\n flex: 1 1 auto;\n border: none;\n background: transparent;\n outline: none;\n padding: 0;\n
border: none;\n font-family: var(--font-family-monospace);\n font-size: var(--font-size-monospace-
normal);\n}\n\n\n.Input___2Lqoc:focus {\n border-color: var(--color-border);\n}\n\n", \n\n");\n\n//
exports\nexports.locals = {\n\t"Input": "Input___2Lqoc"\n};\n\n", "exports = module.exports =
require("../..../node_modules/css-loader/lib/css-base.js")(false);\n\n// imports\n\n\n// module\nexports.push([module.id, ".Input___2v7pX {\n flex: 0 1 auto;\n box-shadow: 0px 1px 3px
transparent;\n color: var(--color-text);\n}\n\n\n.Input___2v7pX:focus {\n color: var(--color-text);\n box-shadow:
0px 1px 3px var(--color-shadow);\n}\n\n", \n\n");\n\n// exports\nexports.locals = {\n\t"Input":
\n\t"Input___2v7pX"\n};\n\n", "exports = module.exports = require("../..../node_modules/css-loader/lib/css-
base.js")(false);\n\n// imports\n\n\n// module\nexports.push([module.id, ".Checkbox___S8zDe {\n flex: 0 0 auto;\n
align-self: center;\n margin: 0 0.25rem;\n}\n\n\n\n.Input___54okB {\n flex: 1 1;\n background: none;\n border:
1px solid transparent;\n color: var(--color-attribute-editable-value);\n border-radius: 0.125rem;\n font-family:
var(--font-family-monospace);\n font-size: var(--font-size-monospace-normal);\n}\n\n\n\n\n.Invalid___AR4Hd {\n
flex: 1 1;\n background: none;\n border: 1px solid transparent;\n color: var(--color-attribute-editable-value);\n
border-radius: 0.125rem;\n font-family: var(--font-family-monospace);\n font-size: var(--font-size-monospace-
normal);\n background-color: var(--color-background-invalid);\n color: var(--color-text-invalid);\n\n\n\n --color-
border: var(--color-text-invalid);\n}\n\n\n\n\n.Input___54okB:focus,\n\n.Invalid___AR4Hd:focus {\n background-color:

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var(--color-button-background-focus);\n outline: none;\n}\n\nResetButton___k3gXk {\n flex: 0 0 auto;\n
padding: 0 0.5rem;\n}\n\n\"});\n\n// exports\nexports.locals = {\n\t\"Checkbox\":
\n\"Checkbox___S8zDe\", \n\t\"Input\": \"Input___54okB\", \n\t\"Invalid\": \"Invalid___AR4Hd\", \n\t\"ResetButton\":
\n\"ResetButton___k3gXk\";\n};\n\n\"exports = module.exports = require(\"../../../../../node_modules/css-loader/lib/css-
base.js\")(false);\n\n// imports\n\n// module\nexports.push([module.id, \".NewArrayValue___3rHoU {\n white-
space: nowrap;\n display: flex;\n align-items: center;\n}\n\n\nEditableName___3OJ36 {\n margin-left:
1rem;\n}\n\n\nInvalid___1sVw9 {\n background-color: var(--color-background-invalid);\n color: var(--color-
text-invalid) !important;\n}\n\n\nInput___1SYGr:focus, \n\nInvalid___1sVw9:focus {\n background-color: var(--
color-button-background-focus);\n}\n\n\", \"\");\n\n// exports\nexports.locals = {\n\t\"NewArrayValue\":
\n\"NewArrayValue___3rHoU\", \n\t\"EditableName\": \"EditableName___3OJ36\", \n\t\"Invalid\":
\n\"Invalid___1sVw9\", \n\t\"Input\": \"Input___1SYGr\";\n};\n\n\"exports = module.exports =
require(\"../../../../../node_modules/css-loader/lib/css-base.js\")(false);\n\n// imports\n\n//
module\nexports.push([module.id, \".NewKeyValue___34r7B {\n white-space: nowrap;\n display: flex;\n align-
items: center;\n}\n\n\nEditableName___2W--L {\n margin-left: 1rem;\n}\n\n\nEditableValue___16QOK {\n
min-width: 1rem;\n}\n\n\n\", \"\");\n\n// exports\nexports.locals = {\n\t\"NewKeyValue\":
\n\"NewKeyValue___34r7B\", \n\t\"EditableName\": \"EditableName___2W--L\", \n\t\"EditableValue\":
\n\"EditableValue___16QOK\";\n};\n\n\"exports = module.exports = require(\"../../../../../node_modules/css-
loader/lib/css-base.js\")(false);\n\n// imports\n\n// module\nexports.push([module.id,
\n\".ExpandCollapseToggle___1eSq5 {\n flex: 0 0 1rem;\n width: 1rem;\n height: 1rem;\n padding: 0;\n color:
var(--color-expand-collapse-toggle);\n}\n\n\n\", \"\");\n\n// exports\nexports.locals = {\n\t\"ExpandCollapseToggle\":
\n\"ExpandCollapseToggle___1eSq5\";\n};\n\n\"exports = module.exports = require(\"../../../../../node_modules/css-
loader/lib/css-base.js\")(false);\n\n// imports\n\n// module\nexports.push([module.id, \".Item___2n2qv:not([hidden])
{\n display: flex;\n}\n\n\nDisabledItem___SbUmS {\n opacity: 0.5;\n}\n\n\nName___3LSJX {\n color: var(--
color-attribute-name-not-editable);\n flex: 0 0 auto;\n cursor: default;\n}\n\n\nEditableName___2TyRo {\n
color: var(--color-attribute-name);\n flex: 0 0 auto;\n cursor: default;\n}\n\n\nAfterName___1HIGw {\n color:
var(--color-text);\n margin-right: 0.5rem;\n}\n\n\nValue___7p123 {\n color: var(--color-attribute-value);\n
white-space: pre;\n overflow: hidden;\n text-overflow: ellipsis;\n cursor: default;\n flex:
1;\n}\n\n\nLink___35OsV {\n color: var(--color-link);\n white-space: pre;\n overflow: hidden;\n text-
overflow: ellipsis;\n flex: 1;\n}\n\n\nNone___RYyex {\n color: var(--color-dimmer);\n font-style:
italic;\n}\n\n\nExpandCollapseToggleSpacer___3KNWO {\n flex: 0 0 1rem;\n width:
1rem;\n}\n\n\nEmpty___1MaDj {\n color: var(--color-dimmer);\n}\n\n\nDeleteArrayItemButton___1R-pd {\n
padding: 0;\n margin-right: 0.125rem;\n}\n\n\nHookName___1ZjVf {\n color: var(--color-component-
name);\n}\n\n\n\", \"\");\n\n// exports\nexports.locals = {\n\t\"Item\": \"Item___2n2qv\", \n\t\"DisabledItem\":
\n\"DisabledItem___SbUmS\", \n\t\"Name\": \"Name___3LSJX\", \n\t\"EditableName\":
\n\"EditableName___2TyRo\", \n\t\"AfterName\": \"AfterName___1HIGw\", \n\t\"Value\":
\n\"Value___7p123\", \n\t\"Link\": \"Link___35OsV\", \n\t\"None\":
\n\"None___RYyex\", \n\t\"ExpandCollapseToggleSpacer\":
\n\"ExpandCollapseToggleSpacer___3KNWO\", \n\t\"Empty\": \"Empty___1MaDj\", \n\t\"DeleteArrayItemButton\":
\n\"DeleteArrayItemButton___1R-pd\", \n\t\"HookName\": \"HookName___1ZjVf\";\n};\n\n\"exports = module.exports =
require(\"../../../../../node_modules/css-loader/lib/css-base.js\")(false);\n\n// imports\n\n//
module\nexports.push([module.id, \".InspectedElementTree___2_4hD {\n padding: 0.25rem;\n border-top: 1px
solid var(--color-border);\n}\n\n\nInspectedElementTree___2_4hD:first-of-type {\n border-top:
none;\n}\n\n\nHeaderRow___3I5kU {\n display: flex;\n align-items: center;\n}\n\n\nHeader___2LZLy {\n
display: flex;\n align-items: center;\n flex: 1 1;\n font-family: var(--font-family-sans);\n}\n\n\nItem___3t7sh
{\n display: flex;\n}\n\n\nName___6619F {\n color: var(--color-attribute-name);\n flex: 0 0
auto;\n}\n\n\nName___6619F:after {\n content: ':';\n color: var(--color-text);\n margin-right:
0.5rem;\n}\n\n\nValue___na2y1 {\n color: var(--color-attribute-value);\n overflow: hidden;\n text-overflow:
ellipsis;\n}\n\n\nNone___1ezJC {\n color: var(--color-dimmer);\n font-style: italic;\n}\n\n\nEmpty___2hAqe

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{\n color: var(--color-dimmer);\n font-style: italic;\n padding-left:
0.75rem;\n}\n\n.ToggleSuspenseRow__3Abo4 {\n padding-left: 1rem;\n white-space: nowrap;\n display:
flex;\n align-items: center;\n}\n\n.EditableValue__2B5lx {\n min-width: 1rem;\n}\n\n"};\n\n//
exports\nexports.locals = {\n\t"InspectedElementTree": "InspectedElementTree__2_4hD",\n\t"HeaderRow":
"HeaderRow__315kU",\n\t"Header": "Header__2LZLy",\n\t"Item": "Item__3t7sh",\n\t"Name":
"Name__6619F",\n\t"Value": "Value__na2yI",\n\t"None": "None__1ezJC",\n\t"Empty":
"Empty__2hAqe",\n\t"ToggleSuspenseRow": "ToggleSuspenseRow__3Abo4",\n\t"EditableValue":
"EditableValue__2B5lx"\n};","exports = module.exports = require("../././././././node_modules/css-loader/lib/css-
base.js")(false);\n\n imports\n\n// module\nexports.push([module.id, ".ErrorTree__OauA_,
.WarningTree__2O5xr {\n padding: 0.25rem 0 0 0;\n}\n\n\n.HeaderRow__2Y3QM {\n padding: 0
0.25rem;\n}\n\n\n.HeaderRow__2Y3QM {\n padding: 0 0.25rem;\n}\n\n\n.Error__CORL1, .Warning__zqCFY
{\n padding: 0 0.5rem;\n display: flex;\n align-items: center;\n}\n\n\n.Error__CORL1 {\n border-top: 1px
solid var(--color-console-error-border);\n background-color: var(--color-console-error-background);\n color: var(-
-color-error-text);\n padding: 0 0.5rem;\n}\n\n\n.Warning__zqCFY {\n border-top: 1px solid var(--color-
console-warning-border);\n background-color: var(--color-console-warning-background);\n color: var(--color-
warning-text);\n padding: 0 0.5rem;\n}\n\n\n.Message__Ky3DI {\n overflow-x: hidden;\n text-overflow:
ellipsis;\n white-space: nowrap;\n}\n\n\n.ErrorBadge__MKpI8,\n\n.WarningBadge__22U6H {\n display: inline-
block;\n width: 0.75rem;\n height: 0.75rem;\n flex: 0 0 0.75rem;\n line-height: 0.75rem;\n text-align:
center;\n border-radius: 0.25rem;\n margin-right: 0.25rem;\n font-size: var(--font-size-monospace-
small);\n}\n\n\n.ErrorBadge__MKpI8 {\n background-color: var(--color-console-error-icon);\n color: var(--
color-console-error-badge-text);\n}\n\n\n.WarningBadge__22U6H {\n background-color: var(--color-console-
warning-icon);\n color: var(--color-console-warning-badge-text);\n}\n\n\n"};\n\n// exports\nexports.locals =
{\n\t"ErrorTree": "ErrorTree__OauA_",\n\t"WarningTree": "WarningTree__2O5xr",\n\t"HeaderRow":
"HeaderRow__2Y3QM",\n\t"Error": "Error__CORL1",\n\t"Warning":
"Warning__zqCFY",\n\t"Message": "Message__Ky3DI",\n\t"ErrorBadge":
"ErrorBadge__MKpI8",\n\t"WarningBadge": "WarningBadge__22U6H"\n};","exports = module.exports =
require("../././././././node_modules/css-loader/lib/css-base.js")(false);\n\n imports\n\n//
module\nexports.push([module.id, ".HooksTreeView__3YmZw {\n padding: 0.25rem;\n border-top: 1px solid
var(--color-border);\n}\n\n\n.Hook__SbvM_ {\n}\n\n\n.Children__1f8xt {\n padding-left:
1rem;\n}\n\n\n.HeaderRow__37mMe {\n display: flex;\n align-items: center;\n}\n\n\n.Header__9n-jL {\n
flex: 1 1;\n font-family: var(--font-family-sans);\n}\n\n\n.NameValueRow__1dbuI {\n display:
flex;\n}\n\n\n\n.Name__3oYR1,\n\n.NameAnonymous__W-cy2 {\n flex: 0 0 auto;\n cursor:
default;\n}\n\n\n.Name__3oYR1 {\n color: var(--color-dim);\n}\n\n\n.NameAnonymous__W-cy2 {\n color: var(--
color-dimmer);\n}\n\n\n.EditableName__1m4Hy {\n color: var(--color-attribute-name);\n flex: 0 0 auto;\n
cursor: default;\n}\n\n\n.EditableName__1m4Hy:after,\n\n.Name__3oYR1:after {\n color: var(--color-text);\n
content: ' '; \n margin-right: 0.5rem;\n}\n\n\n\n.Value__3tDyC {\n color: var(--color-attribute-value);\n overflow:
hidden;\n text-overflow: ellipsis;\n cursor: default;\n white-space: nowrap;\n}\n\n\n\n.None__dHntG {\n color:
var(--color-dimmer);\n font-style: italic;\n}\n\n\n\n.TruncationIndicator__fImBc {\n color: var(--color-
dimmer);\n}\n\n\n\n.ExpandCollapseToggleSpacer__2RAvX {\n flex: 0 0 1rem;\n width:
1rem;\n}\n\n\n\n.PrimitiveHookNumber__1ZHtG {\n background-color: var(--color-primitive-hook-badge-
background);\n color: var(--color-primitive-hook-badge-text);\n font-size: var(--font-size-monospace-small);\n
margin-right: 0.25rem;\n border-radius: 0.125rem;\n padding: 0.125rem 0.25rem;\n}\n\n\n\n.HookName__3Pr8I
{\n color: var(--color-component-name);\n}\n\n\n\n.ToggleError__2AMCP {\n color: var(--color-error-
text);\n}\n\n\n"};\n\n// exports\nexports.locals = {\n\t"HooksTreeView":
"HooksTreeView__3YmZw",\n\t"Hook": "Hook__SbvM_",\n\t"Children":
"Children__1f8xt",\n\t"HeaderRow": "HeaderRow__37mMe",\n\t"Header": "Header__9n-
jL",\n\t"NameValueRow": "NameValueRow__1dbuI",\n\t"Name":
"Name__3oYR1",\n\t"NameAnonymous": "NameAnonymous__W-cy2",\n\t"EditableName":

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\EditableName___1m4Hy\",n\t\"Value\": \"Value___3tDyC\",n\t\"None\":
\None___dHntG\",n\t\"TruncationIndicator\":
\TruncationIndicator___fImBc\",n\t\"ExpandCollapseToggleSpacer\":
\ExpandCollapseToggleSpacer___2RAvX\",n\t\"PrimitiveHookNumber\":
\PrimitiveHookNumber___1ZHtG\",n\t\"HookName\": \"HookName___3Pr8I\",n\t\"ToggleError\":
\ToggleError___2AMCP\"n};\",exports = module.exports = require(\"../../../../../node_modules/css-
loader/lib/css-base.js\")(false);n// imports\n\n// module\nexports.push([module.id, \".Source___DuiDm {\n\n
color: var(--color-dim);\n\n margin-left: 1rem;\n\n overflow: auto;\n\n text-overflow: ellipsis;\n\n}\", \"\"]);n\n//
exports\nexports.locals = {\n\t\"Source\": \"Source___DuiDm\"n};\",exports = module.exports =
require(\"../../../../../node_modules/css-loader/lib/css-base.js\")(false);n// imports\n\n//
module\nexports.push([module.id, \".LayoutViewer___215Ad {\n\n padding: 0.25rem;\n\n border-top: 1px solid
var(--color-border);\n\n font-family: var(--font-family-monospace);\n\n font-size: var(--font-size-monospace-
small);\n\n}\n\n.Header___YXSRg {\n\n font-family: var(--font-family-
sans);\n\n}\n\n.DashedBox___i8dxS,\n\n.SolidBox___1W-UG {\n\n flex: 1 1 auto;\n\n display: flex;\n\n flex-direction:
column;\n\n align-items: center;\n\n border-width: 1px;\n\n border-color: var(--color-dim);\n\n padding: 0.25rem;\n\n
margin: 0.25rem;\n\n}\n\n.DashedBox___i8dxS {\n\n border-style: dashed;\n\n}\n\n.SolidBox___1W-UG {\n\n border-
style: solid;\n\n}\n\n.LabelRow___2SQOh {\n\n width: 100%;\n\n position: relative;\n\n display: flex;\n\n align-items:
center;\n\n justify-content: center;\n\n}\n\n.Label___IskVY {\n\n position: absolute;\n\n left: 0.5rem;\n\n flex: 1 0
100px;\n\n color: var(--color-attribute-name);\n\n}\n\n.BoxRow___2_1as {\n\n width: 100%;\n\n display: flex;\n\n
flex-direction: row;\n\n align-items: center;\n\n}\n\n\"\", \"\"]);n\n// exports\nexports.locals = {\n\t\"LayoutViewer\":
\"LayoutViewer___215Ad\",n\t\"Header\": \"Header___YXSRg\",n\t\"DashedBox\":
\"DashedBox___i8dxS\",n\t\"SolidBox\": \"SolidBox___1W-UG\",n\t\"LabelRow\":
\"LabelRow___2SQOh\",n\t\"Label\": \"Label___IskVY\",n\t\"BoxRow\": \"BoxRow___2_1as\"n};\",exports =
module.exports = require(\"../../../../../node_modules/css-loader/lib/css-base.js\")(false);n// imports\n\n//
module\nexports.push([module.id, \".StyleEditor___1RvzE {\n\n font-family: var(--font-family-monospace);\n\n
font-size: var(--font-size-monospace-normal);\n\n padding: 0.25rem;\n\n border-top: 1px solid var(--color-
border);\n\n}\n\n.HeaderRow___xyA6t {\n\n display: flex;\n\n align-items: center;\n\n}\n\n.Header___2SGfE {\n\n
flex: 1 1;\n\n}\n\n.Brackets___2zA4K {\n\n font-family: var(--font-family-sans);\n\n font-size: var(--font-size-sans-
small);\n\n}\n\n.Row___3v8mp {\n\n white-space: nowrap;\n\n padding-left: 1rem;\n\n display: flex;\n\n align-items:
center;\n\n}\n\n.Invalid___3ogBH {\n\n background-color: var(--color-background-invalid);\n\n color: var(--color-
text-invalid);\n\n}\n\n --color-border: var(--color-text-invalid);\n\n}\n\n.Attribute___2yC0c {\n\n color: var(--color-
attribute-name);\n\n}\n\n.n.Value___1yJUg {\n\n color: var(--color-attribute-value);\n\n}\n\n.n.Input___3Zdnf {\n\n
flex: 0 1 auto;\n\n padding: 1px;\n\n box-shadow: 0px 1px 3px transparent;\n\n}\n\n.Input___3Zdnf:focus {\n\n color:
var(--color-text);\n\n box-shadow: 0px 1px 3px var(--color-shadow);\n\n}\n\n.n.Empty___3Pi3w {\n\n color: var(--
color-dimmer);\n\n font-style: italic;\n\n user-select: none;\n\n padding-left: 1rem;\n\n}\n\n\"\", \"\"]);n\n//
exports\nexports.locals = {\n\t\"StyleEditor\": \"StyleEditor___1RvzE\",n\t\"HeaderRow\":
\"HeaderRow___xyA6t\",n\t\"Header\": \"Header___2SGfE\",n\t\"Brackets\": \"Brackets___2zA4K\",n\t\"Row\":
\"Row___3v8mp\",n\t\"Invalid\": \"Invalid___3ogBH\",n\t\"Attribute\": \"Attribute___2yC0c\",n\t\"Value\":
\"Value___1yJUg\",n\t\"Input\": \"Input___3Zdnf\",n\t\"Empty\": \"Empty___3Pi3w\"n};\",exports =
module.exports = require(\"../../../../../node_modules/css-loader/lib/css-base.js\")(false);n// imports\n\n//
module\nexports.push([module.id, \".Owners___13tPI {\n\n padding: 0.25rem;\n\n border-top: 1px solid var(--color-
border);\n\n}\n\n.OwnersHeader___3Yv3d {\n\n font-family: var(--font-family-sans);\n\n}\n\n.n.Source___5R8o
{\n\n padding: 0.25rem;\n\n border-top: 1px solid var(--color-border);\n\n}\n\n.n.SourceHeaderRow___2mf8O {\n\n
display: flex;\n\n align-items: center;\n\n}\n\n.n.SourceHeader___3eTnC {\n\n flex: 1 1;\n\n font-family: var(--font-
family-sans);\n\n}\n\n.n.SourceOneLiner___1CmzZ {\n\n font-family: var(--font-family-monospace);\n\n font-size:
var(--font-size-monospace-normal);\n\n white-space: nowrap;\n\n overflow: hidden;\n\n text-overflow: ellipsis;\n\n
max-width: 100%;\n\n margin-left: 1rem;\n\n}\n\n.n.Owner___3pCT- {\n\n color: var(--color-component-name);\n\n
font-family: var(--font-family-monospace);\n\n font-size: var(--font-size-monospace-normal);\n\n white-space:

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100%;\\n padding-left: 0.5rem;\\n display: flex;\\n align-items: center;\\n justify-content: center;\\n font-size:
var(--font-size-sans-large);\\n color: var(--color-dim);\\n border-left: 1px solid var(--color-border);\\n}\\n}\\n",
\\"\\n");\\n\\n// exports\\nexports.locals = {\\n\\t\\"Components\\": \\"Components___MIQHS\\",\\n\\t\\"TreeWrapper\\":
\\"TreeWrapper___2uPTC\\",\\n\\t\\"InspectedElementWrapper\\": \\"InspectedElementWrapper___Ay-
WL\\",\\n\\t\\"ResizeBarWrapper\\": \\"ResizeBarWrapper___2jVIZ\\",\\n\\t\\"ResizeBar\\":
\\"ResizeBar___1o6VK\\",\\n\\t\\"Loading\\": \\"Loading___Slif-\\n\\",\\"exports = module.exports =
require(\\"../../../../../node_modules/css-loader/lib/css-base.js\\")(false);\\n// imports\\n\\n//
module\\nexports.push([module.id, \\".NoCommitData___2oJ_z {\\n width: 100%;\\n height: 100%;\\n display:
flex;\\n flex-direction: column;\\n align-items: center;\\n justify-content: center;\\n}\\n}\\n.Header___1oGeD {\\n
font-size: var(--font-size-sans-large);\\n margin-bottom: 0.5rem;\\n}\\n}\\n.FilterMessage___1Yg5n {\\n display:
flex;\\n align-items: center;\\n}\\n}\\n",\\"\\n");\\n\\n// exports\\nexports.locals = {\\n\\t\\"NoCommitData\\":
\\"NoCommitData___2oJ_z\\",\\n\\t\\"Header\\": \\"Header___1oGeD\\",\\n\\t\\"FilterMessage\\":
\\"FilterMessage___1Yg5n\\n\\n";\\"exports = module.exports = require(\\"../../../../../node_modules/css-
loader/lib/css-base.js\\")(false);\\n// imports\\n\\n\\n// module\\nexports.push([module.id, \\".Group___2hArG {\\n
transition: all ease-in-out 250ms;\\n}\\n}\\n\\n.Rect___fBfs_ {\\n cursor: pointer;\\n stroke: var(--color-background);\\n
transition: all ease-in-out 250ms;\\n}\\n}\\n\\n.ForeignObject___2EdVc {\\n pointer-events: none;\\n transition: all
ease-in-out 250ms;\\n}\\n}\\n\\n.Div___1Pgrm {\\n pointer-events: none;\\n white-space: nowrap;\\n text-overflow:
ellipsis;\\n overflow: hidden;\\n font-family: var(--font-family-sans);\\n font-size: var(--font-size-sans-normal);\\n
margin-left: 0.25rem;\\n margin-right: 0.25rem;\\n line-height: 1.5;\\n padding: 0 0 0;\\n font-weight: 400;\\n
color: var(--color-commit-gradient-text);\\n text-align: left;\\n transition: all ease-in-out 250ms;\\n}\\n}\\n",
\\"\\n");\\n\\n// exports\\nexports.locals = {\\n\\t\\"Group\\": \\"Group___2hArG\\",\\n\\t\\"Rect\\":
\\"Rect___fBfs_\\",\\n\\t\\"ForeignObject\\": \\"ForeignObject___2EdVc\\",\\n\\t\\"Div\\": \\"Div___1Pgrm\\n\\n";\\"exports =
module.exports = require(\\"../../../../../node_modules/css-loader/lib/css-base.js\\")(false);\\n// imports\\n\\n\\n//
module\\nexports.push([module.id, \\".Component___3ci_S {\\n margin-bottom: 0.5rem;\\n}\\n}\\n\\n.Item___2hxYk
{\\n margin-top: 0.25rem;\\n}\\n}\\n\\n.Key___1tUd1 {\\n font-family: var(--font-family-monospace);\\n font-size:
var(--font-size-monospace-small);\\n line-height: 1;\\n}\\n}\\n\\n.Key___1tUd1:first-of-type::before {\\n content: '
(\\n;\\n}\\n}\\n\\n.Key___1tUd1::after {\\n content: ',\\n;\\n}\\n}\\n\\n.Key___1tUd1:last-of-type::after {\\n content:
');\\n}\\n}\\n\\n.Label___2zyeV {\\n font-weight: bold;\\n}\\n}\\n}\\n",\\"\\n");\\n\\n// exports\\nexports.locals =
{\\n\\t\\"Component\\": \\"Component___3ci_S\\",\\n\\t\\"Item\\": \\"Item___2hxYk\\",\\n\\t\\"Key\\":
\\"Key___1tUd1\\",\\n\\t\\"Label\\": \\"Label___2zyeV\\n\\n";\\"exports = module.exports =
require(\\"../../../../../node_modules/css-loader/lib/css-base.js\\")(false);\\n// imports\\n\\n\\n//
module\\nexports.push([module.id, \\".Toolbar___3u3I_ {\\n padding: 0.25rem 0;\\n margin-bottom: 0.25rem;\\n
flex: 0 0 auto;\\n display: flex;\\n align-items: center;\\n border-bottom: 1px solid var(--color-
border);\\n}\\n}\\n\\n.Content___3i3NJ {\\n user-select: none;\\n overflow-y: auto;\\n}\\n}\\n\\n.Component___Y5kFG
{\\n flex: 1;\\n font-weight: bold;\\n font-family: var(--font-family-monospace);\\n font-size: var(--font-size-
monospace-normal);\\n white-space: nowrap;\\n overflow-x: hidden;\\n text-overflow:
ellipsis;\\n}\\n}\\n\\n.Label___3g1xf {\\n font-weight: bold;\\n}\\n}\\n\\n.CurrentCommit___21fVV {\\n margin: 0.25rem
0;\\n display: block;\\n width: 100%;\\n text-align: left;\\n background: none;\\n border: none;\\n}\\n}\\n",
\\"\\n");\\n\\n// exports\\nexports.locals = {\\n\\t\\"Toolbar\\": \\"Toolbar___3u3I_\\",\\n\\t\\"Content\\":
\\"Content___3i3NJ\\",\\n\\t\\"Component\\": \\"Component___Y5kFG\\",\\n\\t\\"Label\\":
\\"Label___3g1xf\\",\\n\\t\\"CurrentCommit\\": \\"CurrentCommit___21fVV\\n\\n";\\"exports = module.exports =
require(\\"../../../../../node_modules/css-loader/lib/css-base.js\\")(false);\\n// imports\\n\\n\\n//
module\\nexports.push([module.id, \\".Tooltip___NP68S {\\n position: absolute;\\n pointer-events: none;\\n border:
none;\\n border-radius: 0.25rem;\\n padding: 0.25rem 0.5rem;\\n font-family: var(--font-family-sans);\\n font-size:
12px;\\n background-color: var(--color-tooltip-background);\\n color: var(--color-tooltip-text);\\n opacity: 1;\\n
white-space: nowrap;\\n /* Make sure this is above the DevTools, which are above the Overlay */\\n z-index:
10000002;\\n}\\n}\\n\\n.Tooltip___NP68S.hidden___3rGbV {\\n opacity: 0;\\n}\\n}\\n\\n\\n.Container___3aJAm {\\n
width: -moz-max-content;\\n width: -webkit-max-content;\\n}\\n}\\n}\\n",\\"\\n");\\n\\n// exports\\nexports.locals =

```



```

\"FlamechartStackFrameName___15Syk\",\\n\\t\"ComponentName\":
\"ComponentName___M_PGg\",\\n\\t\"ReactMeasureLabel\":
\"ReactMeasureLabel___rpyRN\",\\n\\t\"UserTimingLabel\":
\"UserTimingLabel___1Fpxr\",\\n\\t\"NativeEventName\": \"NativeEventName___HXtAH\",\\n\\t\"InfoText\":
\"InfoText___1A4gs\",\\n\\t\"WarningText\": \"WarningText___cf11Y\",\\n\\t\"Image\":
\"Image___3nrFz\",\\n\\t\"DimText\": \"DimText___asq74\"\\n};\", \"exports = module.exports =
require(\"../../node_modules/css-loader/lib/css-base.js\")(false);\\n// imports\\n\\n//
module\\nexports.push([module.id, \".CanvasPage___1bMJ5 {\\n position: absolute;\\n top: 0;\\n bottom: 0;\\n
left: 0;\\n right: 0;\\n}\\n\", \"\");\\n\\n// exports\\nexports.locals = {\\n\\t\"CanvasPage\":
\"CanvasPage___1bMJ5\"\\n};\", \"/*\\n * Copyright (c) 2014-present, Facebook, Inc.\\n *\\n * This source code is
licensed under the MIT license found in the\\n * LICENSE file in the root directory of this source tree.\\n */\\n\\nvar
runtime = (function (exports) {\\n \"use strict\";\\n\\n var Op = Object.prototype;\\n var hasOwn =
Op.hasOwnProperty;\\n var undefined; // More compressible than void 0.\\n var $Symbol = typeof Symbol ===
\"function\" ? Symbol : {};\\n var iteratorSymbol = $Symbol.iterator || \"@@iterator\";\\n var asyncIteratorSymbol =
$Symbol.asyncIterator || \"@@asyncIterator\";\\n var toStringTagSymbol = $Symbol.toStringTag ||
\"@@toStringTag\";\\n\\n function define(obj, key, value) {\\n Object.defineProperty(obj, key, {\\n value:
value,\\n enumerable: true,\\n configurable: true,\\n writable: true\\n });\\n return obj[key];\\n }\\n try {\\n
// IE 8 has a broken Object.defineProperty that only works on DOM objects.\\n define({}, \"\");\\n } catch (err) {\\n
define = function(obj, key, value) {\\n return obj[key] = value;\\n };\\n }\\n\\n function wrap(innerFn, outerFn,
self, tryLocsList) {\\n // If outerFn provided and outerFn.prototype is a Generator, then outerFn.prototype
instanceof Generator.\\n var protoGenerator = outerFn && outerFn.prototype instanceof Generator ? outerFn :
Generator;\\n var generator = Object.create(protoGenerator.prototype);\\n var context = new Context(tryLocsList
|| []);\\n\\n // The ._invoke method unifies the implementations of the .next,\\n // .throw, and .return methods.\\n
generator._invoke = makeInvokeMethod(innerFn, self, context);\\n\\n return generator;\\n }\\n exports.wrap =
wrap;\\n\\n // Try/catch helper to minimize deoptimizations. Returns a completion\\n // record like
context.tryEntries[i].completion. This interface could\\n // have been (and was previously) designed to take a closure
to be\\n // invoked without arguments, but in all the cases we care about we\\n // already have an existing method we
want to call, so there's no need\\n // to create a new function object. We can even get away with assuming\\n // the
method takes exactly one argument, since that happens to be true\\n // in every case, so we don't have to touch the
arguments object. The\\n // only additional allocation required is the completion record, which\\n // has a stable
shape and so hopefully should be cheap to allocate.\\n function tryCatch(fn, obj, arg) {\\n try {\\n return { type:
\"normal\", arg: fn.call(obj, arg) };\\n } catch (err) {\\n return { type: \"throw\", arg: err };\\n }\\n }\\n\\n var
GenStateSuspendedStart = \"suspendedStart\";\\n var GenStateSuspendedYield = \"suspendedYield\";\\n var
GenStateExecuting = \"executing\";\\n var GenStateCompleted = \"completed\";\\n\\n // Returning this object from
the innerFn has the same effect as\\n // breaking out of the dispatch switch statement.\\n var ContinueSentinel =
{};\\n\\n // Dummy constructor functions that we use as the .constructor and\\n // .constructor.prototype properties for
functions that return Generator\\n // objects. For full spec compliance, you may wish to configure your\\n // minifier
not to mangle the names of these two functions.\\n function Generator() {}\\n function GeneratorFunction() {}\\n
function GeneratorFunctionPrototype() {}\\n\\n // This is a polyfill for %IteratorPrototype% for environments that\\n
// don't natively support it.\\n var IteratorPrototype = {};\\n IteratorPrototype[iteratorSymbol] = function () {\\n
return this;\\n };\\n\\n var getProto = Object.getPrototypeOf;\\n var NativeIteratorPrototype = getProto &&
getProto(getProto(values([])));\\n if (NativeIteratorPrototype && NativeIteratorPrototype !== Op &&\\n
hasOwn.call(NativeIteratorPrototype, iteratorSymbol)) {\\n // This environment has a native %IteratorPrototype%;
use it instead\\n // of the polyfill.\\n IteratorPrototype = NativeIteratorPrototype;\\n }\\n\\n var Gp =
GeneratorFunctionPrototype.prototype =\\n Generator.prototype = Object.create(IteratorPrototype);\\n
GeneratorFunction.prototype = Gp.constructor = GeneratorFunctionPrototype;\\n
GeneratorFunctionPrototype.constructor = GeneratorFunction;\\n GeneratorFunction.displayName = define(\\n
GeneratorFunctionPrototype,\\n toStringTagSymbol,\\n \"GeneratorFunction\"\\n );\\n\\n // Helper for defining the

```

```

.next, .throw, and .return methods of the
 // Iterator interface in terms of a single ._invoke method.
 function
 defineIteratorMethods(prototype) {
   ["next", "throw", "return"].forEach(function(method) {
     define(prototype, method, function(arg) {
       return this._invoke(method, arg);
     });
   });
   exports.isGeneratorFunction = function(genFun) {
     var ctor = typeof genFun === "function" &&
     genFun.constructor;
     return ctor && ctor === GeneratorFunction ||
     // For the native GeneratorFunction
     constructor, the best we can
     // do is to check its .name property.
     (ctor.displayName || ctor.name) ===
     "GeneratorFunction"
     : false;
   };
   exports.mark = function(genFun) {
     if (Object.setPrototypeOf) {
       Object.setPrototypeOf(genFun, GeneratorFunctionPrototype);
     } else {
       genFun.__proto__ =
       GeneratorFunctionPrototype;
     }
     define(genFun, toStringTagSymbol, "GeneratorFunction");
   };
   genFun.prototype = Object.create(Gp);
   return genFun;
 };
 // Within the body of any async function, `await
 x` is transformed to
 // `yield regeneratorRuntime.awrap(x)`, so that the runtime can test
 // `hasOwn.call(value,
 "__await")` to determine if the yielded value is
 // meant to be awaited.
 exports.awrap = function(arg) {
   return { __await: arg };
 };
 function AsyncIterator(generator, PromiseImpl) {
   function invoke(method,
   arg, resolve, reject) {
     var record = tryCatch(generator[method], generator, arg);
     if (record.type ===
     "throw") {
       reject(record.arg);
     } else {
       var result = record.arg;
       var value = result.value;
       if (value &&
       typeof value === "object" &&
       hasOwn.call(value, "__await") {
         return
         PromiseImpl.resolve(value.__await).then(function(value) {
           invoke("next", value, resolve, reject);
         }, function(err) {
           invoke("throw", err, resolve, reject);
         });
       }
       return
       PromiseImpl.resolve(value).then(function(unwrapped) {
         // When a yielded Promise is resolved, its final
         value becomes
         // the .value of the Promise<{value,done}> result for the
         // current iteration.
         result.value = unwrapped;
         resolve(result);
       }, function(error) {
         // If a rejected Promise was
         yielded, throw the rejection back
         // into the async generator function so it can be handled there.
         return
         invoke("throw", error, resolve, reject);
       });
     }
   }
   var previousPromise;
   function
   enqueue(method, arg) {
     function callInvokeWithMethodAndArg() {
       return new
       PromiseImpl(function(resolve, reject) {
         invoke(method, arg, resolve, reject);
       });
     }
     return
     previousPromise =
     // If enqueue has been called before, then we want to wait until
     // all previous
     Promises have been resolved before calling invoke,
     // so that results are always delivered in the correct order.
     If
     // enqueue has not been called before, then it is important to
     // call invoke immediately, without
     waiting on a callback to fire,
     // so that the async generator function has the opportunity to do
     // any
     necessary setup in a predictable way. This predictability
     // is why the Promise constructor synchronously
     invokes its
     // executor callback, and why async functions synchronously
     // execute code before the first
     await. Since we implement simple
     // async functions in terms of async generators, it is especially
     //
     important to get this right, even though it requires care.
     previousPromise ? previousPromise.then(
     callInvokeWithMethodAndArg,
     // Avoid propagating failures to Promises returned by later
     //
     invocations of the iterator.
     callInvokeWithMethodAndArg
     ) : callInvokeWithMethodAndArg();
   }
   // Define the unified helper method that is used to implement .next,
   // .throw, and .return (see
   defineIteratorMethods).
   this._invoke = enqueue;
 }
 defineIteratorMethods(AsyncIterator.prototype);
 AsyncIterator.prototype[asyncIteratorSymbol] = function () {
   return this;
 };
 exports.AsyncIterator =
 AsyncIterator;
 // Note that simple async functions are implemented on top of
 // AsyncIterator objects; they
 just return a Promise for the value of
 // the final result produced by the iterator.
 exports.async =
 function(innerFn, outerFn, self, tryLocsList, PromiseImpl) {
   if (PromiseImpl === void 0) PromiseImpl =
   Promise;
   var iter = new AsyncIterator(
     wrap(innerFn, outerFn, self, tryLocsList),
     PromiseImpl
   );
   return exports.isGeneratorFunction(outerFn)
     ? iter // If outerFn is a generator, return the full iterator.
     : iter.next().then(function(result) {
       return result.done ? result.value : iter.next();
     });
 };
 function
 makeInvokeMethod(innerFn, self, context) {
   var state = GenStateSuspendedStart;
   return function
   invoke(method, arg) {
     if (state === GenStateExecuting) {
       throw new Error("Generator is already
       running");
     }
     if (state === GenStateCompleted) {
       if (method === "throw") {
         throw arg;
       }
     }
     // Be forgiving, per 25.3.3.3.3 of the spec:
     // https://people.mozilla.org/~jorendorff/es6-

```

```

draft.html#sec-generatorresume\n    return doneResult();\n    }\n\n    context.method = method;\n    context.arg
= arg;\n\n    while (true) {\n        var delegate = context.delegate;\n        if (delegate) {\n            var delegateResult =
maybeInvokeDelegate(delegate, context);\n            if (delegateResult) {\n                if (delegateResult ===
ContinueSentinel) continue;\n                return delegateResult;\n            }\n        }\n\n        if (context.method ===
\"next\") {\n            // Setting context._sent for legacy support of Babel's\n            // function.sent implementation.\n            context.sent = context._sent = context.arg;\n        } else if (context.method === \"throw\") {\n            if (state ===
GenStateSuspendedStart) {\n                state = GenStateCompleted;\n                throw context.arg;\n            }\n\n            context.dispatchException(context.arg);\n        } else if (context.method === \"return\") {\n            context.abrupt(\"return\", context.arg);\n        }\n\n        state = GenStateExecuting;\n\n        var record =
tryCatch(innerFn, self, context);\n        if (record.type === \"normal\") {\n            // If an exception is thrown from
innerFn, we leave state ===\n            // GenStateExecuting and loop back for another invocation.\n            state =
context.done\n            ? GenStateCompleted\n            : GenStateSuspendedYield;\n\n            if (record.arg ===
ContinueSentinel) {\n                continue;\n            }\n\n            return {\n                value: record.arg,\n                done:
context.done\n            };\n        } else if (record.type === \"throw\") {\n            state = GenStateCompleted;\n            //
Dispatch the exception by looping back around to the\n            // context.dispatchException(context.arg) call above.\n            context.method = \"throw\";\n            context.arg = record.arg;\n        }\n    }\n\n    // Call
delegate.iterator[context.method](context.arg) and handle the\n    // result, either by returning a { value, done } result
from the\n    // delegate iterator, or by modifying context.method and context.arg,\n    // setting context.delegate to null,
and returning the ContinueSentinel.\n    function maybeInvokeDelegate(delegate, context) {\n        var method =
delegate.iterator[context.method];\n        if (method === undefined) {\n            // A .throw or .return when the delegate
iterator has no .throw\n            // method always terminates the yield* loop.\n            context.delegate = null;\n\n            if
(context.method === \"throw\") {\n                // Note: [\"return\"] must be used for ES3 parsing compatibility.\n                if
(delegate.iterator[\"return\"])\n                    // If the delegate iterator has a return method, give it a\n                    // chance to
clean up.\n                    context.method = \"return\";\n                    context.arg = undefined;\n                maybeInvokeDelegate(delegate, context);\n                if (context.method === \"throw\")\n                    // If
maybeInvokeDelegate(context) changed context.method from\n                    // \"return\" to \"throw\", let that override the
TypeError below.\n                    return ContinueSentinel;\n            }\n\n            context.method = \"throw\";\n            context.arg = new TypeError(\n                \"The iterator does not provide a 'throw' method\");\n        }\n\n        return
ContinueSentinel;\n    }\n\n    var record = tryCatch(method, delegate.iterator, context.arg);\n    if (record.type ===
\"throw\") {\n        context.method = \"throw\";\n        context.arg = record.arg;\n        context.delegate = null;\n    }
return ContinueSentinel;\n    }\n\n    var info = record.arg;\n    if (! info) {\n        context.method = \"throw\";\n        context.arg = new TypeError(\"iterator result is not an object\");\n        context.delegate = null;\n        return
ContinueSentinel;\n    }\n\n    if (info.done) {\n        // Assign the result of the finished delegate to the temporary\n
// variable specified by delegate.resultName (see delegateYield).\n        context[delegate.resultName] =
info.value;\n\n        // Resume execution at the desired location (see delegateYield).\n        context.next =
delegate.nextLoc;\n\n        // If context.method was \"throw\" but the delegate handled the\n        // exception, let the
outer generator proceed normally. If\n        // context.method was \"next\", forget context.arg since it has been\n        //
\"consumed\" by the delegate iterator. If context.method was\n        // \"return\", allow the original .return call to
continue in the\n        // outer generator.\n        if (context.method !== \"return\") {\n            context.method = \"next\";\n            context.arg = undefined;\n        }\n    } else {\n        // Re-yield the result returned by the delegate method.\n        return info;\n    }\n\n    // The delegate iterator is finished, so forget it and continue with\n    // the outer generator.\n    context.delegate = null;\n    return ContinueSentinel;\n    }\n\n    // Define Generator.prototype.{next,throw,return} in
terms of the\n    // unified ._invoke helper method.\n    defineIteratorMethods(Gp);\n\n    define(Gp,
toStringTagSymbol, \"Generator\");\n\n    // A Generator should always return itself as the iterator object when the\n
// @@iterator function is called on it. Some browsers' implementations of the\n    // iterator prototype chain
incorrectly implement this, causing the Generator\n    // object to not be returned from this call. This ensures that
doesn't happen.\n    // See https://github.com/facebook/regenerator/issues/274 for more details.\n    Gp[iteratorSymbol]
= function() {\n        return this;\n    };\n\n    Gp.toString = function() {\n        return \"[object Generator]\";\n    };\n\n

```

```

function pushTryEntry(locs) {\n  var entry = { tryLoc: locs[0] }; \n  if (1 in locs) {\n    entry.catchLoc =
locs[1]; \n  } \n  if (2 in locs) {\n    entry.finallyLoc = locs[2]; \n    entry.afterLoc = locs[3]; \n  } \n
this.tryEntries.push(entry); \n } \n function resetTryEntry(entry) {\n  var record = entry.completion || { }; \n
record.type = \"normal\"; \n  delete record.arg; \n  entry.completion = record; \n } \n function
Context(tryLocsList) {\n  // The root entry object (effectively a try statement without a catch \n  // or a finally
block) gives us a place to store values thrown from \n  // locations where there is no enclosing try statement. \n
this.tryEntries = [{ tryLoc: \"root\" }]; \n  tryLocsList.forEach(pushTryEntry, this); \n  this.reset(true); \n } \n
exports.keys = function(object) {\n  var keys = []; \n  for (var key in object) {\n    keys.push(key); \n  } \n
keys.reverse(); \n  // Rather than returning an object with a next method, we keep \n  // things simple and return
the next function itself. \n  return function next() {\n    while (keys.length) {\n      var key = keys.pop(); \n
if (key in object) {\n        next.value = key; \n        next.done = false; \n        return next; \n      } \n
} \n  } \n  // To avoid creating an additional object, we just hang the .value \n  // and .done properties off the next function object
itself. This \n  // also ensures that the minifier will not anonymize the function. \n  next.done = true; \n  return
next; \n }; \n }; \n function values(iterable) {\n  if (iterable) {\n    var iteratorMethod =
iterable[iteratorSymbol]; \n    if (iteratorMethod) {\n      return iteratorMethod.call(iterable); \n    } \n    if
(typeof iterable.next === \"function\") {\n      return iterable; \n    } \n    if (!isNaN(iterable.length)) {\n      var i
= -1, next = function next() {\n        while (++i < iterable.length) {\n          if (hasOwn.call(iterable, i)) {\n
next.value = iterable[i]; \n          next.done = false; \n          return next; \n        } \n      } \n      next.value =
undefined; \n      next.done = true; \n      return next; \n    }; \n    return next.next = next; \n  } \n } \n
// Return an iterator with no values. \n  return { next: doneResult }; \n } \n exports.values = values; \n function
doneResult() {\n  return { value: undefined, done: true }; \n } \n Context.prototype = {\n  constructor:
Context, \n  reset: function(skipTempReset) {\n    this.prev = 0; \n    this.next = 0; \n    // Resetting
context._sent for legacy support of Babel's \n    // function.sent implementation. \n    this.sent = this._sent =
undefined; \n    this.done = false; \n    this.delegate = null; \n    this.method = \"next\"; \n    this.arg =
undefined; \n    this.tryEntries.forEach(resetTryEntry); \n    if (!skipTempReset) {\n      for (var name in this)
{\n        // Not sure about the optimal order of these conditions: \n        if (name.charAt(0) === \"t\" && \n
hasOwn.call(this, name) && \n        !isNaN(+name.slice(1))) {\n          this[name] = undefined; \n        } \n
} \n    }, \n  stop: function() {\n    this.done = true; \n    var rootEntry = this.tryEntries[0]; \n    var
rootRecord = rootEntry.completion; \n    if (rootRecord.type === \"throw\") {\n      throw rootRecord.arg; \n
} \n    return this.rval; \n  }, \n  dispatchException: function(exception) {\n    if (this.done) {\n      throw
exception; \n    } \n    var context = this; \n    function handle(loc, caught) {\n      record.type = \"throw\"; \n
record.arg = exception; \n      context.next = loc; \n      if (caught) {\n        // If the dispatched exception was
caught by a catch block, \n        // then let that catch block handle the exception normally. \n        context.method =
\"next\"; \n        context.arg = undefined; \n      } \n      return !! caught; \n    } \n    for (var i =
this.tryEntries.length - 1; i >= 0; --i) {\n      var entry = this.tryEntries[i]; \n      var record = entry.completion; \n
if (entry.tryLoc === \"root\") {\n        // Exception thrown outside of any try block that could handle \n        // it,
so set the completion value of the entire function to \n        // throw the exception. \n        return handle(\"end\"); \n
} \n    if (entry.tryLoc <= this.prev) {\n      var hasCatch = hasOwn.call(entry, \"catchLoc\"); \n      var
hasFinally = hasOwn.call(entry, \"finallyLoc\"); \n      if (hasCatch && hasFinally) {\n        if (this.prev <
entry.catchLoc) {\n          return handle(entry.catchLoc, true); \n        } else if (this.prev < entry.finallyLoc) {\n
return handle(entry.finallyLoc); \n        } \n      } else if (hasCatch) {\n        if (this.prev <
entry.catchLoc) {\n          return handle(entry.catchLoc, true); \n        } \n      } else if (hasFinally) {\n
if (this.prev < entry.finallyLoc) {\n          return handle(entry.finallyLoc); \n        } \n      } else {\n
throw new Error(\"try statement without catch or finally\"); \n      } \n    } \n  }, \n  abrupt:
function(type, arg) {\n    for (var i = this.tryEntries.length - 1; i >= 0; --i) {\n      var entry = this.tryEntries[i]; \n
if (entry.tryLoc <= this.prev && \n      hasOwn.call(entry, \"finallyLoc\") && \n      this.prev <
entry.finallyLoc) {\n      var finallyEntry = entry; \n      break; \n    } \n    if (finallyEntry && \n
(type === \"break\" || \n    type === \"continue\") && \n    finallyEntry.tryLoc <= arg && \n    arg <=

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finallyEntry.finallyLoc) {\n    // Ignore the finally entry if control is not jumping to a\n    // location outside the
try/catch block.\n    finallyEntry = null;\n    }\n\n    var record = finallyEntry ? finallyEntry.completion : {};\n    record.type = type;\n    record.arg = arg;\n    if (finallyEntry) {\n        this.method = "next";\n        this.next =
finallyEntry.finallyLoc;\n        return ContinueSentinel;\n    }\n\n    return this.complete(record);\n    },\n\n    complete: function(record, afterLoc) {\n        if (record.type === "throw") {\n            throw record.arg;\n        }\n\n        if
(record.type === "break" ||\n            record.type === "continue") {\n            this.next = record.arg;\n        } else if
(record.type === "return") {\n            this.rval = this.arg = record.arg;\n            this.method = "return";\n            this.next
= "end";\n        } else if (record.type === "normal" && afterLoc) {\n            this.next = afterLoc;\n        }\n\n        return
ContinueSentinel;\n    },\n\n    finish: function(finallyLoc) {\n        for (var i = this.tryEntries.length - 1; i >= 0; --i)
{\n            var entry = this.tryEntries[i];\n            if (entry.finallyLoc === finallyLoc) {\n
this.complete(entry.completion, entry.afterLoc);\n                resetTryEntry(entry);\n                return ContinueSentinel;\n
            }\n        }\n    },\n\n    "catch": function(tryLoc) {\n        for (var i = this.tryEntries.length - 1; i >= 0; --i) {\n            var
entry = this.tryEntries[i];\n            if (entry.tryLoc === tryLoc) {\n                var record = entry.completion;\n                if
(record.type === "throw") {\n                    var thrown = record.arg;\n                    resetTryEntry(entry);\n                }\n
return thrown;\n            }\n        }\n\n        // The context.catch method must only be called with a location\n        //
argument that corresponds to a known catch block.\n        throw new Error("illegal catch attempt");\n    },\n\n    delegateYield: function(iterable, resultName, nextLoc) {\n        this.delegate = {\n            iterator: values(iterable),\n            resultName: resultName,\n            nextLoc: nextLoc\n        };\n\n        if (this.method === "next") {\n            // Deliberately
forget the last sent value so that we don't\n            // accidentally pass it on to the delegate.\n            this.arg =
undefined;\n        }\n\n        return ContinueSentinel;\n    } }\n};\n\n// Regardless of whether this script is executing as
a CommonJS module\n// or not, return the runtime object so that we can declare the variable\n//
regeneratorRuntime in the outer scope, which allows this module to be\n// injected easily by `bin/regenerator --
include-runtime script.js`\nreturn exports;\n})(\n\n// If this script is executing as a CommonJS module, use
module.exports\n// as the regeneratorRuntime namespace. Otherwise create a new empty\n// object. Either way,
the resulting object will be used to initialize\n// the regeneratorRuntime variable at the top of this file.\ntypeof
module === "object" ? module.exports : {}));\n\ntry {\n    regeneratorRuntime = runtime;\n} catch
(accidentalStrictMode) {\n    // This module should not be running in strict mode, so the above\n    // assignment
should always work unless something is misconfigured. Just\n    // in case runtime.js accidentally runs in strict mode,
we can escape\n    // strict mode using a global Function call. This could conceivably fail\n    // if a Content Security
Policy forbids using Function, but in that case\n    // the proper solution is to fix the accidental strict mode problem.
If\n    // you've misconfigured your bundler to force strict mode and applied a\n    // CSP to forbid Function, and you're
not willing to fix either of those\n    // problems, please detail your unique predicament in a GitHub issue.\n    Function("r", "regeneratorRuntime = r")(runtime);\n}\n\n", "use strict";\n\nObject.defineProperty(exports,
"__esModule", { value: true });\n\nexports.importFromOldV8CpuProfile = exports.importFromChromeCpuProfile
= exports.importFromChromeTimeline = exports.isChromeTimeline = void 0;\n\nconst profile_1 =
require("../lib/profile");\n\nconst utils_1 = require("../lib/utils");\n\nconst value_formatters_1 = require("../lib/value-
formatters");\n\nconst v8cpuFormatter_1 = require("../v8cpuFormatter");\n\nfunction isChromeTimeline(rawProfile)
{\n    if (!Array.isArray(rawProfile))\n        return false;\n    if (rawProfile.length < 1)\n        return false;\n    const
first = rawProfile[0];\n    if (!(('pid' in first && 'tid' in first && 'ph' in first && 'cat' in first))\n        return false;\n    if
(!rawProfile.find(e => e.name === 'CpuProfile' || e.name === 'Profile' || e.name === 'ProfileChunk'))\n        return
false;\n    return true;\n}\n\nexports.isChromeTimeline = isChromeTimeline;\n\nfunction
importFromChromeTimeline(events, fileName) {\n    // It seems like sometimes Chrome timeline files contain
multiple CpuProfiles?\n    // For now, choose the first one in the list.\n    const cpuProfileById = new Map();\n    //
Maps profile IDs (like "0x3") to pid/tid pairs formatted as `${pid}:${tid}`\n    const pidTidById = new Map();\n    // Maps pid/tid pairs to thread names\n    const threadNameByPidTid = new Map();\n    // The events aren't
necessarily recorded in chronological order. Sort them so\n    // that they are.\n    utils_1.sortBy(events, e => e.ts);\n    for (let event of events) {\n        if (event.name === 'CpuProfile') {\n            const pidTid =
`${event.pid}:${event.tid}`;\n            const id = event.id || pidTid;\n            cpuProfileById.set(id,

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event.args.data.cpuProfile);
    pidTidById.set(id, pidTid);
}
if (event.name === 'Profile') {
    const pidTid = `${event.pid}:${event.tid}`;
    cpuProfileById.set(event.id || pidTid, Object.assign({
        startTime: 0, endTime: 0, nodes: [], samples: [], timeDeltas: [] }, event.args.data));
    if (event.id) {
        pidTidById.set(event.id, `${event.pid}:${event.tid}`);
    }
    if (event.name === 'thread_name') {
        threadNameByPidTid.set(`${event.pid}:${event.tid}`, event.args.name);
    }
    if (event.name === 'ProfileChunk') {
        const pidTid = `${event.pid}:${event.tid}`;
        const cpuProfile =
            cpuProfileById.get(event.id || pidTid);
        if (cpuProfile) {
            const chunk = event.args.data;
            if (chunk.cpuProfile) {
                if (chunk.cpuProfile.nodes) {
                    cpuProfile.nodes =
                        cpuProfile.nodes.concat(chunk.cpuProfile.nodes);
                }
                if (chunk.cpuProfile.samples) {
                    cpuProfile.samples =
                        cpuProfile.samples.concat(chunk.cpuProfile.samples);
                }
                if (chunk.timeDeltas) {
                    cpuProfile.timeDeltas =
                        cpuProfile.timeDeltas.concat(chunk.timeDeltas);
                }
                if (chunk.startTime !== null) {
                    cpuProfile.startTime = chunk.startTime;
                }
                if (chunk.endTime !== null) {
                    cpuProfile.endTime = chunk.endTime;
                }
                else {
                    console.warn(`Ignoring ProfileChunk for undeclared Profile with id ${event.id || pidTid}`);
                }
            }
        }
        if (cpuProfileById.size > 0) {
            const profiles = [];
            let indexToView = 0;
            utils_1.forEach(cpuProfileById.keys(), profileId => {
                let threadName = null;
                let pidTid =
                    pidTidById.get(profileId);
                if (pidTid) {
                    threadName =
                        threadNameByPidTid.get(pidTid) ||
                        null;
                    if (threadName) {
                        const profile =
                            importFromChromeCPUProfile(
                                cpuProfileById.get(profileId));
                        if (threadName && cpuProfileById.size >
                            1) {
                            profile.setName(
                                `${fileName} - ${threadName}`);
                            if (threadName ===
                                'CrRendererMain') {
                                indexToView =
                                    profiles.length;
                            }
                            else {
                                profile.setName(
                                    `${fileName}`);
                                profiles.push(profile);
                            }
                        }
                        return { name: fileName,
                            indexToView, profiles };
                    }
                    else {
                        throw new Error(
                            'Could not find CPU profile in Timeline');
                    }
                }
            });
        }
        exports.importFromChromeTimeline =
            importFromChromeTimeline;
        const callFrameToFrameInfo =
            new Map();
        function frameInfoForCallFrame(
            callFrame) {
            return utils_1.getOrInsert(
                callFrameToFrameInfo,
                callFrame, callFrame => {
                    const name =
                        callFrame.functionName ||
                        '(anonymous)';
                    const file =
                        callFrame.url;
                    const line =
                        callFrame.lineNumber;
                    const col =
                        callFrame.columnNumber;
                    return {
                        key: `${name}:${file}:${line}:${col}`,
                        name, file, line, col,
                    };
                });
        }
        function shouldIgnoreFunction(
            callFrame) {
            const { functionName, url } =
                callFrame;
            if (url ===
                'native dummy.js') {
                // I'm not really sure what this is about, but this seems to be used
                // as a way of avoiding edge cases in V8's implementation.
                // See:
                // https://github.com/v8/v8/blob/b8626ca4/tools/js2c.py#L419-L424
                return true;
            }
            return functionName ===
                '(root)' ||
                functionName ===
                '(idle)';
        }
        function shouldPlaceOnTopOfPreviousStack(
            functionName) {
            return functionName ===
                '(garbage collector)' ||
                functionName ===
                '(program)';
        }
        importFromChromeCPUProfile(
            chromeProfile) {
            const profile =
                new profile_1.CallTreeProfileBuilder(
                    chromeProfile.endTime -
                    chromeProfile.startTime);
            const nodeById =
                new Map();
            for (let node of
                chromeProfile.nodes) {
                nodeById.set(
                    node.id, node);
            }
            for (let node of
                chromeProfile.nodes) {
                if (typeof
                    node.parent ===
                    'number') {
                    node.parent =
                        nodeById.get(
                            node.parent);
                }
                if (!node.children)
                    continue;
                for (let childId of
                    node.children) {
                    const child =
                        nodeById.get(
                            childId);
                    if (!child)
                        continue;
                    child.parent =
                        node;
                }
            }
            const samples =
                [];
            const sampleTimes =
                [];
            // The first delta is relative to the profile
            // startTime.
            // Ref: https://github.com/v8/v8/blob/44bd8fd7/src/inspector/js_protocol.json#L1485
            let elapsed =
                chromeProfile.timeDeltas[0];
            // Prevents negative time deltas from causing bad data. See
            // https://github.com/jlfwong/speedscope/pull/305 for details.
            let lastValidElapsed =
                elapsed;
            let lastNodeId =
                NaN;
            // The chrome CPU profile format doesn't collapse identical samples. We'll do that
            // here to save a ton of work later doing mergers.
            for (let i = 0; i <
                chromeProfile.samples.length; i++) {
                const nodeId =
                    chromeProfile.samples[i];
                if (nodeId !==
                    lastNodeId) {
                    samples.push(
                        nodeId);
                    if (elapsed <

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lastValidElapsed) {\n      sampleTimes.push(lastValidElapsed);\n    }\n    else {\n      sampleTimes.push(elapsed);\n      lastValidElapsed = elapsed;\n    }\n    if (i ===\n      chromeProfile.samples.length - 1) {\n      if (!isNaN(lastNodeId)) {\n        samples.push(lastNodeId);\n        if (elapsed < lastValidElapsed) {\n          sampleTimes.push(lastValidElapsed);\n        }\n      }\n    }\n    else {\n      sampleTimes.push(elapsed);\n      lastValidElapsed = elapsed;\n    }\n  }\n  }\n  else {\n    const timeDelta = chromeProfile.timeDeltas[i + 1];\n    elapsed += timeDelta;\n    lastNodeId = nodeId;\n  }\n  }\n  let prevStack = [];\n  for (let i = 0; i < samples.length; i++) {\n    const\n    value = sampleTimes[i];\n    const nodeId = samples[i];\n    let stackTop = nodeId.get(nodeId);\n    if\n    (!stackTop)\n      continue;\n    // Find lowest common ancestor of the current stack and the previous one\n    let lca = null;\n    // This is O(n^2), but n should be relatively small here (stack height),\n    // so hopefully this\n    isn't much of a problem\n    for (lca = stackTop; lca && prevStack.indexOf(lca) === -1; lca =\n      shouldPlaceOnTopOfPreviousStack(lca.callFrame.functionName)\n        ? utils_1.lastOf(prevStack)\n          :\n        lca.parent || null) {\n      // Close frames that are no longer open\n      while (prevStack.length > 0 &&\n        utils_1.lastOf(prevStack) !== lca) {\n        const closingNode = prevStack.pop();\n        const frame =\n        frameInfoForCallFrame(closingNode.callFrame);\n        profile.leaveFrame(frame, value);\n      }\n      // Open\n      frames that are now becoming open\n      const toOpen = [];\n      for (let node = stackTop; node && node !== lca\n        && !shouldIgnoreFunction(node.callFrame);)\n        // Place Chrome internal functions on top of the previous call\n        stack\n        node = shouldPlaceOnTopOfPreviousStack(node.callFrame.functionName)\n          ?\n          utils_1.lastOf(prevStack)\n            : node.parent || null)\n        {\n          toOpen.push(node);\n        }\n      toOpen.reverse();\n      for (let node of toOpen) {\n        profile.enterFrame(frameInfoForCallFrame(node.callFrame), value);\n      }\n      prevStack =\n      prevStack.concat(toOpen);\n    }\n    // Close frames that are open at the end of the trace\n    for (let i =\n      prevStack.length - 1; i >= 0; i--) {\n      profile.leaveFrame(frameInfoForCallFrame(prevStack[i].callFrame),\n        utils_1.lastOf(sampleTimes));\n    }\n    profile.setValueFormatter(new\n      value_formatters_1.TimeFormatter('microseconds'));\n    return\n    profile.build();\n  }\n}\nexports.importFromChromeCPUProfile = importFromChromeCPUProfile;\nfunction\nimportFromOldV8CPUProfile(content) {\n  return\n  importFromChromeCPUProfile(v8cpuFormatter_1.chromeTreeToNodes(content));\n}\nexports.importFromOldV8\nCPUProfile = importFromOldV8CPUProfile;\n\n","use strict";\n\nvar __createBinding = (this &&\n  this.__createBinding) || (Object.create ? (function(o, m, k, k2) {\n    if (k2 === undefined) k2 = k;\n    Object.defineProperty(o, k2, { enumerable: true, get: function() { return m[k]; } });\n  }) : (function(o, m, k, k2) {\n    if (k2 === undefined) k2 = k;\n    o[k2] = m[k];\n  }));\n\nvar __setModuleDefault = (this &&\n  this.__setModuleDefault) || (Object.create ? (function(o, v) {\n    Object.defineProperty(o, "default", { enumerable:\n      true, value: v });\n  }) : (function(o, v) {\n    o["default"] = v;\n  }));\n\nvar __importStar = (this && this.__importStar) ||\n  function (mod) {\n    if (mod && mod.__esModule) return mod;\n    var result = {};\n    if (mod !== null) for (var k in\n      mod) if (Object.hasOwnProperty.call(mod, k)) __createBinding(result, mod, k);\n    __setModuleDefault(result,\n      mod);\n    return result;\n  };\n\nvar __awaiter = (this && this.__awaiter) || function (thisArg, _arguments, P, generator)\n  {\n    function adopt(value) { return value instanceof P ? value : new P(function (resolve) { resolve(value); }); }\n    return new (P || (P = Promise))(function (resolve, reject) {\n      function fulfilled(value) { try { step(generator.next(value)); } catch (e) { reject(e); } }\n      function rejected(value) { try { step(generator["throw"](value)); } catch (e) { reject(e); } }\n      function step(result) { result.done ? resolve(result.value) : adopt(result.value).then(fulfilled, rejected); }\n      step((generator = generator.apply(thisArg, _arguments || [])).next());\n    });\n  };\n\nObject.defineProperty(exports, "__esModule", { value: true\n  });\n\nexports.CallTreeProfileBuilder = exports.StackListProfileBuilder = exports.Profile = exports.CallTreeNode =\n  exports.Frame = exports.HasWeights = void 0;\n\nconst utils_1 = require("./utils");\nconst value_formatters_1 =\n  require("./value-formatters");\nconst demangleCppModule = Promise.resolve().then(() =>\n  __importStar(require("./demangle-cpp")));\n\n// Force eager loading of the module\ndemangleCppModule.then(() => {\n  });\n\nclass HasWeights {\n  constructor() {\n    this.selfWeight = 0;\n    this.totalWeight = 0;\n  }\n}

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getSelfWeight() {\n    return this.selfWeight;\n } \n getTotalWeight() {\n    return this.totalWeight;\n } \n
addToTotalWeight(delta) {\n    this.totalWeight += delta;\n } \n addToSelfWeight(delta) {\n
this.selfWeight += delta;\n } \n overwriteWeightWith(other) {\n    this.selfWeight = other.selfWeight;\n
this.totalWeight = other.totalWeight;\n } \n } \n exports.HasWeights = HasWeights;\n let Frame = /** @class */ (()
=> {\n    class Frame extends HasWeights {\n        constructor(info) {\n            super();\n            this.key =
info.key;\n            this.name = info.name;\n            this.file = info.file;\n            this.line = info.line;\n            this.col
= info.col;\n        } \n        static getOrInsert(set, info) {\n            return set.getOrInsert(new Frame(info));\n        } \n
} \n    Frame.root = new Frame({\n        key: '(speedscope root)',\n        name: '(speedscope root)',\n    });\n    return
Frame;\n})();\n exports.Frame = Frame;\n class CallTreeNode extends HasWeights {\n    constructor(frame, parent)
{\n        super();\n        this.frame = frame;\n        this.parent = parent;\n        this.children = [];\n        // If a node is
\"frozen\", it means it should no longer be mutated.\n        this.frozen = false;\n    } \n    isRoot() {\n        return
this.frame === Frame.root;\n    } \n    isFrozen() {\n        return this.frozen;\n    } \n    freeze() {\n        this.frozen =
true;\n    } \n } \n exports.CallTreeNode = CallTreeNode;\n class Profile {\n    constructor(totalWeight = 0) {\n
this.name = \"\";\n        this.frames = new utils_1.KeyedSet();\n        // Profiles store two call-trees.\n        // \n        //
The \"append order\" call tree is the one in which nodes are ordered in\n        // whatever order they were appended
to their parent.\n        // \n        // The \"grouped\" call tree is one in which each node has at most one child per\n
// frame. Nodes are ordered in decreasing order of weight\n        this.appendOrderCalltreeRoot = new
CallTreeNode(Frame.root, null);\n        this.groupedCalltreeRoot = new CallTreeNode(Frame.root, null);\n        //
List of references to CallTreeNodes at the top of the\n        // stack at the time of the sample.\n        this.samples =
[];\n        this.weights = [];\n        this.valueFormatter = new value_formatters_1.RawValueFormatter();\n
this.totalNonIdleWeight = null;\n        this.totalWeight = totalWeight;\n    } \n    getAppendOrderCalltreeRoot() {\n
return this.appendOrderCalltreeRoot;\n    } \n    getGroupedCalltreeRoot() {\n        return
this.groupedCalltreeRoot;\n    } \n    formatValue(v) {\n        return this.valueFormatter.format(v);\n    } \n
setValueFormatter(f) {\n        this.valueFormatter = f;\n    } \n    getWeightUnit() {\n        return
this.valueFormatter.unit;\n    } \n    getName() {\n        return this.name;\n    } \n    setName(name) {\n        this.name
= name;\n    } \n    getTotalWeight() {\n        return this.totalWeight;\n    } \n    getTotalNonIdleWeight() {\n        if
(this.totalNonIdleWeight === null) {\n            this.totalNonIdleWeight =
this.groupedCalltreeRoot.children.reduce((n, c) => n + c.getTotalWeight(), 0);\n        } \n        return
this.totalNonIdleWeight;\n    } \n    // This is private because it should only be called in the ProfileBuilder\n    //
classes. Once a Profile instance has been constructed, it should be treated\n    // as immutable.\n    sortGroupedCallTree() {\n        function visit(node) {\n            node.children.sort((a, b) => -(a.getTotalWeight() -
b.getTotalWeight()));\n            node.children.forEach(visit);\n        } \n        visit(this.groupedCalltreeRoot);\n    } \n
forEachCallGrouped(openFrame, closeFrame) {\n        function visit(node, start) {\n            if (node.frame !==
Frame.root) {\n                openFrame(node, start);\n            } \n            let childTime = 0;\n
node.children.forEach(function (child) {\n                visit(child, start + childTime);\n                childTime +=
child.getTotalWeight();\n            });\n            if (node.frame !== Frame.root) {\n                closeFrame(node, start +
node.getTotalWeight());\n            } \n        } \n        visit(this.groupedCalltreeRoot, 0);\n    } \n
forEachCall(openFrame, closeFrame) {\n        let prevStack = [];\n        let value = 0;\n        let sampleIndex = 0;\n
for (let stackTop of this.samples) {\n            // Find lowest common ancestor of the current stack and the previous
one\n            let lca = null;\n            // This is O(n^2), but n should be relatively small here (stack height),\n            //
so hopefully this isn't much of a problem\n            for (lca = stackTop; lca && lca.frame !== Frame.root &&
prevStack.indexOf(lca) === -1; lca = lca.parent) { } \n            // Close frames that are no longer open\n            while
(prevStack.length > 0 && utils_1.lastOf(prevStack) !== lca) {\n                const node = prevStack.pop();\n
closeFrame(node, value);\n            } \n            // Open frames that are now becoming open\n            const toOpen =
[];\n            for (let node = stackTop; node && node.frame !== Frame.root && node !== lca; node = node.parent) {\n
toOpen.push(node);\n            } \n            toOpen.reverse();\n            for (let node of toOpen) {\n
openFrame(node, value);\n            } \n            prevStack = prevStack.concat(toOpen);\n            value +=
this.weights[sampleIndex++];\n        } \n        // Close frames that are open at the end of the trace\n        for (let i =

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prevStack.length - 1; i >= 0; i--) {\n      closeFrame(prevStack[i], value);\n    }\n  }\n  forEachFrame(fn) {\n    this.frames.forEach(fn);\n  }\n  getProfileWithRecursionFlattened() {\n    const builder = new\n    CallTreeProfileBuilder();\n    const stack = [];\n    const framesInStack = new Set();\n    function\n    openFrame(node, value) {\n      if (framesInStack.has(node.frame)) {\n        stack.push(null);\n      }\n      else {\n        framesInStack.add(node.frame);\n        stack.push(node);\n      }\n      builder.enterFrame(node.frame, value);\n    }\n    function closeFrame(node, value) {\n      const\n      stackTop = stack.pop();\n      if (stackTop) {\n        framesInStack.delete(stackTop.frame);\n      }\n      builder.leaveFrame(stackTop.frame, value);\n    }\n    this.forEachCall(openFrame, closeFrame);\n    const flattenedProfile = builder.build();\n    flattenedProfile.name = this.name;\n    flattenedProfile.valueFormatter = this.valueFormatter;\n    // When constructing a profile with recursion\n    flattened,\n    // counter-intuitive things can happen to \"self time\" measurements\n    // for functions.\n    // For example, given the following list of stacks w/ weights:\n    // a\n    // a;b;a 1\n    // a;b;a;b;a 1\n    // a;b;a 1\n    // The resulting profile with recursion flattened out will look like this:\n    // a\n    // a;b 3\n    // Which is useful to view, but it's counter-intuitive to move self-time\n    // for\n    frames around, since analyzing the self-time of functions is an important\n    // thing to be able to do accurately,\n    and we don't want this to change when recursion\n    // is flattened. To work around that, we'll just copy the\n    weights directly from the\n    // un-flattened profile.\n    this.forEachFrame(f => {\n      flattenedProfile.frames.getOrInsert(f).overwriteWeightWith(f);\n    });\n    return flattenedProfile;\n  }\n  getInvertedProfileForCallersOf(focalFrameInfo) {\n    const focalFrame = Frame.getOrInsert(this.frames,\n    focalFrameInfo);\n    const builder = new StackListProfileBuilder();\n    // TODO(jlfwong): Could construct\n    this at profile\n    // construction time rather than on demand.\n    const nodes = [];\n    function visit(node)\n    {\n      if (node.frame === focalFrame) {\n        nodes.push(node);\n      }\n      else {\n        for\n        (let child of node.children) {\n          visit(child);\n        }\n      }\n    }\n    visit(this.appendOrderCalltreeRoot);\n    for (let node of nodes) {\n      const stack = [];\n      for (let n =\n      node; n != null && n.frame !== Frame.root; n = n.parent) {\n        stack.push(n.frame);\n      }\n      builder.appendSampleWithWeight(stack, node.getTotalWeight());\n    }\n    const ret = builder.build();\n    ret.name = this.name;\n    ret.valueFormatter = this.valueFormatter;\n    return ret;\n  }\n  getProfileForCalleesOf(focalFrameInfo) {\n    const focalFrame = Frame.getOrInsert(this.frames,\n    focalFrameInfo);\n    const builder = new StackListProfileBuilder();\n    function\n    recordSubtree(focalFrameNode) {\n      const stack = [];\n      function visit(node) {\n        stack.push(node.frame);\n        builder.appendSampleWithWeight(stack, node.getSelfWeight());\n        for\n        (let child of node.children) {\n          visit(child);\n        }\n        stack.pop();\n      }\n      visit(focalFrameNode);\n    }\n    function findCalls(node) {\n      if (node.frame === focalFrame) {\n        recordSubtree(node);\n      }\n      else {\n        for (let child of node.children) {\n          findCalls(child);\n        }\n      }\n    }\n    findCalls(this.appendOrderCalltreeRoot);\n    const ret =\n    builder.build();\n    ret.name = this.name;\n    ret.valueFormatter = this.valueFormatter;\n    return ret;\n  }\n  // Demangle symbols for readability\n  demangle() {\n    return __awaiter(this, void 0, void 0, function* () {\n      let demangleCpp = null;\n      for (let frame of this.frames) {\n        // This function converts a mangled\n        C++ name such as \"__ZNK7Support6ColorFeqERKS0_\" \n        // into a human-readable symbol (in this case\n        \"Support::ColorF::==(Support::ColorF&)\")\n        if (frame.name.startsWith('__Z')) {\n          if\n          (!demangleCpp) {\n            demangleCpp = (yield demangleCppModule).demangleCpp;\n          }\n          frame.name = demangleCpp(frame.name);\n        }\n      }\n    });\n  }\n  remapNames(callback) {\n    for (let frame of this.frames) {\n      frame.name = callback(frame.name);\n    }\n  }\n}\n\nexports.Profile = Profile;\n\nclass StackListProfileBuilder extends Profile {\n  constructor() {\n    super(...arguments);\n    this.pendingSample = null;\n  }\n  _appendSample(stack, weight, useAppendOrder)\n  {\n    if (isNaN(weight))\n      throw new Error('invalid weight');\n    let node = useAppendOrder ?\n    this.appendOrderCalltreeRoot : this.groupedCalltreeRoot;\n    let framesInStack = new Set();\n    for (let\n    frameInfo of stack) {\n      const frame = Frame.getOrInsert(this.frames, frameInfo);\n      const last =

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useAppendOrder\n          ? utils_1.lastOf(node.children)\n          : node.children.find(c => c.frame ===
frame);\n          if (last && !last.isFrozen() && last.frame == frame) {\n          node = last;\n          }\n          else {\n          const parent = node;\n          node = new CallTreeNode(frame, node);\n          parent.children.push(node);\n          }\n          node.addToTotalWeight(weight);\n          // It's possible for the
same frame to occur multiple\n          // times in the same call stack due to either direct\n          // or indirect
recursion. We want to avoid counting that\n          // frame multiple times for a single sample, we so just\n          //
track all of the unique frames that participated in\n          // this call stack, then add to their weight at the end.\n          framesInStack.add(node.frame);\n          }\n          node.addToSelfWeight(weight);\n          if (useAppendOrder) {\n          for (let child of node.children) {\n          child.freeze();\n          }\n          }\n          if (useAppendOrder) {\n          node.frame.addToSelfWeight(weight);\n          for (let frame of framesInStack) {\n          frame.addToTotalWeight(weight);\n          }\n          if (node === utils_1.lastOf(this.samples)) {\n          this.weights[this.weights.length - 1] += weight;\n          }\n          else {\n          this.samples.push(node);\n          this.weights.push(weight);\n          }\n          }\n          appendSampleWithWeight(stack, weight) {\n          if
(weight === 0) {\n          // Samples with zero weight have no effect, so let's ignore them\n          return;\n          }\n          if (weight < 0) {\n          throw new Error('Samples must have positive weights');\n          }\n          this._appendSample(stack, weight, true);\n          this._appendSample(stack, weight, false);\n          }\n          appendSampleWithTimestamp(stack, timestamp) {\n          if (this.pendingSample) {\n          if (timestamp <
this.pendingSample.centralTimestamp) {\n          throw new Error('Timestamps received out of order');\n          }\n          }\n          const endTimeStamp = (timestamp + this.pendingSample.centralTimestamp) / 2;\n          this.appendSampleWithWeight(this.pendingSample.stack, endTimeStamp - this.pendingSample.startTimestamp);\n          this.pendingSample = { stack, startTimestamp: endTimeStamp, centralTimestamp: timestamp }; \n          }\n          else {\n          this.pendingSample = { stack, startTimestamp: timestamp, centralTimestamp: timestamp }; \n          }\n          }\n          build() {\n          if (this.pendingSample) {\n          if (this.samples.length > 0) {\n          this.appendSampleWithWeight(this.pendingSample.stack, this.pendingSample.centralTimestamp -
this.pendingSample.startTimestamp);\n          }\n          else {\n          // There is only a single sample. In this
case, units will be meaningless,\n          // so we'll append with a weight of 1 and also clear any value formatter\n          this.appendSampleWithWeight(this.pendingSample.stack, 1);\n          this.setValueFormatter(new
value_formatters_1.RawValueFormatter());\n          }\n          }\n          this.totalWeight = Math.max(this.totalWeight,
this.weights.reduce((a, b) => a + b, 0));\n          this.sortGroupedCallTree();\n          return this;\n          }\n          }\n          \n          exports.StackListProfileBuilder = StackListProfileBuilder;\n          // As an alternative API for importing profiles
more efficiently, provide a\n          // way to open & close frames directly without needing to construct tons of\n          // arrays as
intermediaries.\n          class CallTreeProfileBuilder extends Profile {\n          constructor() {\n          super(...arguments);\n          this.appendOrderStack = [this.appendOrderCalltreeRoot];\n          this.groupedOrderStack =
[this.groupedCalltreeRoot];\n          this.framesInStack = new Map();\n          this.stack = [];\n          this.lastValue = 0;\n          }\n          addWeightsToFrames(value) {\n          const delta = value - this.lastValue;\n          for (let frame of
this.framesInStack.keys()) {\n          frame.addToTotalWeight(delta);\n          }\n          const stackTop =
utils_1.lastOf(this.stack);\n          if (stackTop) {\n          stackTop.addToSelfWeight(delta);\n          }\n          }\n          addWeightsToNodes(value, stack) {\n          const delta = value - this.lastValue;\n          for (let node of stack) {\n          node.addToTotalWeight(delta);\n          }\n          const stackTop = utils_1.lastOf(stack);\n          if (stackTop) {\n          stackTop.addToSelfWeight(delta);\n          }\n          }\n          _enterFrame(frame, value, useAppendOrder) {\n          let stack
= useAppendOrder ? this.appendOrderStack : this.groupedOrderStack;\n          this.addWeightsToNodes(value,
stack);\n          let prevTop = utils_1.lastOf(stack);\n          if (prevTop) {\n          if (useAppendOrder) {\n          const delta = value - this.lastValue;\n          if (delta > 0) {\n          this.samples.push(prevTop);\n          this.weights.push(value - this.lastValue);\n          }\n          else if (delta < 0) {\n          throw new
Error('Samples must be provided in increasing order of cumulative value. Last sample was ${this.lastValue}, this
sample was ${value}');\n          }\n          }\n          }\n          const last = useAppendOrder\n          ?\n          utils_1.lastOf(prevTop.children)\n          : prevTop.children.find(c => c.frame === frame);\n          let node;\n          if (last && !last.isFrozen() && last.frame == frame) {\n          node = last;\n          }\n          else {\n

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node = new CallTreeNode(frame, prevTop);\n        prevTop.children.push(node);\n        }\n
stack.push(node);\n        }\n        }\n        enterFrame(frameInfo, value) {\n        const frame =
Frame.getOrInsert(this.frames, frameInfo);\n        this.addWeightsToFrames(value);\n        this._enterFrame(frame,
value, true);\n        this._enterFrame(frame, value, false);\n        this.stack.push(frame);\n        const frameCount =
this.framesInStack.get(frame) || 0;\n        this.framesInStack.set(frame, frameCount + 1);\n        this.lastValue =
value;\n        }\n        _leaveFrame(frame, value, useAppendOrder) {\n        let stack = useAppendOrder ?
this.appendOrderStack : this.groupedOrderStack;\n        this.addWeightsToNodes(value, stack);\n        if
(useAppendOrder) {\n        const leavingStackTop = this.appendOrderStack.pop();\n        if (leavingStackTop
== null) {\n        throw new Error(`Trying to leave ${frame.key} when stack is empty`);\n        }\n        if
(this.lastValue == null) {\n        throw new Error(`Trying to leave a ${frame.key} before any have been
entered`);\n        }\n        leavingStackTop.freeze();\n        if (leavingStackTop.frame.key !== frame.key) {\n
throw new Error(`Tried to leave frame \"${frame.name}\" while frame \"${leavingStackTop.frame.name}\"
was at the top at ${value}`);\n        }\n        const delta = value - this.lastValue;\n        if (delta > 0) {\n
this.samples.push(leavingStackTop);\n        this.weights.push(value - this.lastValue);\n        }\n        else
if (delta < 0) {\n        throw new Error(`Samples must be provided in increasing order of cumulative value. Last
sample was ${this\n        .lastValue}, this sample was ${value}`);\n        }\n        }\n        else {\n
this.groupedOrderStack.pop();\n        }\n        }\n        leaveFrame(frameInfo, value) {\n        const frame =
Frame.getOrInsert(this.frames, frameInfo);\n        this.addWeightsToFrames(value);\n        this._leaveFrame(frame,
value, true);\n        this._leaveFrame(frame, value, false);\n        this.stack.pop();\n        const frameCount =
this.framesInStack.get(frame);\n        if (frameCount == null)\n        return;\n        if (frameCount === 1) {\n
this.framesInStack.delete(frame);\n        }\n        else {\n        this.framesInStack.set(frame, frameCount - 1);\n
}\n        this.lastValue = value;\n        this.totalWeight = Math.max(this.totalWeight, this.lastValue);\n        }\n        build()\n        {\n        // Each stack is expected to contain a single node which we initialize to be\n        // the root node.\n        if
(this.appendOrderStack.length > 1 || this.groupedOrderStack.length > 1) {\n        throw new Error("Tried to
complete profile construction with a non-empty stack");\n        }\n        this.sortGroupedCallTree();\n        return
this;\n        }\n        }\n        exports.CallTreeProfileBuilder = CallTreeProfileBuilder;\n        }\n        }\n        use
strict";\n        Object.defineProperty(exports, "__esModule", { value: true });\n        exports.demangleCpp = void 0;\n        let
cppfilt;\n        const cache = new Map();\n        // This function converts a mangled C++ name such as
\"__ZNK7Support6ColorFeqERKS0_\" into a human-readable symbol (in this case
\"Support::ColorF::==(Support::ColorF&)\")\n        function demangleCpp(name) {\n        if (name.startsWith('__Z')) {\n
let result = cache.get(name);\n        if (result !== undefined) {\n        name = result;\n        }\n        else {\n
if (!cppfilt) {\n        cppfilt = new Function('exports', code)();\n        }\n        result =
cppfilt(name.slice(1));\n        result = result === '(null)' ? name : result;\n        cache.set(name, result);\n
name = result;\n        }\n        }\n        return name;\n        }\n        exports.demangleCpp = demangleCpp;\n        // This was taken from
https://d.fuqu.jp/c++filt.js/\n        const code = `
return function(){function r(r){eval.call(null,r)}function a(r){throw
print(r+":\\n\\n\\n"+(new Error).stack),ke=!0,\"Assertion: \"+r}function e(r,e){r|a(\"Assertion failed: \"+e)}function
i(r,a,i,v){function t(r,a){if(\"string\"===a){var e=Oe;return le.stackAlloc(r.length+1),A(r,e),e}return r}function
f(r,a){return\"string\"===a?s(r):r}try{func=ce.Module[\"_\"+r]}catch(r){e(func,\"Cannot call unknown function
\"+r+\" (perhaps LLVM optimizations or closure removed it?)\");var _=0,n=v?v.map(function(r){return
t(r,i_++)}):[];return f(func.apply(null,n),a)}function v(r,a,e){return function(){return
i(r,a,e,Array.prototype.slice.call(arguments))}}function t(r,e,i,v){switch(i=i||\"i8\",`*`===i[i.length-
1]&&(i=\"i32\"),i){case\"i1\":Ae[r]=e;break;case\"i8\":Ae[r]=e;break;case\"i16\":ye[r>>1]=e;break;case\"i32\":Se[r
>>2]=e;break;case\"i64\":Se[r>>2]=e;break;case\"float\":Ce[r>>2]=e;break;case\"double\":ze[0]=e,Se[r>>2]=xe[0],
Se[r+4>>2]=xe[1];break;default:a(\"invalid type for setValue: \"+i)}}function
f(r,e,i){switch(e=e||\"i8\",`*`===e[e.length-1]&&(e=\"i32\"),e){case\"i1\":return Ae[r];case\"i8\":return
Ae[r];case\"i16\":return ye[r>>1];case\"i32\":return Se[r>>2];case\"i64\":return Se[r>>2];case\"float\":return
Ce[r>>2];case\"double\":return xe[0]=Se[r>>2],xe[1]=Se[r+4>>2],ze[0];default:a(\"invalid type for setValue:
\"+e)}return null}function _(r,a,e){var i,v;\"number\"===typeof r?(i=!0,v=r):(i=!1,v=r.length);var

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f="string"==typeof a?a:null,_=[Jr,le.stackAlloc,le.staticAlloc][void
0===e?we:e](Math.max(v,f?1:a.length));if(i)return Fa(_,0,v,_);for(var s,n=0;n<v;){var o=r[n];"function"==typeof
o&&(o=le.getFunctionIndex(o),s=f|a[n],0!==(s?("i64"==s&&(s!="i32"),t(_+n,o,s),n+=le.getNativeTypeSize(s)):n
++)return _}function s(r,a){for(var e,i="undefined"==typeof
a,v="\\",t=0,f=String.fromCharCode(0);){if(e=String.fromCharCode(ge[r+t]),i&&e==f)break;if(v+=e,t+=1,!i&&t=
=a)break}return v}function n(r){for(var a="\\",e=0;e<r.length;e++)a+=String.fromCharCode(r[e]);return a}function
o(r){return r+4095>>12<<12}function l(){for(;Le<=Ie;Le=o(2*Le);var r=Ae,a=new ArrayBuffer(Le);Ae=new
Int8Array(a),ye=new Int16Array(a),Se=new Int32Array(a),ge=new Uint8Array(a),me=new
Uint16Array(a),Me=new Uint32Array(a),Ce=new Float32Array(a),Re=new Float64Array(a),Ae.set(r)}function
b(r){for(;r.length>0;){var a=r.shift(),e=a.func;"number"==typeof e&&(e=pe[e]),e(void
0===a.arg?null:a.arg)}}function k(){b(Ve)}function u(){b(Be),be.print()}function c(r,a){return
Array.prototype.slice.call(Ae.subarray(r,r+a))}function h(r,a){for(var e=new
Uint8Array(a),i=0;i<a;++i)e[i]=Ae[r+i];return e.buffer}function d(r){for(var a=0;Ae[r+a];)a++;return a}function
w(r,a){var e=d(r);a&&e++;var i=c(r,e);return a&&(i[e-1]=0),i}function p(r,a){for(var e=[],i=0;i<r.length;){var
v=r.charCodeAtAt(i);v>255&&(v&=255),e.push(v),i+=1}return a||e.push(0),e}function E(r){for(var
a=[],e=0;e<r.length;e++){var i=r[e];i>255&&(i&=255),a.push(String.fromCharCode(i))}return a.join("\\")}function
A(r,a,e){for(var i=0;i<r.length;){var
v=r.charCodeAtAt(i);v>255&&(v&=255),Ae[a+i]=v,i+=1}e||(Ae[a+i]=0)}function g(r,a,e,i){return
r>=0?r:a<=32?2*Math.abs(1<<a-1)+r:Math.pow(2,a)+r}function y(r,a,e,i){if(r<=0)return r;var
v=a<=32?Math.abs(1<<a-1):Math.pow(2,a-1);return r>=v&&(a<=32||r>v)&&(r=-2*v+r),r}function
m(r,a,e){if(0==(0|r)|0==(0|a)|0==(0|e))var i=0;else{Se[r>>2]=0,Se[r+4>>2]=a,Se[r+8>>2]=e;var i=1}var i;return
i}function S(r,a,e){if(0==(0|r)|(0|a)<0|0==(0|e))var i=0;else{Se[r>>2]=41,Se[r+4>>2]=a,Se[r+8>>2]=e;var i=1}var
i;return i}function M(r,a,e){if(0==(0|r)|0==(0|e))var i=0;else{Se[r>>2]=6,Se[r+4>>2]=a,Se[r+8>>2]=e;var i=1}var
i;return i}function C(r,a,e){if(0==(0|r)|0==(0|e))var i=0;else{Se[r>>2]=7,Se[r+4>>2]=a,Se[r+8>>2]=e;var i=1}var
i;return i}function R(r,a){var e,i=0==(0|a);do if(i)var v=0;else{var
e=(r+32|0)>>2,t=Se[e];if((0|t)>=(0|Se[r+36>>2])){var v=0;break}var f=(t<<2)+Se[r+28>>2]|0;Se[f>>2]=a;var
_=Se[e]+1|0;Se[e]=_;var v=1}while(0);var v;return v}function T(r,a){var
e,e=(r+12|0)>>2,i=Se[e],v=i+1|0;Se[e]=v;var t=Ae[i]<<24>>24==95;do if(t){var
f=i+2|0;if(Se[e]=f,Ae[v]<<24>>24!=90){var _=0;break}var s=O(r,a),_s} else var _=0;while(0);var _;return
_}function O(r,a){var e=r+12|0,i=Ae[Se[e>>2]];r:do if(i<<24>>24==71||i<<24>>24==84)var v=Tr(r),t=v;else{var
f=Ar(r),_=0==(0|f)|0==(0|a);do if(!_){if(0!=(1&Se[r+8>>2]|0))break;var s=Me[f>>2],n=(s-25|0)>>>0<3;a:do
if(n)for(var o=f;){var o,l=Me[o+4>>2],b=Me[l>>2];if((b-25|0)>>>0>=3){var k=l,u=b;break a}var o=l} else var
k=f,u=s;while(0);var u,k;if(2!=(0|u)){var t=k;break r}var c=k+8|0,h=Me[c>>2],d=(Se[h>>2]-25|0)>>>0<3;a:do
if(d)for(var w=h;){var w,p=Me[w+4>>2];if((Se[p>>2]-25|0)>>>0>=3){var E=p;break a}var w=p} else var
E=h;while(0);var E;Se[c>>2]=E;var t=k;break r} while(0);var
A=Ae[Se[e>>2]];if(A<<24>>24==0||A<<24>>24==69){var t=f;break}var
g=Or(f),y=Sr(r,g),m=D(r,3,f,y),t=m} while(0);var t;return t}function N(r){var a,e,i=Oe;Oe+=4;var
v=i,e=v>>2,a=(r+12|0)>>2,t=Me[a],f=Ae[t],_=f<<24>>24;r:do
if(f<<24>>24==114||f<<24>>24==86||f<<24>>24==75){var s=I(r,v,0);if(0==(0|s)){var n=0;break}var
o=N(r);Se[s>>2]=o;var l=Se[e],b=R(r,l);if(0==(0|b)){var n=0;break}var
n=Se[e]} else{do{if(97==(0|_)||98==(0|_)||99==(0|_)||100==(0|_)||101==(0|_)||102==(0|_)||103==(0|_)||104==(0|_)||10
5==(0|_)||106==(0|_)||108==(0|_)||109==(0|_)||110==(0|_)||111==(0|_)||115==(0|_)||116==(0|_)||118==(0|_)||119==(0|
_)||120==(0|_)||121==(0|_)||122==(0|_){var k=ai+20*(_-97)|0,u=P(r,k);Se[e]=u;var
c=r+48|0,h=Se[c>>2]+Se[Se[u+4>>2]+4>>2]|0;Se[c>>2]=h;var d=Se[a+1|0];Se[a]=d;var n=u;break
r}if(117==(0|_)){Se[a]=t+1|0;var w=L(r),p=D(r,34,w,0);Se[e]=p;var E=p} else if(70==(0|_)){var
A=F(r);Se[e]=A;var E=A} else
if(48==(0|_)||49==(0|_)||50==(0|_)||51==(0|_)||52==(0|_)||53==(0|_)||54==(0|_)||55==(0|_)||56==(0|_)||57==(0|_)||78=
=(0|_)||90==(0|_){var g=X(r);Se[e]=g;var E=g} else if(65==(0|_){var y=j(r);Se[e]=y;var E=y} else

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if(77==(0|_)){var m=U(r);Se[e]=m;var E=m}else if(84==(0|_)){var
S=x(r);if(Se[e]=S,Ae[Se[a]]<<24>>24!=73){var E=S;break}var M=R(r,S);if(0==(0|M)){var n=0;break r}var
C=Se[e],T=z(r),O=D(r,4,C,T);Se[e]=O;var E=O}else if(83==(0|_)){var B=ge[t+1|0];if((B-
48&255&255)<10|B<<24>>24==95|(B-65&255&255)<26){var
H=V(r,0);if(Se[e]=H,Ae[Se[a]]<<24>>24!=73){var n=H;break r}var K=z(r),Y=D(r,4,H,K);Se[e]=Y;var
E=Y}else{var G=X(r);if(Se[e]=G,0==(0|G)){var E=0;break}if(21==(0|Se[G>>2])){var n=G;break r}var E=G}}else
if(80==(0|_)){Se[a]=t+1|0;var W=N(r),Z=D(r,29,W,0);Se[e]=Z;var E=Z}else if(82==(0|_)){Se[a]=t+1|0;var
Q=N(r),q=D(r,30,Q,0);Se[e]=q;var E=q}else if(67==(0|_)){Se[a]=t+1|0;var $=N(r),J=D(r,31,$,0);Se[e]=J;var
E=J}else if(71==(0|_)){Se[a]=t+1|0;var rr=N(r),ar=D(r,32,rr,0);Se[e]=ar;var E=ar}else{if(85!=(0|_)){var n=0;break
r}Se[a]=t+1|0;var er=L(r);Se[e]=er;var ir=N(r),vr=Se[e],tr=D(r,28,ir,vr);Se[e]=tr;var E=tr}}while(0);var
E,fr=R(r,E);if(0==(0|fr)){var n=0;break}var n=Se[e]}while(0);var n;return Oe=i,n}function I(r,a,e){for(var
i,v=r+12|0,t=0!=(0|e),f=t?25:22,i=(r+48|0)>>2,=_t?26:23,s=t?27:24,n=a;){var
n,o=Se[v>>2],l=Ae[o];if(l<<24>>24!=114&&l<<24>>24!=86&&l<<24>>24!=75){var b=n;break}var
k=o+1|0;if(Se[v>>2]=k,l<<24>>24==114){var u=Se[i]+9|0;Se[i]=u;var c=f}else if(l<<24>>24==86){var
h=Se[i]+9|0;Se[i]=h;var c=_}else{var d=Se[i]+6|0;Se[i]=d;var c=s}var
c,w=D(r,c,0,0);if(Se[n>>2]=w,0==(0|w)){var b=0;break}var n=w+4|0}var b;return b}function P(r,a){var
e=0==(0|a);do if(e)var i=0;else{var v=J(r);if(0==(0|v)){var i=0;break}Se[v>>2]=33,Se[v+4>>2]=a;var
i=v}while(0);var i;return i}function D(r,a,e,i){var
v,t;do{if(1==(0|a)||2==(0|a)||3==(0|a)||4==(0|a)||10==(0|a)||28==(0|a)||37==(0|a)||43==(0|a)||44==(0|a)||45==(0|a)||46=
=(0|a)||47==(0|a)||48==(0|a)||49==(0|a)||50==(0|a)){if(0==(0|e)||0==(0|i)){var
f=0;t=7;break}t=5;break}if(8==(0|a)||9==(0|a)||11==(0|a)||12==(0|a)||13==(0|a)||14==(0|a)||15==(0|a)||16==(0|a)||17=
=(0|a)||18==(0|a)||19==(0|a)||20==(0|a)||29==(0|a)||30==(0|a)||31==(0|a)||32==(0|a)||34==(0|a)||38==(0|a)||39==(0|a)||4
2==(0|a){if(0==(0|e)){var f=0;t=7;break}t=5;break}if(36==(0|a)){if(0==(0|i)){var
f=0;t=7;break}t=5;break}if(35==(0|a)||22==(0|a)||23==(0|a)||24==(0|a)||25==(0|a)||26==(0|a)||27==(0|a))t=5;else{var
f=0;t=7}}while(0);do if(5==t){var _=J(r),v=_>>2;if(0==(0|_)){var f=0;break}Se[v]=a,Se[v+1]=e,Se[v+2]=i;var
f=_}while(0);var f;return f}function L(r){var a=sr(r);if((0|a)<1)var e=0;else{var i=Rr(r,a);Se[r+44>>2]=i;var
e=i}var e;return e}function F(r){var
a,a=(r+12|0)>>2,e=Se[a],i=e+1|0;if(Se[a]=i,Ae[e]<<24>>24==70){if(Ae[i]<<24>>24==89){var
v=e+2|0;Se[a]=v}var t=Sr(r,1),f=Se[a],_=f+1|0;Se[a]=_;var s=Ae[f]<<24>>24==69?t:0,n=s}else var n=0;var
n;return n}function X(r){var a=Ar(r);return a}function j(r){var a,a=(r+12|0)>>2,e=Se[a],i=e+1|0;Se[a]=i;var
v=Ae[e]<<24>>24==65;do if(v){var t=Ae[i];if(t<<24>>24==95)var f=0;else if((t-48&255&255)<10){for(var
_=:;){var _,s=_+1|0;if(Se[a]=s,(Ae[s]-48&255&255)>=10)break;var _=s}var n=s-i|0,o=lr(r,i,n);if(0==(0|o)){var
l=0;break}var f=o}else{var b=nr(r);if(0==(0|b)){var l=0;break}var f=b}var
f,k=Se[a],u=k+1|0;if(Se[a]=u,Ae[k]<<24>>24!=95){var l=0;break}var c=N(r),h=D(r,36,f,c),l=h}else var
l=0;while(0);var l;return l}function U(r){var a=Oe;Oe+=4;var e=a,i=r+12|0,v=Se[i>>2],t=v+1|0;Se[i>>2]=t;var
f=Ae[v]<<24>>24==77;r:do if(f){var _=N(r),s=I(r,e,1);if(0==(0|s)){var n=0;break}var o=N(r);Se[s>>2]=o;var
l=(0|s)==(0|e);do if(!l){if(35==(0|Se[o>>2]))break;var b=Se[e>>2],k=R(r,b);if(0==(0|k)){var n=0;break
r}}while(0);var u=Se[e>>2],c=D(r,37,_,u),n=c}else var n=0;while(0);var n;return Oe=a,n}function x(r){var
a,a=(r+12|0)>>2,e=Se[a],i=e+1|0;Se[a]=i;var v=Ae[e]<<24>>24==84;do if(v){if(Ae[i]<<24>>24==95)var
t=0,f=i;else{var _=sr(r);if((0|_)<0){var s=0;break}var t=_+1|0,f=Se[a]}var
f,t;if(Se[a]=f+1|0,Ae[f]<<24>>24!=95){var s=0;break}var n=r+40|0,o=Se[n>>2]+1|0;Se[n>>2]=o;var
l=Er(r,t),s=l}else var s=0;while(0);var s;return s}function z(r){var a,e=Oe;Oe+=4;var
i=e,v=r+44|0,t=Se[v>>2],a=(r+12|0)>>2,f=Se[a],_=f+1|0;Se[a]=_;var s=Ae[f]<<24>>24==73;r:do
if(s){Se[i>>2]=0;for(var n=:;){var n,o=_r(r);if(0==(0|o)){var l=0;break r}var
b=D(r,39,o,0);if(Se[n>>2]=b,0==(0|b)){var l=0;break r}var k=Se[a];if(Ae[k]<<24>>24==69)break;var n=b+8|0}var
u=k+1|0;Se[a]=u,Se[v>>2]=t;var l=Se[i>>2]}else var l=0;while(0);var l;return Oe=e,l}function V(r,a){var
e,e=(r+12|0)>>2,i=Se[e],v=i+1|0;Se[e]=v;var t=Ae[i]<<24>>24==83;r:do if(t){var f=i+2|0;Se[e]=f;var
_=ge[v];if(_<<24>>24==95)var s=0;else{if(!((_ -48&255&255)<10|(_ -65&255&255)<26)){var

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n=8&Se[r+8>>2],o=n>>>3,l=0!=(0|n)|0==(0|a);do if(1)var b=o;else{ if((Ae[f]-67&255&255)>=2){ var
b=o;break }var b=1 }while(0);for(var b,k=0|ei;){ var k;if(k>>>0>=(ei+196|0)>>>0){ var u=0;break
r}if(<<<24>>>24==Ae[0|k]<<<24>>>24)break;var k=k+28|0 }var c=Se[k+20>>>2];if(0!=(0|c)){ var
h=Se[k+24>>>2],d=fr(r,c,h);Se[r+44>>>2]=d}if(0==(0|b))var w=k+8|0,p=k+4|0;else var w=k+16|0,p=k+12|0;var
p,w,E=Se[w>>>2],A=Se[p>>>2],g=r+48|0,y=Se[g>>>2]+E|0;Se[g>>>2]=y;var m=fr(r,A,E),u=m;break }for(var
S=_,M=0,C=f;){ var C,M,S;if((S-48&255&255)<10)var R=36*M-48|0;else{ if((S-65&255&255)>=26){ var
u=0;break r }var R=36*M-55|0 }var R,T=(S<<<24>>>24)+R|0;if((0|T)<0){ var u=0;break r }var O=C+1|0;Se[e]=O;var
N=ge[C];if(N<<<24>>>24==95)break;var S=N,M=T,C=O }var s=T+1|0 }var s;if((0|s)>=(0|Se[r+32>>>2])){ var
u=0;break }var I=r+40|0,P=Se[I>>>2]+1|0;Se[I>>>2]=P;var u=Se[Se[r+28>>>2]+(s<<<2)>>>2]}else var u=0;while(0);var
u;return u }function B(r,a,e,i){ var v,t,f,_,s=Oe;Oe+=28;var n,o=s,_,o>>2;Se[_]=r;var
l=e+1|0,f=(o+12|0)>>>2;Se[f]=1;var b=Jr(1),t=(o+4|0)>>>2;if(Se[t]=b,0==(0|b))var k=0,u=1;else{ var
v=(o+8|0)>>>2;Se[v]=0,Se[_+4]=0,Se[_+5]=0;var c=o+24|0;Se[c>>>2]=0,H(o,a);var
h=Me[t],d=0==(0|h);do{ if(!d){ var
w=Me[v];if(w>>>0>=Me[f]>>>0){ n=5;break }Se[v]=w+1|0,Ae[h+w|0]=0,n=6;break }n=5 }while(0);5==n&&Y(o,0)
;var p=Se[t],E=0==(0|p)?Se[c>>>2]:Se[f],k=p,u=E }var u,k;return Se[i>>>2]=u,Oe=s,k }function H(r,a){ var
e,i,v,t,f,_,s,n,o,l,b,k,u,c,h,d,w,p,E,A,g,y,m,S,M,C,R,T,O,N,I,P,D,L,F,X,j,U,x,z,V,B,K,G,W,J,vr,tr,fr,_,sr,nr,or,lr,br,k
r,ur,cr,hr,dr,wr,pr=a>>>2,Er=r>>>2,Ar=Oe;Oe+=184;var
gr,yr=Ar,wr=yr>>>2,mr=Ar+64,dr=mr>>>2,Sr=Ar+72,Mr=Ar+88,Cr=Ar+104,hr=Cr>>>2,Rr=Ar+168,Tr=0==(0|a);r:d
o if(Tr)Z(r);else{ var cr=(r+4|0)>>>2,Or=Me[cr];if(0==(0|Or))break;var
Nr=0|a,Ir=Me[Nr>>>2];a:do{ if(0==(0|Ir)){ if(0!=(4&Se[Er|0])}{ var Pr=Se[pr+1],Dr=Se[pr+2];q(r,Pr,Dr);break r }var
ur=(r+8|0)>>>2,Lr=Me[ur],Fr=a+8|0,Xr=Me[Fr>>>2];if((Xr+Lr|0)>>>0>Me[Er+3]>>>0){ var
jr=Se[pr+1];Q(r,jr,Xr);break r }var Ur=Or+Lr|0,xr=Se[pr+1];Pa(Ur,xr,Xr,1);var
zr=Se[ur]+Se[Fr>>>2]|0;Se[ur]=zr;break r }if(1==(0|Ir)||2==(0|Ir)){ var Vr=Se[pr+1];H(r,Vr);var
Br=0==(4&Se[Er|0]),Hr=Me[cr],Kr=0!=(0|Hr);e:do if(Br){ do if(Kr){ var
kr=(r+8|0)>>>2,Yr=Me[kr];if((Yr+2|0)>>>0>Me[Er+3]>>>0)break;var
Gr=Hr+Yr|0;oe=14906,Ae[Gr]=255&oe,oe>>>8,Ae[Gr+1]=255&oe;var Wr=Se[kr]+2|0;Se[kr]=Wr;break
e }while(0);Q(r,0|He. __str120,2)}else{ do if(Kr){ var
Zr=r+8|0,Qr=Me[Zr>>>2];if(Qr>>>0>=Me[Er+3]>>>0)break;Se[Zr>>>2]=Qr+1|0,Ae[Hr+Qr|0]=46;break
e }while(0);Y(r,46)}while(0);var qr=Se[pr+2];H(r,qr);break r }if(3==(0|Ir)){ for(var
br=(r+20|0)>>>2,$r=Me[br],lr=(r+16|0)>>>2,Jr=a,ra=0,aa=$r;){ var aa,ra,Jr,ea=Me[Jr+4>>>2];if(0==(0|ea)){ var
ia=ra,va=0;gr=33;break }if(ra>>>0>3){ Z(r);break r }var
ta=(ra<<<4)+yr|0;Se[ta>>>2]=aa,Se[br]=ta,Se[((ra<<<4)+4>>>2)+wr]=ea,Se[((ra<<<4)+8>>>2)+wr]=0;var
fa=Me[lr];Se[((ra<<<4)+12>>>2)+wr]=fa;var _a=ra+1|0,sa=0|ea,na=Me[sa>>>2];if((na-
25|0)>>>0>=3){ gr=25;break }var Jr=ea,ra=_a,aa=ta }e:do
if(25==gr){ if(4==(0|na)){ Se[dr]=fa,Se[lr]=mr,Se[dr+1]=ea;var oa=Se[sa>>>2],la=mr }else var oa=na,la=fa;var
la,oa;if(2!=(0|oa)){ var ia=_a,va=sa;break }for(var ba=_a,ka=ea+8|0;){ var ka,ba,ua=Me[ka>>>2];if((Se[ua>>>2]-
25|0)>>>0>=3){ var ia=ba,va=sa;break e }if(ba>>>0>3)break;var ca=(ba<<<4)+yr|0,ha=ba-
1|0,da=(ha<<<4)+yr|0,or=ca>>>2,nr=da>>>2;Se[or]=Se[nr],Se[or+1]=Se[nr+1],Se[or+2]=Se[nr+2],Se[or+3]=Se[nr+3],
Se[ca>>>2]=da,Se[br]=ca,Se[((ha<<<4)+4>>>2)+wr]=ua,Se[((ha<<<4)+8>>>2)+wr]=0,Se[((ha<<<4)+12>>>2)+wr]=la;var
ba=ba+1|0,ka=ua+4|0 }Z(r);break r }while(0);var va,ia,wa=Se[pr+2];if(H(r,wa),4==(0|Se[va>>>2])){ var
pa=Se[dr];Se[lr]=pa }var Ea=0==(0|ia);e:do if(!Ea)for(var Aa=r+8|0,ga=r+12|0,ya=ia;){ var ya,ma=ya-
1|0;if(0==(0|Se[((ma<<<4)+8>>>2)+wr])){ var Sa=Me[cr],Ma=0==(0|Sa);do{ if(!Ma){ var
Ca=Me[Aa>>>2];if(Ca>>>0>=Me[ga>>>2]>>>0){ gr=41;break }Se[Aa>>>2]=Ca+1|0,Ae[Sa+Ca|0]=32,gr=42;break }gr
=41 }while(0);41==gr&&Y(r,32);var Ra=Se[((ma<<<4)+4>>>2)+wr];$(r,Ra)}if(0==(0|ma))break e;var
ya=ma }while(0);Se[br]=$r;break r }if(4==(0|lr)){ var sr=(r+20|0)>>>2,Ta=Se[sr];Se[sr]=0;var
Oa=Se[pr+1];H(r,Oa);var Na=Me[cr],Ia=0==(0|Na);do{ if(!Ia){ var _r=(r+8|0)>>>2,Da=Me[_r],La=0==(0|Da);do
if(!La){ if(Ae[Na+(Da-
1)|0]<<<24>>>24!=60)break;Da>>>0<Me[Er+3]>>>0?(Se[_r]=Da+1|0,Ae[Na+Da|0]=32):Y(r,32)}while(0);var

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Fa=Me[cr];if(0==(0|Fa)){gr=54;break}var
Xa=Me[_r];if(Xa>>>0>=Me[Er+3]>>>0){gr=54;break}Se[_r]=Xa+1|0,Ae[Fa+Xa|0]=60,gr=55;break}gr=54}while(
0);54==gr&&Y(r,60);var ja=Se[pr+2];H(r,ja);var Ua=Me[cr],xa=0==(0|Ua);do{if(!xa){var
fr=(r+8|0)>>2,za=Me[fr],Va=0==(0|za);do{if(!Va){if(Ae[Ua+(za-
1)|0]<<24>>24|=62)break;za>>>0<Me[Er+3]>>>0?(Se[fr]=za+1|0,Ae[Ua+za|0]=32):Y(r,32)}while(0);var
Ba=Me[cr];if(0==(0|Ba)){gr=64;break}var
Ha=Me[fr];if(Ha>>>0>=Me[Er+3]>>>0){gr=64;break}Se[fr]=Ha+1|0,Ae[Ba+Ha|0]=62,gr=65;break}gr=64}while(
0);64==gr&&Y(r,62),Se[sr]=Ta;break r}if(5==(0|Ir)){var tr=(r+16|0)>>2,Ka=Me[tr];if(0==(0|Ka)){Z(r);break
r}for(var Ya=Se[pr+1],Ga=Se[Ka+4>>2];){var
Ga,Ya,Wa=Se[Ga+8>>2];if(0==(0|Wa))break;if(39!=(0|Se[Wa>>2])){Z(r);break
r}if((0|Ya)<1){if(0!=(0|Ya))break;var Za=Se[Ka>>2];Se[tr]=Za;var Qa=Se[Wa+4>>2];H(r,Qa),Se[tr]=Ka;break
r}var Ya=Ya-1|0,Ga=Wa|Z(r);break r}if(6==(0|Ir)){var qa=Se[pr+2];H(r,qa);break r}if(7==(0|Ir)){var
$a=r+8|0,Ja=Me[$a>>2];Ja>>>0<Me[Er+3]>>>0?(Se[$a>>2]=Ja+1|0,Ae[Or+Ja|0]=126):Y(r,126);var
re=Se[pr+2];H(r,re);break r}if(8==(0|Ir)){var
vr=(r+8|0)>>2,ae=Me[vr];if((ae+11|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str121,11);else{for(var
ee=Or+ae|0,ie=0|He.__str121,ve=ee,te=ie+11;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var fe=Se[vr]+11|0;Se[vr]=fe}var
_e=Se[pr+1];H(r,_e);break r}if(9==(0|Ir)){var
J=(r+8|0)>>2,se=Me[J];if((se+8|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str122,8);else{var
ne=Or+se|0,le=0|ne;oe=542397526,Ae[le]=255&oe,oe>>=8,Ae[le+1]=255&oe,oe>>=8,Ae[le+2]=255&oe,oe>>=8,
Ae[le+3]=255&oe;var
be=ne+4|0;oe=544370534,Ae[be]=255&oe,oe>>=8,Ae[be+1]=255&oe,oe>>=8,Ae[be+2]=255&oe,oe>>=8,Ae[be+
3]=255&oe;var ke=Se[J]+8|0;Se[J]=ke}var ue=Se[pr+1];H(r,ue);break r}if(10==(0|Ir)){var
W=(r+8|0)>>2,ce=Me[W],he=r+12|0;if((ce+24|0)>>>0>Me[he>>2]>>>0)Q(r,0|He.__str123,24);else{var
de=Or+ce|0;Pa(de,0|He.__str123,24,1);var we=Se[W]+24|0;Se[W]=we}var pe=Se[pr+1];H(r,pe);var
Ee=Me[cr],ge=0==(0|Ee);do{if(!ge){var ye=Me[W];if((ye+4|0)>>>0>Me[he>>2]>>>0){gr=96;break}var
me=Ee+ye|0;oe=762210605,Ae[me]=255&oe,oe>>=8,Ae[me+1]=255&oe,oe>>=8,Ae[me+2]=255&oe,oe>>=8,Ae[
me+3]=255&oe;var Ce=Se[W]+4|0;Se[W]=Ce,gr=97;break}gr=96}while(0);96==gr&&Q(r,0|He.__str124,4);var
Re=Se[pr+2];H(r,Re);break r}if(11==(0|Ir)){var
G=(r+8|0)>>2,Te=Me[G];if((Te+13|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str125,13);else{for(var
Ne=Or+Te|0,ie=0|He.__str125,ve=Ne,te=ie+13;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var Ie=Se[G]+13|0;Se[G]=Ie}var
Pe=Se[pr+1];H(r,Pe);break r}if(12==(0|Ir)){var
K=(r+8|0)>>2,De=Me[K];if((De+18|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str126,18);else{for(var
Le=Or+De|0,ie=0|He.__str126,ve=Le,te=ie+18;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var Fe=Se[K]+18|0;Se[K]=Fe}var
Xe=Se[pr+1];H(r,Xe);break r}if(13==(0|Ir)){var
B=(r+8|0)>>2,je=Me[B];if((je+16|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str127,16);else{for(var
Ue=Or+je|0,ie=0|He.__str127,ve=Ue,te=ie+16;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var xe=Se[B]+16|0;Se[B]=xe}var
ze=Se[pr+1];H(r,ze);break r}if(14==(0|Ir)){var
V=(r+8|0)>>2,Ve=Me[V];if((Ve+21|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str128,21);else{var
Be=Or+Ve|0;Pa(Be,0|He.__str128,21,1);var Ke=Se[V]+21|0;Se[V]=Ke}var Ye=Se[pr+1];H(r,Ye);break
r}if(15==(0|Ir)){var z=(r+8|0)>>2,Ge=Me[z];if((Ge+17|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str129,17);else{for(var
We=Or+Ge|0,ie=0|He.__str129,ve=We,te=ie+17;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var Ze=Se[z]+17|0;Se[z]=Ze}var
Qe=Se[pr+1];H(r,Qe);break r}if(16==(0|Ir)){var
x=(r+8|0)>>2,qe=Me[x];if((qe+26|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str130,26);else{var
$e=Or+qe|0;Pa($e,0|He.__str130,26,1);var Je=Se[x]+26|0;Se[x]=Je}var ri=Se[pr+1];H(r,ri);break
r}if(17==(0|Ir)){var U=(r+8|0)>>2,ai=Me[U];if((ai+15|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str131,15);else{for(var
ei=Or+ai|0,ie=0|He.__str131,ve=ei,te=ie+15;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var ii=Se[U]+15|0;Se[U]=ii}var
vi=Se[pr+1];H(r,vi);break r}if(18==(0|Ir)){var
j=(r+8|0)>>2,ti=Me[j];if((ti+19|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str132,19);else{for(var

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fi=Or+ti|0,ie=0|He.__str132,ve=fi,te=ie+19;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var _i=Se[j]+19|0;Se[j]=_i} var
si=Se[pr+1];H(r,si);break r}if(19==(0|Ir)){ var
X=(r+8|0)>>>2,ni=Me[X];if((ni+24|0)>>>>0>Me[Er+3]>>>>0)Q(r,0|He.__str133,24);else{ var
oi=Or+ni|0;Pa(oi,0|He.__str133,24,1);var li=Se[X]+24|0;Se[X]=li} var bi=Se[pr+1];H(r,bi);break
r}if(20==(0|Ir)){ var F=(r+8|0)>>>2,ki=Me[F];if((ki+17|0)>>>>0>Me[Er+3]>>>>0)Q(r,0|He.__str134,17);else{ for(var
ui=Or+ki|0,ie=0|He.__str134,ve=ui,te=ie+17;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var ci=Se[F]+17|0;Se[F]=ci} var
hi=Se[pr+1];H(r,hi);break r}if(21==(0|Ir)){ var
L=(r+8|0)>>>2,di=Me[L],wi=a+8|0,pi=Me[wi>>2];if((pi+di|0)>>>>0>Me[Er+3]>>>>0){ var
Ei=Se[pr+1];Q(r,Ei,pi);break r} var Ai=Or+di|0,gi=Se[pr+1];Pa(Ai,gi,pi,1);var
yi=Se[L]+Se[wi>>2]|0;Se[L]=yi;break r}if(22==(0|Ir)||23==(0|Ir)||24==(0|Ir)){ for(var mi=r+20|0;){ var
mi,Si=Me[mi>>2];if(0==(0|Si))break a;if(0==(0|Se[Si+8>>2])){ var Mi=Me[Se[Si+4>>2]>>2];if((Mi-
22|0)>>>>0>=3)break a;if((0|Mi)==(0|Ir))break} var mi=0|Si} var Ci=Se[pr+1];H(r,Ci);break
r}if(25!=(0|Ir)&&26!=(0|Ir)&&27!=(0|Ir)&&28!=(0|Ir)&&29!=(0|Ir)&&30!=(0|Ir)&&31!=(0|Ir)&&32!=(0|Ir)){ if(3
3==(0|Ir)){ var D=(r+8|0)>>>2,Ri=Me[D],P=(a+4|0)>>>2,I=Me[P]>>>2;if(0==(4&Se[Er]|0)){ var
Ti=Me[I+1];if((Ti+Ri|0)>>>>0>Me[Er+3]>>>>0){ var Oi=Se[I];Q(r,Oi,Ti);break r} var
Ni=Or+Ri|0,Ii=Se[I];Pa(Ni,Ii,Ti,1);var Pi=Se[D]+Se[Se[P]+4>>2]|0;Se[D]=Pi;break r} var
Di=Me[I+3];if((Di+Ri|0)>>>>0>Me[Er+3]>>>>0){ var Li=Se[I+2];Q(r,Li,Di);break r} var
Fi=Or+Ri|0,Xi=Se[I+2];Pa(Fi,Xi,Di,1);var ji=Se[D]+Se[Se[P]+12>>2]|0;Se[D]=ji;break r}if(34==(0|Ir)){ var
Ui=Se[pr+1];H(r,Ui);break r}if(35==(0|Ir)){ var N=(0|r)>>>2;if(0!=(32&Se[N]|0)){ var xi=Se[Er+5];rr(r,a,xi)} var
zi=a+4|0,Vi=0==(0|Se[zi>>2]);e:do if(!Vi){ var
O=(r+20|0)>>>2,Bi=Se[O],Hi=0|Mr;Se[Hi>>2]=Bi,Se[O]=Mr,Se[Mr+4>>2]=a;var Ki=Mr+8|0;Se[Ki>>2]=0;var
Yi=Se[Er+4];Se[Mr+12>>2]=Yi;var Gi=Se[zi>>2];H(r,Gi);var
Wi=Se[Hi>>2];if(Se[O]=Wi,0!=(0|Se[Ki>>2]))break r;if(0!=(32&Se[N]|0))break;var Zi=Me[cr],Qi=0==(0|Zi);do
if(!Qi){ var qi=r+8|0,$i=Me[qi>>2];if($i>>>>0>=Me[Er+3]>>>>0)break;Se[qi>>2]=$i+1|0,Ae[Zi+$i|0]=32;break
e} while(0);Y(r,32)} while(0);if(0!=(32&Se[N]|0))break r;var Ji=Se[Er+5];rr(r,a,Ji);break r}if(36==(0|Ir)){ var
T=(r+20|0)>>>2,rv=Me[T],av=0|Cr;Se[hr]=rv,Se[T]=av,Se[hr+1]=a;var ev=Cr+8|0;Se[ev>>2]=0;var
iv=Se[Er+4];Se[hr+3]=iv;for(var vv=rv,tv=1;){ var tv,vv;if(0==(0|vv))break;if((Se[Se[vv+4>>2]>>2]-
22|0)>>>>0>=3)break;var fv=vv+8|0;if(0==(0|Se[fv>>2])){ if(tv>>>>0>3){ Z(r);break r} var
_v=(tv<<4)+Cr|0,R=_v>>>2,C=vv>>2;Se[R]=Se[C],Se[R+1]=Se[C+1],Se[R+2]=Se[C+2],Se[R+3]=Se[C+3];var
sv=Se[T];Se[_v>>2]=sv,Se[T]=_v,Se[fv>>2]=1;var nv=tv+1|0} else var nv=tv;var nv,vv=Se[vv>>2],tv=nv} var
ov=Se[pr+2];if(H(r,ov),Se[T]=rv,0!=(0|Se[ev>>2]))break r;if(tv>>>>0>1){ for(var lv=tv;){ var lv,bv=lv-
1|0,kv=Se[((bv<<4)+4>>2)+hr];if($ (r,kv),bv>>>>0<=1)break;var lv=bv} var uv=Se[T]} else var uv=rv;var
uv;ar(r,a,uv);break r}if(37==(0|Ir)){ var
M=(r+20|0)>>>2,cv=Se[M],hv=0|Rr;Se[hv>>2]=cv,Se[M]=Rr,Se[Rr+4>>2]=a;var dv=Rr+8|0;Se[dv>>2]=0;var
wv=Se[Er+4];Se[Rr+12>>2]=wv;var pv=a+4|0,Ev=Se[pr+2];H(r,Ev);var Av=0==(0|Se[dv>>2]);e:do if(Av){ var
gv=Me[cr],yv=0==(0|gv);do{ if(!yv){ var
mv=r+8|0,Sv=Me[mv>>2];if(Sv>>>>0>=Me[Er+3]>>>>0){ gr=187;break} Se[mv>>2]=Sv+1|0,Ae[gv+Sv|0]=32,gr=18
8;break} gr=187} while(0);187==gr&&Y(r,32);var Mv=Se[pv>>2];H(r,Mv);var Cv=Me[cr],Rv=0==(0|Cv);do
if(!Rv){ var S=(r+8|0)>>>2,Tv=Me[S];if((Tv+3|0)>>>>0>Me[Er+3]>>>>0)break;var
Ov=Cv+Tv|0;Ae[Ov]=Ae[0|He.__str135],Ae[Ov+1]=Ae[(0|He.__str135)+1],Ae[Ov+2]=Ae[(0|He.__str135)+2];var
Nv=Se[S]+3|0;Se[S]=Nv;break e} while(0);Q(r,0|He.__str135,3)} while(0);var Iv=Se[hv>>2];Se[M]=Iv;break
r}if(38==(0|Ir)||39==(0|Ir)){ var Pv=Se[pr+1];H(r,Pv);var Dv=a+8|0;if(0==(0|Se[Dv>>2]))break r;var
Lv=Me[cr],Fv=0==(0|Lv);do{ if(!Fv){ var
m=(r+8|0)>>>2,Xv=Me[m];if((Xv+2|0)>>>>0>Me[Er+3]>>>>0){ gr=197;break} var
jv=Lv+Xv|0;oe=8236,Ae[jv]=255&oe,oe>>=8,Ae[jv+1]=255&oe;var
Uv=Se[m]+2|0;Se[m]=Uv,gr=198;break} gr=197} while(0);197==gr&&Q(r,0|He.__str136,2);var
xv=Se[Dv>>2];H(r,xv);break r}if(40==(0|Ir)){ var
y=(r+8|0)>>>2,zv=Me[y],g=(r+12|0)>>>2;if((zv+8|0)>>>>0>Me[g]>>>>0)Q(r,0|He.__str137,8);else{ var

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Vv=Or+zv|0,le=0|Vv;oe=1919250543,Ae[le]=255&oe,oe>>=8,Ae[le+1]=255&oe,oe>>=8,Ae[le+2]=255&oe,oe>>=8,Ae[le+3]=255&oe;var
be=Vv+4|0;oe=1919906913,Ae[be]=255&oe,oe>>=8,Ae[be+1]=255&oe,oe>>=8,Ae[be+2]=255&oe,oe>>=8,Ae[be+3]=255&oe;var Bv=Se[y]+8|0;Se[y]=Bv}var A=(a+4|0)>>2,Hv=(Ae[Se[Se[A]+4>>2]]-97&255&255)<26;e:do
if(Hv){var Kv=Me[cr],Yv=0==(0|Kv);do if(!Yv){var
Gv=Me[y];if(Gv>>>0>=Me[g]>>>0)break;Se[y]=Gv+1|0,Ae[Kv+Gv|0]=32;break e}while(0);Y(r,32)}while(0);var
Wv=Me[cr],Zv=0==(0|Wv);do{if(!Zv){var
Qv=Me[y],qv=Me[A],$v=Me[qv+8>>2];if(($v+Qv|0)>>>0>Me[g]>>>0){var Jv=qv,rt=$v;break}var
at=Wv+Qv|0,et=Se[qv+4>>2];Pa(at,et,$v,1);var it=Se[y]+Se[Se[A]+8>>2]|0;Se[y]=it;break r}var
vt=Me[A],Jv=vt,rt=Se[vt+8>>2]}while(0);var rt,Jv,tt=Se[Jv+4>>2];Q(r,tt,rt);break r}if(41==(0|Ir)){var
E=(r+8|0)>>2,ft=Me[E];if((ft+9|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str10180,9);else{for(var
_t=Or+ft|0,ie=0|He.__str10180,ve=_t,te=ie+9;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var st=Se[E]+9|0;Se[E]=st}var
nt=Se[pr+2];H(r,nt);break r}if(42==(0|Ir)){var
p=(r+8|0)>>2,ot=Me[p];if((ot+9|0)>>>0>Me[Er+3]>>>0)Q(r,0|He.__str10180,9);else{for(var
lt=Or+ot|0,ie=0|He.__str10180,ve=lt,te=ie+9;ie<te;ie++,ve++)Ae[ve]=Ae[ie];var
bt=Se[p]+9|0;Se[p]=bt}er(r,a);break r}if(43==(0|Ir)){var kt=a+4|0,ut=Se[kt>>2],ct=42==(0|Se[ut>>2]);e:do
if(ct){var w=(r+8|0)>>2,ht=Me[w],dt=r+12|0;ht>>>0<Me[dt>>2]>>>0?(Se[w]=ht+1|0,Ae[Or+ht|0]=40):Y(r,40);var
wt=Se[kt>>2];er(r,wt);var pt=Me[cr],Et=0==(0|pt);do if(!Et){var
At=Me[w];if(At>>>0>=Me[dt>>2]>>>0)break;Se[w]=At+1|0,Ae[pt+At|0]=41;break e}while(0);Y(r,41)}else
ir(r,ut);while(0);var gt=Me[cr],yt=0==(0|gt);do{if(!yt){var
mt=r+8|0,St=Me[mt>>2];if(St>>>0>=Me[Er+3]>>>0){gr=232;break}Se[mt>>2]=St+1|0,Ae[gt+St|0]=40,gr=233;br
eak}gr=232}while(0);232==gr&&Y(r,40);var Mt=Se[pr+2];H(r,Mt);var Ct=Me[cr],Rt=0==(0|Ct);do if(!Rt){var
Tt=r+8|0,Ot=Me[Tt>>2];if(Ot>>>0>=Me[Er+3]>>>0)break;Se[Tt>>2]=Ot+1|0,Ae[Ct+Ot|0]=41;break
r}while(0);Y(r,41);break r}if(44==(0|Ir)){var d=(a+8|0)>>2;if(45==(0|Se[Se[d]>>2])){var
h=(a+4|0)>>2,Nt=Se[h],It=40==(0|Se[Nt>>2]);do if(It){var
Pt=Se[Nt+4>>2];if(1!=(0|Se[Pt+8>>2]))break;if(Ae[Se[Pt+4>>2]]<<24>>24!=62)break;var
Dt=r+8|0,Lt=Me[Dt>>2];Lt>>>0<Me[Er+3]>>>0?(Se[Dt>>2]=Lt+1|0,Ae[Or+Lt|0]=40):Y(r,40)}while(0);var
Ft=Me[cr],Xt=0==(0|Ft);do{if(!Xt){var
jt=r+8|0,Ut=Me[jt>>2];if(Ut>>>0>=Me[Er+3]>>>0){gr=248;break}Se[jt>>2]=Ut+1|0,Ae[Ft+Ut|0]=40,gr=249;bre
ak}gr=248}while(0);248==gr&&Y(r,40);var xt=Se[Se[d]+4>>2];H(r,xt);var zt=Me[cr],Vt=0==(0|zt);do{if(!Vt){var
c=(r+8|0)>>2,Bt=Me[c];if((Bt+2|0)>>>0>Me[Er+3]>>>0){gr=252;break}var
Ht=zt+Bt|0;oe=8233,Ae[Ht]=255&oe,oe>>=8,Ae[Ht+1]=255&oe;var
Kt=Se[c]+2|0;Se[c]=Kt,gr=253;break}gr=252}while(0);252==gr&&Q(r,0|He.__str139,2);var Yt=Se[h];ir(r,Yt);var
Gt=Me[cr],Wt=0==(0|Gt);do{if(!Wt){var
u=(r+8|0)>>2,Zt=Me[u];if((Zt+2|0)>>>0>Me[Er+3]>>>0){gr=256;break}var
Qt=Gt+Zt|0;oe=10272,Ae[Qt]=255&oe,oe>>=8,Ae[Qt+1]=255&oe;var
qt=Se[u]+2|0;Se[u]=qt,gr=257;break}gr=256}while(0);256==gr&&Q(r,0|He.__str140,2);var
$t=Se[Se[d]+8>>2];H(r,$t);var Jt=Me[cr],rf=0==(0|Jt);do{if(!rf){var
af=r+8|0,ef=Me[af>>2];if(ef>>>0>=Me[Er+3]>>>0){gr=260;break}Se[af>>2]=ef+1|0,Ae[Jt+ef|0]=41,gr=261;bre
ak}gr=260}while(0);260==gr&&Y(r,41);var vf=Se[h];if(40!=(0|Se[vf>>2]))break r;var
tf=Se[vf+4>>2];if(1!=(0|Se[tf+8>>2]))break r;if(Ae[Se[tf+4>>2]]<<24>>24!=62)break r;var
ff=Me[cr],_f=0==(0|ff);do if(!_f){var
sf=r+8|0,nf=Me[sf>>2];if(nf>>>0>=Me[Er+3]>>>0)break;Se[sf>>2]=nf+1|0,Ae[ff+nf|0]=41;break
r}while(0);Y(r,41);break r}Z(r);break r}if(45==(0|Ir)){Z(r);break r}if(46==(0|Ir)){var
of=a+4|0,k=(a+8|0)>>2,lf=Se[k],bf=47==(0|Se[lf>>2]);do if(bf){if(48!=(0|Se[Se[lf+8>>2]>>2]))break;var
b=(r+8|0)>>2,kf=Me[b],l=(r+12|0)>>2;kf>>>0<Me[l]>>>0?(Se[b]=kf+1|0,Ae[Or+kf|0]=40):Y(r,40);var
uf=Se[Se[k]+4>>2];H(r,uf);var cf=Me[cr],hf=0==(0|cf);do{if(!hf){var
df=Me[b];if((df+2|0)>>>0>Me[l]>>>0){gr=278;break}var

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wf=cf+df[0;oe=8233,Ae[wf]=255&oe,oe>>=8,Ae[wf+1]=255&oe;var
pf=Se[b]+2[0;Se[b]=pf,gr=279;break }gr=278 } while(0);278==gr&&Q(r,0|He.__str139,2);var
Ef=Se[of>>2];ir(r,Ef);var Af=Me[cr],gf=0==(0|Af);do {if(!gf){ var
yf=Me[b];if((yf+2[0]>>>0>Me[l]>>>0){gr=282;break }var
mf=Af+yf[0;oe=10272,Ae[mf]=255&oe,oe>>=8,Ae[mf+1]=255&oe;var
Sf=Se[b]+2[0;Se[b]=Sf,gr=283;break }gr=282 } while(0);282==gr&&Q(r,0|He.__str140,2);var
Mf=Se[Se[Se[k]+8>>2]+4>>2];H(r,Mf);var Cf=Me[cr],Rf=0==(0|Cf);do {if(!Rf){ var
Tf=Me[b];if((Tf+5[0]>>>0>Me[l]>>>0){gr=286;break }var
Of=Cf+Tf[0;Ae[Of]=Ae[0|He.__str141],Ae[Of+1]=Ae[(0|He.__str141)+1],Ae[Of+2]=Ae[(0|He.__str141)+2],Ae[Of
+3]=Ae[(0|He.__str141)+3],Ae[Of+4]=Ae[(0|He.__str141)+4];var
Nf=Se[b]+5[0;Se[b]=Nf,gr=287;break }gr=286 } while(0);286==gr&&Q(r,0|He.__str141,5);var
If=Se[Se[Se[k]+8>>2]+8>>2];H(r,If);var Pf=Me[cr],Df=0==(0|Pf);do if(!Df){ var
Lf=Me[b];if(Lf>>>0>Me[l]>>>0)break;Se[b]=Lf+1[0,Ae[Pf+Lf[0]=41;break r } while(0);Y(r,41);break
r } while(0);Z(r);break r }if(47==(0|Ir)||48==(0|Ir)){Z(r);break r }if(49==(0|Ir)||50==(0|Ir)){ var
Ff=a+4[0,Xf=Se[Ff>>2],jf=33==(0|Se[Xf>>2]);do {if(jf){ var
Uf=Me[Se[Xf+4>>2]+16>>2];if(1==(0|Uf)||2==(0|Uf)||3==(0|Uf)||4==(0|Uf)||5==(0|Uf)||6==(0|Uf)){ var
xf=a+8[0;if(0!=(0|Se[Se[xf>>2]>>2])){ var zf=Uf;break }if(50==(0|Ir)){ var
Vf=r+8[0,Bf=Me[Vf>>2];Bf>>>0<Me[Er+3]>>>0?(Se[Vf>>2]=Bf+1[0,Ae[Or+Bf[0]=45):Y(r,45)} var
Hf=Se[xf>>2];if(H(r,Hf),2==(0|Uf)){ var Kf=Me[cr],Yf=0==(0|Kf);do if(!Yf){ var
Gf=r+8[0,Wf=Me[Gf>>2];if(Wf>>>0>Me[Er+3]>>>0)break;Se[Gf>>2]=Wf+1[0,Ae[Kf+Wf[0]=117;break
r } while(0);Y(r,117);break r }if(3==(0|Uf)){ var Zf=Me[cr],Qf=0==(0|Zf);do if(!Qf){ var
qf=r+8[0,$f=Me[qf>>2];if($f>>>0>Me[Er+3]>>>0)break;Se[qf>>2]=$f+1[0,Ae[Zf+$f[0]=108;break
r } while(0);Y(r,108);break r }if(4==(0|Uf)){ var Jf=Me[cr],r_=0==(0|Jf);do if(!r_){ var
o=(r+8[0]>>>2,a_=Me[o];if((a_+2[0]>>>0>Me[Er+3]>>>0)break;var
e_=Jf+a_[0;oe=27765,Ae[e_]=255&oe,oe>>=8,Ae[e_+1]=255&oe;var i_=Se[o]+2[0;Se[o]=i_;break
r } while(0);Q(r,0|He.__str142,2);break r }if(5==(0|Uf)){ var v_=Me[cr],t_=0==(0|v_);do if(!t_){ var
n=(r+8[0]>>>2,f_=Me[n];if((f_+2[0]>>>0>Me[Er+3]>>>0)break;var
__=v_+f_[0;oe=27756,Ae[__]=255&oe,oe>>=8,Ae[__+1]=255&oe;var s_=Se[n]+2[0;Se[n]=s_;break
r } while(0);Q(r,0|He.__str143,2);break r }if(6==(0|Uf)){ var n_=Me[cr],o_=0==(0|n_);do if(!o_){ var
s=(r+8[0]>>>2,l_=Me[s];if((l_+3[0]>>>0>Me[Er+3]>>>0)break;var
b_=n_+l_[0;Ae[b_]=Ae[0|He.__str144],Ae[b_+1]=Ae[(0|He.__str144)+1],Ae[b_+2]=Ae[(0|He.__str144)+2];var
k_=Se[s]+3[0;Se[s]=k_;break r } while(0);Q(r,0|He.__str144,3);break r }break r }if(7==(0|Uf)){ var
_=Se[pr+2]>>2;if(0!=(0|Se[_])){ var zf=7;break }if(!(1==(0|Se[_+2])&49==(0|Ir))){ var zf=Uf;break }var
u_=Ae[Se[_+1]]<<24>>24;if(48==(0|u_)){ var
f=(r+8[0]>>>2,c_=Me[f];if((c_+5[0]>>>0>Me[Er+3]>>>0){Q(r,0|He.__str145,5);break r }var
h_=Or+c_[0;Ae[h_]=Ae[0|He.__str145],Ae[h_+1]=Ae[(0|He.__str145)+1],Ae[h_+2]=Ae[(0|He.__str145)+2],Ae[h_
+3]=Ae[(0|He.__str145)+3],Ae[h_+4]=Ae[(0|He.__str145)+4];var d_=Se[f]+5[0;Se[f]=d_;break
r }if(49==(0|u_)){ var t=(r+8[0]>>>2,w_=Me[t];if((w_+4[0]>>>0>Me[Er+3]>>>0){Q(r,0|He.__str146,4);break r }var
p_=Or+w_[0;oe=1702195828,Ae[p_]=255&oe,oe>>=8,Ae[p_+1]=255&oe,oe>>=8,Ae[p_+2]=255&oe,oe>>=8,Ae[
p_+3]=255&oe;var E_=Se[t]+4[0;Se[t]=E_;break r }var zf=Uf;break }var zf=Uf;break }var zf=0 } while(0);var
zf,v=(r+8[0]>>>2,A_=Me[v],i=(r+12[0]>>>2;A_>>>0<Me[i]>>>0?(Se[v]=A_+1[0,Ae[Or+A_][0]=40):Y(r,40);var
g_=Se[Ff>>2];H(r,g_);var y_=Me[cr],m_=0==(0|y_);do {if(!m_){ var
S_=Me[v];if(S_>>>0>Me[i]>>>0){gr=335;break }Se[v]=S_+1[0,Ae[y_+S_][0]=41,gr=336;break }gr=335 } while(0);
335==gr&&Y(r,41);var M_=50==(0|Se[Nr>>2]);e:do if(M_){ var C_=Me[cr],R_=0==(0|C_);do if(!R_){ var
T_=Me[v];if(T_>>>0>Me[i]>>>0)break;Se[v]=T_+1[0,Ae[C_+T_][0]=45;break
e } while(0);Y(r,45)} while(0);if(8==(0|zf)){ var O_=Me[cr],N_=0==(0|O_);do {if(!N_){ var
I_=Me[v];if(I_>>>0>Me[i]>>>0){gr=345;break }Se[v]=I_+1[0,Ae[O_+I_][0]=91,gr=346;break }gr=345 } while(0);3
45==gr&&Y(r,91);var P_=Se[pr+2];H(r,P_);var D_=Me[cr],L_=0==(0|D_);do if(!L_){ var

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F_=Me[v];if(F_>>>0>=Me[i]>>>0)break;Se[v]=F_+1|0,Ae[D_+F_]=93;break r}while(0);Y(r,93);break r}var
X_=Se[pr+2];H(r,X_);break r}Z(r);break r} }while(0);var
e=(r+20|0)>>>2,j_=_Se[e],U_=_0|Sr;Se[U_>>2]=j_,Se[e]=Sr,Se[Sr+4>>>2]=a;var x_=_Sr+8|0;Se[x_>>2]=0;var
z_=_Se[Er+4];Se[Sr+12>>>2]=z_;var V_=_Se[pr+1];H(r,V_),0==(0|Se[x_>>2])&&$(r,a);var
B_=_Se[U_>>2];Se[e]=B_}while(0);Oe=Ar}function K(r,a,e,i){var
v=i>>>2;Se[v]=r,Se[v+1]=r+e|0,Se[v+2]=a,Se[v+3]=r,Se[v+6]=e<<<1,Se[v+5]=0,Se[v+9]=e,Se[v+8]=0,Se[v+10]=0,
Se[v+11]=0,Se[v+12]=0}function Y(r,a){var e,i=r+4|0,v=Me[i]>>>2,t=0==(0|v);do if(!t){var
e=(r+8|0)>>>2,f=Me[e];if(f>>>0<Me[r+12>>>2]>>>0)var _=v,s=f;else{tr(r,1);var n=Me[i]>>>2;if(0==(0|n))break;var
_=_n,s=Se[e]}var s,_;Ae[_+s|0]=255&a;var o=Se[e]+1|0;Se[e]=o}while(0)}function G(r,a,e,i){var
v,t=i>>>2,f=Oe;Oe+=4;var _=f,v_>>>2,s=0==(0|r);do if(s){if(0==(0|i)){var n=0;break}Se[t]=-3;var n=0}else{var
o=0==(0|e);if(0!=(0|a)&o){if(0==(0|i)){var n=0;break}Se[t]=-3;var n=0}else{var
l=W(r,_);if(0==(0|l)){if(0==(0|i)){var n=0;break}if(1==(0|Se[v])){Se[t]=-1;var n=0}else{Se[t]=-2;var
n=0}}else{var b=0==(0|a);do if(b){if(o){var k=1;break}var u=Se[v];Se[e>>>2]=u;var k=1}else{var
c=Ca(l);if(c>>>0<Me[e>>>2]>>>0){Ra(a,l);va(l);var k=a}else{va(a);var h=Se[v];Se[e>>>2]=h;var k=1}}while(0);var
k;if(0==(0|i)){var n=k;break}Se[t]=0;var n=k}}while(0);var n;return Oe=f,n}function W(r,a){var
e,i=Oe;Oe+=52;var v,t=i,e=t>>>2;Se[a>>>2]=0;var
f=Ca(r,_=Ae[r]<<<24>>>24==95;do{if(_){if(Ae[r+1|0]<<<24>>>24==90){var
s=0;v=13;break}v=3;break}v=3}while(0);do if(3==v){var n=Na(r,0|He.__str117,8);if(0!=(0|n)){var
s=1;v=13;break}var o=Ae[r+8|0];if(o<<<24>>>24!=46&&o<<<24>>>24!=95&&o<<<24>>>24!=36){var
s=1;v=13;break}var l=r+9|0,b=Ae[l];if(b<<<24>>>24!=68&&b<<<24>>>24!=73){\nvar
s=1;v=13;break}if(Ae[r+10|0]<<<24>>>24!=95){var s=1;v=13;break}var
k=f+29|0,u=Jr(k);if(0==(0|u)){Se[a>>>2]=1;var
c=0;v=19;break}Ae[l]<<<24>>>24==73?Pa(u,0|He.__str118,30,1):Pa(u,0|He.__str119,29,1);var
h=r+11|0,c=(Ia(u,h),u);v=19;break}while(0);if(13==v){var s;K(r,17,f,t);var
d=Se[e+6],w=Ta(),p=Oe;Oe+=12*d,Oe=Oe+3>>>2<<<2;var
E=Oe;if(Oe+=4*Se[e+9],Oe=Oe+3>>>2<<<2,Se[e+4]=p,Se[e+7]=E,s)var A=N(t),g=A;else var y=T(t,1),g=y;var
g,m=Ae[Se[e+3]]<<<24>>>24==0?g:0,S=Se[e+12]+f+10*Se[e+10]|0;if(0==(0|m))var M=0;else var
C=S/8+S|0,R=B(17,m,C,a),M=R;var M;Oa(w);var c=M}var c;return Oe=i,c}function Z(r){var
a=r+4|0,e=Se[a>>>2];va(e),Se[a>>>2]=0}function Q(r,a,e){var i,v=r+4|0,t=Me[v>>>2],f=0==(0|t);do if(!f){var
i=(r+8|0)>>>2,_=Me[i];if((_+e|0)>>>0>Me[r+12>>>2]>>>0){tr(r,e);var s=Me[v>>>2];if(0==(0|s))break;var
n=s,o=Se[i]}else var n=t,o=_;var o,n;Pa(n+o|0,a,e,1);var l=Se[i]+e|0;Se[i]=l}while(0)}function q(r,a,e){var
i,v,t=a+e|0,f=(0|e)>0;r:do if(f)for(var _=t,s=r+4|0,i=(r+8|0)>>>2,n=r+12|0,o=a;){var o,l=(_-
o|0)>3;a:do{if(l){if(Ae[o]<<<24>>>24!=95){v=21;break}if(Ae[o+1|0]<<<24>>>24!=95){v=21;break}if(Ae[o+2|0]<<<24
>>>24!=85){v=21;break}for(var b=o+3|0,k=0;){var k,b;if(b>>>0>=t>>>0){v=21;break a}var
u=ge[b],c=u<<<24>>>24;if((u-48&255&255)<10)var h=c-48|0;else if((u-65&255&255)<6)var h=c-55|0;else{if((u-
97&255&255)>=6)break;var h=c-87|0}var
h,b=b+1|0,k=(k<<<4)+h|0}if(!(u<<<24>>>24==95&k>>>0<256)){v=21;break}var d=Me[s>>>2],w=0==(0|d);do
if(!w){var p=Me[i];if(p>>>0>=Me[n>>>2]>>>0)break;Se[i]=p+1|0,Ae[d+p|0]=255&k;var E=b;v=25;break
a}while(0);Y(r,k);var E=b;v=25;break}v=21}while(0);a:do if(21==v){var A=Me[s>>>2],g=0==(0|A);do if(!g){var
y=Me[i];if(y>>>0>=Me[n>>>2]>>>0)break;var m=Ae[o];Se[i]=y+1|0,Ae[A+y|0]=m;var E=o;break a}while(0);var
S=Ae[o]<<<24>>>24;Y(r,S);var E=o}while(0);var E,M=E+1|0;if(M>>>0>=t>>>0)break r;var
o=M}while(0)}function $(r,a){var e,i,v,t,f,_s,n=r>>>2,o=Se[a>>>2];r:do if(22==(0|o)||25==(0|o)){var
l=Me[n+1],b=0==(0|l);do if(!b){var _(r+8|0)>>>2,k=Me[_];if((k+9|0)>>>0>Me[n+3]>>>0)break;for(var
u=l+k|0,c=0|He.__str147,h=u,d=c+9;c<d;c++,h++)Ae[h]=Ae[c];var w=Se[_+9|0;Se[_]=w;break
r}while(0);Q(r,0|He.__str147,9)}else if(23==(0|o)||26==(0|o)){var p=Me[n+1],E=0==(0|p);do if(!E){var
f=(r+8|0)>>>2,A=Me[f];if((A+9|0)>>>0>Me[n+3]>>>0)break;for(var
g=p+A|0,c=0|He.__str148,h=g,d=c+9;c<d;c++,h++)Ae[h]=Ae[c];var y=Se[f+9|0;Se[f]=y;break
r}while(0);Q(r,0|He.__str148,9)}else if(24==(0|o)||27==(0|o)){var m=Me[n+1],S=0==(0|m);do if(!S){var

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t=(r+8|0)>>2,M=Me[t];if((M+6|0)>>>0>Me[n+3]>>>0)break;var
C=m+m|0;Ae[C]=Ae[0]He.__str149],Ae[C+1]=Ae[(0]He.__str149)+1],Ae[C+2]=Ae[(0]He.__str149)+2],Ae[C+3]=
Ae[(0]He.__str149)+3],Ae[C+4]=Ae[(0]He.__str149)+4],Ae[C+5]=Ae[(0]He.__str149)+5];var
R=Se[t]+6|0;Se[t]=R;break r} while(0);Q(r,0]He.__str149,6)}else if(28==(0|o)){var
T=Me[n+1],O=0==(0|T);do{if(!O){var
N=r+8|0,I=Me[N>>2];if(I>>>0>=Me[n+3]>>>0){s=17;break}Se[N>>2]=I+1|0,Ae[T+I|0]=32,s=18;break}s=17}wh
ile(0);17==s&&Y(r,32);var P=Se[a+8>>2];H(r,P)}else if(29==(0|o)){if(0!=(4&Se[n]|0))break;var
D=Me[n+1],L=0==(0|D);do if(!L){var
F=r+8|0,X=Me[F>>2];if(X>>>0>=Me[n+3]>>>0)break;Se[F>>2]=X+1|0,Ae[D+X|0]=42;break
r} while(0);Y(r,42)}else if(30==(0|o)){var j=Me[n+1],U=0==(0|j);do if(!U){var
x=r+8|0,z=Me[x>>2];if(z>>>0>=Me[n+3]>>>0)break;Se[x>>2]=z+1|0,Ae[j+z|0]=38;break r} while(0);Y(r,38)}else
if(31==(0|o)){var V=Me[n+1],B=0==(0|V);do if(!B){var
v=(r+8|0)>>2,K=Me[v];if((K+8|0)>>>0>Me[n+3]>>>0)break;var
G=V+K|0,W=0|G;oe=1886220131,Ae[W]=255&oe,oe>>=8,Ae[W+1]=255&oe,oe>>=8,Ae[W+2]=255&oe,oe>>=8
,Ae[W+3]=255&oe;var
Z=G+4|0;oe=544761196,Ae[Z]=255&oe,oe>>=8,Ae[Z+1]=255&oe,oe>>=8,Ae[Z+2]=255&oe,oe>>=8,Ae[Z+3]=2
55&oe;var q=Se[v]+8|0;Se[v]=q;break r} while(0);Q(r,0]He.__str150,8)}else if(32==(0|o)){var
$=Me[n+1],J=0==(0|$);do if(!J){var i=(r+8|0)>>2,rr=Me[i];if((rr+10|0)>>>0>Me[n+3]>>>0)break;for(var
ar=$+rr|0,c=0]He.__str151,h=ar,d=c+10;c<d;c++,h++)Ae[h]=Ae[c];var er=Se[i]+10|0;Se[i]=er;break
r} while(0);Q(r,0]He.__str151,10)}else if(37==(0|o)){var ir=r+4|0,vr=Me[ir>>2],tr=0==(0|vr);do{if(!tr){var
fr=r+8|0,_r=Me[fr>>2];if(0!=(0|_r)&&Ae[vr+(_r-
1)|0]<<24>>24==40){s=42;break}if(_r>>>0>=Me[n+3]>>>0){s=41;break}Se[fr>>2]=_r+1|0,Ae[vr+_r|0]=32,s=42;
break}s=41} while(0);41==s&&Y(r,32);var sr=Se[a+4>>2];H(r,sr);var nr=Me[ir>>2],or=0==(0|nr);do if(!or){var
e=(r+8|0)>>2,lr=Me[e];if((lr+3|0)>>>0>Me[n+3]>>>0)break;var
br=nr+lr|0;Ae[br]=Ae[0]He.__str135],Ae[br+1]=Ae[(0]He.__str135)+1],Ae[br+2]=Ae[(0]He.__str135)+2];var
kr=Se[e]+3|0;Se[e]=kr;break r} while(0);Q(r,0]He.__str135,3)}else if(3==(0|o)){var ur=Se[a+4>>2];H(r,ur)}else
H(r,a);while(0)}function J(r){var a=r+20|0,e=Se[a>>2];if((0|e)<(0|Se[r+24>>2])){var
i=Se[r+16>>2]+12*e|0,v=e+1|0;Se[a>>2]=v;var t=i} else var t=0;var t;return t}function rr(r,a,e){var
i,v,t,f,_r>>2,s=e,t=s>>2,n=0;r:for(;;){var n,s,o=0==(0|s);do if(!o){if(0!=(0|Se[t+2]))break;var
l=Se[Se[t+1]>>2];if(29==(0|l)||30==(0|l)){f=9;break
r}if(22==(0|l)||23==(0|l)||24==(0|l)||28==(0|l)||31==(0|l)||32==(0|l)||37==(0|l)){var b=Se[_+1];f=12;break r}var
s=Se[t],t=s>>2,n=1;continue r} while(0);if(0!=(0|Se[a+4>>2])&0==(0|n)){f=9;break}var
k=0,u=r+4|0,v=u>>2;f=22;break}do if(9==f){var c=Se[_+1];if(0==(0|c)){f=17;break}var
h=Se[_+2];if(0==(0|h)){var d=c;f=13;break}var w=Ae[c+(h-
1)|0];if(w<<24>>24==40||w<<24>>24==42){f=18;break}var b=c;f=12;break} while(0);do if(12==f){var
b;if(0==(0|b)){f=17;break}var d=b;f=13;break} while(0);do if(13==f){var
d,p=r+8|0,E=Me[p>>2];if(0!=(0|E)&&Ae[d+(E-
1)|0]<<24>>24==32){f=18;break}if(E>>>0>=Me[_+3]>>>0){f=17;break}Se[p>>2]=E+1|0,Ae[d+E|0]=32,f=18;bre
ak} while(0);do if(17==f){Y(r,32),f=18;break} while(0);r:do if(18==f){var A=r+4|0,g=Me[A>>2],y=0==(0|g);do
if(!y){var m=r+8|0,S=Me[m>>2];if(S>>>0>=Me[_+3]>>>0)break;Se[m>>2]=S+1|0,Ae[g+S|0]=40;var
k=1,u=A,v=u>>2;break r} while(0);Y(r,40);var k=1,u=A,v=u>>2} while(0);var
u,k,i=(r+20|0)>>2,M=Se[i];Se[i]=0,vr(r,e,0);r:do if(k){var C=Me[v],R=0==(0|C);do if(!R){var
T=r+8|0,O=Me[T>>2];if(O>>>0>=Me[_+3]>>>0)break;Se[T>>2]=O+1|0,Ae[C+O|0]=41;break
r} while(0);Y(r,41)} while(0);var N=Me[v],I=0==(0|N);do{if(!I){var
P=r+8|0,D=Me[P>>2];if(D>>>0>=Me[_+3]>>>0){f=30;break}Se[P>>2]=D+1|0,Ae[N+D|0]=40,f=31;break}f=30}
while(0);30==f&&Y(r,40);var L=Se[a+8>>2];0!=(0|L)&&H(r,L);var F=Me[v],X=0==(0|F);do{if(!X){var
j=r+8|0,U=Me[j>>2];if(U>>>0>=Me[_+3]>>>0){f=36;break}Se[j>>2]=U+1|0,Ae[F+U|0]=41,f=37;break}f=36}wh
ile(0);36==f&&Y(r,41),vr(r,e,1),Se[i]=M}function ar(r,a,e){var i,v,t,f=r>>2,_=0==(0|e);do{if(!_) {var

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s=e,v=s>>2;r:for(;;){ var s;if(0==(0|s)){ var n=1;t=14;break }if(0==(0|Se[v+2])){ var
o=36==(0|Se[Se[v+1]>>2]),l=1&o^1;if(o){ var n=1;t=14;break } var b=r+4|0,k=Me[b>>2],u=0==(0|k);do{ if(!u){ var
i=(r+8|0)>>2,c=Me[i];if((c+2|0)>>>0>Me[f+3]>>>0){ t=9;break } var
h=k+c|0;oe=10272,Ae[h]=255&oe,oe>>=8,Ae[h+1]=255&oe;var
d=Se[i]+2|0;Se[i]=d,vr(r,e,0),t=10;break }t=9} while(0);9==t&&(Q(r,0|He.__str140,2),vr(r,e,0));var
w=Me[b>>2],p=0==(0|w);do if(!p){ var
E=r+8|0,A=Me[E>>2];if(A>>>0>=Me[f+3]>>>0)break;Se[E>>2]=A+1|0,Ae[w+A|0]=41;var g=1;t=15;break
r} while(0);Y(r,41);var g=1;t=15;break } var s=Se[v],v=s>>2}if(14==t){ var n;vr(r,e,0);var g=n } var
g;if(0!=(0|g)){ t=17;break } var y=r+4|0;t=21;break }t=17} while(0);r:do if(17==t){ var
m=r+4|0,S=Me[m>>2],M=0==(0|S);do if(!M){ var
C=r+8|0,R=Me[C>>2];if(R>>>0>=Me[f+3]>>>0)break;Se[C>>2]=R+1|0,Ae[S+R|0]=32;var y=m;break
r} while(0);Y(r,32);var y=m } while(0);var y,T=Me[y>>2],O=0==(0|T);do{ if(!O){ var
N=r+8|0,I=Me[N>>2];if(I>>>0>=Me[f+3]>>>0){ t=24;break } Se[N>>2]=I+1|0,Ae[T+I|0]=91,t=25;break }t=24} whil
e(0);24==t&&Y(r,91);var P=Se[a+4>>2];0!=(0|P)&&H(r,P);var D=Me[y>>2],L=0==(0|D);do{ if(!L){ var
F=r+8|0,X=Me[F>>2];if(X>>>0>=Me[f+3]>>>0){ t=30;break } Se[F>>2]=X+1|0,Ae[D+X|0]=93,t=31;break }t=30} w
hile(0);30==t&&Y(r,93)} function er(r,a){ var e,i,v,t,f,_,s=Oe;Oe+=8;var
n,o=s,_(a+4|0)>>2,l=Se[_];if(4==(0|Se[l>>2])){ var f=(r+20|0)>>2,b=Se[f];Se[f]=0;var
t=(r+16|0)>>2,k=Se[t],u=0|o;Se[u>>2]=k,Se[t]=o;var c=Se[_];Se[o+4>>2]=c;var h=Se[c+4>>2];H(r,h);var
d=Se[u>>2];Se[t]=d;var v=(r+4|0)>>2,w=Me[v],p=0==(0|w);do{ if(!p){ var i=(r+8|0)>>2,E=Me[i],A=0==(0|E);do
if(!A){ if(Ae[w+(E-
1)|0]<<24>>24!=60)break;E>>>0<Me[r+12>>2]>>>0?(Se[i]=E+1|0,Ae[w+E|0]=32):Y(r,32)} while(0);var
g=Me[v];if(0==(0|g)){ n=12;break } var
y=Me[i];if(y>>>0>=Me[r+12>>2]>>>0){ n=12;break } Se[i]=y+1|0,Ae[g+y|0]=60,n=13;break }n=12} while(0);12==n
&&Y(r,60);var m=Se[Se[_]+8>>2];H(r,m);var S=Me[v],M=0==(0|S);do{ if(!M){ var
e=(r+8|0)>>2,C=Me[e],R=0==(0|C);do if(!R){ if(Ae[S+(C-
1)|0]<<24>>24!=62)break;C>>>0<Me[r+12>>2]>>>0?(Se[e]=C+1|0,Ae[S+C|0]=32):Y(r,32)} while(0);var
T=Me[v];if(0==(0|T)){ n=22;break } var
O=Me[e];if(O>>>0>=Me[r+12>>2]>>>0){ n=22;break } Se[e]=O+1|0,Ae[T+O|0]=62,n=23;break }n=22} while(0);22
==n&&Y(r,62),Se[f]=b} else H(r,l);Oe=s} function ir(r,a){ var e,i=40==(0|Se[a>>2]);r:do if(i){ var
v=Me[r+4>>2],t=0==(0|v);do{ if(!t){ var
e=(r+8|0)>>2,f=Me[e],_=a+4|0,s=Me[_>>2],n=Me[s+8>>2];if((n+f|0)>>>0>Me[r+12>>2]>>>0){ var
o=s,l=n;break } var b=v+f|0,k=Se[s+4>>2];Pa(b,k,n,1);var u=Se[e]+Se[Se[_>>2]+8>>2]|0;Se[e]=u;break r } var
c=Me[a+4>>2],o=c,l=Se[c+8>>2]} while(0);var l,o,h=Se[o+4>>2];Q(r,h,l)} else H(r,a);while(0)} function
vr(r,a,e){ var i,v,t,f,_,f=(r+4|0)>>2,s=0==(0|e),t=(r+16|0)>>2;r:do if(s)for(var n=a;;){ var n;if(0==(0|n)){ _=29;break
r}if(0==(0|Se[f])){ _=29;break r } var o=n+8|0,l=0==(0|Se[o>>2]);do if(l){ var b=n+4|0;if((Se[Se[b>>2]>>2]-
25|0)>>>0<3)break;Se[o>>2]=1;var k=Me[t],u=Se[n+12>>2];Se[t]=u;var
c=Me[b>>2],h=Se[c>>2];if(35==(0|h)){ var d=n,w=k,p=c, _=14;break r }if(36==(0|h)){ var E=n,A=k,g=c, _=15;break
r }if(2==(0|h)){ var y=k,m=b, _=16;break r }$(r,c),Se[t]=k } while(0);var n=Se[n>>2]} else for(var S=a;;){ var
S;if(0==(0|S)){ _=29;break r }if(0==(0|Se[f])){ _=29;break r } var M=S+8|0;if(0==(0|Se[M>>2])){ Se[M>>2]=1;var
C=Me[t],R=Se[S+12>>2];Se[t]=R;var T=S+4|0,O=Me[T>>2],N=Se[O>>2];if(35==(0|N)){ var
d=S,w=C,p=O, _=14;break r }if(36==(0|N)){ var E=S,A=C,g=O, _=15;break r }if(2==(0|N)){ var
y=C,m=T, _=16;break r }$(r,O),Se[t]=C } var S=Se[S>>2]} while(0);if(14==_){ var
p,w,d,I=Se[d>>2];rr(r,p,I),Se[t]=w} else if(15==_){ var g,A,E,P=Se[E>>2];ar(r,g,P),Se[t]=A} else if(16==_){ var
m,y,v=(r+20|0)>>2,D=Se[v];Se[v]=0;var L=Se[Se[m>>2]+4>>2];H(r,L),Se[v]=D;var
F=0==(4&Se[r>>2]|0),X=Me[f],j=0!=(0|X);r:do if(F){ do if(j){ var
i=(r+8|0)>>2,U=Me[i];if((U+2|0)>>>0>Me[r+12>>2]>>>0)break;var
x=X+U|0;oe=14906,Ae[x]=255&oe,oe>>=8,Ae[x+1]=255&oe;var z=Se[i]+2|0;Se[i]=z;break
r} while(0);Q(r,0|He.__str120,2)} else{ do if(j){ var

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V=r+8|0,B=Me[V>>2];if(B>>>0>=Me[r+12>>2]>>>0)break;Se[V>>2]=B+1|0,Ae[X+B|0]=46;break
r}while(0);Y(r,46)}while(0);var K=Me[Se[m>>2]+8>>2],G=(Se[K>>2]-25|0)>>>0<3;r:do if(G)for(var W=K;){var
W,Z=Me[W+4>>2];if((Se[Z>>2]-25|0)>>>0>=3){var q=Z;break r}var W=Z}else var q=K;while(0);var
q;H(r,q),Se[t]=y}}function tr(r,a){var e,e=(r+4|0)>>2,i=Se[e],v=0==(0|i);r:do if(!v){for(var
t=Se[r+8>>2]+a|0,f=r+12|0,_=Se[f>>2],s=i;){var s,_;if(t>>>0<=_>>>0)break r;var
n=_<<1,o=fa(s,n);if(0==(0|o))break;Se[e]=o,Se[f>>2]=n;var _=n,s=o}var
l=Se[e];va(l),Se[e]=0,Se[r+24>>2]=1}while(0)}function fr(r,a,e){var i,v=J(r),i=v>>2;return
0!=(0|v)&&(Se[i]=21,Se[i+1]=a,Se[i+2]=e),v}function _r(r){var
a,a=(r+12|0)>>2,e=Se[a],i=Ae[e]<<24>>24;if(88==(0|i)){var v=e+1|0;Se[a]=v;var
t=nr(r),f=Se[a],_=f+1|0;Se[a]=_;var s=Ae[f]<<24>>24==69?t:0,n=s}else if(76==(0|i))var o=or(r),n=o;else var
l=N(r),n=l;var n;return n}function sr(r){var a,a=(r+12|0)>>2,e=Se[a],i=Ae[e];if(i<<24>>24==110){var
v=e+1|0;Se[a]=v;var t=1,f=Ae[v],_=v}else var t=0,f=i,_=e;var _,f,t,s=(f-48&255&255)<10;r:do if(s)for(var
n=f,o=0,l=_;){var l,o,n,b=(n<<24>>24)-48+10*o|0,k=l+1|0;Se[a]=k;var u=ge[k];if((u-48&255&255)>=10){var
c=b;break r}var n=u,o=b,l=k}else var c=0;while(0);var c,h=0==(0|t)?c:0|c;return h}function nr(r){var
a,e,a=(r+12|0)>>2,i=Se[a],v=Ae[i];do{if(v<<24>>24==76){var t=or(r),f=t;e=21;break}if(v<<24>>24==84){var
_=x(r),f=_;e=21;break}if(v<<24>>24==115){if(Ae[i+1|0]<<24>>24!=114){e=8;break}var s=i+2|0;Se[a]=s;var
n=N(r),o=br(r);if(Ae[Se[a]]<<24>>24==73){var l=z(r),b=D(r,4,o,l),k=D(r,l,n,b),f=k;e=21;break}var
u=D(r,l,n,o),f=u;e=21;break}e=8}while(0);r:do if(8==e){var c=kr(r);if(0==(0|c)){var f=0;break}var
h=0|c,d=Se[h>>2],w=40==(0|d);do{if(w){var p=c+4|0,E=r+48|0,A=Se[Se[p>>2]+8>>2]-
2+Se[E>>2]|0;Se[E>>2]=A;var g=Se[h>>2];if(40!=(0|g)){var y=g;e=13;break}var
m=Se[p>>2],S=Se[m>>2],M=Da(S,0|He.__str90);if(0!=(0|M)){var C=m;e=15;break}var
R=N(r),T=D(r,43,c,R),f=T;break r}var y=d;e=13}while(0);do if(13==e){var y;if(40==(0|y)){var
C=Se[c+4>>2];e=15;break}if(41==(0|y)){var O=c+4|0;e=17;break}if(42==(0|y)){e=18;break}var f=0;break
r}while(0);do if(15==e){var C,O=C+12|0;e=17;break}while(0);do if(17==e){var
O,I=Se[O>>2];if(1==(0|I))break;if(2==(0|I)){var P=nr(r),L=nr(r),F=D(r,45,P,L),X=D(r,44,c,F);return
X}if(3==(0|I)){var j=nr(r),U=nr(r),V=nr(r),B=D(r,48,U,V),H=D(r,47,j,B),K=D(r,46,c,H);return K}var f=0;break
r}while(0);var Y=nr(r),G=D(r,43,c,Y);return G}while(0);var f;return f}function or(r){var
a,a=(r+12|0)>>2,e=Se[a],i=e+1|0;Se[a]=i;var v=Ae[e]<<24>>24==76;r:do if(v){if(Ae[i]<<24>>24==95)var
t=T(r,0),f=t;else{var _=N(r);if(0==(0|_)){var s=0;break}var n=33==(0|Se[_>>2]);do if(n){var
o=Se[_+4>>2];if(0==(0|Se[o+16>>2]))break;var l=r+48|0,b=Se[l>>2]-Se[o+4>>2]|0;Se[l>>2]=b}while(0);var
k=Se[a];if(Ae[k]<<24>>24==110){var u=k+1|0;Se[a]=u;var c=50,h=u}else var c=49,h=k;for(var h,c,d=h;){var
d,w=Ae[d];if(w<<24>>24==69)break;if(w<<24>>24==0){var s=0;break r}var p=d+1|0;Se[a]=p;var d=p}var
E=lr(r,h,d-h|0),A=D(r,c,_,E),f=A}var f,g=Se[a],y=g+1|0;Se[a]=y;var m=Ae[g]<<24>>24==69?f:0,s=m}else var
s=0;while(0);var s;return s}function lr(r,a,e){var i=J(r),v=m(i,a,e),t=0==(0|v)?0:i;return t}function br(r){var
a=r+12|0,e=Me[a>>2],i=ge[e],v=(i-48&255&255)<10;do if(v)var t=L(r),f=t;else if((i-97&255&255)<26){var
_=kr(r);if(0==(0|_)){var f=0;break}if(40!=(0|Se[_>>2])){var f=_;break}var
s=r+48|0,n=Se[Se[_+4>>2]+8>>2]+Se[s>>2]+7|0;Se[s>>2]=n;var f=_}else
if(i<<24>>24==67||i<<24>>24==68)var o=hr(r),f=o;else{if(i<<24>>24!=76){var f=0;break}Se[a>>2]=e+1|0;var
l=L(r);if(0==(0|l)){var f=0;break}var b=dr(r),k=0==(0|b)?0:l,f=k}while(0);var f;return f}function kr(r){var
a,e,a=(r+12|0)>>2,i=Se[a],v=i+1|0;Se[a]=v;var t=ge[i],f=i+2|0;Se[a]=f;var _=ge[v];do{if(t<<24>>24==118){if((_-
48&255&255)>=10){var s=49,n=0;e=6;break}var o=(_<<24>>24)-
48|0,l=L(r),b=ur(r,o,l),k=b;e=14;break}if(t<<24>>24==99){if(_<<24>>24!=118){var s=49,n=0;e=6;break}var
u=N(r),c=D(r,42,u,0),k=c;e=14;break}var s=49,n=0;e=6}while(0);r:do if(6==e){for(;;){var n,s,h=(s-
n)/2+n|0,d=(h<<4)+ri|0,w=Se[d>>2],p=Ae[w],E=t<<24>>24==p<<24>>24;if(E&&_<<24>>24==Ae[w+1|0]<<24>>
24)break;var A=t<<24>>24<p<<24>>24;do if(A)var
g=h,y=n;else{if(E&&_<<24>>24<Ae[w+1|0]<<24>>24){var g=h,y=n;break}var g=s,y=h+1|0}while(0);var
y,g;if((0|y)==(0|g)){var k=0;break r}var s=g,n=y}var m=cr(r,d),k=m}while(0);var k;return k}function ur(r,a,e){var
i=J(r),v=S(i,a,e),t=0==(0|v)?0:i;return t}function cr(r,a){var e=J(r);return

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0!=(0|e)&&(Se[e>>2]=40,Se[e+4>>2]=a),e}function hr(r){var a,e,i=Se[r+44>>2],e=i>>2,v=0==(0|i);do if(!v){var
t=Se[e];if(0==(0|t)){var f=r+48|0,Se[f>>2]+Se[e+2]|0;Se[f>>2]=_}else{if(21!=(0|t))break;var
s=r+48|0,n=Se[s>>2]+Se[e+2]|0;Se[s>>2]=n}while(0);var a=(r+12|0)>>2,o=Se[a],l=o+1|0;Se[a]=l;var
b=Ae[o]<<24>>24;do if(67==(0|b)){var k=o+2|0;Se[a]=k;var u=Ae[l]<<24>>24;if(49==(0|u))var c=1;else
if(50==(0|u))var c=2;else{if(51!=(0|u)){var h=0;break}var c=3}var c,d=wr(r,c,i),h=d}else if(68==(0|b)){var
w=o+2|0;Se[a]=w;var p=Ae[l]<<24>>24;if(48==(0|p))var E=1;else if(49==(0|p))var E=2;else{if(50!=(0|p)){var
h=0;break}var E=3}var E,A=pr(r,E,i),h=A}else var h=0;while(0);var h;return h}function dr(r){var
a=r+12|0,e=Se[a>>2];if(Ae[e]<<24>>24==95){var i=e+1|0;Se[a>>2]=i;var v=sr(r),t=v>>>31^1}else var t=1;var
t;return t}function wr(r,a,e){var i=J(r),v=M(i,a,e),t=0==(0|v)?0:i;return t}function pr(r,a,e){var
i=J(r),v=C(i,a,e),t=0==(0|v)?0:i;return t}function Er(r,a){var e=J(r);return
0!=(0|e)&&(Se[e>>2]=5,Se[e+4>>2]=a),e}function Ar(r){var a,a=(r+12|0)>>2,e=Se[a],i=Ae[e]<<24>>24;do
if(78==(0|i))var v=gr(r),t=v;else if(90==(0|i))var f=yr(r),t=f;else if(76==(0|i))var _=br(r),t=_;else
if(83==(0|i)){if(Ae[e+1|0]<<24>>24==116){var s=e+2|0;Se[a]=s;var
n=lr(r,0|He.__str152,3),o=br(r),l=D(r,1,n,o),b=r+48|0,k=Se[b>>2]+3|0;Se[b>>2]=k;var u=0,c=l}else var
h=V(r,0),u=1,c=h;var c,u;if(Ae[Se[a]]<<24>>24!=73){var t=c;break}if(0==(0|u)){var d=R(r,c);if(0==(0|d)){var
t=0;break}}var w=z(r),p=D(r,4,c,w),t=p}else{var E=br(r);if(Ae[Se[a]]<<24>>24!=73){var t=E;break}var
A=R(r,E);if(0==(0|A)){var t=0;break}var g=z(r),y=D(r,4,E,g),t=y}while(0);var t;return t}function gr(r){var
a,e=Oe;Oe+=4;var i=e,a=(r+12|0)>>2,v=Se[a],t=v+1|0;Se[a]=t;var f=Ae[v]<<24>>24==78;do if(f){var
_=I(r,i,1);if(0==(0|_)){var s=0;break}var n=mr(r);if(Se[_>>2]=n,0==(0|n)){var s=0;break}var
o=Se[a],l=o+1|0;if(Se[a]=l,Ae[o]<<24>>24!=69){var s=0;break}var s=Se[i>>2]}else var s=0;while(0);var s;return
Oe=e,s}function yr(r){var a,a=(r+12|0)>>2,e=Se[a],i=e+1|0;Se[a]=i;var v=Ae[e]<<24>>24==90;do if(v){var
t=O(r,0),f=Se[a],_=f+1|0;if(Se[a]=_,Ae[f]<<24>>24!=69){var s=0;break}if(Ae[_]<<24>>24==115){var
n=f+2|0;Se[a]=n;var o=dr(r);if(0==(0|o)){var s=0;break}var l=lr(r,0|He.__str168,14),b=D(r,2,t,l),s=b}else{var
k=Ar(r),u=dr(r);if(0==(0|u)){var s=0;break}var c=D(r,2,t,k),s=c}]}else var s=0;while(0);var s;return s}function
mr(r){var a,e=r+12|0,i=0;r:for(;;){var i,v=ge[Se[e>>2]];if(v<<24>>24==0){var t=0;break}var f=(v-
48&255&255)<10|(v-
97&255&255)<26;do if(!f){if(v<<24>>24==76||v<<24>>24==68||v<<24>>24==67){a=5;break}if(v<<24>>24==8
3){var _=V(r,1),s=_;a=10;break}if(v<<24>>24==73){if(0==(0|i)){var t=0;break}var
n=z(r),o=4,l=n;a=11;break}if(v<<24>>24==84){var b=x(r),s=b;a=10;break}if(v<<24>>24==69){var t=i;break
r}var t=0;break}a=5}while(0);do if(5==a){var k=br(r),s=k;a=10;break}while(0);do if(10==a){var
s;if(0==(0|i)){var u=s;a=12;break}var o=1,l=s;a=11;break}while(0);if(11==a)var l,o,c=D(r,o,i,l),u=c;var
u;if(v<<24>>24!=83)if(Ae[Se[e>>2]]<<24>>24!=69){var h=R(r,u);if(0==(0|h)){var t=0;break}var i=u}else var
i=u;else var i=u}var t;return t}function Sr(r,a){var e,i,v=Oe;Oe+=4;var
t=v,i=t>>2,e=(r+12|0)>>2,f=Se[e];if(Ae[f]<<24>>24==74){var _=f+1|0;Se[e]=_;var s=1}else var s=a;var
s;Se[i]=0;var n=s,o=0,l=t;r:for(;;)for(var l,o,n,b=n,k=o;){var
k,b,u=Ae[Se[e]];if(u<<24>>24==0||u<<24>>24==69){var c=Se[i];if(0==(0|c)){var h=0;break}var
d=0==(0|Se[c+8>>2]);do if(d){var w=Se[c+4>>2];if(33!=(0|Se[w>>2])){var p=c;break}var
E=Se[w+4>>2];if(9!=(0|Se[E+16>>2])){var p=c;break}var A=r+48|0,g=Se[A>>2]-
Se[E+4>>2]|0;Se[A>>2]=g,Se[i]=0;var p=0}else var p=c;while(0);var p,y=D(r,35,k,p),h=y;break}var
m=N(r);if(0==(0|m)){var h=0;break}if(0==(0|b)){var S=D(r,38,m,0);if(Se[l>>2]=S,0==(0|S)){var h=0;break}var
n=0,o=k,l=S+8|0;continue r}var b=0,k=m}var h;return Oe=v,h}function Mr(r){for(var a=r;;){var a;if(0==(0|a)){var
e=0;break}var i=Se[a>>2];if(1!=(0|i)&&2!=(0|i)){if(6==(0|i)||7==(0|i)||42==(0|i)){var e=1;break}var e=0;break}var
a=Se[a+8>>2]}var e;return e}function Cr(r){var
a=r>>2;Se[a+3]=0,Se[a+2]=0,Se[a+1]=0,Se[a]=0,Se[a+4]=0}function Rr(r,a){var
e,e=(r+12|0)>>2,i=Se[e],v=(Se[r+4>>2]-i|0)<(0|a);r:do if(v)var t=0;else{var f=i+a|0;Se[e]=f;var
_=0==(4&Se[r+8>>2]|0);do if(!_){if(Ae[f]<<24>>24!=36)break;var s=a+(i+1)|0;Se[e]=s}while(0);var n=(0|a)>9;do
if(n){var o=La(i,0|He.__str117,8);if(0!=(0|o))break;var
l=Ae[i+8|0];if(l<<24>>24!=46&&l<<24>>24!=95&&l<<24>>24!=36)break;if(Ae[i+9|0]<<24>>24!=78)break;var

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b=r+48|0,k=22-a+Se[b>>2]|0;Se[b>>2]=k;var u=lr(r,0)He.__str169,21,t=u;break r}while(0);var
c=lr(r,i,a),t=c}while(0);var t;return t}function Tr(r){var a,e,e=(r+48|0)>>2,i=Se[e],v=i+20|0;Se[e]=v;var
a=(r+12|0)>>2,t=Se[a],f=t+1|0;Se[a]=f;var _=Ae[t];do if(<<24>>24==84){var s=t+2|0;Se[a]=s;var
n=Ae[f]<<24>>24;if(86==(0|n)){var o=i+15|0;Se[e]=o;var l=N(r),b=D(r,8,1,0),k=b}else if(84==(0|n)){var
u=i+10|0;Se[e]=u;var c=N(r),h=D(r,9,c,0),k=h}else if(73==(0|n))var d=N(r),w=D(r,11,d,0),k=w;else
if(83==(0|n))var p=N(r),E=D(r,12,p,0),k=E;else if(104==(0|n)){var A=Nr(r,104);if(0==(0|A)){var k=0;break}var
g=O(r,0),y=D(r,14,g,0),k=y}else if(118==(0|n)){var m=Nr(r,118);if(0==(0|m)){var k=0;break}var
S=O(r,0),M=D(r,15,S,0),k=M}else if(99==(0|n)){var C=Nr(r,0);if(0==(0|C)){var k=0;break}var
R=Nr(r,0);if(0==(0|R)){var k=0;break}var T=O(r,0),I=D(r,16,T,0),k=I}else if(67==(0|n)){var
P=N(r),L=sr(r);if((0|L)<0){var k=0;break}var F=Se[a],X=F+1|0;if(Se[a]=X,Ae[F]<<24>>24!=95){var
k=0;break}var j=N(r),U=Se[e]+5|0;Se[e]=U;var x=D(r,10,j,P),k=x}else if(70==(0|n))var
z=N(r),V=D(r,13,z,0),k=V;else if(74!=(0|n)){var k=0;break}var B=N(r),H=D(r,17,B,0),k=H}else
if(<<24>>24==71){var K=t+2|0;Se[a]=K;var Y=Ae[f]<<24>>24;if(86==(0|Y))var
G=Ar(r),W=D(r,18,G,0),k=W;else if(82==(0|Y))var Z=Ar(r),Q=D(r,19,Z,0),k=Q;else if(65!=(0|Y)){var
k=0;break}var q=O(r,0),S=D(r,20,q,0),k=S}else var k=0;while(0);var k;return k}function Or(r){for(var
a,e,r,a=e>>2;){var e;if(0==(0|e)){var i=0;break}var v=Se[a];if(4==(0|v)){var
t=Se[a+1],f=Mr(t),i=0==(0|f)&1;break}if(25!=(0|v)&&26!=(0|v)&&27!=(0|v)){var i=0;break}var
e=Se[a+1],a=e>>2}var i;return i}function Nr(r,a){var e;if(0==(0|a)){var
i=r+12|0,v=Se[i>>2],t=v+1|0;Se[i>>2]=t;var f=Ae[v]<<24>>24}else var f=a;var f;do if(104==(0|f)){var
_=(sr(r),r+12|0);e=7;break}if(118==(0|f)){var
s=(sr(r),r+12|0),n=Se[s>>2],o=n+1|0;if(Se[s>>2]=o,Ae[n]<<24>>24!=95){var l=0;e=8;break}var
_=(sr(r),s);e=7;break}var l=0;e=8}while(0);if(7==e){var _,b=Se[_>>2],k=b+1|0;Se[_>>2]=k;var
l=Ae[b]<<24>>24==95&1}var l;return l}function Ir(r){var a,e,i=r>>2,v=Oe;Oe+=56;var
t,f=v,_,v+=8,s=v+16,n=v+36,e=(0|r)>>2,o=Se[e],l=0==(8192&o|0);r:do if(l){var
a=(r+12|0)>>2,b=Se[a];if(Ae[b]<<24>>24!=63){var k=0;t=111;break}var u=b+1|0;Se[a]=u;var c=Ae[u];do
if(c<<24>>24==63){if(Ae[b+2|0]<<24>>24==36){var h=b+3|0;if(Ae[h]<<24>>24!=63){var
d=5;t=90;break}Se[a]=h;var w=6,p=h}else var w=0,p=u;var p,w,E=p+1|0;Se[a]=E;var A=Ae[E]<<24>>24;do
if(48==(0|A)){var g=1;t=81}else if(49==(0|A)){var g=2;t=81;break}if(50!=(0|A)){if(51==(0|A)){var
y=0|He.__str2172,m=E;t=82;break}if(52==(0|A)){var y=0|He.__str3173,m=E;t=82;break}if(53==(0|A)){var
y=0|He.__str4174,m=E;t=82;break}if(54==(0|A)){var y=0|He.__str5175,m=E;t=82;break}if(55==(0|A)){var
y=0|He.__str6176,m=E;t=82;break}if(56==(0|A)){var y=0|He.__str7177,m=E;t=82;break}if(57==(0|A)){var
y=0|He.__str8178,m=E;t=82;break}if(65==(0|A)){var
y=0|He.__str9179,m=E;t=82;break}if(66==(0|A)){Se[a]=p+2|0;var
S=0|He.__str10180,M=3;t=88;break}if(67==(0|A)){var y=0|He.__str11181,m=E;t=82;break}if(68==(0|A)){var
y=0|He.__str12182,m=E;t=82;break}if(69==(0|A)){var y=0|He.__str13183,m=E;t=82;break}if(70==(0|A)){var
y=0|He.__str14184,m=E;t=82;break}if(71==(0|A)){var y=0|He.__str15185,m=E;t=82;break}if(72==(0|A)){var
y=0|He.__str16186,m=E;t=82;break}if(73==(0|A)){var y=0|He.__str17187,m=E;t=82;break}if(74==(0|A)){var
y=0|He.__str18188,m=E;t=82;break}if(75==(0|A)){var y=0|He.__str19189,m=E;t=82;break}if(76==(0|A)){var
y=0|He.__str20190,m=E;t=82;break}if(77==(0|A)){var y=0|He.__str21191,m=E;t=82;break}if(78==(0|A)){var
y=0|He.__str22192,m=E;t=82;break}if(79==(0|A)){var y=0|He.__str23193,m=E;t=82;break}if(80==(0|A)){var
y=0|He.__str24194,m=E;t=82;break}if(81==(0|A)){var y=0|He.__str25195,m=E;t=82;break}if(82==(0|A)){var
y=0|He.__str26196,m=E;t=82;break}if(83==(0|A)){var y=0|He.__str27197,m=E;t=82;break}if(84==(0|A)){var
y=0|He.__str28198,m=E;t=82;break}if(85==(0|A)){var y=0|He.__str29199,m=E;t=82;break}if(86==(0|A)){var
y=0|He.__str30200,m=E;t=82;break}if(87==(0|A)){var y=0|He.__str31201,m=E;t=82;break}if(88==(0|A)){var
y=0|He.__str32202,m=E;t=82;break}if(89==(0|A)){var y=0|He.__str33203,m=E;t=82;break}if(90==(0|A)){var
y=0|He.__str34204,m=E;t=82;break}if(95==(0|A)){var C=p+2|0;Se[a]=C;var
R=Ae[C]<<24>>24;if(48==(0|R)){var y=0|He.__str35205,m=C;t=82;break}if(49==(0|R)){var
y=0|He.__str36206,m=C;t=82;break}if(50==(0|R)){var y=0|He.__str37207,m=C;t=82;break}if(51==(0|R)){var

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y=0|He.__str38208,m=C;t=82;break}if(52==(0|R)){var y=0|He.__str39209,m=C;t=82;break}if(53==(0|R)){var
y=0|He.__str40210,m=C;t=82;break}if(54==(0|R)){var y=0|He.__str41211,m=C;t=82;break}if(55==(0|R)){var
y=0|He.__str42212,m=C;t=82;break}if(56==(0|R)){var y=0|He.__str43213,m=C;t=82;break}if(57==(0|R)){var
y=0|He.__str44214,m=C;t=82;break}if(65==(0|R)){var y=0|He.__str45215,m=C;t=82;break}if(66==(0|R)){var
y=0|He.__str46216,m=C;t=82;break}if(67==(0|R)){Se[a]=p+3|0;var
T=0|He.__str47217;t=84;break}if(68==(0|R)){var y=0|He.__str48218,m=C;t=82;break}if(69==(0|R)){var
y=0|He.__str49219,m=C;t=82;break}if(70==(0|R)){var y=0|He.__str50220,m=C;t=82;break}if(71==(0|R)){var
y=0|He.__str51221,m=C;t=82;break}if(72==(0|R)){var y=0|He.__str52222,m=C;t=82;break}if(73==(0|R)){var
y=0|He.__str53223,m=C;t=82;break}if(74==(0|R)){var y=0|He.__str54224,m=C;t=82;break}if(75==(0|R)){var
y=0|He.__str55225,m=C;t=82;break}if(76==(0|R)){var y=0|He.__str56226,m=C;t=82;break}if(77==(0|R)){var
y=0|He.__str57227,m=C;t=82;break}if(78==(0|R)){var y=0|He.__str58228,m=C;t=82;break}if(79==(0|R)){var
y=0|He.__str59229,m=C;t=82;break}if(82==(0|R)){var O=4|0;Se[e]=O;var N=p+3|0;Se[a]=N;var
I=Ae[N]<<24>>24;if(48==(0|I)){Se[a]=p+4|0,Cr(s);var
P=(Pr(r,_,s,0),Se[_>>2]),D=Se[_+4>>2],L=Dr(r,0|He.__str60230,(ne=Oe,Oe+=8,Se[ne>>2]=P,Se[ne+4>>2]=D,ne)
),F=Se[a]-1|0;Se[a]=F;var y=L,m=F;t=82;break}if(49==(0|I)){Se[a]=p+4|0;var
X=Lr(r),j=Lr(r),U=Lr(r),x=Lr(r),z=Se[a]-1|0;Se[a]=z;var
V=Dr(r,0|He.__str61231,(ne=Oe,Oe+=16,Se[ne>>2]=X,Se[ne+4>>2]=j,Se[ne+8>>2]=U,Se[ne+12>>2]=x,ne)),y=V
,m=Se[a];t=82;break}if(50==(0|I)){var y=0|He.__str62232,m=N;t=82;break}if(51==(0|I)){var
y=0|He.__str63233,m=N;t=82;break}if(52==(0|I)){var y=0|He.__str64234,m=N;t=82;break}var
y=0,m=N;t=82;break}if(83==(0|R)){var y=0|He.__str65235,m=C;t=82;break}if(84==(0|R)){var
y=0|He.__str66236,m=C;t=82;break}if(85==(0|R)){var y=0|He.__str67237,m=C;t=82;break}if(86==(0|R)){var
y=0|He.__str68238,m=C;t=82;break}if(88==(0|R)){var y=0|He.__str69239,m=C;t=82;break}if(89==(0|R)){var
y=0|He.__str70240,m=C;t=82;break}var k=0;t=111;break}var k=0;t=111;break}var
y=0|He.__str1171,m=E;t=82}while(0);do{if(81==t){var g;Se[a]=p+2|0;var B=g;t=83;break}if(82==t){var
m,y;if(Se[a]=m+1|0,1==(0|w)||2==(0|w)){var B=w;t=83;break}if(4==(0|w)){var T=y;t=84;break}if(6!=(0|w)){var
S=y,M=w;t=88;break}Cr(n);var H=Xr(r,n,0,60,62);if(0==(0|H))var K=y;else var
Y=Dr(r,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=y,Se[ne+4>>2]=H,ne)),K=Y;var K;Se[i+6]=0;var
S=K,M=w;t=88;break}}while(0);if(83==t){var B,G=r+40|0,W=Fr(r,0|He.__symbol_demangle_dashed_null,-
1,G);if(0==(0|W)){var k=0;t=111;break}var d=B;t=90;break}if(84==t){var T;Se[i+4]=T;var
Z=1,Q=T;t=109;break}if(88==t){var M,S,q=r+40|0,$=Fr(r,S,-1,q);if(0==(0|$)){var k=0;t=111;break}var
d=M;t=90;break}}else{if(c<<24>>24==36){var J=b+2|0;Se[a]=J;var rr=jr(r);Se[i+4]=rr;var
ar=0!=(0|rr)&1;t=107;break}var d=0;t=90}while(0);if(90==t){var
d,er=Me[a],ir=Ae[er]<<24>>24;if(64==(0|ir))Se[a]=er+1|0;else if(36==(0|ir))t=93;else{var
vr=Zr(r);if(0==(0|vr)){var k=-1;t=111;break}if(5==(0|d)){var tr=r+20|0,fr=Se[tr>>2]+1|0;Se[tr>>2]=fr}else
if(1==(0|d)||2==(0|d)){if(Me[i+11]>>>0<2){var k=-1;t=111;break}var
_r=r+56|0,sr=Me[_r>>2],nr=Se[sr+4>>2];if(1==(0|d))Se[sr>>2]=nr;else{var
or=Dr(r,0|He.__str71241,(ne=Oe,Oe+=4,Se[ne>>2]=nr,ne)),lr=Se[_r>>2];Se[lr>>2]=or}var
br=4|Se[e];Se[e]=br}else if(3==(0|d)){var kr=Se[e]&-5;Se[e]=kr}var ur=ge[Se[a]];if((ur-48&255&255)<10)var
cr=Vr(r),ar=cr;else if((ur-65&255&255)<26)var hr=Br(r,3==(0|d)&1),ar=hr;else{if(ur<<24>>24!=36){var k=-
1;t=111;break}var dr=Hr(r),ar=dr}}var ar;if(0==(0|ar)){var k=-1;t=111;break}var Z=ar,Q=Se[i+4];t=109;break}var
wr=Pr(r,f,0,0);if(0==(0|wr)){var k=-1;t=111;break}var
pr=Se[f>>2],Er=Se[f+4>>2],Ar=Dr(r,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=pr,Se[ne+4>>2]=Er,ne));Se[i+4]=A
r;var Z=1,Q=Ar;t=109;break}while(0);do if(109==t){var Q,Z;if(0!=(0|Q)){var
k=Z;break}Xa(0|He.__str72242,1499,0|He.__func__symbol_demangle,0|He.__str73243);var k=Z}while(0);var
k;return Oe=v,k}function Pr(r,a,e,i){var v,t,f,_=Oe;Oe+=24;var
s=_,n=_+4,o=_+8,l=_+16,b=_+20;0==(0|a)&&Xa(0|He.__str72242,829,0|He.__func__demangle_datatype,0|He._
_str121291);var f=(a+4|0)>>2;Se[f]=0;var t=(0|a)>>2;Se[t]=0;var v=(r+12|0)>>2,k=Me[v],u=k+1|0;Se[v]=u;var
c=Ae[k],h=c<<24>>24;do if(95==(0|h)){Se[v]=k+2|0;var d=Ae[u],w=Zr(d);Se[t]=w}else

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if(67==(0|h)||68==(0|h)||69==(0|h)||70==(0|h)||71==(0|h)||72==(0|h)||73==(0|h)||74==(0|h)||75==(0|h)||77==(0|h)||78=
==(0|h)||79==(0|h)||88==(0|h)||90==(0|h))){ var p=Qr(c);Se[t]=p} else
if(84==(0|h)||85==(0|h)||86==(0|h)||89==(0|h)){ var E=qr(r);if(0==(0|E))break;var A=0==(32768&Se[r>>2]|0);do
if(A)if(84==(0|h))var g=0|He.__str122292;else if(85==(0|h))var g=0|He.__str123293;else if(86==(0|h))var
g=0|He.__str124294;else {if(89!=(0|h)){ var g=0;break } var g=0|He.__str125295} else var g=0;while(0);var
g,y=Dr(r,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=g,Se[ne+4>>2]=E,ne));Se[t]=y} else
if(63==(0|h))if(0==(0|i))$(a,r,e,63,0);else { var m=Lr(r);if(0==(0|m))break;var
S=Dr(r,0|He.__str126296,(ne=Oe,Oe+=4,Se[ne>>2]=m,ne));Se[t]=S} else if(65==(0|h)||66==(0|h))$(a,r,e,c,i);else
if(81==(0|h)||82==(0|h)||83==(0|h)){ var M=0==(0|i)?80:c;$(a,r,e,M,i)} else if(80==(0|h))if(((Ae[u]<<24>>24)-
48|0)>>>0<10){ var C=k+2|0;if(Se[v]=C,Ae[u]<<24>>24!=54)break;var R=r+44|0,T=Se[R>>2];Se[v]=k+3|0;var
O=Ae[C],N=Se[r>>2]&&-17,I=Ur(O,s,n,N);if(0==(0|I))break;var P=Pr(r,o,e,0);if(0==(0|P))break;var
D=Xr(r,e,1,40,41);if(0==(0|D))break;Se[R>>2]=T;var
L=Se[o>>2],F=Se[o+4>>2],X=Se[s>>2],j=Dr(r,0|He.__str127297,(ne=Oe,Oe+=12,Se[ne>>2]=L,Se[ne+4>>2]=F,S
e[ne+8>>2]=X,ne));Se[t]=j;var U=Dr(r,0|He.__str128298,(ne=Oe,Oe+=4,Se[ne>>2]=D,ne));Se[f]=U} else
$(a,r,e,80,i);else if(87==(0|h)){ if(Ae[u]<<24>>24!=52)break;Se[v]=k+2|0;var
x=qr(r);if(0==(0|x))break;if(0==(32768&Se[r>>2]|0)){ var
z=Dr(r,0|He.__str129299,(ne=Oe,Oe+=4,Se[ne>>2]=x,ne));Se[t]=z} else Se[t]=x} else
if(48==(0|h)||49==(0|h)||50==(0|h)||51==(0|h)||52==(0|h)||53==(0|h)||54==(0|h)||55==(0|h)||56==(0|h)||57==(0|h)){ var
V=h<<1,B=V-96|0,H=Yr(e,B);Se[t]=H;var K=V-95|0,Y=Yr(e,K);Se[f]=Y} else if(36==(0|h)){ var
G=k+2|0;Se[v]=G;var W=Ae[u]<<24>>24;if(48==(0|W)){ var Z=Lr(r);Se[t]=Z} else if(68==(0|W)){ var
Q=Lr(r);if(0==(0|Q))break;var q=Dr(r,0|He.__str130300,(ne=Oe,Oe+=4,Se[ne>>2]=Q,ne));Se[t]=q} else
if(70==(0|W)){ var $=Lr(r);if(0==(0|$))break;var J=Lr(r);if(0==(0|J))break;var
rr=Dr(r,0|He.__str131301,(ne=Oe,Oe+=8,Se[ne>>2]=$,Se[ne+4>>2]=J,ne));Se[t]=rr} else if(71==(0|W)){ var
ar=Lr(r);if(0==(0|ar))break;var er=Lr(r);if(0==(0|er))break;var ir=Lr(r);if(0==(0|ir))break;var
vr=Dr(r,0|He.__str132302,(ne=Oe,Oe+=12,Se[ne>>2]=ar,Se[ne+4>>2]=er,Se[ne+8>>2]=ir,ne));Se[t]=vr} else
if(81==(0|W)){ var tr=Lr(r);if(0==(0|tr))break;var
fr=Dr(r,0|He.__str133303,(ne=Oe,Oe+=4,Se[ne>>2]=tr,ne));Se[t]=fr} else { if(36!=(0|W))break;if(Ae[G]<<24>>24!=
67)break;Se[v]=k+3|0;var _r=xr(r,l,b);if(0==(0|_r))break;var sr=Pr(r,a,e,i);if(0==(0|sr))break;var
nr=Se[t],or=Se[l>>2],lr=Dr(r,0|He.__str83253,(ne=Oe,Oe+=8,Se[ne>>2]=nr,Se[ne+4>>2]=or,ne));Se[t]=lr} } while(
0);var br=0!=(0|Se[t])&1;return Oe=_,br} function Dr(r,a) { var e,i=Oe;Oe+=4;var
v=i,e=v>>2,t=v;Se[t>>2]=arguments[Dr.length];var f=1, _=0;r:for(;;) { var
_,f,s=Ae[a+_|0];do { if(s<<24>>24==0)break r;if(s<<24>>24==37) { var
n=_+1|0,o=Ae[a+n|0]<<24>>24;if(115==(0|o)) { var l=Se[e],b=1,k=l+4|0;Se[e]=k;var u=Se[b>>2];if(0==(0|u)) { var
c=f,h=n;break } var d=Ca(u),c=d+f|0,h=n;break } if(99==(0|o)) { var w=Se[e]+4|0;Se[e]=w;var
c=f+1|0,h=n;break } if(37==(0|o))var p=n;else var p=_;var p,c=f+1|0,h=p} else var c=f+1|0,h=_} while(0);var
h,c,f=c,_=h+1|0} var E=W(r,f);if(0==(0|E))var A=0;else { Se[t>>2]=arguments[Dr.length];var g=E,y=0;r:for(;;) { var
y,g,m=Ae[a+y|0];do { if(m<<24>>24==0)break r;if(m<<24>>24==37) { var
S=y+1|0,M=Ae[a+S|0]<<24>>24;if(115==(0|M)) { var C=Se[e],R=C,T=C+4|0;Se[e]=T;var
O=Se[R>>2];if(0==(0|O)) { var N=g,I=S;break } var P=Ca(O),Pa(g,O,P,1);var N=g+P|0,I=S;break } if(99==(0|M)) { var
D=Se[e],L=D,F=D+4|0;Se[e]=F,Ae[g]=255&Se[L>>2];var N=g+1|0,I=S;break } if(37==(0|M))var X=S;else var
X=y;var X;Ae[g]=37;var N=g+1|0,I=X} else { Ae[g]=m;var N=g+1|0,I=y} } while(0);var
I,N,g=N,y=I+1|0} Ae[g]=0;var A=E} var A;return Oe=i,A} function Lr(r) { var
a,a=(r+12|0)>>2,e=Se[a],i=Ae[e];if(i<<24>>24==63) { var v=e+1|0;Se[a]=v;var t=1,f=v, _=Ae[v]} else var
t=0,f=e,_=i;var _,f,t,s=(-48&255&255)<9;do { if(s) { var n=W(r,3),o=0!=(0|t);o&&(Ae[n]=45);var
l=Ae[Se[a]+1&255];Ae[n+t|0]=l;var b=o?2:1;\nAe[n+b|0]=0;var k=Se[a]+1|0;Se[a]=k;var u=n} else
if(_<<24>>24==57) { var c=W(r,4),h=0!=(0|t);h&&(Ae[c]=45),Ae[c+t|0]=49;var d=h?2:1;Ae[c+d|0]=48;var
w=h?3:2;Ae[c+w|0]=0;var p=Se[a]+1|0;Se[a]=p;var u=c} else { if((-65&255&255)>=16) { var u=0;break } for(var
E=0,A=f;;) { var A,E,g=A+1|0;Se[a]=g;var y=(Ae[A]<<24>>24)+((E<<4)-65)|0,m=ge[g];if((m-

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65&255&255)>=16)break;var E=y,A=g}if(m<<24>>24!=64){var u=0;break}var
S=W(r,17),M=O!==(0|t)?0|He.__str119289:0|ii,C=(za(S,0|He.__str118288,(ne=Oe,Oe+=8,Se[ne>>2]=M,Se[ne+4>>2]=y,ne)),Se[a+1|0);Se[a]=C;var u=S}while(0);var u;return u}function Fr(r,a,e,i){var
v,t,f,_;0==(0|a)&&Xa(0|He.__str72242,212,0|He.__func__str_array_push,0|He.__str115285),0==(0|j)&&Xa(0|He
.__str72242,213,0|He.__func__str_array_push,0|He.__str116286);var
f=(i+12|0)>>2,s=Me[f],n=0==(0|s);do{if(n){Se[f]=32;var o=W(r,128);if(0==(0|o)){var
l=0;_=17;break}Se[i+16>>2]=o,_=11;break}if(Me[i+8>>2]>>>0<s>>>0){_=11;break}var
b=s<<3,k=W(r,b);if(0==(0|k)){var l=0;_=17;break}var u=k,c=i+16|0,h=Se[c>>2],d=Se[f]<<2;Pa(k,h,d,1);var
w=Se[f]<<1;Se[f]=w,Se[c>>2]=u,_=11;break}while(0);do if(11==_)if((0|e)===-1)var p=Ca(a),E=p;else var E=e;var
E,A=ja(a),g=E+1|0,y=W(r,g),t=(i+4|0)>>2,v=(i+16|0)>>2,m=(Se[t]<<2)+Se[v]|0;Se[m>>2]=y;var
S=Se[Se[v]+(Se[t]<<2)>>2];if(0==(0|S)){Xa(0|He.__str72242,233,0|He.__func__str_array_push,0|He.__str11728
7);var M=Se[Se[v]+(Se[t]<<2)>>2]}else var M=S;var
M;Pa(M,A,E,1),va(A),Ae[Se[Se[v]+(Se[t]<<2)>>2]+g|0]=0;var C=Se[t+1|0;Se[t]=C;var
R=i+8|0;if(C>>>0<Me[R>>2]>>>0){var l=1;break}Se[R>>2]=C;var l=1}while(0);var l;return l}function
Xr(r,a,e,i,v){var t,f,_=Oe;Oe+=28;var s,n=_,o=+8;Cr(o);var f=(r+12|0)>>2,l=0==(0|e),t=(0|n)>>2,b=n+4|0;r:do
if(l)for(;;){var k=Se[f],u=Ae[k];if(u<<24>>24==0){s=12;break r}if(u<<24>>24==64){var c=k;s=7;break r}var
h=Pr(r,n,a,1);if(0==(0|h)){var d=0;s=25;break r}var
w=Se[t],p=Se[b>>2],E=Dr(r,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=w,Se[ne+4>>2]=p,ne)),A=Fr(r,E,-
1,o);if(0==(0|A)){var d=0;s=25;break r}var g=Se[t],y=Da(g,0|He.__str110280);if(0==(0|y)){s=12;break r}}else
for(;;){var m=Se[f],S=Ae[m];if(S<<24>>24==0){s=12;break r}if(S<<24>>24==64){var c=m;s=7;break r}var
M=Pr(r,n,a,1);if(0==(0|M)){var d=0;s=25;break r}var C=Se[t],R=Da(C,0|He.__str84254);if(0==(0|R)){s=13;break
r}var T=Se[b>>2],O=Dr(r,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=C,Se[ne+4>>2]=T,ne)),N=Fr(r,O,-
1,o);if(0==(0|N)){var d=0;s=25;break r}var I=Se[t],P=Da(I,0|He.__str110280);if(0==(0|P)){s=12;break
r}}while(0);do if(7==s){var c;Se[f]=c+1|0,s=12;break}while(0);do
if(12==s){if(l){s=14;break}s=13;break}while(0);do if(13==s){var
D=Se[f],L=D+1|0;if(Se[f]=L,Ae[D]<<24>>24==90){s=14;break}var d=0;s=25;break}while(0);r:do if(14==s){var
F=o+4|0,X=Me[F>>2];do{if(0!=(0|X)){if(1==(0|X)){var
j=o+16|0,U=Se[Se[j>>2]>>2],x=Da(U,0|He.__str84254);if(0==(0|x)){s=17;break}var z=j;s=20;break}var
V=o+16|0;if(X>>>0<=1){var z=V;s=20;break}for(var B=0,H=1;);{var
H,B,K=Se[Se[V>>2]+(H<<2)>>2],Y=Dr(r,0|He.__str112282,(ne=Oe,Oe+=8,Se[ne>>2]=B,Se[ne+4>>2]=K,ne)),G
=H+1|0;if(G>>>0>=Me[F>>2]>>>0)break;var B=Y,H=G}if(0==(0|Y)){var z=V;s=20;break}var
W=Y,Z=Y;s=21;break}s=17}while(0);if(17==s){var
Q=i<<24>>24,q=v<<24>>24,\$=Dr(r,0|He.__str111281,(ne=Oe,Oe+=8,Se[ne>>2]=Q,Se[ne+4>>2]=q,ne)),d=\$;brea
k}if(20==s)var z,W=Se[Se[z>>2]>>2],Z=0;var Z,W,J=v<<24>>24,rr=v<<24>>24==62;do if(rr){var
ar=Ca(W);if(Ae[W+(ar-1)|0]<<24>>24!=62)break;var
er=i<<24>>24,ir=Se[Se[o+16>>2]>>2],vr=Dr(r,0|He.__str113283,(ne=Oe,Oe+=16,Se[ne>>2]=er,Se[ne+4>>2]=ir,
Se[ne+8>>2]=Z,Se[ne+12>>2]=J,ne)),d=vr;break r}while(0);var
tr=i<<24>>24,fr=Se[Se[o+16>>2]>>2],_r=Dr(r,0|He.__str114284,(ne=Oe,Oe+=16,Se[ne>>2]=tr,Se[ne+4>>2]=fr,S
e[ne+8>>2]=Z,Se[ne+12>>2]=J,ne)),d=_r}while(0);var d;return Oe=_d}function jr(r){var a,e=Oe;Oe+=20;var
i=e,v=r+24|0,t=Se[v>>2],a=(r+20|0)>>2,f=Se[a],_r=44|0,s=Se[_>>2];Se[a]=t;var n=Kr(r);if(0==(0|n))var
o=0;else{Cr(i);var l=Xr(r,i,0,60,62);if(0==(0|l))var b=n;else var
k=Dr(r,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=n,Se[ne+4>>2]=l,ne)),b=k;var
b;Se[v>>2]=t,Se[a]=f,Se[_>>2]=s;var o=b}var o;return Oe=e,o}function Ur(r,a,e,i){var
v,t,a>>2;Se[e>>2]=0,Se[t]=0;var f=0==(18&i|0);do{if(f){var _r<<24>>24,s=1==((-
65)%2|0);if(0==(1&i|0)){if(s?Se[e>>2]=0|He.__str95265:v=14,65==(0|_)||66==(0|_){Se[t]=0|He.__str96266,v=21;
break}if(67==(0|_)||68==(0|_){Se[t]=0|He.__str97267,v=21;break}if(69==(0|_)||70==(0|_){Se[t]=0|He.__str98268,
v=21;break}if(71==(0|_)||72==(0|_){Se[t]=0|He.__str99269,v=21;break}if(73==(0|_)||74==(0|_){Se[t]=0|He.__str
100270,v=21;break}if(75==(0|_)||76==(0|_){v=21;break}if(77==(0|_){Se[t]=0|He.__str101271,v=21;break}var

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n=0;v=22;break }if(s?Se[e>>2]=0|He.__str88258:v=5,65==(0|_)||66==(0|_)){Se[t]=0|He.__str89259,v=21;break }if(6
7==(0|_)||68==(0|_)){Se[t]=0|He.__str90260,v=21;break }if(69==(0|_)||70==(0|_)){Se[t]=0|He.__str91261,v=21;brea
k }if(71==(0|_)||72==(0|_)){Se[t]=0|He.__str92262,v=21;break }if(73==(0|_)||74==(0|_)){Se[t]=0|He.__str93263,v=2
1;break }if(75==(0|_)||76==(0|_)){v=21;break }if(77==(0|_)){Se[t]=0|He.__str94264,v=21;break }var
n=0;v=22;break }v=21 }while(0);if(21==v)var n=1;var n;return n }function xr(r,a,e){ var i;Se[e>>2]=0;var
i=(r+12|0)>>2,v=Se[i];if(Ae[v]<<24>>24==69){Se[e>>2]=0|He.__str102272;var t=Se[i]+1|0;Se[i]=t;var f=t}else
var f=v;var f;Se[i]=f+1|0;var _=Ae[f]<<24>>24;if(65==(0|_)){Se[a>>2]=0;var s=1 }else
if(66==(0|_)){Se[a>>2]=0|He.__str103273;var s=1 }else if(67==(0|_)){Se[a>>2]=0|He.__str104274;var s=1 }else
if(68==(0|_)){Se[a>>2]=0|He.__str105275;var s=1 }else var s=0;var s;return s }function zr(r){ var
a,e,a=(r+12|0)>>2,i=r+40|0,v=r+20|0,t=0|i,f=r+44|0,_=r+48|0,s=r+52|0,n=r+56|0,o=r+20|0,l=r+24|0,b=r+16|0,k=0;r:
for(;;){ var k,u=Se[a],c=Ae[u];if(c<<24>>24==64){ var h=u+1|0;Se[a]=h;var d=1;break }var
w=c<<24>>24;do {if(0==(0|w)){ var d=0;break
r }if(48==(0|w)||49==(0|w)||50==(0|w)||51==(0|w)||52==(0|w)||53==(0|w)||54==(0|w)||55==(0|w)||56==(0|w)||57==(0|
w)){ var p=u+1|0;Se[a]=p;var E=(Ae[u]<<24>>24)-48|0,A=Yr(v,E),g=A,e=14;break }if(63==(0|w)){ var
y=u+1|0;Se[a]=y;var m=Ae[y]<<24>>24;if(36==(0|m)){ var S=u+2|0;Se[a]=S;var M=jr(r);if(0==(0|M)){ var
d=0;break r }var C=Fr(r,M,-1,v);if(0==(0|C)){ var d=0;break r }var R=M;e=15;break }if(63==(0|m)){ var
T=Se[t>>2],O=Se[f>>2],N=Se[_>>2],I=Se[s>>2],P=Se[n>>2],D=Se[o>>2],L=Se[l>>2];Cr(i);var
F=Ir(r);if(0==(0|F))var X=k;else var
j=Se[b>>2],U=Dr(r,0|He.__str109279,(ne=Oe,Oe+=4,Se[ne>>2]=j,ne)),X=U;var
X;Se[o>>2]=D,Se[l>>2]=L,Se[t>>2]=T,Se[f>>2]=O,Se[_>>2]=N,Se[s>>2]=I,Se[n>>2]=P;var g=X,e=14;break }var
x=Lr(r);if(0==(0|x)){ var d=0;break r }var
z=Dr(r,0|He.__str109279,(ne=Oe,Oe+=4,Se[ne>>2]=x,ne)),g=z,e=14;break }var
V=Kr(r),g=V,e=14;break }while(0);if(14==e){ var g;if(0==(0|g)){ var d=0;break }var R=g }var R,B=Fr(r,R,-
1,i);if(0==(0|B)){ var d=0;break }var k=R }var d;return d }function Vr(r){ var a,e,i,v=Oe;Oe+=36;var
t,f=v,i=f>>2,_=v+4,s=v+8,e=s>>2,n=v+16;Se[i]=0;var o=0|r,l=Se[o>>2],b=0==(128&l|0),k=r+12|0;do if(b){ var
u=Ae[Se[k>>2]]<<24>>24;if(48==(0|u))var c=0|He.__str76246,h=k,a=h>>2;else if(49==(0|u))var
c=0|He.__str77247,h=k,a=h>>2;else {if(50!=(0|u)){ var c=0,h=k,a=h>>2;break }var
c=0|He.__str78248,h=k,a=h>>2 } else var c=0,h=k,a=h>>2;while(0);var h,c,d=0==(512&l|0);do if(d){ if((Ae[Se[a]-
48&255&255]>=3){ var w=0;break }var w=0|He.__str79249 }else var w=0;while(0);var
w,p=Gr(r,0),E=Se[a],A=E+1|0;Se[a]=A;var
g=Ae[E]<<24>>24;do {if(48==(0|g)||49==(0|g)||50==(0|g)||51==(0|g)||52==(0|g)||53==(0|g)){ var
y=r+44|0,m=Se[y>>2];Cr(n);var S=Pr(r,s,n,0);if(0==(0|S)){ var M=0;t=28;break }var C=xr(r,f,_);if(0==(0|C)){ var
M=0;t=28;break }var R=Se[i],T=0==(0|R),O=Se[_>>2];do if(T)Se[i]=O;else {if(0==(0|O))break;var
N=Dr(r,0|He.__str83253,(ne=Oe,Oe+=8,Se[ne>>2]=R,Se[ne+4>>2]=O,ne));Se[i]=N }while(0);Se[y>>2]=m,t=22;br
eak }if(54==(0|g)||55==(0|g)){ var I=s+4|0;Se[I>>2]=0,Se[e]=0;var P=xr(r,f,_);if(0==(0|P)){ var
M=0;t=28;break }if(Ae[Se[a]]<<24>>24==64){ t=22;break }var D=qr(r);if(0==(0|D)){ var M=0;t=28;break }var
L=Dr(r,0|He.__str107277,(ne=Oe,Oe+=4,Se[ne>>2]=D,ne));Se[l>>2]=L,t=22;break }if(56==(0|g)||57==(0|g)){ Se[e
+1]=0,Se[e]=0,Se[i]=0,t=22;break }var M=0;t=28 }while(0);if(22==t){ var F=0==(4096&Se[o>>2]|0);do {if(F){ var
X=Se[e],j=Se[i];if(0==(0|j)){ var U=X;t=26;break }var
x=0!=(0|X)?0|He.__str87257:0,z=0|He.__str87257,V=j,B=x,H=X;t=27;break }Se[i]=0,Se[e+1]=0,Se[e]=0;var
U=0;t=26;break }while(0);if(26==t)var U,K=0!=(0|U)?0|He.__str87257:0,z=K,V=0,B=0,H=U;var
H,B,V,z,Y=Se[e+1],G=Dr(r,0|He.__str108278,(ne=Oe,Oe+=32,Se[ne>>2]=c,Se[ne+4>>2]=w,Se[ne+8>>2]=H,Se[n
e+12>>2]=B,Se[ne+16>>2]=V,Se[ne+20>>2]=z,Se[ne+24>>2]=p,Se[ne+28>>2]=Y,ne));Se[r+16>>2]=G;var
M=1 }var M;return Oe=v,M }function Br(r,a){ var e,i,v,t,f=Oe;Oe+=44;var
_,s=f,t=s>>2,n=f+8,o=f+12,v=o>>2,l=f+16,b=f+20,k=f+40;Se[v]=0;var i=(r+12|0)>>2,u=Se[i],c=u+1|0;Se[i]=c;var
h=ge[u],d=h<<24>>24,w=(h-65&255&255)>25;r:do if(w)var p=0;else { var
e=(0|r)>>2,E=Me[e],A=0==(128&E|0),g=d-65|0;do if(A){ var y=g/8|0;if(0==(0|y))var m=0|He.__str76246,S=g;else
if(1==(0|y))var m=0|He.__str77247,S=g;else {if(2!=(0|y)){ var m=0,S=g;break }var m=0|He.__str78248,S=g } }else

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var m=0,S=g;while(0);var S,m,M=0==(512&E|0)&&h<<24>>24<89,C=(0|S)%8;do if(M)if(2==(0|C)||3==(0|C))var
R=m,T=0|He.__str79249;else if(4==(0|C)||5==(0|C))var R=m,T=0|He.__str80250;else {if(6!=(0|C)&&7!=(0|C)){var
R=m,T=0;break }var O=Dr(r,0|He.__str81251,(ne=Oe,Oe+=4,Se[ne>>2]=m,ne)),R=O,T=0|He.__str80250}else var
R=m,T=0;while(0);var T,R,N=Gr(r,0),I=6==(0|C);do {if(I){if(7==((d-56)%8|0)){_=14;break }var
P=N;_=15;break }_=14}while(0);if(14==_)var
D=Lr(r),L=Dr(r,0|He.__str82252,(ne=Oe,Oe+=8,Se[ne>>2]=N,Se[ne+4>>2]=D,ne)),P=L;var
P,F=h<<24>>24>88;do if(F)var X=0;else {if((C-2|0)>>>0<2){var X=0;break }var j=xr(r,o,k);if(0==(0|j)){var
p=0;break r}var U=Me[v],x=Se[k>>2];if(0==(0|U)&0==(0|x)){var X=0;break }var
z=Dr(r,0|He.__str83253,(ne=Oe,Oe+=8,Se[ne>>2]=U,Se[ne+4>>2]=x,ne));Se[v]=z;var X=z}while(0);var
X,V=Se[i],B=V+1|0;Se[i]=B;var H=Ae[V],K=Se[e],Y=Ur(H,n,l,K);if(0==(0|Y)){var p=0;break }Cr(b);var
G=Se[i];if(Ae[G]<<24>>24==64){Se[t]=0|He.__str84254,Se[t+1]=0;var W=G+1|0;Se[i]=W}else {var
Z=Pr(r,s,b,0);if(0==(0|Z)){var p=0;break }if(0!=(4&Se[e]|0)&&(Se[t+1]=0,Se[t]=0),0==(0|a))var Q=P;else {var
q=0|s,$=Se[q>>2],J=s+4|0,rr=Se[J>>2],ar=Dr(r,0|He.__str85255,(ne=Oe,Oe+=12,Se[ne>>2]=P,Se[ne+4>>2]=$,Se[
ne+8>>2]=rr,ne));Se[J>>2]=0,Se[q>>2]=0;var Q=ar }var
Q,er=r+44|0,ir=Se[er>>2],vr=Xr(r,b,1,40,41);if(0==(0|vr)){var p=0;break }if(0==(4096&Se[e]|0))var
tr=vr,fr=X;else {Se[v]=0;var tr=0,fr=0}var fr,tr,Se[er>>2]=ir;var _r=Se[t],sr=Se[t+1];if(0==(0|_r))var nr=0;else var
or=0!=(0|sr)?0:0|He.__str87257,nr=or;var
nr,lr=Se[n>>2],br=0!=(0|lr)?0|He.__str87257:0,kr=Se[l>>2],ur=Dr(r,0|He.__str86256,(ne=Oe,Oe+=44,Se[ne>>2]=
R,Se[ne+4>>2]=T,Se[ne+8>>2]=_r,Se[ne+12>>2]=nr,Se[ne+16>>2]=lr,Se[ne+20>>2]=br,Se[ne+24>>2]=kr,Se[ne
+28>>2]=Q,Se[ne+32>>2]=tr,Se[ne+36>>2]=fr,Se[ne+40>>2]=sr,ne));Se[r+16>>2]=ur;var p=1 }while(0);var
p;return Oe=f,p}function Hr(r){var a,a=(r+12|0)>>2,e=Se[a];if(Ae[e]<<24>>24==36)var
i=e;else {Xa(0|He.__str72242,1252,0|He.__func__handle_template,0|He.__str74244);var i=Se[a]}var
i;Se[a]=i+1|0;var v=Kr(r),t=0==(0|v);do if(t)var f=0;else {var _=Xr(r,0,0,60,62);if(0==(0|_)){var f=0;break }var
s=Dr(r,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=v,Se[ne+4>>2]=_,ne));Se[r+16>>2]=s;var f=1 }while(0);var
f;return f}function Kr(r){for(var a,a=(r+12|0)>>2,e=Me[a],i=e,v=Ae[e];){var v,i;if(!((v-65&255&255)<26|(v-
97&255&255)<26|(v-48&255&255)<10)&&v<<24>>24!=95&&v<<24>>24!=36){var t=0;break }var
f=i+1|0;Se[a]=f;var _=ge[f];if(_<<24>>24==64){Se[a]=i+2|0;var s=f-e|0,n=r+20|0,o=Fr(r,e,s,n);if(0==(0|o)){var
t=0;break }var l=Se[r+24>>2]-1-Se[n>>2]|0,b=Yr(n,l),t=b;break }var i=f,v=_ }var t;return t}function
Yr(r,a){0==(0|r)&&Xa(0|He.__str72242,263,0|He.__func__str_array_get_ref,0|He.__str75245);var
e=Se[r>>2]+a|0;if(e>>>0<Me[r+8>>2]>>>0)var i=Se[Se[r+16>>2]+(e<<2)>>2];else var i=0;var i;return i}function
Gr(r,a){var e,e=(r+44|0)>>2,i=Me[e];if(i>>>0<a>>>0){for(var v=v+r+56|0,t=a,f=0,_=Se[v>>2],s=i;){var
s,_,f,t,n=Me[_+(t<<2)>>2];if(0==(0|n)){Xa(0|He.__str72242,680,0|He.__func__get_class_string,0|He.__str10627
6);var o=Se[v>>2],l=o,b=Se[o+(t<<2)>>2],k=Se[e]}else var l=_,b=n,k=s;var
k,b,l,u=Ca(b),c=u+(f+2)|0,h=t+1|0;if(h>>>0<k>>>0)break;var t=h,f=c,_,l,s=k }var d=c-1|0}else var d=-1;var
d,w=Wv(r,d);if(0==(0|w))var p=0;else {var E=Se[e]-1|0,A=(0|E)<(0|a);r:do if(A)var g=0;else for(var
y=r+56|0,m=0,S=E;){var S,m,M=Se[Se[y>>2]+(S<<2)>>2],C=Ca(M),R=w+m|0;Pa(R,M,C,1);var
T=C+m|0;if((0|S)>(0|a)){var O=T+1|0;Ae[w+T|0]=58;var N=T+2|0;Ae[w+O|0]=58;var I=N}else var I=T;var I,P=S-
1|0;if((0|P)<(0|a)){var g=I;break r}var m=I,S=P}while(0);var g;Ae[w+g|0]=0;var p=w }var p;return p}function
Wr(r,a){var e,i=a>>>0>1020;do if(i){var v=Se[r+4>>2],t=a+4|0,f=pe[v](t);if(0==(0|f)){var _=0;break }var
s=r+60|0,n=Se[s>>2],o=f;Se[o>>2]=n,Se[s>>2]=f,Se[r+64>>2]=0;var _=f+4|0}else {var
e=(r+64|0)>>2,l=Me[e];if(l>>>0<a>>>0){var b=Se[r+4>>2],k=pe[b](1024);if(0==(0|k)){var _=0;break }var
u=r+60|0,c=Se[u>>2],h=k;Se[h>>2]=c,Se[u>>2]=k,Se[e]=1020;var d=1020,w=k}else var d=l,w=Se[r+60>>2];var
w,d;Se[e]=d-a|0;var _=w+(1024-d)|0}while(0);var _;return _}function Zr(r){var a=r<<24>>24;if(68==(0|a))var
e=0|He.__str157327;else if(69==(0|a))var e=0|He.__str158328;else if(70==(0|a))var e=0|He.__str159329;else
if(71==(0|a))var e=0|He.__str160330;else if(72==(0|a))var e=0|He.__str161331;else if(73==(0|a))var
e=0|He.__str162332;else if(74==(0|a))var e=0|He.__str163333;else if(75==(0|a))var e=0|He.__str164334;else
if(76==(0|a))var e=0|He.__str165335;else if(77==(0|a))var e=0|He.__str166336;else if(78==(0|a))var
e=0|He.__str167337;else if(87==(0|a))var e=0|He.__str168338;else var e=0;var e;return e}function Qr(r){var

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a=r<<24>>24;if(67==(0|a))var e=0|He.__str145315;else if(68==(0|a))var e=0|He.__str146316;else if(69==(0|a))var
e=0|He.__str147317;else if(70==(0|a))var e=0|He.__str148318;else if(71==(0|a))var e=0|He.__str149319;else
if(72==(0|a))var e=0|He.__str150320;else if(73==(0|a))var e=0|He.__str151321;else if(74==(0|a))var
e=0|He.__str152322;else if(75==(0|a))var e=0|He.__str153323;else if(77==(0|a))var e=0|He.__str154324;else
if(78==(0|a))var e=0|He.__str155325;else if(79==(0|a))var e=0|He.__str156326;else if(88==(0|a))var
e=0|He.__str84254;else if(90==(0|a))var e=0|He.__str110280;else var e=0;var e;return e}function qr(r){ var
a=r+44|0,e=Se[a>>2],i=zr(r);if(0==(0|i))var v=0;else var t=Gr(r,e),v=t;var v;return Se[a>>2]=e,v}function
$r(r,a,e,i,v){ var t,f,_s=Oe;Oe+=16;var n,o=s,_o>>2,l=s+4,b=s+8,f=b>>2;Se[l>>2]=0|ii;var
t=(a+12|0)>>2,k=Se[t];if(Ae[k]<<24>>24==69){ Se[l>>2]=0|He.__str134304;var u=k+1|0;Se[t]=u;var
c=0|He.__str134304}else var c=0|ii;var c,h=i<<24>>24;do{if(65==(0|h)){ var
d=Dr(a,0|He.__str135305,(ne=Oe,Oe+=4,Se[ne>>2]=c,ne)),w=d;n=10;break}if(66==(0|h)){ var
p=Dr(a,0|He.__str136306,(ne=Oe,Oe+=4,Se[ne>>2]=c,ne)),w=p;n=10;break}if(80==(0|h)){ var
E=Dr(a,0|He.__str137307,(ne=Oe,Oe+=4,Se[ne>>2]=c,ne)),w=E;n=10;break}if(81==(0|h)){ var
A=Dr(a,0|He.__str138308,(ne=Oe,Oe+=4,Se[ne>>2]=c,ne)),w=A;n=10;break}if(82==(0|h)){ var
g=Dr(a,0|He.__str139309,(ne=Oe,Oe+=4,Se[ne>>2]=c,ne)),w=g;n=10;break}if(83==(0|h)){ var
y=Dr(a,0|He.__str140310,(ne=Oe,Oe+=4,Se[ne>>2]=c,ne)),w=y;n=10;break}if(63==(0|h)){ var w=0|ii;n=10} else
n=31}while(0);r:do if(10==n){ var w,m=xr(a,o,l);if(0==(0|m))break;var
S=a+44|0,M=Se[S>>2],C=Se[t],R=Ae[C]<<24>>24==89;a:do if(R){ var T=C+1|0;Se[t]=T;var
O=Lr(a);if(0==(0|O))break r;var
N=Ha(O),I=Ae[w]<<24>>24==32,P=Se[_],D=0==(0|P);do{if(I){if(!D){ n=17;break}var
L=w+1|0;n=18;break}if(D){ var L=w;n=18;break}n=17;break}while(0);if(17==n){ var
F=Dr(a,0|He.__str141311,(ne=Oe,Oe+=8,Se[ne>>2]=P,Se[ne+4>>2]=w,ne));Se[_]=0;var X=F}else if(18==n)var
L,j=Dr(a,0|He.__str142312,(ne=Oe,Oe+=4,Se[ne>>2]=L,ne)),X=j;var X;if(0==(0|N)){ var U=X;break}for(var
x=X,z=N;){ var z,x,V=z-
1|0,B=Lr(a),H=Dr(a,0|He.__str143313,(ne=Oe,Oe+=8,Se[ne>>2]=x,Se[ne+4>>2]=B,ne));if(0==(0|V)){ var
U=H;break a}var x=H,z=V} }else var U=w;while(0);var U,K=Pr(a,b,e,0);if(0==(0|K))break;var
Y=Se[_];if(0==(0|Y)){ var G=0==(0|v);do if(G){if(Ae[U]<<24>>24==0){ var W=U;break}var
Z=U+1|0;if(Ae[Z]<<24>>24!=42){ var W=U;break}var Q=Se[f],q=Ca(Q);if(Ae[Q+(q-1)|0]<<24>>24!=42){ var
W=U;break}var W=Z}else var W=U;while(0);var
W,$=Se[f],J=Dr(a,0|He.__str170,(ne=Oe,Oe+=8,Se[ne>>2]=$,Se[ne+4>>2]=W,ne));Se[r>>2]=J}else{ var
rr=Se[f],ar=Dr(a,0|He.__str144314,(ne=Oe,Oe+=12,Se[ne>>2]=rr,Se[ne+4>>2]=Y,Se[ne+8>>2]=U,ne));Se[r>>2]=
ar}var er=Se[f+1];Se[r+4>>2]=er,Se[S>>2]=M}while(0);Oe=s}function Jr(r){ var
a,e=r>>>0<245;do{if(e){if(r>>>0<11)var i=16;else var i=r+11&-8;var
i,v=i>>>3,t=Me[vi>>2],f=t>>>(v>>>0);if(0!=(3&f0))){ var
_=(1&f^1)+v|0,s=<<1,n=(s<<2)+vi+40|0,o=(s+2<<2)+vi+40|0,l=Me[o>>2],b=l+8|0,k=Me[b>>2];if((0|n)==(0|k))S
e[vi>>2]=t&(1<<^-1);else{if(k>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached an
unreachable!";Se[o>>2]=k,Se[k+12>>2]=n}var u=<<3;Se[l+4>>2]=3|u;var
c=l+(4|u)|0,h=1|Se[c>>2];Se[c>>2]=h;var d=b;a=38;break}if(i>>>0<=Me[vi+8>>2]>>>0){ var
w=i;a=30;break}if(0!=(0|f)){ var p=2<<<v,E=f<<<v&(p|p),A=(E&-E)-
1|0,g=A>>>12&16,y=A>>>(g>>>0),m=y>>>5&8,S=y>>>(m>>>0),M=S>>>2&4,C=S>>>(M>>>0),R=C>>>1&2,
T=C>>>(R>>>0),O=T>>>1&1,N=(m|g|M|R|O)+(T>>>(O>>>0))|0,I=N<<1,P=(I<<2)+vi+40|0,D=(I+2<<2)+vi+40|
0,L=Me[D>>2],F=L+8|0,X=Me[F>>2];if((0|P)==(0|X))Se[vi>>2]=t&(1<<N^
1);else{if(X>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached an unreachable!";Se[D>>2]=X,Se[X+12>>2]=P}var
j=N<<3,U=j-i|0;Se[L+4>>2]=3|i;var x=L,z=x+i|0;Se[x+(4|i)>>2]=1|U,Se[x+j>>2]=U;var
V=Me[vi+8>>2];if(0!=(0|V)){ var
B=Se[vi+20>>2],H=V>>>2&1073741822,K=(H<<2)+vi+40|0,Y=Me[vi>>2],G=1<<(V>>>3),W=0==(Y&G|0);do{
if(!W){ var Z=(H+2<<2)+vi+40|0,Q=Me[Z>>2];if(Q>>>0>=Me[vi+16>>2]>>>0){ var q=Q,$=Z;break}throw
Ka(),"Reached an unreachable!"}Se[vi>>2]=Y|G;var q=K,$=(H+2<<2)+vi+40|0}while(0);var

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$,q;Se[$>>2]=B,Se[q+12>>2]=B;var J=B+8|0;Se[J>>2]=q;var
rr=B+12|0;Se[rr>>2]=K}Se[vi+8>>2]=U,Se[vi+20>>2]=z;var d=F;a=38;break}if(0==(0|Se[vi+4>>2])){var
w=i;a=30;break}var ar=ra(i);if(0==(0|ar)){var w=i;a=30;break}var d=ar;a=38;break}if(r>>>0>4294967231){var
w=-1;a=30;break}var er=r+11&-8;if(0==(0|Se[vi+4>>2])){var w=er;a=30;break}var ir=ea(er);if(0==(0|ir)){var
w=er;a=30;break}var d=ir;a=38;break}while(0);if(30==a){var w,vr=Me[vi+8>>2];if(w>>>0>vr>>>0){var
tr=Me[vi+12>>2];if(w>>>0<tr>>>0){var fr=tr-w|0;Se[vi+12>>2]=fr;var
_r=Me[vi+24>>2],sr=_r;Se[vi+24>>2]=sr+w|0,Se[w+(sr+4)>>2]=1|fr,Se[_r+4>>2]=3|w;var d=_r+8|0}else var
nr=aa(w),d=nr}else{var or=vr-w|0,lr=Me[vi+20>>2];if(or>>>0>15){var
br=lr;Se[vi+20>>2]=br+w|0,Se[vi+8>>2]=or,Se[w+(br+4)>>2]=1|or,Se[br+vr>>2]=or,Se[lr+4>>2]=3|w}else{Se[vi
+8>>2]=0,Se[vi+20>>2]=0,Se[lr+4>>2]=3|vr;var kr=vr+(lr+4)|0,ur=1|Se[kr>>2];Se[kr>>2]=ur}var d=lr+8|0}var
d;return d}function ra(r){var a,e,i,v=Se[vi+4>>2],t=(v&-v)-
1|0,f=t>>>12&16,_t=t>>>(f>>>0),s=_t>>>5&8,n=_t>>>(s>>>0),o=n>>>2&4,l=n>>>(o>>>0),b=l>>>1&2,k=l>>>(b
>>>0),u=k>>>1&1,c=Me[vi+((s|f|o|b|u)+(k>>>(u>>>0))<<2)+304>>2],h=c,e=h>>2,d=(Se[c+4>>2]&-8)-
r|0;r:for(;;)for(var d,h,w=h;){var w,p=Se[w+16>>2];if(0==(0|p)){var E=Se[w+20>>2];if(0==(0|E))break r;var
A=E}else var A=p;var A,g=(Se[A+4>>2]&-8)-r|0;if(g>>>0<d>>>0){var h=A,e=h>>2,d=g;continue r}var w=A}var
y=h,m=Me[vi+16>>2],S=y>>>0<m>>>0;do if(!S){var M=y+r|0,C=M;if(y>>>0>=M>>>0)break;var
R=Me[e+6],T=Me[e+3],O=(0|T)==(0|h);do if(O){var N=h+20|0,I=Se[N>>2];if(0==(0|I)){var
P=h+16|0,D=Se[P>>2];if(0==(0|D)){var L=0,a=L>>2;break}var F=P,X=D}else{var F=N,X=I;i=14}for(;;){var
X,F,j=X+20|0,U=Se[j>>2];if(0==(0|U)){var x=X+16|0,z=Me[x>>2];if(0==(0|z))break;var F=x,X=z}else var
F=j,X=U}if(F>>>0<m>>>0)throw Ka(),"Reached an unreachable!";Se[F>>2]=0;var L=X,a=L>>2}else{var
V=Me[e+2];if(V>>>0<m>>>0)throw Ka(),"Reached an unreachable!";Se[V+12>>2]=T,Se[T+8>>2]=V;var
L=T,a=L>>2}while(0);var L,B=0==(0|R);r:do if(!B){var
H=h+28|0,K=(Se[H>>2]<<2)+vi+304|0,Y=(0|h)==(0|Se[K>>2]);do{if(Y){if(Se[K>>2]=L,0!=(0|L))break;var
G=Se[vi+4>>2]&(1<<Se[H>>2]^1);Se[vi+4>>2]=G;break r}if(R>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached
an unreachable!";var W=R+16|0;if((0|Se[W>>2])==(0|h)?Se[W>>2]=L:Se[R+20>>2]=L,0==(0|L))break
r}while(0);if(L>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached an unreachable!";Se[a+6]=R;var
Z=Me[e+4];if(0!=(0|Z)){if(Z>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached an
unreachable!";Se[a+4]=Z,Se[Z+24>>2]=L}var
Q=Me[e+5];if(0==(0|Q))break;if(Q>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached an
unreachable!";Se[a+5]=Q,Se[Q+24>>2]=L}while(0);if(d>>>0<16){var q=d+r|0;Se[e+1]=3|q;var
$=q+(y+4)|0,J=1|Se[$>>2];Se[$>>2]=J}else{Se[e+1]=3|r,Se[r+(y+4)>>2]=1|d,Se[y+d+r>>2]=d;var
rr=Me[vi+8>>2];if(0!=(0|rr)){var
ar=Me[vi+20>>2],er=rr>>>2&1073741822,ir=(er<<2)+vi+40|0,vr=Me[vi>>2],tr=1<<(rr>>>3),fr=0==(vr&tr|0);do{
if(!fr){var _r=(er+2<<2)+vi+40|0,sr=Me[_r>>2];if(sr>>>0>=Me[vi+16>>2]>>>0){var nr=sr,or=_r;break}throw
Ka(),"Reached an unreachable!";Se[vi>>2]=vr|tr;var nr=ir,or=(er+2<<2)+vi+40|0}while(0);var
or,nr;Se[or>>2]=ar,Se[nr+12>>2]=ar,Se[ar+8>>2]=nr,Se[ar+12>>2]=ir}Se[vi+8>>2]=d,Se[vi+20>>2]=C}return
h+8|0}while(0);throw Ka(),"Reached an unreachable!"}function aa(r){var a,e;0==(0|Se[ti>>2])&&ba();var
i=0==(4&Se[vi+440>>2]|0);do{if(i){var v=Se[vi+24>>2],t=0==(0|v);do{if(!t){var
f=v,_=ua(f);if(0==(0|_)){e=6;break}var s=Se[ti+8>>2],n=r+47-Se[vi+12>>2]+s&-
s;if(n>>>0>=2147483647){e=14;break}var o=re(n);if((0|o)==(Se[_>>2]+Se[_+4>>2]|0)){var
l=o,b=n,k=o;e=13;break}var u=o,c=n;e=15;break}e=6}while(0);do if(6==e){var h=re(0);if((0|h)==-
1){e=14;break}var d=Se[ti+8>>2],w=d+(r+47)&-d,p=h,E=Se[ti+4>>2],A=E-1|0;if(0==(A&p|0))var g=w;else var
g=w-p+(A+p&-E)|0;var g;if(g>>>0>=2147483647){e=14;break}var y=re(g);if((0|y)==(0|h)){var
l=h,b=g,k=y;e=13;break}var u=y,c=g;e=15;break}while(0);if(13==e){var k,b,l;if((0|l)!=-1){var
m=b,S=l;e=26;break}var u=k,c=b}else if(14==e){var M=4|Se[vi+440>>2];Se[vi+440>>2]=M,e=23;break}var
c,u,C=0|-c,R=(0|u)!=-1&c>>>0<2147483647;do{if(R){if(c>>>0>=(r+48|0)>>>0){var T=c;e=21;break}var
O=Se[ti+8>>2],N=r+47-c+O&-O;if(N>>>0>=2147483647){var T=c;e=21;break}var I=re(N);if((0|I)==-
1){re(C);e=22;break}var T=N+c|0;e=21;break}var T=c;e=21}while(0);if(21==e){var T;if((0|u)!=-1){var

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m=T,S=u;e=26;break } var P=4[Se[vi+440>>2];Se[vi+440>>2]=P,e=23;break }e=23 }while(0);do if(23===e){ var
D=Se[ti+8>>2],L=D+(r+47)&-D;if(L>>>0>=2147483647){e=49;break } var F=re(L),X=re(0);if(!((0|X)!=-
1&(0|F)!=-1&F>>>0<X>>>0)){e=49;break } var j=X-F|0;if(j>>>0<=(r+40|0)>>>0|(0|F)=-1){e=49;break } var
m=j,S=F;e=26;break } while(0);r:do if(26===e){ var
S,m,U=Se[vi+432>>2]+m|0;Se[vi+432>>2]=U,U>>>0>Me[vi+436>>2]>>>0&&(Se[vi+436>>2]=U);var
x=Me[vi+24>>2],z=0==(0|x);a:do if(z){ var
V=Me[vi+16>>2];0==(0|V)|S>>>0<V>>>0&&(Se[vi+16>>2]=S),Se[vi+444>>2]=S,Se[vi+448>>2]=m,Se[vi+456
>>2]=0;var B=Se[ti>>2];Se[vi+36>>2]=B,Se[vi+32>>2]=-1,ha(),ca(S,m-40|0)}else{for(var
H=vi+444|0,a=H>>2;){ var H;if(0==(0|H))break;var
K=Me[a],Y=H+4|0,G=Me[Y>>2],W=K+G|0;if((0|S)==(0|W)){ if(0!=(8&Se[a+3|0))break;var
Z=x;if(!(Z>>>0>=K>>>0&Z>>>0<W>>>0))break;Se[Y>>2]=G+m|0;var
Q=Se[vi+24>>2],q=Se[vi+12>>2]+m|0;ca(Q,q);break a } var
H=Se[a+2],a=H>>2 }S>>>0<Me[vi+16>>2]>>>0&&(Se[vi+16>>2]=S);for(var $=S+m|0,J=vi+444|0;){ var
J;if(0==(0|J))break;var rr=0|J,ar=Me[rr>>2];if((0|ar)==(0|$)){ if(0!=(8&Se[J+12>>2|0))break;Se[rr>>2]=S;var
er=J+4|0,ir=Se[er>>2]+m|0;Se[er>>2]=ir;var vr=da(S,ar,r),tr=vr;e=50;break r } var
J=Se[J+8>>2]}Ma(S,m)} while(0);var fr=Me[vi+12>>2];if(fr>>>0<=r>>>0){ e=49;break } var _r=fr-
r|0;Se[vi+12>>2]=_r;var sr=Me[vi+24>>2],nr=sr;Se[vi+24>>2]=nr+r|0,Se[r+(nr+4)>>2]=1|_r,Se[sr+4>>2]=3|r;var
tr=sr+8|0;e=50;break } while(0);if(49===e){ var or=Je();Se[or>>2]=12;var tr=0 } var tr;return tr}function ea(r){ var
a,e,i,v,t,f,_r>>2,s=0|-r,n=r>>>8,o=0==(0|n);do if(o)var l=0;else{ if(r>>>0>16777215){ var l=31;break } var
b=(n+1048320|0)>>>16&8,k=n<<b,u=(k+520192|0)>>>16&4,c=k<<u,h=(c+245760|0)>>>16&2,d=14-
(u|b|h)+(c<<h>>>15)|0,l=r>>>((d+7|0)>>>0)&1|d<<1 } while(0);var l,w=Me[vi+(l<<2)+304>>2],p=0==(0|w);r:do
if(p)var E=0,A=s,g=0;else{ if(31==(0|l))var y=0;else var y=25-(l>>>1)|0;for(var
y,m=0,S=s,M=w,t=M>>2,C=r<<y,R=0;){ var R,C,M,S,m,T=Se[t+1]&-8,O=T-
r|0;if(O>>>0<S>>>0){ if((0|T)==(0|r)){ var E=M,A=O,g=M;break r } var N=M,I=O} else var N=m,I=S;var
I,N,P=Me[t+5],D=Me[((C>>>31<<2)+16>>2)+t],L=0==(0|P)|(0|P)==(0|D)?R:P;if(0==(0|D)){ var
E=N,A=I,g=L;break r } var m=N,S=I,M=D,t=M>>2,C=C<<1,R=L } } while(0);var g,A,E,F=0==(0|g)&0==(0|E);do
if(F){ var X=2<<l,j=Se[vi+4>>2]&(X|X);if(0==(0|j)){ var U=g;break } var x=(j&-j)-
1|0,z=x>>>12&16,V=x>>>(z>>>0),B=V>>>5&8,H=V>>>(B>>>0),K=H>>>2&4,Y=H>>>(K>>>0),G=Y>>>1&2
,W=Y>>>(G>>>0),Z=W>>>1&1,U=Se[vi+((B|z|K|G|Z)+(W>>>(Z>>>0))<<2)+304>>2]}else var
U=g;while(0);var U,Q=0==(0|U);r:do if(Q)var q=A,$=E,v=$>>2;else for(var J=U,i=J>>2,rr=A,ar=E;){ var
ar,rr,J,er=(Se[i+1]&-8)-r|0,ir=er>>>0<rr>>>0,vr=ir?er:rr,fr=Me[i+4];if(0==(0|fr)){ var
_r=Me[i+5];if(0==(0|_r)){ var q=vr,$=tr,v=$>>2;break r } var J=_r,i=J>>2,rr=vr,ar=tr} else var
J=fr,i=J>>2,rr=vr,ar=tr} while(0);var $,q,sr=0==(0|$);r:do {if(!sr){ if(q>>>0>=(Se[vi+8>>2]-r|0)>>>0){ var
nr=0;break } var or=$,e=or>>2,lr=Me[vi+16>>2],br=or>>>0<lr>>>0;do if(!br){ var
kr=or+r|0,ur=kr;if(or>>>0>=kr>>>0)break;var cr=Me[v+6],hr=Me[v+3],dr=(0|hr)==(0|$);do if(dr){ var
wr=$+20|0,pr=Se[wr>>2];if(0==(0|pr)){ var Er=$+16|0,Ar=Se[Er>>2];if(0==(0|Ar)){ var gr=0,a=gr>>2;break } var
yr=Er,mr=Ar} else{ var yr=wr,mr=pr;f=28 } for(;;){ var mr,yr,Sr=mr+20|0,Mr=Se[Sr>>2];if(0==(0|Mr)){ var
Cr=mr+16|0,Rr=Me[Cr>>2];if(0==(0|Rr))break;var yr=Cr,mr=Rr} else var yr=Sr,mr=Mr} if(yr>>>0<lr>>>0)throw
Ka(),"Reached an unreachable!";Se[yr>>2]=0;var gr=mr,a=gr>>2} else{ var Tr=Me[v+2];if(Tr>>>0<lr>>>0)throw
Ka(),"Reached an unreachable!";Se[Tr+12>>2]=hr,Se[hr+8>>2]=Tr;var gr=hr,a=gr>>2 } while(0);var
gr,Or=0==(0|cr);a:do if(!Or){ var
Nr=$+28|0,Ir=(Se[Nr>>2]<<2)+vi+304|0,Pr=(0|$)==(0|Se[Ir>>2]);do {if(Pr){ if(Se[Ir>>2]=gr,0!=(0|gr))break;var
Dr=Se[vi+4>>2]&(1<<Se[Nr>>2]^1);Se[vi+4>>2]=Dr;break a } if(cr>>>0<Me[vi+16>>2]>>>0)throw
Ka(),"Reached an unreachable!";var
Lr=cr+16|0;if((0|Se[Lr>>2])==(0|$)?Se[Lr>>2]=gr:Se[cr+20>>2]=gr,0==(0|gr))break
a } while(0);if(gr>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached an unreachable!";Se[a+6]=cr;var
Fr=Me[v+4];if(0!=(0|Fr)){ if(Fr>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached an
unreachable!";Se[a+4]=Fr,Se[Fr+24>>2]=gr } var

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Xr=Me[v+5];if(0==(0|Xr))break;if(Xr>>>0<Me[vi+16>>>2]>>>0)throw Ka(),"Reached an
unreachable!";Se[a+5]=Xr,Se[Xr+24>>>2]=gr }while(0);var jr=q>>>0<16;a:do if(jr){ var
Ur=q+r|0;Se[v+1]=3|Ur;var xr=Ur+(or+4)|0,zr=1|Se[xr>>>2];Se[xr>>>2]=zr}else
if(Se[v+1]=3|r,Se[_+(e+1)]=1|q,Se[(q>>>2)+e+]=q,q>>>0<256){ var
Vr=q>>>2&1073741822,Br=(Vr<<<2)+vi+40|0,Hr=Me[vi>>>2],Kr=1<<<(q>>>3),Yr=0==(Hr&Kr|0);do{if(!Yr){ var
Gr=(Vr+2<<<2)+vi+40|0,Wr=Me[Gr>>>2];if(Wr>>>0>=Me[vi+16>>>2]>>>0){ var Zr=Wr,Qr=Gr;break }throw
Ka(),"Reached an unreachable!" }Se[vi>>>2]=Hr|Kr;var Zr=Br,Qr=(Vr+2<<<2)+vi+40|0}while(0);var
Qr,Zr;Se[Qr>>>2]=ur,Se[Zr+12>>>2]=ur,Se[_+(e+2)]=Zr,Se[_+(e+3)]=Br}else{ var qr=kr,$r=q>>>8,Jr=0==(0|$r);do
if(Jr)var ra=0;else{if(q>>>0>16777215){ var ra=31;break }var
aa=(($r+1048320|0)>>>16&8,ea=$r<<<aa,ia=(ea+520192|0)>>>16&4,va=ea<<<ia,ta=(va+245760|0)>>>16&2,fa=14-
(ia|aa|ta)+(va<<<ta)>>>15)|0,ra=q>>>((fa+7|0)>>>0)&1|fa<<<1 }while(0);var
ra,_a=(ra<<<2)+vi+304|0;Se[_+(e+7)]=ra;var sa=r+(or+16)|0;Se[_+(e+5)]=0,Se[sa>>>2]=0;var
na=Se[vi+4>>>2],oa=1<<<ra;if(0==(na&oa|0)){ var
la=na|oa;Se[vi+4>>>2]=la,Se[_a>>>2]=qr,Se[_+(e+6)]=_a,Se[_+(e+3)]=qr,Se[_+(e+2)]=qr}else{if(31==(0|ra))var
ba=0;else var ba=25-(ra>>>1)|0;for(var ba,ka=q<<<ba,ua=Se[_a>>>2];){ var ua,ka;if((Se[ua+4>>>2]&-
8|0)==(0|q)){ var ca=ua+8|0,ha=Me[ca>>>2],da=Me[vi+16>>>2],wa=ua>>>0<da>>>0;do
if(!wa){if(ha>>>0<da>>>0)break;Se[ha+12>>>2]=qr,Se[ca>>>2]=qr,Se[_+(e+2)]=ha,Se[_+(e+3)]=ua,Se[_+(e+6)]=0;
break a }while(0);throw Ka(),"Reached an unreachable!" }var
pa=(ka>>>31<<<2)+ua+16|0,Ea=Me[pa>>>2];if(0==(0|Ea)){if(pa>>>0>=Me[vi+16>>>2]>>>0){ Se[pa>>>2]=qr,Se[_+(
e+6)]=ua,Se[_+(e+3)]=qr,Se[_+(e+2)]=qr;break a }throw Ka(),"Reached an unreachable!" }var
ka=ka<<<1,ua=Ea } }while(0);var nr=$+8|0;break r }while(0);throw Ka(),"Reached an unreachable!" }var
nr=0}while(0);var nr;return nr }function ia(r){ var a;0==(0|Se[ti>>>2])&&ba();var e=r>>>0<4294967232;r:do
if(e){ var i=Me[vi+24>>>2];if(0==(0|i)){ var v=0;break }var t=Me[vi+12>>>2],f=t>>>0>(r+40|0)>>>0;do if(f){ var
_=Me[ti+8>>>2],s=-40-r-1+t+_|0,n=Math.floor((s>>>0)/(_>>>0)),o=(n-
1)*_|0,l=i,b=ua(l);if(0!=(8&Se[b+12>>>2]|0))break;var
k=re(0),a=(b+4|0)>>>2;if((0|k)!=(Se[b>>>2]+Se[a]|0))break;var u=o>>>0>2147483646?-2147483648-_|0;o,c=0|
-u,h=re(c),d=re(0);if(!((0|h)!=-1&d>>>0<k>>>0))break;var w=k-d|0;if((0|k)==(0|d))break;var p=Se[a]-
w|0;Se[a]=p;var E=Se[vi+432>>>2]-w|0;Se[vi+432>>>2]=E;var A=Se[vi+24>>>2],g=Se[vi+12>>>2]-w|0;ca(A,g);var
v=(0|k)!=(0|d);break r }while(0);if(Me[vi+12>>>2]>>>0<=Me[vi+28>>>2]>>>0){ var v=0;break }Se[vi+28>>>2]=-1;var
v=0}else var v=0;while(0);var v;return 1&v }function va(r){ var a,e,i,v,t,f,_,s=r>>>2,n=0==(0|r);r:do if(!n){ var o=r-
8|0,l=o,b=Me[vi+16>>>2],k=o>>>0<b>>>0;a:do if(!k){ var u=Me[r-4>>>2],c=3&u;if(1==(0|c))break;var h=u&-
8,f=h>>>2,d=r+(h-8)|0,w=d,p=0==(1&u|0);e:do if(p){ var E=Me[o>>>2];if(0==(0|c))break r;var A=-8-
E|0,t=A>>>2,g=r+A|0,y=g,m=E+h|0;if(g>>>0<b>>>0)break a;if((0|y)==(0|Se[vi+20>>>2])){ var v=(r+(h-
4)|0)>>>2;if(3!=(3&Se[v]|0)){ var S=y,i=S>>>2,M=m;break }Se[vi+8>>>2]=m;var C=Se[v]&-
2;Se[v]=C,Se[t+(s+1)]=1|m,Se[d>>>2]=m;break r }if(E>>>0<256){ var
R=Me[t+(s+2)],T=Me[t+(s+3)];if((0|R)!=(0|T)){ var
O=((E>>>2&1073741822)<<<2)+vi+40|0,N=(0|R)!=(0|O)&R>>>0<b>>>0;do
if(!N){if(!((0|T)==(0|O)|T>>>0>=b>>>0))break;Se[R+12>>>2]=T,Se[T+8>>>2]=R;var S=y,i=S>>>2,M=m;break
e }while(0);throw Ka(),"Reached an unreachable!" }var I=Se[vi>>>2]&(1<<<(E>>>3)^-1);Se[vi>>>2]=I;var
S=y,i=S>>>2,M=m}else{ var P=g,D=Me[t+(s+6)],L=Me[t+(s+3)],F=(0|L)==(0|P);do if(F){ var
X=A+(r+20)|0,j=Se[X>>>2];if(0==(0|j)){ var U=A+(r+16)|0,x=Se[U>>>2];if(0==(0|x)){ var z=0,e=z>>>2;break }var
V=U,B=x }else{ var V=X,B=j;_ =21 }for(;;){ var B,V,H=B+20|0,K=Se[H>>>2];if(0==(0|K)){ var
Y=B+16|0,G=Me[Y>>>2];if(0==(0|G))break;var V=Y,B=G}else var V=H,B=K }if(V>>>0<b>>>0)throw
Ka(),"Reached an unreachable!";Se[V>>>2]=0;var z=B,e=z>>>2}else{ var W=Me[t+(s+2)];if(W>>>0<b>>>0)throw
Ka(),"Reached an unreachable!";Se[W+12>>>2]=L,Se[L+8>>>2]=W;var z=L,e=z>>>2 }while(0);var
z;if(0==(0|D)){ var S=y,i=S>>>2,M=m;break }var
Z=A+(r+28)|0,Q=(Se[Z>>>2]<<<2)+vi+304|0,q=(0|P)==(0|Se[Q>>>2]);do{if(q){if(Se[Q>>>2]=z,0!=(0|z))break;var
$=Se[vi+4>>>2]&(1<<<Se[Z>>>2]^-1);Se[vi+4>>>2]=$;var S=y,i=S>>>2,M=m;break

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e}if(D>>>0<Me[vi+16>>2]>>>0)throw Ka(),\"Reached an unreachable!\";var
J=D+16|0;if((0|Se[J>>2])==(0|P)?Se[J>>2]=z:Se[D+20>>2]=z,0==(0|z)){ var S=y,i=S>>2,M=m;break
e} }while(0);if(z>>>0<Me[vi+16>>2]>>>0)throw Ka(),\"Reached an unreachable!\";Se[e+6]=D;var
rr=Me[t+(s+4)];if(0!=(0|rr)){ if(rr>>>0<Me[vi+16>>2]>>>0)throw Ka(),\"Reached an
unreachable!\";Se[e+4]=rr,Se[rr+24>>2]=z}var ar=Me[t+(s+5)];if(0==(0|ar)){ var
S=y,i=S>>2,M=m;break}if(ar>>>0<Me[vi+16>>2]>>>0)throw Ka(),\"Reached an
unreachable!\";Se[e+5]=ar,Se[ar+24>>2]=z;var S=y,i=S>>2,M=m} }else var S=1,i=S>>2,M=h;while(0);var
M,S,er=S;if(er>>>0>=d>>>0)break;var ir=r+(h-4)|0,vr=Me[ir>>2];if(0==(1&vr|0))break;var
tr=0==(2&vr|0);do{ if(tr){ if((0|w)==(0|Se[vi+24>>2])){ var
fr=Se[vi+12>>2]+M|0;Se[vi+12>>2]=fr,Se[vi+24>>2]=S;var
_r=1|fr;if(Se[i+1]=_r,(0|S)==(0|Se[vi+20>>2])&&(Se[vi+20>>2]=0,Se[vi+8>>2]=0),fr>>>0<=Me[vi+28>>2]>>>0)
break r;ia(0);break r}if((0|w)==(0|Se[vi+20>>2])){ var sr=Se[vi+8>>2]+M|0;Se[vi+8>>2]=sr,Se[vi+20>>2]=S;var
nr=1|sr;Se[i+1]=nr;var or=er+sr|0;Se[or>>2]=sr;break r} var lr=(vr&-8)+M|0,br=vr>>>3,kr=vr>>>0<256;e:do
if(kr){ var ur=Me[s+f],cr=Me[((4|h)>>2)+s];if((0|ur)!=0|cr)){ var
hr=((vr>>>2&1073741822)<<2)+vi+40|0,dr=(0|ur)==(0|hr);do{ if(!dr){ if(ur>>>0<Me[vi+16>>2]>>>0){ _=66;break
}_=63;break} _=63} while(0);do
if(63==_){ if((0|cr)!=0|hr)&&cr>>>0<Me[vi+16>>2]>>>0)break;Se[ur+12>>2]=cr,Se[cr+8>>2]=ur;break
e} while(0);throw Ka(),\"Reached an unreachable!\";var wr=Se[vi>>2]&(1<<br^-1);Se[vi>>2]=wr} else{ var
pr=d,Er=Me[f+(s+4)],Ar=Me[((4|h)>>2)+s],gr=(0|Ar)==(0|pr);do if(gr){ var
yr=h+(r+12)|0,mr=Se[yr>>2];if(0==(0|mr)){ var Sr=h+(r+8)|0,Mr=Se[Sr>>2];if(0==(0|Mr)){ var
Cr=0,a=Cr>>2;break} var Rr=Sr,Tr=Mr} else{ var Rr=yr,Tr=mr;_=73} for(;;){ var
Tr,Rr,Or=Tr+20|0,Nr=Se[Or>>2];if(0==(0|Nr)){ var Ir=Tr+16|0,Pr=Me[Ir>>2];if(0==(0|Pr))break;var
Rr=Ir,Tr=Pr} else var Rr=Or,Tr=Nr}if(Rr>>>0<Me[vi+16>>2]>>>0)throw Ka(),\"Reached an
unreachable!\";Se[Rr>>2]=0;var Cr=Tr,a=Cr>>2} else{ var Dr=Me[s+f];if(Dr>>>0<Me[vi+16>>2]>>>0)throw
Ka(),\"Reached an unreachable!\";Se[Dr+12>>2]=Ar,\nSe[Ar+8>>2]=Dr;var Cr=Ar,a=Cr>>2} while(0);var
Cr;if(0==(0|Er))break;var
Lr=h+(r+20)|0,Fr=(Se[Lr>>2]<<2)+vi+304|0,Xr=(0|pr)==(0|Se[Fr>>2]);do{ if(Xr){ if(Se[Fr>>2]=Cr,0!=(0|Cr))break
;var jr=Se[vi+4>>2]&(1<<Se[Lr>>2]^-1);Se[vi+4>>2]=jr;break e}if(Er>>>0<Me[vi+16>>2]>>>0)throw
Ka(),\"Reached an unreachable!\";var
Ur=Er+16|0;if((0|Se[Ur>>2])==(0|pr)?Se[Ur>>2]=Cr:Se[Er+20>>2]=Cr,0==(0|Cr))break
e} while(0);if(Cr>>>0<Me[vi+16>>2]>>>0)throw Ka(),\"Reached an unreachable!\";Se[a+6]=Er;var
xr=Me[f+(s+2)];if(0!=(0|xr)){ if(xr>>>0<Me[vi+16>>2]>>>0)throw Ka(),\"Reached an
unreachable!\";Se[a+4]=xr,Se[xr+24>>2]=Cr} var
zr=Me[f+(s+3)];if(0==(0|zr))break;if(zr>>>0<Me[vi+16>>2]>>>0)throw Ka(),\"Reached an
unreachable!\";Se[a+5]=zr,Se[zr+24>>2]=Cr} while(0);if(Se[i+1]=1|lr,Se[er+lr>>2]=lr,(0|S)!=0|Se[vi+20>>2])){ va
r Vr=lr;break} Se[vi+8>>2]=lr;break r} Se[ir>>2]=vr&-2,Se[i+1]=1|M,Se[er+M>>2]=M;var Vr=M} while(0);var
Vr;if(Vr>>>0<256){ var
Br=Vr>>>2&1073741822,Hr=(Br<<2)+vi+40|0,Kr=Me[vi>>2],Yr=1<<(Vr>>>3),Gr=0==(Kr&Yr|0);do{ if(!Gr){ va
r Wr=(Br+2<<2)+vi+40|0,Zr=Me[Wr>>2];if(Zr>>>0>=Me[vi+16>>2]>>>0){ var Qr=Zr,qr=Wr;break} throw
Ka(),\"Reached an unreachable!\";Se[vi>>2]=Kr|Yr;var Qr=Hr,qr=(Br+2<<2)+vi+40|0} while(0);var
qr,Qr;Se[qr>>2]=S,Se[Qr+12>>2]=S,Se[i+2]=Qr,Se[i+3]=Hr;break r} var $r=S,Jr=Vr>>>8,ra=0==(0|Jr);do if(ra)var
aa=0;else{ if(Vr>>>0>16777215){ var aa=31;break} var
ea=(Jr+1048320|0)>>>16&8,va=Jr<<ea,fa=(va+520192|0)>>>16&4,_a=va<<fa,sa=(_a+245760|0)>>>16&2,na=14-
(fa|ea|sa)+(_a<<sa>>>15)|0,aa=Vr>>>((na+7|0)>>>0)&1|na<<1} while(0);var
aa,oa=(aa<<2)+vi+304|0;Se[i+7]=aa,Se[i+5]=0,Se[i+4]=0;var la=Se[vi+4>>2],ba=1<<aa,ka=0==(la&ba|0);e:do
if(ka){ var ua=la|ba;Se[vi+4>>2]=ua,Se[oa>>2]=$r,Se[i+6]=oa,Se[i+3]=S,Se[i+2]=S} else{ if(31==(0|aa))var
ca=0;else var ca=25-(aa>>>1)|0;for(var ca,ha=Vr<<ca,da=Se[oa>>2];){ var da,ha;if((Se[da+4>>2])&-
8|0)==(0|Vr)){ var wa=da+8|0,pa=Me[wa>>2],Ea=Me[vi+16>>2],Aa=da>>>0<Ea>>>0;do

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if(!Aa){if(pa>>>0<Ea>>>0)break;Se[pa+12>>2]=$r,Se[wa>>>2]=$r,Se[i+2]=pa,Se[i+3]=da,Se[i+6]=0;break
e}while(0);throw Ka(),"Reached an unreachable!"}var
ga=(ha>>>31<<2)+da+16|0,ya=Me[ga>>>2];if(0==(0|ya)){if(ga>>>0>=Me[vi+16>>>2]>>>0){Se[ga>>>2]=$r,Se[i+6]
=da,Se[i+3]=S,Se[i+2]=S;break e}throw Ka(),"Reached an unreachable!"}var ha=ha<<1,da=ya}while(0);var
ma=Se[vi+32>>>2]-1|0;if(Se[vi+32>>>2]=ma,0!=(0|ma))break r;ta();break r}while(0);throw Ka(),"Reached an
unreachable!"}while(0)}function ta(){var r=Se[vi+452>>>2],a=0==(0|r);r:do if(!a)for(var e=r;;){var
e,i=Se[e+8>>>2];if(0==(0|i))break r;var e=i}while(0);Se[vi+32>>>2]=-1}function fa(r,a){if(0==(0|r))var
e=Jr(a),i=e;else var v=la(r,a),i=v;var i;return i}function _a(r,a){var e,i=r>>>0<9;do if(i)var v=Jr(a),t=v;else{var
f=r>>>0<16?16:r,_=0==(f-1&f|0);r:do if(_){var s=f;else{if(f>>>0<=16){var s=16;break}for(var n=16;;){var
n,o=n<<1;if(o>>>0>=f>>>0){var s=o;break r}var n=o}}while(0);var s;if((-64-s|0)>>>0>a>>>0){if(a>>>0<11)var
l=16;else var l=a+11&-8;var l,b=Jr(1+(s+12)|0);if(0==(0|b)){var t=0;break}var k=b-
8|0;if(0==(b>>>0)% (s>>>0)|0)}var u=k,c=0;else{var h=b+(s-1)&-s,d=h-8|0,w=k;if((d-w|0)>>>0>15)var p=d;else
var p=h+(s-8)|0;var p,E=p-w|0,e=(b-4|0)>>>2,A=Se[e],g=(A&-8)-E|0;if(0==(3&A|0)){var
y=Se[k>>>2]+E|0;Se[p>>>2]=y,Se[p+4>>>2]=g;var u=p,c=0}else{var m=p+4|0,S=g|1&Se[m>>>2]|2;Se[m>>>2]=S;var
M=g+(p+4)|0,C=1|Se[M>>>2];Se[M>>>2]=C;var R=E|1&Se[e]|2;Se[e]=R;var T=b+(E-
4)|0,O=1|Se[T>>>2];Se[T>>>2]=O;var u=p,c=b}}var c,u,N=u+4|0,I=Me[N>>>2],P=0==(3&I|0);do if(P)var
D=0;else{var L=I&-8;if(L>>>0<=(1+16|0)>>>0){var D=0;break}var F=L-
l|0;Se[N>>>2]=l|1&I|2,Se[u+(4|l)>>>2]=3|F;var X=u+(4|L)|0,j=1|Se[X>>>2];Se[X>>>2]=j;var D=l+(u+8)|0}while(0);var
D;0!=(0|c)&&va(c),0!=(0|D)&&va(D);var t=u+8|0}else{var U=Je();Se[U>>>2]=12;var t=0}}while(0);var t;return
t}function sa(r,a,e,i){var v,t;0==(0|Se[ti>>>2])&&ba();var f=0==(0|i),_=0==(0|r);do{if(f){if(_){var
s=Jr(0),n=s;t=30;break}var o=r<<2;if(o>>>0<11){var l=0,b=16;t=9;break}var l=0,b=o+11&-8;t=9;break}if(_){var
n=i;t=30;break}var l=i,b=0;t=9;break}while(0);do if(9==t){var b,l,k=0==(1&e|0);r:do if(k){if(_){var
u=0,c=0;break}for(var h=0,d=0;;){var d,h,w=Me[a+(d<<2)>>>2];if(w>>>0<11)var p=16;else var p=w+11&-8;var
p,E=p+h|0,A=d+1|0;if((0|A)==(0|r)){var u=0,c=E;break r}var h=E,d=A}}else{var g=Me[a>>>2];if(g>>>0<11)var
y=16;else var y=g+11&-8;var y,u=y,c=y*r|0}while(0);var c,u,m=Jr(b-4+c|0);if(0==(0|m)){var n=0;break}var S=m-
8|0,M=Se[m-4>>>2]&-8;if(0!=(2&e|0)){var C=-4-b+M|0;Fa(m,0,C,1)}if(0==(0|l)){var R=m+c|0,T=M-c|3;Se[m+(c-
4)>>>2]=T;var O=R,v=O>>>2,N=c}else var O=l,v=O>>>2,N=M;var N,O;Se[v]=m;var I=r-1|0,P=0==(0|I);r:do if(P)var
D=S,L=N;else if(0==(0|u))for(var F=S,X=N,j=0;;){var j,X,F,U=Me[a+(j<<2)>>>2];if(U>>>0<11)var x=16;else var
x=U+11&-8;var x,z=X-x|0;Se[F+4>>>2]=3|x;var
V=F+x|0,B=j+1|0;if(Se[(B<<2)>>>2]+v]=x+(F+8)|0,(0|B)==(0|I)){var D=V,L=z;break r}var F=V,X=z,j=B}else
for(var H=3|u,K=u+8|0,Y=S,G=N,W=0;;){var W,G,Y,Z=G-u|0;Se[Y+4>>>2]=H;var
Q=Y+u|0,q=W+1|0;if(Se[(q<<2)>>>2]+v]=Y+K|0,(0|q)==(0|I)){var D=Q,L=Z;break r}var
Y=Q,G=Z,W=q}while(0);var L,D;Se[D+4>>>2]=3|L;var n=O}while(0);var n;return n}function na(r){var
a=r>>>2;0==(0|Se[ti>>>2])&&ba();var e=Me[vi+24>>>2];if(0==(0|e))var i=0,v=0,t=0,f=0,_,s=0,n=0;else{for(var
o=Me[vi+12>>>2],l=o+40|0,b=vi+444|0,k=1,u=1,c=1;;){var c,u,k,b,h=Me[b>>>2],d=h+8|0;if(0==(7&d|0))var w=0;else
var w=7&-d;for(var w,p=b+4|0,E=h+w|0,A=c,g=u,y=k;;){var
y,g,A,E;if(E>>>0<h>>>0)break;if(E>>>0>=(h+Se[p>>>2]|0)>>>0|(0|E)==(0|e))break;var
m=Se[E+4>>>2];if(7==(0|m))break;var S=m&-8,M=S+y|0;if(1==(3&m|0))var C=A+1|0,R=S+g|0;else var
C=A,R=g;var R,C,E=E+S|0,A=C,g=R,y=M}var T=Me[b+8>>>2];if(0==(0|T))break;var b=T,k=y,u=g,c=A}var
O=Se[vi+432>>>2],i=y,v=A,t=o,f=g,_,O-y|0,s=Se[vi+436>>>2],n=O-g|0}var
n,s,_,f,t,v,i;Se[a]=i,Se[a+1]=v,Se[a+2]=0,Se[a+3]=0,Se[a+4]=_,Se[a+5]=s,Se[a+6]=0,Se[a+7]=n,Se[a+8]=f,Se[a+9]
=t}function oa(){0==(0|Se[ti>>>2])&&ba();var r=Me[vi+24>>>2],a=0==(0|r);r:do if(a)var e=0,i=0,v=0;else for(var
t=Se[vi+436>>>2],f=Me[vi+432>>>2],_=vi+444|0,s=f-40-Se[vi+12>>>2]|0;;){var
s,_,n=Me[_>>>2],o=n+8|0;if(0==(7&o|0))var l=0;else var l=7&-o;for(var l,b=_+4|0,k=n+l|0,u=s;;){var
u,k;if(k>>>0<n>>>0)break;if(k>>>0>=(n+Se[b>>>2]|0)>>>0|(0|k)==(0|r))break;var
c=Se[k+4>>>2];if(7==(0|c))break;var h=c&-8,d=1==(3&c|0)?h:0,w=u-d|0,k=k+h|0,u=w}var
p=Me[_+8>>>2];if(0==(0|p)){var e=t,i=f,v=u;break r}var _p,s=u}while(0);var
v,i,e,E=Se[Se[qe>>>2]+12>>>2],A=(Qa(E,0|He.__str339,(ne=Oe,Oe+=4,Se[ne>>>2]=e,ne)),Se[Se[qe>>>2]+12>>>2]),g=
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(Qa(A,0|He.__str1340,(ne=Oe,Oe+=4,Se[ne>>2]=i,ne)),Se[Se[qe>>2]+12>>2]);Qa(g,0|He.__str2341,(ne=Oe,Oe+=
4,Se[ne>>2]=v,ne))function la(r,a){var e,i,v,t;a>>>0>4294967231;r:do{if(!t){var f=r-8|0,_,f,i=(r-
4|0)>>2,s=Me[i],n=s&-8,o=n-8|0,l=r+o|0,b=f>>>0<Me[vi+16>>2]>>>0;do if(!b){var k=3&s;if(!(1!=(0|k)&(0|o)>-
8))break;var e=(r+(n-4)|0)>>2;if(0==(1&Se[e]|0))break;if(a>>>0<11)var u=16;else var u=a+11&-8;var
u,c=0==(0|k);do{if(c){var
h=ka(_,u),d=0,w=h;v=17;break}if(n>>>0<u>>>0){if((0|l)!=(0|Se[vi+24>>2])){v=21;break}var
p=Se[vi+12>>2]+n|0;if(p>>>0<u>>>0){v=21;break}var E=p-u|0,A=r+(u-8)|0;Se[i]=u|1&s|2;var g=1|E;Se[r+(u-
4)>>2]=g,Se[vi+24>>2]=A,Se[vi+12>>2]=E;var d=0,w=_,v=17;break}var y=n-u|0;if(y>>>0<=15){var
d=0,w=_,v=17;break}Se[i]=u|1&s|2,Se[r+(u-4)>>2]=3|y;var m=1|Se[e];Se[e]=m;var
d=r+u|0,w=_,v=17;break}while(0);do if(17==v){var w,d;if(0==(0|w))break;0!=(0|d)&&v(a,d);var S=w+8|0;break
r}while(0);var M=Jr(a);if(0==(0|M)){var S=0;break r}var C=0==(3&Se[i]|0)?8:4,R=n-
C|0,T=R>>>0<a>>>0?R:a;Pa(M,r,T,1),va(r);var S=M;break r}while(0);throw Ka(),"Reached an unreachable!"}var
O=Je();Se[O>>2]=12;var S=0}while(0);var S;return S}function ba(){if(0==(0|Se[ti>>2])){var r=qa(8);if(0!=(r-
1&r|0))throw Ka(),"Reached an unreachable!";Se[ti+8>>2]=r,Se[ti+4>>2]=r,Se[ti+12>>2]=
1,Se[ti+16>>2]=2097152,Se[ti+20>>2]=0,Se[vi+440>>2]=0;var a=$a(0);Se[ti>>2]=a&-16^1431655768}}function
ka(r,a){var e=Se[r+4>>2]&-8,i=a>>>0<256;do if(i)var v=0;else if(e>>>0>=(a+4|0)>>>0&&(e-
a|0)>>>0<=Se[ti+8>>2]<<1>>>0){var v=r;break}var v=0}while(0);var v;return v}function ua(r){for(var
a,e=vi+444|0,a=e>>2;){var e,i=Me[a];if(i>>>0<=r>>>0&&(i+Se[a+1]|0)>>>0>r>>>0){var v=e;break}var
t=Me[a+2];if(0==(0|t)){var v=0;break}var e=t,a=e>>2}var v;return v}function ca(r,a){var
e=r,i=r+8|0;if(0==(7&i|0))var v=0;else var v=7&-i;var v,t=a-
v|0;Se[vi+24>>2]=e+v|0,Se[vi+12>>2]=t,Se[v+(e+4)>>2]=1|t,Se[a+(e+4)>>2]=40;var
f=Se[ti+16>>2];Se[vi+28>>2]=f}function ha(){for(var r=0;;){var
r,a=r<<1,e=(a<<2)+vi+40|0;Se[vi+(a+3<<2)+40>>2]=e,Se[vi+(a+2<<2)+40>>2]=e;var
i=r+1|0;if(32==(0|i))break;var r=i}}function da(r,a,e){var i,v,t,f,_=a>>2,s=r>>2,n=r+8|0;if(0==(7&n|0))var o=0;else
var o=7&-n;var o,l=a+8|0;if(0==(7&l|0))var b=0,t=b>>2;else var b=7&-1,t=b>>2;var
b,k=a+b|0,u=k,c=o+e|0,v=c>>2,h=r+c|0,d=h,w=k-(r+o)-e|0;Se[(o+4)>>2]+s|=3|e;var
p=(0|u)==(0|Se[vi+24>>2]);r:do if(p){var E=Se[vi+12>>2]+w|0;Se[vi+12>>2]=E,Se[vi+24>>2]=d;var
A=1|E;Se[v+(s+1)]=A}else if((0|u)==(0|Se[vi+20>>2])){var
g=Se[vi+8>>2]+w|0;Se[vi+8>>2]=g,Se[vi+20>>2]=d;var y=1|g;Se[v+(s+1)]=y;var
m=r+g+c|0;Se[m>>2]=g}else{var S=Me[t+(_+1)];if(1==(3&S|0)){var M=S&-8,C=S>>>3,R=S>>>0<256;a:do
if(R){var T=Me[((8|b)>>2)+_],O=Me[t+(_+3)];if((0|T)!=(0|O)){var
N=((S>>>2&1073741822)<<2)+vi+40|0,I=(0|T)==(0|N);do{if(!I){if(T>>>0<Me[vi+16>>2]>>>0){f=18;break}f=1
5;break}f=15}while(0);do
if(15==f){if((0|O)!=(0|N)&&O>>>0<Me[vi+16>>2]>>>0)break;Se[T+12>>2]=O,Se[O+8>>2]=T;break
a}while(0);throw Ka(),"Reached an unreachable!"}var P=Se[vi>>2]&(1<<C^1);Se[vi>>2]=P}else{var
D=k,L=Me[((24|b)>>2)+_],F=Me[t+(_+3)],X=(0|F)==(0|D);do if(X){var
j=16|b,U=j+(a+4)|0,x=Se[U>>2];if(0==(0|x)){var z=a+j|0,V=Se[z>>2];if(0==(0|V)){var B=0,i=B>>2;break}var
H=z,K=V}else{var H=U,K=x;f=25}for(;;){var K,H,Y=K+20|0,G=Se[Y>>2];if(0==(0|G)){var
W=K+16|0,Z=Me[W>>2];if(0==(0|Z))break;var H=W,K=Z}else var
H=Y,K=G}if(H>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached an unreachable!";Se[H>>2]=0;var
B=K,i=B>>2}else{var Q=Me[((8|b)>>2)+_];if(Q>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached an
unreachable!";Se[Q+12>>2]=F,Se[F+8>>2]=Q;var B=F,i=B>>2}while(0);var B;if(0==(0|L))break;var
q=b+(a+28)|0,$=(Se[q>>2]<<2)+vi+304|0,J=(0|D)==(0|Se[$>>2]);do{if(J){if(Se[$>>2]=B,0!=(0|B))break;var
rr=Se[vi+4>>2]&(1<<Se[q>>2]^1);Se[vi+4>>2]=rr;break a}if(L>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached
an unreachable!";var ar=L+16|0;if((0|Se[ar>>2])==(0|D)?Se[ar>>2]=B:Se[L+20>>2]=B,0==(0|B))break
a}while(0);if(B>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached an unreachable!";Se[i+6]=L;var
er=16|b,ir=Me[er>>2]+_;if(0!=(0|ir)){if(ir>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached an
unreachable!";Se[i+4]=ir,Se[ir+24>>2]=B}var

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vr=Me[(er+4>>2)+_];if(0==(0|vr))break;if(vr>>>0<Me[vi+16>>2]>>>0)throw Ka(),"Reached an
unreachable!";Se[i+5]=vr,Se[vr+24>>2]=B}while(0);var tr=a+(M|b)|0,fr=M+w|0}else var tr=u,fr=w;var
fr,tr,_r=tr+4|0,sr=Se[_r>>2]&-2;if(Se[_r>>2]=sr,Se[v+(s+1)]=1|fr,Se[(fr>>2)+s+v]=fr,fr>>>0<256){var
nr=fr>>>2&1073741822,or=(nr<<2)+vi+40|0,lr=Me[vi>>2],br=1<<(fr>>>3),kr=0==(lr&br|0);do{if(!kr){var
ur=(nr+2<<2)+vi+40|0,cr=Me[ur>>2];if(cr>>>0>=Me[vi+16>>2]>>>0){var hr=cr,dr=ur;break}throw
Ka(),"Reached an unreachable!"}Se[vi>>2]=lr|br;var hr=or,dr=(nr+2<<2)+vi+40|0}while(0);var
dr,hr;Se[dr>>2]=d,Se[hr+12>>2]=d,Se[v+(s+2)]=hr,Se[v+(s+3)]=or}else{var wr=h,pr=fr>>>8,Er=0==(0|pr);do
if(Er)var Ar=0;else{if(fr>>>0>16777215){var Ar=31;break}var
gr=(pr+1048320|0)>>>16&8,yr=pr<<gr,mr=(yr+520192|0)>>>16&4,Sr=yr<<mr,Mr=(Sr+245760|0)>>>16&2,Cr=1
4-(mr|gr|Mr)+(Sr<<Mr>>>15)|0,Ar=fr>>>((Cr+7|0)>>>0)&1|Cr<<1}while(0);var
Ar,Rr=(Ar<<2)+vi+304|0;Se[v+(s+7)]=Ar;var Tr=c+(r+16)|0;Se[v+(s+5)]=0,Se[Tr>>2]=0;var
Or=Se[vi+4>>2],Nr=1<<Ar;if(0==(Or&Nr|0)){var
Ir=Or|Nr;Se[vi+4>>2]=Ir,Se[Rr>>2]=wr,Se[v+(s+6)]=Rr,Se[v+(s+3)]=wr,Se[v+(s+2)]=wr}else{if(31==(0|Ar))var
Pr=0;else var Pr=25-(Ar>>>1)|0;for(var Pr,Dr=fr<<Pr,Lr=Se[Rr>>2];;){var Lr,Dr;if((Se[Lr+4>>2]&-
8|0)==(0|fr)){var Fr=Lr+8|0,Xr=Me[Fr>>2],jr=Me[vi+16>>2],Ur=Lr>>>0<jr>>>0;do
if(!Ur){if(Xr>>>0<jr>>>0)break;Se[Xr+12>>2]=wr,Se[Fr>>2]=wr,Se[v+(s+2)]=Xr,Se[v+(s+3)]=Lr,Se[v+(s+6)]=0
;break r}while(0);throw Ka(),"Reached an unreachable!"}var
xr=(Dr>>>31<<2)+Lr+16|0,zr=Me[xr>>2];if(0==(0|zr)){if(xr>>>0>=Me[vi+16>>2]>>>0){Se[xr>>2]=wr,Se[v+(s
+6)]=Lr,Se[v+(s+3)]=wr,Se[v+(s+2)]=wr;break r}throw Ka(),"Reached an unreachable!"}var
Dr=Dr<<1,Lr=zr}}while(0);return r+(8|o)|0}function wa(r){return 0|He.__str3342}function pa(r){return
0|He.__str14343}function Ea(r){Se[r>>2]=si+8|0}function Aa(r){0!=(0|r)&&va(r)}function ga(r){ya(r);var
a=r;Aa(a)}function ya(r){var a=0|r;Ye(a)}function ma(r){var a=0|r;Ea(a),Se[r>>2]=ni+8|0}function Sa(r){var
a=0|r;ya(a);var e=r;Aa(e)}function Ma(r,a){var
e,i,v=Me[vi+24>>2],i=v>>2,t=v,f=ua(t),_=Se[f>>2],s=Se[f+4>>2],n=_+s|0,o=_+(s-39)|0;if(0==(7&o|0))var
l=0;else var l=7&-o;var l,b=_+(s-47)+l|0,k=b>>>0<(v+16|0)>>>0?t:b,u=k+8|0,e=u>>2,c=u,h=r,d=a-40|0;ca(h,d);var
w=k+4|0;Se[w>>2]=27,Se[e]=Se[vi+444>>2],Se[e+1]=Se[vi+448>>2],Se[e+2]=Se[vi+452>>2],Se[e+3]=Se[vi+45
6>>2],Se[vi+444>>2]=r,Se[vi+448>>2]=a,Se[vi+456>>2]=0,Se[vi+452>>2]=c;var p=k+28|0;Se[p>>2]=7;var
E=(k+32|0)>>>0<n>>>0;r:do if(E)for(var A=p;;){var A,g=A+4|0;if(Se[g>>2]=7,(A+8|0)>>>0>n>>>0)break r;var
A=g}while(0);var y=(0|k)==(0|t);r:do if(!y){var m=k-v|0,S=t+m|0,M=m+(t+4)|0,C=Se[M>>2]&-2;Se[M>>2]=C;var
R=1|m;Se[i+1]=R;var T=S;if(Se[T>>2]=m,m>>>0<256){var
O=m>>>2&1073741822,N=(O<<2)+vi+40|0,I=Me[vi>>2],P=1<<(m>>>3),D=0==(I&P|0);do{if(!D){var
L=(O+2<<2)+vi+40|0,F=Me[L>>2];if(F>>>0>=Me[vi+16>>2]>>>0){var X=F,j=L;break}throw Ka(),"Reached an
unreachable!"}var U=I|P;Se[vi>>2]=U;var X=N,j=(O+2<<2)+vi+40|0}while(0);var
j,X;Se[j>>2]=v,Se[X+12>>2]=v,Se[i+2]=X,Se[i+3]=N}else{var x=v,z=m>>>8,V=0==(0|z);do if(V)var
B=0;else{if(m>>>0>16777215){var B=31;break}var
H=(z+1048320|0)>>>16&8,K=z<<H,Y=(K+520192|0)>>>16&4,G=K<<Y,W=(G+245760|0)>>>16&2,Z=14-
(Y|H|W)+(G<<W>>>15)|0,B=m>>>((Z+7|0)>>>0)&1|Z<<1}while(0);var
B,Q=(B<<2)+vi+304|0;Se[i+7]=B,Se[i+5]=0,Se[i+4]=0;var q=Se[vi+4>>2],$=1<<B;if(0==(q&$|0)){var
J=q|$;Se[vi+4>>2]=J,Se[Q>>2]=x,Se[i+6]=Q,Se[i+3]=v,Se[i+2]=v}else{if(31==(0|B))var rr=0;else var rr=25-
(B>>>1)|0;for(var rr,ar=m<<rr,er=Se[Q>>2];;){var er,ar;if((Se[er+4>>2]&-8|0)==(0|m)){var
ir=er+8|0,vr=Me[ir>>2],tr=Me[vi+16>>2],fr=er>>>0<tr>>>0;do
if(!fr){if(vr>>>0<tr>>>0)break;Se[vr+12>>2]=x,Se[ir>>2]=x,Se[i+2]=vr,Se[i+3]=er,Se[i+6]=0;break
r}while(0);throw Ka(),"Reached an unreachable!"}var
_r=(ar>>>31<<2)+er+16|0,sr=Me[_r>>2];if(0==(0|sr)){if(_r>>>0>=Me[vi+16>>2]>>>0){Se[_r>>2]=x,Se[i+6]=er,
Se[i+3]=v,Se[i+2]=v;break r}throw Ka(),"Reached an unreachable!"}var ar=ar<<1,er=sr}}while(0)}function
Ca(r){return d(r)}function Ra(r,a){var e=0;do Ae[r+e]=Ae[a+e],e++;while(0!=Ae[a+e-1]);return r}function
Ta(){var r=Ta;return
r.LLVM_SAVEDSTACKS|(r.LLVM_SAVEDSTACKS=[]),r.LLVM_SAVEDSTACKS.push(le.stackSave()),r.LL

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VM_SAVEDSTACKS.length-1}function Oa(r){var
a=Ta,e=a.LLVM_SAVEDSTACKS[r];a.LLVM_SAVEDSTACKS.splice(r,1),le.stackRestore(e)}function
Na(r,a,e){for(var i=0;i<e;){var v=Ae[r+i],t=Ae[a+i];if(v==t&&0==v)return 0;if(0==v)return-1;if(0==t)return
1;if(v!=t)return v>t?1:-1;i++}return 0}function Ia(r,a){var e=Ca(r),i=0;do Ae[r+e+i]=Ae[a+i],i++;while(0!=Ae[a+i-
1]);return r}function Pa(r,a,e,i){if(e>=20&&a%2==r%2)if(a%4==r%4){for(var
v=a+e;a%4;){Ae[r++]=Ae[a++];for(var
t=a>>2,f=r>>2,_=v>>2;t<_;)Se[f++]=Se[t++];for(a=t<<2,r=f<<2;a<v;)Ae[r++]=Ae[a++]}else{var
v=a+e;a%2&&(Ae[r++]=Ae[a++]);for(var
s=a>>1,n=r>>1,o=v>>1;s<o;)ye[n++]=ye[s++];a=s<<1,r=n<<1,a<v&&(Ae[r++]=Ae[a++])}else for(;e--
;)Ae[r++]=Ae[a++]}function Da(r,a){return Na(r,a,Le)}function La(r,a,e){for(var i=0;i<e;i++){var
v=Ae[r+i],t=Ae[a+i];if(v!=t)return v>t?1:-1}return 0}function Fa(r,a,e,i){if(e>=20){for(var
v=r+e;r%4;){Ae[r++]=a;a<0&&(a+=256);for(var
t=r>>2,f=v>>2,_=a|a<<8|a<<16|a<<24;t<f;)Se[t++]=_;for(r=t<<2;r<v;)Ae[r++]=a}else for(;e--
;)Ae[r++]=a}function Xa(r,a,e,i){throw"Assertion failed: \"s(i)+\", at: \"[s(r),a,s(e)]}function ja(r){var
a=d(r),e=Jr(a+1);return Pa(e,r,a,1),Ae[e+a]=0,e}function Ua(r,a){function e(r){var
e;return"double\"===r?(xe[0]=Se[a+_>>2],xe[1]=Se[a+_+4>>2],e=ze[0]):\"i64\"===r?e=[Se[a+_>>2],Se[a+_+4>>2
]]:(r=\"i32\",e=Se[a+_>>2]),_+=le.getNativeFieldSize(r),e}for(var i,v,t,f=r,_=0,s=[];){var
n=f;if(i=Ae[f],0===i)break;if(v=Ae[f+1],i==\"%\".charCodeAt(0)){var
o=!1,l=!1,b=!1,k=!1;r:for(;;){switch(v){case\"+\".charCodeAt(0):o=!0;break;case\"-
\".charCodeAt(0):l=!0;break;case\"#\".charCodeAt(0):b=!0;break;case\"0\".charCodeAt(0):if(k)break
r;k=!0;break;default:break r}f++,v=Ae[f+1]}var u=0;if(v==\"*\".charCodeAt(0))u=e(\"i32\"),f++,v=Ae[f+1];else
for(;v==\"0\".charCodeAt(0)&&v<=\"9\".charCodeAt(0);)u=10*u+(v-\"0\".charCodeAt(0)),f++,v=Ae[f+1];var
c=!1;if(v==\".\".charCodeAt(0)){var h=0;if(c=!0,f++,v=Ae[f+1],v==\"*\".charCodeAt(0))h=e(\"i32\"),f++;else
for(;;){var d=Ae[f+1];if(d<\"0\".charCodeAt(0)||d>\"9\".charCodeAt(0))break;h=10*h+(d-
\"0\".charCodeAt(0)),f++}v=Ae[f+1]}else var h=6;var E;switch(String.fromCharCode(v)){case\"h\":var
A=Ae[f+2];A==\"h\".charCodeAt(0)?(f++,E=1):E=2;break;case\"l\":var
A=Ae[f+2];A==\"l\".charCodeAt(0)?(f++,E=8):E=4;break;case\"L\":case\"q\":case\"j\":E=8;break;case\"z\":case\"t\
\":case\"I\":E=4;break;default:E=null}if(E&&f++,v=Ae[f+1],[\"d\", \"i\", \"u\", \"o\", \"x\", \"X\", \"p\"].indexOf(String.fr
omCharCode(v))!=1){var m=v==\"d\".charCodeAt(0)||v==\"i\".charCodeAt(0);E=E|4;var
t=e(\"i\"+8*E);if(8==E&&(t=le.makeBigInt(t[0],t[1],v==\"u\".charCodeAt(0))),E<=4){var S=Math.pow(256,E)-
1;t=(m?y:g)(t&S,8*E)}var
M,C=Math.abs(t),R=\"\";if(v==\"d\".charCodeAt(0)||v==\"i\".charCodeAt(0))M=y(t,8*E,1).toString(10);else
if(v==\"u\".charCodeAt(0))M=g(t,8*E,1).toString(10),t=Math.abs(t);else
if(v==\"o\".charCodeAt(0))M=(b?\"0\":\"\")+C.toString(8);else
if(v==\"x\".charCodeAt(0)||v==\"X\".charCodeAt(0)){if(R=b?\"0x\":\"\",t<0){t=-t,M=(C-1).toString(16);for(var
T=[],O=0;O<M.length;O++)T.push((15-
parseInt(M[O],16)).toString(16));for(M=T.join(\" \");M.length<2*E;)M=\"f\"+M}else
M=C.toString(16);v==\"X\".charCodeAt(0)&&(R=R.toUpperCase(),M=M.toUpperCase())}else
v==\"p\".charCodeAt(0)&&(0===C?M=(nil):\"(R=\"0x\",M=C.toString(16)));if(c)for(;M.length<h;)M=\"0\"+M;f
or(o&&(R=t<0?\"-\"+R:\"\"+R);R.length+M.length<u;)!M+=\" \" :k?M=\"0\"+M:R=\"
\"+R;M=R+M,M.split(\" \").forEach(function(r){s.push(r.charCodeAt(0))})}else
if([\\"f\", \"F\", \"e\", \"E\", \"g\", \"G\"].indexOf(String.fromCharCode(v))!=1){var
M,t=e(\"double\");if(isNaN(t))M=\"nan\",k=!1;else if(isFinite(t)){var
N=!1,I=Math.min(h,20);if(v==\"g\".charCodeAt(0)||v==\"G\".charCodeAt(0)){N=!0,h=h|1;var
P=parseInt(t.toExponential(I).split(\"e\")[1],10);h>P&&P>=-
4?(v=(v==\"g\".charCodeAt(0)?\"f\": \"F\").charCodeAt(0),h-
=P+1):(v=(v==\"g\".charCodeAt(0)?\"e\": \"E\").charCodeAt(0),h--
),I=Math.min(h,20)}v==\"e\".charCodeAt(0)||v==\"E\".charCodeAt(0)?(M=t.toExponential(I),/[eE]/-

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+)]\\d$/.test(M)&&(M=M.slice(0,-1)+"0"+M.slice(-
1));v!="f".charCodeAt(0)&&v!="F".charCodeAt(0)|(M=t.toFixed(I));var
D=M.split("e");if(N&&!b)for(;D[0].length>1&&D[0].indexOf(".")!==-1&&("0"===D[0].slice(-
1)||"."===D[0].slice(-1));D[0]=D[0].slice(0,-1);else for(b&&M.indexOf(".")===
1&&(D[0]+=".";h>I++;)D[0]+="0";M=D[0]+(D.length>1?"e"+D[1]:"");v=="E".charCodeAt(0)&&(M=M.to
UpperCase()),o&&t>=0&&(M=" "+M)}else M=(t<0?"-":"")+("inf",k=!1;for(;M.length<u;)!M+="\
":M=!k||"-"!=M[0]&&"+"!=M[0]?("k?"0":\
")+M:M[M[0]+"0"+M.slice(1);v<"a".charCodeAt(0)&&(M=M.toUpperCase()),M.split("").forEach(function(r){s.
push(r.charCodeAt(0))})}else if(v=="s".charCodeAt(0)){var
L,F=e("i8*");if(F?(L=w(F),c&&L.length>h&&(L=L.slice(0,h)):L=p("(null)",!0,!1)for(;L.length<u--;).s.push(\
".charCodeAt(0));if(s=s.concat(L),l)for(;L.length<u--;).s.push("\ ".charCodeAt(0))}else
if(v=="c".charCodeAt(0)){for(l&&.s.push(e("i8"));--u>0;).s.push("\ ".charCodeAt(0));l|.s.push(e("i8"))}else
if(v=="n".charCodeAt(0)){var X=e("i32*");Se[X>>2]=s.length}else if(v=="%" .charCodeAt(0)).s.push(i);else
for(var O=n;O<f+2;O++)s.push(Ae[O]);f+=2}else s.push(i),f+=1}return s}function xa(r,a,e,i){for(var
v=Ua(e,i),t=void 0===a?v.length:Math.min(v.length,a-1),f=0;f<t;f++)Ae[r+f]=v[f];return
Ae[r+f]=0,v.length}function za(r,a,e){return xa(r,void 0,a,e)}function Va(r){return r
in{32:0,9:0,10:0,11:0,12:0,13:0}}function Ba(r){return
r>="0".charCodeAt(0)&&r<="9".charCodeAt(0)}function Ha(r){for(var
a;(a=Ae[r])&&Va(a);r++;if(!a||Ba(a))return 0;for(var e=r;(a=Ae[e])&&Ba(a);e++;return
Math.floor(Number(s(r).substr(0,e-r)))}function Ka(r){throw ke=!0,\'ABORT: \' +r+\' , at \' +(new
Error).stack}function Ya(r){return Ya.ret||(Ya.ret=_([0,\'i32\',we)),Se[Ya.ret>>2]=r,r}function Ga(r,a,e,i){var
v=$e.streams[r];if(!v||v.object.isDevice)return Ya(Ge.EBADF),-1;if(v.isWrite){if(v.object.isFolder)return
Ya(Ge.EISDIR),-1;if(e<0||i<0)return Ya(Ge.EINVAL),-1;for(var t=v.object.contents;t.length<i;t.push(0);for(var
f=0;f<e;f++)t[f]=ge[a+f];return v.object.timestamp=Date.now(),f}return Ya(Ge.EACCES),-1}function
Wa(r,a,e){var i=$e.streams[r];if(i){if(i.isWrite){if(e<0)return Ya(Ge.EINVAL),-
1;if(i.object.isDevice){if(i.object.output){for(var v=0;v<e;v++)try{i.object.output(Ae[a+v])}catch(r){return
Ya(Ge.EIO),-1}return i.object.timestamp=Date.now(),v}return Ya(Ge.ENXIO),-1}var t=Ga(r,a,e,i.position);return
t!=-1&&(i.position+=t),t}return Ya(Ge.EACCES),-1}return Ya(Ge.EBADF),-1}function Za(r,a,e,i){var
v=e*a;if(0===v)return 0;var t=Wa(i,r,v);return t===-1?($e.streams[i]&&($e.streams[i].error=!0),-
1):Math.floor(t/a)}function Qa(r,a,e){var i=Ua(a,e),v=le.stackSave(),t=Za_(i,"i8",de),1,i.length,r);return
le.stackRestore(v,t)}function qa(r){switch(r){case 8:return Pe;case 54:case 56:case 21:case 61:case 63:case 22:case
67:case 23:case 24:case 25:case 26:case 27:case 69:case 28:case 101:case 70:case 71:case 29:case 30:case 199:case
75:case 76:case 32:case 43:case 44:case 80:case 46:case 47:case 45:case 48:case 49:case 42:case 82:case 33:case
7:case 108:case 109:case 107:case 112:case 119:case 121:return 200809;case 13:case 104:case 94:case 95:case
34:case 35:case 77:case 81:case 83:case 84:case 85:case 86:case 87:case 88:case 89:case 90:case 91:case 94:case
95:case 110:case 111:case 113:case 114:case 115:case 116:case 117:case 118:case 120:case 40:case 16:case 79:case
19:return-1;case 92:case 93:case 5:case 72:case 6:case 74:case 92:case 93:case 96:case 97:case 98:case 99:case
102:case 103:case 105:return 1;case 38:case 66:case 50:case 51:case 4:return 1024;case 15:case 64:case 41:return
32;case 55:case 37:case 17:return 2147483647;case 18:case 1:return 47839;case 59:case 57:return 99;case 68:case
58:return 2048;case 0:return 2097152;case 3:return 65536;case 14:return 32768;case 73:return 32767;case 39:return
16384;case 60:return 1e3;case 106:return 700;case 52:return 256;case 62:return 255;case 2:return 100;case 65:return
64;case 36:return 20;case 100:return 16;case 20:return 6;case 53:return 4}return Ya(Ge.EINVAL),-1}function
$a(r){var a=Math.floor(Date.now()/1e3);return r&&(Se[r>>2]=a),a}function Ja(){return Ya.ret}function re(r){var
a=re;a.called||(Ie=o(Ie),a.called=!0);var e=Ie;return 0!=r&&le.staticAlloc(r),e}function ae(){return
Se[ae.buf>>2]}function ee(r){r=r||Module.arguments,k();var a=null;return
Module._main&&(a=Module.callMain(r),Module.noExitRuntime||u()),a}var ie=[],ve=false,te="object"===typeof
window,fe="function"===typeof
importScripts,_e=!te&&!ve&&!fe;if(ve){print=function(r){process.stdout.write(r+"\\n\\n")},printErr=function(r){pr

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process.stderr.write(r+"\n\n");var se=require("fs");read=function(r){var a=se.readFileSync(r).toString();return
a||"^"==r[0]||(r=__dirname.split("^").slice(0,-
1).join("^")+"/src/"+r,a=se.readFileSync(r).toString()),a,load=function(a){r(read(a))},ie=process.argv.slice(2)}el
se if(!_e)this.read||(this.read=function(r){snarf(r)}),"undefined"!=typeof
scriptArgs?ie=scriptArgs:"undefined"!=typeof arguments&&(ie=arguments);else
if(te)this.print=printErr=function(r){console.log(r)},this.read=function(r){var a=new XMLHttpRequest;return
a.open("GET",r,!1),a.send(null),a.responseText},this.arguments&&(ie=arguments);else{if(!fe)throw"Unknown
runtime environment. Where are we?";this.load=importScripts}"undefined"==typeof
load&&"undefined"!=typeof read&&(this.load=function(a){r(read(a))},"undefined"==typeof
printErr&&(this.printErr=function(){}),"undefined"==typeof
print&&(this.print=printErr);try{this.Module=Module}catch(r){this.Module=Module={}}Module.arguments||(Mod
ule.arguments=ie),Module.print&&(print=Module.print);var ne,oe,le={stackSave:function(){return
Oe},stackRestore:function(r){Oe=r},forceAlign:function(r,a){if(a=a||4,1==a)return
r;if(isNumber(r)&&isNumber(a))return Math.ceil(r/a)*a;if(isNumber(a)&&isPowerOfTwo(a)){var
e=log2(a);return"(((("++r+"))+"+(a-
1)+"))>>"+e+"")<<"+e+"")}"return"Math.ceil(("++r+"))^(++a+"")*"+a},isNumberType:function(r){return r in
le.INT_TYPES|r in le.FLOAT_TYPES},isPointerType:function(r){return"*"==r[r.length-
1]},isStructType:function(r){return!isPointerType(r)&&(!!/^[\[\]\d+\|\| x\|\| (.*)\|\|\|/.test(r)||(!/<?{ [^}]*
}>?/.test(r)||"% "==r[0]))},INT_TYPES:{i1:0,i8:0,i16:0,i32:0,i64:0},FLOAT_TYPES:{float:0,double:0},bitshift64:
function(r,e,i,v){var t=Math.pow(2,v)-1;if(v<32)switch(i){case"shl":return[r<<v,e<<v|(r&t<<32-v)>>>32-
v];case"ashr":return[(r>>>v|(e&t)<<32-v)>>>0,e>>>v>>>0];case"lshr":return[(r>>>v|(e&t)<<32-
v)>>>0,e>>>v]}else
if(32==v)switch(i){case"shl":return[0,r];case"ashr":return[e,(0e)<0?t:0];case"lshr":return[e,0]}else
switch(i){case"shl":return[0,r<<<v-32];case"ashr":return[e>>>v-32>>>0,(0e)<0?t:0];case"lshr":return[e>>>v-
32,0]}a("unknown bitshift64 op: "+[value,i,v]),or64:function(r,a){var
e=0|r|(0|a),i=4294967296*(Math.round(r/4294967296)|Math.round(a/4294967296));return
e+i},and64:function(r,a){var
e=(0|r)&(0|a),i=4294967296*(Math.round(r/4294967296)&Math.round(a/4294967296));return
e+i},xor64:function(r,a){var
e=(0|r)^(0|a),i=4294967296*(Math.round(r/4294967296)^Math.round(a/4294967296));return
e+i},getNativeTypeSize:function(r,a){if(1==le.QUANTUM_SIZE)return 1;var
i={"%i1":1,"%i8":1,"%i16":2,"%i32":4,"%i64":8,"%float":4,"%double":8}[("%"+r);if(!i)if("*"==r[r.leng
th-1])i=le.QUANTUM_SIZE;else if("i"==r[0]){var v=parseInt(r.substr(1));e(v%8==0),i=v/8}return
i},getNativeFieldSize:function(r){return
Math.max(le.getNativeTypeSize(r),le.QUANTUM_SIZE)},dedup:function(r,a){var e={};return
a?.filter(function(r){return!e[r[a]]&&(e[r[a]]=!0,!0)}):r.filter(function(r){return!e[r]&&(e[r]=!0,!0)}),set:function(
){for(var r="object"==typeof arguments[0]?arguments[0]:arguments,a={},e=0;e<r.length;e++)a[r[e]]=0;return
a},calculateStructAlignment:function(r){r.flatSize=0,r.alignSize=0;var a=[],e=-1;return
r.flatIndexes=r.fields.map(function(i){var
v,t;(le.isNumberType(i)||le.isPointerType(i))v=le.getNativeTypeSize(i),t=v;else if(!le.isStructType(i))throw"Uncl
ear type in struct: "+i+"", in "+r.name_+" ::
"+dump(Types.types[r.name_]);v=Types.types[i].flatSize,t=Types.types[i].alignSize;t=r.packed?1:Math.min(t,le.Q
UANTUM_SIZE),r.alignSize=Math.max(r.alignSize,t);var f=le.alignMemory(r.flatSize,t);return
r.flatSize=f+v,e>=0&&a.push(f-
e),e=f,f}),r.flatSize=le.alignMemory(r.flatSize,r.alignSize),0==a.length?r.flatFactor=r.flatSize:1==le.dedup(a).lengt
h&&(r.flatFactor=a[0]),r.needsFlattening=1!=r.flatFactor,r.flatIndexes},generateStructInfo:function(r,a,i){var
v,t;if(a){if(i=i||0,v=("undefined"==typeof Types?le.typeInfo:Types.types)[a],!v)return
null;e(v.fields.length==r.length,"Number of named fields must match the type for "+a),t=v.flatIndexes}else{var

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v={fields:r.map(function(r){return r[0]})};t=le.calculateStructAlignment(v)var f={__size__:v.flatSize};return
a?r.forEach(function(r,a){if(!"string"===typeof r)f[r]=t[a]+i;else{var e;for(var _ in
r)e=_;f[e]=le.generateStructInfo(r[e],v.fields[a],t[a])}}):r.forEach(function(r,a){f[r[1]]=t[a]}),f,stackAlloc:function
(r){var a=Oe;return Oe+=r,Oe=Oe+3>>2<<2,a},staticAlloc:function(r){var a=Ie;return
Ie+=r,Ie=Ie+3>>2<<2,Ie=>Le&&l(),a},alignMemory:function(r,a){var e=r=Math.ceil(r/(a?4:1))*(a?4:1);return
e},makeBigInt:function(r,a,e){var i=e?(r>>>0)+4294967296*(a>>>0):(r>>>0)+4294967296*(0|a);return
i},QUANTUM_SIZE:4,__dummy__:0},be={MAX_ALLOWED:0,corrections:0,sigs:{},note:function(r,e,i){e||(this
.corrections++,this.corrections>=this.MAX_ALLOWED&&a("\\\\n\\\\nToo many
corrections!"))},print:function(){},ke=!1,ue=0,ce=this;Module.ccall=i,Module.setValue=t,Module.getValue=f;var
he=0,de=1,we=2;Module.ALLOC_NORMAL=he,Module.ALLOC_STACK=de,Module.ALLOC_STATIC=we,Mo
dule.allocate=_,Module.Pointer_stringify=s,Module.Array_stringify=n;var
pe,Ee,Ae,ge,ye,me,Se,Me,Ce,Re,Te,Oe,Ne,Ie,Pe=4096,De=Module.TOTAL_STACK||5242880,Le=Module.TOTA
L_MEMORY||10485760;Module.FAST_MEMORY||2097152;e(!(Int32Array&&Float64Array&&new
Int32Array(1).subarray&&new Int32Array(1).set),\"Cannot fallback to non-typed array case: Code is too
specialized\");var Fe=new ArrayBuffer(Le);Ae=new Int8Array(Fe),ye=new Int16Array(Fe),Se=new
Int32Array(Fe),ge=new Uint8Array(Fe),me=new Uint16Array(Fe),Me=new Uint32Array(Fe),Ce=new
Float32Array(Fe),Re=new Float64Array(Fe),Se[0]=255,e(255===ge[0]&&0===ge[3],\"Typed arrays 2 must be run
on a little-endian system\");var Xe=p(\"(null)\");Ie=Xe.length;for(var
je=0;je<Xe.length;je++)Ae[je]=Xe[je];Module.HEAP=Ee,Module.HEAP8=Ae,Module.HEAP16=ye,Module.HEAP
32=Se,Module.HEAPU8=ge,Module.HEAPU16=me,Module.HEAPU32=Me,Module.HEAPF32=Ce,Module.HEAP
F64=Re,Te=Oe=le.alignMemory(Ie),Ne=Te+De;var
Ue=le.alignMemory(Ne,8),xe=(Ae.subarray(Ue),Se.subarray(Ue>>2)),ze=(Ce.subarray(Ue>>2),Re.subarray(Ue>>3
));Ne=Ue+8,Ie=o(Ne);var
Ve=[],Be=[];Module.Array_copy=c,Module.TypedArray_copy=h,Module.String_len=d,Module.String_copy=w,Mo
dule.intArrayFromString=p,Module.intArrayToString=E,Module.writeStringToMemory=A;var
He=[],Ke=0;O.X=1,N.X=1,V.X=1,H.X=1,G.X=1,W.X=1,q.X=1,$.X=1,rr.X=1,ar.X=1,er.X=1,vr.X=1,nr.X=1,or.X=
1,kr.X=1,hr.X=1,Ar.X=1,Sr.X=1,Tr.X=1,Ir.X=1,Pr.X=1,Dr.X=1,Lr.X=1,Fr.X=1,Xr.X=1,zr.X=1,Vr.X=1,Br.X=1,Gr
.X=1,$r.X=1,Module._malloc=Jr,Jr.X=1,ra.X=1,aa.X=1,ea.X=1,ia.X=1,Module._free=va,va.X=1,_a.X=1,sa.X=1,na
.X=1,oa.X=1,la.X=1,da.X=1,Ma.X=1;var
Ye,Ge={E2BIG:7,EACCES:13,EADDRINUSE:98,EADDRNOTAVAIL:99,EAFNOSUPPORT:97,EAGAIN:11,E
ALREADY:114,EBADF:9,EBADMSG:74,EBUSY:16,ECANCELED:125,ECHILD:10,ECONNABORTED:103,E
CONNREFUSED:111,ECONNRESET:104,EDEADLK:35,EDESTADDRREQ:89,EDOM:33,EDQUOT:122,EEXI
ST:17,EFAULT:14,EFBIG:27,EHOSTUNREACH:113,EIDRM:43,EILSEQ:84,EINPROGRESS:115,EINTR:4,EIN
VAL:22,EIO:5,EISCONN:106,EISDIR:21,ELOOP:40,EMFILE:24,EMLINK:31,EMSGSIZE:90,EMULTIHOP:72,
ENAMETOOLONG:36,ENETDOWN:100,ENETRESET:102,ENETUNREACH:101,ENFILE:23,ENOBUFS:105,
ENODATA:61,ENODEV:19,ENOENT:2,ENOEXEC:8,ENOLCK:37,ENOLINK:67,ENOMEM:12,ENOMSG:42,E
NOPROTOOPT:92,ENOSPC:28,ENOSR:63,ENOSTR:60,ENOSYS:38,ENOTCONN:107,ENOTDIR:20,ENOTEM
PTY:39,ENOTRECOVERABLE:131,ENOTSOCK:88,ENOTSUP:95,ENOTTY:25,ENXIO:6,E_OVERFLOW:75,E
OWNERDEAD:130,EPERM:1,EPIPE:32,EPROTO:71,EPROTONOSUPPORT:93,EPROTOTYPE:91,ERANGE:3
4,EROFS:30,ESPIPE:29,ESRCH:3,ESTALE:116,ETIME:62,ETIMEDOUT:110,ETXTBSY:26,EWOULDBLOCK:
11,EXDEV:18},We=0,Ze=0,Qe=0,qe=0,$e={currentPath:\"/\",nextNode:2,streams:[null],ignorePermissions:!0,abso
lutePath:function(r,a){if(!"string"!typeof r)return null;void
0===a&&(a=$e.currentPath),r&&\"/\"==r[0]&&(a=\"/\");for(var
e=a+\"/\"+r,i=e.split(\"/\").reverse(),v=[\"/\"],i.length;){var
t=i.pop();\"\"==t||\".\"==t||(\"\"==t?v.length>1&&v.pop():v.push(t))return
1==v.length?\"/\":v.join(\"/\"),analyzePath:function(r,a,e){var
i={isRoot:!1,exists:!1,error:0,name:null,path:null,object:null,parentExists:!1,parentPath:null,parentObject:null};if(r=
$e.absolutePath(r),\"/\"==r)i.isRoot=!0,i.exists=i.parentExists=!0,i.name=\"/\",i.path=i.parentPath=\"/\",i.object=i.pa

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rentObject=$e.root;else if(null!==(r)){e=e||0,r=r.slice(1).split("\^");for(var
v=$e.root,t=["\^"];r.length;){1==r.length&&v.isFolder&&(i.parentExists=!0,i.parentPath=1==t.length?\^:t.join("\^"),i.parentObject=v,i.name=r[0]);var
f=r.shift();if(!v.isFolder){i.error=Ge.ENOTDIR;break}if(!v.read){i.error=Ge.EACCES;break}if(!v.contents.hasOwn
nProperty(f)){i.error=Ge.ENOENT;break}if(v=v.contents[f],v.link&&(!a||0!=r.length)){if(e>40){i.error=Ge.ELOO
P;break}var _=$e.absolutePath(v.link,t.join("\^"));return
$e.analyzePath(_).concat(r).join("\^"),a,e+1)t.push(f),0==r.length&&(i.exists=!0,i.path=t.join("\^"),i.object=v)}re
turn i}return i},findObject:function(r,a){$e.ensureRoot();var e=$e.analyzePath(r,a);return
e.exists?e.object:(Ya(e.error),null)},createObject:function(r,a,e,i,v){if(r||(r="\^"),\string\==typeof
r&&(r=$e.findObject(r)),!r)throw Ya(Ge.EACCES),new Error(\Parent path must exist.\);if(!r.isFolder)throw
Ya(Ge.ENOTDIR),\new Error(\Parent must be a folder.\);if(!r.write&& !$e.ignorePermissions)throw
Ya(Ge.EACCES),new Error(\Parent folder must be writeable.\);if(!a||\.\==a||\.\.\==a)throw
Ya(Ge.ENOENT),new Error(\Name must not be empty.\);if(r.contents.hasOwnProperty(a))throw
Ya(Ge.EEXIST),new Error(\Can't overwrite object.\);r.contents[a]={read:void 0===i|i,write:void
0!=v&&v,timestamp:Date.now(),inodeNumber:$e.nextInode++};for(var t in
e)e.hasOwnProperty(t)&&(r.contents[a][t]=e[t]);return r.contents[a],createFolder:function(r,a,e,i){var
v={isFolder:!0,isDevice:!1,contents:{}};return $e.createObject(r,a,v,e,i),createPath:function(r,a,e,i){var
v=$e.findObject(r);if(null===v)throw new Error(\Invalid parent.\);for(a=a.split("\^").reverse();a.length;){var
t=a.pop();t&&(v.contents.hasOwnProperty(t)||$e.createFolder(v,t,e,i),v=v.contents[t])}return
v},createFile:function(r,a,e,i,v){return
e.isFolder=!1,$e.createObject(r,a,e,i,v),createDataFile:function(r,a,e,i,v){if(\string\==typeof e){for(var t=new
Array(e.length),f=0,_=e.length;f<_;++f)t[f]=e.charCodeAtAt(f);e=t}var s={isDevice:!1,contents:e};return
$e.createFile(r,a,s,i,v)},createLazyFile:function(r,a,e,i,v){var t={isDevice:!1,url:e};return
$e.createFile(r,a,t,i,v)},createLink:function(r,a,e,i,v){var t={isDevice:!1,link:e};return
$e.createFile(r,a,t,i,v)},createDevice:function(r,a,e,i){if(!e&&!i)throw new Error(\A device must have at least one
callback defined.\);var v={isDevice:!0,input:e,output:i};return
$e.createFile(r,a,v,Boolean(e),Boolean(i)),forceLoadFile:function(r){if(r.isDevice||r.isFolder||r.link||r.contents)retur
n!0;var a=!0;if(\undefined\!=typeof XMLHttpRequest)e(\Cannot do synchronous binary XHRs in modern
browsers. Use --embed-file or --preload-file in emcc\);else{if(\undefined\==typeof read)throw new
Error(\Cannot load without read() or XMLHttpRequest.\);try{r.contents=p(read(r.url),!0)}catch(r){a=!1}}return
a||Ya(Ge.EIO),a},ensureRoot:function(){$e.root||($e.root={read:!0,write:!0,isFolder:!0,isDevice:!1,timestamp:Date.
now(),inodeNumber:1,contents:{}})},init:function(r,a,i){function
v(r){null===r||r===\\\\n\}.charCodeAt(0)?(a.printer(a.buffer.join("\^"),a.buffer=[]):a.buffer.push(String.fromCharCode(r))):e!($e.init.initialized,\FS.init was previously called. If you want to initialize later with custom parameters,
remove any earlier calls (note that one is automatically added to the generated
code)\),$e.init.initialized=!0,$e.ensureRoot(),r=r||Module.stdin,a=a||Module.stdout,i=i||Module.stderr;var
t=!0,f=!0,s=!0;r||(t=!1,r=function(){if(!r.cache||!r.cache.length){var a;\undefined\!=typeof
window&&\function\==typeof window.prompt?a=window.prompt(\Input: \):\function\==typeof
readline&&(a=readline()),a||(a=\^"),r.cache=p(a+\\\n\,!0)}return
r.cache.shift())},a||(f=!1,a=v),a.printer||(a.printer=print),a.buffer||(a.buffer=[]),i||(s=!1,i=v),i.printer||(i.printer=print),i
.buffer||(i.buffer=[]),$e.createFolder("\^","\tmp\",!0,!0);var
n=$e.createFolder("\^","\dev\",!0,!0),o=$e.createDevice(n,"\stdin",r),l=$e.createDevice(n,"\stdout",null,a),b=$e.cr
eateDevice(n,"\stderr",null,i),$e.createDevice(n,"\tty",r,a),$e.streams[1]={path:\/dev/stdin",object:o,position:0,is
Read:!0,isWrite:!1,isAppend:!1,isTerminal:!t,error:!1,eof:!1,ungotten:[]},$e.streams[2]={path:\/dev/stdout",object:
l,position:0,isRead:!1,isWrite:!0,isAppend:!1,isTerminal:!f,error:!1,eof:!1,ungotten:[]},$e.streams[3]={path:\/dev/s
tderr",object:b,position:0,isRead:!1,isWrite:!0,isAppend:!1,isTerminal:!s,error:!1,eof:!1,ungotten:[]},We=_([1,\^
id*\",we),Ze=_([2,\^void*\",we),Qe=_([3,\^void*\",we),$e.createPath("\^","\dev/shm/tmp\",!0,!0),$e.streams[We]
=$e.streams[1],$e.streams[Ze]=$e.streams[2],$e.streams[Qe]=$e.streams[3],qe=_([_([0,0,0,0,We,0,0,0,Ze,0,0,0,Qe,

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37,115,37,115,0],\"i8\",we),He.__str1171=_(([111,112,101,114,97,116,111,114,32,110,101,119,0],\"i8\",we),He.__str2172=_(([111,112,101,114,97,116,111,114,32,100,101,108,101,116,101,0],\"i8\",we),He.__str3173=_(([111,112,101,114,97,116,111,114,61,0],\"i8\",we),He.__str4174=_(([111,112,101,114,97,116,111,114,62,62,0],\"i8\",we),He.__str5175=_(([111,112,101,114,97,116,111,114,60,60,0],\"i8\",we),He.__str6176=_(([111,112,101,114,97,116,111,114,33,0],\"i8\",we),He.__str7177=_(([111,112,101,114,97,116,111,114,61,61,0],\"i8\",we),He.__str8178=_(([111,112,101,114,97,116,111,114,33,61,0],\"i8\",we),He.__str9179=_(([111,112,101,114,97,116,111,114,91,93,0],\"i8\",we),He.__str10180=_(([111,112,101,114,97,116,111,114,32,0],\"i8\",we),He.__str11181=_(([111,112,101,114,97,116,111,114,45,62,0],\"i8\",we),He.__str12182=_(([111,112,101,114,97,116,111,114,42,0],\"i8\",we),He.__str13183=_(([111,112,101,114,97,116,111,114,43,43,0],\"i8\",we),He.__str14184=_(([111,112,101,114,97,116,111,114,45,45,0],\"i8\",we),He.__str15185=_(([111,112,101,114,97,116,111,114,45,0],\"i8\",we),He.__str16186=_(([111,112,101,114,97,116,111,114,43,0],\"i8\",we),He.__str17187=_(([111,112,101,114,97,116,111,114,38,0],\"i8\",we),He.__str18188=_(([111,112,101,114,97,116,111,114,45,62,42,0],\"i8\",we),He.__str19189=_(([111,112,101,114,97,116,111,114,47,0],\"i8\",we),He.__str20190=_(([111,112,101,114,97,116,111,114,37,0],\"i8\",we),He.__str21191=_(([111,112,101,114,97,116,111,114,60,0],\"i8\",we),He.__str22192=_(([111,112,101,114,97,116,111,114,60,61,0],\"i8\",we),He.__str23193=_(([111,112,101,114,97,116,111,114,62,0],\"i8\",we),He.__str24194=_(([111,112,101,114,97,116,111,114,62,61,0],\"i8\",we),He.__str25195=_(([111,112,101,114,97,116,111,114,44,0],\"i8\",we),He.__str26196=_(([111,112,101,114,97,116,111,114,40,41,0],\"i8\",we),He.__str27197=_(([111,112,101,114,97,116,111,114,126,0],\"i8\",we),He.__str28198=_(([111,112,101,114,97,116,111,114,94,0],\"i8\",we),He.__str29199=_(([111,112,101,114,97,116,111,114,124,0],\"i8\",we),He.__str30200=_(([111,112,101,114,97,116,111,114,38,38,0],\"i8\",we),He.__str31201=_(([111,112,101,114,97,116,111,114,124,124,0],\"i8\",we),He.__str32202=_(([111,112,101,114,97,116,111,114,42,61,0],\"i8\",we),He.__str33203=_(([111,112,101,114,97,116,111,114,43,61,0],\"i8\",we),He.__str34204=_(([111,112,101,114,97,116,111,114,45,61,0],\"i8\",we),He.__str35205=_(([111,112,101,114,97,116,111,114,47,61,0],\"i8\",we),He.__str36206=_(([111,112,101,114,97,116,111,114,37,61,0],\"i8\",we),He.__str37207=_(([111,112,101,114,97,116,111,114,62,62,61,0],\"i8\",we),He.__str38208=_(([111,112,101,114,97,116,111,114,60,60,61,0],\"i8\",we),He.__str39209=_(([111,112,101,114,97,116,111,114,38,61,0],\"i8\",we),He.__str40210=_(([111,112,101,114,97,116,111,114,124,61,0],\"i8\",we),He.__str41211=_(([111,112,101,114,97,116,111,114,94,61,0],\"i8\",we),He.__str42212=_(([96,118,102,116,97,98,108,101,39,0],\"i8\",we),He.__str43213=_(([96,118,98,116,97,98,108,101,39,0],\"i8\",we),He.__str44214=_(([96,118,99,97,108,108,39,0],\"i8\",we),He.__str45215=_(([96,116,121,112,101,111,102,39,0],\"i8\",we),He.__str46216=_(([96,108,111,99,97,108,32,115,116,97,116,105,99,32,103,117,97,114,100,39,0],\"i8\",we),He.__str47217=_(([96,115,116,114,105,110,103,39,0],\"i8\",we),He.__str48218=_(([96,118,98,97,115,101,32,100,101,115,116,114,117,99,116,111,114,39,0],\"i8\",we),He.__str49219=_(([96,118,101,99,116,111,114,32,100,101,108,101,116,105,110,103,32,100,101,115,116,114,117,99,116,111,114,39,0],\"i8\",we),He.__str50220=_(([96,100,101,102,97,117,108,116,32,99,111,110,115,116,114,117,99,116,111,114,32,99,108,111,115,117,114,101,39,0],\"i8\",we),He.__str51221=_(([96,115,99,97,108,97,114,32,100,101,108,101,116,105,110,103,32,100,101,115,116,114,117,99,116,111,114,39,0],\"i8\",we),He.__str52222=_(([96,118,101,99,116,111,114,32,99,111,110,115,116,114,117,99,116,111,114,32,105,116,101,114,97,116,111,114,39,0],\"i8\",we),He.__str53223=_(([96,118,101,99,116,111,114,32,100,101,115,116,114,117,99,116,111,114,32,105,116,101,114,97,116,111,114,39,0],\"i8\",we),He.__str54224=_(([96,118,101,99,116,111,114,32,118,98,97,115,101,32,99,111,110,115,116,114,117,99,116,111,114,32,105,116,101,114,97,116,111,114,39,0],\"i8\",we),He.__str55225=_(([96,118,105,114,116,117,97,108,32,100,105,115,112,108,97,99,101,109,101,110,116,32,109,97,112,39,0],\"i8\",we),He.__str56226=_(([96,101,104,32,118,101,99,116,111,114,32,99,111,110,115,116,114,117,99,116,111,114,32,105,116,101,114,97,116,111,114,39,0],\"i8\",we),He.__str57227=_(([96,101,104,32,118,101,99,116,111,114,32,100,101,115,116,114,117,99,116,111,114,32,105,116,101,114,97,116,111,114,39,0],\"i8\",we),He.__str58228=_(([96,101,104,32,118,101,99,116,111,114,32,118,98,97,115,101,32,99,111,110,115,116,114,117,99,116,111,114,32,105,116,101,114,97,116,111,114,39,0],\"i8\",we),He.__str59229=_(([96,99,111,112,121,32,99,111,110,115,116,114,117,99,116,111,114,32,99,108,111,115,117,114,101,39,0],\"i8\",we),He.__str60230=_(([37,115,37,115,32,96,82,84,84,73,32,84,121,112,101,32,68,101,115,99,114,105,112,116,111,114,39,0],\"i8\",we),He.__str61231=_(([96,82,84,84,73,32,66,97,115,101,32,67,108,97,115,115,32,68,101,115,99,114,105,112,116,111,114,32,97,116,32,40,37,115,44,37,115,44,37,115,44,37,115,41,39,0],\"i8\",we),He.__str62232=_(([96,82,84,84,73,32,66,97,115,101,32,67,108,97,115,1

15,32,65,114,114,97,121,39,0],\"i8\",we),He.__str63233=_(96,82,84,84,73,32,67,108,97,115,115,32,72,105,101,114,97,114,99,104,121,32,68,101,115,99,114,105,112,116,111,114,39,0],\"i8\",we),He.__str64234=_(96,82,84,84,73,32,67,111,109,112,108,101,116,101,32,79,98,106,101,99,116,32,76,111,99,97,116,111,114,39,0],\"i8\",we),He.__str65235=_(96,108,111,99,97,108,32,118,102,116,97,98,108,101,39,0],\"i8\",we),He.__str66236=_(96,108,111,99,97,108,32,118,102,116,97,98,108,101,32,99,111,110,115,116,114,117,99,116,111,114,32,99,108,111,115,117,114,101,39,0],\"i8\",we),He.__str67237=_(111,112,101,114,97,116,111,114,32,110,101,119,91,93,0],\"i8\",we),He.__str68238=_(111,112,101,114,97,116,111,114,32,100,101,108,101,116,101,91,93,0],\"i8\",we),He.__str69239=_(96,112,108,97,99,101,109,101,110,116,32,100,101,108,101,116,101,32,99,108,111,115,117,114,101,39,0],\"i8\",we),He.__str70240=_(96,112,108,97,99,101,109,101,110,116,32,100,101,108,101,116,101,91,93,32,99,108,111,115,117,114,101,39,0],\"i8\",we),He.__str71241=_(126,37,115,0],\"i8\",we),He.__str72242=_(117,110,100,110,97,109,101,46,99,0],\"i8\",we),He.__func__symbol_demangle=_(115,121,109,98,111,108,95,100,101,109,97,110,103,108,101,0],\"i8\",we),He.__str73243=_(115,121,109,45,62,114,101,115,117,108,116,0],\"i8\",we),He.__func__handle_template=_(104,97,110,100,108,101,95,116,101,109,112,108,97,116,101,0],\"i8\",we),He.__str74244=_(42,115,121,109,45,62,99,117,114,114,101,110,116,32,61,61,32,39,36,39,0],\"i8\",we),He.__func__str_array_get_ref=_(115,116,114,95,97,114,114,97,121,95,103,101,116,95,114,101,102,0],\"i8\",we),He.__str75245=_(99,114,101,102,0],\"i8\",we),He.__str76246=_(112,114,105,118,97,116,101,58,32,0],\"i8\",we),He.__str77247=_(112,114,111,116,101,99,116,101,100,58,32,0],\"i8\",we),He.__str78248=_(112,117,98,108,105,99,58,32,0],\"i8\",we),He.__str79249=_(115,116,97,116,105,99,32,0],\"i8\",we),He.__str80250=_(118,105,114,116,117,97,108,32,0],\"i8\",we),He.__str81251=_(91,116,104,117,110,107,93,58,37,115,0],\"i8\",we),He.__str82252=_(37,115,96,97,100,106,117,115,116,111,114,123,37,115,125,39,32,0],\"i8\",we),He.__str83253=_(37,115,32,37,115,0],\"i8\",we),He.__str84254=_(118,111,105,100,0],\"i8\",we),He.__str85255=_(37,115,37,115,37,115,0],\"i8\",we),He.__str86256=_(37,115,37,115,37,115,37,115,37,115,37,115,37,115,37,115,37,115,37,115,0],\"i8\",we),He.__str87257=_(32,0],\"i8\",we),He.__str88258=_(100,108,108,95,101,120,112,111,114,116,32,0],\"i8\",we),He.__str89259=_(99,100,101,99,108,0],\"i8\",we),He.__str90260=_(112,97,115,99,97,108,0],\"i8\",we),He.__str91261=_(116,104,105,115,99,97,108,108,0],\"i8\",we),He.__str92262=_(115,116,100,99,97,108,108,0],\"i8\",we),He.__str93263=_(102,97,115,116,99,97,108,108,0],\"i8\",we),He.__str94264=_(99,108,114,99,97,108,108,0],\"i8\",we),He.__str95265=_(95,95,100,108,108,95,101,120,112,111,114,116,32,0],\"i8\",we),He.__str96266=_(95,95,99,100,101,99,108,0],\"i8\",we),He.__str97267=_(95,95,112,97,115,99,97,108,0],\"i8\",we),He.__str98268=_(95,95,116,104,105,115,99,97,108,108,0],\"i8\",we),He.__str99269=_(95,95,115,116,100,99,97,108,108,0],\"i8\",we),He.__str100270=_(95,95,102,97,115,116,99,97,108,108,0],\"i8\",we),He.__str101271=_(95,95,99,108,114,99,97,108,108,0],\"i8\",we),He.__str102272=_(95,95,112,116,114,54,52,0],\"i8\",we),He.__str103273=_(99,111,110,115,116,0],\"i8\",we),He.__str104274=_(118,111,108,97,116,105,108,101,0],\"i8\",we),He.__str105275=_(99,111,110,115,116,32,118,111,108,97,116,105,108,101,0],\"i8\",we),He.__func__get_class_string=_(103,101,116,95,99,108,97,115,115,95,115,116,114,105,110,103,0],\"i8\",we),He.__str106276=_(97,45,62,101,108,116,115,91,105,93,0],\"i8\",we),He.__str107277=_(123,102,111,114,32,96,37,115,39,125,0],\"i8\",we),He.__str108278=_(37,115,37,115,37,115,37,115,37,115,37,115,37,115,37,115,37,115,37,115,0],\"i8\",we),He.__str109279=_(96,37,115,39,0],\"i8\",we),He.__str110280=_(46,46,46,0],\"i8\",we),He.__str111281=_(37,99,118,111,105,100,37,99,0],\"i8\",we),He.__str112282=_(37,115,44,37,115,0],\"i8\",we),He.__str113283=_(37,99,37,115,37,115,32,37,99,0],\"i8\",we),He.__str114284=_(37,99,37,115,37,115,37,99,0],\"i8\",we),He.__func__str_array_push=_(115,116,114,95,97,114,114,97,121,95,112,117,115,104,0],\"i8\",we),He.__str115285=_(112,116,114,0],\"i8\",we),He.__str116286=_(97,0],\"i8\",we),He.__str117287=_(97,45,62,101,108,116,115,91,97,45,62,110,117,109,93,0],\"i8\",we),He.__str118288=_(37,115,37,100,0],\"i8\",we),He.__str119289=_(45,0],\"i8\",we),He.__func__demangle_datatype=_(100,101,109,97,110,103,108,101,95,100,97,116,97,116,121,112,101,0],\"i8\",we),He.__str121291=_(99,116,0],\"i8\",we),He.__str122292=_(117,110,105,111,110,32,0],\"i8\",we),He.__str123293=_(115,116,114,117,99,116,32,0],\"i8\",we),He.__str124294=_(99,108,97,115,115,32,0],\"i8\",we),He.__str125295=_(99,111,105,110,116,101,114,102,97,99,101,32,0],\"i8\",we),He.__str126296=_(96,116,101,109,112,108,97,116,101,45,112,97,114,97,109,101,116,101,114,45,37,115,39,0],\"i8\",we),He.__str127297=_(37,115,37,115,32,40,37,115,42,0],\"i8\",we),He.__str128298=_(41,37,115,0],\"i8\",we),He.__str129299=_(101,110,117,109,32,37,115,0],\"i8\",we),He.__str130300=_(96,116,101,109,112,108,97,116,101,45,112,97,1

ri+96>>2]=0|He.__str11,Se[ri+100>>2]=0|He.__str12,Se[ri+112>>2]=0|He.__str13,Se[ri+116>>2]=0|He.__str14,Se[ri+128>>2]=0|He.__str15,Se[ri+132>>2]=0|He.__str16,Se[ri+144>>2]=0|He.__str17,Se[ri+148>>2]=0|He.__str18,Se[ri+160>>2]=0|He.__str19,Se[ri+164>>2]=0|He.__str20,Se[ri+176>>2]=0|He.__str21,Se[ri+180>>2]=0|He.__str22,Se[ri+192>>2]=0|He.__str23,Se[ri+196>>2]=0|He.__str24,Se[ri+208>>2]=0|He.__str25,Se[ri+212>>2]=0|He.__str26,Se[ri+224>>2]=0|He.__str27,Se[ri+228>>2]=0|He.__str28,Se[ri+240>>2]=0|He.__str29,Se[ri+244>>2]=0|He.__str30,Se[ri+256>>2]=0|He.__str31,Se[ri+260>>2]=0|He.__str32,Se[ri+272>>2]=0|He.__str33,Se[ri+276>>2]=0|He.__str34,Se[ri+288>>2]=0|He.__str35,Se[ri+292>>2]=0|He.__str36,Se[ri+304>>2]=0|He.__str37,Se[ri+308>>2]=0|He.__str38,Se[ri+320>>2]=0|He.__str39,Se[ri+324>>2]=0|He.__str40,Se[ri+336>>2]=0|He.__str41,Se[ri+340>>2]=0|He.__str42,Se[ri+352>>2]=0|He.__str43,Se[ri+356>>2]=0|He.__str44,Se[ri+368>>2]=0|He.__str45,Se[ri+372>>2]=0|He.__str46,Se[ri+384>>2]=0|He.__str47,Se[ri+388>>2]=0|He.__str48,Se[ri+400>>2]=0|He.__str49,Se[ri+404>>2]=0|He.__str119289,Se[ri+416>>2]=0|He.__str51,Se[ri+420>>2]=0|He.__str20,Se[ri+432>>2]=0|He.__str52,Se[ri+436>>2]=0|He.__str53,Se[ri+448>>2]=0|He.__str54,Se[ri+452>>2]=0|He.__str55,Se[ri+464>>2]=0|He.__str56,Se[ri+468>>2]=0|He.__str57,Se[ri+480>>2]=0|He.__str58,Se[ri+484>>2]=0|He.__str119289,Se[ri+496>>2]=0|He.__str59,Se[ri+500>>2]=0|He.__str60,Se[ri+512>>2]=0|He.__str61,Se[ri+516>>2]=0|He.__str62,Se[ri+528>>2]=0|He.__str63,Se[ri+532>>2]=0|He.__str64,Se[ri+544>>2]=0|He.__str65,Se[ri+548>>2]=0|He.__str66,Se[ri+560>>2]=0|He.__str67,Se[ri+564>>2]=0|He.__str68,Se[ri+576>>2]=0|He.__str69,Se[ri+580>>2]=0|He.__str70,Se[ri+592>>2]=0|He.__str71,Se[ri+596>>2]=0|He.__str72,Se[ri+608>>2]=0|He.__str73,Se[ri+612>>2]=0|He.__str74,Se[ri+624>>2]=0|He.__str75,Se[ri+628>>2]=0|He.__str76,Se[ri+640>>2]=0|He.__str77,Se[ri+644>>2]=0|He.__str72,Se[ri+656>>2]=0|He.__str78,Se[ri+660>>2]=0|He.__str79,Se[ri+672>>2]=0|He.__str80,Se[ri+676>>2]=0|He.__str81,Se[ri+688>>2]=0|He.__str82,Se[ri+692>>2]=0|He.__str83,Se[ri+704>>2]=0|He.__str84,Se[ri+708>>2]=0|He.__str85,Se[ri+720>>2]=0|He.__str86,Se[ri+724>>2]=0|He.__str87,Se[ri+736>>2]=0|He.__str88,Se[ri+740>>2]=0|He.__str89,Se[ri+752>>2]=0|He.__str90,Se[ri+756>>2]=0|He.__str91,Se[ri+768>>2]=0|He.__str92,Se[ri+772>>2]=0|He.__str91,Se[ai>>2]=0|He.__str145315,Se[ai+8>>2]=0|He.__str145315,Se[ai+20>>2]=0|He.__str167337,Se[ai+28>>2]=0|He.__str95,Se[ai+40>>2]=0|He.__str146316,Se[ai+48>>2]=0|He.__str97,Se[ai+60>>2]=0|He.__str155325,Se[ai+68>>2]=0|He.__str155325,Se[ai+80>>2]=0|He.__str156326,Se[ai+88>>2]=0|He.__str156326,Se[ai+100>>2]=0|He.__str154324,Se[ai+108>>2]=0|He.__str154324,Se[ai+120>>2]=0|He.__str101,Se[ai+128>>2]=0|He.__str101,Se[ai+140>>2]=0|He.__str147317,Se[ai+148>>2]=0|He.__str147317,Se[ai+160>>2]=0|He.__str150320,Se[ai+168>>2]=0|He.__str150320,Se[ai+180>>2]=0|He.__str151321,Se[ai+188>>2]=0|He.__str105,Se[ai+220>>2]=0|He.__str152322,Se[ai+228>>2]=0|He.__str152322,Se[ai+240>>2]=0|He.__str153323,Se[ai+248>>2]=0|He.__str153323,Se[ai+260>>2]=0|He.__str165335,Se[ai+268>>2]=0|He.__str165335,Se[ai+280>>2]=0|He.__str166336,Se[ai+288>>2]=0|He.__str166336,Se[ai+360>>2]=0|He.__str148318,Se[ai+368>>2]=0|He.__str148318,Se[ai+380>>2]=0|He.__str149319,Se[ai+388>>2]=0|He.__str149319,Se[ai+420>>2]=0|He.__str84254,Se[ai+428>>2]=0|He.__str84254,Se[ai+440>>2]=0|He.__str168338,Se[ai+448>>2]=0|He.__str146316,Se[ai+460>>2]=0|He.__str114,Se[ai+468>>2]=0|He.__str152322,Se[ai+480>>2]=0|He.__str115,Se[ai+488>>2]=0|He.__str115,Se[ai+500>>2]=0|He.__str110280,Se[ai+508>>2]=0|He.__str110280,Se[ei+4>>2]=0|He.__str152,Se[ei+12>>2]=0|He.__str152,Se[ei+32>>2]=0|He.__str153,Se[ei+40>>2]=0|He.__str153,Se[ei+48>>2]=0|He.__str154,Se[ei+60>>2]=0|He.__str155,Se[ei+68>>2]=0|He.__str155,Se[ei+76>>2]=0|He.__str156,Se[ei+88>>2]=0|He.__str157,Se[ei+96>>2]=0|He.__str158,Se[ei+104>>2]=0|He.__str156,Se[ei+116>>2]=0|He.__str159,Se[ei+124>>2]=0|He.__str160,Se[ei+132>>2]=0|He.__str161,Se[ei+144>>2]=0|He.__str162,Se[ei+152>>2]=0|He.__str163,Se[ei+160>>2]=0|He.__str164,Se[ei+172>>2]=0|He.__str165,Se[ei+180>>2]=0|He.__str166,Se[ei+188>>2]=0|He.__str167,Se[si+4>>2]=bi,Se[ni+4>>2]=ki,oi=([2,0,0,0],[\"i8*\",0,0,0],we),Se[bi>>2]=oi+8|0,Se[bi+4>>2]=0|He.__ZTSSt9bad_alloc,Se[bi+8>>2]=li,Se[ki>>2]=oi+8|0,Se[ki+4>>2]=0|He.__ZTSSt20bad_array_new_length,Se[ki+8>>2]=bi,ui=16,ci=6,hi=18,di=6,wi=6,pe=[0,0,Jr,0,va,0,ya,0,ga,0,wa,0,Sa,0,pa,0,ea,0,ma,0],Module.FUNCTION_TABLE=pe,Module.run=ee,Module.preRun&&Module.preRun(),0==Ke){ee()}Module.postRun&&Module.postRun(),Module.__cxa_demangle=G;var pi=v(\"__cxa_demangle\", \"string\", [\"string\", \"string\", \"number\", \"number\"]);return function(r){return pi(r,\"\",1,0)}();\n\n\"use strict\";\nObject.defineProperty(exports, \"__esModule\", { value: true });\nexports.chromeTreeToNodes = void 0;\nfunction treeToArray(root) {\n const nodes = [];\n function visit(node) {\n nodes.push({\n id: node.id,\n callFrame: {\n columnNumber: 0,\n

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functionName: node.functionName,\n          lineNumber: node.lineNumber,\n          scriptId: node.scriptId,\n          url: node.url,\n        },\n        hitCount: node.hitCount,\n        children: node.children.map(child =>\n        child.id),\n      });\n      node.children.forEach(visit);\n    }\n    visit(root);\n    return nodes;\n  }\n\nfunction\n  timestampsToDeltas(timestamps, startTime) {\n    return timestamps.map((timestamp, index) => {\n      const\n        lastTimestamp = index === 0 ? startTime * 1000000 : timestamps[index - 1];\n      return timestamp -\n        lastTimestamp;\n    });\n  }\n\n/**\n * Convert the old tree-based format to the new flat-array based format\n */\n\nfunction chromeTreeToNodes(content) {\n  // Note that both startTime and endTime are now in\n  microseconds\n  return {\n    samples: content.samples,\n    startTime: content.startTime * 1000000,\n    endTime: content.endTime * 1000000,\n    nodes: treeToArray(content.head),\n    timeDeltas:\n      timestampsToDeltas(content.timestamps, content.startTime),\n  };\n}\n\nexports.chromeTreeToNodes =\n  chromeTreeToNodes;\n\n"\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.Flamechart = void 0;\n\nconst utils_1 = require(\"./utils\");\nconst math_1 = require(\"./math\");\n\nclass\n  Flamechart {\n    constructor(source) {\n      this.source = source;\n      // Bottom to top\n      this.layers = [];\n      this.totalWeight = 0;\n      this.minFrameWidth = 1;\n      const stack = [];\n      const openFrame = (node, value)\n    => {\n      const parent = utils_1.lastOf(stack);\n      const frame = {\n        node,\n        parent,\n        children: [],\n        start: value,\n        end: value,\n      };\n      if (parent) {\n        parent.children.push(frame);\n      }\n      stack.push(frame);\n    };\n      this.minFrameWidth = Infinity;\n      const closeFrame = (node, value) => {\n        console.assert(stack.length > 0);\n        const stackTop =\n          stack.pop();\n        stackTop.end = value;\n        if (stackTop.end - stackTop.start === 0)\n          return;\n        const layerIndex = stack.length;\n        while (this.layers.length <= layerIndex)\n          this.layers.push([]);\n        this.layers[layerIndex].push(stackTop);\n        this.minFrameWidth =\n          Math.min(this.minFrameWidth, stackTop.end - stackTop.start);\n      };\n      this.totalWeight =\n        source.getTotalWeight();\n      source.forEachCall(openFrame, closeFrame);\n      if\n        (!isFinite(this.minFrameWidth))\n        this.minFrameWidth = 1;\n    }\n    getTotalWeight() {\n      return\n        this.totalWeight;\n    }\n    getLayers() {\n      return this.layers;\n    }\n    getColorBucketForFrame(frame) {\n      return this.source.getColorBucketForFrame(frame);\n    }\n    getMinFrameWidth() {\n      return\n        this.minFrameWidth;\n    }\n    formatValue(v) {\n      return this.source.formatValue(v);\n    }\n    getClampedViewportWidth(viewportWidth) {\n      const maxWidth = this.getTotalWeight();\n      // In order to\n      avoid floating point error, we cap the maximum zoom. In\n      // particular, it's important that at the maximum\n      zoom level, the total\n      // trace size + a viewport width is not equal to the trace size due to\n      // floating point\n      rounding.\n      // For instance, if the profile's total weight is 2^60, and the viewport\n      // size is 1,\n      trying to move one viewport width right will result in no\n      // change because 2^60 + 1 = 2^60 in floating point\n      arithmetic. JavaScript\n      // numbers are 64 bit floats, and therefore have 53 mantissa bits. You can\n      // see\n      this for yourself in the console. Try:\n      // > Math.pow(2, 60) + 1 === Math.pow(2, 60)\n      // true\n      // > Math.pow(2, 53) + 1 === Math.pow(2, 53)\n      // true\n      // > Math.pow(2, 52) + 1 ===\n      Math.pow(2, 52)\n      // false\n      // We use 2^40 as a cap instead, since we want to be able to make\n      small\n      // adjustments within a viewport width.\n      // For reference, this will still allow you to zoom\n      until 1 nanosecond fills\n      // the screen in a profile with a duration of over 18 minutes.\n      // >\n      Math.pow(2, 40) / (60 * Math.pow(10, 9))\n      // 18.325193796266667\n      // const maxZoom =\n      Math.pow(2, 40);\n      // In addition to capping zoom to avoid floating point error, we further cap\n      // zoom to\n      avoid letting you zoom in so that the smallest element more than\n      // fills the screen, since that probably isn't\n      useful. The final zoom cap is\n      // determined by the minimum zoom of either 2^40x zoom or the necessary\n      zoom\n      // for the smallest frame to fill the screen three times.\n      const minWidth = math_1.clamp(3 *  
this.getMinFrameWidth(), maxWidth / maxZoom, maxWidth);\n      return math_1.clamp(viewportWidth,  
minWidth, maxWidth);\n    }\n    // Given a desired config-space viewport rectangle, clamp the rectangle so\n    // that it fits within the given flamechart. This prevents the viewport from\n    // extending past the bounds of the  
flamechart or zooming in too far.\n    getClampedConfigSpaceViewportRect({ configSpaceViewportRect,  
renderInverted, }) {\n      const configSpaceSize = new math_1.Vec2(this.getTotalWeight(),

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this.getLayers().length);
    const width = this.getClampedViewportWidth(configSpaceViewportRect.size.x);
    const size = configSpaceViewportRect.size.withX(width);
    const origin =
math_1.Vec2.clamp(configSpaceViewportRect.origin, new math_1.Vec2(0, renderInverted ? 0 : -1),
math_1.Vec2.max(math_1.Vec2.zero, configSpaceSize.minus(size).plus(new math_1.Vec2(0, 1))));
    return
new math_1.Rect(origin, configSpaceViewportRect.size.withX(width));
  }
}
}
exports.Flamechart =
Flamechart;
"use strict";
Object.defineProperty(exports, "__esModule", { value: true });
exports.Rect =
exports.AffineTransform = exports.Vec2 = exports.clamp = void 0;
function clamp(x, minVal, maxVal) {
  if (x < minVal)
    return minVal;
  if (x > maxVal)
    return maxVal;
  return x;
}
exports.clamp =
clamp;
let Vec2 = /** @class */ (() => {
  class Vec2 {
    constructor(x, y) {
      this.x = x;
      this.y = y;
    }
    withX(x) {
      return new Vec2(x, this.y);
    }
    withY(y) {
      return
new Vec2(this.x, y);
    }
    plus(other) {
      return new Vec2(this.x + other.x, this.y + other.y);
    }
    minus(other) {
      return new Vec2(this.x - other.x, this.y - other.y);
    }
    times(scalar) {
      return new Vec2(this.x * scalar, this.y * scalar);
    }
    timesPointwise(other) {
      return new
Vec2(this.x * other.x, this.y * other.y);
    }
    dividedByPointwise(other) {
      return new Vec2(this.x /
other.x, this.y / other.y);
    }
    dot(other) {
      return this.x * other.x + this.y * other.y;
    }
    equals(other) {
      return this.x === other.x && this.y === other.y;
    }
    approxEquals(other, epsilon = 1e-9) {
      return Math.abs(this.x - other.x) < epsilon && Math.abs(this.y - other.y) < epsilon;
    }
    length2() {
      return this.dot(this);
    }
    length() {
      return Math.sqrt(this.length2());
    }
    abs() {
      return new Vec2(Math.abs(this.x), Math.abs(this.y));
    }
    static min(a, b) {
      return new Vec2(Math.min(a.x, b.x), Math.min(a.y, b.y));
    }
    static max(a, b) {
      return new
Vec2(Math.max(a.x, b.x), Math.max(a.y, b.y));
    }
    static clamp(v, min, max) {
      return new
Vec2(clamp(v.x, min.x, max.x), clamp(v.y, min.y, max.y));
    }
    flatten() {
      return [this.x,
this.y];
    }
  }
  Vec2.zero = new Vec2(0, 0);
  Vec2.unit = new Vec2(1, 1);
  return
Vec2;
})();
exports.Vec2 = Vec2;
class AffineTransform {
  constructor(m00 = 1, m01 = 0, m02 = 0, m10 = 0,
m11 = 1, m12 = 0) {
    this.m00 = m00;
    this.m01 = m01;
    this.m02 = m02;
    this.m10 = m10;
    this.m11 = m11;
    this.m12 = m12;
  }
  withScale(s) {
    let { m00, m01, m02, m10, m11, m12 } =
this;
    m00 = s.x;
    m11 = s.y;
    return new AffineTransform(m00, m01, m02, m10, m11, m12);
  }
  static withScale(s) {
    return new AffineTransform().withScale(s);
  }
  scaledBy(s) {
    return
AffineTransform.withScale(s).times(this);
  }
  getScale() {
    return new Vec2(this.m00, this.m11);
  }
  withTranslation(t) {
    let { m00, m01, m02, m10, m11, m12 } = this;
    m02 = t.x;
    m12 = t.y;
    return new AffineTransform(m00, m01, m02, m10, m11, m12);
  }
  static withTranslation(t) {
    return
new AffineTransform().withTranslation(t);
  }
  getTranslation() {
    return new Vec2(this.m02,
this.m12);
  }
  translatedBy(t) {
    return AffineTransform.withTranslation(t).times(this);
  }
  static
betweenRects(from, to) {
    return AffineTransform.withTranslation(from.origin.times(-1))
.scaledBy(new Vec2(to.size.x / from.size.x, to.size.y / from.size.y))
.translatedBy(to.origin);
  }
  times(other) {
    const m00 = this.m00 * other.m00 + this.m01 * other.m10;
    const m01 = this.m00 *
other.m01 + this.m01 * other.m11;
    const m02 = this.m00 * other.m02 + this.m01 * other.m12 + this.m02;
    const m10 = this.m10 * other.m00 + this.m11 * other.m10;
    const m11 = this.m10 *
other.m01 + this.m11 *
other.m11;
    const m12 = this.m10 * other.m02 + this.m11 * other.m12 + this.m12;
    return new
AffineTransform(m00, m01, m02, m10, m11, m12);
  }
  equals(other) {
    return (this.m00 === other.m00
&&
this.m01 === other.m01 &&
this.m02 === other.m02 &&
this.m10 === other.m10 &&
this.m11 === other.m11 &&
this.m12 === other.m12);
  }
  approxEquals(other, epsilon = 1e-9) {
    return (Math.abs(this.m00 - other.m00) < epsilon &&
Math.abs(this.m01 - other.m01) < epsilon
&&
Math.abs(this.m02 - other.m02) < epsilon &&
Math.abs(this.m10 - other.m10) < epsilon
&&
Math.abs(this.m11 - other.m11) < epsilon &&
Math.abs(this.m12 - other.m12) < epsilon);
  }
  timesScalar(s) {
    const { m00, m01, m02, m10, m11, m12 } = this;
    return new AffineTransform(s
* m00, s * m01, s * m02, s * m10, s * m11, s * m12);
  }
  det() {
    const { m00, m01, m02, m10, m11,
m12 } = this;
    const m20 = 0;
    const m21 = 0;
    const m22 = 1;
    return (m00 * (m11 * m22 -

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m12 * m21) - m01 * (m10 * m22 - m12 * m20) + m02 * (m10 * m21 - m11 * m20));\n  }\n  adj() {\n    const {
m00, m01, m02, m10, m11, m12 } = this;\n    const m20 = 0;\n    const m21 = 0;\n    const m22 = 1;\n    //
Adjugate matrix (a) is the transpose of the\n    // cofactor matrix (c).\n    //\n    // 00 01 02\n    // 10 11 12\n    // 20 21 22\n    const a00 = /* c00 = */ +(m11 * m22 - m12 * m21);\n    const a01 = /* c10 = */ -(m01 * m22
- m02 * m21);\n    const a02 = /* c20 = */ +(m01 * m12 - m02 * m11);\n    const a10 = /* c01 = */ -(m10 *
m22 - m12 * m20);\n    const a11 = /* c11 = */ +(m00 * m22 - m02 * m20);\n    const a12 = /* c21 = */ -(m00
* m12 - m02 * m10);\n    return new AffineTransform(a00, a01, a02, a10, a11, a12);\n  }\n  inverted() {\n
const det = this.det();\n    if (det === 0)\n      return null;\n    const adj = this.adj();\n    return
adj.timesScalar(1 / det);\n  }\n  transformVector(v) {\n    return new Vec2(v.x * this.m00 + v.y * this.m01, v.x
* this.m10 + v.y * this.m11);\n  }\n  inverseTransformVector(v) {\n    const inv = this.inverted();\n    if
(!inv)\n      return null;\n    return inv.transformVector(v);\n  }\n  transformPosition(v) {\n    return new
Vec2(v.x * this.m00 + v.y * this.m01 + this.m02, v.x * this.m10 + v.y * this.m11 + this.m12);\n  }\n
inverseTransformPosition(v) {\n    const inv = this.inverted();\n    if (!inv)\n      return null;\n    return
inv.transformPosition(v);\n  }\n  transformRect(r) {\n    const size = this.transformVector(r.size);\n    const
origin = this.transformPosition(r.origin);\n    if (size.x < 0 && size.y < 0) {\n      return new
Rect(origin.plus(size), size.abs());\n    }\n    else if (size.x < 0) {\n      return new Rect(origin.withX(origin.x
+ size.x), size.abs());\n    }\n    else if (size.y < 0) {\n      return new Rect(origin.withY(origin.y + size.y),
size.abs());\n    }\n    return new Rect(origin, size);\n  }\n  inverseTransformRect(r) {\n    const inv =
this.inverted();\n    if (!inv)\n      return null;\n    return inv.transformRect(r);\n  }\n  flatten() {\n    //
Flatten into GLSL format\n    // prettier-ignore\n    return [\n      this.m00, this.m10, 0,\n      this.m01,
this.m11, 0,\n      this.m02, this.m12, 1,\n    ];\n  }\n}\n\nexports.AffineTransform = AffineTransform;\nlet
Rect = /** @class */ (( => {\n  class Rect {\n    constructor(origin, size) {\n      this.origin = origin;\n
this.size = size;\n    }\n    isEmpty() {\n      return this.width() === 0 || this.height() === 0;\n    }\n
width() {\n      return this.size.x;\n    }\n    height() {\n      return this.size.y;\n    }\n    left() {\n
return this.origin.x;\n    }\n    right() {\n      return this.left() + this.width();\n    }\n    top() {\n
return this.origin.y;\n    }\n    bottom() {\n      return this.top() + this.height();\n    }\n    topLeft() {\n
return this.origin;\n    }\n    topRight() {\n      return this.origin.plus(new Vec2(this.width(), 0));\n    }\n
bottomRight() {\n      return this.origin.plus(this.size);\n    }\n    bottomLeft() {\n      return
this.origin.plus(new Vec2(0, this.height()));\n    }\n    withOrigin(origin) {\n      return new Rect(origin,
this.size);\n    }\n    withSize(size) {\n      return new Rect(this.origin, size);\n    }\n    closestPointTo(p)
{\n      return new Vec2(clamp(p.x, this.left(), this.right()), clamp(p.y, this.top(), this.bottom()));\n    }\n
distanceFrom(p) {\n      return p.minus(this.closestPointTo(p)).length();\n    }\n    contains(p) {\n
return this.distanceFrom(p) === 0;\n    }\n    hasIntersectionWith(other) {\n      const top =
Math.max(this.top(), other.top());\n      const bottom = Math.max(top, Math.min(this.bottom(),
other.bottom()));\n      if (bottom - top === 0)\n        return false;\n      const left = Math.max(this.left(),
other.left());\n      const right = Math.max(left, Math.min(this.right(), other.right()));\n      if (right - left ===
0)\n        return false;\n      return true;\n    }\n    intersectWith(other) {\n      const topLeft =
Vec2.max(this.topLeft(), other.topLeft());\n      const bottomRight = Vec2.max(topLeft,
Vec2.min(this.bottomRight(), other.bottomRight()));\n      return new Rect(topLeft,
bottomRight.minus(topLeft));\n    }\n    equals(other) {\n      return this.origin.equals(other.origin) &&
this.size.equals(other.size);\n    }\n    approxEquals(other) {\n      return
this.origin.approxEquals(other.origin) && this.size.approxEquals(other.size);\n    }\n    area() {\n      return
this.size.x * this.size.y;\n    }\n  }\n  Rect.empty = new Rect(Vec2.zero, Vec2.zero);\n  Rect.unit = new
Rect(Vec2.zero, Vec2.unit);\n  Rect.NDC = new Rect(new Vec2(-1, -1), new Vec2(2, 2));\n  return
Rect;\n})();\n\nexports.Rect = Rect;\n\n", "exports = module.exports = require(\"../../node_modules/css-loader/lib/css-
base.js")(false);\n\n// imports\n\n\n// module\n\nexports.push([module.id, \".Content__2QeJf {\n  width: 100%;\n
position: relative;\n  flex: 1 1 auto;\n  display: flex;\n  flex-direction: column;\n  align-items: center;\n  justify-
content: center;\n}]\n\n\n.Paragraph__svNsD {\n  text-align: center;\n}]\n\n\n.ErrorMessage__1LWbq {\n

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margin: 0.5rem 0;\n color: var(--color-dim);\n font-family: var(--font-family-monospace);\n font-size: var(--font-size-monospace-normal);\n}\n\n.Row__1Veyi {\n display: flex;\n flex-direction: row;\n align-items: center;\n justify-content: center;\n flex-flow: wrap;\n}\n\n.EmptyStateContainer__2OQbO {\n text-align: center;\n}\n\n.Header__2vzMq {\n font-size: var(--font-size-sans-large);\n margin-bottom: 0.5rem;\n}\n\n.WelcomeInstructionsList__2MnNw {\n}\n\n.WelcomeInstructionsListItem__3fOQr {\n display: flex;\n align-items: center;\n line-height: 1.5rem;\n counter-increment: li;\n}\n\n.WelcomeInstructionsListItem__3fOQr::before {\n content: counter(li);\n margin-right: 0.5rem;\n}\n\n.WelcomeInstructionsListItemLink__32D2G {\n color: var(--color-link);\n margin-left: 0.25rem;\n margin-right: 0.25rem;\n}\n\n.ImportButtonLabel__1m4fC {\n margin-left: 0.25rem;\n}\n",\n\n"});\n\n// exports\nexports.locals = {\n  "Content": "Content__2QeJf",\n  "Paragraph": "Paragraph__svNsD",\n  "ErrorMessage": "ErrorMessage__1LWbq",\n  "Row": "Row__1Veyi",\n  "EmptyStateContainer": "EmptyStateContainer__2OQbO",\n  "Header": "Header__2vzMq",\n  "WelcomeInstructionsList": "WelcomeInstructionsList__2MnNw",\n  "WelcomeInstructionsListItem": "WelcomeInstructionsListItem__3fOQr",\n  "WelcomeInstructionsListItemLink": "WelcomeInstructionsListItemLink__32D2G",\n  "ImportButtonLabel": "ImportButtonLabel__1m4fC",\n};\n\nexports = module.exports = require("../..../node_modules/css-loader/lib/css-base.js")(false);\n\n// imports\nmodule.exports.push([module.id, ".ActiveRecordToggle__1Cpcb {\n color: var(--color-record-active);\n}\n\n.ActiveRecordToggle__1Cpcb:hover {\n color: var(--color-record-active);\n}\n\n.ActiveRecordToggle__1Cpcb:focus {\n color: var(--color-record-active);\n}\n\n.ActiveRecordToggle__1Cpcb:active {\n color: var(--color-record-hover);\n}\n\n.InactiveRecordToggle__2CUtF {\n color: var(--color-record-inactive);\n}\n\n.InactiveRecordToggle__2CUtF:hover {\n color: var(--color-record-hover);\n}\n\n.InactiveRecordToggle__2CUtF:focus {\n color: var(--color-record-inactive);\n}\n\n.InactiveRecordToggle__2CUtF:active {\n color: var(--color-record-hover);\n}\n\n.DisabledRecordToggle__gcsbF {\n color: var(--color-button-disabled);\n}\n\n.DisabledRecordToggle__gcsbF:hover {\n color: var(--color-button-disabled);\n}\n\n.DisabledRecordToggle__gcsbF:focus {\n color: var(--color-button-disabled);\n}\n\n.DisabledRecordToggle__gcsbF:active {\n color: var(--color-button-disabled);\n}\n\n",\n\n"});\n\n// exports\nexports.locals = {\n  "ActiveRecordToggle": "ActiveRecordToggle__1Cpcb",\n  "InactiveRecordToggle": "InactiveRecordToggle__2CUtF",\n  "DisabledRecordToggle": "DisabledRecordToggle__gcsbF",\n};\n\nexports = module.exports = require("../..../node_modules/css-loader/lib/css-base.js")(false);\n\n// imports\nmodule.exports.push([module.id, ".VRule__2XiHw {\n height: 20px;\n width: 1px;\n border-left: 1px solid var(--color-border);\n padding-left: 0.25rem;\n margin-left: 0.25rem;\n}\n\n**\n * https://developer.mozilla.org/en-US/docs/Web/API/File/Using_files_from_web_applications\n *\n\n.Input__2GKA7 {\n position: absolute !important;\n height: 1px;\n width: 1px;\n overflow: hidden;\n clip: rect(1px, 1px, 1px, 1px);\n}\n\n.ErrorMessage__3yR0b {\n margin: 0.5rem 0;\n color: var(--color-dim);\n font-family: var(--font-family-monospace);\n font-size: var(--font-size-monospace-normal);\n}\n",\n\n"});\n\n// exports\nexports.locals = {\n  "VRule": "VRule__2XiHw",\n  "Input": "Input__2GKA7",\n  "ErrorMessage": "ErrorMessage__3yR0b",\n};\n\nexports = module.exports = require("../..../node_modules/css-loader/lib/css-base.js")(false);\n\n// imports\nmodule.exports.push([module.id, ".Outer__2YMUU {\n user-select: none;\n cursor: pointer;\n border-bottom: 3px solid transparent;\n padding-top: 4px;\n padding-bottom: 1px;\n display: flex;\n align-items: flex-end;\n}\n\n.Outer__2YMUU:hover {\n background-color: var(--color-background);\n}\n\n\n.Inner__TFCLU,\n\n.InnerSelected__2Qf2T {\n width: 100%;\n min-height: 2px;\n background-color: var(--color-commit-did-not-render-fill);\n color: var(--color-commit-did-not-render-fill-

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text);\n}\n\n.InnerSelected___2Qf2T {\n background-color: var(--color-button-active);\n}\", \n\n");\n\n//
exports\nexports.locals = {\n\t"Outer": \"Outer___2YMUU\", \n\t"Inner":
\n\t"Inner___TFCLU\", \n\t"InnerSelected": \"InnerSelected___2Qf2T\";\n};\n\nexports = module.exports =
require(\"../../../../../node_modules/css-loader/lib/css-base.js\")(false);\n\n imports\n\n//
module\nexports.push([module.id, \".List___1_Mwa {\n\n /*\n\n * The decision to suppress the default (horizontal)
scroll bars is intentional.\n\n * The snapshot selector is small enough that the scrollbar renders it essentially
useless.\n\n * There are two alternative navigation mechanisms (arrow keys and arrow buttons).\n\n * If necessary,
we could also expand the click-and-drag mechanism to scroll.\n\n */\n overflow-x: hidden
!important;\n}\n\n.ToolTip___2j_4b {\n margin-top: 2.5rem;\n}\n\n.ToolTipList___26ss7 {\n list-style:
none;\n padding: 0;\n margin: 0;\n}\n\n.ToolTipListItem___3xWli {\n display:
flex;\n}\n\n.ToolTipLabel___2xbrN {\n font-weight: bold;\n margin-right:
0.25rem;\n}\n\n.ToolTipLabel___2xbrN:after {\n content: ':';\n}\n\n.ToolTipValue___1nc1C {\n flex-grow: 1;\n
text-align: end;\n}\n\n.DurationsWrapper___10A0R {\n flex-grow: 1;\n}\n\n.DurationsList___NtAHH {\n
list-style: none;\n margin: 0 0 1rem;\n padding: 0;\n}\n\n.DurationsListItem___Q0jav {\n display:
flex;\n}\n\n.DurationsLabel___XxynS {\n margin-right: 0.25rem;\n}\n\n.DurationsLabel___XxynS:after {\n
content: ':';\n}\n\n.DurationsValue___1FRM8 {\n flex-grow: 1;\n text-align: end;\n}\", \n\n");\n\n//
exports\nexports.locals = {\n\t"List": \"List___1_Mwa\", \n\t"Tooltip": \"Tooltip___2j_4b\", \n\t"TooltipList":
\n\t\"TooltipList___26ss7\", \n\t"TooltipListItem": \"TooltipListItem___3xWli\", \n\t"TooltipLabel":
\n\t\"TooltipLabel___2xbrN\", \n\t"TooltipValue": \"TooltipValue___1nc1C\", \n\t"DurationsWrapper":
\n\t\"DurationsWrapper___10A0R\", \n\t"DurationsList": \"DurationsList___NtAHH\", \n\t"DurationsListItem":
\n\t\"DurationsListItem___Q0jav\", \n\t"DurationsLabel": \"DurationsLabel___XxynS\", \n\t"DurationsValue\":
\n\t\"DurationsValue___1FRM8\";\n};\n\nexports = module.exports = require(\"../../../../../node_modules/css-
loader/lib/css-base.js\")(false);\n\n imports\n\n// module\nexports.push([module.id, \".Button___7tgtJ {\n flex: 0 0
auto;\n margin-left: 0.25rem;\n}\n\n.Commits___2KF5W {\n height: 100%; \n min-width: 30px;\n margin-
left: 0.25rem;\n overflow: visible;\n}\n\n.Commits___2KF5W:focus {\n outline: none;\n background-color: var(-
-color-button-background-focus);\n}\n\n.IndexLabel___36CS7 {\n flex: 0 0 auto;\n white-space: nowrap;\n
font-family: var(--font-family-monospace);\n margin-left: 0.25rem;\n}\n\n.NoCommits___3GzV1 {\n height:
100%; \n display: flex;\n align-items: center;\n justify-content: center;\n color: var(--color-
dim);\n}\n\n.Input___2QoRI {\n background: none;\n font-size: var(--font-size-sans-normal);\n text-align:
right;\n font-family: var(--font-family-monospace);\n border: 1px solid transparent;\n border-radius:
0.125rem;\n padding: 0.125rem;\n color: var(--color-attribute-editable-value);\n}\n\n.Input___2QoRI:focus {\n
background-color: var(--color-button-background-focus);\n outline: none;\n}\n\n\", \n\n");\n\n//
exports\nexports.locals = {\n\t"Button": \"Button___7tgtJ\", \n\t"Commits":
\n\t\"Commits___2KF5W\", \n\t"IndexLabel\": \"IndexLabel___36CS7\", \n\t"NoCommits\":
\n\t\"NoCommits___3GzV1\", \n\t"Input": \"Input___2QoRI\";\n};\n\nexports = module.exports =
require(\"../../../../../node_modules/css-loader/lib/css-base.js\")(false);\n\n imports\n\n//
module\nexports.push([module.id, \".Updaters___ykaBk {\n margin: 0 0
0.5rem;\n}\n\n.NoUpdaters___2ZO7w, \n\n.Updater___f5nQz, \n\n.UnmountedUpdater___2Smse {\n display:
block;\n width: 100%; \n text-align: left;\n background: none;\n border: none;\n padding: 0.25rem 0.5rem;\n
color: var(--color-text);\n}\n\n.Updater___f5nQz:focus, \n\n.Updater___f5nQz:hover {\n outline: none;\n
background-color: var(--color-background-
hover);\n}\n\n.NoUpdaters___2ZO7w, \n\n.UnmountedUpdater___2Smse {\n color: var(--color-dim);\n}\n\n\",
\n\n");\n\n// exports\nexports.locals = {\n\t"Updaters": \"Updaters___ykaBk\", \n\t"NoUpdaters\":
\n\t\"NoUpdaters___2ZO7w\", \n\t"Updater": \"Updater___f5nQz\", \n\t"UnmountedUpdater\":
\n\t\"UnmountedUpdater___2Smse\";\n};\n\nexports = module.exports = require(\"../../../../../node_modules/css-
loader/lib/css-base.js\")(false);\n\n imports\n\n// module\nexports.push([module.id, \".Toolbar___CuJgF {\n
height: 2.25rem;\n padding: 0 0.5rem;\n flex: 0 0 auto;\n display: flex;\n align-items: center;\n border-bottom:
1px solid var(--color-border);\n}\n\n.Content___2tGS0 {\n padding: 0.5rem;\n user-select: none;\n overflow:

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auto;\n}\n\n.List__2AC9R {\n list-style: none;\n margin: 0;\n padding: 0;\n}\n\n.ListItem__2wzT0 {\n margin: 0 0 0.5rem;\n}\n\n.Label__3KINM {\n overflow: hidden;\n text-overflow: ellipsis;\n font-weight: bold;\n}\n\n.Value__3wrFP {\n font-family: var(--font-family-monospace);\n font-size: var(--font-size-monospace-normal);\n}\n\n.NothingSelected__2Sj9L {\n display: flex;\n align-items: center;\n justify-content: center;\n height: 100%;\n color: var(--color-dim);\n}\n\n.DurationsList__19XUj {\n list-style: none;\n margin: 0.25rem 0 0 0;\n padding: 0;\n background: var(--color-background-inactive);\n padding: 0.25rem 0.5rem;\n border-radius: 0.25rem;\n}\n\n.DurationsListItem__2UKVV {\n margin: 0.25rem 0 0 0;\n}\n\n.DurationsListItem__2UKVV:first-of-type {\n margin: 0;\n}\n\n"};\n\n// exports\nexports.locals = {\n\n"Toolbar": "Toolbar__CuJgF",\n\n"Content": "Content__2tGS0",\n\n"List": "List__2AC9R",\n\n"ListItem": "ListItem__2wzT0",\n\n"Label": "Label__3KINM",\n\n"Value": "Value__3wrFP",\n\n"NothingSelected": "NothingSelected__2Sj9L",\n\n"DurationsList": "DurationsList__19XUj",\n\n"DurationsListItem": "DurationsListItem__2UKVV"\n};\n\n,"exports = module.exports = require("../..../..../node_modules/css-loader/lib/css-base.js")(false);\n\n// imports\n\n// module\nexports.push([module.id, ".Toolbar__2uBS2 {\n\n height: 2.25rem;\n\n padding: 0 0.5rem;\n\n flex: 0 0 auto;\n\n display: flex;\n\n align-items: center;\n\n border-bottom: 1px solid var(--color-border);\n}\n\n\n.Content__1WAA9 {\n\n padding: 0.5rem;\n\n user-select: none;\n\n overflow-y: auto;\n}\n\n\n.WhatChanged__3T3Sx {\n\n margin-bottom: 1rem;\n}\n\n\n.Component__1oc9o {\n\n flex: 1;\n\n color: var(--color-component-name);\n\n font-family: var(--font-family-monospace);\n\n font-size: var(--font-size-monospace-normal);\n\n white-space: nowrap;\n\n overflow-x: hidden;\n\n text-overflow: ellipsis;\n}\n\n\n.Label__buTyu {\n\n font-weight: bold;\n\n margin-bottom: 0.5rem;\n}\n\n\n.CurrentCommit__2ZAI5,\n\n.Commit__2PAr5 {\n\n display: block;\n\n width: 100%;\n\n text-align: left;\n\n background: none;\n\n border: none;\n\n padding: 0.25rem 0.5rem;\n\n color: var(--color-text);\n}\n\n\n.Commit__2PAr5:focus,\n\n.Commit__2PAr5:hover {\n\n outline: none;\n\n background-color: var(--color-background-hover);\n}\n\n\n.CurrentCommit__2ZAI5 {\n\n background-color: var(--color-background-selected);\n\n color: var(--color-text-selected);\n}\n\n\n.CurrentCommit__2ZAI5:focus {\n\n outline: none;\n}\n\n"};\n\n// exports\nexports.locals = {\n\n"Toolbar": "Toolbar__2uBS2",\n\n"Content": "Content__1WAA9",\n\n"WhatChanged": "WhatChanged__3T3Sx",\n\n"Component": "Component__1oc9o",\n\n"Label": "Label__buTyu",\n\n"CurrentCommit": "CurrentCommit__2ZAI5",\n\n"Commit": "Commit__2PAr5"\n};\n\n,"exports = module.exports = require("../..../..../node_modules/css-loader/lib/css-base.js")(false);\n\n// imports\n\n// module\nexports.push([module.id, ".Profiler__20Ry4 {\n\n width: 100%;\n\n height: 100%;\n\n position: relative;\n\n display: flex;\n\n flex-direction: row;\n\n align-items: stretch;\n\n font-family: var(--font-family-sans);\n\n font-size: var(--font-size-sans-normal);\n\n background-color: var(--color-background);\n\n color: var(--color-text);\n}\n\n\n.Profiler__20Ry4, .Profiler__20Ry4 * {\n\n box-sizing: border-box;\n\n -webkit-font-smoothing: var(--font-smoothing);\n}\n\n\n.LeftColumn__3I7-I {\n\n display: flex;\n\n flex-direction: column;\n\n flex: 2 1 200px;\n\n border-top: 1px solid var(--color-border);\n}\n\n\n.RightColumn__3smXD {\n\n display: flex;\n\n flex-direction: column;\n\n flex: 1 1 100px;\n\n max-width: 300px;\n\n overflow-x: hidden;\n\n border-left: 1px solid var(--color-border);\n\n border-top: 1px solid var(--color-border);\n}\n\n\n.Content__1LjDy {\n\n position: relative;\n\n flex: 1 1 auto;\n\n display: flex;\n\n flex-direction: column;\n\n align-items: center;\n\n justify-content: center;\n}\n\n\n.Column__3WWtw {\n\n display: flex;\n\n flex-direction: column;\n\n align-items: center;\n\n justify-content: center;\n\n padding: 0 1rem;\n}\n\n\n.Paragraph__1HLty {\n\n text-align: center;\n}\n\n\n.Row__1RpSu {\n\n display: flex;\n\n flex-direction: row;\n\n align-items: center;\n\n justify-content: center;\n}\n\n\n.Header__QyJw2 {\n\n font-size: var(--font-size-sans-large);\n\n margin-bottom: 0.5rem;\n}\n\n\n.Toolbar__30kHu {\n\n height: 2.25rem;\n\n padding: 0 0.25rem;\n\n flex: 0 0 auto;\n\n display: flex;\n\n align-items: center;\n\n border-bottom: 1px solid var(--color-border);\n}\n\n\n.VRule__2y9G3 {\n\n height: 20px;\n\n width: 1px;\n\n border-left: 1px solid var(--color-border);\n\n padding-left: 0.25rem;\n\n margin-left: 0.25rem;\n}\n\n\n.Spacer__1sezP {\n\n flex: 1;\n}\n\n\n.StopRecordingButton__1-EIU {\n\n font-size: var(--font-size-sans-large);\n\n padding: 0.5rem;\n}\n\n\n.ContentFallback__2Ata2 {\n\n width: 100%;\n\n height: 100%;\n\n

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display: flex;\n align-items: center;\n justify-content: center;\n font-size: var(--font-size-sans-large);\n color:
var(--color-dim);\n}\n\n.SnapshotSelectorFallback__3fsFv {\n height: 100%;\n padding-left: 0.5rem;\n
display: flex;\n align-items: center;\n justify-content: center;\n font-size: var(--font-size-sans-large);\n color:
var(--color-dim);\n}\n\n.Link__mZ2LE {\n color: var(--color-
button);\n}\n\n.TimelineSearchInputContainer__33BJF {\n flex: 1 1;\n display: flex;\n align-items:
center;\n}\n\n", \n\n");\n\n// exports\nexports.locals = {\n\t"Profiler": "Profiler__20Ry4",\n\t"LeftColumn":
"LeftColumn__3I7-I",\n\t"RightColumn": "RightColumn__3smXD",\n\t"Content":
"Content__1LjDy",\n\t"Column": "Column__3WWtw",\n\t"Paragraph":
"Paragraph__1HLty",\n\t"Row": "Row__1RpSu",\n\t"Header": "Header__QyJw2",\n\t"Toolbar":
"Toolbar__30kHu",\n\t"VRule": "VRule__2y9G3",\n\t"Spacer":
"Spacer__1sezP",\n\t"StopRecordingButton": "StopRecordingButton__1-EIU",\n\t"ContentFallback":
"ContentFallback__2Ata2",\n\t"SnapshotSelectorFallback": "SnapshotSelectorFallback__3fsFv",\n\t"Link":
"Link__mZ2LE",\n\t"TimelineSearchInputContainer":
"TimelineSearchInputContainer__33BJF"\n};", "exports = module.exports =
require(".././././././node_modules/css-loader/lib/css-base.js")(false);\n// imports\n\n\n//
module\nexports.push([module.id, ".ReactLogo__O8zf5 {\n width: 1.75rem;\n height: 1.75rem;\n margin: 0
0.75rem 0 0.25rem;\n color: var(--color-button-active);\n}\n\n", \n\n");\n\n// exports\nexports.locals =
{\n\t"ReactLogo": "ReactLogo__O8zf5"\n};", "exports = module.exports =
require(".././././././node_modules/css-loader/lib/css-base.js")(false);\n// imports\n\n\n//
module\nexports.push([module.id, ".Column__3s3y6 {\n display: flex; \n flex-direction: column; \n}
\n\n.Title__2c8MM {\n font-size: var(--font-size-sans-large); \n margin-bottom: 0.5rem; \n}
\n\n.ReleaseNotesLink__2PYAH {\n color: var(--color-button-active); \n}\n\n.Version__34HO3 {\n color:
var(--color-bridge-version-number); \n font-weight: bold;\n}\n\n.NpmCommand__2IHg1 {\n display: flex;\n
justify-content: space-between;\n padding: 0.25rem 0.25rem 0.25rem 0.5rem;\n background-color: var(--color-
bridge-version-npm-background);\n color: var(--color-bridge-version-npm-text);\n margin: 0;\n font-family:
var(--font-family-monospace);\n font-size: var(--font-size-monospace-large);\n}\n\n.Paragraph__3H72v {\n
margin: 0.5rem 0;\n}\n\n.Link__5TAEG {\n color: var(--color-link);\n}\n\n", \n\n");\n\n// exports\nexports.locals =
{\n\t"Column": "Column__3s3y6",\n\t"Title": "Title__2c8MM",\n\t"ReleaseNotesLink":
"ReleaseNotesLink__2PYAH",\n\t"Version": "Version__34HO3",\n\t"NpmCommand":
"NpmCommand__2IHg1",\n\t"Paragraph": "Paragraph__3H72v",\n\t"Link":
"Link__5TAEG"\n};", "exports = module.exports = require(".././././././node_modules/css-loader/lib/css-
base.js")(false);\n// imports\n\n\n// module\nexports.push([module.id, ".Row__3IwJ6 {\n display: flex; \n
flex-direction: row; \n align-items: center; \n}\n\n.Column__w9Fle {\n display: flex; \n flex-direction:
column; \n align-items: center; \n}\n\n.Title__1PTyg {\n font-size: var(--font-size-sans-large); \n margin-
bottom: 0.5rem; \n}\n\n.ReleaseNotesLink__2_Y38 {\n color: var(--color-button-active); \n}\n\n", \n\n");\n\n//
exports\nexports.locals = {\n\t"Row": "Row__3IwJ6",\n\t"Column": "Column__w9Fle",\n\t"Title":
"Title__1PTyg",\n\t"ReleaseNotesLink": "ReleaseNotesLink__2_Y38"\n};", "exports = module.exports =
require("../././././././node_modules/css-loader/lib/css-base.js")(false);\n// imports\n\n\n//
module\nexports.push([module.id, ".Command__2iS3V {\n background-color: var(--color-dimmest);\n
padding: 0.25rem 0.5rem;\n display: block;\n border-radius: 0.125rem;\n}\n\n", \n\n");\n\n//
exports\nexports.locals = {\n\t"Command": "Command__2iS3V"\n};", "exports = module.exports =
require("../././././././node_modules/css-loader/lib/css-base.js")(false);\n// imports\n\n\n//
module\nexports.push([module.id, ".DevTools__NAXvy {\n width: 100%;\n height: 100%;\n display: flex;\n
flex-direction: column;\n background-color: var(--color-background);\n color: var(--color-
text);\n}\n\n.TabBar__2aDHU {\n flex: 0 0 auto;\n display: flex;\n align-items: center;\n padding: 0
0.5rem;\n background-color: var(--color-background);\n border-top: 1px solid var(--color-border);\n font-family:
var(--font-family-sans);\n font-size: var(--font-size-sans-large);\n user-select: none;\n\n} /* Electron drag area
*/\n\n -webkit-app-region: drag;\n}\n\n.Spacer__1VPRF {\n flex: 1;\n}\n\n.TabContent__27Qz1 {\n flex: 1

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shared/src/devtools/views/DevTools';\n\nconst BATCH_DURATION = 100;\n\n// This message specifies the
version of the DevTools protocol currently supported by the backend,\n// as well as the earliest NPM version (e.g.
\"4.13.0\") that protocol is supported by on the frontend.\n// This enables an older frontend to display an upgrade
message to users for a newer, unsupported backend.\nexport type BridgeProtocol = {\n // Version supported by the
current frontend/backend.\n version: number,\n // NPM version range that also supports this version.\n // Note
that 'maxNpmVersion' is only set when the version is bumped.\n minNpmVersion: string,\n maxNpmVersion:
string | null,\n};\n\n// Bump protocol version whenever a backwards breaking change is made\n// in the messages
sent between BackendBridge and FrontendBridge.\n// This mapping is embedded in both frontend and backend
builds.\n\n// The backend protocol will always be the latest entry in the BRIDGE_PROTOCOL array.\n\n// When
an older frontend connects to a newer backend,\n// the backend can send the minNpmVersion and the frontend can
display an NPM upgrade prompt.\n\n// When a newer frontend connects with an older protocol version,\n// the
frontend can use the embedded minNpmVersion/maxNpmVersion values to display a downgrade prompt.\nexport
const BRIDGE_PROTOCOL: Array<BridgeProtocol> = [\n // This version technically never existed,\n // but a
backwards breaking change was added in 4.11,\n // so the safest guess to downgrade the frontend would be to
version 4.10.\n {\n version: 0,\n minNpmVersion: \"<4.11.0\", \n maxNpmVersion: \"<4.11.0\", \n }, \n {\n
version: 1,\n minNpmVersion: '4.13.0', \n maxNpmVersion: '4.21.0', \n }, \n // Version 2 adds a StrictMode-
enabled and supports-StrictMode bits to add-root operation.\n {\n version: 2,\n minNpmVersion: '4.22.0', \n
maxNpmVersion: null, \n }, \n];\n\nexport const currentBridgeProtocol: BridgeProtocol =\n
BRIDGE_PROTOCOL[BRIDGE_PROTOCOL.length - 1];\n\ntype ElementAndRendererID = {\nid: number,
rendererID: RendererID};\n\ntype Message = {\n event: string, \n payload: any, \n};\n\ntype
HighlightElementInDOM = {\n ...ElementAndRendererID, \n displayName: string | null, \n hideAfterTimeout:
boolean, \n openNativeElementsPanel: boolean, \n scrollIntoView: boolean, \n};\n\ntype OverrideValue = {\n
...ElementAndRendererID, \n path: Array<string | number>, \n wasForwarded?: boolean, \n value: any, \n};\n\ntype
OverrideHookState = {\n ...OverrideValue, \n hookID: number, \n};\n\ntype PathType = 'props' | 'hooks' | 'state' |
'context';\n\ntype DeletePath = {\n ...ElementAndRendererID, \n type: PathType, \n hookID?: ?number, \n path:
Array<string | number>, \n};\n\ntype RenamePath = {\n ...ElementAndRendererID, \n type: PathType, \n hookID?:
?number, \n oldPath: Array<string | number>, \n newPath: Array<string | number>, \n};\n\ntype
OverrideValueAtPath = {\n ...ElementAndRendererID, \n type: PathType, \n hookID?: ?number, \n path:
Array<string | number>, \n value: any, \n};\n\ntype OverrideError = {\n ...ElementAndRendererID, \n forceError:
boolean, \n};\n\ntype OverrideSuspense = {\n ...ElementAndRendererID, \n forceFallback: boolean, \n};\n\ntype
CopyElementPathParams = {\n ...ElementAndRendererID, \n path: Array<string | number>, \n};\n\ntype
ViewAttributeSourceParams = {\n ...ElementAndRendererID, \n path: Array<string | number>, \n};\n\ntype
InspectElementParams = {\n ...ElementAndRendererID, \n forceFullData: boolean, \n path: Array<number | string>
| null, \n requestID: number, \n};\n\ntype StoreAsGlobalParams = {\n ...ElementAndRendererID, \n count:
number, \n path: Array<string | number>, \n};\n\ntype NativeStyleEditor_RenameAttributeParams = {\n
...ElementAndRendererID, \n oldName: string, \n newName: string, \n value: string, \n};\n\ntype
NativeStyleEditor_SetValueParams = {\n ...ElementAndRendererID, \n name: string, \n value: string, \n};\n\ntype
UpdateConsolePatchSettingsParams = {\n appendComponentStack: boolean, \n breakOnConsoleErrors: boolean, \n
showInlineWarningsAndErrors: boolean, \n hideConsoleLogsInStrictMode: boolean, \n browserTheme:
BrowserTheme, \n};\n\ntype SavedPreferencesParams = {\n appendComponentStack: boolean, \n
breakOnConsoleErrors: boolean, \n componentFilters: Array<ComponentFilter>, \n showInlineWarningsAndErrors:
boolean, \n hideConsoleLogsInStrictMode: boolean, \n};\n\nexport type BackendEvents = {\n bridgeProtocol:
[BridgeProtocol], \n extensionBackendInitialized: [], \n fastRefreshScheduled: [], \n getSavedPreferences: [], \n
inspectedElement: [InspectedElementPayload], \n isBackendStorageAPISupported: [boolean], \n
isSynchronousXHRSupported: [boolean], \n operations: [Array<number>], \n ownersList: [OwnersList], \n
overrideComponentFilters: [Array<ComponentFilter>], \n profilingData: [ProfilingDataBackend], \n
profilingStatus: [boolean], \n reloadAppForProfiling: [], \n selectFiber: [number], \n shutdown: [], \n
stopInspectingNative: [boolean], \n syncSelectionFromNativeElementsPanel: [], \n

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syncSelectionToNativeElementsPanel: [],\n unsupportedRendererVersion: [RendererID],\n\n // React Native style
editor plug-in.\n isNativeStyleEditorSupported: [\n  {isSupported: boolean, validAttributes:
?$ReadOnlyArray<string>},\n ],\n NativeStyleEditor_styleAndLayout: [StyleAndLayoutPayload],\n];\n\ntype
FrontendEvents = {\n  clearErrorsAndWarnings: [{|rendererID: RendererID}],\n  clearErrorsForFiberID:
[ElementAndRendererID],\n  clearNativeElementHighlight: [],\n  clearWarningsForFiberID:
[ElementAndRendererID],\n  copyElementPath: [CopyElementPathParams],\n  deletePath: [DeletePath],\n
getBridgeProtocol: [],\n  getOwnersList: [ElementAndRendererID],\n  getProfilingData: [{|rendererID:
RendererID}],\n  getProfilingStatus: [],\n  highlightNativeElement: [HighlightElementInDOM],\n  inspectElement:
[InspectElementParams],\n  logElementToConsole: [ElementAndRendererID],\n  overrideError: [OverrideError],\n
overrideSuspense: [OverrideSuspense],\n  overrideValueAtPath: [OverrideValueAtPath],\n  profilingData:
[ProfilingDataBackend],\n  reloadAndProfile: [boolean],\n  renamePath: [RenamePath],\n  savedPreferences:
[SavedPreferencesParams],\n  selectFiber: [number],\n  setTraceUpdatesEnabled: [boolean],\n  shutdown: [],\n
startInspectingNative: [],\n  startProfiling: [boolean],\n  stopInspectingNative: [boolean],\n  stopProfiling: [],\n
storeAsGlobal: [StoreAsGlobalParams],\n  updateComponentFilters: [Array<ComponentFilter>],\n
updateConsolePatchSettings: [UpdateConsolePatchSettingsParams],\n  viewAttributeSource:
[ViewAttributeSourceParams],\n  viewElementSource: [ElementAndRendererID],\n\n // React Native style editor
plug-in.\n NativeStyleEditor_measure: [ElementAndRendererID],\n NativeStyleEditor_renameAttribute:
[NativeStyleEditor_RenameAttributeParams],\n NativeStyleEditor_setValue:
[NativeStyleEditor_SetValueParams],\n\n // Temporarily support newer standalone front-ends sending commands
to older embedded backends.\n // We do this because React Native embeds the React DevTools backend,\n // but
cannot control which version of the frontend users use.\n /\n // Note that nothing in the newer backend actually
listens to these events,\n // but the new frontend still dispatches them (in case older backends are listening to them
instead).\n /\n // Note that this approach does no support the combination of a newer backend with an older
frontend.\n // It would be more work to support both approaches (and not run handlers twice)\n // so I chose to
support the more likely/common scenario (and the one more difficult for an end user to "fix").\n overrideContext:
[OverrideValue],\n overrideHookState: [OverrideHookState],\n overrideProps: [OverrideValue],\n overrideState:
[OverrideValue],\n];\n\nclass Bridge<\n  OutgoingEvents: Object,\n  IncomingEvents: Object,\n> extends
EventEmitter<{\n  ...IncomingEvents,\n  ...OutgoingEvents,\n}> {\n  _isShutdown: boolean = false;\n
_messageQueue: Array<any> = [];\n  _timeoutID: TimeoutID | null = null;\n  _wall: Wall;\n  _wallUnlisten:
Function | null = null;\n\n  constructor(wall: Wall) {\n    super();\n\n    this._wall = wall;\n\n    this._wallUnlisten =\n      wall.listen((message: Message) => {\n        if (message && message.event) {\n          (this:
any).emit(message.event, message.payload);\n        }\n      }) || null;\n\n    // Temporarily support older standalone
front-ends sending commands to newer embedded backends.\n    // We do this because React Native embeds the
React DevTools backend,\n    // but cannot control which version of the frontend users use.\n\n    this.addListener('overrideValueAtPath', this.overrideValueAtPath);\n  }\n\n  // Listening directly to the wall isn't
advised.\n  // It can be used to listen for legacy (v3) messages (since they use a different format).\n  get wall(): Wall
{\n    return this._wall;\n  }\n\n  send<EventName: $Keys<OutgoingEvents>>>(\n    event: EventName,\n    ...payload: $ElementType<OutgoingEvents, EventName>\n  ) {\n    if (this._isShutdown) {\n      console.warn(\n
`Cannot send message "${event}" through a Bridge that has been shutdown.`,\n      );\n      return;\n    }\n\n    //
When we receive a message:\n    // - we add it to our queue of messages to be sent\n    // - if there hasn't been a
message recently, we set a timer for 0 ms in\n    // the future, allowing all messages created in the same tick to be
sent\n    // together\n    // - if there *has* been a message flushed in the last BATCH_DURATION ms\n    // (or
we're waiting for our setTimeout-0 to fire), then _timeoutID will\n    // be set, and we'll simply add to the queue
and wait for that\n    this._messageQueue.push(event, payload);\n    if (!this._timeoutID) {\n      this._timeoutID =
setTimeout(this._flush, 0);\n    }\n  }\n\n  shutdown() {\n    if (this._isShutdown) {\n      console.warn('Bridge was
already shutdown.);\n      return;\n    }\n\n    // Queue the shutdown outgoing message for subscribers.\n
this.send('shutdown');\n\n    // Mark this bridge as destroyed, i.e. disable its public API.\n    this._isShutdown =
true;\n\n    // Disable the API inherited from EventEmitter that can add more listeners and send more messages.\n

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// $FlowFixMe This property is not writable.\n  this.addListener = function() {};\n // $FlowFixMe This property
is not writable.\n  this.emit = function() {};\n // NOTE: There's also EventEmitter API like `on` and
`prependListener` that we didn't add to our Flow type of EventEmitter.\n\n // Unsubscribe this bridge incoming
message listeners to be sure, and so they don't have to do that.\n  this.removeAllListeners();\n\n // Stop accepting
and emitting incoming messages from the wall.\n  const wallUnlisten = this._wallUnlisten;\n  if (wallUnlisten) {\n
  wallUnlisten();\n  }\n\n // Synchronously flush all queued outgoing messages.\n // At this step the
subscribers' code may run in this call stack.\n  do {\n  this._flush();\n  } while (this._messageQueue.length);\n\n
// Make sure once again that there is no dangling timer.\n  if (this._timeoutID !== null) {\n
clearTimeout(this._timeoutID);\n  this._timeoutID = null;\n  }\n\n _flush = () => {\n // This method is
used after the bridge is marked as destroyed in shutdown sequence,\n // so we do not bail out if the bridge marked
as destroyed.\n // It is a private method that the bridge ensures is only called at the right times.\n\n  if
(this._timeoutID !== null) {\n  clearTimeout(this._timeoutID);\n  this._timeoutID = null;\n  }\n\n  if
(this._messageQueue.length) {\n  for (let i = 0; i < this._messageQueue.length; i += 2) {\n
this._wall.send(this._messageQueue[i], ...this._messageQueue[i + 1]);\n  }\n  this._messageQueue.length =
0;\n\n  // Check again for queued messages in BATCH_DURATION ms. This will keep\n  // flushing in a loop
as long as messages continue to be added. Once no\n  // more are, the timer expires.\n  this._timeoutID =
setTimeout(this._flush, BATCH_DURATION);\n  }\n  };\n\n // Temporarily support older standalone backends by
forwarding `overrideValueAtPath` commands\n // to the older message types they may be listening to.\n
overrideValueAtPath = ({\n  id,\n  path,\n  rendererID,\n  type,\n  value,\n  }: OverrideValueAtPath) => {\n
switch (type) {\n  case 'context':\n  this.send('overrideContext', {\n  id,\n  path,\n  rendererID,\n
wasForwarded: true,\n  value,\n  });\n  break;\n  case 'hooks':\n
this.send('overrideHookState', {\n  id,\n  path,\n  rendererID,\n  wasForwarded: true,\n
value,\n  });\n  break;\n  case 'props':\n  this.send('overrideProps', {\n  id,\n  path,\n
rendererID,\n  wasForwarded: true,\n  value,\n  });\n  break;\n  case 'state':\n
this.send('overrideState', {\n  id,\n  path,\n  rendererID,\n  wasForwarded: true,\n  value,\n
  });\n  break;\n  }\n  };\n\n\nexport type BackendBridge = Bridge<BackendEvents,
FrontendEvents>;\nexport type FrontendBridge = Bridge<FrontendEvents, BackendEvents>;\n\nexport default
Bridge;\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the
MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\n//
ATTENTION\n// When adding new symbols to this file,\n// Please consider also adding to `react-devtools-
shared/src/backend/ReactSymbols`\n\n// The Symbol used to tag the ReactElement-like types. If there is no native
Symbol\n// nor polyfill, then a plain number is used for performance.\n\nexport let REACT_ELEMENT_TYPE =
0xeac7;\nexport let REACT_PORTAL_TYPE = 0xeaca;\nexport let REACT_FRAGMENT_TYPE =
0xeacb;\nexport let REACT_STRICT_MODE_TYPE = 0xeacc;\nexport let REACT_PROFILER_TYPE =
0xead2;\nexport let REACT_PROVIDER_TYPE = 0xeacd;\nexport let REACT_CONTEXT_TYPE =
0xeace;\nexport let REACT_FORWARD_REF_TYPE = 0xeada;\nexport let REACT_SUSPENSE_TYPE =
0xeade;\nexport let REACT_SUSPENSE_LIST_TYPE = 0xeaf8;\nexport let REACT_MEMO_TYPE =
0xeaf3;\nexport let REACT_LAZY_TYPE = 0xeaf4;\nexport let REACT_SCOPE_TYPE = 0xeaf7;\nexport let
REACT_DEBUG_TRACING_MODE_TYPE = 0xaf1;\nexport let REACT_OFFSCREEN_TYPE =
0xae2;\nexport let REACT_LEGACY_HIDDEN_TYPE = 0xae3;\nexport let REACT_CACHE_TYPE =
0xae4;\n\nif (typeof Symbol === 'function' && Symbol.for) {\n  const symbolFor = Symbol.for;\n
REACT_ELEMENT_TYPE = symbolFor('react.element');\n  REACT_PORTAL_TYPE =
symbolFor('react.portal');\n  REACT_FRAGMENT_TYPE = symbolFor('react.fragment');\n
REACT_STRICT_MODE_TYPE = symbolFor('react.strict_mode');\n  REACT_PROFILER_TYPE =
symbolFor('react.profiler');\n  REACT_PROVIDER_TYPE = symbolFor('react.provider');\n
REACT_CONTEXT_TYPE = symbolFor('react.context');\n  REACT_FORWARD_REF_TYPE =
symbolFor('react.forward_ref');\n  REACT_SUSPENSE_TYPE = symbolFor('react.suspense');\n
REACT_SUSPENSE_LIST_TYPE = symbolFor('react.suspense_list');\n  REACT_MEMO_TYPE =

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symbolFor('react.memo');\n REACT_LAZY_TYPE = symbolFor('react.lazy');\n REACT_SCOPE_TYPE =
symbolFor('react.scope');\n REACT_DEBUG_TRACING_MODE_TYPE =
symbolFor('react.debug_trace_mode');\n REACT_OFFSCREEN_TYPE = symbolFor('react.offscreen');\n
REACT_LEGACY_HIDDEN_TYPE = symbolFor('react.legacy_hidden');\n REACT_CACHE_TYPE =
symbolFor('react.cache');\n\n\nconst MAYBE_ITERATOR_SYMBOL = typeof Symbol === 'function' &&
Symbol.iterator;\nconst FAUX_ITERATOR_SYMBOL = '@@iterator';\n\nexport function
getIteratorFn(maybeIterable: ?any): ?() => ?Iterator<*> {\n if (maybeIterable === null || typeof maybeIterable !==
'object') {\n return null;\n }\n const maybeIterator =\n (MAYBE_ITERATOR_SYMBOL &&
maybeIterable[MAYBE_ITERATOR_SYMBOL]) ||\n maybeIterable[FAUX_ITERATOR_SYMBOL];\n if
(typeof maybeIterator === 'function') {\n return maybeIterator;\n }\n return null;\n }\n\n"/**\n * Copyright (c)
Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n *
LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nexport function
localStorageGetItem(key: string): any {\n try {\n return localStorage.getItem(key);\n } catch (error) {\n return
null;\n }\n}\n\nexport function localStorageRemoveItem(key: string): void {\n try {\n
localStorage.removeItem(key);\n } catch (error) {} }\n\nexport function localStorageSetItem(key: string, value:
any): void {\n try {\n return localStorage.setItem(key, value);\n } catch (error) {} }\n\nexport function
sessionStorageGetItem(key: string): any {\n try {\n return sessionStorage.getItem(key);\n } catch (error) {\n
return null;\n }\n}\n\nexport function sessionStorageRemoveItem(key: string): void {\n try {\n
sessionStorage.removeItem(key);\n } catch (error) {} }\n\nexport function sessionStorageSetItem(key: string,
value: any): void {\n try {\n return sessionStorage.setItem(key, value);\n } catch (error) {} }\n\n"/**\n *
Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in
the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport {\n getDataTypes,\n
getDisplayNamesForReactElement,\n getAllEnumerableKeys,\n getInObject,\n formatDataForPreview,\n
setInObject,\n } from './utils';\n\nimport type {DehydratedData} from 'react-devtools-
shared/src/devtools/views/Components/types';\n\nexport const meta = {\n inspectable: Symbol('inspectable'),\n
inspected: Symbol('inspected'),\n name: Symbol('name'),\n preview_long: Symbol('preview_long'),\n
preview_short: Symbol('preview_short'),\n readonly: Symbol('readonly'),\n size: Symbol('size'),\n type:
Symbol('type'),\n unserializable: Symbol('unserializable'),\n};\n\nexport type Dehydrated = {\n inspectable:
boolean,\n name: string | null,\n preview_long: string | null,\n preview_short: string | null,\n readonly?: boolean,\n
size?: number,\n type: string,\n};\n\n// Typed arrays and other complex iterable objects (e.g. Map, Set,
ImmutableJS) need special handling.\n// These objects can't be serialized without losing type information,\n// so a
'Unserializable' type wrapper is used (with meta-data keys) to send nested values-\n// while preserving the original
type and name.\n\nexport type Unserializable = {\n name: string | null,\n preview_long: string | null,\n
preview_short: string | null,\n readonly?: boolean,\n size?: number,\n type: string,\n unserializable: boolean,\n
...}\n};\n\n// This threshold determines the depth at which the bridge \"dehydrates\" nested data.\n// Dehydration
means that we don't serialize the data for e.g. postMessage or stringify,\n// unless the frontend explicitly requests it
(e.g. a user clicks to expand a props object).\n\n// Reducing this threshold will improve the speed of initial
component inspection,\n// but may decrease the responsiveness of expanding objects/arrays to inspect
further.\n\nconst LEVEL_THRESHOLD = 2;\n\n"/**\n * Generate the dehydrated metadata for complex object
instances\n */\n\nfunction createDehydrated(\n type: string,\n inspectable: boolean,\n data: Object,\n cleaned:
Array<Array<string | number>>,\n path: Array<string | number>,\n): Dehydrated {\n cleaned.push(path);\n\n
const dehydrated: Dehydrated = {\n inspectable,\n type,\n preview_long: formatDataForPreview(data, true),\n
preview_short: formatDataForPreview(data, false),\n name:\n !data.constructor || data.constructor.name ===
'Object'\n ? \"\n : data.constructor.name,\n};\n\n if (type === 'array' || type === 'typed_array') {\n
dehydrated.size = data.length;\n } else if (type === 'object') {\n dehydrated.size = Object.keys(data).length;\n
}\n\n if (type === 'iterator' || type === 'typed_array') {\n dehydrated.readonly = true;\n }\n\n return
dehydrated;\n}\n\n"/**\n * Strip out complex data (instances, functions, and data nested > LEVEL_THRESHOLD
levels deep).\n * The paths of the stripped out objects are appended to the `cleaned` list.\n * On the other side of the

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barrier, the cleaned list is used to "re-hydrate" the cleaned representation into
* an object with symbols as
attributes, so that a sanitized object can be distinguished from a normal object.
* Input: {"some": {"attr":
fn(), "other": AnInstance}}
* Output: {"some": {"attr": {"name": the fn.name, type:
"function"}}}, {"other": {"name": "AnInstance", "type": "object"}}}
and cleaned = [{"some", "attr"}, {"other"}]
* \nextport function dehydrate(\n data: Object, \n cleaned:
Array<Array<string | number>>,\n unserializable: Array<Array<string | number>>,\n path: Array<string |
number>,\n isPathAllowed: (path: Array<string | number>) => boolean,\n level?: number = 0,\n) | string |
Dehydrated | Unserializable | Array<Dehydrated> | Array<Unserializable> | {[key: string]: string |
Dehydrated | Unserializable, ...}
\n const type = getDataType(data);\n let isPathAllowedCheck;\n switch
(type) {\n case 'html_element':\n cleaned.push(path);\n return {\n inspectable: false,\n
preview_short: formatDataForPreview(data, false),\n preview_long: formatDataForPreview(data, true),\n
name: data.tagName,\n type,\n };\n case 'function':\n cleaned.push(path);\n return {\n
inspectable: false,\n preview_short: formatDataForPreview(data, false),\n preview_long:
formatDataForPreview(data, true),\n name:\n typeof data.name === 'function' || !data.name ?
'function'\n : data.name,\n type,\n };\n case 'string':\n isPathAllowedCheck =
isPathAllowed(path);\n if (isPathAllowedCheck) {\n return data;\n } else {\n return data.length <=
500 ? data : data.slice(0, 500) + '...';\n }\n case 'bigint':\n cleaned.push(path);\n return {\n
inspectable: false,\n preview_short: formatDataForPreview(data, false),\n preview_long:
formatDataForPreview(data, true),\n name: data.toString(),\n type,\n };\n case 'symbol':\n
cleaned.push(path);\n return {\n inspectable: false,\n preview_short: formatDataForPreview(data,
false),\n preview_long: formatDataForPreview(data, true),\n name: data.toString(),\n type,\n };\n
// React Elements aren't very inspector-friendly,\n // and often contain private fields or circular references.\n case
'react_element':\n cleaned.push(path);\n return {\n inspectable: false,\n preview_short:
formatDataForPreview(data, false),\n preview_long: formatDataForPreview(data, true),\n name:
getDisplaynameForReactElement(data) || 'Unknown',\n type,\n };\n // ArrayBuffers error if you try to
inspect them.\n case 'array_buffer':\n case 'data_view':\n cleaned.push(path);\n return {\n inspectable:
false,\n preview_short: formatDataForPreview(data, false),\n preview_long: formatDataForPreview(data,
true),\n name: type === 'data_view' ? 'DataView' : 'ArrayBuffer',\n size: data.byteLength,\n type,\n
};\n case 'array':\n isPathAllowedCheck = isPathAllowed(path);\n if (level >= LEVEL_THRESHOLD &&
!isPathAllowedCheck) {\n return createDehydrated(type, true, data, cleaned, path);\n }\n return
data.map((item, i) =>{\n dehydrate(\n item,\n cleaned,\n unserializable,\n
path.concat([i]),\n isPathAllowed,\n isPathAllowedCheck ? 1 : level + 1,\n ),\n });\n case
'html_all_collection':\n case 'typed_array':\n case 'iterator':\n isPathAllowedCheck = isPathAllowed(path);\n
if (level >= LEVEL_THRESHOLD && !isPathAllowedCheck) {\n return createDehydrated(type, true, data,
cleaned, path);\n } else {\n const unserializableValue: Unserializable = {\n unserializable: true,\n
type: type,\n readonly: true,\n size: type === 'typed_array' ? data.length : undefined,\n
preview_short: formatDataForPreview(data, false),\n preview_long: formatDataForPreview(data, true),\n
name:\n !data.constructor || data.constructor.name === 'Object'\n ? "\n :
data.constructor.name,\n };\n // TRICKY\n // Don't use [...spread] syntax for this purpose.\n //
This project uses @babel/plugin-transform-spread in "loose" mode which only works with Array values.\n //
Other types (e.g. typed arrays, Sets) will not spread correctly.\n Array.from(data).forEach(\n (item, i) =>{\n
(unserializableValue[i] = dehydrate(\n item,\n cleaned,\n unserializable,\n
path.concat([i]),\n isPathAllowed,\n isPathAllowedCheck ? 1 : level + 1,\n )),\n );\n
unserializable.push(path);\n return unserializableValue;\n }\n case 'opaque_iterator':\n
cleaned.push(path);\n return {\n inspectable: false,\n preview_short: formatDataForPreview(data,
false),\n preview_long: formatDataForPreview(data, true),\n name: data[Symbol.toStringTag],\n
type,\n };\n case 'date':\n cleaned.push(path);\n return {\n inspectable: false,\n preview_short:
formatDataForPreview(data, false),\n preview_long: formatDataForPreview(data, true),\n name:

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data.toString(),\n    type,\n    });\n\n    case 'regexp':\n        cleaned.push(path);\n        return {\n            inspectable:\n            false,\n            preview_short: formatDataForPreview(data, false),\n            preview_long: formatDataForPreview(data,\n            true),\n            name: data.toString(),\n            type,\n            });\n\n    case 'object':\n        isPathAllowedCheck =\n        isPathAllowed(path);\n        if (level >= LEVEL_THRESHOLD && !isPathAllowedCheck) {\n            return\n            createDehydrated(type, true, data, cleaned, path);\n        } else {\n            const object = {};\n            getAllEnumerableKeys(data).forEach(key => {\n                const name = key.toString();\n                object[name] =\n                dehydrate(\n                    data[key],\n                    cleaned,\n                    unserializable,\n                    path.concat([name]),\n                    isPathAllowed,\n                    isPathAllowedCheck ? 1 : level + 1,\n                    );\n            });\n            return object;\n        }\n\n    case 'infinity':\n    case 'nan':\n    case 'undefined':\n        // Some values are lossy when sent through a WebSocket.\n        // We dehydrate+rehydrate them to preserve their type.\n        cleaned.push(path);\n        return {\n            type,\n            });\n\n    default:\n        return data;\n    }\n}\n\nexport function fillInPath(\n    object: Object,\n    data: DehydratedData,\n    path: Array<string | number>,\n    value: any,\n) {\n    const target = getInObject(object, path);\n    if (target != null) {\n        if (!target[meta.unserializable]) {\n            delete target[meta.inspectable];\n            delete target[meta.inspected];\n            delete target[meta.name];\n            delete target[meta.preview_long];\n            delete target[meta.preview_short];\n            delete\n            target[meta.readonly];\n            delete target[meta.size];\n            delete target[meta.type];\n        }\n    }\n\n    if (value !== null\n    && data.unserializable.length > 0) {\n        const unserializablePath = data.unserializable[0];\n        let isMatch =\n        unserializablePath.length === path.length;\n        for (let i = 0; i < path.length; i++) {\n            if (path[i] !==\n            unserializablePath[i]) {\n                isMatch = false;\n                break;\n            }\n        }\n        if (isMatch) {\n            upgradeUnserializable(value, value);\n        }\n    }\n\n    setInObject(object, path, value);\n}\n\nexport function\nhydrate(\n    object: any,\n    cleaned: Array<Array<string | number>>,\n    unserializable: Array<Array<string |\n    number>>,\n): Object {\n    cleaned.forEach((path: Array<string | number>) => {\n        const length = path.length;\n        const last = path[length - 1];\n        const parent = getInObject(object, path.slice(0, length - 1));\n        if (!parent ||\n        !parent.hasOwnProperty(last)) {\n            return;\n        }\n\n        const value = parent[last];\n\n        if (!value) {\n            return;\n        } else if (value.type === 'infinity') {\n            parent[last] = Infinity;\n        } else if (value.type === 'nan') {\n            parent[last] = NaN;\n        } else if (value.type === 'undefined') {\n            parent[last] = undefined;\n        } else {\n            //\n            Replace the string keys with Symbols so they're non-enumerable.\n            const replaced: {[key: Symbol]: boolean | string, ...} = {};\n            replaced[meta.inspectable] = !!value.inspectable;\n            replaced[meta.inspected] = false;\n            replaced[meta.name] = value.name;\n            replaced[meta.preview_long] = value.preview_long;\n            replaced[meta.preview_short] = value.preview_short;\n            replaced[meta.size] = value.size;\n            replaced[meta.readonly] = !!value.readonly;\n            replaced[meta.type] = value.type;\n\n            parent[last] = replaced;\n        }\n    });\n\n    unserializable.forEach((path: Array<string | number>) => {\n        const length = path.length;\n        const last = path[length - 1];\n        const parent = getInObject(object, path.slice(0, length - 1));\n        if (!parent ||\n        !parent.hasOwnProperty(last)) {\n            return;\n        }\n\n        const node = parent[last];\n\n        const replacement = {\n            ...node,\n        };\n\n        upgradeUnserializable(replacement, node);\n\n        parent[last] = replacement;\n    });\n\n    return\n    object;\n}\n\nfunction upgradeUnserializable(destination: Object, source: Object) {\n    Object.defineProperties(destination, {\n        [meta.inspected]: {\n            configurable: true,\n            enumerable: false,\n            value: !!source.inspected,\n        },\n        [meta.name]: {\n            configurable: true,\n            enumerable: false,\n            value:\n            source.name,\n        },\n        [meta.preview_long]: {\n            configurable: true,\n            enumerable: false,\n            value:\n            source.preview_long,\n        },\n        [meta.preview_short]: {\n            configurable: true,\n            enumerable: false,\n            value:\n            source.preview_short,\n        },\n        [meta.size]: {\n            configurable: true,\n            enumerable: false,\n            value:\n            source.size,\n        },\n        [meta.readonly]: {\n            configurable: true,\n            enumerable: false,\n            value:\n            !!source.readonly,\n        },\n        [meta.type]: {\n            configurable: true,\n            enumerable: false,\n            value:\n            source.type,\n        },\n        [meta.unserializable]: {\n            configurable: true,\n            enumerable: false,\n            value:\n            !!source.unserializable,\n        },\n    });\n\n    delete destination.inspected;\n    delete destination.name;\n    delete\n    destination.preview_long;\n    delete destination.preview_short;\n    delete destination.size;\n    delete\n    destination.readonly;\n    delete destination.type;\n    delete destination.unserializable;\n}\n\nconst isArray =

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Array.isArray;\n\nexport default isArray;\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This
source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source
tree.\n *\n * @flow\n */\n\nimport LRU from 'lru-cache';\nimport {\n  isElement,\n  typeOf,\n  ContextConsumer,\n  ContextProvider,\n  ForwardRef,\n  Fragment,\n  Lazy,\n  Memo,\n  Portal,\n  Profiler,\n  StrictMode,\n  Suspense,\n} from 'react-is';\nimport {REACT_SUSPENSE_LIST_TYPE as SuspenseList} from
'shared/ReactSymbols';\nimport {\n  TREE_OPERATION_ADD,\n  TREE_OPERATION_REMOVE,\n  TREE_OPERATION_REMOVE_ROOT,\n  TREE_OPERATION_REORDER_CHILDREN,\n  TREE_OPERATION_SET_SUBTREE_MODE,\n  TREE_OPERATION_UPDATE_ERRORS_OR_WARNINGS,\n  TREE_OPERATION_UPDATE_TREE_BASE_DURATION,\n} from './constants';\nimport {ElementTypeRoot}
from 'react-devtools-shared/src/types';\nimport {\n  LOCAL_STORAGE_FILTER_PREFERENCES_KEY,\n  LOCAL_STORAGE_OPEN_IN_EDITOR_URL,\n  LOCAL_STORAGE_SHOULD_BREAK_ON_CONSOLE_ERRORS,\n  LOCAL_STORAGE_SHOULD_PATCH_CONSOLE_KEY,\n  LOCAL_STORAGE_SHOW_INLINE_WARNINGS_AND_ERRORS_KEY,\n  LOCAL_STORAGE_HIDE_CONSOLE_LOGS_IN_STRICT_MODE,\n} from './constants';\nimport
{ComponentFilterElementType, ElementTypeHostComponent} from './types';\nimport {\n  ElementTypeClass,\n  ElementTypeForwardRef,\n  ElementTypeFunction,\n  ElementTypeMemo,\n} from 'react-devtools-
shared/src/types';\nimport {localStorage.getItem, localStorage.setItem} from './storage';\nimport {meta} from
'/hydration';\nimport isArray from './isArray';\n\nimport type {ComponentFilter, ElementType} from
'/types';\nimport type {LRUCache} from 'react-devtools-shared/src/types';\n\nconst cachedDisplayNames:
WeakMap<Function, string> = new WeakMap();\n\n// On large trees, encoding takes significant time.\n// Try to
reuse the already encoded strings.\n\nconst encodedStringCache: LRUCache<string, Array<number>> = new
LRU({\n  max: 1000,\n});\n\nexport function alphaSortKeys(\n  a: string | number | Symbol,\n  b: string | number |
Symbol,\n): number {\n  if (a.toString() > b.toString()) {\n    return 1;\n  } else if (b.toString() > a.toString()) {\n
return -1;\n  } else {\n    return 0;\n  }\n}\n\nexport function getAllEnumerableKeys(\n  obj: Object,\n): Set<string |
number | Symbol> {\n  const keys = new Set();\n  let current = obj;\n  while (current != null) {\n    const currentKeys
= [\n    ...Object.keys(current),\n    ...Object.getOwnPropertySymbols(current),\n  ];\n  const descriptors =
Object.getOwnPropertyDescriptors(current);\n  currentKeys.forEach(key => {\n    // $FlowFixMe: key can be a
Symbol https://developer.mozilla.org/en-
US/docs/Web/JavaScript/Reference/Global_Objects/Object/getOwnPropertyDescriptor\n    if
(descriptors[key].enumerable) {\n      keys.add(key);\n    }\n  });\n  current = Object.getPrototypeOf(current);\n}
\n  return keys;\n}\n\nexport function getDisplayName(\n  type: Function,\n  fallbackName: string =
'Anonymous',\n): string {\n  const nameFromCache = cachedDisplayNames.get(type);\n  if (nameFromCache !=
null) {\n    return nameFromCache;\n  }\n  let displayName = fallbackName;\n  // The displayName property is
not guaranteed to be a string.\n  // It's only safe to use for our purposes if it's a string.\n  //
github.com/facebook/react-devtools/issues/803\n  if (typeof type.displayName === 'string') {\n    displayName =
type.displayName;\n  } else if (typeof type.name === 'string' && type.name !== '') {\n    displayName =
type.name;\n  }\n  cachedDisplayNames.set(type, displayName);\n  return displayName;\n}\n\nlet uidCounter:
number = 0;\n\nexport function getUID(): number {\n  return ++uidCounter;\n}\n\nexport function
utfDecodeString(array: Array<number>): string {\n  // Avoid spreading the array (e.g.
String.fromCharCode(...array))\n  // Functions arguments are first placed on the stack before the function is called\n
// which throws a RangeError for large arrays.\n  // See github.com/facebook/react/issues/22293\n  let string = '';\n
for (let i = 0; i < array.length; i++) {\n    const char = array[i];\n    string += String.fromCharCode(char);\n  }\n
return string;\n}\n\nfunction surrogatePairToCodePoint(\n  charCode1: number,\n  charCode2: number,\n): number
{\n  return ((charCode1 & 0x3ff) << 10) + (charCode2 & 0x3ff) + 0x10000;\n}\n\n// Credit for this encoding
approach goes to Tim Down:\n// https://stackoverflow.com/questions/4877326/how-can-i-tell-if-a-string-contains-
multibyte-characters-in-javascript\n\nexport function utfEncodeString(string: string): Array<number> {\n  const

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cached = encodedStringCache.get(string);\n if (cached !== undefined) {\n   return cached;\n }\n\n const encoded = [];\n let i = 0;\n let charCode;\n while (i < string.length) {\n   charCode = string.charCodeAt(i);\n   // Handle multibyte unicode characters (like emoji).\n   if ((charCode & 0xf800) === 0xd800) {\n     encoded.push(surrogatePairToCodePoint(charCode, string.charCodeAt(++i)));\n   } else {\n     encoded.push(charCode);\n   }\n   ++i;\n }\n\n encodedStringCache.set(string, encoded);\n\n return encoded;\n}\n\nexport function printOperationsArray(operations: Array<number>) {\n // The first two values are always rendererID and rootID\n const rendererID = operations[0];\n const rootID = operations[1];\n\n const logs = [\n   operations for renderer:${rendererID} and root:${rootID} ];\n\n let i = 2;\n\n // Reassemble the string table.\n const stringTable = [\n   null, // ID = 0 corresponds to the null string.\n ];\n const stringTableSize = operations[i++];\n const stringTableEnd = i + stringTableSize;\n while (i < stringTableEnd) {\n   const nextLength = operations[i++];\n   const nextString = utfDecodeString(\n     operations.slice(i, i + nextLength): any,\n   );\n   stringTable.push(nextString);\n   i += nextLength;\n }\n\n while (i < operations.length) {\n   const operation = operations[i];\n\n   switch (operation) {\n     case TREE_OPERATION_ADD: {\n       const id = ((operations[i + 1]: any): number);\n       const type = ((operations[i + 2]: any): ElementType);\n\n       i += 3;\n\n       if (type === ElementTypeRoot) {\n         logs.push(`Add new root node ${id}`);\n         i++; // isStrictModeCompliant\n         i++; // supportsProfiling\n         i++; // supportsStrictMode\n         i++; // hasOwnerMetadata\n       } else {\n         const parentID = ((operations[i]: any): number);\n         i++;\n         i++; // ownerID\n\n         const displayNameStringID = operations[i];\n         const displayName = stringTable[displayNameStringID];\n         i++;\n         i++; // key\n\n         logs.push(\n           `Add node ${id} (${displayName || 'null'}) as child of ${parentID}`,\n           );\n         break;\n       }\n       case TREE_OPERATION_REMOVE: {\n         const removeLength = ((operations[i + 1]: any): number);\n         i += 2;\n\n         for (let removeIndex = 0; removeIndex < removeLength; removeIndex++) {\n           const id = ((operations[i]: any): number);\n           i += 1;\n\n           logs.push(`Remove node ${id}`);\n           break;\n         }\n         case TREE_OPERATION_REMOVE_ROOT: {\n           i += 1;\n           logs.push(`Remove root ${rootID}`);\n           break;\n         }\n         case TREE_OPERATION_SET_SUBTREE_MODE: {\n           const id = operations[i + 1];\n           const mode = operations[i + 1];\n           i += 3;\n           logs.push(`Mode ${mode} set for subtree with root ${id}`);\n           break;\n         }\n         case TREE_OPERATION_REORDER_CHILDREN: {\n           const id = ((operations[i + 1]: any): number);\n           const numChildren = ((operations[i + 2]: any): number);\n           i += 3;\n           const children = operations.slice(i, i + numChildren);\n           i += numChildren;\n\n           logs.push(`Re-order node ${id} children ${children.join(',')}`);\n           break;\n         }\n         case TREE_OPERATION_UPDATE_TREE_BASE_DURATION: {\n           // Base duration updates are only sent while profiling is in progress.\n           // We can ignore them at this point.\n           // The profiler UI uses them lazily in order to generate the tree.\n           i += 3;\n           break;\n         }\n         case TREE_OPERATION_UPDATE_ERRORS_OR_WARNINGS: {\n           const id = operations[i + 1];\n           const numErrors = operations[i + 2];\n           const numWarnings = operations[i + 3];\n           i += 4;\n\n           logs.push(\n             `Node ${id} has ${numErrors} errors and ${numWarnings} warnings`,\n             );\n           break;\n         }\n         default: {\n           throw Error(`Unsupported Bridge operation "${operation}"`);\n         }\n       }\n     }\n\n   }\n\n   console.log(logs.join("\n"));
}

export function getDefaultComponentFilters(): Array<ComponentFilter> {\n return [\n   {\n     type: ComponentFilterElementType,\n     value: ElementTypeHostComponent,\n     isEnabled: true,\n   },\n ];
}

export function getSavedComponentFilters(): Array<ComponentFilter> {\n try {\n   const raw = localStorage.getItem(LOCAL_STORAGE_FILTER_PREFERENCES_KEY);\n   if (raw !== null) {\n     return JSON.parse(raw);\n   }\n } catch (error) {\n return getDefaultComponentFilters();\n }\n}

export function saveComponentFilters(\n componentFilters: Array<ComponentFilter>,\n): void {\n localStorage.setItem(\n LOCAL_STORAGE_FILTER_PREFERENCES_KEY,\n JSON.stringify(componentFilters),\n );
}

export function getAppendComponentStack(): boolean {\n try {\n   const raw = localStorage.getItem(LOCAL_STORAGE_SHOULD_PATCH_CONSOLE_KEY);\n   if (raw !== null) {\n     return JSON.parse(raw);\n   }\n } catch (error) {\n return true;\n }\n}

export function setAppendComponentStack(value: boolean): void {\n localStorage.setItem(\n

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LOCAL_STORAGE_SHOULD_PATCH_CONSOLE_KEY,\n  JSON.stringify(value),\n );\n\n\nexport function
getBreakOnConsoleErrors(): boolean {\n  try {\n    const raw = localStorage.getItem(\n
LOCAL_STORAGE_SHOULD_BREAK_ON_CONSOLE_ERRORS,\n  );\n  if (raw != null) {\n    return
JSON.parse(raw);\n  }\n } catch (error) {\n  return false;\n}\n\n\nexport function setBreakOnConsoleErrors(value:
boolean): void {\n  localStorage.setItem(\n
LOCAL_STORAGE_SHOULD_BREAK_ON_CONSOLE_ERRORS,\n  JSON.stringify(value),\n );\n}\n\n\nexport
function getHideConsoleLogsInStrictMode(): boolean {\n  try {\n    const raw = localStorage.getItem(\n
LOCAL_STORAGE_HIDE_CONSOLE_LOGS_IN_STRICT_MODE,\n  );\n  if (raw != null) {\n    return
JSON.parse(raw);\n  }\n } catch (error) {\n  return false;\n}\n\n\nexport function
sethideConsoleLogsInStrictMode(value: boolean): void {\n  localStorage.setItem(\n
LOCAL_STORAGE_HIDE_CONSOLE_LOGS_IN_STRICT_MODE,\n  JSON.stringify(value),\n
);\n}\n\n\nexport function getShowInlineWarningsAndErrors(): boolean {\n  try {\n    const raw =
localStorage.getItem(\n  LOCAL_STORAGE_SHOW_INLINE_WARNINGS_AND_ERRORS_KEY,\n );\n  if (raw != null) {\n    return JSON.parse(raw);\n  }\n } catch (error) {\n  return true;\n}\n\n\nexport function
setShowInlineWarningsAndErrors(value: boolean): void {\n  localStorage.setItem(\n
LOCAL_STORAGE_SHOW_INLINE_WARNINGS_AND_ERRORS_KEY,\n  JSON.stringify(value),\n
);\n}\n\n\nexport function getDefaultOpenInEditorURL(): string {\n  return typeof process.env.EDITOR_URL ===
'string'\n  ? process.env.EDITOR_URL\n  : '';\n}\n\n\nexport function getOpenInEditorURL(): string {\n  try {\n
const raw = localStorage.getItem(LOCAL_STORAGE_OPEN_IN_EDITOR_URL);\n  if (raw != null) {\n
return JSON.parse(raw);\n  }\n } catch (error) {\n  return getDefaultOpenInEditorURL();\n}\n\n\nexport function
separateDisplayNameAndHOCs(\n  displayName: string | null,\n  type: ElementType,\n): [string | null,
Array<string> | null] {\n  if (displayName === null) {\n    return [null, null];\n  }\n  let hocDisplayNames =
null;\n  switch (type) {\n    case ElementTypeClass:\n    case ElementTypeForwardRef:\n    case
ElementTypeFunction:\n    case ElementTypeMemo:\n      if (displayName.indexOf('(') >= 0) {\n        const matches
= displayName.match(/(?:\^|)/g);\n        if (matches != null) {\n          displayName = matches.pop();\n
hocDisplayNames = matches;\n        }\n      }\n      break;\n    default:\n      break;\n  }\n  if (type ===
ElementTypeMemo) {\n    if (hocDisplayNames === null) {\n      hocDisplayNames = ['Memo'];\n    } else {\n
hocDisplayNames.unshift('Memo');\n    }\n  } else if (type === ElementTypeForwardRef) {\n    if
(hocDisplayNames === null) {\n      hocDisplayNames = ['ForwardRef'];\n    } else {\n
hocDisplayNames.unshift('ForwardRef');\n    }\n  }\n  return [displayName, hocDisplayNames];\n}\n\n\n// Pulled
from react-compat\n// https://github.com/developit/preact-
compat/blob/7c5de00e7c85e2ffd011bf3af02899b63f699d3a/src/index.js#L349\nexport function
shallowDiffers(prev: Object, next: Object): boolean {\n  for (const attribute in prev) {\n    if (!(attribute in next)) {\n
return true;\n    }\n  }\n  for (const attribute in next) {\n    if (prev[attribute] !== next[attribute]) {\n
return true;\n    }\n  }\n  return false;\n}\n\n\nexport function getInObject(object: Object, path: Array<string | number>): any
{\n  return path.reduce((reduced: Object, attr: any): any => {\n    if (reduced) {\n      if
(hasOwnProperty.call(reduced, attr)) {\n        return reduced[attr];\n      }\n      if (typeof reduced[Symbol.iterator]
=== 'function') {\n        // Convert iterable to array and return array[index]\n        // TRICKY\n        // Don't
use [...spread] syntax for this purpose.\n        // This project uses @babel/plugin-transform-spread in "loose" mode
which only works with Array values.\n        // Other types (e.g. typed arrays, Sets) will not spread correctly.\n
return Array.from(reduced)[attr];\n      }\n    }\n  }, object);\n}\n\n\nexport function
deletePathInObject(\n  object: Object,\n  path: Array<string | number>,\n) {\n  const length = path.length;\n  const
last = path[length - 1];\n  if (object != null) {\n    const parent = getInObject(object, path.slice(0, length - 1));\n    if
(parent) {\n      if (isArray(parent)) {\n        parent.splice(((last: any): number), 1);\n      } else {\n        delete
parent[last];\n      }\n    }\n  }\n}\n\n\nexport function renamePathInObject(\n  object: Object,\n  oldPath: Array<string
| number>,\n  newPath: Array<string | number>,\n) {\n  const length = oldPath.length;\n  if (object != null) {\n
const parent = getInObject(object, oldPath.slice(0, length - 1));\n  if (parent) {\n    const lastOld = oldPath[length -
1];\n    const lastNew = newPath[length - 1];\n    parent[lastNew] = parent[lastOld];\n  }\n}\n\n\n

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    parent.splice(((lastOld: any): number), 1);\n    } else {\n      delete parent[lastOld];\n    }\n  }\n}\n\nexport
function setInObject(\n  object: Object,\n  path: Array<string | number>,\n  value: any,\n) {\n  const length =
path.length;\n  const last = path[length - 1];\n  if (object !== null) {\n    const parent = getInObject(object,
path.slice(0, length - 1));\n    if (parent) {\n      parent[last] = value;\n    }\n  }\n}\n\nexport type DataType =\n | 'array'\n | 'array_buffer'\n | 'bigint'\n | 'boolean'\n | 'data_view'\n | 'date'\n | 'function'\n | 'html_all_collection'\n |
'html_element'\n | 'infinity'\n | 'iterator'\n | 'opaque_iterator'\n | 'nan'\n | 'null'\n | 'number'\n | 'object'\n |
'react_element'\n | 'regexp'\n | 'string'\n | 'symbol'\n | 'typed_array'\n | 'undefined'\n | 'unknown';\n\n/**\n * Get a
enhanced/artificial type string based on the object instance\n */\nexport function getDataType(data: Object):
DataType {\n  if (data === null) {\n    return 'null';\n  } else if (data === undefined) {\n    return 'undefined';\n  }\n\n  if (isElement(data)) {\n    return 'react_element';\n  }\n\n  if (typeof HTMLInputElement !== 'undefined' && data
instanceof HTMLInputElement) {\n    return 'html_element';\n  }\n\n  const type = typeof data;\n  switch (type) {\n    case
'bigint':\n      return 'bigint';\n    case 'boolean':\n      return 'boolean';\n    case 'function':\n      return 'function';\n    case 'number':\n      if (Number.isNaN(data)) {\n        return 'nan';\n      } else if (!Number.isFinite(data)) {\n
return 'infinity';\n      } else {\n        return 'number';\n      }\n    case 'object':\n      if (isArray(data)) {\n        return
'array';\n      } else if (ArrayBuffer.isView(data)) {\n        return hasOwnProperty.call(data.constructor,
'BYTES_PER_ELEMENT')\n          ? 'typed_array'\n          : 'data_view';\n      } else if (data.constructor &&
data.constructor.name === 'ArrayBuffer') {\n        // HACK This ArrayBuffer check is gross; is there a better way?\n
// We could try to create a new DataView with the value.\n        // If it doesn't error, we know it's an
ArrayBuffer,\n        // but this seems kind of awkward and expensive.\n        return 'array_buffer';\n      } else if
(typeof data[Symbol.iterator] === 'function') {\n        const iterator = data[Symbol.iterator]();\n        if (!iterator) {\n
// Proxies might break assumptoins about iterators.\n        // See github.com/facebook/react/issues/21654\n
        } else {\n          return iterator === data ? 'opaque_iterator' : 'iterator';\n        }\n      } else if (data.constructor &&
data.constructor.name === 'RegExp') {\n        return 'regexp';\n      } else {\n        const toStringValue =
Object.prototype.toString.call(data);\n        if (toStringValue === '[object Date]') {\n          return 'date';\n        } else
if (toStringValue === '[object HTMLAllCollection]') {\n          return 'html_all_collection';\n        }\n      }\n    return 'object';\n    case 'string':\n      return 'string';\n    case 'symbol':\n      return 'symbol';\n    case 'undefined':\n
if (\n      Object.prototype.toString.call(data) === '[object HTMLAllCollection]'\n    ) {\n      return
'html_all_collection';\n    }\n    return 'undefined';\n    default:\n      return 'unknown';\n  }\n}\n\nexport function
getDisplayNamForReactElement(\n  element: React$Element<any>,\n): string | null {\n  const elementType =
typeof(element);\n  switch (elementType) {\n    case ContextConsumer:\n      return 'ContextConsumer';\n    case
ContextProvider:\n      return 'ContextProvider';\n    case ForwardRef:\n      return 'ForwardRef';\n    case
Fragment:\n      return 'Fragment';\n    case Lazy:\n      return 'Lazy';\n    case Memo:\n      return 'Memo';\n    case
Portal:\n      return 'Portal';\n    case Profiler:\n      return 'Profiler';\n    case StrictMode:\n      return 'StrictMode';\n    case
Suspense:\n      return 'Suspense';\n    case SuspenseList:\n      return 'SuspenseList';\n    default:\n      const
{type} = element;\n      if (typeof type === 'string') {\n        return type;\n      } else if (typeof type === 'function') {\n
return getDisplayName(type, 'Anonymous');\n      } else if (type !== null) {\n        return
'NotImplementedInDevtools';\n      } else {\n        return 'Element';\n      }\n    }\n}\n\nconst
MAX_PREVIEW_STRING_LENGTH = 50;\n\nfunction truncateForDisplay(\n  string: string,\n  length: number =
MAX_PREVIEW_STRING_LENGTH,\n) {\n  if (string.length > length) {\n    return string.substr(0, length) +
'...';\n  } else {\n    return string;\n  }\n}\n\n// Attempts to mimic Chrome's inline preview for values.\n// For
example, the following value...\n// {\n//   foo: 123,\n//   bar: \"abc\",\n//   baz: [true, false],\n//   qux: { ab: 1,
cd: 2 }\n// };\n//\n// Would show a preview of...\n// {foo: 123, bar: \"abc\", baz: Array(2), qux: { ...}}\n//\n// And
the following value...\n// [123, \"abc\", [true, false], {foo: 123, bar: \"abc\"}]\n//\n// Would show a preview of...
[123, \"abc\", Array(2), { ...}]\n\nexport function formatDataForPreview(\n  data:
any,\n  showFormattedValue: boolean,\n): string {\n  if (data !== null && hasOwnProperty.call(data, meta.type)) {\n
return showFormattedValue\n    ? data[meta.preview_long]\n    : data[meta.preview_short];\n  }\n\n  const type =
getDataType(data);\n\n  switch (type) {\n    case 'html_element':\n      return
`<${truncateForDisplay(data.tagName.toLowerCase())}>`; \n    case 'function':\n      return truncateForDisplay(\n

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`f ${typeof data.name === 'function' ? " : data.name}() {}`,\n  );\n  case 'string':\n    return `\"${data}\"`;\n  case 'bigint':\n    return truncateForDisplay(data.toString() + 'n');\n  case 'regexp':\n    return\n    truncateForDisplay(data.toString());\n  case 'symbol':\n    return truncateForDisplay(data.toString());\n  case\n  'react_element':\n    return `<${truncateForDisplay(\n    getDisplayNameForReactElement(data) || 'Unknown',\n  )}`;\n  case 'array_buffer':\n    return `ArrayBuffer(${data.byteLength})`;\n  case 'data_view':\n    return\n    `DataView(${data.buffer.byteLength})`;\n  case 'array':\n    if (showFormattedValue) {\n      let formatted = ";\n      for (let i = 0; i < data.length; i++) {\n        if (i > 0) {\n          formatted += ', ';\n        }\n        formatted +=\n        formatDataForPreview(data[i], false);\n        if (formatted.length > MAX_PREVIEW_STRING_LENGTH) {\n          // Prevent doing a lot of unnecessary iteration...\n          break;\n        }\n      }\n      return\n      `[${truncateForDisplay(formatted)}]`; \n    } else {\n      const length = hasOwnProperty.call(data, meta.size)\n      ? data[meta.size]\n      : data.length;\n      return `Array(${length})`;\n    }\n  case 'typed_array':\n    const\n    shortName = `${data.constructor.name}(${data.length})`;\n    if (showFormattedValue) {\n      let formatted = ";\n      for (let i = 0; i < data.length; i++) {\n        if (i > 0) {\n          formatted += ', ';\n        }\n        formatted +=\n        data[i];\n        if (formatted.length > MAX_PREVIEW_STRING_LENGTH) {\n          // Prevent doing a lot of\n          unnecessary iteration...\n          break;\n        }\n      }\n      return `${shortName}\n      [${truncateForDisplay(formatted)}]`; \n    } else {\n      return shortName;\n    }\n  case 'iterator':\n    const\n    name = data.constructor.name;\n    if (showFormattedValue) {\n      // TRICKY\n      // Don't use [...spread]\n      syntax for this purpose.\n      // This project uses @babel/plugin-transform-spread in "loose" mode which only\n      works with Array values.\n      // Other types (e.g. typed arrays, Sets) will not spread correctly.\n      const array =\n      Array.from(data);\n      let formatted = ";\n      for (let i = 0; i < array.length; i++) {\n        const entryOrEntries\n        = array[i];\n        if (i > 0) {\n          formatted += ', ';\n        }\n        // TRICKY\n        // Browsers display\n        Maps and Sets differently.\n        // To mimic their behavior, detect if we've been given an entries tuple.\n        //\n        Map(2) {"abc" => 123, "def" => 123}\n        // Set(2) {"abc", 123}\n        if (isArray(entryOrEntries)) {\n          const key = formatDataForPreview(entryOrEntries[0], true);\n          const value =\n          formatDataForPreview(entryOrEntries[1], false);\n          formatted += `${key} => ${value}`;\n        } else {\n          formatted += formatDataForPreview(entryOrEntries, false);\n        }\n        if (formatted.length >\n        MAX_PREVIEW_STRING_LENGTH) {\n          // Prevent doing a lot of unnecessary iteration...\n          break;\n        }\n      }\n      return `${name}(${data.size}) [${truncateForDisplay(formatted)}]`; \n    } else {\n      return `${name}(${data.size})`;\n    }\n  case 'opaque_iterator':\n    return data[Symbol.toStringTag];\n  case 'date':\n    return data.toString();\n  case 'object':\n    if (showFormattedValue) {\n      const keys =\n      Array.from(getAllEnumerableKeys(data)).sort(alphaSortKeys);\n      let formatted = ";\n      for (let i = 0; i <\n      keys.length; i++) {\n        const key = keys[i];\n        if (i > 0) {\n          formatted += ', ';\n        }\n        formatted += `${key.toString()}: ${formatDataForPreview(\n        data[key],\n        false,\n      )}`;\n        if\n        (formatted.length > MAX_PREVIEW_STRING_LENGTH) {\n          // Prevent doing a lot of unnecessary\n          iteration...\n          break;\n        }\n      }\n      return `[${truncateForDisplay(formatted)}]`; \n    } else {\n      return '{...}';\n    }\n  case 'boolean':\n  case 'number':\n  case 'infinity':\n  case 'nan':\n  case 'null':\n  case\n  'undefined':\n    return data;\n  default:\n    try {\n      return truncateForDisplay(String(data));\n    } catch\n    (error) {\n      return 'unserializable';\n    }\n  }\n}\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this\n * source tree.\n */\n * @flow\n */\n\nexport type Wall = {\n  // `listen` returns the `unlisten` function.\n  listen: (fn:\n  Function) => Function,\n  send: (event: string, payload: any, transferable?: Array<any>) => void,\n};\n\n//\n// WARNING\n// The values below are referenced by ComponentFilters (which are saved via localStorage).\n// Do not\n// change them or it will break previously saved user customizations.\n// If new element types are added, use new\n// numbers rather than re-ordering existing ones.\n//\n// Changing these types is also a backwards breaking change for\n// the standalone shell,\n// since the frontend and backend must share the same values-\n// and the backend is\n// embedded in certain environments (like React Native).\n\nexport const ElementTypeClass = 1;\nexport const\n  ElementTypeContext = 2;\nexport const\n  ElementTypeFunction = 5;\nexport const\n  ElementTypeForwardRef =\n  6;\nexport const\n  ElementTypeHostComponent = 7;\nexport const\n  ElementTypeMemo = 8;\nexport const

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ElementTypeOtherOrUnknown = 9;\nexport const ElementTypeProfiler = 10;\nexport const ElementTypeRoot =
11;\nexport const ElementTypeSuspense = 12;\nexport const ElementTypeSuspenseList = 13;\n\n// Different types
of elements displayed in the Elements tree.\n// These types may be used to visually distinguish types,\n// or to
enable/disable certain functionality.\nexport type ElementType = 1 | 2 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13;\n\n//
WARNING\n// The values below are referenced by ComponentFilters (which are saved via localStorage).\n// Do not
change them or it will break previously saved user customizations.\n// If new filter types are added, use new
numbers rather than re-ordering existing ones.\nexport const ComponentFilterElementType = 1;\nexport const
ComponentFilterDisplayName = 2;\nexport const ComponentFilterLocation = 3;\nexport const
ComponentFilterHOC = 4;\nexport type ComponentFilterType = 1 | 2 | 3 | 4;\n\n// Hide all elements of types in
this Set.\n// We hide host components only by default.\nexport type ElementTypeComponentFilter = {\n isEnabled:
boolean,\n type: 1,\n value: ElementType,\n};\n\n// Hide all elements with displayNames or paths matching one or
more of the RegExps in this Set.\n// Path filters are only used when elements include debug source location.\nexport
type RegExpComponentFilter = {\n isEnabled: boolean,\n isValid: boolean,\n type: 2 | 3,\n value:
string,\n};\n\nexport type BooleanComponentFilter = {\n isEnabled: boolean,\n isValid: boolean,\n type:
4,\n};\n\nexport type ComponentFilter =\n | BooleanComponentFilter\n | ElementTypeComponentFilter\n |
RegExpComponentFilter;\n\nexport type HookName = string | null;\n\n// Map of hook source ("<filename>:<line-
number>:<column-number>") to name.\n// Hook source is used instead of the hook itself because the latter is not
stable between element inspections.\n// We use a Map rather than an Array because of nested hooks and traversal
ordering.\nexport type HookSourceLocationKey = string;\nexport type HookNames =
Map<HookSourceLocationKey, HookName>;\n\nexport type LRUCache<K, V> = {\n get: (key: K) => V,\n has:
(key: K) => boolean,\n remove: (key: K) => void,\n reset: () => void,\n set: (key: K, value: V) =>
void,\n};\n\nexport type StyleXPlugin = {\n sources: Array<string>,\n resolvedStyles: Object,\n};\n\nexport type
Plugins = {\n stylex: StyleXPlugin | null,\n};\n\nexport const StrictMode = 1;\n\n", "// This is a generated file. Do not
edit.\nvar Space_Separator = /[\u0009\u0020\u00A0\u0022\u0027\u002F\u0030\u0033\u0034\u0036\u0037\u003A-\u003D\u003F\u0040\u005B-\u005E\u005F\u0060-\u006F\u0070\u0072-\u007E\u007F\u0080-\u008F\u0090-\u009F\u00A0-\u00FF\u0100-\u010F\u0110-\u011F\u0120-\u012F\u0130-\u013F\u0140-\u014F\u0150-\u015F\u0160-\u016F\u0170-\u017F\u0180-\u018F\u0190-\u019F\u01A0-\u01AF\u01B0-\u01BF\u01C0-\u01CF\u01D0-\u01DF\u01E0-\u01EF\u01F0-\u01FF\u0200-\u020F\u0210-\u021F\u0220-\u022F\u0230-\u023F\u0240-\u024F\u0250-\u025F\u0260-\u026F\u0270-\u027F\u0280-\u028F\u0290-\u029F\u02A0-\u02AF\u02B0-\u02BF\u02C0-\u02CF\u02D0-\u02DF\u02E0-\u02EF\u02F0-\u02FF\u0300-\u030F\u0310-\u031F\u0320-\u032F\u0330-\u033F\u0340-\u034F\u0350-\u035F\u0360-\u036F\u0370-\u037F\u0380-\u038F\u0390-\u039F\u03A0-\u03AF\u03B0-\u03BF\u03C0-\u03CF\u03D0-\u03DF\u03E0-\u03EF\u03F0-\u03FF\u0400-\u040F\u0410-\u041F\u0420-\u042F\u0430-\u043F\u0440-\u044F\u0450-\u045F\u0460-\u046F\u0470-\u047F\u0480-\u048F\u0490-\u049F\u04A0-\u04AF\u04B0-\u04BF\u04C0-\u04CF\u04D0-\u04DF\u04E0-\u04EF\u04F0-\u04FF\u0500-\u050F\u0510-\u051F\u0520-\u052F\u0530-\u053F\u0540-\u054F\u0550-\u055F\u0560-\u056F\u0570-\u057F\u0580-\u058F\u0590-\u059F\u05A0-\u05AF\u05B0-\u05BF\u05C0-\u05CF\u05D0-\u05DF\u05E0-\u05EF\u05F0-\u05FF\u0600-\u060F\u0610-\u061F\u0620-\u062F\u0630-\u063F\u0640-\u064F\u0650-\u065F\u0660-\u066F\u0670-\u067F\u0680-\u068F\u0690-\u069F\u06A0-\u06AF\u06B0-\u06BF\u06C0-\u06CF\u06D0-\u06DF\u06E0-\u06EF\u06F0-\u06FF\u0700-\u070F\u0710-\u071F\u0720-\u072F\u0730-\u073F\u0740-\u074F\u0750-\u075F\u0760-\u076F\u0770-\u077F\u0780-\u078F\u0790-\u079F\u07A0-\u07AF\u07B0-\u07BF\u07C0-\u07CF\u07D0-\u07DF\u07E0-\u07EF\u07F0-\u07FF\u0800-\u080F\u0810-\u081F\u0820-\u082F\u0830-\u083F\u0840-\u084F\u0850-\u085F\u0860-\u086F\u0870-\u087F\u0880-\u088F\u0890-\u089F\u08A0-\u08AF\u08B0-\u08BF\u08C0-\u08CF\u08D0-\u08DF\u08E0-\u08EF\u08F0-\u08FF\u0900-\u090F\u0910-\u091F\u0920-\u092F\u0930-\u093F\u0940-\u094F\u0950-\u095F\u0960-\u096F\u0970-\u097F\u0980-\u098F\u0990-\u099F\u09A0-\u09AF\u09B0-\u09BF\u09C0-\u09CF\u09D0-\u09DF\u09E0-\u09EF\u09F0-\u09FF\u0A00-\u0A0F\u0A10-\u0A1F\u0A20-\u0A2F\u0A30-\u0A3F\u0A40-\u0A4F\u0A50-\u0A5F\u0A60-\u0A6F\u0A70-\u0A7F\u0A80-\u0A8F\u0A90-\u0A9F\u0AA0-\u0AAF\u0AB0-\u0ABF\u0AC0-\u0ACF\u0AD0-\u0ADF\u0AE0-\u0AEF\u0AF0-\u0AFF\u0B00-\u0B0F\u0B10-\u0B1F\u0B20-\u0B2F\u0B30-\u0B3F\u0B40-\u0B4F\u0B50-\u0B5F\u0B60-\u0B6F\u0B70-\u0B7F\u0B80-\u0B8F\u0B90-\u0B9F\u0BA0-\u0BAF\u0BB0-\u0BBF\u0BC0-\u0BCF\u0BD0-\u0BDF\u0BE0-\u0BEF\u0BF0-\u0BFF\u0C00-\u0C0F\u0C10-\u0C1F\u0C20-\u0C2F\u0C30-\u0C3F\u0C40-\u0C4F\u0C50-\u0C5F\u0C60-\u0C6F\u0C70-\u0C7F\u0C80-\u0C8F\u0C90-\u0C9F\u0CA0-\u0CAF\u0CB0-\u0CBF\u0CC0-\u0CCF\u0CD0-\u0CDF\u0CE0-\u0CEF\u0CF0-\u0CFF\u0D00-\u0D0F\u0D10-\u0D1F\u0D20-\u0D2F\u0D30-\u0D3F\u0D40-\u0D4F\u0D50-\u0D5F\u0D60-\u0D6F\u0D70-\u0D7F\u0D80-\u0D8F\u0D90-\u0D9F\u0DA0-\u0DAF\u0DB0-\u0DBF\u0DC0-\u0DCF\u0DD0-\u0DDF\u0DE0-\u0DEF\u0DF0-\u0DFF\u0E00-\u0E0F\u0E10-\u0E1F\u0E20-\u0E2F\u0E30-\u0E3F\u0E40-\u0E4F\u0E50-\u0E5F\u0E60-\u0E6F\u0E70-\u0E7F\u0E80-\u0E8F\u0E90-\u0E9F\u0EA0-\u0EAF\u0EB0-\u0EBF\u0EC0-\u0ECF\u0ED0-\u0EDF\u0EE0-\u0EEF\u0EF0-\u0EFF\u0F00-\u0F0F\u0F10-\u0F1F\u0F20-\u0F2F\u0F30-\u0F3F\u0F40-\u0F4F\u0F50-\u0F5F\u0F60-\u0F6F\u0F70-\u0F7F\u0F80-\u0F8F\u0F90-\u0F9F\u0FA0-\u0FAF\u0FB0-\u0FBF\u0FC0-\u0FCF\u0FD0-\u0FDF\u0FE0-\u0FEF\u0FF0-\u0FFF];\nvar ID_Start =
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\\uDFFF]||\\uD86D[\\uDC00-\\uDF34\\uDF40-\\uDFFF]||\\uD86E[\\uDC00-\\uDC1D\\uDC20-
\\uDFFF]||\\uD873[\\uDC00-\\uDEA1\\uDEB0-\\uDFFF]||\\uD87A[\\uDC00-\\uDFE0]||\\uD87E[\\uDC00-
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\\uDE1D]\\uDB40[\\uDD00-\\uDDEF];
nvar unicode = {
n\tSpace_Separator: Space_Separator,
n\tID_Start: ID_Start,
n\tID_Continue: ID_Continue
};
nvar util = {
n\tisSpaceSeparator (c) {
n\t\treturn typeof c === 'string' && (\\n
n\t\t(c >= ' ' && c <= 'z') || (c >= 'A' && c <= 'Z') || (c === '\$') || (c === '_')) ||
n\t\tunicode.ID_Start.test(c)
n\t};
n\tisIdStartChar (c) {
n\t\treturn typeof c === 'string' && (\\n
n\t\t(c >= 'a' && c <= 'z') || (c >= 'A' && c <= 'Z') || (c >= '0' && c <= '9') || (c === '\$') || (c === '_')) ||
n\t\t(c === '\\u200C') || (c === '\\u200D') || (c === '\\u200E') || (c === '\\u200F') ||
n\t\tunicode.ID_Continue.test(c)
n\t};
n\tisDigit (c) {
n\t\treturn typeof c === 'string' && /[0-9]/.test(c)
n\t};
n\tisHexDigit (c) {
n\t\treturn typeof c === 'string' && /[0-9A-Fa-f]/.test(c)
n\t};
n\tlet source;
n\tlet parseState;
n\tlet stack;
n\tlet pos;
n\tlet line;
n\tlet column;
n\tlet token;
n\tlet key;
n\tlet root;
n\tvar parse = function parse (text, reviver) {
n\t\tsource = String(text);
n\t\tparseState = 'start';
n\t\tstack = [];
n\t\tpos = 0;
n\t\tline = 1;
n\t\tcolumn = 0;
n\t\ttoken = undefined;
n\t\tkey = undefined;
n\t\troot

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= undefined;\n\n do {\n    token = lex();\n\n    // This code is unreachable.\n    // if
(!parseStates[parseState]) {\n    // throw invalidParseState()\n    // }\n\n    parseStates[parseState]();\n }
while (token.type !== 'eof')\n if (typeof reviver === 'function') {\n    return internalize({'': root}, "", reviver)\n }\n\n return root\n};\n\nfunction internalize (holder, name, reviver) {\n    const value = holder[name];\n    if (value
!= null && typeof value === 'object') {\n        for (const key in value) {\n            const replacement =
internalize(value, key, reviver);\n            if (replacement === undefined) {\n                delete value[key];\n            }
else {\n                value[key] = replacement;\n            }\n        }\n    }\n\n    return reviver.call(holder, name,
value)\n}\n\nlet lexState;\nlet buffer;\nlet doubleQuote;\nlet sign;\nlet c;\n\nfunction lex () {\n    lexState =
'default';\n    buffer = "";\n    doubleQuote = false;\n    sign = 1;\n\n    for (;;) {\n        c = peek();\n\n        // This code
is unreachable.\n        // if (!lexStates[lexState]) {\n            // throw invalidLexState(lexState)\n        // }\n\n        const
token = lexStates[lexState]();\n        if (token) {\n            return token\n        }\n    }\n\n    function peek () {\n        if
(source[pos]) {\n            return String.fromCharCode(source.codePointAt(pos))\n        }\n    }\n\n    function read () {\n
const c = peek();\n\n        if (c === '\\n') {\n            line++;\n            column = 0;\n        } else if (c) {\n            column +=
c.length;\n        } else {\n            column++;\n        }\n\n        if (c) {\n            pos += c.length;\n        }\n\n        return c\n}\n\nconst
lexStates = {\n    default () {\n        switch (c) {\n            case '\\t':\n                case '\\v':\n                case '\\f':\n                case '':\n                case '\\u00A0':\n                case '\\uFEFF':\n                case '\\n':\n                case '\\r':\n                case '\\u2028':\n                case '\\u2029':\n
                read();\n                return\n\n                case '':\n                read();\n                lexState = 'comment';\n                return\n\n                case
undefined:\n                read();\n                return newToken('eof')\n            }\n\n            if (util.isSpaceSeparator(c)) {\n
                read();\n                return\n            }\n\n            // This code is unreachable.\n            // if (!lexStates[parseState]) {\n                //
throw invalidLexState(parseState)\n            // }\n\n            return lexStates[parseState]()\n        },\n\n        comment () {\n
            switch (c) {\n                case '*':\n                read();\n                lexState = 'multiLineComment';\n                return\n\n                case
':':\n                read();\n                lexState = 'singleLineComment';\n                return\n            }\n\n            throw
invalidChar(read())\n        },\n\n        multiLineComment () {\n            switch (c) {\n                case '*':\n                read();\n                lexState = 'multiLineCommentAsterisk';\n                return\n\n                case undefined:\n                throw
invalidChar(read())\n            }\n\n            read();\n        },\n\n        multiLineCommentAsterisk () {\n            switch (c) {\n
                case '*':\n                read();\n                return\n\n                case ':':\n                read();\n                lexState = 'default';\n                return\n\n                case undefined:\n                throw invalidChar(read())\n            }\n\n            read();\n            lexState =
'multiLineComment';\n        },\n\n        singleLineComment () {\n            switch (c) {\n                case '\\n':\n                case '\\r':\n                case '\\u2028':\n                case '\\u2029':\n                read();\n                lexState = 'default';\n                return\n\n                case
undefined:\n                read();\n                return newToken('eof')\n            }\n\n            read();\n        },\n\n        value () {\n
            switch (c) {\n                case '{':\n                case '[':\n                return newToken('punctuator', read())\n\n                case '':\n                read();\n                literal('ull');\n                return newToken('null', null)\n\n                case 't':\n                read();\n                literal('rue');\n                return newToken('boolean', true)\n\n                case 'f':\n                read();\n                literal('alse');\n                return newToken('boolean', false)\n\n                case '-':\n                case '+':\n                if (read() === '-') {\n                    sign = -
1;\n                }\n\n                lexState = 'sign';\n                return\n\n                case '.':\n                buffer = read();\n                lexState =
'decimalPointLeading';\n                return\n\n                case '0':\n                buffer = read();\n                lexState = 'zero';\n                return\n\n                case '1':\n                case '2':\n                case '3':\n                case '4':\n                case '5':\n                case '6':\n                case '7':\n                case '8':\n                case '9':\n                buffer = read();\n                lexState = 'decimalInteger';\n                return\n\n                case
'T':\n                read();\n                literal('nfinity');\n                return newToken('numeric', Infinity)\n\n                case 'N':\n                read();\n                literal('aN');\n                return newToken('numeric', NaN)\n\n                case '\\":\n                case '\\\\":\n                doubleQuote = (read() === "\\");\n                buffer = "";\n                lexState = 'string';\n                return\n            }\n\n            throw invalidChar(read())\n        },\n\n        identifierNameStartEscape () {\n            if (c !== 'u') {\n                throw
invalidChar(read())\n            }\n\n            read();\n            const u = unicodeEscape();\n            switch (u) {\n                case '$':\n                case '_':\n                break\n\n                default:\n                if (!util.isIdStartChar(u)) {\n                    throw invalidIdentifier()\n                }\n\n                break\n            }\n\n            buffer += u;\n            lexState = 'identifierName';\n        },\n\n        identifierName () {\n
            switch (c) {\n                case '$':\n                case '_':\n                case '\\u200C':\n                case '\\u200D':\n                buffer +=
read();\n                return\n\n                case '\\\\':\n                read();\n                lexState = 'identifierNameEscape';\n                return\n            }\n\n            if (util.isIdContinueChar(c)) {\n                buffer += read();\n                return\n            }\n

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return newToken('identifier', buffer)\n },\n\n identifierNameEscape () {\n if (c !== 'u') {\n throw
invalidChar(read())\n }\n\n read();\n const u = unicodeEscape();\n switch (u) {\n case '$':\n case '_':\n case '\\u200C':\n case '\\u200D':\n break\n\n default:\n if
(!util.isIdContinueChar(u)) {\n throw invalidIdentifier()\n }\n\n break\n }\n\n buffer
+= u;\n lexState = 'identifierName';\n },\n\n sign () {\n switch (c) {\n case '':\n buffer =
read();\n lexState = 'decimalPointLeading';\n return\n\n case '0':\n buffer = read();\n
lexState = 'zero';\n return\n\n case '1':\n case '2':\n case '3':\n case '4':\n case '5':\n
case '6':\n case '7':\n case '8':\n case '9':\n buffer = read();\n lexState = 'decimalInteger';\n
return\n\n case 'T':\n read();\n literal('Infinity');\n return newToken('numeric', sign *
Infinity)\n\n case 'N':\n read();\n literal('NaN');\n return newToken('numeric', NaN)\n
}\n\n throw invalidChar(read())\n },\n\n zero () {\n switch (c) {\n case '':\n buffer +=
read();\n lexState = 'decimalPoint';\n return\n\n case 'e':\n case 'E':\n buffer += read();\n
lexState = 'decimalExponent';\n return\n\n case 'x':\n case 'X':\n buffer += read();\n
lexState = 'hexadecimal';\n return\n }\n\n return newToken('numeric', sign * 0)\n },\n\n
decimalInteger () {\n switch (c) {\n case '':\n buffer += read();\n lexState = 'decimalPoint';\n
return\n\n case 'e':\n case 'E':\n buffer += read();\n lexState = 'decimalExponent';\n
return\n }\n\n if (util.isDigit(c)) {\n buffer += read();\n return\n }\n\n return
newToken('numeric', sign * Number(buffer))\n },\n\n decimalPointLeading () {\n if (util.isDigit(c)) {\n
buffer += read();\n lexState = 'decimalFraction';\n return\n }\n\n throw invalidChar(read())\n
},\n\n decimalPoint () {\n switch (c) {\n case 'e':\n case 'E':\n buffer += read();\n
lexState = 'decimalExponent';\n return\n }\n\n if (util.isDigit(c)) {\n buffer += read();\n
lexState = 'decimalFraction';\n return\n }\n\n return newToken('numeric', sign * Number(buffer))\n
},\n\n decimalFraction () {\n switch (c) {\n case 'e':\n case 'E':\n buffer += read();\n
lexState = 'decimalExponent';\n return\n }\n\n if (util.isDigit(c)) {\n buffer += read();\n
return\n }\n\n return newToken('numeric', sign * Number(buffer))\n },\n\n decimalExponent () {\n
switch (c) {\n case '+':\n case '-':\n buffer += read();\n lexState = 'decimalExponentSign';\n
return\n }\n\n if (util.isDigit(c)) {\n buffer += read();\n lexState =
'decimalExponentInteger';\n return\n }\n\n throw invalidChar(read())\n },\n\n
decimalExponentSign () {\n if (util.isDigit(c)) {\n buffer += read();\n lexState =
'decimalExponentInteger';\n return\n }\n\n throw invalidChar(read())\n },\n\n
decimalExponentInteger () {\n if (util.isDigit(c)) {\n buffer += read();\n return\n }\n\n
return newToken('numeric', sign * Number(buffer))\n },\n\n hexadecimal () {\n if (util.isHexDigit(c)) {\n
buffer += read();\n lexState = 'hexadecimalInteger';\n return\n }\n\n throw
invalidChar(read())\n },\n\n hexadecimalInteger () {\n if (util.isHexDigit(c)) {\n buffer += read();\n
return\n }\n\n return newToken('numeric', sign * Number(buffer))\n },\n\n string () {\n switch
(c) {\n case '\\\\':\n read();\n buffer += escape();\n return\n\n case '\\':\n if
(doubleQuote) {\n read();\n return newToken('string', buffer)\n }\n\n buffer +=
read();\n return\n\n case '\"':\n if (!doubleQuote) {\n read();\n return
newToken('string', buffer)\n }\n\n buffer += read();\n return\n\n case '\\n':\n case '\\r':\n
throw invalidChar(read())\n\n case '\\u2028':\n case '\\u2029':\n separatorChar(c);\n
break\n\n case undefined:\n throw invalidChar(read())\n }\n\n buffer += read();\n },\n\n start
() {\n switch (c) {\n case '{':\n case '[':\n return newToken('punctuator', read())\n\n // This
code is unreachable since the default lexState handles eof.\n // case undefined:\n // return
newToken('eof')\n }\n\n lexState = 'value';\n },\n\n beforePropertyName () {\n switch (c) {\n
case '$':\n case '_':\n buffer = read();\n lexState = 'identifierName';\n return\n\n case
'\\\\':\n read();\n lexState = 'identifierNameStartEscape';\n return\n\n case '}':\n return
newToken('punctuator', read())\n\n case '\\':\n case '\\\"':\n doubleQuote = (read() === '\\');\n
lexState = 'string';\n return\n }\n\n if (util.isIdStartChar(c)) {\n buffer += read();\n

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lexState = 'identifierName';\n        return\n    }\n\n    throw invalidChar(read())\n  },\n\n  afterPropertyName () {\n    if (c === ':') {\n      return newToken('punctuator', read())\n    }\n\n    throw\n    invalidChar(read())\n  },\n\n  beforePropertyValue () {\n    lexState = 'value';\n  },\n\n  afterPropertyValue ()\n  {\n    switch (c) {\n      case ',':\n      case '}':\n        return newToken('punctuator', read())\n    }\n\n    throw\n    invalidChar(read())\n  },\n\n  beforeArrayValue () {\n    if (c === ']') {\n      return\n      newToken('punctuator', read())\n    }\n\n    lexState = 'value';\n  },\n\n  afterArrayValue () {\n    switch (c)\n    {\n      case ',':\n      case '}':\n        return newToken('punctuator', read())\n    }\n\n    throw\n    invalidChar(read())\n  },\n\n  end () {\n    // This code is unreachable since it's handled by the default lexState.\n\n    // if (c === undefined) {\n    //   read()\n    //   return newToken('eof')\n    // }\n\n    throw\n    invalidChar(read())\n  },\n};\n\nfunction newToken (type, value) {\n  return {\n    type,\n    value,\n    line,\n    column,\n  }\n}\n\nfunction literal (s) {\n  for (const c of s) {\n    const p = peek();\n\n    if (p !==\n    c) {\n      throw invalidChar(read())\n    }\n\n    read();\n  }\n}\n\nfunction escape () {\n  const c =\n  peek();\n  switch (c) {\n    case 'b':\n      read();\n      return '\\b'\n\n    case 'f':\n      read();\n      return '\\f'\n\n    case 'n':\n      read();\n      return '\\n'\n\n    case 'r':\n      read();\n      return '\\r'\n\n    case 't':\n      read();\n      return '\\t'\n\n    case 'v':\n      read();\n      return '\\v'\n\n    case '0':\n      read();\n      if (util.isDigit(peek())) {\n        throw invalidChar(read())\n      }\n      return '\\0'\n\n    case 'x':\n      read();\n      return hexEscape()\n\n    case 'u':\n      read();\n      return unicodeEscape()\n\n    case '\\n':\n    case '\\u2028':\n    case '\\u2029':\n      read();\n      return '\\n'\n\n    case '\\r':\n      read();\n      if (peek() === '\\n') {\n        read();\n      }\n      return\n      '\\n'\n\n    case '1':\n    case '2':\n    case '3':\n    case '4':\n    case '5':\n    case '6':\n    case '7':\n    case '8':\n    case '9':\n      throw invalidChar(read())\n\n    case undefined:\n      throw invalidChar(read())\n  }\n}\n\nreturn\nread()\n}\n\nfunction hexEscape () {\n  let buffer = '';\n  let c = peek();\n\n  if (!util.isHexDigit(c)) {\n    throw\n    invalidChar(read())\n  }\n\n  buffer += read();\n  c = peek();\n  if (!util.isHexDigit(c)) {\n    throw\n    invalidChar(read())\n  }\n\n  buffer += read();\n  return String.fromCodePoint(parseInt(buffer,\n  16))\n}\n\nfunction unicodeEscape () {\n  let buffer = '';\n  let count = 4;\n\n  while (count-- > 0) {\n    const c\n    = peek();\n    if (!util.isHexDigit(c)) {\n      throw invalidChar(read())\n    }\n\n    buffer += read();\n  }\n\n  return String.fromCodePoint(parseInt(buffer, 16))\n}\n\nconst parseStates = {\n  start () {\n    if\n    (token.type === 'eof') {\n      throw invalidEOF()\n    }\n\n    push();\n  },\n\n  beforePropertyName () {\n    switch (token.type) {\n      case 'identifier':\n      case 'string':\n        key = token.value;\n        parseState =\n        'afterPropertyName';\n        return\n\n      case 'punctuator':\n        // This code is unreachable since it's handled\n        by the lexState.\n        // if (token.value !== '}') {\n        //   throw invalidToken()\n        // }\n\n        pop();\n        return\n\n      case 'eof':\n        throw invalidEOF()\n    }\n\n    // This code is unreachable\n    since it's handled by the lexState.\n    // throw invalidToken()\n  },\n\n  afterPropertyName () {\n    // This\n    code is unreachable since it's handled by the lexState.\n    // if (token.type !== 'punctuator' || token.value !== ':')\n    {\n      //   throw invalidToken()\n      // }\n\n    if (token.type === 'eof') {\n      throw invalidEOF()\n    }\n\n    parseState = 'beforePropertyValue';\n  },\n\n  beforePropertyValue () {\n    if (token.type === 'eof')\n    {\n      throw invalidEOF()\n    }\n\n    push();\n  },\n\n  beforeArrayValue () {\n    if (token.type ===\n    'eof') {\n      throw invalidEOF()\n    }\n\n    if (token.type === 'punctuator' && token.value === ']') {\n      pop();\n      return\n    }\n\n    push();\n  },\n\n  afterPropertyValue () {\n    // This code is\n    unreachable since it's handled by the lexState.\n    // if (token.type !== 'punctuator') {\n    //   throw\n    invalidToken()\n    // }\n\n    if (token.type === 'eof') {\n      throw invalidEOF()\n    }\n\n    switch\n    (token.value) {\n      case ',':\n        parseState = 'beforePropertyName';\n        return\n\n      case '}':\n        pop();\n    }\n\n    // This code is unreachable since it's handled by the lexState.\n    // throw invalidToken()\n  },\n\n  afterArrayValue () {\n    // This code is unreachable since it's handled by the lexState.\n    // if\n    (token.type !== 'punctuator') {\n      //   throw invalidToken()\n      // }\n\n    if (token.type === 'eof') {\n      throw\n      invalidEOF()\n    }\n\n    switch (token.value) {\n      case ',':\n        parseState =\n        'beforeArrayValue';\n        return\n\n      case ']':\n        pop();\n    }\n\n    // This code is unreachable since\n    it's handled by the lexState.\n    // throw invalidToken()\n  },\n\n  end () {\n    // This code is unreachable\n    since it's handled by the lexState.\n    // if (token.type !== 'eof') {\n    //   throw invalidToken()\n    // }\n  }\n}

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},\n};\n\nfunction push () {\n  let value;\n\n  switch (token.type) {\n    case 'punctuator':\n      switch\n      (token.value) {\n        case '{':\n          value = {};\n          break\n\n        case '[':\n          value = [];\n          break\n\n        case 'null':\n        case 'boolean':\n        case 'numeric':\n        case 'string':\n          value =\n          token.value;\n          break\n\n        // This code is unreachable.\n        // default:\n        // throw invalidToken()\n      }\n\n    if\n    (root === undefined) {\n      root = value;\n    } else {\n      const parent = stack[stack.length - 1];\n      if\n      (Array.isArray(parent)) {\n        parent.push(value);\n      } else {\n        parent[key] = value;\n      }\n    }\n\n    if (value !== null && typeof value === 'object') {\n      stack.push(value);\n\n      if (Array.isArray(value)) {\n        parseState = 'beforeArrayValue';\n      } else {\n        parseState = 'beforePropertyName';\n      }\n    } else {\n      const current = stack[stack.length - 1];\n      if (current === null) {\n        parseState = 'end';\n      } else if\n      (Array.isArray(current)) {\n        parseState = 'afterArrayValue';\n      } else {\n        parseState =\n        'afterPropertyValue';\n      }\n    }\n  }\n}\n\nfunction pop () {\n  stack.pop();\n\n  const current = stack[stack.length -\n  1];\n  if (current === null) {\n    parseState = 'end';\n  } else if (Array.isArray(current)) {\n    parseState =\n    'afterArrayValue';\n  } else {\n    parseState = 'afterPropertyValue';\n  }\n}\n\n// This code is unreachable.\n//\nfunction invalidParseState () {\n  // return new Error(`JSON5: invalid parse state '${parseState}'`)\n  //\n  // This code is unreachable.\n  //\n  function invalidLexState (state) {\n    // return new Error(`JSON5: invalid lex state\n    '${state}'`)\n    //\n  }\n\n  function invalidChar (c) {\n    if (c === undefined) {\n      return syntaxError(`JSON5: invalid\n      end of input at ${line}:${column}`)\n    }\n\n    return syntaxError(`JSON5: invalid character '${formatChar(c)}'\n    at\n    ${line}:${column}`)\n  }\n\n  function invalidEOF () {\n    return syntaxError(`JSON5: invalid end of input at\n    ${line}:${column}`)\n  }\n\n  // This code is unreachable.\n  //\n  function invalidToken () {\n    // if (token.type === 'eof')\n    //\n    // return syntaxError(`JSON5: invalid end of input at ${line}:${column}`)\n    //\n    //\n    const c =\n    String.fromCodePoint(token.value.codePointAt(0))\n    //\n    return syntaxError(`JSON5: invalid character\n    '${formatChar(c)}'\n    at\n    ${line}:${column}`)\n    //\n  }\n\n  function invalidIdentifier () {\n    column -= 5;\n    return\n    syntaxError(`JSON5: invalid identifier character at\n    ${line}:${column}`)\n  }\n\n  function separatorChar (c) {\n    console.warn(`JSON5: '${formatChar(c)}' in strings is not valid\n    ECMAScript; consider escaping`);\n  }\n\n  function\n  formatChar (c) {\n    const replacements = {\n      '\\":': '\\\\\\"',\n      '\\\\': '\\\\\\\\',\n      '\\\\b': '\\\\b',\n      '\\\\f': '\\\\f',\n      '\\\\n': '\\\\n',\n      '\\\\r': '\\\\r',\n      '\\\\t': '\\\\t',\n      '\\\\v': '\\\\v',\n      '\\\\0': '\\\\0',\n      '\\u2028': '\\\\u2028',\n      '\\u2029': '\\\\u2029',\n    };\n\n    if (replacements[c]) {\n      return replacements[c]\n    }\n\n    if (c < ' ') {\n      const hexString = c.charCodeAt(0).toString(16);\n      return '\\\\x' + ('00' +\n      hexString).substring(hexString.length)\n    }\n\n    return c\n  }\n\n  function\n  syntaxError (message) {\n    const err =\n    new SyntaxError(message);\n    err.lineNumber = line;\n    err.columnNumber = column;\n    return err\n  }\n\n  nvar\n  stringify = function\n  stringify (value, replacer, space) {\n    const stack = [];\n    let indent = '';\n    let\n    propertyList;\n    let\n    replacerFunc;\n    let\n    gap = '';\n    let\n    quote;\n\n    if (\n    replacer !== null &&\n    typeof\n    replacer === 'object'\n    &&\n    !Array.isArray(replacer)\n    ) {\n      space = replacer.space;\n      quote = replacer.quote;\n      replacer = replacer.replacer;\n    }\n\n    if (typeof replacer === 'function') {\n      replacerFunc = replacer;\n    }\n    else if (Array.isArray(replacer)) {\n      propertyList = [];\n      for (const v of replacer) {\n        let item;\n\n        if (typeof v === 'string') {\n          item = v;\n        } else if (\n          typeof v === 'number' ||\n          v\n          instanceof String ||\n          v\n          instanceof Number\n        ) {\n          item = String(v);\n        }\n\n        if\n        (item !== undefined && propertyList.indexOf(item) < 0) {\n          propertyList.push(item);\n        }\n      }\n\n      if (space instanceof Number) {\n        space = Number(space);\n      } else if (space instanceof String) {\n        space = String(space);\n      }\n\n      if (typeof space === 'number') {\n        if (space > 0) {\n          space =\n          Math.min(10, Math.floor(space));\n          gap = '\n          '.substr(0, space);\n        }\n      } else if (typeof space ===\n      'string') {\n        gap = space.substr(0, 10);\n      }\n\n      return\n      serializeProperty('', {\n        ':': value\n      })\n    }\n\n    function\n    serializeProperty (key, holder) {\n      let value = holder[key];\n      if (value !== null) {\n        if (typeof\n        value.toJSON5 === 'function') {\n          value = value.toJSON5(key);\n        } else if (typeof value.toJSON\n        === 'function') {\n          value = value.toJSON(key);\n        }\n      }\n\n      if (replacerFunc) {\n        value = replacerFunc.call(holder, key, value);\n      }\n\n      if (value instanceof Number) {\n        value =\n        Number(value);\n      } else if (value instanceof String) {\n        value =\n        String(value);\n      } else if (value\n        instanceof Boolean) {\n        value =\n        value.valueOf();\n      }\n\n      switch (value) {\n        case null: return

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'null'\n    case true: return 'true'\n    case false: return 'false'\n    }\n\n    if (typeof value === 'string') {\n      return quoteString(value, false)\n    }\n\n    if (typeof value === 'number') {\n      return String(value)\n    }\n\n    if (typeof value === 'object') {\n      return Array.isArray(value) ? serializeArray(value) :\n      serializeObject(value)\n    }\n\n    return undefined\n  }\n\n  function quoteString (value) {\n    const\n    quotes = {\n      '"': 0.1,\n      "'": 0.2,\n    }; \n\n    const replacements = {\n      '"': '\\\\\\"',\n      "'": '\\\\\'',\n      '\\b': '\\\\b',\n      '\\f': '\\\\f',\n      '\\n': '\\\\n',\n      '\\r': '\\\\r',\n      '\\t': '\\\\t',\n      '\\v': '\\\\v',\n      '\\0': '\\\\0',\n      '\\u2028': '\\\\u2028',\n      '\\u2029': '\\\\u2029',\n    };\n\n    let product = '';\n\n    for (let i = 0; i < value.length; i++) {\n      const c = value[i];\n      switch\n      (c) {\n        case '"':\n          case "'":\n            quotes[c]++; \n            product += c;\n            continue\n\n          case '\\0':\n            if (util.isDigit(value[i + 1])) {\n              product += '\\\\x00';\n              continue\n            }\n\n            if (replacements[c]) {\n              product += replacements[c];\n              continue\n            }\n\n            if (c < ' ') {\n              let hexString = c.charCodeAt(0).toString(16);\n              product += '\\\\x'\n              + ('00' + hexString).substring(hexString.length);\n              continue\n            }\n\n            product += c;\n          }\n\n      const quoteChar = quote || Object.keys(quotes).reduce((a, b) => (quotes[a] < quotes[b]) ? a : b);\n      product\n      = product.replace(new RegExp(quoteChar, 'g'), replacements[quoteChar]);\n      return quoteChar + product +\n      quoteChar\n    }\n\n    function serializeObject (value) {\n      if (stack.indexOf(value) >= 0) {\n        throw\n        TypeError('Converting circular structure to JSON5')\n      }\n\n      stack.push(value);\n      let stepback =\n      indent;\n      indent = indent + gap;\n      let keys = propertyList || Object.keys(value);\n      let partial = [];\n      for (const key of keys) {\n        const propertyString = serializeProperty(key, value);\n        if (propertyString\n        !== undefined) {\n          let member = serializeKey(key) + ':';\n          if (gap !== '') {\n            member\n            += ' ';\n          }\n          member += propertyString;\n          partial.push(member);\n        }\n\n        let final;\n        if (partial.length === 0) {\n          final = '{}';\n        } else {\n          let properties;\n          if\n          (gap === '') {\n            properties = partial.join(',');\n            final = '{' + properties + ' ';\n          } else {\n            let separator = ',\n            + '\\n' + indent;\n            properties = partial.join(separator);\n            final = '{\n            + '\\n' + indent +\n            properties + ',\n            + '\\n' + stepback + ' ';\n          }\n\n          stack.pop();\n          indent = stepback;\n          return\n          final\n        }\n      }\n\n      function serializeKey (key) {\n        if (key.length === 0) {\n          return quoteString(key, true)\n        }\n\n        const firstChar = String.fromCodePoint(key.codePointAt(0));\n        if (!util.isIdStartChar(firstChar))\n        {\n          return quoteString(key, true)\n        }\n\n        for (let i = firstChar.length; i < key.length; i++) {\n          if\n          (!util.isIdContinueChar(String.fromCodePoint(key.codePointAt(i)))) {\n            return quoteString(key, true)\n          }\n        }\n\n        return key\n      }\n\n      function serializeArray (value) {\n        if (stack.indexOf(value) >= 0) {\n          throw\n          TypeError('Converting circular structure to JSON5')\n        }\n\n        stack.push(value);\n        let\n        stepback = indent;\n        indent = indent + gap;\n        let partial = [];\n        for (let i = 0; i < value.length; i++) {\n          const propertyString = serializeProperty(String(i), value);\n          partial.push((propertyString !== undefined)\n          ? propertyString : 'null');\n        }\n\n        let final;\n        if (partial.length === 0) {\n          final = '[]';\n        } else\n        {\n          if (gap === '') {\n            let properties = partial.join(',');\n            final = '[' + properties + ' ';\n          } else {\n            let separator = ',\n            + '\\n' + indent;\n            let properties = partial.join(separator);\n            final = '['\n            + '\\n' + indent + properties + ',\n            + '\\n' + stepback + ' ';\n          }\n\n          stack.pop();\n          indent = stepback;\n          return\n          final\n        }\n      }\n\n      const JSON5 = {\n        parse,\n        stringify,\n      };\n\n      nvar lib = JSON5;\n      nexport default\n      lib;\n    };\n\n    /*\n    * Copyright (c) Facebook, Inc. and its affiliates.\n    *\n    * This source code is licensed under the MIT\n    license found in the\n    * LICENSE file in the root directory of this source tree.\n    *\n    * @flow\n    */\n\n    nimport JSON5\n    from 'json5';\n\n    nimport type {Element} from './views/Components/types';\n    nimport type {StateContext} from\n    './views/Components/TreeContext';\n    nimport type Store from './store';\n\n    nexport function printElement(element:\n    Element, includeWeight: boolean = false) {\n      let prefix = '';\n      if (element.children.length > 0) {\n        prefix =\n        element.isCollapsed ? " : " : ";\n      }\n\n      let key = '';\n      if (element.key !== null) {\n        key = `key=${\n        ${element.key}}`;\n      }\n\n      let hocDisplayNames = null;\n      if (element.hocDisplayNames !== null) {\n        hocDisplayNames = [...element.hocDisplayNames];\n      }\n\n      const hocs =\n      hocDisplayNames === null ? " : "`\n      [`${hocDisplayNames.join(' ')}];`\n      let suffix = '';\n      if (includeWeight) {\n        suffix = ` (${element.isCollapsed ?\n        1 : element.weight})`;\n      }\n\n      return `${\n      '{' .repeat(element.depth + 1)}${\n      prefix} <${\n      element.displayName ||\n    `

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'null')${key}>>${hocs}${suffix}`;\n}\n\nexport function printOwnersList(\n  elements: Array<Element>,\n  includeWeight: boolean = false,\n) {\n  return elements\n  .map(element => printElement(element,\n  includeWeight))\n  .join("\\n");\n}\n\nexport function printStore(\n  store: Store,\n  includeWeight: boolean =\n  false,\n  state: StateContext | null = null,\n) {\n  const snapshotLines = [];\n\n  let rootWeight = 0;\n\n  function\n  printSelectedMarker(index: number): string {\n    if (state === null) {\n      return ";\n    }\n    return\n    state.selectedElementIndex === index ? `` : ' ';\n  }\n\n  function printErrorsAndWarnings(element: Element): string\n  {\n    const {\n      errorCount,\n      warningCount,\n    } =\n    store.getErrorAndWarningCountForElementID(element.id);\n    if (errorCount === 0 && warningCount === 0) {\n      return ";\n    }\n    return `${errorCount > 0 ? " : "}${warningCount > 0 ? " : "}`;\n  }\n\n  const ownerFlatTree =\n  state !== null ? state.ownerFlatTree : null;\n  if (ownerFlatTree !== null) {\n    snapshotLines.push(\n      '\n    [owners] +\n    (includeWeight ? ` (${ownerFlatTree.length})` : ")\n    );\n    ownerFlatTree.forEach((element, index) => {\n      const printedSelectedMarker = printSelectedMarker(index);\n      const printedElement = printElement(element,\n      false);\n      const printedErrorsAndWarnings = printErrorsAndWarnings(element);\n      snapshotLines.push(\n        `${printedSelectedMarker}${printedElement}${printedErrorsAndWarnings}`\n        ,\n      );\n    });\n  } else {\n    const\n    errorsAndWarnings = store._errorsAndWarnings;\n    if (errorsAndWarnings.size > 0) {\n      let errorCount = 0;\n      let warningCount = 0;\n      errorsAndWarnings.forEach(entry => {\n        errorCount += entry.errorCount;\n        warningCount += entry.warningCount;\n      });\n      snapshotLines.push(\n        `${errorCount}, ${warningCount}`\n      );\n      store.roots.forEach(rootID => {\n        const {weight} = ((store.getElementByID(rootID): any): Element);\n        const maybeWeightLabel = includeWeight ? ` (${weight})` : ";\n        // Store does not (yet) expose a way to get\n        errors/warnings per root.\n        snapshotLines.push(\n          `[rootID${maybeWeightLabel}]`\n        );\n        for (let i = rootWeight; i\n        < rootWeight + weight; i++) {\n          const element = store.getElementAtIndex(i);\n          if (element === null) {\n            throw Error(`Could not find element at index "${i}"`);\n          }\n          const printedSelectedMarker =\n          printSelectedMarker(i);\n          const printedElement = printElement(element, includeWeight);\n          const\n          printedErrorsAndWarnings = printErrorsAndWarnings(element);\n          snapshotLines.push(\n            `${printedSelectedMarker}${printedElement}${printedErrorsAndWarnings}`\n            ,\n          );\n        }\n        rootWeight +=\n        weight;\n      });\n      // Make sure the pretty-printed test align with the Store's reported number of total rows.\n      if\n      (rootWeight !== store.numElements) {\n        throw Error(\n          `Inconsistent Store state. Individual root weights\n          ("${rootWeight}") do not match total weight ("${store.numElements}")`\n        );\n      }\n      // If roots have been\n      unmounted, verify that they've been removed from maps.\n      // This helps ensure the Store doesn't leak memory.\n      store.assertExpectedRootMapSizes();\n    }\n\n    return snapshotLines.join("\\n");\n  }\n\n  // We use JSON.parse to parse\n  string values\n  // e.g. 'foo' is not valid JSON but it is a valid string\n  // so this method replaces e.g. 'foo' with\n  `\"foo\"`\n  export function sanitizeForParse(value: any) {\n    if (typeof value === 'string') {\n      if (\n        value.length\n        >= 2 &&\n        value.charAt(0) === `\"` &&\n        value.charAt(value.length - 1) === `\"`\n      ) {\n        return `\"` +\n        value.substr(1, value.length - 2) + `\"`;\n      }\n      return value;\n    }\n\n    export function smartParse(value: any) {\n      switch (value) {\n        case 'Infinity':\n          return Infinity;\n        case 'NaN':\n          return NaN;\n        case 'undefined':\n          return undefined;\n        default:\n          return JSON5.parse(sanitizeForParse(value));\n      }\n    }\n\n    export function\n    smartStringify(value: any) {\n      if (typeof value === 'number') {\n        if (Number.isNaN(value)) {\n          return 'NaN';\n        }\n        else if (!Number.isFinite(value)) {\n          return 'Infinity';\n        }\n      } else if (value === undefined) {\n        return\n        'undefined';\n      }\n      return JSON.stringify(value);\n    }\n  }\n\n  /**\n  * Copyright (c) Facebook, Inc. and its affiliates.\n  *\n  * This source code is licensed under the MIT license found in the\n  * LICENSE file in the root directory of this\n  * source tree.\n  */\n  * @flow\n  */\n  import {PROFILER_EXPORT_VERSION} from 'react-devtools-\n  shared/src/constants';\n  import {separateDisplayNameAndHOCs} from 'react-devtools-shared/src/utils';\n  import type {ProfilingDataBackend} from 'react-devtools-shared/src/backend/types';\n  import type {\n    ProfilingDataExport,\n    ProfilingDataForRootExport,\n    ProfilingDataForRootFrontend,\n    ProfilingDataFrontend,\n    SnapshotNode,\n  } from './types';\n\n  const commitGradient = [\n    'var(--color-commit-gradient-0)',\n    'var(--color-\n    commit-gradient-1)',\n    'var(--color-commit-gradient-2)',\n    'var(--color-commit-gradient-3)',\n    'var(--color-commit-\n    gradient-4)',\n    'var(--color-commit-gradient-5)',\n    'var(--color-commit-gradient-6)',\n    'var(--color-commit-\n    gradient-7)',\n    'var(--color-commit-gradient-8)',\n    'var(--color-commit-gradient-9)'];\n\n  // Combines info from the Store

```

(frontend) and renderer interfaces (backend) into the format required by the Profiler UI.

```
// This format can then be quickly exported (and re-imported).
export function prepareProfilingDataFrontendFromBackendAndStore(
  dataBackends: Array<ProfilingDataBackend>,
  operationsByRootID: Map<number, Array<Array<number>>>,
  snapshotsByRootID: Map<number, Map<number, SnapshotNode>>,
): ProfilingDataFrontend {
  const dataForRoots: Map<number, ProfilingDataForRootFrontend> = new Map();

  dataBackends.forEach(dataBackend => {
    dataBackend.dataForRoots.forEach(
      ({commitData, displayName, initialTreeBaseDurations, rootID}) => {
        const operations = operationsByRootID.get(rootID);
        if (operations == null) {
          throw Error(`Could not find profiling operations for root "${rootID}"`);
        }
        const snapshots = snapshotsByRootID.get(rootID);
        if (snapshots == null) {
          throw Error(`Could not find profiling snapshots for root "${rootID}"`);
        }
        // Do not filter empty commits from the profiler data!
        // Hiding "empty" commits might cause confusion too.
        // A commit *did happen* even if none of the components the Profiler is showing were involved.
        const convertedCommitData = commitData.map(
          (commitDataBackend, commitIndex) => (
            {
              changeDescriptions:
                commitDataBackend.changeDescriptions != null ? new Map(commitDataBackend.changeDescriptions) : null,
              duration: commitDataBackend.duration,
              effectDuration: commitDataBackend.effectDuration,
              fiberActualDurations: new Map(
                commitDataBackend.fiberActualDurations,
              ),
              fiberSelfDurations: new Map(
                commitDataBackend.fiberSelfDurations,
              ),
              passiveEffectDuration: commitDataBackend.passiveEffectDuration,
              priorityLevel: commitDataBackend.priorityLevel,
              timestamp: commitDataBackend.timestamp,
              updaters:
                commitDataBackend.updaters != null ? commitDataBackend.updaters.map(serializedElement => {
                  const [
                    serializedElementDisplayName,
                    serializedElementHocDisplayNames,
                  ] = separateDisplayNameAndHOCs(
                    serializedElement.displayName,
                    serializedElement.type,
                  );
                  return {
                    ...serializedElement,
                    displayName: serializedElementDisplayName,
                    hocDisplayNames: serializedElementHocDisplayNames,
                  };
                }) : null,
            }
          ),
          duration,
          effectDuration,
          fiberActualDurations,
          fiberSelfDurations,
          passiveEffectDuration,
          priorityLevel,
          timestamp,
          updaters,
        ) => (
          {
            changeDescriptions:
              changeDescriptions != null ? new Map(changeDescriptions) : null,
            duration,
            effectDuration,
            fiberActualDurations: new Map(fiberActualDurations),
            fiberSelfDurations: new Map(fiberSelfDurations),
            passiveEffectDuration,
            priorityLevel,
            timestamp,
            updaters,
          },
          displayName,
          initialTreeBaseDurations: new Map(initialTreeBaseDurations),
          operations,
          rootID,
          snapshots,
        );
      }
    );
  });
  return {dataForRoots, imported: false};
}

// Converts a Profiling data export into the format required by the Store.
export function prepareProfilingDataFrontendFromExport(
  profilingDataExport: ProfilingDataExport,
): ProfilingDataFrontend {
  const {version} = profilingDataExport;
  if (version !== PROFILER_EXPORT_VERSION) {
    throw Error(`Unsupported profile export version "${version}". Supported version is "${PROFILER_EXPORT_VERSION}"`);
  }
  const dataForRoots: Map<number, ProfilingDataForRootFrontend> = new Map();
  profilingDataExport.dataForRoots.forEach(
    ({
      commitData,
      displayName,
      initialTreeBaseDurations,
      operations,
      rootID,
      snapshots,
    }) => {
      dataForRoots.set(
        rootID,
        {
          commitData: commitData.map(
            ({
              changeDescriptions,
              duration,
              effectDuration,
              fiberActualDurations,
              fiberSelfDurations,
              passiveEffectDuration,
              priorityLevel,
              timestamp,
              updaters,
            }) => (
              {
                changeDescriptions:
                  changeDescriptions != null ? new Map(changeDescriptions) : null,
                duration,
                effectDuration,
                fiberActualDurations: new Map(fiberActualDurations),
                fiberSelfDurations: new Map(fiberSelfDurations),
                passiveEffectDuration,
                priorityLevel,
                timestamp,
                updaters,
              },
              displayName,
              initialTreeBaseDurations: new Map(initialTreeBaseDurations),
              operations,
              rootID,
              snapshots: new Map(snapshots),
            );
          },
          },
          },
          },
          },
          },
          },
          },
          },
          },
          },
          },
          },
        );
      }
    );
  return {dataForRoots, imported: true};
}

// Converts a Store Profiling data into a format that can be safely (JSON) serialized for export.
export function prepareProfilingDataExport(
  profilingDataFrontend: ProfilingDataFrontend,
): ProfilingDataExport {
  const dataForRoots: Array<ProfilingDataForRootExport> = [];
  profilingDataFrontend.dataForRoots.forEach(
    ({
      commitData,
      displayName,

```



```

initialTreeBaseDurations,\n    operations,\n    rootID,\n    snapshots,\n    }) => {\n    dataForRoots.push({\n
commitData: commitData.map(\n        ({\n            changeDescriptions,\n            duration,\n            effectDuration,\n
            fiberActualDurations,\n            fiberSelfDurations,\n            passiveEffectDuration,\n            priorityLevel,\n
            timestamp,\n            updaters,\n            }) => ({\n            changeDescriptions:\n            changeDescriptions !=
null\n                ? Array.from(changeDescriptions.entries())\n                : null,\n            duration,\n
            effectDuration,\n            fiberActualDurations: Array.from(fiberActualDurations.entries()),\n
            fiberSelfDurations: Array.from(fiberSelfDurations.entries()),\n            passiveEffectDuration,\n
            priorityLevel,\n            timestamp,\n            updaters,\n            })),\n        },\n        displayName,\n
initialTreeBaseDurations: Array.from(\n            initialTreeBaseDurations.entries(),\n        ),\n        operations,\n
rootID,\n        snapshots: Array.from(snapshots.entries()),\n    });\n    },\n    );\n\n    return {\n    version:
PROFILER_EXPORT_VERSION,\n    dataForRoots,\n    };;\n\n\nexport const getGradientColor = (value: number)
=> {\n    const maxIndex = commitGradient.length - 1;\n    let index;\n    if (Number.isNaN(value)) {\n        index = 0;\n    }
else if (!Number.isFinite(value)) {\n        index = maxIndex;\n    } else {\n        index = Math.max(0, Math.min(maxIndex,
value)) * maxIndex;\n    }\n    return commitGradient[Math.round(index)];\n};;\n\nexport const formatDuration =
(duration: number) =>{\n    Math.round(duration * 10) / 10 || '<0.1';\n\nexport const formatPercentage = (percentage:
number) =>{\n    Math.round(percentage * 100);\n\nexport const formatTime = (timestamp: number) =>{\n
Math.round(Math.round(timestamp) / 100) / 10;\n\nexport const scale = (\n    minVale: number,\n    maxVale:
number,\n    minRange: number,\n    maxRange: number,\n) => (value: number, fallbackValue: number) =>{\n
    maxVale - minVale === 0\n        ? fallbackValue\n        : ((value - minVale) / (maxVale - minVale)) * (maxRange -
minRange);\n    },\n    "/**\n    * Copyright (c) Facebook, Inc. and its affiliates.\n    *\n    * This source code is licensed under the
MIT license found in the\n    * LICENSE file in the root directory of this source tree.\n    *\n    * @flow\n    */\n\nimport
{\n    __DEBUG__,\n    TREE_OPERATION_ADD,\n    TREE_OPERATION_REMOVE,\n
TREE_OPERATION_REMOVE_ROOT,\n    TREE_OPERATION_REORDER_CHILDREN,\n
TREE_OPERATION_SET_SUBTREE_MODE,\n    TREE_OPERATION_UPDATE_TREE_BASE_DURATION,\n
TREE_OPERATION_UPDATE_ERRORS_OR_WARNINGS,\n} from 'react-devtools-
shared/src/constants';\nimport {utfDecodeString} from 'react-devtools-shared/src/utils';\nimport
{ElementTypeRoot} from 'react-devtools-shared/src/types';\nimport ProfilerStore from 'react-devtools-
shared/src/devtools/ProfilerStore';\n\nimport type {ElementType} from 'react-devtools-shared/src/types';\nimport
type {\n    CommitTree,\n    CommitTreeNode,\n    ProfilingDataForRootFrontend,\n} from 'react-devtools-
shared/src/devtools/views/Profiler/types';\n\nconst debug = (methodName, ...args) => {\n    if (__DEBUG__) {\n
console.log(\n        `%cCommitTreeBuilder %c${methodName}`, \n        'color: pink; font-weight: bold;', \n        'font-
weight: bold;', \n        ...args,\n    );\n    }\n\n    const rootToCommitTreeMap: Map<number, Array<CommitTree>> =
new Map();\n\n    export function getCommitTree({\n        commitIndex,\n        profilerStore,\n        rootID,\n    }: {\n
commitIndex: number,\n        profilerStore: ProfilerStore,\n        rootID: number,\n    }): CommitTree {\n        if
(!rootToCommitTreeMap.has(rootID)) {\n            rootToCommitTreeMap.set(rootID, []);\n        }\n\n        const commitTrees =
((rootToCommitTreeMap.get(\n            rootID,\n        ): any): Array<CommitTree>);\n\n        if (commitIndex <
commitTrees.length) {\n            return commitTrees[commitIndex];\n        }\n\n        const {profilingData} = profilerStore;\n        if
(profilingData === null) {\n            throw Error(`No profiling data available`);\n        }\n\n        const dataForRoot =
profilingData.dataForRoots.get(rootID);\n\n        if (dataForRoot === null) {\n            throw Error(`Could not find profiling data
for root "${rootID}"`);\n        }\n\n        const {operations} = dataForRoot;\n\n        if (operations.length <= commitIndex) {\n
throw Error(\n            `getCommitTree(): Invalid commit "${commitIndex}" for root "${rootID}`. There are only
"${operations.length}" commits.`,\n        );\n    }\n\n    let commitTree: CommitTree = ((null: any): CommitTree);\n\n    for
(let index = commitTrees.length; index <= commitIndex; index++) {\n        // Commits are generated sequentially and
cached.\n        // If this is the very first commit, start with the cached snapshot and apply the first mutation.\n        //
Otherwise load (or generate) the previous commit and append a mutation to it.\n        if (index === 0) {\n            const
nodes = new Map();\n\n            // Construct the initial tree.\n            recursivelyInitializeTree(rootID, 0, nodes,
dataForRoot);\n\n            // Mutate the tree\n            if (operations != null && index < operations.length) {\n
commitTree = updateTree({nodes, rootID}, operations[index]);\n\n                if (__DEBUG__) {\n

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__printTree(commitTree);\n    }\n    commitTrees.push(commitTree);\n  }\n } else {\n  const
previousCommitTree = commitTrees[index - 1];\n  commitTree = updateTree(previousCommitTree,
operations[index]);\n  if (__DEBUG__) {\n    __printTree(commitTree);\n  }\n  commitTrees.push(commitTree);\n }\n }\n\n return commitTree;\n}\n\nfunction recursivelyInitializeTree(\n id:
number,\n parentID: number,\n nodes: Map<number, CommitTreeNode>,\n dataForRoot:
ProfilingDataForRootFrontend,\n): void {\n  const node = dataForRoot.snapshots.get(id);\n  if (node !== null) {\n
nodes.set(id, {\n  id,\n  children: node.children,\n  displayName: node.displayName,\n  hocDisplayNames:
node.hocDisplayNames,\n  key: node.key,\n  parentID,\n  treeBaseDuration:
((dataForRoot.initialTreeBaseDurations.get(\n  id,\n  ): any): number),\n  type: node.type,\n  });\n\n
node.children.forEach(childID =>\n  recursivelyInitializeTree(childID, id, nodes, dataForRoot),\n  );\n
}\n}\n\nfunction updateTree(\n commitTree: CommitTree,\n operations: Array<number>,\n): CommitTree {\n //
Clone the original tree so edits don't affect it.\n  const nodes = new Map(commitTree.nodes);\n\n // Clone nodes
before mutating them so edits don't affect them.\n  const getClonedNode = (id: number): CommitTreeNode => {\n
const clonedNode = ((Object.assign(\n  {},\n  nodes.get(id),\n  ): any): CommitTreeNode);\n  nodes.set(id,
clonedNode);\n  return clonedNode;\n  };\n\n  let i = 2;\n  let id: number = ((null: any): number);\n\n // Reassemble
the string table.\n  const stringTable = [\n  null, // ID = 0 corresponds to the null string.\n  ];\n  const
stringTableSize = operations[i++];\n  const stringTableEnd = i + stringTableSize;\n  while (i < stringTableEnd) {\n
const nextLength = operations[i++];\n  const nextString = utfDecodeString(\n  (operations.slice(i, i +
nextLength): any),\n  );\n  stringTable.push(nextString);\n  i += nextLength;\n  }\n\n  while (i <
operations.length) {\n  const operation = operations[i];\n\n  switch (operation) {\n  case
TREE_OPERATION_ADD: {\n    id = ((operations[i + 1]: any): number);\n    const type = ((operations[i + 2]:
any): ElementType);\n\n    i += 3;\n\n    if (nodes.has(id)) {\n      throw new Error(\n        `Commit tree
already contains fiber \"${id}\". This is a bug in React DevTools.`,\n        );\n    }\n\n    if (type ===
ElementTypeRoot) {\n      i++; // isStrictModeCompliant\n      i++; // supportsProfiling flag\n      i++; //
supportsStrictMode flag\n      i++; // hasOwnerMetadata flag\n\n      if (__DEBUG__) {\n        debug('Add',
`new root fiber ${id}`);\n      }\n\n      const node: CommitTreeNode = {\n        children: [],\n
displayName: null,\n        hocDisplayNames: null,\n        id,\n        key: null,\n        parentID: 0,\n
treeBaseDuration: 0, // This will be updated by a subsequent operation\n        type,\n        };\n\n      nodes.set(id, node);\n    } else {\n      const parentID = ((operations[i]: any): number);\n      i++;\n\n      i++; // ownerID\n\n      const displayNameStringID = operations[i];\n      const displayName =
stringTable[displayNameStringID];\n      i++;\n\n      const keyStringID = operations[i];\n      const key =
stringTable[keyStringID];\n      i++;\n\n      if (__DEBUG__) {\n        debug(\n          'Add',\n
`fiber ${id} (${displayName || 'null'}) as child of ${parentID}`,\n          );\n      }\n\n      const parentNode =
getClonedNode(parentID);\n      parentNode.children = parentNode.children.concat(id);\n\n      const node:
CommitTreeNode = {\n        children: [],\n        displayName,\n        hocDisplayNames: null,\n        id,\n
key,\n        parentID,\n        treeBaseDuration: 0, // This will be updated by a subsequent operation\n
type,\n        };\n\n      nodes.set(id, node);\n    }\n\n    break;\n  }\n  case
TREE_OPERATION_REMOVE: {\n    const removeLength = ((operations[i + 1]: any): number);\n    i +=
2;\n\n    for (let removeIndex = 0; removeIndex < removeLength; removeIndex++) {\n      id = ((operations[i]:
any): number);\n      i++;\n\n      if (!nodes.has(id)) {\n        throw new Error(\n          `Commit tree does
not contain fiber \"${id}\". This is a bug in React DevTools.`,\n          );\n      }\n\n      const node =
getClonedNode(id);\n      const parentID = node.parentID;\n\n      nodes.delete(id);\n\n      if
(!nodes.has(parentID)) {\n        // No-op\n      } else {\n        const parentNode =
getClonedNode(parentID);\n\n        if (__DEBUG__) {\n          debug('Remove', `fiber ${id} from parent
${parentID}`);\n        }\n\n        parentNode.children = parentNode.children.filter(\n          childID => childID
!== id,\n          );\n      }\n    }\n\n    break;\n  }\n  case TREE_OPERATION_REMOVE_ROOT: {\n
throw Error('Operation REMOVE_ROOT is not supported while profiling.);\n  }\n  case
TREE_OPERATION_REORDER_CHILDREN: {\n    id = ((operations[i + 1]: any): number);\n    const

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numChildren = ((operations[i + 2]: any): number);\n    const children = ((operations.slice(\n        i + 3,\n        i +
3 + numChildren,\n        ): any): Array<number>);\n\n    i = i + 3 + numChildren;\n\n    if (__DEBUG__) {\n        debug('Re-order', `fiber ${id} children ${children.join(',')}`);\n    }\n\n    const node = getClonedNode(id);\n    node.children = Array.from(children);\n\n    break;\n  }\n  case
TREE_OPERATION_SET_SUBTREE_MODE: {\n    id = operations[i + 1];\n    const mode = operations[i +
1];\n\n    i += 3;\n\n    if (__DEBUG__) {\n        debug('Subtree mode', `Subtree with root ${id} set to mode
${mode}`);\n    }\n    break;\n  }\n  case TREE_OPERATION_UPDATE_TREE_BASE_DURATION:
{\n    id = operations[i + 1];\n\n    const node = getClonedNode(id);\n    node.treeBaseDuration = operations[i
+ 2] / 1000; // Convert microseconds back to milliseconds;\n\n    if (__DEBUG__) {\n        debug(\n
'Update',\n        `fiber ${id} treeBaseDuration to ${node.treeBaseDuration}`, \n        );\n    }\n\n    i += 3;\n
break;\n  }\n  case TREE_OPERATION_UPDATE_ERRORS_OR_WARNINGS: {\n    id = operations[i +
1];\n\n    const numErrors = operations[i + 2];\n    const numWarnings = operations[i + 3];\n\n    i += 4;\n\n
if (__DEBUG__) {\n        debug(\n            'Warnings and Errors update',\n            `fiber ${id} has ${numErrors}
errors and ${numWarnings} warnings`, \n            );\n    }\n    break;\n  }\n  default:\n    throw
Error(`Unsupported Bridge operation "${operation}"`);\n  }\n  }\n  return {\n    nodes,\n    rootID:
commitTree.rootID,\n  };\n}\n\nexport function invalidateCommitTrees(): void {\n
rootToCommitTreeMap.clear();\n}\n\n// DEBUG\nconst __printTree = (commitTree: CommitTree) => {\n  if
(__DEBUG__) {\n    const {nodes, rootID} = commitTree;\n    console.group('__printTree()');\n    const queue =
[rootID, 0];\n    while (queue.length > 0) {\n      const id = queue.shift();\n      const depth = queue.shift();\n\n
const node = nodes.get(id);\n      if (node == null) {\n        throw Error(`Could not find node with id "${id}" in
commit tree`);\n      }\n\n      console.log(\n        `${'•'.repeat(depth)}${node.id}:${node.displayName || ''} ${\n
node.key ? `key:"${node.key}"` : ""} (${node.treeBaseDuration})`, \n        );\n\n      node.children.forEach(childID => {\n        queue.push(childID, depth + 1);\n      });\n    }\n    console.groupEnd();\n  }\n};\n", "/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT
license found in the\n * LICENSE file in the root directory of this source tree.\n * @flow\n */\n\nimport
{formatDuration} from './utils';\nimport ProfilerStore from 'react-devtools-
shared/src/devtools/ProfilerStore';\n\nimport type {CommitTree} from './types';\n\nexport type ChartNode = {\n  actualDuration: number,\n  didRender: boolean,\n  id: number,\n  label: string,\n  name: string,\n  offset: number,\n  selfDuration: number,\n  treeBaseDuration: number,\n};\n\nexport type ChartData = {\n  baseDuration: number,\n  depth: number,\n  idToDepthMap: Map<number, number>,\n  maxSelfDuration: number,\n  renderPathNodes:
Set<number>,\n  rows: Array<Array<ChartNode>>,\n};\n\nconst cachedChartData: Map<string, ChartData> = new
Map();\n\nexport function getChartData({\n  commitIndex,\n  commitTree,\n  profilerStore,\n  rootID,\n}): {\n  commitIndex: number,\n  commitTree: CommitTree,\n  profilerStore: ProfilerStore,\n  rootID: number,\n}):
ChartData {\n  const commitDatum = profilerStore.getCommitData(rootID, commitIndex);\n\n  const
{fiberActualDurations, fiberSelfDurations} = commitDatum;\n  const {nodes} = commitTree;\n\n  const
chartDataKey = `${rootID}-${commitIndex}`;\n  if (cachedChartData.has(chartDataKey)) {\n    return
((cachedChartData.get(chartDataKey): any): ChartData);\n  }\n\n  const idToDepthMap: Map<number, number> =
new Map();\n  const renderPathNodes: Set<number> = new Set();\n  const rows: Array<Array<ChartNode>> =
[];\n\n  let maxDepth = 0;\n  let maxSelfDuration = 0;\n\n  // Generate flame graph structure using tree base
durations.\n  const walkTree = (id: number, rightOffset: number, currentDepth: number) => {\n
idToDepthMap.set(id, currentDepth);\n\n  const node = nodes.get(id);\n  if (node == null) {\n    throw
Error(`Could not find node with id "${id}" in commit tree`);\n  }\n\n  const {\n    children,\n    displayName,\n    hocDisplayNames,\n    key,\n    treeBaseDuration,\n  } = node;\n\n  const actualDuration =
fiberActualDurations.get(id) || 0;\n  const selfDuration = fiberSelfDurations.get(id) || 0;\n  const didRender =
fiberActualDurations.has(id);\n\n  const name = displayName || 'Anonymous';\n  const maybeKey = key !== null
? `key="${key}"` : "";\n\n  let maybeBadge = "";\n  if (hocDisplayNames !== null && hocDisplayNames.length
> 0) {\n    maybeBadge = ` (${hocDisplayNames[0]})`;\n  }\n\n  let label =
`${name}${maybeBadge}${maybeKey}`;\n  if (didRender) {\n    label += ` (${formatDuration(selfDuration)})ms

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of ${formatDuration(\n    actualDuration,\n    )ms}`;\n }\n\n    maxDepth = Math.max(maxDepth,
currentDepth);\n    maxSelfDuration = Math.max(maxSelfDuration, selfDuration);\n\n    const chartNode:
ChartNode = {\n    actualDuration,\n    didRender,\n    id,\n    label,\n    name,\n    offset: rightOffset -
treeBaseDuration,\n    selfDuration,\n    treeBaseDuration,\n    };\n\n    if (currentDepth > rows.length) {\n
rows.push([chartNode]);\n    } else {\n    rows[currentDepth - 1].push(chartNode);\n    }\n\n    for (let i =
children.length - 1; i >= 0; i--) {\n    const childID = children[i];\n    const childChartNode = walkTree(childID,
rightOffset, currentDepth + 1);\n    rightOffset -= childChartNode.treeBaseDuration;\n    }\n\n    return
chartNode;\n    };\n\n    let baseDuration = 0;\n\n    // Special case to handle unmounted roots.\n    if (nodes.size > 0) {\n
// Skip over the root; we don't want to show it in the flamegraph.\n    const root = nodes.get(rootID);\n    if (root ==
null) {\n    throw Error(\n    `Could not find root node with id \"${rootID}\" in commit tree`,\n    );\n    }\n\n    //
Don't assume a single root.\n    // Component filters or Fragments might lead to multiple \"roots\" in a flame graph.\n
for (let i = root.children.length - 1; i >= 0; i--) {\n    const id = root.children[i];\n    const node = nodes.get(id);\n
    if (node == null) {\n    throw Error(`Could not find node with id \"${id}\" in commit tree`);\n    }\n
    baseDuration += node.treeBaseDuration;\n    walkTree(id, baseDuration, 1);\n    }\n\n    fiberActualDurations.forEach((duration, id) => {\n    let node = nodes.get(id);\n    if (node != null) {\n    let
currentID = node.parentID;\n    while (currentID !== 0) {\n    if (renderPathNodes.has(currentID)) {\n
// We've already walked this path; we can skip it.\n    break;\n    } else {\n
renderPathNodes.add(currentID);\n    }\n\n    node = nodes.get(currentID);\n    currentID = node != null ?
node.parentID : 0;\n    }\n    }\n    });\n\n    const chartData = {\n    baseDuration,\n    depth: maxDepth,\n
idToDepthMap,\n    maxSelfDuration,\n    renderPathNodes,\n    rows,\n    };\n\n    cachedChartData.set(chartDataKey,
chartData);\n\n    return chartData;\n    }\n\n    next export function invalidateChartData(): void {\n
cachedChartData.clear();\n    }\n\n    /**\n    * Copyright (c) Facebook, Inc. and its affiliates.\n    *\n    * This source code is
licensed under the MIT license found in the\n    * LICENSE file in the root directory of this source tree.\n    *\n    *
@flow\n    */\n\n    import {\n    ElementTypeForwardRef,\n    ElementTypeMemo,\n    } from 'react-devtools-
shared/src/types';\n    import {formatDuration} from './utils';\n    import ProfilerStore from 'react-devtools-
shared/src/devtools/ProfilerStore';\n\n    import type {CommitTree} from './types';\n\n    export type ChartNode = {\n    id:
number,\n    label: string,\n    name: string,\n    value: number,\n    };\n\n    export type ChartData = {\n    maxVale:
number,\n    nodes: Array<ChartNode>,\n    };\n\n    const cachedChartData: Map<string, ChartData> = new
Map();\n\n    export function getChartData({\n    commitIndex,\n    commitTree,\n    profilerStore,\n    rootID,\n    }): {\n    commitIndex: number,\n    commitTree: CommitTree,\n    profilerStore: ProfilerStore,\n    rootID: number,\n    }:\n    ChartData {\n    const commitDatum = profilerStore.getCommitData(rootID, commitIndex);\n\n    const
{fiberActualDurations, fiberSelfDurations} = commitDatum;\n    const {nodes} = commitTree;\n\n    const
chartDataKey = `${rootID}-${commitIndex}`;\n    if (cachedChartData.has(chartDataKey)) {\n    return
((cachedChartData.get(chartDataKey): any): ChartData);\n    }\n\n    let maxSelfDuration = 0;\n\n    const chartNodes:
Array<ChartNode> = [];\n    fiberActualDurations.forEach((actualDuration, id) => {\n    const node =
nodes.get(id);\n\n    if (node == null) {\n    throw Error(`Could not find node with id \"${id}\" in commit tree`);\n
}\n\n    const {displayName, key, parentID, type} = node;\n\n    // Don't show the root node in this chart.\n    if
(parentID === 0) {\n    return;\n    }\n\n    const selfDuration = fiberSelfDurations.get(id) || 0;\n    maxSelfDuration =
Math.max(maxSelfDuration, selfDuration);\n\n    const name = displayName || 'Anonymous';\n    const maybeKey =
key !== null ? `key=${key}` : '';\n\n    let maybeBadge = '';\n    if (type === ElementTypeForwardRef) {\n
maybeBadge = '(ForwardRef)';\n    } else if (type === ElementTypeMemo) {\n    maybeBadge = '(Memo)';\n    }\n\n    const label = `${name}${maybeBadge}${maybeKey} (${formatDuration(\n    selfDuration,\n    )ms}`;\n
chartNodes.push({\n    id,\n    label,\n    name,\n    value: selfDuration,\n    });\n    }\n\n    const chartData = {\n
maxVale: maxSelfDuration,\n    nodes: chartNodes.sort((a, b) => b.value - a.value),\n    };\n\n    cachedChartData.set(chartDataKey, chartData);\n\n    return chartData;\n    }\n\n    next export function invalidateChartData():
void {\n    cachedChartData.clear();\n    }\n\n    /**\n    * Copyright (c) Facebook, Inc. and its affiliates.\n    *\n    * This source
code is licensed under the MIT license found in the\n    * LICENSE file in the root directory of this source tree.\n    *\n    *
@flow\n    */\n\n    import ProfilerStore from './ProfilerStore';\n    import {\n    getCommitTree,\n

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invalidateCommitTrees,\n } from 'react-devtools-shared/src/devtools/views/Profiler/CommitTreeBuilder';\nimport
{\n getChartData as getFlamegraphChartData,\n invalidateChartData as invalidateFlamegraphChartData,\n } from
'react-devtools-shared/src/devtools/views/Profiler/FlamegraphChartBuilder';\nimport {\n getChartData as
getRankedChartData,\n invalidateChartData as invalidateRankedChartData,\n } from 'react-devtools-
shared/src/devtools/views/Profiler/RankedChartBuilder';\n\nimport type {CommitTree} from 'react-devtools-
shared/src/devtools/views/Profiler/types';\nimport type {ChartData as FlamegraphChartData} from 'react-devtools-
shared/src/devtools/views/Profiler/FlamegraphChartBuilder';\nimport type {ChartData as RankedChartData} from
'react-devtools-shared/src/devtools/views/Profiler/RankedChartBuilder';\n\nexport default class ProfilingCache {\n
_fiberCommits: Map<number, Array<number>> = new Map();\n _profilerStore: ProfilerStore;\n\n constructor(profilerStore: ProfilerStore) {\n
this._profilerStore = profilerStore;\n }\n\n getCommitTree = ({\n
commitIndex,\n rootID,\n }: {\n commitIndex: number,\n rootID: number,\n }) =>\n getCommitTree({\n
commitIndex,\n profilerStore: this._profilerStore,\n rootID,\n });\n\n getFiberCommits = ({\n
fiberID,\n rootID,\n }: {\n fiberID: number,\n rootID: number,\n }): Array<number> => {\n const
cachedFiberCommits = this._fiberCommits.get(fiberID);\n if (cachedFiberCommits != null) {\n return
cachedFiberCommits;\n }\n\n const fiberCommits = [];\n const dataForRoot =
this._profilerStore.getDataForRoot(rootID);\n dataForRoot.commitData.forEach((commitDatum, commitIndex)
=> {\n if (commitDatum.fiberActualDurations.has(fiberID)) {\n fiberCommits.push(commitIndex);\n }
});\n\n this._fiberCommits.set(fiberID, fiberCommits);\n\n return fiberCommits;\n });\n\n
getFlamegraphChartData = ({\n commitIndex,\n commitTree,\n rootID,\n }: {\n commitIndex: number,\n
commitTree: CommitTree,\n rootID: number,\n }): FlamegraphChartData =>\n getFlamegraphChartData({\n
commitIndex,\n commitTree,\n profilerStore: this._profilerStore,\n rootID,\n });\n\n
getRankedChartData = ({\n commitIndex,\n commitTree,\n rootID,\n }: {\n commitIndex: number,\n
commitTree: CommitTree,\n rootID: number,\n }): RankedChartData =>\n getRankedChartData({\n
commitIndex,\n commitTree,\n profilerStore: this._profilerStore,\n rootID,\n });\n\n invalidate() {\n
this._fiberCommits.clear();\n invalidateCommitTrees();\n invalidateFlamegraphChartData();\n
invalidateRankedChartData();\n }\n\n\n /**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source
code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n */
\n * @flow\n */\n\nimport EventEmitter from './events';\nimport
{prepareProfilingDataFrontendFromBackendAndStore} from './views/Profiler/Utils';\nimport ProfilingCache from
'./ProfilingCache';\nimport Store from './store';\nimport type {FrontendBridge} from 'react-devtools-
shared/src/bridge';\nimport type {ProfilingDataBackend} from 'react-devtools-shared/src/backend/types';\nimport
type {\n CommitDataFrontend,\n ProfilingDataForRootFrontend,\n ProfilingDataFrontend,\n SnapshotNode,\n }
from './views/Profiler/types';\n\nexport default class ProfilerStore extends EventEmitter<{\n isProcessingData: [],\n
isProfiling: [],\n profilingData: [],\n}> {\n _bridge: FrontendBridge;\n\n // Suspense cache for lazily calculating
derived profiling data.\n _cache: ProfilingCache;\n\n // Temporary store of profiling data from the backend
renderer(s).\n // This data will be converted to the ProfilingDataFrontend format after being collected from all
renderers.\n _dataBackends: Array<ProfilingDataBackend> = [];\n\n // Data from the most recently completed
profiling session,\n // or data that has been imported from a previously exported session.\n // This object contains
all necessary data to drive the Profiler UI interface,\n // even though some of it is lazily parsed/derived via the
ProfilingCache.\n _dataFrontend: ProfilingDataFrontend | null = null;\n\n // Snapshot of all attached renderer
IDs.\n // Once profiling is finished, this snapshot will be used to query renderers for profiling data.\n //\n // This
map is initialized when profiling starts and updated when a new root is added while profiling;\n // Upon completion,
it is converted into the exportable ProfilingDataFrontend format.\n _initialRendererIDs: Set<number> = new
Set();\n\n // Snapshot of the state of the main Store (including all roots) when profiling started.\n // Once profiling
is finished, this snapshot can be used along with "operations" messages emitted during profiling,\n // to reconstruct
the state of each root for each commit.\n // It's okay to use a single root to store this information because node IDs
are unique across all roots.\n //\n // This map is initialized when profiling starts and updated when a new root is
added while profiling;\n // Upon completion, it is converted into the exportable ProfilingDataFrontend format.\n

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_initialSnapshotsByRootID: Map<number, Map<number, SnapshotNode>> = new Map();\n\n // Map of root (id) to
a list of tree mutation that occur during profiling.\n // Once profiling is finished, these mutations can be used, along
with the initial tree snapshots,\n // to reconstruct the state of each root for each commit.\n //\n // This map is only
updated while profiling is in progress;\n // Upon completion, it is converted into the exportable
ProfilingDataFrontend format.\n _inProgressOperationsByRootID: Map<number, Array<Array<number>>> = new
Map();\n\n // The backend is currently profiling.\n // When profiling is in progress, operations are stored so that we
can later reconstruct past commit trees.\n _isProfiling: boolean = false;\n\n // Tracks whether a specific renderer
logged any profiling data during the most recent session.\n _rendererIDsThatReportedProfilingData: Set<number>
= new Set();\n\n // After profiling, data is requested from each attached renderer using this queue.\n // So long as
this queue is not empty, the store is retrieving and processing profiling data from the backend.\n _rendererQueue:
Set<number> = new Set();\n\n _store: Store;\n\n constructor(\n   bridge: FrontendBridge,\n   store: Store,\n   defaultIsProfiling: boolean,\n ) {\n   super();\n\n   this._bridge = bridge;\n   this._isProfiling =
defaultIsProfiling;\n   this._store = store;\n\n   bridge.addListener('operations', this.onBridgeOperations);\n
   bridge.addListener('profilingData', this.onBridgeProfilingData);\n   bridge.addListener('profilingStatus',
this.onProfilingStatus);\n   bridge.addListener('shutdown', this.onBridgeShutdown);\n\n   // It's possible that
profiling has already started (e.g. "reload and start profiling")\n   // so the frontend needs to ask the backend for its
status after mounting.\n   bridge.send('getProfilingStatus');\n\n   this._cache = new ProfilingCache(this);\n }
\n\n getCommitData(rootID: number, commitIndex: number): CommitDataFrontend {\n   if (this._dataFrontend !==
null) {\n     const dataForRoot = this._dataFrontend.dataForRoots.get(rootID);\n     if (dataForRoot !== null) {\n
       const commitDatum = dataForRoot.commitData[commitIndex];\n       if (commitDatum !== null) {\n         return
commitDatum;\n       }\n     }\n   }\n\n   throw Error(`Could not find commit data for root "${rootID}" and
commit "${commitIndex}"`);\n }\n\n getDataForRoot(rootID: number): ProfilingDataForRootFrontend {\n   if
(this._dataFrontend !== null) {\n     const dataForRoot = this._dataFrontend.dataForRoots.get(rootID);\n     if
(dataForRoot !== null) {\n       return dataForRoot;\n     }\n   }\n\n   throw Error(`Could not find commit data for
root "${rootID}"`);\n }\n\n // Profiling data has been recorded for at least one root.\n get didRecordCommits():
boolean {\n   return (\n     this._dataFrontend !== null && this._dataFrontend.dataForRoots.size > 0\n   );\n }\n\n
get isProcessingData(): boolean {\n   return this._rendererQueue.size > 0 || this._dataBackends.length > 0;\n }\n\n
get isProfiling(): boolean {\n   return this._isProfiling;\n }\n\n get profilingCache(): ProfilingCache {\n   return
this._cache;\n }\n\n get profilingData(): ProfilingDataFrontend | null {\n   return this._dataFrontend;\n }\n\n set
profilingData(value: ProfilingDataFrontend | null): void {\n   if (this._isProfiling) {\n     console.warn(`
Profiling data cannot be updated while profiling is in progress.`);\n     return;\n   }\n\n   this._dataBackends.splice(0);\n   this._dataFrontend = value;\n   this._initialRendererIDs.clear();\n
   this._initialSnapshotsByRootID.clear();\n   this._inProgressOperationsByRootID.clear();\n\n   this._cache.invalidate();\n   this.emit('profilingData');\n }\n\n clear(): void {\n   this._dataBackends.splice(0);\n
   this._dataFrontend = null;\n   this._initialRendererIDs.clear();\n   this._initialSnapshotsByRootID.clear();\n
   this._inProgressOperationsByRootID.clear();\n   this._rendererQueue.clear();\n\n   // Invalidate suspense cache if
profiling data is being (re-)recorded.\n   // Note that we clear now because any existing data is "stale".\n
   this._cache.invalidate();\n   this.emit('profilingData');\n }\n\n startProfiling(): void {\n   this._bridge.send('startProfiling', this._store.recordChangeDescriptions);\n\n   // Don't actually update the local
profiling boolean yet!\n   // Wait for onProfilingStatus() to confirm the status has changed.\n   // This ensures the
frontend and backend are in sync wrt which commits were profiled.\n   // We do this to avoid mismatches on e.g.
CommitTreeBuilder that would cause errors.\n }\n\n stopProfiling(): void {\n   this._bridge.send('stopProfiling');\n\n   // Don't actually update the local profiling boolean yet!\n   // Wait for
onProfilingStatus() to confirm the status has changed.\n   // This ensures the frontend and backend are in sync wrt
which commits were profiled.\n   // We do this to avoid mismatches on e.g. CommitTreeBuilder that would cause
errors.\n }\n\n _takeProfilingSnapshotRecursive = (\n   elementID: number,\n   profilingSnapshots: Map<number,
SnapshotNode>,\n ) => {\n   const element = this._store.getElementByID(elementID);\n   if (element !== null) {\n
     const snapshotNode: SnapshotNode = {\n       id: elementID,\n       children: element.children.slice(0),\n

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displayName: element.displayName,\n    hocDisplayNames: element.hocDisplayNames,\n    key:\n    element.key,\n    type: element.type,\n  };\n  profilingSnapshots.set(elementID, snapshotNode);\n  element.children.forEach(childID =>\n    this._takeProfilingSnapshotRecursive(childID, profilingSnapshots);\n  );\n  }\n  };\n  onBridgeOperations = (operations: Array<number>) => {\n    // The first two values are always\n    rendererID and rootID\n    const rendererID = operations[0];\n    const rootID = operations[1];\n\n    if\n    (this._isProfiling) {\n      let profilingOperations = this._inProgressOperationsByRootID.get(rootID);\n      if\n      (profilingOperations == null) {\n        profilingOperations = [operations];\n        this._inProgressOperationsByRootID.set(rootID, profilingOperations);\n      } else {\n        profilingOperations.push(operations);\n      }\n\n      if (!this._initialRendererIDs.has(rendererID)) {\n        this._initialRendererIDs.add(rendererID);\n      }\n\n      if (!this._initialSnapshotsByRootID.has(rootID)) {\n        this._initialSnapshotsByRootID.set(rootID, new Map());\n      }\n\n      this._rendererIDsThatReportedProfilingData.add(rendererID);\n    };\n\n    onBridgeProfilingData =\n    (dataBackend: ProfilingDataBackend) => {\n      if (this._isProfiling) {\n        // This should never happen, but if it\n        does- ignore previous profiling data.\n        return;\n      }\n\n      const {rendererID} = dataBackend;\n\n      if\n      (!this._rendererQueue.has(rendererID)) {\n        throw Error(\n          `Unexpected profiling data update from renderer\n          \`${rendererID}\`.\n          `);\n      }\n\n      this._dataBackends.push(dataBackend);\n      this._rendererQueue.delete(rendererID);\n\n      if (this._rendererQueue.size === 0) {\n        this._dataFrontend =\n        prepareProfilingDataFrontendFromBackendAndStore(\n          this._dataBackends,\n          this._inProgressOperationsByRootID,\n          this._initialSnapshotsByRootID,\n          );\n\n        this._dataBackends.splice(0);\n\n        this.emit('isProcessingData');\n      };\n\n      onBridgeShutdown = () => {\n        this._bridge.removeListener('operations', this.onBridgeOperations);\n        this._bridge.removeListener('profilingData',\n        this.onBridgeProfilingData);\n        this._bridge.removeListener('profilingStatus', this.onProfilingStatus);\n        this._bridge.removeListener('shutdown', this.onBridgeShutdown);\n      };\n\n      onProfilingStatus = (isProfiling:\n      boolean) => {\n        if (isProfiling) {\n          this._dataBackends.splice(0);\n          this._dataFrontend = null;\n          this._initialRendererIDs.clear();\n          this._initialSnapshotsByRootID.clear();\n          this._inProgressOperationsByRootID.clear();\n          this._rendererIDsThatReportedProfilingData.clear();\n          this._rendererQueue.clear();\n\n          // Record all renderer IDs initially too (in case of unmount)\n          // eslint-disable-next-line no-for-of-loops/no-for-of-loops\n          for (const rendererID of this._store.rootIDToRendererID.values()) {\n            if (!this._initialRendererIDs.has(rendererID)) {\n              this._initialRendererIDs.add(rendererID);\n            }\n          }\n\n          // Record snapshot of tree at the time profiling is started.\n          // This info is required to handle cases of e.g.\n          nodes being removed during profiling.\n          this._store.roots.forEach(rootID => {\n            const profilingSnapshots =\n            new Map();\n            this._initialSnapshotsByRootID.set(rootID, profilingSnapshots);\n            this._takeProfilingSnapshotRecursive(rootID, profilingSnapshots);\n          });\n\n          if (this._isProfiling !==\n          isProfiling) {\n            this._isProfiling = isProfiling;\n\n            // Invalidate suspense cache if profiling data is being (re-)\n            recorded.\n            // Note that we clear again, in case any views read from the cache while profiling.\n            // (That\n            would have resolved a now-stale value without any profiling data.)\n            this._cache.invalidate();\n\n            this.emit('isProfiling');\n\n            // If we've just finished a profiling session, we need to fetch data stored in each\n            renderer interface\n            // and re-assemble it on the front-end into a format (ProfilingDataFrontend) that can power\n            the Profiler UI.\n            // During this time, DevTools UI should probably not be interactive.\n            if (!isProfiling) {\n              this._dataBackends.splice(0);\n              this._rendererQueue.clear();\n\n              // Only request data from renderers that\n              actually logged it.\n              // This avoids unnecessary bridge requests and also avoids edge case mixed renderer\n              bugs.\n              // (e.g. when v15 and v16 are both present)\n\n              this._rendererIDsThatReportedProfilingData.forEach(rendererID => {\n                if\n                (!this._rendererQueue.has(rendererID)) {\n                  this._rendererQueue.add(rendererID);\n                }\n                this._bridge.send('getProfilingData', {rendererID});\n              });\n\n              this.emit('isProcessingData');\n            }\n          }\n        };\n      };\n    };\n  };\n  };\n  };\n  }\n\n  /**\n   * Copyright (c) Facebook, Inc. and its affiliates.\n   *\n   * This source code is licensed under\n   * the MIT license found in the\n   * LICENSE file in the root directory of this source tree.\n   *\n   * @flow\n   *\n   * \n   */\n  import EventEmitter from './events';\n  import {inspect} from 'util';\n  import {\n    TREE_OPERATION_ADD,\n
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TREE_OPERATION_REMOVE,\n TREE_OPERATION_REMOVE_ROOT,\n
TREE_OPERATION_REORDER_CHILDREN,\n TREE_OPERATION_SET_SUBTREE_MODE,\n
TREE_OPERATION_UPDATE_ERRORS_OR_WARNINGS,\n
TREE_OPERATION_UPDATE_TREE_BASE_DURATION,\n} from './constants';\nimport {ElementTypeRoot}
from './types';\nimport {\n  getSavesComponentFilters,\n  saveComponentFilters,\n  separateDisplayNameAndHOCs,\n  shallowDiffers,\n  utfDecodeString,\n} from './utils';\nimport
{localStorageGetItem, localStorageSetItem} from './storage';\nimport {__DEBUG__} from './constants';\nimport
{printStore} from './utils';\nimport ProfilerStore from './ProfilerStore';\nimport {\n  BRIDGE_PROTOCOL,\n  currentBridgeProtocol,\n} from 'react-devtools-shared/src/bridge';\nimport {StrictMode} from 'react-devtools-
shared/src/types';\n\nimport type {Element} from './views/Components/types';\nimport type {ComponentFilter,
ElementType} from './types';\nimport type {\n  FrontendBridge,\n  BridgeProtocol,\n} from 'react-devtools-
shared/src/bridge';\n\nconst debug = (methodName, ...args) => {\n  if (__DEBUG__) {\n    console.log(\n
`%cStore %c${methodName}`, \n    'color: green; font-weight: bold;', \n    'font-weight: bold;', \n    ...args, \n  );\n
}\n};\n\nconst LOCAL_STORAGE_COLLAPSE_ROOTS_BY_DEFAULT_KEY =\n
'React::DevTools::collapseNodesByDefault';\n\nconst
LOCAL_STORAGE_RECORD_CHANGE_DESCRIPTIONS_KEY =\n
'React::DevTools::recordChangeDescriptions';\n\ntype ErrorAndWarningTuples = Array<{\n  id: number, index:
number}>;\n\ntype Config = {\n  checkBridgeProtocolCompatibility?: boolean,\n  isProfiling?: boolean,\n  supportsNativeInspection?: boolean,\n  supportsProfiling?: boolean,\n  supportsReloadAndProfile?: boolean,\n  supportsTimeline?: boolean,\n  supportsTraceUpdates?: boolean,\n};\n\nexport type Capabilities = {\n
  hasOwnerMetadata: boolean,\n  supportsProfiling: boolean,\n  supportsStrictMode: boolean,\n};\n\n/**\n * The
store is the single source of truth for updates from the backend.\n * ContextProviders can subscribe to the Store for
specific things they want to provide.\n */\n\nexport default class Store extends EventEmitter<{\n
  collapseNodesByDefault: [],\n  componentFilters: [],\n  error: [Error],\n  mutated: [[Array<number>, Map<number,
number>]],\n  recordChangeDescriptions: [],\n  roots: [],\n  supportsNativeStyleEditor: [],\n  supportsProfiling: [],\n
  supportsReloadAndProfile: [],\n  unsupportedBridgeProtocolDetected: [],\n  unsupportedRendererVersionDetected:
[],\n]> {\n  _bridge: FrontendBridge;\n\n  // Computed whenever _errorsAndWarnings Map changes.\n
  _cachedErrorCount: number = 0;\n  _cachedWarningCount: number = 0;\n  _cachedErrorAndWarningTuples:
ErrorAndWarningTuples | null = null;\n\n  // Should new nodes be collapsed by default when added to the tree?\n
  _collapseNodesByDefault: boolean = true;\n\n  _componentFilters: Array<ComponentFilter>;\n\n  // Map of ID to
number of recorded error and warning message IDs.\n  _errorsAndWarnings: Map<\n  number,\n  {errorCount:
number, warningCount: number}>,\n  > = new Map();\n\n  // At least one of the injected renderers contains (DEV
only) owner metadata.\n  _hasOwnerMetadata: boolean = false;\n\n  // Map of ID to (mutable) Element.\n  //
Elements are mutated to avoid excessive cloning during tree updates.\n  // The InspectedElement Suspense cache
also relies on this mutability for its WeakMap usage.\n  _idToElement: Map<number, Element> = new Map();\n\n
  // Should the React Native style editor panel be shown?\n  _isNativeStyleEditorSupported: boolean = false;\n\n
  // Can the backend use the Storage API (e.g. localStorage)?\n  // If not, features like reload-and-profile will not
work correctly and must be disabled.\n  _isBackendStorageAPISupported: boolean = false;\n\n  // Can DevTools use
sync XHR requests?\n  // If not, features like reload-and-profile will not work correctly and must be disabled.\n
  // This current limitation applies only to web extension builds\n  // and will need to be reconsidered in the
future if we add support for reload to React Native.\n  _isSynchronousXHRSupported: boolean = false;\n\n
  _nativeStyleEditorValidAttributes: $ReadOnlyArray<string> | null = null;\n\n  // Older backends don't support an
explicit bridge protocol,\n  // so we should timeout eventually and show a downgrade message.\n
  _onBridgeProtocolTimeoutID: TimeoutID | null = null;\n\n  // Map of element (id) to the set of elements (ids) it
owns.\n  // This map enables getOwnersListForElement() to avoid traversing the entire tree.\n  _ownersMap:
Map<number, Set<number>> = new Map();\n\n  _profilerStore: ProfilerStore;\n\n  _recordChangeDescriptions:
boolean = false;\n\n  // Incremented each time the store is mutated.\n  // This enables a passive effect to detect a
mutation between render and commit phase.\n  _revision: number = 0;\n\n  // This Array must be treated as

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immutable!\n // Passive effects will check it for changes between render and mount.\n _roots:
$ReadOnlyArray<number> = [];\n\n _rootIDToCapabilities: Map<number, Capabilities> = new Map();\n\n //
Renderer ID is needed to support inspection fiber props, state, and hooks.\n _rootIDToRendererID: Map<number,
number> = new Map();\n\n // These options may be initially set by a configration option when constructing the
Store.\n // In the case of \"supportsProfiling\", the option may be updated based on the injected renderers.\n
_supportsNativeInspection: boolean = true;\n _supportsProfiling: boolean = false;\n _supportsReloadAndProfile:
boolean = false;\n _supportsTimeline: boolean = false;\n _supportsTraceUpdates: boolean = false;\n\n
_unsupportedBridgeProtocol: BridgeProtocol | null = null;\n _unsupportedRendererVersionDetected: boolean =
false;\n\n // Total number of visible elements (within all roots).\n // Used for windowing purposes.\n
_weightAcrossRoots: number = 0;\n\n constructor(bridge: FrontendBridge, config?: Config) {\n super();\n\n if
(__DEBUG__) {\n debug('constructor', 'subscribing to Bridge');\n }\n\n this._collapseNodesByDefault =\n
localStorage.getItem(LOCAL_STORAGE_COLLAPSE_ROOTS_BY_DEFAULT_KEY) ===\n 'true';\n\n
this._recordChangeDescriptions =\n
localStorage.getItem(LOCAL_STORAGE_RECORD_CHANGE_DESCRIPTIONS_KEY) ===\n 'true';\n\n
this._componentFilters = getSavedComponentFilters();\n\n let isProfiling = false;\n if (config != null) {\n
isProfiling = config.isProfiling === true;\n\n const {\n supportsNativeInspection,\n supportsProfiling,\n
supportsReloadAndProfile,\n supportsTimeline,\n supportsTraceUpdates,\n } = config;\n
this._supportsNativeInspection = supportsNativeInspection !== false;\n if (supportsProfiling) {\n
this._supportsProfiling = true;\n }\n if (supportsReloadAndProfile) {\n this._supportsReloadAndProfile =
true;\n }\n if (supportsTimeline) {\n this._supportsTimeline = true;\n }\n if (supportsTraceUpdates)
{\n this._supportsTraceUpdates = true;\n }\n\n this._bridge = bridge;\n
bridge.addListener('operations', this.onBridgeOperations);\n bridge.addListener(\n
'overrideComponentFilters',\n this.onBridgeOverrideComponentFilters,\n );\n bridge.addListener('shutdown',
this.onBridgeShutdown);\n bridge.addListener(\n 'isBackendStorageAPISupported',\n
this.onBackendStorageAPISupported,\n );\n bridge.addListener(\n 'isNativeStyleEditorSupported',\n
this.onBridgeNativeStyleEditorSupported,\n );\n bridge.addListener(\n 'isSynchronousXHRSupported',\n
this.onBridgeSynchronousXHRSupported,\n );\n bridge.addListener(\n 'unsupportedRendererVersion',\n
this.onBridgeUnsupportedRendererVersion,\n );\n\n this._profilerStore = new ProfilerStore(bridge, this,
isProfiling);\n\n // Verify that the frontend version is compatible with the connected backend.\n // See
github.com/facebook/react/issues/21326\n if (config != null && config.checkBridgeProtocolCompatibility) {\n
// Older backends don't support an explicit bridge protocol,\n // so we should timeout eventually and show a
downgrade message.\n this._onBridgeProtocolTimeoutID = setTimeout(\n this.onBridgeProtocolTimeout,\n
10000,\n );\n\n bridge.addListener('bridgeProtocol', this.onBridgeProtocol);\n
bridge.send('getBridgeProtocol');\n }\n }\n\n // This is only used in tests to avoid memory leaks.\n
assertExpectedRootMapSizes() {\n if (this.roots.length === 0) {\n // The only safe time to assert these maps are
empty is when the store is empty.\n this.assertMapSizeMatchesRootCount(this._idToElement, '_idToElement');\n
this.assertMapSizeMatchesRootCount(this._ownersMap, '_ownersMap');\n }\n\n // These maps should always
be the same size as the number of roots\n this.assertMapSizeMatchesRootCount(\n
this._rootIDToCapabilities,\n '_rootIDToCapabilities',\n );\n this.assertMapSizeMatchesRootCount(\n
this._rootIDToRendererID,\n '_rootIDToRendererID',\n );\n }\n\n // This is only used in tests to avoid memory
leaks.\n assertMapSizeMatchesRootCount(map: Map<any, any>, mapName: string) {\n const expectedSize =
this.roots.length;\n if (map.size !== expectedSize) {\n this._throwAndEmitError(\n Error(\n
`Expected ${mapName} to contain ${expectedSize} items, but it contains ${\n map.size\n }
items\n\n${inspect(map, {\n depth: 20,\n })},\n ),\n );\n }\n }\n\n get
collapseNodesByDefault(): boolean {\n return this._collapseNodesByDefault;\n }\n set
collapseNodesByDefault(value: boolean): void {\n this._collapseNodesByDefault = value;\n\n
localStorage.setItem(\n LOCAL_STORAGE_COLLAPSE_ROOTS_BY_DEFAULT_KEY,\n value ? 'true':
'false',\n );\n\n this.emit('collapseNodesByDefault');\n }\n\n get componentFilters(): Array<ComponentFilter>

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{\n  return this._componentFilters;\n }\n set componentFilters(value: Array<ComponentFilter>): void {\n  if
(this._profilerStore.isProfiling) {\n    // Re-mounting a tree while profiling is in progress might break a lot of
assumptions.\n    // If necessary, we could support this- but it doesn't seem like a necessary use case.\n
this._throwAndEmitError(\n    Error('Cannot modify filter preferences while profiling'),\n    );\n  }\n  // Filter
updates are expensive to apply (since they impact the entire tree).\n  // Let's determine if they've changed and avoid
doing this work if they haven't.\n  const prevEnabledComponentFilters = this._componentFilters.filter(\n  filter
=> filter.isEnabled,\n  );\n  const nextEnabledComponentFilters = value.filter(\n  filter => filter.isEnabled,\n
);\n  let haveEnabledFiltersChanged =\n  prevEnabledComponentFilters.length !==
nextEnabledComponentFilters.length;\n  if (!haveEnabledFiltersChanged) {\n    for (let i = 0; i <
nextEnabledComponentFilters.length; i++) {\n      const prevFilter = prevEnabledComponentFilters[i];\n      const
nextFilter = nextEnabledComponentFilters[i];\n      if (shallowDiffers(prevFilter, nextFilter)) {\n
haveEnabledFiltersChanged = true;\n      break;\n    }\n  }\n  }\n  this._componentFilters = value;\n  //
Update persisted filter preferences stored in localStorage.\n  saveComponentFilters(value);\n  // Notify the
renderer that filter preferences have changed.\n  // This is an expensive operation; it unmounts and remounts the
entire tree,\n  // so only do it if the set of enabled component filters has changed.\n  if
(haveEnabledFiltersChanged) {\n    this._bridge.send('updateComponentFilters', value);\n  }\n  this.emit('componentFilters');\n }\n\n get errorCount(): number {\n  return this._cachedErrorCount;\n }\n\n get
hasOwnerMetadata(): boolean {\n  return this._hasOwnerMetadata;\n }\n\n get
nativeStyleEditorValidAttributes(): $ReadOnlyArray<string> | null {\n  return
this._nativeStyleEditorValidAttributes;\n }\n\n get numElements(): number {\n  return
this._weightAcrossRoots;\n }\n\n get profilerStore(): ProfilerStore {\n  return this._profilerStore;\n }\n\n get
recordChangeDescriptions(): boolean {\n  return this._recordChangeDescriptions;\n }\n set
recordChangeDescriptions(value: boolean): void {\n  this._recordChangeDescriptions = value;\n }\n\n
localStorageSetItem(\n  LOCAL_STORAGE_RECORD_CHANGE_DESCRIPTIONS_KEY,\n  value ? 'true' :
'false',\n  );\n  this.emit('recordChangeDescriptions');\n }\n\n get revision(): number {\n  return
this._revision;\n }\n\n get rootIDToRendererID(): Map<number, number> {\n  return
this._rootIDToRendererID;\n }\n\n get roots(): $ReadOnlyArray<number> {\n  return this._roots;\n }\n\n get
supportsNativeInspection(): boolean {\n  return this._supportsNativeInspection;\n }\n\n get
supportsNativeStyleEditor(): boolean {\n  return this._isNativeStyleEditorSupported;\n }\n\n get
supportsProfiling(): boolean {\n  return this._supportsProfiling;\n }\n\n get supportsReloadAndProfile(): boolean
{\n  // Does the DevTools shell support reloading and eagerly injecting the renderer interface?\n  // And if so, can
the backend use the localStorage API and sync XHR?\n  // All of these are currently required for the reload-and-
profile feature to work.\n  return (\n    this._supportsReloadAndProfile &&\n
this._isBackendStorageAPISupported &&\n    this._isSynchronousXHRSupported\n  );\n }\n\n get
supportsTimeline(): boolean {\n  return this._supportsTimeline;\n }\n\n get supportsTraceUpdates(): boolean {\n
return this._supportsTraceUpdates;\n }\n\n get unsupportedBridgeProtocol(): BridgeProtocol | null {\n  return
this._unsupportedBridgeProtocol;\n }\n\n get unsupportedRendererVersionDetected(): boolean {\n  return
this._unsupportedRendererVersionDetected;\n }\n\n get warningCount(): number {\n  return
this._cachedWarningCount;\n }\n\n containsElement(id: number): boolean {\n  return this._idToElement.get(id)
!== null;\n }\n\n getElementAtIndex(index: number): Element | null {\n  if (index < 0 || index >=
this.numElements) {\n    console.warn(\n      `Invalid index ${index} specified; store contains
${this.numElements} items.`\n    );\n    return null;\n  }\n  // Find which root this element is in...\n  let
rootID;\n  let root;\n  let rootWeight = 0;\n  for (let i = 0; i < this._roots.length; i++) {\n    rootID =
this._roots[i];\n    root = ((this._idToElement.get(rootID): any): Element);\n    if (root.children.length === 0) {\n
continue;\n    } else if (rootWeight + root.weight > index) {\n    break;\n    } else {\n    rootWeight +=
root.weight;\n    }\n  }\n  // Find the element in the tree using the weight of each node...\n  // Skip over the
root itself, because roots aren't visible in the Elements tree.\n  let currentElement = ((root: any): Element);\n  let
currentWeight = rootWeight - 1;\n  while (index !== currentWeight) {\n    const numChildren =

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currentElement.children.length;\n    for (let i = 0; i < numChildren; i++) {\n        const childID =
currentElement.children[i];\n        const child = ((this._idToElement.get(childID): any): Element);\n        const
childWeight = child.isCollapsed ? 1 : child.weight;\n        if (index <= currentWeight + childWeight) {\n
currentWeight++;\n            currentElement = child;\n            break;\n        } else {\n            currentWeight +=
childWeight;\n        }\n    }\n    return ((currentElement: any): Element) || null;\n }\n\n
getElementIDAtIndex(index: number): number | null {\n    const element: Element | null =
this.getElementAtIndex(index);\n    return element === null ? null : element.id;\n }\n\n
getElementByID(id: number): Element | null {\n    const element = this._idToElement.get(id);\n    if (element == null) {\n
console.warn(`No element found with id \"${id}\"`);\n        return null;\n    }\n    return element;\n }\n\n // Returns
a tuple of [id, index]\n
getElementsWithErrorsAndWarnings(): Array<{|id: number, index: number|}> {\n    if
(this._cachedErrorAndWarningTuples !== null) {\n        return this._cachedErrorAndWarningTuples;\n    } else {\n
const errorAndWarningTuples: ErrorAndWarningTuples = [];\n\n        this._errorsAndWarnings.forEach((_, id) =>
{\n            const index = this.getIndexOfElementID(id);\n            if (index !== null) {\n                let low = 0;\n                let high
= errorAndWarningTuples.length;\n                while (low < high) {\n                    const mid = (low + high) >> 1;\n                    if
(errorAndWarningTuples[mid].index > index) {\n                        high = mid;\n                    } else {\n                        low = mid + 1;\n                    }\n                }\n                errorAndWarningTuples.splice(low, 0, {id, index});\n            }\n        });\n\n        // Cache for
later (at least until the tree changes again).\n        this._cachedErrorAndWarningTuples =
errorAndWarningTuples;\n    }\n    return errorAndWarningTuples;\n }\n }\n\n
getErrorAndWarningCountForElementID(\n    id: number,\n ): {|errorCount: number, warningCount: number|} {\n
return this._errorsAndWarnings.get(id) || {errorCount: 0, warningCount: 0};\n }\n\n
getIndexOfElementID(id: number): number | null {\n    const element = this.getElementByID(id);\n    if (element === null ||
element.parentID === 0) {\n        return null;\n    }\n\n    // Walk up the tree to the root.\n    // Increment the index by
one for each node we encounter,\n    // and by the weight of all nodes to the left of the current one.\n    // This should
be a relatively fast way of determining the index of a node within the tree.\n    let previousID = id;\n    let currentID
= element.parentID;\n    let index = 0;\n    while (true) {\n        const current = ((this._idToElement.get(currentID):
any): Element);\n        const {children} = current;\n        for (let i = 0; i < children.length; i++) {\n            const childID
= children[i];\n            if (childID === previousID) {\n                break;\n            }\n            const child =
((this._idToElement.get(childID): any): Element);\n            index += child.isCollapsed ? 1 : child.weight;\n        }\n\n
if (current.parentID === 0) {\n            // We found the root; stop crawling.\n            break;\n        }\n        index++;\n\n
previousID = current.id;\n        currentID = current.parentID;\n    }\n\n    // At this point, the current ID is a root (from
the previous loop).\n    // We also need to offset the index by previous root weights.\n    for (let i = 0; i <
this._roots.length; i++) {\n        const rootID = this._roots[i];\n        if (rootID === currentID) {\n            break;\n        }\n
const root = ((this._idToElement.get(rootID): any): Element);\n        index += root.weight;\n    }\n\n    return index;\n }\n\n
getOwnersListForElement(ownerID: number): Array<Element> {\n    const list = [];\n    const element =
this._idToElement.get(ownerID);\n    if (element != null) {\n        list.push({\n            ...element,\n            depth: 0,\n        });\n\n        const unsortedIDs = this._ownersMap.get(ownerID);\n        if (unsortedIDs !== undefined) {\n            const
depthMap: Map<number, number> = new Map([[ownerID, 0]]);\n\n            // Items in a set are ordered based on
insertion.\n            // This does not correlate with their order in the tree.\n            // So first we need to order them.\n            //
I wish we could avoid this sorting operation; we could sort at insertion time,\n            // but then we'd have to pay
sorting costs even if the owners list was never used.\n            // Seems better to defer the cost, since the set of ids is
probably pretty small.\n            const sortedIDs = Array.from(unsortedIDs).sort(\n                (idA, idB) =>\n
((this.getIndexOfElementID(idA): any): number) -\n                ((this.getIndexOfElementID(idB): any): number),\n            );\n\n            // Next we need to determine the appropriate depth for each element in the list.\n            // The depth in the
list may not correspond to the depth in the tree,\n            // because the list has been filtered to remove intermediate
components.\n            // Perhaps the easiest way to do this is to walk up the tree until we reach either:\n            // (1)
another node that's already in the tree, or (2) the root (owner)\n            // at which point, our depth is just the depth of
that node plus one.\n            sortedIDs.forEach(id => {\n                const innerElement = this._idToElement.get(id);\n                if (innerElement != null) {\n                    let parentID = innerElement.parentID;\n                    let depth = 0;\n                    while

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(parentID > 0) {\n      if (parentID === ownerID || unsortedIDs.has(parentID)) {\n          depth =
depthMap.get(parentID) + 1;\n          depthMap.set(id, depth);\n          break;\n      }\n      const
parent = this._idToElement.get(parentID);\n      if (parent == null) {\n          break;\n      }\n      parentID = parent.parentID;\n      }\n      if (depth === 0) {\n
this._throwAndEmitError(Error('Invalid owners list'));\n      }\n      list.push({...innerElement, depth});\n
  }\n  });\n  }\n  }\n  return list;\n  }\n  getRendererIDForElement(id: number): number | null {\n  let
current = this._idToElement.get(id);\n  while (current != null) {\n    if (current.parentID === 0) {\n      const
rendererID = this._rootIDToRendererID.get(current.id);\n      return rendererID == null ? null : rendererID;\n    }
else {\n      current = this._idToElement.get(current.parentID);\n    }\n  }\n  return null;\n  }\n  getRootIDForElement(id: number): number | null {\n  let current = this._idToElement.get(id);\n  while (current !=
null) {\n    if (current.parentID === 0) {\n      return current.id;\n    } else {\n      current =
this._idToElement.get(current.parentID);\n    }\n  }\n  return null;\n  }\n  isInsideCollapsedSubTree(id:
number): boolean {\n  let current = this._idToElement.get(id);\n  while (current != null) {\n    if
(current.parentID === 0) {\n      return false;\n    } else {\n      current =
this._idToElement.get(current.parentID);\n      if (current != null && current.isCollapsed) {\n        return true;\n      }
}\n    }\n  }\n  return false;\n  }\n  // TODO Maybe split this into two methods: expand() and collapse()\n  toggleIsCollapsed(id: number, isCollapsed: boolean): void {\n  let didMutate = false;\n  const element =
this.getElementByID(id);\n  if (element !== null) {\n    if (isCollapsed) {\n      if (element.type ===
ElementTypeRoot) {\n        this._throwAndEmitError(Error('Root nodes cannot be collapsed'));\n      }\n      if
(!element.isCollapsed) {\n        didMutate = true;\n        element.isCollapsed = true;\n        const weightDelta =
1 - element.weight;\n        let parentElement = ((this._idToElement.get(\n          element.parentID,\n        ):
any): Element);\n        while (parentElement != null) {\n          // We don't need to break on a collapsed parent in
the same way as the expand case below.\n          // That's because collapsing a node doesn't \"bubble\" and affect its
parents.\n          parentElement.weight += weightDelta;\n          parentElement =
this._idToElement.get(parentElement.parentID);\n        }\n      } else {\n        let currentElement =
element;\n        while (currentElement != null) {\n          const oldWeight = currentElement.isCollapsed\n          ?
1\n          : currentElement.weight;\n          if (currentElement.isCollapsed) {\n            didMutate = true;\n
currentElement.isCollapsed = false;\n            const newWeight = currentElement.isCollapsed\n            ? 1\n
: currentElement.weight;\n            const weightDelta = newWeight - oldWeight;\n            let parentElement =
((this._idToElement.get(\n              currentElement.parentID,\n            ): any): Element);\n            while
(parentElement != null) {\n              parentElement.weight += weightDelta;\n              if (parentElement.isCollapsed)
{\n                // It's important to break on a collapsed parent when expanding nodes.\n                // That's because
expanding a node \"bubbles\" up and expands all parents as well.\n                // Breaking in this case prevents us
from over-incrementing the expanded weights.\n                break;\n              }\n              parentElement =
this._idToElement.get(parentElement.parentID);\n            }\n          }\n          currentElement =\n
currentElement.parentID !== 0\n          ? this.getElementByID(currentElement.parentID)\n          : null;\n
        }\n      }\n      // Only re-calculate weights and emit an \"update\" event if the store was mutated.\n      if
(didMutate) {\n        let weightAcrossRoots = 0;\n        this._roots.forEach(rootID => {\n          const {weight} =
((this.getElementByID(rootID): any): Element);\n          weightAcrossRoots += weight;\n        });\n        this._weightAcrossRoots = weightAcrossRoots;\n        // The Tree context's search reducer expects an explicit list
of ids for nodes that were added or removed.\n        // In this case, we can pass it empty arrays since nodes in a
collapsed tree are still there (just hidden).\n        // Updating the selected search index later may require auto-
expanding a collapsed subtree though.\n        this.emit('mutated', [], new Map());\n      }\n    }\n  }\n  _adjustParentTreeWeight = (\n    parentElement: Element | null,\n    weightDelta: number,\n  ) => {\n  let
isInsideCollapsedSubTree = false;\n  while (parentElement != null) {\n    parentElement.weight +=
weightDelta;\n    // Additions and deletions within a collapsed subtree should not bubble beyond the collapsed
parent.\n    // Their weight will bubble up when the parent is expanded.\n    if (parentElement.isCollapsed) {\n      isInsideCollapsedSubTree = true;\n      break;\n    }\n    parentElement = ((this._idToElement.get(\n

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parentElement.parentID,\n    ): any): Element);\n    }\n\n    // Additions and deletions within a collapsed subtree
should not affect the overall number of elements.\n    if (!isInsideCollapsedSubTree) {\n
this._weightAcrossRoots += weightDelta;\n    }\n    };\n\n    _recursivelyUpdateSubtree(\n    id: number,\n    callback:
(element: Element) => void,\n    ): void {\n    const element = this._idToElement.get(id);\n    if (element) {\n
callback(element);\n\n    element.children.forEach(child =>\n        this._recursivelyUpdateSubtree(child,
callback),\n    );\n    }\n    }\n\n    onBridgeNativeStyleEditorSupported = ({\n    isSupported,\n    validAttributes,\n    }
: {\n    isSupported: boolean,\n    validAttributes: ?$ReadOnlyArray<string>,\n    }) => {\n
this._isNativeStyleEditorSupported = isSupported;\n    this._nativeStyleEditorValidAttributes = validAttributes ||
null;\n\n    this.emit('supportsNativeStyleEditor');\n    };\n\n    onBridgeOperations = (operations: Array<number>) =>
{\n    if (__DEBUG__) {\n    console.groupCollapsed('onBridgeOperations');\n    debug('onBridgeOperations',
operations.join(','));\n    }\n\n    let haveRootsChanged = false;\n    let haveErrorsOrWarningsChanged = false;\n\n    // The first two values are always rendererID and rootID\n    const rendererID = operations[0];\n\n    const
addedElementIDs: Array<number> = [];\n    // This is a mapping of removed ID -> parent ID:\n    const
removedElementIDs: Map<number, number> = new Map();\n    // We'll use the parent ID to adjust selection if it
gets deleted.\n\n    let i = 2;\n\n    // Reassemble the string table.\n    const stringTable = [\n    null, // ID = 0
corresponds to the null string.\n    ];\n    const stringTableSize = operations[i++];\n    const stringTableEnd = i +
stringTableSize;\n    while (i < stringTableEnd) {\n    const nextLength = operations[i++];\n    const nextString =
utfDecodeString(\n        (operations.slice(i, i + nextLength): any),\n    );\n    stringTable.push(nextString);\n    i
+= nextLength;\n    }\n\n    while (i < operations.length) {\n    const operation = operations[i];\n    switch
(operation) {\n    case TREE_OPERATION_ADD: {\n    const id = ((operations[i + 1]: any): number);\n
const type = ((operations[i + 2]: any): ElementType);\n\n    i += 3;\n\n    if (this._idToElement.has(id)) {\n
this._throwAndEmitError(\n        Error(\n            `Cannot add node \"${id}\" because a node with that id is
already in the Store.`,\n        ),\n    );\n    }\n\n    let ownerID: number = 0;\n    let parentID:
number = ((null: any): number);\n    if (type === ElementTypeRoot) {\n    if (__DEBUG__) {\n
debug('Add', `new root node ${id}`);\n    }\n\n    const isStrictModeCompliant = operations[i] > 0;\n
i++;\n\n    const supportsProfiling = operations[i] > 0;\n    i++;\n\n    const supportsStrictMode =
operations[i] > 0;\n    i++;\n\n    const hasOwnerMetadata = operations[i] > 0;\n    i++;\n\n    this._roots = this._roots.concat(id);\n    this._rootIDToRendererID.set(id, rendererID);\n
this._rootIDToCapabilities.set(id, {\n        hasOwnerMetadata,\n        supportsProfiling,\n
supportsStrictMode,\n    });\n\n    // Not all roots support StrictMode;\n    // don't flag a root as non-
compliant unless it also supports StrictMode.\n    const isStrictModeNonCompliant =\n    !isStrictModeCompliant && supportsStrictMode;\n\n    this._idToElement.set(id, {\n    children: [],\n
depth: -1,\n    displayName: null,\n    hocDisplayNames: null,\n    id,\n    isCollapsed:
false, // Never collapse roots; it would hide the entire tree.\n    isStrictModeNonCompliant,\n    key:
null,\n    ownerID: 0,\n    parentID: 0,\n    type,\n    weight: 0,\n    });\n\n    haveRootsChanged = true;\n    } else {\n    parentID = ((operations[i]: any): number);\n    i++;\n\n    ownerID = ((operations[i]: any): number);\n    i++;\n\n    const displayNameStringID = operations[i];\n
const displayName = stringTable[displayNameStringID];\n    i++;\n\n    const keyStringID =
operations[i];\n    const key = stringTable[keyStringID];\n    i++;\n\n    if (__DEBUG__) {\n
debug(\n        'Add',\n        `node ${id} (${displayName || 'null'}) as child of ${parentID}`,\n    );\n\n    if (!this._idToElement.has(parentID)) {\n    this._throwAndEmitError(\n        Error(\n
            `Cannot add child \"${id}\" to parent \"${parentID}\" because parent node was not found in the Store.`,\n
        ),\n    );\n    }\n\n    const parentElement = ((this._idToElement.get(\n        parentID,\n
): any): Element);\n    parentElement.children.push(id);\n\n    const [\n
displayNameWithoutHOCs,\n    hocDisplayNames,\n    ] =
separateDisplayNameAndHOCs(displayName, type);\n\n    const element: Element = {\n    children: [],\n
depth: parentElement.depth + 1,\n    displayName: displayNameWithoutHOCs,\n
hocDisplayNames,\n    id,\n    isCollapsed: this._collapseNodesByDefault,\n

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isStrictModeNonCompliant: parentElement.isStrictModeNonCompliant,\n        key,\n        ownerID,\n        parentID,\n        type,\n        weight: 1,\n    });\n    this._idToElement.set(id, element);\n    addedElementIDs.push(id);\n    this._adjustParentTreeWeight(parentElement, 1);\n    if (ownerID > 0)\n    {\n        let set = this._ownersMap.get(ownerID);\n        if (set === undefined) {\n            set = new Set();\n            this._ownersMap.set(ownerID, set);\n        }\n        set.add(id);\n    }\n    break;\n}\n    case TREE_OPERATION_REMOVE: {\n        const removeLength = ((operations[i + 1]: any):\nnumber);\n        i += 2;\n        for (let removeIndex = 0; removeIndex < removeLength; removeIndex++) {\n            const id = ((operations[i]: any): number);\n            if (!this._idToElement.has(id)) {\n                this._throwAndEmitError(\n                    Error(\n                        `Cannot remove node \"${id}\" because no matching node\nwas found in the Store.`,\n                    ),\n                );\n                i += 1;\n                const element =\n                ((this._idToElement.get(id): any): Element);\n                const {children, ownerID, parentID, weight} = element;\n                if (children.length > 0) {\n                    this._throwAndEmitError(\n                        Error(`Node \"${id}\" was removed\nbefore its children.`),\n                    );\n                }\n                this._idToElement.delete(id);\n                let parentElement =\n                null;\n                if (parentID === 0) {\n                    if (__DEBUG__) {\n                        debug('Remove', `node ${id} root`);\n                    }\n                    this._roots = this._roots.filter(rootID => rootID !== id);\n                }\n                this._rootIDToRendererID.delete(id);\n                this._rootIDToCapabilities.delete(id);\n                haveRootsChanged = true;\n            } else {\n                if (__DEBUG__) {\n                    debug('Remove', `node ${id}\nfrom parent ${parentID}`);\n                }\n                parentElement = ((this._idToElement.get(parentID): any):\nElement);\n                if (parentElement === undefined) {\n                    this._throwAndEmitError(\n                        Error(\n                            `Cannot remove node \"${id}\" from parent \"${parentID}\" because no matching node was found in the\nStore.`,\n                        ),\n                    );\n                }\n                const index = parentElement.children.indexOf(id);\n                parentElement.children.splice(index, 1);\n                this._adjustParentTreeWeight(parentElement, -\nweight);\n                removedElementIDs.set(id, parentID);\n                this._ownersMap.delete(id);\n                if\n(ownerID > 0) {\n                    const set = this._ownersMap.get(ownerID);\n                    if (set !== undefined) {\n                        set.delete(id);\n                    }\n                }\n                if (this._errorsAndWarnings.has(id)) {\n                    this._errorsAndWarnings.delete(id);\n                    haveErrorsOrWarningsChanged = true;\n                }\n            }\n            break;\n        }\n        case TREE_OPERATION_REMOVE_ROOT: {\n            i += 1;\n            const id =\noperations[1];\n            if (__DEBUG__) {\n                debug(`Remove root ${id}`);\n            }\n            const\nrecursivelyDeleteElements = elementID => {\n                const element = this._idToElement.get(elementID);\n                this._idToElement.delete(elementID);\n                if (element) {\n                    // Mostly for Flow's sake\n                    for (let\nindex = 0; index < element.children.length; index++) {\n                        recursivelyDeleteElements(element.children[index]);\n                    }\n                }\n            }; \n            const root =\n            ((this._idToElement.get(id): any): Element);\n            recursivelyDeleteElements(id);\n            this._rootIDToCapabilities.delete(id);\n            this._rootIDToRendererID.delete(id);\n            this._roots =\n            this._roots.filter(rootID => rootID !== id);\n            this._weightAcrossRoots -= root.weight;\n            break;\n        }\n        case TREE_OPERATION_REORDER_CHILDREN: {\n            const id = ((operations[i + 1]: any): number);\n            const numChildren = ((operations[i + 2]: any): number);\n            i += 3;\n            if (!this._idToElement.has(id))\n            {\n                this._throwAndEmitError(\n                    Error(\n                        `Cannot reorder children for node \"${id}\" because no matching node was found in the Store.`,\n                    ),\n                );\n            }\n            const element =\n            ((this._idToElement.get(id): any): Element);\n            const children = element.children;\n            if (children.length\n!== numChildren) {\n                this._throwAndEmitError(\n                    Error(\n                        `Children cannot be added or\nremoved during a reorder operation.`,\n                    ),\n                );\n                for (let j = 0; j < numChildren; j++)\n                {\n                    const childID = operations[i + j];\n                    children[j] = childID;\n                    if (__DEV__) {\n                        //\n                        This check is more expensive so it's gated by __DEV__.\n                        const childElement =\n                        this._idToElement.get(childID);\n                        if (childElement == null || childElement.parentID !== id) {\n                            console.error(\n                                `Children cannot be added or removed during a reorder operation.`,\n                            );\n                        }\n                    }\n                }\n                i += numChildren;\n                if (__DEBUG__) {\n                    debug('Re-order', `Node\n${id} children ${children.join(',')}`);\n                }\n                break;\n            }\n        case

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TREE_OPERATION_SET_SUBTREE_MODE: {\n      const id = operations[i + 1];\n      const mode =
operations[i + 2];\n\n      i += 3;\n\n      // If elements have already been mounted in this subtree, update them.\n      // (In practice, this likely only applies to the root element.)\n      if (mode === StrictMode) {\n
this._recursivelyUpdateSubtree(id, element => {\n      element.isStrictModeNonCompliant = false;\n
});\n      }\n\n      if (__DEBUG__) {\n      debug(\n      'Subtree mode',\n      `Subtree with root
${id} set to mode ${mode}`,\n      );\n      }\n      break;\n      }\n      case
TREE_OPERATION_UPDATE_TREE_BASE_DURATION:\n      // Base duration updates are only sent while
profiling is in progress.\n      // We can ignore them at this point.\n      // The profiler UI uses them lazily in
order to generate the tree.\n      i += 3;\n      break;\n      case
TREE_OPERATION_UPDATE_ERRORS_OR_WARNINGS:\n      const id = operations[i + 1];\n      const
errorCount = operations[i + 2];\n      const warningCount = operations[i + 3];\n\n      i += 4;\n\n      if
(errorCount > 0 || warningCount > 0) {\n      this._errorsAndWarnings.set(id, {errorCount, warningCount});\n
      } else if (this._errorsAndWarnings.has(id)) {\n      this._errorsAndWarnings.delete(id);\n      }\n
haveErrorsOrWarningsChanged = true;\n      break;\n      default:\n      this._throwAndEmitError(\n
Error(`Unsupported Bridge operation "${operation}"`),\n      );\n      }\n      }\n\n      this._revision++;\n\n      // Any
time the tree changes (e.g. elements added, removed, or reordered) cached indices may be invalid.\n
this._cachedErrorAndWarningTuples = null;\n\n      if (haveErrorsOrWarningsChanged) {\n      let errorCount = 0;\n
      let warningCount = 0;\n\n      this._errorsAndWarnings.forEach(entry => {\n      errorCount +=
entry.errorCount;\n      warningCount += entry.warningCount;\n      });\n\n      this._cachedErrorCount =
errorCount;\n      this._cachedWarningCount = warningCount;\n      }\n\n      if (haveRootsChanged) {\n      const
prevSupportsProfiling = this._supportsProfiling;\n\n      this._hasOwnerMetadata = false;\n\n
this._supportsProfiling = false;\n      this._rootIDToCapabilities.forEach(\n      ({hasOwnerMetadata,
supportsProfiling}) => {\n      if (hasOwnerMetadata) {\n      this._hasOwnerMetadata = true;\n      }\n
      if (supportsProfiling) {\n      this._supportsProfiling = true;\n      }\n      },\n      );\n\n      this.emit('roots');\n\n
      if (this._supportsProfiling !== prevSupportsProfiling) {\n      this.emit('supportsProfiling');\n      }\n      }\n\n      if
(__DEBUG__) {\n      console.log(printStore(this, true));\n      console.groupEnd();\n      }\n\n      this.emit('mutated',
[addedElementIDs, removedElementIDs]);\n      };\n\n      // Certain backends save filters on a per-domain basis.\n      // In
order to prevent filter preferences and applied filters from being out of sync,\n      // this message enables the backend
to override the frontend's current ("saved") filters.\n      // This action should also override the saved filters too,\n      //
else reloading the frontend without reloading the backend would leave things out of sync.\n
onBridgeOverrideComponentFilters = (\n      componentFilters: Array<ComponentFilter>,\n      ) => {\n
this._componentFilters = componentFilters;\n\n      saveComponentFilters(componentFilters);\n      };\n\n
onBridgeShutdown = () => {\n      if (__DEBUG__) {\n      debug('onBridgeShutdown', 'unsubscribing from
Bridge');\n      }\n\n      const bridge = this._bridge;\n      bridge.removeListener('operations', this.onBridgeOperations);\n
      bridge.removeListener(\n      'overrideComponentFilters',\n      this.onBridgeOverrideComponentFilters,\n      );\n
      bridge.removeListener('shutdown', this.onBridgeShutdown);\n      bridge.removeListener(\n
      'isBackendStorageAPISupported',\n      this.onBackendStorageAPISupported,\n      );\n      bridge.removeListener(\n
      'isNativeStyleEditorSupported',\n      this.onBridgeNativeStyleEditorSupported,\n      );\n      bridge.removeListener(\n
      'isSynchronousXHRSupported',\n      this.onBridgeSynchronousXHRSupported,\n      );\n
      bridge.removeListener(\n      'unsupportedRendererVersion',\n      this.onBridgeUnsupportedRendererVersion,\n
      );\n      bridge.removeListener('bridgeProtocol', this.onBridgeProtocol);\n\n      if (this._onBridgeProtocolTimeoutID
!== null) {\n      clearTimeout(this._onBridgeProtocolTimeoutID);\n      this._onBridgeProtocolTimeoutID = null;\n
      }\n      };\n\n      onBackendStorageAPISupported = (isBackendStorageAPISupported: boolean) => {\n
this._isBackendStorageAPISupported = isBackendStorageAPISupported;\n\n
      this.emit('supportsReloadAndProfile');\n      };\n\n      onBridgeSynchronousXHRSupported =
(isSynchronousXHRSupported: boolean) => {\n      this._isSynchronousXHRSupported =
isSynchronousXHRSupported;\n\n      this.emit('supportsReloadAndProfile');\n      };\n\n
      onBridgeUnsupportedRendererVersion = () => {\n      this._unsupportedRendererVersionDetected = true;\n\n

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this.emit('unsupportedRendererVersionDetected');\n };\n\n onBridgeProtocol = (bridgeProtocol: BridgeProtocol)
=> {\n  if (this._onBridgeProtocolTimeoutID !== null) {\n    clearTimeout(this._onBridgeProtocolTimeoutID);\n    this._onBridgeProtocolTimeoutID = null;\n  }\n  if (bridgeProtocol.version !== currentBridgeProtocol.version)
{\n    this._unsupportedBridgeProtocol = bridgeProtocol;\n  } else {\n    // If we should happen to get a response
after timing out...\n    this._unsupportedBridgeProtocol = null;\n  }\n\n  this.emit('unsupportedBridgeProtocolDetected');\n };\n\n onBridgeProtocolTimeout = () => {\n
this._onBridgeProtocolTimeoutID = null;\n  // If we timed out, that indicates the backend predates the bridge
protocol,\n  // so we can set a fake version (0) to trigger the downgrade message.\n  this._unsupportedBridgeProtocol = BRIDGE_PROTOCOL[0];\n\n  this.emit('unsupportedBridgeProtocolDetected');\n };\n\n // The Store should never throw an Error without also
emitting an event.\n // Otherwise Store errors will be invisible to users,\n // but the downstream errors they cause
will be reported as bugs.\n // For example, https://github.com/facebook/react/issues/21402\n // Emitting an error
event allows the ErrorBoundary to show the original error.\n  _throwAndEmitError(error: Error) {\n
this.emit('error', error);\n  // Throwing is still valuable for local development\n  // and for unit testing the Store
itself.\n  throw error;\n }\n}\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is
licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n *
@flow strict-local\n */\n\nimport type {LogEvent} from 'react-devtools-shared/src/Logger';\n\nimport
{registerEventLogger} from 'react-devtools-shared/src/Logger';\n\nimport {enableLogger} from 'react-devtools-
feature-flags';\n\nlet loggingIFrame = null;\nlet missedEvents = [];\n\nexport function
registerDevToolsEventLogger(surface: string) {\n  function logEvent(event: LogEvent) {\n    if (enableLogger) {\n
if (loggingIFrame !== null) {\n      loggingIFrame.contentWindow.postMessage(\n        {\n          source: 'react-
devtools-logging',\n          event: event,\n          context: {\n            surface,\n            version:
process.env.DEVTOOLS_VERSION,\n            },\n            },\n            '*',\n            );\n        } else {\n
missedEvents.push(event);\n        }\n      }\n    }\n\n  function handleLoggingIFrameLoaded(iframe) {\n    if
(loggingIFrame !== null) {\n      return;\n    }\n\n    loggingIFrame = iframe;\n    if (missedEvents.length > 0) {\n
missedEvents.forEach(logEvent);\n    missedEvents = [];\n    }\n  }\n\n  // If logger is enabled, register a logger that
captures logged events\n  // and render iframe where the logged events will be reported to\n  if (enableLogger) {\n
const loggingUrl = process.env.LOGGING_URL;\n  const body = document.body;\n  if (\n    typeof loggingUrl
=== 'string' &&\n    loggingUrl.length > 0 &&\n    body !== null\n  ) {\n    registerEventLogger(logEvent);\n
const iframe = document.createElement('iframe');\n    iframe.src = loggingUrl;\n    iframe.onload =
function(...args) {\n      handleLoggingIFrameLoaded(iframe);\n    }; \n    body.appendChild(iframe);\n  }\n}\n}\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT
license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\ndeclare
function isArray(a: mixed): boolean %checks(Array.isArray(a));\n\nconst isArrayImpl = Array.isArray;\n\n// eslint-
disable-next-line no-redeclare\nfunction isArray(a: mixed): boolean {\n  return isArrayImpl(a);\n}\n\nexport default
isArray;\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the
MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport
{copy} from 'clipboard-js';\n\nimport {dehydrate} from './hydration';\n\nimport isArray from
'shared/isArray';\n\nimport type {DehydratedData} from 'react-devtools-
shared/src/devtools/views/Components/types';\n\nexport function cleanForBridge(\n  data: Object | null,\n
isPathAllowed: (path: Array<string | number>) => boolean,\n  path?: Array<string | number> = [],\n):
DehydratedData | null {\n  if (data !== null) {\n    const cleanedPaths = [];\n    const unserializablePaths = [];\n
const cleanedData = dehydrate(\n      data,\n      cleanedPaths,\n      unserializablePaths,\n      path,\n
isPathAllowed,\n    );\n\n    return {\n      data: cleanedData,\n      cleaned: cleanedPaths,\n      unserializable:
unserializablePaths,\n    }; \n  } else {\n    return null;\n  }\n}\n\nexport function copyToClipboard(value: any): void
{\n  const safeToCopy = serializeToString(value);\n  const text = safeToCopy === undefined ? 'undefined' :
safeToCopy;\n  const {clipboardCopyText} = window.__REACT_DEVTOOLS_GLOBAL_HOOK__;\n\n  // On
Firefox navigator.clipboard.writeText has to be called from\n  // the content script js code (because it requires the

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clipboardWrite\n // permission to be allowed out of a \"user handling\" callback),\n // clipboardCopyText is an
helper injected into the page from.\n // injectGlobalHook.\n if (typeof clipboardCopyText === 'function') {\n
clipboardCopyText(text).catch(err => {});\n } else {\n  copy(text);\n }\n\n\nexport function copyWithDelete(\n
obj: Object | Array<any>,\n path: Array<string | number>,\n index: number = 0,\n): Object | Array<any> {\n  const
key = path[index];\n  const updated = isArray(obj) ? obj.slice() : {...obj};\n  if (index + 1 === path.length) {\n
  if (isArray(updated)) {\n    updated.splice((key: any): number, 1);\n  } else {\n    delete updated[key];\n  }\n }
else {\n  // $FlowFixMe number or string is fine here\n  updated[key] = copyWithDelete(obj[key], path, index +
1);\n }\n  return updated;\n }\n\n\n// This function expects paths to be the same except for the final value.\n// e.g.
['path', 'to', 'foo'] and ['path', 'to', 'bar']\n\nexport function copyWithRename(\n  obj: Object | Array<any>,\n
oldPath: Array<string | number>,\n  newPath: Array<string | number>,\n  index: number = 0,\n): Object | Array<any> {\n
  const oldKey = oldPath[index];\n  const updated = isArray(obj) ? obj.slice() : {...obj};\n  if (index + 1 ===
oldPath.length) {\n    const newKey = newPath[index];\n    // $FlowFixMe number or string is fine here\n    updated[newKey] = updated[oldKey];\n    if (isArray(updated)) {\n      updated.splice(((oldKey: any): number), 1);\n    }
else {\n      delete updated[oldKey];\n    }\n  } else {\n    // $FlowFixMe number or string is fine here\n    updated[oldKey] = copyWithRename(obj[oldKey], oldPath, newPath, index + 1);\n  }\n  return
updated;\n }\n\n\nexport function copyWithSet(\n  obj: Object | Array<any>,\n  path: Array<string | number>,\n  value:
any,\n  index: number = 0,\n): Object | Array<any> {\n  if (index >= path.length) {\n    return value;\n  }\n  const key
= path[index];\n  const updated = isArray(obj) ? obj.slice() : {...obj};\n  // $FlowFixMe number or string is fine
here\n  updated[key] = copyWithSet(obj[key], path, value, index + 1);\n  return updated;\n }\n\n\nexport function
getEffectDurations(root: Object) {\n  // Profiling durations are only available for certain builds.\n  // If available,
they'll be stored on the HostRoot.\n  let effectDuration = null;\n  let passiveEffectDuration = null;\n  const hostRoot
= root.current;\n  if (hostRoot != null) {\n    const stateNode = hostRoot.stateNode;\n    if (stateNode != null) {\n
effectDuration =\n      stateNode.effectDuration != null ? stateNode.effectDuration : null;\n    passiveEffectDuration =\n      stateNode.passiveEffectDuration != null\n        ? stateNode.passiveEffectDuration\n        : null;\n    }\n  }\n  return {effectDuration, passiveEffectDuration};\n }\n\n\nexport function
serializeToString(data: any): string {\n  const cache = new Set();\n  // Use a custom replacer function to protect
against circular references.\n  return JSON.stringify(data, (key, value) => {\n    if (typeof value === 'object' &&
value !== null) {\n      if (cache.has(value)) {\n        return;\n      }\n      cache.add(value);\n    }\n    // $FlowFixMe\n    if (typeof value === 'bigint') {\n      return value.toString() + 'n';\n    }\n    return value;\n  });\n }\n\n\n// based on
https://github.com/tmpfs/format-util/blob/0e62d430efb0a1c51448709abd3e2406c14d8401/format.js#L1\n\n// based
on https://developer.mozilla.org/en-US/docs/Web/API/console#Using_string_substitutions\n\n// Implements s, d, i and
f placeholders\n\n// NOTE: KEEP IN SYNC with src/hook.js\n\nexport function format(\n  maybeMessage: any,\n
...inputArgs: $ReadOnlyArray<any>)\n): string {\n  const args = inputArgs.slice();\n  let formatted: string =
String(maybeMessage);\n  // If the first argument is a string, check for substitutions.\n  if (typeof maybeMessage
=== 'string') {\n    if (args.length) {\n      const REGEXP = /(?(?)(%([jds]))/g;\n      formatted =
formatted.replace(REGEXP, (match, escaped, ptn, flag) => {\n        let arg = args.shift();\n        switch (flag) {\n
case 's':\n          arg += \"\n          break;\n        case 'd':\n          case 'i':\n            arg = parseInt(arg,
10).toString();\n          break;\n        case 'f':\n          arg = parseFloat(arg).toString();\n          break;\n        }\n      }\n    }\n    if (!escaped) {\n      return arg;\n    }\n    args.unshift(arg);\n    return match;\n  });\n }\n }\n\n\n//
Arguments that remain after formatting.\n  if (args.length) {\n    for (let i = 0; i < args.length; i++) {\n      formatted
+= ' ' + String(args[i]);\n    }\n  }\n\n\n// Update escaped %% values.\n  formatted = formatted.replace(/% {2,2}/g,
'%');\n  return String(formatted);\n }\n }\n\n\nexport function isSynchronousXHRSupported(): boolean {\n  return !!(\n
window.document &&\n  window.document.featurePolicy &&\n  window.document.featurePolicy.allowsFeature('sync-xhr'))\n }\n }\n\n\n\"/**\n * Copyright (c) Facebook, Inc. and its
affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root
directory of this source tree.\n * @flow\n */\n\n\n * inlined Object.is polyfill to avoid requiring consumers
ship their own\n * https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Object/is\n\n\n * inlined function is(x: any, y: any) {\n  return (\n    (x === y && (x !== 0 || 1 / x === 1 / y)) || (x !== x && y !== y) //

```

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eslint-disable-line no-self-compare\n );\n}\n\nconst objectIs: (x: any, y: any) => boolean =\n  typeof Object.is ===\n  'function' ? Object.is : is;\n\nexport default objectIs;\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this\n * source tree.\n *\n * @flow\n */\n\nconst hasOwnProperty = Object.prototype.hasOwnProperty;\n\nexport default\n  hasOwnProperty;\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed\n * under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport type {StyleXPlugin} from 'react-devtools-shared/src/types';\nimport isArray from 'react-devtools-\nshared/src/isArray';\n\nconst cachedStyleNameToValueMap: Map<string, string> = new Map();\n\nexport function\n  getStyleXData(data: any): StyleXPlugin {\n  const sources = new Set();\n  const resolvedStyles = {};\n\n  crawlData(data, sources, resolvedStyles);\n\n  return {\n    sources: Array.from(sources).sort(),\n    resolvedStyles,\n  };\n}\n\nexport function crawlData(\n  data: any,\n  sources: Set<string>,\n  resolvedStyles: Object,\n): void {\n  if\n    (isArray(data)) {\n    data.forEach(entry => {\n      if (isArray(entry)) {\n        crawlData(entry, sources,\n          resolvedStyles);\n      } else {\n        crawlObjectProperties(entry, sources, resolvedStyles);\n      }\n    });\n  } else {\n    crawlObjectProperties(data, sources, resolvedStyles);\n  }\n\n  resolvedStyles = Object.fromEntries<string,\n  any>(\n    Object.entries(resolvedStyles).sort(),\n  );\n\n  function crawlObjectProperties(\n    entry: Object,\n    sources: Set<string>,\n    resolvedStyles: Object,\n): void {\n    const keys = Object.keys(entry);\n    keys.forEach(key\n      => {\n      const value = entry[key];\n      if (typeof value === 'string') {\n        if (key === value) {\n          // Special case;\n          this key is the name of the style's source/file/module.\n          sources.add(key);\n        } else {\n          resolvedStyles[key] =\n            getPropertyValueForStyleName(value);\n        }\n      } else {\n        const nestedStyle = {};\n        resolvedStyles[key] =\n          nestedStyle;\n        crawlData([value], sources, nestedStyle);\n      }\n    });\n  }\n\n  function\n    getPropertyValueForStyleName(styleName: string): string | null {\n    if\n      (cachedStyleNameToValueMap.has(styleName)) {\n      return ((cachedStyleNameToValueMap.get(styleName):\n        any): string);\n    }\n\n    for (\n      let styleSheetIndex = 0;\n      styleSheetIndex < document.styleSheets.length;\n      styleSheetIndex++\n    ) {\n      const styleSheet = ((document.styleSheets[\n        styleSheetIndex\n      ]: any):\n        CSSStyleSheet);\n      // $FlowFixMe Flow doesn't know about these properties\n      const rules = styleSheet.rules ||\n        styleSheet.cssRules;\n      for (let ruleIndex = 0; ruleIndex < rules.length; ruleIndex++) {\n        const rule =\n          rules[ruleIndex];\n        // $FlowFixMe Flow doesn't know about these properties\n        const {cssText, selectorText,\n          style} = rule;\n        if (selectorText !== null) {\n          if (selectorText.startsWith(`.${styleName}`)) {\n            const\n              match = cssText.match(/ *([a-z\\-]+):/);\n            if (match !== null) {\n              const property = match[1];\n              const value = style.getPropertyValue(property);\n              cachedStyleNameToValueMap.set(styleName,\n                value);\n              return value;\n            }\n          }\n        }\n      }\n    }\n\n    return null;\n  }\n}\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the\n * MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport type {\n  Lane,\n  Lanes,\n  DevToolsProfilingHooks,\n} from 'react-devtools-shared/src/backend/types';\nimport type {Fiber} from 'react-reconciler/src/ReactInternalTypes';\nimport type {Wakeable} from\n  'shared/ReactTypes';\n\nimport isArray from 'shared/isArray';\nimport {SCHEDULING_PROFILER_VERSION}\n  from 'react-devtools-timeline/src/constants';\n\nlet performanceTarget: Performance | null = null;\n\n// If\n  performance exists and supports the subset of the User Timing API that we require.\nlet supportsUserTiming =\n  typeof performance !== 'undefined' &&\n  typeof performance.mark === 'function' &&\n  typeof\n  performance.clearMarks === 'function';\n\nlet supportsUserTimingV3 = false;\nif (supportsUserTiming) {\n  const\n    CHECK_V3_MARK = '__v3';\n  const markOptions = {};\n  // $FlowFixMe: Ignore Flow complaining about\n  needing a value\n  Object.defineProperty(markOptions, 'startTime', {\n    get: function() {\n      supportsUserTimingV3 = true;\n      return 0;\n    },\n    set: function() {},\n  });\n\n  try {\n    // $FlowFixMe: Flow\n    expects the User Timing level 2 API.\n    performance.mark(CHECK_V3_MARK, markOptions);\n  } catch (error)\n    {\n    // Ignore\n  } finally {\n    performance.clearMarks(CHECK_V3_MARK);\n  }\n\n  if\n    (supportsUserTimingV3) {\n    performanceTarget = performance;\n  }\n\n  // Mocking the Performance Object (and\n  User Timing APIs) for testing is fragile.\n  // This API allows tests to directly override the User Timing APIs.\n  export\n    function setPerformanceMock_ONLY_FOR_TESTING(\n      performanceMock: Performance | null,\n    ) {\n

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performanceTarget = performanceMock;\n supportsUserTiming = performanceMock !== null;\n
supportsUserTimingV3 = performanceMock !== null;\n\nfunction markAndClear(markName) {\n // This
method won't be called unless these functions are defined, so we can skip the extra typeof check.\n
((performanceTarget: any): Performance).mark(markName);\n ((performanceTarget: any):
Performance).clearMarks(markName);\n\nexport function createProfilingHooks({\n getDisplayNameForFiber,\n
getLaneLabelMap,\n reactVersion,\n}: {\n getDisplayNameForFiber: (fiber: Fiber) => string | null,\n
getLaneLabelMap?: () => Map<Lane, string> | null,\n reactVersion: string,\n}): DevToolsProfilingHooks {\n
function markMetadata() {\n markAndClear(`--react-version-${reactVersion}`);\n markAndClear(`--profiler-
version-${SCHEDULING_PROFILER_VERSION}`);\n\n /* global
__REACT_DEVTOOLS_GLOBAL_HOOK__ */\n if (\n typeof
__REACT_DEVTOOLS_GLOBAL_HOOK__ !== 'undefined' &&\n typeof
__REACT_DEVTOOLS_GLOBAL_HOOK__.getInternalModuleRanges ===\n 'function'\n ) {\n // Ask
the DevTools hook for module ranges that may have been reported by the current renderer(s).\n const ranges =
__REACT_DEVTOOLS_GLOBAL_HOOK__.getInternalModuleRanges();\n // This check would not be
required,\n // except that it's possible for things to override __REACT_DEVTOOLS_GLOBAL_HOOK__.\n
if (isArray(ranges)) {\n for (let i = 0; i < ranges.length; i++) {\n const range = ranges[i];\n if
(isArray(range) && range.length === 2) {\n const [startStackFrame, stopStackFrame] = ranges[i];\n\n
markAndClear(`--react-internal-module-start-${startStackFrame}`);\n markAndClear(`--react-internal-
module-stop-${stopStackFrame}`);\n }\n }\n }\n }\n\n if (typeof getLaneLabelMap === 'function')
{\n const map = getLaneLabelMap();\n if (map !== null) {\n const labels =
Array.from(map.values()).join(',');\n markAndClear(`--react-lane-labels-${labels}`);\n }\n }\n }\n\n
function markCommitStarted(lanes: Lanes): void {\n if (supportsUserTimingV3) {\n markAndClear(`--
commit-start-${lanes}`);\n // Certain types of metadata should be logged infrequently.\n // Normally we
would log this during module init,\n // but there's no guarantee a user is profiling at that time.\n // Commits
happen infrequently (less than renders or state updates)\n // so we log this extra information along with a
commit.\n // It will likely be logged more than once but that's okay.\n //\n // TODO (timeline) Only log this
once, when profiling starts.\n // For the first phase– refactoring– we'll match the previous behavior.\n
markMetadata();\n }\n }\n\n function markCommitStopped(): void {\n if (supportsUserTimingV3) {\n
markAndClear(`--commit-stop`);\n }\n }\n\n function markComponentRenderStarted(fiber: Fiber): void {\n if
(supportsUserTimingV3) {\n const componentName = getDisplayNameForFiber(fiber) || 'Unknown';\n //
TODO (timeline) Record and cache component stack\n markAndClear(`--component-render-start-
${componentName}`);\n }\n }\n\n function markComponentRenderStopped(): void {\n if
(supportsUserTimingV3) {\n markAndClear(`--component-render-stop`);\n }\n }\n\n function
markComponentPassiveEffectMountStarted(fiber: Fiber): void {\n if (supportsUserTimingV3) {\n const
componentName = getDisplayNameForFiber(fiber) || 'Unknown';\n // TODO (timeline) Record and cache
component stack\n markAndClear(`--component-passive-effect-mount-start-${componentName}`);\n }\n }\n }\n\n
function markComponentPassiveEffectMountStopped(): void {\n if (supportsUserTimingV3) {\n
markAndClear(`--component-passive-effect-mount-stop`);\n }\n }\n }\n\n function
markComponentPassiveEffectUnmountStarted(fiber: Fiber): void {\n if (supportsUserTimingV3) {\n const
componentName = getDisplayNameForFiber(fiber) || 'Unknown';\n // TODO (timeline) Record and cache
component stack\n markAndClear(`--component-passive-effect-unmount-start-${componentName}`);\n }\n }\n
}\n\n function markComponentPassiveEffectUnmountStopped(): void {\n if (supportsUserTimingV3) {\n
markAndClear(`--component-passive-effect-unmount-stop`);\n }\n }\n }\n\n function
markComponentLayoutEffectMountStarted(fiber: Fiber): void {\n if (supportsUserTimingV3) {\n const
componentName = getDisplayNameForFiber(fiber) || 'Unknown';\n // TODO (timeline) Record and cache
component stack\n markAndClear(`--component-layout-effect-mount-start-${componentName}`);\n }\n }\n }\n\n
function markComponentLayoutEffectMountStopped(): void {\n if (supportsUserTimingV3) {\n
markAndClear(`--component-layout-effect-mount-stop`);\n }\n }\n }\n\n function

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markComponentLayoutEffectUnmountStarted(fiber: Fiber): void {\n  if (supportsUserTimingV3) {\n    const
componentName = getDisplayNameForFiber(fiber) || 'Unknown';\n    // TODO (timeline) Record and cache
component stack\n    markAndClear(`--component-layout-effect-unmount-start-${componentName}`);\n  }\n}\n\nfunction markComponentLayoutEffectUnmountStopped(): void {\n  if (supportsUserTimingV3) {\n    markAndClear('--component-layout-effect-unmount-stop');\n  }\n}\n\nfunction markComponentErrored(\n  fiber: Fiber,\n  thrownValue: mixed,\n  lanes: Lanes,\n  ): void {\n  if (supportsUserTimingV3) {\n    const
componentName = getDisplayNameForFiber(fiber) || 'Unknown';\n    const phase = fiber.alternate === null ?
'mount' : 'update';\n\n    let message = '';\n    if (\n      thrownValue !== null &&\n      typeof thrownValue ===
'object' &&\n      typeof thrownValue.message === 'string'\n    ) {\n      message = thrownValue.message;\n    }
else if (typeof thrownValue === 'string') {\n      message = thrownValue;\n    }\n\n    // TODO (timeline) Record
and cache component stack\n    markAndClear(`--error-${componentName}-${phase}-${message}`);\n  }\n}\n\nconst PossiblyWeakMap = typeof WeakMap === 'function' ? WeakMap : Map;\n\n// $FlowFixMe: Flow
cannot handle polymorphic WeakMaps\nconst wakeableIDs: WeakMap<Wakeable, number> = new
PossiblyWeakMap();\nlet wakeableID: number = 0;\nfunction getWakeableID(wakeable: Wakeable): number {\n  if (!wakeableIDs.has(wakeable)) {\n    wakeableIDs.set(wakeable, wakeableID++);\n  }\n  return
((wakeableIDs.get(wakeable): any): number);\n}\n\nfunction markComponentSuspended(\n  fiber: Fiber,\n  wakeable: Wakeable,\n  lanes: Lanes,\n  ): void {\n  if (supportsUserTimingV3) {\n    const eventType =
wakeableIDs.has(wakeable) ? 'resume' : 'suspend';\n    const id = getWakeableID(wakeable);\n    const
componentName = getDisplayNameForFiber(fiber) || 'Unknown';\n    const phase = fiber.alternate === null ?
'mount' : 'update';\n\n    // Following the non-standard fn.displayName convention,\n    // frameworks like Relay
may also annotate Promises with a displayName,\n    // describing what operation/data the thrown Promise is
related to.\n    // When this is available we should pass it along to the Timeline.\n    const displayName =
(wakeable: any).displayName || '';\n\n    // TODO (timeline) Record and cache component stack\n    markAndClear(\n      `--suspend-${eventType}-${id}-${componentName}-${phase}-${lanes}-
${displayName}`,\n      );\n    wakeable.then(\n      () => markAndClear(`--suspend-resolved-${id}-
${componentName}`),\n      () => markAndClear(`--suspend-rejected-${id}-${componentName}`),\n      );\n  }\n}\n\nfunction markLayoutEffectsStarted(lanes: Lanes): void {\n  if (supportsUserTimingV3) {\n    markAndClear(`--layout-effects-start-${lanes}`);\n  }\n}\n\nfunction markLayoutEffectsStopped(): void {\n  if (supportsUserTimingV3) {\n    markAndClear('--layout-effects-stop');\n  }\n}\n\nfunction markPassiveEffectsStarted(lanes: Lanes): void {\n  if (supportsUserTimingV3) {\n    markAndClear(`--passive-effects-start-${lanes}`);\n  }\n}\n\nfunction markPassiveEffectsStopped(): void {\n  if (supportsUserTimingV3) {\n    markAndClear('--passive-effects-stop');\n  }\n}\n\nfunction markRenderStarted(lanes: Lanes): void {\n  if (supportsUserTimingV3) {\n    markAndClear(`--render-start-${lanes}`);\n  }\n}\n\nfunction markRenderYielded(): void {\n  if (supportsUserTimingV3) {\n    markAndClear('--render-yield');\n  }\n}\n\nfunction markRenderStopped(): void {\n  if (supportsUserTimingV3) {\n    markAndClear('--render-stop');\n  }\n}\n\nfunction markRenderScheduled(lane: Lane): void {\n  if (supportsUserTimingV3) {\n    markAndClear(`--schedule-render-${lane}`);\n  }\n}\n\nfunction markForceUpdateScheduled(fiber: Fiber, lane: Lane): void {\n  if (supportsUserTimingV3) {\n    const componentName = getDisplayNameForFiber(fiber) || 'Unknown';\n    //
TODO (timeline) Record and cache component stack\n    markAndClear(`--schedule-forced-update-${lane}-
${componentName}`);\n  }\n}\n\nfunction markStateUpdateScheduled(fiber: Fiber, lane: Lane): void {\n  if (supportsUserTimingV3) {\n    const componentName = getDisplayNameForFiber(fiber) || 'Unknown';\n    //
TODO (timeline) Record and cache component stack\n    markAndClear(`--schedule-state-update-${lane}-
${componentName}`);\n  }\n}\n\nreturn {\n  markCommitStarted,\n  markCommitStopped,\n  markComponentRenderStarted,\n  markComponentRenderStopped,\n  markComponentPassiveEffectMountStarted,\n  markComponentPassiveEffectMountStopped,\n  markComponentPassiveEffectUnmountStarted,\n  markComponentPassiveEffectUnmountStopped,\n  markComponentLayoutEffectMountStarted,\n  markComponentLayoutEffectMountStopped,\n  markComponentLayoutEffectUnmountStarted,\n  markComponentLayoutEffectUnmountStopped,\n}

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string,\n): {\n  getDisplayNameForFiber: getDisplayNameForFiberType,\n  getTypeSymbol:
getTypeSymbolType,\n  ReactPriorityLevels: ReactPriorityLevelsType,\n  ReactTypeOfSideEffect:
ReactTypeOfSideEffectType,\n  ReactTypeOfWork: WorkTagMap,\n  StrictModeBits: number,\n} {\n  const
ReactTypeOfSideEffect: ReactTypeOfSideEffectType = {\n    DidCapture: 0b10000000,\n    NoFlags: 0b00,\n    PerformedWork: 0b01,\n    Placement: 0b10,\n    Incomplete: 0b10000000000000,\n    Hydrating:
0b10000000000000,\n  };\n\n  // *****\n\n  // The
section below is copied from files in React repo.\n  // Keep it in sync, and add version guards if it changes.\n  //\n  //
Technically these priority levels are invalid for versions before 16.9,\n  // but 16.9 is the first version to report
priority level to DevTools,\n  // so we can avoid checking for earlier versions and support pre-16.9 canary releases in
the process.\n  let ReactPriorityLevels: ReactPriorityLevelsType = {\n    ImmediatePriority: 99,\n    UserBlockingPriority: 98,\n    NormalPriority: 97,\n    LowPriority: 96,\n    IdlePriority: 95,\n    NoPriority: 90,\n  };\n\n  if (gt(version, '17.0.2')) {\n    ReactPriorityLevels = {\n      ImmediatePriority: 1,\n      UserBlockingPriority:
2,\n      NormalPriority: 3,\n      LowPriority: 4,\n      IdlePriority: 5,\n      NoPriority: 0,\n    };\n  }\n\n  let
StrictModeBits = 0;\n  if (gte(version, '18.0.0-alpha')) {\n    // 18+\n    StrictModeBits = 0b011000;\n  } else if
(gte(version, '16.9.0')) {\n    // 16.9 - 17\n    StrictModeBits = 0b1;\n  } else if (gte(version, '16.3.0')) {\n    // 16.3 -
16.8\n    StrictModeBits = 0b10;\n  }\n\n  let ReactTypeOfWork: WorkTagMap = ((null: any): WorkTagMap);\n\n  //
*****\n\n  // The section below is copied from
files in React repo.\n  // Keep it in sync, and add version guards if it changes.\n  //\n  // TODO Update the gt() check
below to be gte() whichever the next version number is.\n  // Currently the version in Git is 17.0.2 (but that version
has not been/may not end up being released).\n  if (gt(version, '17.0.1')) {\n    ReactTypeOfWork = {\n      CacheComponent: 24, // Experimental\n      ClassComponent: 1,\n      ContextConsumer: 9,\n      ContextProvider:
10,\n      CoroutineComponent: -1, // Removed\n      CoroutineHandlerPhase: -1, // Removed\n      DehydratedSuspenseComponent: 18, // Behind a flag\n      ForwardRef: 11,\n      Fragment: 7,\n      FunctionComponent: 0,\n      HostComponent: 5,\n      HostPortal: 4,\n      HostRoot: 3,\n      HostText: 6,\n      IncompleteClassComponent: 17,\n      IndeterminateComponent: 2,\n      LazyComponent: 16,\n      LegacyHiddenComponent: 23,\n      MemoComponent: 14,\n      Mode: 8,\n      OffscreenComponent: 22, //
Experimental\n      Profiler: 12,\n      ScopeComponent: 21, // Experimental\n      SimpleMemoComponent: 15,\n      SuspenseComponent: 13,\n      SuspenseListComponent: 19, // Experimental\n      YieldComponent: -1, //
Removed\n    };\n  } else if (gte(version, '17.0.0-alpha')) {\n    ReactTypeOfWork = {\n      CacheComponent: -1, //
Doesn't exist yet\n      ClassComponent: 1,\n      ContextConsumer: 9,\n      ContextProvider: 10,\n      CoroutineComponent: -1, // Removed\n      CoroutineHandlerPhase: -1, // Removed\n      DehydratedSuspenseComponent: 18, // Behind a flag\n      ForwardRef: 11,\n      Fragment: 7,\n      FunctionComponent: 0,\n      HostComponent: 5,\n      HostPortal: 4,\n      HostRoot: 3,\n      HostText: 6,\n      IncompleteClassComponent: 17,\n      IndeterminateComponent: 2,\n      LazyComponent: 16,\n      LegacyHiddenComponent: 24,\n      MemoComponent: 14,\n      Mode: 8,\n      OffscreenComponent: 23, //
Experimental\n      Profiler: 12,\n      ScopeComponent: 21, // Experimental\n      SimpleMemoComponent: 15,\n      SuspenseComponent: 13,\n      SuspenseListComponent: 19, // Experimental\n      YieldComponent: -1, //
Removed\n    };\n  } else if (gte(version, '16.6.0-beta.0')) {\n    ReactTypeOfWork = {\n      CacheComponent: -1, //
Doesn't exist yet\n      ClassComponent: 1,\n      ContextConsumer: 9,\n      ContextProvider: 10,\n      CoroutineComponent: -1, // Removed\n      CoroutineHandlerPhase: -1, // Removed\n      DehydratedSuspenseComponent: 18, // Behind a flag\n      ForwardRef: 11,\n      Fragment: 7,\n      FunctionComponent: 0,\n      HostComponent: 5,\n      HostPortal: 4,\n      HostRoot: 3,\n      HostText: 6,\n      IncompleteClassComponent: 17,\n      IndeterminateComponent: 2,\n      LazyComponent: 16,\n      LegacyHiddenComponent: -1,\n      MemoComponent: 14,\n      Mode: 8,\n      OffscreenComponent: -1, //
Experimental\n      Profiler: 12,\n      ScopeComponent: -1, // Experimental\n      SimpleMemoComponent: 15,\n      SuspenseComponent: 13,\n      SuspenseListComponent: 19, // Experimental\n      YieldComponent: -1, //
Removed\n    };\n  } else if (gte(version, '16.4.3-alpha')) {\n    ReactTypeOfWork = {\n      CacheComponent: -1, //
Doesn't exist yet\n      ClassComponent: 2,\n      ContextConsumer: 11,\n      ContextProvider: 12,\n    };\n  }

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CoroutineComponent: -1, // Removed\n    CoroutineHandlerPhase: -1, // Removed\n
DehydratedSuspenseComponent: -1, // Doesn't exist yet\n    ForwardRef: 13,\n    Fragment: 9,\n
FunctionComponent: 0,\n    HostComponent: 7,\n    HostPortal: 6,\n    HostRoot: 5,\n    HostText: 8,\n
IncompleteClassComponent: -1, // Doesn't exist yet\n    IndeterminateComponent: 4,\n    LazyComponent: -1, //
Doesn't exist yet\n    LegacyHiddenComponent: -1,\n    MemoComponent: -1, // Doesn't exist yet\n    Mode:
10,\n    OffscreenComponent: -1, // Experimental\n    Profiler: 15,\n    ScopeComponent: -1, // Experimental\n
SimpleMemoComponent: -1, // Doesn't exist yet\n    SuspenseComponent: 16,\n    SuspenseListComponent: -1, //
Doesn't exist yet\n    YieldComponent: -1, // Removed\n };n } else {\n    ReactTypeOfWork = {\n
CacheComponent: -1, // Doesn't exist yet\n    ClassComponent: 2,\n    ContextConsumer: 12,\n
ContextProvider: 13,\n    CoroutineComponent: 7,\n    CoroutineHandlerPhase: 8,\n
DehydratedSuspenseComponent: -1, // Doesn't exist yet\n    ForwardRef: 14,\n    Fragment: 10,\n
FunctionComponent: 1,\n    HostComponent: 5,\n    HostPortal: 4,\n    HostRoot: 3,\n    HostText: 6,\n
IncompleteClassComponent: -1, // Doesn't exist yet\n    IndeterminateComponent: 0,\n    LazyComponent: -1, //
Doesn't exist yet\n    LegacyHiddenComponent: -1,\n    MemoComponent: -1, // Doesn't exist yet\n    Mode:
11,\n    OffscreenComponent: -1, // Experimental\n    Profiler: 15,\n    ScopeComponent: -1, // Experimental\n
SimpleMemoComponent: -1, // Doesn't exist yet\n    SuspenseComponent: 16,\n    SuspenseListComponent: -1, //
Doesn't exist yet\n    YieldComponent: 9,\n };n }\n //
*****\n // End of copied code.\n //
*****\n\n function getTypeSymbol(type: any):
Symbol | number {\n    const symbolOrNumber =\n        typeof type === 'object' && type !== null ? type.$typeof :
type;\n\n    // $FlowFixMe Flow doesn't know about typeof \"symbol\"\n    return typeof symbolOrNumber ===
'symbol'\n        ? symbolOrNumber.toString()\n        : symbolOrNumber;\n }\n\n const {\n    CacheComponent,\n
ClassComponent,\n    IncompleteClassComponent,\n    FunctionComponent,\n    IndeterminateComponent,\n
ForwardRef,\n    HostRoot,\n    HostComponent,\n    HostPortal,\n    HostText,\n    Fragment,\n
LazyComponent,\n    LegacyHiddenComponent,\n    MemoComponent,\n    OffscreenComponent,\n    Profiler,\n
ScopeComponent,\n    SimpleMemoComponent,\n    SuspenseComponent,\n    SuspenseListComponent,\n } =
ReactTypeOfWork;\n\n function resolveFiberType(type: any) {\n    const typeSymbol = getTypeSymbol(type);\n
switch (typeSymbol) {\n        case MEMO_NUMBER:\n        case MEMO_SYMBOL_STRING:\n            // recursively
resolving memo type in case of memo(forwardRef(Component))\n            return resolveFiberType(type.type);\n
        case FORWARD_REF_NUMBER:\n        case FORWARD_REF_SYMBOL_STRING:\n            return type.render;\n
        default:\n            return type;\n    }\n }\n\n // NOTICE Keep in sync with shouldFilterFiber() and other get*ForFiber
methods\n function getDisplayNameForFiber(fiber: Fiber): string | null {\n    const {elementType, type, tag} =
fiber;\n\n    let resolvedType = type;\n    if (typeof type === 'object' && type !== null) {\n        resolvedType =
resolveFiberType(type);\n    }\n\n    let resolvedContext: any = null;\n\n    switch (tag) {\n        case
CacheComponent:\n            return 'Cache';\n        case ClassComponent:\n        case IncompleteClassComponent:\n
            return getDisplayName(resolvedType);\n        case FunctionComponent:\n        case IndeterminateComponent:\n
            return getDisplayName(resolvedType);\n        case ForwardRef:\n            // Mirror
https://github.com/facebook/react/blob/7c21bf72ace77094fd1910cc350a548287ef8350/packages/shared/getComponentName.js#L27-L37\n            return (\n                (type && type.displayName) ||\n                getDisplayName(resolvedType,\n                    'Anonymous')\n            );\n        case HostRoot:\n            const fiberRoot = fiber.stateNode;\n            if (fiberRoot !== null &&
fiberRoot._debugRootType !== null) {\n                return fiberRoot._debugRootType;\n            }\n            return null;\n
        case HostComponent:\n            return type;\n        case HostPortal:\n        case HostText:\n        case Fragment:\n
            return null;\n        case LazyComponent:\n            // This display name will not be user visible.\n            // Once a Lazy
component loads its inner component, React replaces the tag and type.\n            // This display name will only show up
in console logs when DevTools DEBUG mode is on.\n            return 'Lazy';\n        case MemoComponent:\n        case
SimpleMemoComponent:\n            return (\n                (elementType && elementType.displayName) ||\n                (type &&
type.displayName) ||\n                getDisplayName(resolvedType, 'Anonymous')\n            );\n        case
SuspenseComponent:\n            return 'Suspense';\n        case LegacyHiddenComponent:\n            return 'LegacyHidden';\n

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    case OffscreenComponent:\n      return 'Offscreen';\n    case ScopeComponent:\n      return 'Scope';\n    case
SuspenseListComponent:\n      return 'SuspenseList';\n    case Profiler:\n      return 'Profiler';\n    default:\n
const typeSymbol = getTypeSymbol(type);\n    switch (typeSymbol) {\n      case
CONCURRENT_MODE_NUMBER:\n        case CONCURRENT_MODE_SYMBOL_STRING:\n          case
DEPRECATED_ASYNC_MODE_SYMBOL_STRING:\n            return null;\n          case
PROVIDER_NUMBER:\n            case PROVIDER_SYMBOL_STRING:\n              // 16.3.0 exposed the context
object as \"context\"\n              // PR #12501 changed it to \"_context\" for 16.3.1+\n              // NOTE Keep in sync
with inspectElementRaw()\n              resolvedContext = fiber.type._context || fiber.type.context;\n            return
`${resolvedContext.displayName || 'Context'}.Provider`;\n          case CONTEXT_NUMBER:\n            case
CONTEXT_SYMBOL_STRING:\n              // 16.3-16.5 read from \"type\" because the Consumer is the actual
context object.\n              // 16.6+ should read from \"type._context\" because Consumer can be different (in DEV).\n
              // NOTE Keep in sync with inspectElementRaw()\n              resolvedContext = fiber.type._context ||
fiber.type;\n            return\n            // NOTE: TraceUpdatesBackendManager depends on the name ending in '.Consumer'\n
            // If you change the name, figure out a more resilient way to detect it.\n            return
`${resolvedContext.displayName || 'Context'}.Consumer`;\n          case STRICT_MODE_NUMBER:\n            case
STRICT_MODE_SYMBOL_STRING:\n            return null;\n          case PROFILER_NUMBER:\n            case
PROFILER_SYMBOL_STRING:\n            return `Profiler(${fiber.memoizedProps.id})`;\n          case
SCOPE_NUMBER:\n            case SCOPE_SYMBOL_STRING:\n            return 'Scope';\n          default:\n            //
Unknown element type.\n            // This may mean a new element type that has not yet been added to DevTools.\n
            return null;\n        }\n    }\n\n    return {\n      getDisplayNameForFiber,\n      getTypeSymbol,\n
ReactPriorityLevels,\n      ReactTypeOfWork,\n      ReactTypeOfSideEffect,\n      StrictModeBits,\n    };\n\n  }\n\n  export
function attach(\n    hook: DevToolsHook,\n    rendererID: number,\n    renderer: ReactRenderer,\n    global: Object,\n  ):
RendererInterface {\n    // Newer versions of the reconciler package also specific reconciler version.\n    // If that
version number is present, use it.\n    // Third party renderer versions may not match the reconciler version,\n    // and
the latter is what's important in terms of tags and symbols.\n    const version = renderer.reconcilerVersion ||
renderer.version;\n\n    const {\n      getDisplayNameForFiber,\n      getTypeSymbol,\n      ReactPriorityLevels,\n
      ReactTypeOfWork,\n      ReactTypeOfSideEffect,\n      StrictModeBits,\n    } = getInternalReactConstants(version);\n
    const {\n      DidCapture,\n      Hydrating,\n      NoFlags,\n      PerformedWork,\n      Placement,\n    } =
ReactTypeOfSideEffect;\n    const {\n      CacheComponent,\n      ClassComponent,\n      ContextConsumer,\n
      DehydratedSuspenseComponent,\n      ForwardRef,\n      Fragment,\n      FunctionComponent,\n      HostRoot,\n
      HostPortal,\n      HostComponent,\n      HostText,\n      IncompleteClassComponent,\n      IndeterminateComponent,\n
      LegacyHiddenComponent,\n      MemoComponent,\n      OffscreenComponent,\n      SimpleMemoComponent,\n
      SuspenseComponent,\n      SuspenseListComponent,\n    } = ReactTypeOfWork;\n    const {\n      ImmediatePriority,\n
      UserBlockingPriority,\n      NormalPriority,\n      LowPriority,\n      IdlePriority,\n      NoPriority,\n    } =
ReactPriorityLevels;\n\n    const {\n      getLaneLabelMap,\n      injectProfilingHooks,\n      overrideHookState,\n
      overrideHookStateDeletePath,\n      overrideHookStateRenamePath,\n      overrideProps,\n
      overridePropsDeletePath,\n      overridePropsRenamePath,\n      scheduleRefresh,\n      setErrorHandler,\n
      setSuspenseHandler,\n      scheduleUpdate,\n    } = renderer;\n    const supportsTogglingError =\n      typeof
setErrorHandler === 'function' &&\n      typeof scheduleUpdate === 'function';\n    const supportsTogglingSuspense
=\n      typeof setSuspenseHandler === 'function' &&\n      typeof scheduleUpdate === 'function';\n\n    if (typeof
scheduleRefresh === 'function') {\n      // When Fast Refresh updates a component, the frontend may need to purge
cached information.\n      // For example, ASTs cached for the component (for named hooks) may no longer be
valid.\n      // Send a signal to the frontend to purge this cached information.\n      // The \"fastRefreshScheduled\"
dispatched is global (not Fiber or even Renderer specific).\n      // This is less efficient since it means the front-end
will need to purge the entire cache,\n      // but this is probably an okay trade off in order to reduce coupling between
the DevTools and Fast Refresh.\n      renderer.scheduleRefresh = (...args) => {\n        try {\n
hook.emit('fastRefreshScheduled');\n        } finally {\n          return scheduleRefresh(...args);\n        }\n      };\n    }\n\n    if
(typeof injectProfilingHooks === 'function') {\n      injectProfilingHooks(\n        createProfilingHooks({\n

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getDisplayNameForFiber,\n    getLaneLabelMap,\n    reactVersion: version,\n  }},\n );\n\n // Tracks
Fibers with recently changed number of error/warning messages.\n // These collections store the Fiber rather than
the ID,\n // in order to avoid generating an ID for Fibers that never get mounted\n // (due to e.g. Suspense or error
boundaries).\n // onErrorOrWarning() adds Fibers and recordPendingErrorsAndWarnings() later clears them.\n
const fibersWithChangedErrorOrWarningCounts: Set<Fiber> = new Set();\n const pendingFiberToErrorsMap:
Map<Fiber, Map<string, number>> = new Map();\n const pendingFiberToWarningsMap: Map<Fiber, Map<string,
number>> = new Map();\n\n // Mapping of fiber IDs to error/warning messages and counts.\n const
fiberIDToErrorsMap: Map<number, Map<string, number>> = new Map();\n const fiberIDToWarningsMap:
Map<number, Map<string, number>> = new Map();\n\n function clearErrorsAndWarnings() {\n // eslint-disable-
next-line no-for-of-loops/no-for-of-loops\n for (const id of fiberIDToErrorsMap.keys()) {\n const fiber =
idToArbitraryFiberMap.get(id);\n if (fiber != null) {\n
fibersWithChangedErrorOrWarningCounts.add(fiber);\n
updateMostRecentlyInspectedElementIfNecessary(id);\n } }\n\n // eslint-disable-next-line no-for-of-
loops/no-for-of-loops\n for (const id of fiberIDToWarningsMap.keys()) {\n const fiber =
idToArbitraryFiberMap.get(id);\n if (fiber != null) {\n
fibersWithChangedErrorOrWarningCounts.add(fiber);\n
updateMostRecentlyInspectedElementIfNecessary(id);\n } }\n\n fiberIDToErrorsMap.clear();\n
fiberIDToWarningsMap.clear();\n\n flushPendingEvents();\n }\n\n function clearMessageCountHelper(\n
fiberID: number,\n pendingFiberToMessageCountMap: Map<Fiber, Map<string, number>>,\n
fiberIDToMessageCountMap: Map<number, Map<string, number>>,\n ) {\n const fiber =
idToArbitraryFiberMap.get(fiberID);\n if (fiber != null) {\n // Throw out any pending changes.\n
pendingFiberToErrorsMap.delete(fiber);\n if (fiberIDToMessageCountMap.has(fiberID)) {\n
fiberIDToMessageCountMap.delete(fiberID);\n // If previous flushed counts have changed, schedule an
update too.\n fibersWithChangedErrorOrWarningCounts.add(fiber);\n flushPendingEvents();\n
updateMostRecentlyInspectedElementIfNecessary(fiberID);\n } else {\n
fibersWithChangedErrorOrWarningCounts.delete(fiber);\n } }\n }\n\n function
clearErrorsForFiberID(fiberID: number) {\n clearMessageCountHelper(\n fiberID,\n
pendingFiberToErrorsMap,\n fiberIDToErrorsMap,\n );\n }\n\n function clearWarningsForFiberID(fiberID:
number) {\n clearMessageCountHelper(\n fiberID,\n pendingFiberToWarningsMap,\n
fiberIDToWarningsMap,\n );\n }\n\n function updateMostRecentlyInspectedElementIfNecessary(\n fiberID:
number,\n ): void {\n if (\n mostRecentlyInspectedElement !== null &&\n
mostRecentlyInspectedElement.id === fiberID\n ) {\n hasElementUpdatedSinceLastInspected = true;\n }\n
}\n\n // Called when an error or warning is logged during render, commit, or passive (including unmount
functions).\n function onErrorOrWarning(\n fiber: Fiber,\n type: 'error' | 'warn',\n args:
$ReadOnlyArray<any>,\n ): void {\n if (type === 'error') {\n const maybeID = getFiberIDUnsafe(fiber);\n
// if this is an error simulated by us to trigger error boundary, ignore\n if (maybeID != null &&
forceErrorForFiberIDs.get(maybeID) === true) {\n return;\n } }\n const message = format(...args);\n
if (__DEBUG__) {\n debug('onErrorOrWarning', fiber, null, `${type}: "${message}"`);\n }\n\n // Mark this
Fiber as needed its warning/error count updated during the next flush.\n
fibersWithChangedErrorOrWarningCounts.add(fiber);\n\n // Track the warning/error for later.\n const fiberMap
=\n type === 'error' ? pendingFiberToErrorsMap : pendingFiberToWarningsMap;\n const messageMap =
fiberMap.get(fiber);\n if (messageMap != null) {\n const count = messageMap.get(message) || 0;\n
messageMap.set(message, count + 1);\n } else {\n fiberMap.set(fiber, new Map([[message, 1]]));\n }\n\n //
Passive effects may trigger errors or warnings too;\n // In this case, we should wait until the rest of the passive
effects have run,\n // but we shouldn't wait until the next commit because that might be a long time.\n // This
would also cause \"tearing\" between an inspected Component and the tree view.\n // Then again we don't want to
flush too soon because this could be an error during async rendering.\n // Use a debounce technique to ensure that
we'll eventually flush.\n flushPendingErrorsAndWarningsAfterDelay();\n }\n\n // Patching the console enables

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DevTools to do a few useful things:\n // * Append component stacks to warnings and error messages\n // * Disable logging during re-renders to inspect hooks (see inspectHooksOfFiber)\n //\n // Don't patch in test environments because we don't want to interfere with Jest's own console overrides.\n if (process.env.NODE_ENV !== 'test') {\n registerRendererWithConsole(renderer, onErrorOrWarning);\n\n // The renderer interface can't read these preferences directly,\n // because it is stored in localStorage within the context of the extension.\n // It relies on the extension to pass the preference through via the global.\n const appendComponentStack =\n window.__REACT_DEVTOOLS_APPEND_COMPONENT_STACK__ !== false;\n const\n breakOnConsoleErrors =\n window.__REACT_DEVTOOLS_BREAK_ON_CONSOLE_ERRORS__ ===\n true;\n const showInlineWarningsAndErrors =\n window.__REACT_DEVTOOLS_SHOW_INLINE_WARNINGS_AND_ERRORS__ !== false;\n const\n hideConsoleLogsInStrictMode =\n window.__REACT_DEVTOOLS_HIDE_CONSOLE_LOGS_IN_STRICT_MODE__ === true;\n const\n browserTheme = window.__REACT_DEVTOOLS_BROWSER_THEME__;\n\n patchConsole({\n appendComponentStack,\n breakOnConsoleErrors,\n showInlineWarningsAndErrors,\n hideConsoleLogsInStrictMode,\n browserTheme,\n });\n }\n\n const debug = (\n name: string,\n fiber:\n Fiber,\n parentFiber: ?Fiber,\n extraString?: string = "",\n ): void => {\n if (__DEBUG__) {\n const\n displayName =\n fiber.tag + ':' + (getDisplayNamesForFiber(fiber) || 'null');\n\n const maybeID =\n getFiberIDUnsafe(fiber) || '<no id>';\n\n const parentDisplayName = parentFiber\n ? parentFiber.tag +\n ':' +\n (getDisplayNamesForFiber(parentFiber) || 'null')\n : '';\n\n const maybeParentID = parentFiber\n ? getFiberIDUnsafe(parentFiber) || '<no-id>\n : '';\n\n console.groupCollapsed(\n `[renderer]\n %c${name} %c${displayName} (${maybeID}) %c${\n parentFiber ? `${parentDisplayName}\n (${maybeParentID})` : ''\n } %c${extraString}`,\n 'color: red; font-weight: bold;',\n 'color: blue;',\n 'color: purple;',\n 'color: black;',\n );\n console.log(\n new Error().stack\n .split("\\n")\n .slice(1)\n .join("\\n"),\n );\n console.groupEnd();\n } }\n\n // Configurable Components tree filters.\n const hideElementsWithDisplayNames: Set<RegExp> = new Set();\n const hideElementsWithPaths:\n Set<RegExp> = new Set();\n const hideElementsWithTypes: Set<ElementType> = new Set();\n\n // Highlight updates\n let traceUpdatesEnabled: boolean = false;\n const traceUpdatesForNodes: Set<NativeType> = new Set();\n\n function applyComponentFilters(componentFilters: Array<ComponentFilter>) {\n hideElementsWithTypes.clear();\n hideElementsWithDisplayNames.clear();\n hideElementsWithPaths.clear();\n\n componentFilters.forEach(componentFilter => {\n if\n (!componentFilter.isEnabled) {\n return;\n }\n\n switch (componentFilter.type) {\n case\n ComponentFilterDisplayName:\n if (componentFilter.isValid && componentFilter.value !== "") {\n hideElementsWithDisplayNames.add(\n new RegExp(componentFilter.value, 'i'),\n );\n }\n\n break;\n case ComponentFilterElementType:\n hideElementsWithTypes.add(componentFilter.value);\n\n break;\n case ComponentFilterLocation:\n if (componentFilter.isValid && componentFilter.value !== "") {\n hideElementsWithPaths.add(new RegExp(componentFilter.value, 'i'));\n }\n\n break;\n case\n ComponentFilterHOC:\n hideElementsWithDisplayNames.add(new RegExp("\\\\((\\w|\\d|\\s|\\.|\\/|\\?|\\*|\\+|\\$|\\%|\\&|\\@|\\#|\\^|\\|)")); break;\n default:\n console.warn(\n `Invalid component filter type "${componentFilter.type}"`,\n );\n\n break;\n }\n\n });\n\n }\n\n // The renderer interface can't read saved component filters directly,\n // because they are stored in localStorage within the context of the extension.\n // Instead it relies on the extension to pass filters through.\n if (window.__REACT_DEVTOOLS_COMPONENT_FILTERS__ != null) {\n applyComponentFilters(window.__REACT_DEVTOOLS_COMPONENT_FILTERS__); }\n\n //\n // Unfortunately this feature is not expected to work for React Native for now.\n // It would be annoying for us to spam YellowBox warnings with unactionable stuff,\n // so for now just skip this message...\n // console.warn('DevTools: Could not locate saved component filters');\n\n // Fallback to assuming the default filters in this case.\n applyComponentFilters(getDefaultComponentFilters()); }\n\n // If necessary, we can revisit optimizing this operation.\n // For example, we could add a new recursive unmount tree operation.\n // The unmount operations are already significantly smaller than mount operations though.\n // This is something to keep in mind for later.\n
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function updateComponentFilters(componentFilters: Array<ComponentFilter>) {\n  if (isProfiling) {\n    // Re-
    mounting a tree while profiling is in progress might break a lot of assumptions.\n    // If necessary, we could
    support this- but it doesn't seem like a necessary use case.\n    throw Error('Cannot modify filter preferences while
    profiling');\n  }\n  // Recursively unmount all roots.\n  hook.getFiberRoots(rendererID).forEach(root => {\n
  currentRootID = getOrGenerateFiberID(root.current);\n  // The TREE_OPERATION_REMOVE_ROOT
  operation serves two purposes:\n  // 1. It avoids sending unnecessary bridge traffic to clear a root.\n  // 2. It
  preserves Fiber IDs when remounting (below) which in turn ID to error/warning mapping.\n
  pushOperation(TREE_OPERATION_REMOVE_ROOT);\n  flushPendingEvents(root);\n  currentRootID = -
  1;\n  });\n  applyComponentFilters(componentFilters);\n  // Reset pseudo counters so that new path
  selections will be persisted.\n  rootDisplayNameCounter.clear();\n  // Recursively re-mount all roots with new
  filter criteria applied.\n  hook.getFiberRoots(rendererID).forEach(root => {\n  currentRootID =
  getOrGenerateFiberID(root.current);\n  setRootPseudoKey(currentRootID, root.current);\n
  mountFiberRecursively(root.current, null, false, false);\n  flushPendingEvents(root);\n  currentRootID = -1;\n
  });\n  // Also re-evaluate all error and warning counts given the new filters.\n
  reevaluateErrorsAndWarnings();\n  flushPendingEvents();\n  }\n  // NOTICE Keep in sync with get*ForFiber
  methods\n  function shouldFilterFiber(fiber: Fiber): boolean {\n  const { _debugSource, tag, type } = fiber;\n
  switch (tag) {\n  case DehydratedSuspenseComponent:\n    // TODO: ideally we would show dehydrated
    Suspense immediately.\n    // However, it has some special behavior (like disconnecting\n    // an alternate and
    turning into real Suspense) which breaks DevTools.\n    // For now, ignore it, and only show it once it gets
    hydrated.\n    // https://github.com/bvaughn/react-devtools-experimental/issues/197\n    return true;\n  case
    HostPortal:\n  case HostText:\n  case Fragment:\n  case LegacyHiddenComponent:\n  case
    OffscreenComponent:\n    return true;\n  case HostRoot:\n    // It is never valid to filter the root element.\n
    return false;\n  default:\n    const typeSymbol = getTypeSymbol(type);\n    switch (typeSymbol) {\n
    case CONCURRENT_MODE_NUMBER:\n    case CONCURRENT_MODE_SYMBOL_STRING:\n    case
    DEPRECATED_ASYNC_MODE_SYMBOL_STRING:\n    case STRICT_MODE_NUMBER:\n    case
    STRICT_MODE_SYMBOL_STRING:\n      return true;\n    default:\n      break;\n    }\n  }\n  const elementType =
  getElementForFiber(fiber);\n  if (hideElementsWithTypes.has(elementType)) {\n
  return true;\n  }\n  if (hideElementsWithDisplayNames.size > 0) {\n  const displayName =
  getDisplayNameForFiber(fiber);\n  if (displayName != null) {\n    // eslint-disable-next-line no-for-of-loops/no-
    for-of-loops\n    for (const displayNameRegExp of hideElementsWithDisplayNames) {\n    if
    (displayNameRegExp.test(displayName)) {\n      return true;\n    }\n  }\n  }\n  if
  (_debugSource != null && hideElementsWithPaths.size > 0) {\n  const { fileName } = _debugSource;\n  //
  eslint-disable-next-line no-for-of-loops/no-for-of-loops\n  for (const pathRegExp of hideElementsWithPaths) {\n
  if (pathRegExp.test(fileName)) {\n    return true;\n  }\n  }\n  }\n  return false;\n  }\n  // NOTICE
  Keep in sync with shouldFilterFiber() and other get*ForFiber methods\n  function getElementForFiber(fiber:
  Fiber): ElementType {\n  const { type, tag } = fiber;\n  switch (tag) {\n  case ClassComponent:\n  case
  IncompleteClassComponent:\n    return ElementTypeClass;\n  case FunctionComponent:\n  case
  IndeterminateComponent:\n    return ElementTypeFunction;\n  case ForwardRef:\n    return
  ElementTypeForwardRef;\n  case HostRoot:\n    return ElementTypeRoot;\n  case HostComponent:\n
  return ElementTypeHostComponent;\n  case HostPortal:\n  case HostText:\n  case Fragment:\n    return
  ElementTypeOtherOrUnknown;\n  case MemoComponent:\n  case SimpleMemoComponent:\n    return
  ElementTypeMemo;\n  case SuspenseComponent:\n    return ElementTypeSuspense;\n  case
  SuspenseListComponent:\n    return ElementTypeSuspenseList;\n  default:\n    const typeSymbol =
  getTypeSymbol(type);\n    switch (typeSymbol) {\n    case CONCURRENT_MODE_NUMBER:\n
  case CONCURRENT_MODE_SYMBOL_STRING:\n    case
  DEPRECATED_ASYNC_MODE_SYMBOL_STRING:\n      return ElementTypeOtherOrUnknown;\n    case
  PROVIDER_NUMBER:\n    case PROVIDER_SYMBOL_STRING:\n      return
  ElementTypeContext;\n    case CONTEXT_NUMBER:\n    case CONTEXT_SYMBOL_STRING:\n

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return ElementTypeContext;\n      case STRICT_MODE_NUMBER:\n      case
STRICT_MODE_SYMBOL_STRING:\n      return ElementTypeOtherOrUnknown;\n      case
PROFILER_NUMBER:\n      case PROFILER_SYMBOL_STRING:\n      return ElementTypeProfiler;\n
default:\n      return ElementTypeOtherOrUnknown;\n    }\n  }\n }\n // Map of one or more Fibers in a
pair to their unique id number.\n // We track both Fibers to support Fast Refresh,\n // which may forcefully replace
one of the pair as part of hot reloading.\n // In that case it's still important to be able to locate the previous ID during
subsequent renders.\n const fiberToIDMap: Map<Fiber, number> = new Map();\n // Map of id to one (arbitrary)
Fiber in a pair.\n // This Map is used to e.g. get the display name for a Fiber or schedule an update,\n // operations
that should be the same whether the current and work-in-progress Fiber is used.\n const idToArbitraryFiberMap:
Map<number, Fiber> = new Map();\n // When profiling is supported, we store the latest tree base durations for
each Fiber.\n // This is so that we can quickly capture a snapshot of those values if profiling starts.\n // If we didn't
store these values, we'd have to crawl the tree when profiling started,\n // and use a slow path to find each of the
current Fibers.\n const idToTreeBaseDurationMap: Map<number, number> = new Map();\n // When profiling is
supported, we store the latest tree base durations for each Fiber.\n // This map enables us to filter these times by root
when sending them to the frontend.\n const idToRootMap: Map<number, number> = new Map();\n // When a
mount or update is in progress, this value tracks the root that is being operated on.\n let currentRootID: number = -
1;\n // Returns the unique ID for a Fiber or generates and caches a new one if the Fiber hasn't been seen before.\n
// Once this method has been called for a Fiber, untrackFiberID() should always be called later to avoid leaking.\n
function getOrGenerateFiberID(fiber: Fiber): number {\n  let id = null;\n  if (fiberToIDMap.has(fiber)) {\n    id =
fiberToIDMap.get(fiber);\n  } else {\n    const {alternate} = fiber;\n    if (alternate !== null &&
fiberToIDMap.has(alternate)) {\n      id = fiberToIDMap.get(alternate);\n    }\n  }\n  let didGenerateID =
false;\n  if (id === null) {\n    didGenerateID = true;\n    id = getUID();\n  }\n  // This refinement is for Flow
purposes only.\n  const refinedID = ((id: any): number);\n  // Make sure we're tracking this Fiber\n  // e.g. if it
just mounted or an error was logged during initial render.\n  if (!fiberToIDMap.has(fiber)) {\n    fiberToIDMap.set(fiber, refinedID);\n    idToArbitraryFiberMap.set(refinedID, fiber);\n  }\n  // Also make sure
we're tracking its alternate.\n  // e.g. in case this is the first update after mount.\n  const {alternate} = fiber;\n  if
(alternate !== null) {\n    if (!fiberToIDMap.has(alternate)) {\n      fiberToIDMap.set(alternate, refinedID);\n    }\n  }\n  if (__DEBUG__) {\n    if (didGenerateID) {\n      debug(\n        'getOrGenerateFiberID()',\n        fiber,\n        fiber.return,\n        'Generated a new UID',\n        );\n    }\n  }\n  return refinedID;\n }\n // Returns an ID if one has already been generated for the Fiber or throws.\n function getFiberIDThrows(fiber: Fiber):
number {\n  const maybeID = getFiberIDUnsafe(fiber);\n  if (maybeID !== null) {\n    return maybeID;\n  }\n  throw Error(\n    `Could not find ID for Fiber "${getDisplayNamesForFiber(fiber)}"`,\n    );\n }\n // Returns an ID if one has already been generated for the Fiber or null if one has not been generated.\n // Use this method
while e.g. logging to avoid over-retaining Fibers.\n function getFiberIDUnsafe(fiber: Fiber): number | null {\n  if
(fiberToIDMap.has(fiber)) {\n    return ((fiberToIDMap.get(fiber): any): number);\n  } else {\n    const
{alternate} = fiber;\n    if (alternate !== null && fiberToIDMap.has(alternate)) {\n      return
((fiberToIDMap.get(alternate): any): number);\n    }\n  }\n  return null;\n }\n // Removes a Fiber (and its
alternate) from the Maps used to track their id.\n // This method should always be called when a Fiber is
unmounting.\n function untrackFiberID(fiber: Fiber) {\n  if (__DEBUG__) {\n    debug('untrackFiberID()', fiber,\n    fiber.return, 'schedule after delay');\n  }\n  // Untrack Fibers after a slight delay in order to support a Fast
Refresh edge case:\n  // 1. Component type is updated and Fast Refresh schedules an update+remount.\n  // 2.
flushPendingErrorsAndWarningsAfterDelay() runs, sees the old Fiber is no longer mounted\n  // (it's been
disconnected by Fast Refresh), and calls untrackFiberID() to clear it from the Map.\n  // 3. React flushes pending
passive effects before it runs the next render,\n  // which logs an error or warning, which causes a new ID to be
generated for this Fiber.\n  // 4. DevTools now tries to unmount the old Component with the new ID.\n  //\n  // The underlying problem here is the premature clearing of the Fiber ID,\n  // but DevTools has no way to detect that
a given Fiber has been scheduled for Fast Refresh.\n  // (The "_debugNeedsRemount" flag won't necessarily be
set.)\n  //\n  // The best we can do is to delay untracking by a small amount,\n  // and give React time to process

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the Fast Refresh delay.\n\n untrackFibersSet.add(fiber);\n\n // React may detach alternate pointers during
unmount;\n // Since our untracking code is async, we should explicitly track the pending alternate here as well.\n
const alternate = fiber.alternate;\n if (alternate !== null) {\n untrackFibersSet.add(alternate);\n }\n\n if
(untrackFibersTimeoutID === null) {\n untrackFibersTimeoutID = setTimeout(untrackFibers, 1000);\n }\n\n
}\n\n const untrackFibersSet: Set<Fiber> = new Set();\n let untrackFibersTimeoutID: TimeoutID | null = null;\n\n
function untrackFibers() {\n if (untrackFibersTimeoutID !== null) {\n
clearTimeout(untrackFibersTimeoutID);\n untrackFibersTimeoutID = null;\n }\n\n
untrackFibersSet.forEach(fiber => {\n const fiberID = getFiberIDUnsafe(fiber);\n if (fiberID !== null) {\n
idToArbitraryFiberMap.delete(fiberID);\n\n // Also clear any errors/warnings associated with this fiber.\n
clearErrorsForFiberID(fiberID);\n clearWarningsForFiberID(fiberID);\n }\n\n
fiberToIDMap.delete(fiber);\n\n const {alternate} = fiber;\n if (alternate !== null) {\n
fiberToIDMap.delete(alternate);\n }\n\n if (forceErrorForFiberIDs.has(fiberID)) {\n
forceErrorForFiberIDs.delete(fiberID);\n if (forceErrorForFiberIDs.size === 0 && setErrorHandler !== null) {\n
setErrorHandler(shouldErrorFiberAlwaysNull);\n }\n }\n\n }\n\n untrackFibersSet.clear();\n }\n\n
function getChangeDescription(\n prevFiber: Fiber | null,\n nextFiber: Fiber,\n ): ChangeDescription | null {\n
switch (getElementTypeForFiber(nextFiber)) {\n case ElementTypeClass:\n case ElementTypeFunction:\n
case ElementTypeMemo:\n case ElementTypeForwardRef:\n if (prevFiber === null) {\n return {\n
context: null,\n didHooksChange: false,\n isFirstMount: true,\n props: null,\n state:
null,\n };}\n } else {\n const data: ChangeDescription = {\n context:
getContextChangedKeys(nextFiber),\n didHooksChange: false,\n isFirstMount: false,\n props:
getChangedKeys(\n prevFiber.memoizedProps,\n nextFiber.memoizedProps,\n ),\n
state: getChangedKeys(\n prevFiber.memoizedState,\n nextFiber.memoizedState,\n ),\n
};\n\n // Only traverse the hooks list once, depending on what info we're returning.\n if
(enableProfilerChangedHookIndices) {\n const indices = getChangedHooksIndices(\n
prevFiber.memoizedState,\n nextFiber.memoizedState,\n );\n data.hooks = indices;\n
data.didHooksChange = indices !== null && indices.length > 0;\n } else {\n data.didHooksChange =
didHooksChange(\n prevFiber.memoizedState,\n nextFiber.memoizedState,\n );\n }\n\n
return data;\n }\n default:\n return null;\n }\n }\n\n function updateContextsForFiber(fiber:
Fiber) {\n switch (getElementTypeForFiber(fiber)) {\n case ElementTypeClass:\n case
ElementTypeForwardRef:\n case ElementTypeFunction:\n case ElementTypeMemo:\n if
(idToContextsMap !== null) {\n const id = getFiberIDThrows(fiber);\n const contexts =
getContextsForFiber(fiber);\n if (contexts !== null) {\n idToContextsMap.set(id, contexts);\n
}\n }\n break;\n default:\n break;\n }\n }\n\n // Differentiates between a null context value and no
context.\n const NO_CONTEXT = {};\n\n function getContextsForFiber(fiber: Fiber): [Object, any] | null {\n let
legacyContext = NO_CONTEXT;\n let modernContext = NO_CONTEXT;\n\n switch
(getElementTypeForFiber(fiber)) {\n case ElementTypeClass:\n const instance = fiber.stateNode;\n if
(instance !== null) {\n if (\n instance.constructor &&\n instance.constructor.contextType !== null\n
)\n modernContext = instance.context;\n } else {\n legacyContext = instance.context;\n
if (legacyContext && Object.keys(legacyContext).length === 0) {\n legacyContext = NO_CONTEXT;\n
}\n }\n }\n return [legacyContext, modernContext];\n case ElementTypeForwardRef:\n
case ElementTypeFunction:\n case ElementTypeMemo:\n const dependencies = fiber.dependencies;\n if
(dependencies && dependencies.firstContext) {\n modernContext = dependencies.firstContext;\n
}\n\n return [legacyContext, modernContext];\n default:\n return null;\n }\n }\n\n // Record all contexts at the
time profiling is started.\n // Fibers only store the current context value,\n // so we need to track them separately in
order to determine changed keys.\n function crawlToInitializeContextsMap(fiber: Fiber) {\n const id =
getFiberIDUnsafe(fiber);\n\n // Not all Fibers in the subtree have mounted yet.\n // For example, Offscreen
(hidden) or Suspense (suspended) subtrees won't yet be tracked.\n // We can safely skip these subtrees.\n if (id
!== null) {\n updateContextsForFiber(fiber);\n let current = fiber.child;\n while (current !== null) {\n

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crawlToInitializeContextsMap(current);\n    current = current.sibling;\n    }\n  }\n}\n\n function
getContextChangedKeys(fiber: Fiber): null | boolean | Array<string> {\n  if (idToContextsMap !== null) {\n
const id = getFiberIDThrows(fiber);\n    const prevContexts = idToContextsMap.has(id)\n    ?
idToContextsMap.get(id)\n    : null;\n    const nextContexts = getContextsForFiber(fiber);\n\n    if
(prevContexts == null || nextContexts == null) {\n      return null;\n    }\n\n    const [prevLegacyContext,
prevModernContext] = prevContexts;\n    const [nextLegacyContext, nextModernContext] = nextContexts;\n\n
switch (getElementTypeInfo(fiber)) {\n    case ElementTypeClass:\n      if (prevContexts &&
nextContexts) {\n        if (nextLegacyContext !== NO_CONTEXT) {\n          return
getChangedKeys(prevLegacyContext, nextLegacyContext);\n        } else if (nextModernContext !==
NO_CONTEXT) {\n          return prevModernContext !== nextModernContext;\n        }\n      }\n
break;\n    case ElementTypeForwardRef:\n    case ElementTypeFunction:\n    case ElementTypeMemo:\n
if (nextModernContext !== NO_CONTEXT) {\n      let prevContext = prevModernContext;\n      let
nextContext = nextModernContext;\n\n      while (prevContext && nextContext) {\n        // Note this only
works for versions of React that support this key (e.v. 18+)\n        // For older versions, there's no good way to
read the current context value after render has completed.\n        // This is because React maintains a stack of
context values during render,\n        // but by the time DevTools is called, render has finished and the stack is
empty.\n        if (!is(prevContext.memoizedValue, nextContext.memoizedValue)) {\n          return true;\n
        }\n        prevContext = prevContext.next;\n        nextContext = nextContext.next;\n      }\n
return false;\n    }\n    break;\n    default:\n      break;\n  }\n}\n\n return null;\n}\n\n function
areHookInputsEqual(\n  nextDeps: Array<mixed>,\n  prevDeps: Array<mixed> | null,\n ) {\n  if (prevDeps ====
null) {\n    return false;\n  }\n\n  for (let i = 0; i < prevDeps.length && i < nextDeps.length; i++) {\n    if
(is(nextDeps[i], prevDeps[i])) {\n      continue;\n    }\n    return false;\n  }\n  return true;\n}\n\n function
isEffect(memoizedState) {\n  if (memoizedState ==== null || typeof memoizedState !== 'object') {\n    return
false;\n  }\n  const {deps} = memoizedState;\n  const boundHasOwnProperty =
hasOwnProperty.bind(memoizedState);\n  return (\n    boundHasOwnProperty('create') &&\n
boundHasOwnProperty('destroy') &&\n    boundHasOwnProperty('deps') &&\n    boundHasOwnProperty('next')
&&\n    boundHasOwnProperty('tag') &&\n    (deps ==== null || isArray(deps))\n  );\n}\n\n function
didHookChange(prev: any, next: any): boolean {\n  const prevMemoizedState = prev.memoizedState;\n  const
nextMemoizedState = next.memoizedState;\n\n  if (isEffect(prevMemoizedState) &&
isEffect(nextMemoizedState)) {\n    return (\n      prevMemoizedState !== nextMemoizedState &&\n
!areHookInputsEqual(nextMemoizedState.deps, prevMemoizedState.deps)\n    );\n  }\n  return
nextMemoizedState !== prevMemoizedState;\n}\n\n function didHooksChange(prev: any, next: any): boolean {\n
if (prev == null || next == null) {\n  return false;\n}\n\n // We can't report anything meaningful for hooks
changes.\n  if (\n    next.hasOwnProperty('baseState') &&\n    next.hasOwnProperty('memoizedState') &&\n
next.hasOwnProperty('next') &&\n    next.hasOwnProperty('queue')\n  ) {\n    while (next !== null) {\n      if
(didHookChange(prev, next)) {\n        return true;\n      } else {\n        next = next.next;\n        prev =
prev.next;\n      }\n    }\n  }\n  return false;\n}\n\n function getChangedHooksIndices(prev: any, next: any):
null | Array<number> {\n  if (enableProfilerChangedHookIndices) {\n    if (prev == null || next == null) {\n
return null;\n    }\n\n    const indices = [];\n    let index = 0;\n    if (\n      next.hasOwnProperty('baseState')
&&\n      next.hasOwnProperty('memoizedState') &&\n      next.hasOwnProperty('next') &&\n
next.hasOwnProperty('queue')\n    ) {\n      while (next !== null) {\n        if (didHookChange(prev, next)) {\n
indices.push(index);\n        }\n        next = next.next;\n        prev = prev.next;\n        index++;\n      }\n
}\n\n    return indices;\n  }\n  return null;\n}\n\n function getChangedKeys(prev: any, next: any): null |
Array<string> {\n  if (prev == null || next == null) {\n    return null;\n  }\n\n  // We can't report anything
meaningful for hooks changes.\n  if (\n    next.hasOwnProperty('baseState') &&\n    next.hasOwnProperty('memoizedState') &&\n
next.hasOwnProperty('next') &&\n    next.hasOwnProperty('queue')\n  ) {\n    return null;\n  }\n\n  const keys = new Set([...Object.keys(prev),
...Object.keys(next)]);\n  const changedKeys = [];\n  // eslint-disable-next-line no-for-of-loops/no-for-of-loops\n

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for (const key of keys) {\n  if (prev[key] !== next[key]) {\n    changedKeys.push(key);\n  }\n}\n\nreturn\nchangedKeys;\n}\n\n// eslint-disable-next-line no-unused-vars\nfunction didFiberRender(prevFiber: Fiber,\nnextFiber: Fiber): boolean {\n  switch (nextFiber.tag) {\n    case ClassComponent:\n    case\nFunctionComponent:\n    case ContextConsumer:\n    case MemoComponent:\n    case\nSimpleMemoComponent:\n      // For types that execute user code, we check PerformedWork effect.\n      // We\n      // don't reflect bailouts (either referential or sCU) in DevTools.\n      // eslint-disable-next-line no-bitwise\n      return\n      (getFiberFlags(nextFiber) & PerformedWork) === PerformedWork;\n      // Note: ContextConsumer only gets\n      // PerformedWork effect in 16.3.3+\n      // so it won't get highlighted with React 16.3.0 to 16.3.2.\n      default:\n      // For host components and other types, we compare inputs\n      // to determine whether something is an update.\n      return (\n        prevFiber.memoizedProps !== nextFiber.memoizedProps ||\n        prevFiber.memoizedState !==\n        nextFiber.memoizedState ||\n        prevFiber.ref !== nextFiber.ref\n      );\n    }\n  }\n}\n\n type OperationsArray =\nArray<number>;\n\n type StringTableEntry = {\n  encodedString: Array<number>,\n  id: number,\n};\n\n const pendingOperations: OperationsArray = [];\n const pendingRealUnmountedIDs: Array<number> = [];\n const\n pendingSimulatedUnmountedIDs: Array<number> = [];\n let pendingOperationsQueue: Array<OperationsArray> |\nnull = [];\n const pendingStringTable: Map<string, StringTableEntry> = new Map();\n let\n pendingStringTableLength: number = 0;\n let pendingUnmountedRootID: number | null = null;\n\n function\n pushOperation(op: number): void {\n  if (__DEV__) {\n    if (!Number.isInteger(op)) {\n      console.error(\n        'pushOperation() was called but the value is not an integer.',\n        op,\n      );\n    }\n  }\n\n  pendingOperations.push(op);\n}\n\n function flushOrQueueOperations(operations: OperationsArray): void {\n  if\n  (operations.length === 3) {\n    // This operations array is a no op: [renderer ID, root ID, string table size (0)]\n    // We can usually skip sending updates like this across the bridge, unless we're Profiling.\n    // In that case, even\n    // though the tree didn't change– some Fibers may have still rendered.\n    if (!isProfiling ||\n        currentCommitProfilingMetadata == null ||\n        currentCommitProfilingMetadata.durations.length === 0\n      )\n      {\n        return;\n      }\n    }\n\n    if (pendingOperationsQueue !== null) {\n      pendingOperationsQueue.push(operations);\n    } else {\n      hook.emit('operations', operations);\n    }\n  }\n\n  let\n  flushPendingErrorsAndWarningsAfterDelayTimeoutID = null;\n\n  function\n  clearPendingErrorsAndWarningsAfterDelay()\n  {\n    if (flushPendingErrorsAndWarningsAfterDelayTimeoutID !==\n        null) {\n      clearTimeout(flushPendingErrorsAndWarningsAfterDelayTimeoutID);\n    }\n\n    flushPendingErrorsAndWarningsAfterDelayTimeoutID = null;\n  }\n\n  function\n  flushPendingErrorsAndWarningsAfterDelay()\n  {\n    clearPendingErrorsAndWarningsAfterDelay();\n\n    flushPendingErrorsAndWarningsAfterDelayTimeoutID = setTimeout(() => {\n      flushPendingErrorsAndWarningsAfterDelayTimeoutID = null;\n      if (pendingOperations.length > 0) {\n        //\n        // On the off chance that something else has pushed pending operations,\n        // we should bail on warnings; it's\n        // probably not safe to push midway.\n        return;\n      }\n      recordPendingErrorsAndWarnings();\n      if\n      (pendingOperations.length === 0) {\n        // No warnings or errors to flush; we can bail out early here too.\n        return;\n      }\n      // We can create a smaller operations array than flushPendingEvents()\n      // because we only\n      // need to flush warning and error counts.\n      // Only a few pieces of fixed information are required up front.\n      const operations: OperationsArray = new Array(\n        3 + pendingOperations.length,\n      );\n      operations[0] =\n      rendererID;\n      operations[1] = currentRootID;\n      operations[2] = 0; // String table size\n      for (let j = 0; j <\n        pendingOperations.length; j++) {\n        operations[3 + j] = pendingOperations[j];\n      }\n      flushOrQueueOperations(operations);\n      pendingOperations.length = 0;\n    }, 1000);\n  }\n\n  function\n  reevaluateErrorsAndWarnings()\n  {\n    fibersWithChangedErrorOrWarningCounts.clear();\n\n    fiberIDToErrorsMap.forEach((countMap, fiberID) => {\n      const fiber = idToArbitraryFiberMap.get(fiberID);\n      if\n      (fiber !== null) {\n        fibersWithChangedErrorOrWarningCounts.add(fiber);\n      }\n    });\n\n    fiberIDToWarningsMap.forEach((countMap, fiberID) => {\n      const fiber =\n        idToArbitraryFiberMap.get(fiberID);\n      if (fiber !== null) {\n        fibersWithChangedErrorOrWarningCounts.add(fiber);\n      }\n    });\n    recordPendingErrorsAndWarnings();\n  }\n\n  function mergeMapsAndGetCountHelper(\n    fiber: Fiber,\n    fiberID: number,\n
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pendingFiberToMessageCountMap: Map<Fiber, Map<string, number>>,\n  fiberIDToMessageCountMap:
Map<number, Map<string, number>>,\n ): number {\n  let newCount = 0;\n  let messageCountMap =
fiberIDToMessageCountMap.get(fiberID);\n  const pendingMessageCountMap =
pendingFiberToMessageCountMap.get(fiber);\n  if (pendingMessageCountMap != null) {\n    if
(messageCountMap == null) {\n      messageCountMap = pendingMessageCountMap;\n\n
fiberIDToMessageCountMap.set(fiberID, pendingMessageCountMap);\n    } else {\n      // This Flow refinement
should not be necessary and yet...\n      const refinedMessageCountMap = ((messageCountMap: any): Map<\n
string,\n      number,\n      >);\n      pendingMessageCountMap.forEach((pendingCount, message) => {\n
const previousCount = refinedMessageCountMap.get(message) || 0;\n      refinedMessageCountMap.set(message,
previousCount + pendingCount);\n    });\n  }\n  if (!shouldFilterFiber(fiber)) {\n    if
(messageCountMap != null) {\n      messageCountMap.forEach(count => {\n        newCount += count;\n      });\n    }\n  }\n  pendingFiberToMessageCountMap.delete(fiber);\n  return newCount;\n}\n\nfunction
recordPendingErrorsAndWarnings() {\n  clearPendingErrorsAndWarningsAfterDelay();\n}\n\nfibersWithChangedErrorOrWarningCounts.forEach(fiber => {\n  const fiberID = getFiberIDUnsafe(fiber);\n  if
(fiberID === null) {\n    // Don't send updates for Fibers that didn't mount due to e.g. Suspense or an error
boundary.\n  } else {\n    const errorCount = mergeMapsAndGetCountHelper(\n      fiber,\n      fiberID,\n      pendingFiberToErrorsMap,\n      fiberIDToErrorsMap,\n    );\n    const warningCount =
mergeMapsAndGetCountHelper(\n      fiber,\n      fiberID,\n      pendingFiberToWarningsMap,\n      fiberIDToWarningsMap,\n    );\n\n    pushOperation(TREE_OPERATION_UPDATE_ERRORS_OR_WARNINGS);\n    pushOperation(fiberID);\n    pushOperation(errorCount);\n    pushOperation(warningCount);\n  }\n  // Always clean up so that we don't
leak.\n  pendingFiberToErrorsMap.delete(fiber);\n  pendingFiberToWarningsMap.delete(fiber);\n});\n\nfibersWithChangedErrorOrWarningCounts.clear();\n}\n\nfunction flushPendingEvents(root: Object): void {\n  //
Add any pending errors and warnings to the operations array.\n  // We do this just before flushing, so we can ignore
errors for no-longer-mounted Fibers.\n  recordPendingErrorsAndWarnings();\n\n  if (\n    pendingOperations.length === 0 &&\n    pendingRealUnmountedIDs.length === 0 &&\n    pendingSimulatedUnmountedIDs.length === 0 &&\n    pendingUnmountedRootID === null\n  ) {\n    // If we
aren't profiling, we can just bail out here.\n    // No use sending an empty update over the bridge.\n    // The Profiler stores metadata for each commit and reconstructs the app tree per commit using:\n    // (1) an initial tree
snapshot and\n    // (2) the operations array for each commit\n    // Because of this, it's important that the
operations and metadata arrays align,\n    // So it's important not to omit even empty operations while profiling is
active.\n    if (!isProfiling) {\n      return;\n    }\n  }\n  const numUnmountIDs =\n    pendingRealUnmountedIDs.length +\n    pendingSimulatedUnmountedIDs.length +\n    (pendingUnmountedRootID === null ? 0 : 1);\n  const operations = new Array(\n    // Identify which renderer
this update is coming from.\n    2 + // [rendererID, rootFiberID]\n    // How big is the string table?\n    1 + //
[stringTableLength]\n    // Then goes the actual string table.\n    pendingStringTableLength +\n    // All
unmounts are batched in a single message.\n    // [TREE_OPERATION_REMOVE, removedIDLength, ...ids]\n    (numUnmountIDs > 0 ? 2 + numUnmountIDs : 0) +\n    // Regular operations\n    pendingOperations.length,\n  );\n  // Identify which renderer this update is coming from.\n  // This enables roots to be mapped to renderers,\n  // Which in turn enables fiber props, states, and hooks to be inspected.\n  let i = 0;\n  operations[i++] =
rendererID;\n  operations[i++] = currentRootID;\n  // Now fill in the string table.\n  // [stringTableLength,
str1Length, ...str1, str2Length, ...str2, ...]\n  operations[i++] = pendingStringTableLength;\n\n  pendingStringTable.forEach((entry, stringKey) => {\n    const encodedString = entry.encodedString;\n    //
Don't use the string length.\n    // It won't work for multibyte characters (like emoji).\n    const length =
encodedString.length;\n    operations[i++] = length;\n    for (let j = 0; j < length; j++) {\n      operations[i + j] =
encodedString[j];\n    }\n    i += length;\n  });\n  if (numUnmountIDs > 0) {\n    // All unmounts except
roots are batched in a single message.\n    operations[i++] = TREE_OPERATION_REMOVE;\n    // The first
number is how many unmounted IDs we're gonna send.\n    operations[i++] = numUnmountIDs;\n    // Fill in the

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real unmounts in the reverse order.\n    // They were inserted parents-first by React, but we want children-first.\n    // So we traverse our array backwards.\n    for (let j = pendingRealUnmountedIDs.length - 1; j >= 0; j--) {\n      operations[i++] = pendingRealUnmountedIDs[j];\n    }\n    // Fill in the simulated unmounts (hidden Suspense subtrees) in their order.\n    // (We want children to go before parents.)\n    // They go *after* the real unmounts because we know for sure they won't be\n    // children of already pushed \"real\" IDs. If they were, we wouldn't be able\n    // to discover them during the traversal, as they would have been deleted.\n    for (let j = 0; j < pendingSimulatedUnmountedIDs.length; j++) {\n      operations[i + j] = pendingSimulatedUnmountedIDs[j];\n    }\n    i += pendingSimulatedUnmountedIDs.length;\n    // The root ID should always be unmounted last.\n    if (pendingUnmountedRootID !== null) {\n      operations[i] = pendingUnmountedRootID;\n      i++;\n    }\n    // Fill in the rest of the operations.\n    for (let j = 0; j < pendingOperations.length; j++) {\n      operations[i + j] = pendingOperations[j];\n    }\n    i += pendingOperations.length;\n    // Let the frontend know about tree operations.\n    flushOrQueueOperations(operations);\n    // Reset all of the pending state now that we've told the frontend about it.\n    pendingOperations.length = 0;\n    pendingRealUnmountedIDs.length = 0;\n    pendingSimulatedUnmountedIDs.length = 0;\n    pendingUnmountedRootID = null;\n    pendingStringTable.clear();\n    pendingStringTableLength = 0;\n  }\n  function getStringID(string: string | null): number {\n    if (string === null) {\n      return 0;\n    }\n    const existingEntry = pendingStringTable.get(string);\n    if (existingEntry !== undefined) {\n      return existingEntry.id;\n    }\n    const id = pendingStringTable.size + 1;\n    const encodedString = utfEncodeString(string);\n    pendingStringTable.set(string, {\n      encodedString,\n      id,\n    });\n    // The string table total length needs to account both for the string length,\n    // and for the array item that contains the length itself.\n    // Don't use string length for this table.\n    // It won't work for multibyte characters (like emoji).\n    pendingStringTableLength += encodedString.length + 1;\n    return id;\n  }\n  function recordMount(fiber: Fiber, parentFiber: Fiber | null) {\n    const isRoot = fiber.tag === HostRoot;\n    const id = getOrGenerateFiberID(fiber);\n    if (__DEBUG__) {\n      debug('recordMount()', fiber, parentFiber);\n    }\n    const hasOwnerMetadata = fiber.hasOwnProperty('_debugOwner');\n    const isProfilingSupported = fiber.hasOwnProperty('treeBaseDuration');\n    if (isRoot) {\n      pushOperation(TREE_OPERATION_ADD);\n      pushOperation(id);\n      pushOperation(ElementTypeRoot);\n      pushOperation((fiber.mode & StrictModeBits) !== 0 ? 1 : 0);\n      pushOperation(isProfilingSupported ? 1 : 0);\n      pushOperation(StrictModeBits !== 0 ? 1 : 0);\n      pushOperation(hasOwnerMetadata ? 1 : 0);\n      if (isProfiling) {\n        if (displayNamesByRootID !== null) {\n          displayNamesByRootID.set(id, getDisplayNameForRoot(fiber));\n        }\n      } else {\n        const {key} = fiber;\n        const displayName = getDisplayNameForFiber(fiber);\n        const elementType = getElementTypeForFiber(fiber);\n        const {_debugOwner} = fiber;\n        // Ideally we should call getFiberIDThrows() for _debugOwner,\n        // since owners are almost always higher in the tree (and so have already been processed),\n        // but in some (rare) instances reported in open source, a descendant mounts before an owner.\n        // Since this is a DEV only field it's probably okay to also just lazily generate an ID here if needed.\n        // See https://github.com/facebook/react/issues/21445\n        const ownerID =\n          _debugOwner !== null ?\n          getOrGenerateFiberID(_debugOwner) : 0;\n        const parentID = parentFiber ? getFiberIDThrows(parentFiber) : 0;\n        const displayNameStringID = getStringID(displayName);\n        // This check is a guard to handle a React element that has been modified\n        // in such a way as to bypass the default stringification of the \"key\" property.\n        const keyString = key === null ? null : String(key);\n        const keyStringID = getStringID(keyString);\n        pushOperation(TREE_OPERATION_ADD);\n        pushOperation(id);\n        pushOperation(elementType);\n        pushOperation(parentID);\n        pushOperation(ownerID);\n        pushOperation(displayNameStringID);\n        pushOperation(keyStringID);\n        // If this subtree has a new mode, let the frontend know.\n        if ((fiber.mode & StrictModeBits) !== 0 &&\n          (((parentFiber: any): Fiber).mode & StrictModeBits) === 0\n        ) {\n          pushOperation(TREE_OPERATION_SET_SUBTREE_MODE);\n          pushOperation(id);\n          pushOperation(StrictMode);\n        }\n      }\n      if (isProfilingSupported) {\n        idToRootMap.set(id, currentRootID);\n        recordProfilingDurations(fiber);\n      }\n    }\n  }\n  function recordUnmount(fiber: Fiber, isSimulated: boolean) {\n    if (__DEBUG__) {\n      debug(\n        'recordUnmount()',\n        fiber,\n        null,\n        isSimulated ? 'unmount is simulated' : '',\n      );\n    }\n    if (trackedPathMatchFiber !== null) {\n      // We're in

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the process of trying to restore previous selection.\n // If this fiber matched but is being unmounted, there's no use
trying.\n // Reset the state so we don't keep holding onto it.\n if (\n fiber === trackedPathMatchFiber ||\n fiber === trackedPathMatchFiber.alternate\n ) {\n setTrackedPath(null);\n }\n }\n\n const unsafeID
= getFiberIDUnsafe(fiber);\n if (unsafeID === null) {\n // If we've never seen this Fiber, it might be inside of a
legacy render Suspense fragment (so the store is not even aware of it).\n // In that case we can just ignore it or it
will cause errors later on.\n // One example of this is a Lazy component that never resolves before being
unmounted.\n //\n // This also might indicate a Fast Refresh force-remount scenario.\n //\n // TODO:
This is fragile and can obscure actual bugs.\n return;\n }\n\n // Flow refinement.\n const id = ((unsafeID:
any): number);\n const isRoot = fiber.tag === HostRoot;\n if (isRoot) {\n // Roots must be removed only after
all children (pending and simulated) have been removed.\n // So we track it separately.\n
pendingUnmountedRootID = id;\n } else if (!shouldFilterFiber(fiber)) {\n // To maintain child-first ordering,\n
// we'll push it into one of these queues,\n // and later arrange them in the correct order.\n if (isSimulated) {\n
pendingSimulatedUnmountedIDs.push(id);\n } else {\n pendingRealUnmountedIDs.push(id);\n }\n
}\n\n if (!fiber._debugNeedsRemount) {\n untrackFiberID(fiber);\n\n const isProfilingSupported =
fiber.hasOwnProperty('treeBaseDuration');\n if (isProfilingSupported) {\n idToRootMap.delete(id);\n
idToTreeBaseDurationMap.delete(id);\n }\n }\n\n function mountFiberRecursively(\n firstChild:
Fiber,\n parentFiber: Fiber | null,\n traverseSiblings: boolean,\n traceNearestHostComponentUpdate:
boolean,\n ) {\n // Iterate over siblings rather than recursing.\n // This reduces the chance of stack overflow for
wide trees (e.g. lists with many items).\n let fiber: Fiber | null = firstChild;\n while (fiber !== null) {\n //
Generate an ID even for filtered Fibers, in case it's needed later (e.g. for Profiling).\n
getOrGenerateFiberID(fiber);\n\n if (__DEBUG__) {\n debug('mountFiberRecursively()', fiber,
parentFiber);\n }\n\n // If we have the tree selection from previous reload, try to match this Fiber.\n // Also
remember whether to do the same for siblings.\n const mightSiblingsBeOnTrackedPath =
updateTrackedPathStateBeforeMount(\n fiber,\n );\n\n const shouldIncludeInTree =
!shouldFilterFiber(fiber);\n if (shouldIncludeInTree) {\n recordMount(fiber, parentFiber);\n }\n\n if
(traceUpdatesEnabled) {\n if (traceNearestHostComponentUpdate) {\n const elementType =
getElementTypeForFiber(fiber);\n // If an ancestor updated, we should mark the nearest host nodes for
highlighting.\n if (elementType === ElementTypeHostComponent) {\n
traceUpdatesForNodes.add(fiber.stateNode);\n traceNearestHostComponentUpdate = false;\n }\n
}\n\n // We intentionally do not re-enable the traceNearestHostComponentUpdate flag in this branch,\n //
because we don't want to highlight every host node inside of a newly mounted subtree.\n }\n\n const
isSuspense = fiber.tag === ReactTypeOfWork.SuspenseComponent;\n if (isSuspense) {\n const isTimedOut
= fiber.memoizedState !== null;\n if (isTimedOut) {\n // Special case: if Suspense mounts in a timed-out
state,\n // get the fallback child from the inner fragment and mount\n // it as if it was our own child.
Updates handle this too.\n const primaryChildFragment = fiber.child;\n const fallbackChildFragment =
primaryChildFragment\n ? primaryChildFragment.sibling\n : null;\n const fallbackChild =
fallbackChildFragment\n ? fallbackChildFragment.child\n : null;\n if (fallbackChild !== null) {\n
mountFiberRecursively(\n fallbackChild,\n shouldIncludeInTree ? fiber : parentFiber,\n
true,\n traceNearestHostComponentUpdate,\n );\n }\n } else {\n let primaryChild:
Fiber | null = null;\n const areSuspenseChildrenConditionallyWrapped =\n OffscreenComponent === -
1;\n if (areSuspenseChildrenConditionallyWrapped) {\n primaryChild = fiber.child;\n } else if
(fiber.child !== null) {\n primaryChild = fiber.child.child;\n }\n if (primaryChild !== null) {\n
mountFiberRecursively(\n primaryChild,\n shouldIncludeInTree ? fiber : parentFiber,\n
true,\n traceNearestHostComponentUpdate,\n );\n }\n }\n } else {\n if (fiber.child
!== null) {\n mountFiberRecursively(\n fiber.child,\n shouldIncludeInTree ? fiber :
parentFiber,\n true,\n traceNearestHostComponentUpdate,\n );\n }\n }\n\n // We're
exiting this Fiber now, and entering its siblings.\n // If we have selection to restore, we might need to re-activate
tracking.\n updateTrackedPathStateAfterMount(mightSiblingsBeOnTrackedPath);\n\n fiber = traverseSiblings

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? fiber.sibling : null;\n  }\n }\n\n // We use this to simulate unmounting for Suspense trees\n // when we switch
from primary to fallback.\n function unmountFiberChildrenRecursively(fiber: Fiber) {\n  if (__DEBUG__) {\n  debug('unmountFiberChildrenRecursively()', fiber);\n  }\n\n // We might meet a nested Suspense on our way.\n  const isTimedOutSuspense =\n    fiber.tag === ReactTypeOfWork.SuspenseComponent &&\n    fiber.memoizedState !== null;\n\n  let child = fiber.child;\n  if (isTimedOutSuspense) {\n    // If it's showing
fallback tree, let's traverse it instead.\n    const primaryChildFragment = fiber.child;\n    const
fallbackChildFragment = primaryChildFragment\n      ? primaryChildFragment.sibling\n      : null;\n    // Skip
over to the real Fiber child.\n    child = fallbackChildFragment ? fallbackChildFragment.child : null;\n  }\n\n  while (child !== null) {\n    // Record simulated unmounts children-first.\n    // We skip nodes without return
because those are real unmounts.\n    if (child.return !== null) {\n      unmountFiberChildrenRecursively(child);\n      recordUnmount(child, true);\n    }\n    child = child.sibling;\n  }\n }\n\n function
recordProfilingDurations(fiber: Fiber) {\n  const id = getFiberIDThrows(fiber);\n  const {actualDuration,
treeBaseDuration} = fiber;\n\n  idToTreeBaseDurationMap.set(id, treeBaseDuration || 0);\n\n  if (isProfiling) {\n    const {alternate} = fiber;\n\n    // It's important to update treeBaseDuration even if the current Fiber did not
render,\n    // because it's possible that one of its descendants did.\n    if (\n      alternate === null ||\n      treeBaseDuration !== alternate.treeBaseDuration\n    ) {\n      // Tree base duration updates are included in the
operations typed array.\n      // So we have to convert them from milliseconds to microseconds so we can send them
as ints.\n      const convertedTreeBaseDuration = Math.floor(\n        (treeBaseDuration || 0) * 1000,\n      );\n      pushOperation(TREE_OPERATION_UPDATE_TREE_BASE_DURATION);\n      pushOperation(id);\n      pushOperation(convertedTreeBaseDuration);\n    }\n\n    if (alternate === null || didFiberRender(alternate, fiber))\n    {\n      if (actualDuration !== null) {\n        // The actual duration reported by React includes time spent working on
children.\n        // This is useful information, but it's also useful to be able to exclude child durations.\n        // The
frontend can't compute this, since the immediate children may have been filtered out.\n        // So we need to do this
on the backend.\n        // Note that this calculated self duration is not the same thing as the base duration.\n        //
The two are calculated differently (tree duration does not accumulate).\n        let selfDuration = actualDuration;\n\n        let child = fiber.child;\n        while (child !== null) {\n          selfDuration -= child.actualDuration || 0;\n          child = child.sibling;\n        }\n\n        // If profiling is active, store durations for elements that were rendered
during the commit.\n        // Note that we should do this for any fiber we performed work on, regardless of its
actualDuration value.\n        // In some cases actualDuration might be 0 for fibers we worked on (particularly if
we're using Date.now)\n        // In other cases (e.g. Memo) actualDuration might be greater than 0 even if we
\"bailed out\".\n        const metadata = ((currentCommitProfilingMetadata: any): CommitProfilingData);\n        metadata.durations.push(id, actualDuration, selfDuration);\n        metadata.maxActualDuration = Math.max(\n          metadata.maxActualDuration,\n          actualDuration,\n        );\n\n        if (recordChangeDescriptions) {\n          const changeDescription = getChangeDescription(alternate, fiber);\n          if (changeDescription !== null) {\n            if (metadata.changeDescriptions !== null) {\n              metadata.changeDescriptions.set(id, changeDescription);\n            }\n          }\n          updateContextsForFiber(fiber);\n        }\n      }\n    }\n\n    function
recordResetChildren(fiber: Fiber, childSet: Fiber) {\n      if (__DEBUG__) {\n        debug('recordResetChildren()',
childSet, fiber);\n      }\n      // The frontend only really cares about the displayName, key, and children.\n      // The first
two don't really change, so we are only concerned with the order of children here.\n      // This is trickier than a simple
comparison though, since certain types of fibers are filtered.\n      const nextChildren: Array<number> = [];\n      //
This is a naive implementation that shallowly recurses children.\n      // We might want to revisit this if it proves to
be too inefficient.\n      let child = childSet;\n      while (child !== null) {\n        findReorderedChildrenRecursively(child, nextChildren);\n        child = child.sibling;\n      }\n      const numChildren =
nextChildren.length;\n      if (numChildren < 2) {\n        // No need to reorder.\n        return;\n      }\n      pushOperation(TREE_OPERATION_REORDER_CHILDREN);\n      pushOperation(getFiberIDThrows(fiber));\n      pushOperation(numChildren);\n      for (let i = 0; i < nextChildren.length; i++) {\n        pushOperation(nextChildren[i]);\n      }\n    }\n\n    function findReorderedChildrenRecursively(\n      fiber: Fiber,\n      nextChildren: Array<number>,\n    ) {\n      if (!shouldFilterFiber(fiber)) {\n

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nextChildren.push(getFiberIDThrows(fiber));\n  } else {\n    let child = fiber.child;\n    const
isTimedOutSuspense =\n    fiber.tag === SuspenseComponent && fiber.memoizedState !== null;\n    if
(isTimedOutSuspense) {\n      // Special case: if Suspense mounts in a timed-out state,\n      // get the fallback
child from the inner fragment,\n      // and skip over the primary child.\n      const primaryChildFragment =
fiber.child;\n      const fallbackChildFragment = primaryChildFragment\n        ? primaryChildFragment.sibling\n
        : null;\n      const fallbackChild = fallbackChildFragment\n        ? fallbackChildFragment.child\n
        : null;\n      if (fallbackChild !== null) {\n        child = fallbackChild;\n      }\n    }\n    while (child !== null) {\n
findReorderedChildrenRecursively(child, nextChildren);\n    child = child.sibling;\n  }\n}\n}\n\n// Returns
whether closest unfiltered fiber parent needs to reset its child list.\nfunction updateFiberRecursively(\n  nextFiber:
Fiber,\n  prevFiber: Fiber,\n  parentFiber: Fiber | null,\n  traceNearestHostComponentUpdate: boolean,\n  ):
boolean {\n  const id = getOrGenerateFiberID(nextFiber);\n\n  if (__DEBUG__) {\n    debug('updateFiberRecursively()',
nextFiber, parentFiber);\n  }\n\n  if (traceUpdatesEnabled) {\n    const
elementType = getElementTypeInfoForFiber(nextFiber);\n    if (traceNearestHostComponentUpdate) {\n      // If an
ancestor updated, we should mark the nearest host nodes for highlighting.\n      if (elementType ===
ElementTypeHostComponent) {\n        traceUpdatesForNodes.add(nextFiber.stateNode);\n        traceNearestHostComponentUpdate = false;\n      }\n    } else {\n      if (\n        elementType ===
ElementTypeFunction ||\n        elementType === ElementTypeClass ||\n        elementType ===
ElementTypeContext ||\n        elementType === ElementTypeMemo ||\n        elementType ===
ElementTypeForwardRef\n      ) {\n        // Otherwise if this is a traced ancestor, flag for the nearest host
descendant(s).\n        traceNearestHostComponentUpdate = didFiberRender(\n          prevFiber,\n
nextFiber,\n        );\n      }\n    }\n\n    if (\n      mostRecentlyInspectedElement !== null &&\n
      mostRecentlyInspectedElement.id === id &&\n      didFiberRender(prevFiber, nextFiber)\n    ) {\n      // If this Fiber
has updated, clear cached inspected data.\n      // If it is inspected again, it may need to be re-run to obtain updated
hooks values.\n      hasElementUpdatedSinceLastInspected = true;\n    }\n\n    const shouldIncludeInTree =
!shouldFilterFiber(nextFiber);\n    const isSuspense = nextFiber.tag === SuspenseComponent;\n    let
shouldResetChildren = false;\n    // The behavior of timed-out Suspense trees is unique.\n    // Rather than unmount
the timed out content (and possibly lose important state),\n    // React re-parents this content within a hidden
Fragment while the fallback is showing.\n    // This behavior doesn't need to be observable in the DevTools
though.\n    // It might even result in a bad user experience for e.g. node selection in the Elements panel.\n    // The
easiest fix is to strip out the intermediate Fragment fibers,\n    // so the Elements panel and Profiler don't need to
special case them.\n    // Suspense components only have a non-null memoizedState if they're timed-out.\n    const
prevDidTimeout = isSuspense && prevFiber.memoizedState !== null;\n    const nextDidTimeout = isSuspense &&
nextFiber.memoizedState !== null;\n    // The logic below is inspired by the code paths in
updateSuspenseComponent()\n    // inside ReactFiberBeginWork in the React source code.\n    if (prevDidTimeout
&& nextDidTimeout) {\n      // Fallback -> Fallback:\n      // 1. Reconcile fallback set.\n      const nextFiberChild =
nextFiber.child;\n      const nextFallbackChildSet = nextFiberChild\n        ? nextFiberChild.sibling\n
        : null;\n      // Note: We can't use nextFiber.child.sibling.alternate\n      // because the set is special and alternate may not exist.\n      const prevFiberChild = prevFiber.child;\n      const prevFallbackChildSet = prevFiberChild\n        ?
prevFiberChild.sibling\n        : null;\n      if (\n        nextFallbackChildSet !== null &&\n        prevFallbackChildSet !==
null &&\n        updateFiberRecursively(\n          nextFallbackChildSet,\n          prevFallbackChildSet,\n
nextFiber,\n          traceNearestHostComponentUpdate,\n        )\n      ) {\n        shouldResetChildren = true;\n      }\n
    } else if (prevDidTimeout && !nextDidTimeout) {\n      // Fallback -> Primary:\n      // 1. Unmount fallback set\n      // Note: don't emulate fallback unmount because React actually did it.\n      // 2. Mount primary set\n      const
nextPrimaryChildSet = nextFiber.child;\n      if (nextPrimaryChildSet !== null) {\n        mountFiberRecursively(\n
          nextPrimaryChildSet,\n          shouldIncludeInTree ? nextFiber : parentFiber,\n          true,\n
          traceNearestHostComponentUpdate,\n        );\n      }\n      shouldResetChildren = true;\n    } else if
(!prevDidTimeout && nextDidTimeout) {\n      // Primary -> Fallback:\n      // 1. Hide primary set\n      // This is
not a real unmount, so it won't get reported by React.\n      // We need to manually walk the previous tree and record

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unmounts.\n    unmountFiberChildrenRecursively(prevFiber);\n    // 2. Mount fallback set\n    const
nextFiberChild = nextFiber.child;\n    const nextFallbackChildSet = nextFiberChild\n    ?
nextFiberChild.sibling\n    : null;\n    if (nextFallbackChildSet != null) {\n    mountFiberRecursively(\n
nextFallbackChildSet,\n    shouldIncludeInTree ? nextFiber : parentFiber,\n    true,\n
traceNearestHostComponentUpdate,\n    );\n    shouldResetChildren = true;\n    }\n    } else {\n    // Common
case: Primary -> Primary.\n    // This is the same code path as for non-Suspense fibers.\n    if (nextFiber.child !==
prevFiber.child) {\n    // If the first child is different, we need to traverse them.\n    // Each next child will be
either a new child (mount) or an alternate (update).\n    let nextChild = nextFiber.child;\n    let
prevChildAtSameIndex = prevFiber.child;\n    while (nextChild) {\n    // We already know children will be
referentially different because\n    // they are either new mounts or alternates of previous children.\n    //
Schedule updates and mounts depending on whether alternates exist.\n    // We don't track deletions here because
they are reported separately.\n    if (nextChild.alternate) {\n    const prevChild = nextChild.alternate;\n
if (\n    updateFiberRecursively(\n    nextChild,\n    prevChild,\n    shouldIncludeInTree
? nextFiber : parentFiber,\n    traceNearestHostComponentUpdate,\n    )\n    ) {\n    // If a
nested tree child order changed but it can't handle its own\n    // child order invalidation (e.g. because it's
filtered out like host nodes),\n    // propagate the need to reset child order upwards to this Fiber.\n
shouldResetChildren = true;\n    }\n    // However we also keep track if the order of the children matches\n
// the previous order. They are always different referentially, but\n    // if the instances line up
conceptually we'll want to know that.\n    if (prevChild !== prevChildAtSameIndex) {\n
shouldResetChildren = true;\n    }\n    } else {\n    mountFiberRecursively(\n    nextChild,\n
shouldIncludeInTree ? nextFiber : parentFiber,\n    false,\n    traceNearestHostComponentUpdate,\n
);\n    shouldResetChildren = true;\n    }\n    // Try the next child.\n    nextChild =
nextChild.sibling;\n    // Advance the pointer in the previous list so that we can\n    // keep comparing if they
line up.\n    if (!shouldResetChildren && prevChildAtSameIndex !== null) {\n    prevChildAtSameIndex =
prevChildAtSameIndex.sibling;\n    }\n    }\n    // If we have no more children, but used to, they don't line
up.\n    if (prevChildAtSameIndex !== null) {\n    shouldResetChildren = true;\n    }\n    } else {\n    if
(traceUpdatesEnabled) {\n    // If we're tracing updates and we've bailed out before reaching a host node,\n
// we should fall back to recursively marking the nearest host descendants for highlight.\n    if
(traceNearestHostComponentUpdate) {\n    const hostFibers = findAllCurrentHostFibers(\n
getFiberIDThrows(nextFiber),\n    );\n    hostFibers.forEach(hostFiber => {\n
traceUpdatesForNodes.add(hostFiber.stateNode);\n    });\n    }\n    }\n    }\n    }\n    }\n    if
(shouldIncludeInTree) {\n    const isProfilingSupported = nextFiber.hasOwnProperty('treeBaseDuration');\n    if
(isProfilingSupported) {\n    recordProfilingDurations(nextFiber);\n    }\n    }\n    if (shouldResetChildren) {\n
// We need to crawl the subtree for closest non-filtered Fibers\n    // so that we can display them in a flat children
set.\n    if (shouldIncludeInTree) {\n    // Normally, search for children from the rendered child.\n    let
nextChildSet = nextFiber.child;\n    if (nextDidTimeOut) {\n    // Special case: timed-out Suspense renders the
fallback set.\n    const nextFiberChild = nextFiber.child;\n    nextChildSet = nextFiberChild ?
nextFiberChild.sibling : null;\n    }\n    if (nextChildSet != null) {\n    recordResetChildren(nextFiber,
nextChildSet);\n    }\n    // We've handled the child order change for this Fiber.\n    // Since it's included,
there's no need to invalidate parent child order.\n    return false;\n    } else {\n    // Let the closest unfiltered
parent Fiber reset its child order instead.\n    return true;\n    }\n    } else {\n    return false;\n    }\n    }\n
function cleanup() {\n    // We don't patch any methods so there is no cleanup.\n    }\n    function
rootSupportsProfiling(root) {\n    if (root.memoizedInteractions != null) {\n    // v16 builds include this field for the
scheduler/tracing API.\n    return true;\n    } else if (\n    root.current != null &&\n
root.current.hasOwnProperty('treeBaseDuration')\n    ) {\n    // The scheduler/tracing API was removed in v17
though\n    // so we need to check a non-root Fiber.\n    return true;\n    } else {\n    return false;\n    }\n    }\n
function flushInitialOperations() {\n    const localPendingOperationsQueue = pendingOperationsQueue;\n
pendingOperationsQueue = null;\n    if (\n    localPendingOperationsQueue !== null &&\n

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localPendingOperationsQueue.length > 0\n ) {\n // We may have already queued up some operations before the
frontend connected\n // If so, let the frontend know about them.\n
localPendingOperationsQueue.forEach(operations => {\n hook.emit('operations', operations);\n });\n } else
{\n // Before the traversals, remember to start tracking\n // our path in case we have selection to restore.\n
if (trackedPath !== null) {\n mightBeOnTrackedPath = true;\n }\n // If we have not been profiling, then
we can just walk the tree and build up its current state as-is.\n hook.getFiberRoots(rendererID).forEach(root =>
{\n currentRootID = getOrGenerateFiberID(root.current);\n setRootPseudoKey(currentRootID,
root.current);\n\n // Handle multi-renderer edge-case where only some v16 renderers support profiling.\n if
(isProfiling && rootSupportsProfiling(root)) {\n // If profiling is active, store commit time and duration.\n
// The frontend may request this information after profiling has stopped.\n currentCommitProfilingMetadata =
{\n changeDescriptions: recordChangeDescriptions ? new Map() : null,\n durations: [],\n
commitTime: getCurrentTime() - profilingStartTime,\n maxActualDuration: 0,\n priorityLevel: null,\n
updaters: getUpdatersList(root),\n effectDuration: null,\n passiveEffectDuration: null,\n
};\n }\n\n mountFiberRecursively(root.current, null, false, false);\n flushPendingEvents(root);\n
currentRootID = -1;\n });\n }\n\n function getUpdatersList(root): Array<SerializedElement> | null {\n
return root.memoizedUpdaters != null\n ? Array.from(root.memoizedUpdaters)\n .filter(fiber =>
getFiberIDUnsafe(fiber) !== null)\n .map(fiberToSerializedElement)\n : null;\n }\n\n function
handleCommitFiberUnmount(fiber) {\n // This is not recursive.\n // We can't traverse fibers after unmounting so
instead\n // we rely on React telling us about each unmount.\n recordUnmount(fiber, false);\n }\n\n function
handlePostCommitFiberRoot(root) {\n if (isProfiling && rootSupportsProfiling(root)) {\n if
(currentCommitProfilingMetadata !== null) {\n const {effectDuration, passiveEffectDuration} =
getEffectDurations(\n root,\n );\n currentCommitProfilingMetadata.effectDuration = effectDuration;\n
currentCommitProfilingMetadata.passiveEffectDuration = passiveEffectDuration;\n }\n }\n\n function
handleCommitFiberRoot(root, priorityLevel) {\n const current = root.current;\n const alternate =
current.alternate;\n\n // Flush any pending Fibers that we are untracking before processing the new commit.\n //
If we don't do this, we might end up double-deleting Fibers in some cases (like Legacy Suspense).\n
untrackFibers();\n\n currentRootID = getOrGenerateFiberID(current);\n\n // Before the traversals, remember to
start tracking\n // our path in case we have selection to restore.\n if (trackedPath !== null) {\n
mightBeOnTrackedPath = true;\n }\n\n if (traceUpdatesEnabled) {\n traceUpdatesForNodes.clear();\n }\n\n
// Handle multi-renderer edge-case where only some v16 renderers support profiling.\n const
isProfilingSupported = rootSupportsProfiling(root);\n\n if (isProfiling && isProfilingSupported) {\n // If
profiling is active, store commit time and duration.\n // The frontend may request this information after profiling
has stopped.\n currentCommitProfilingMetadata = {\n changeDescriptions: recordChangeDescriptions ? new
Map() : null,\n durations: [],\n commitTime: getCurrentTime() - profilingStartTime,\n
maxActualDuration: 0,\n priorityLevel:\n priorityLevel == null ? null :
formatPriorityLevel(priorityLevel),\n\n updaters: getUpdatersList(root),\n\n // Initialize to null; if new
enough React version is running,\n // these values will be read during separate handlePostCommitFiberRoot()
call.\n effectDuration: null,\n passiveEffectDuration: null,\n };;\n }\n\n if (alternate) {\n // TODO:
relying on this seems a bit fishy.\n const wasMounted =\n alternate.memoizedState != null &&\n
alternate.memoizedState.element != null;\n const isMounted =\n current.memoizedState != null &&\n
current.memoizedState.element != null;\n if (!wasMounted && isMounted) {\n // Mount a new root.\n
setRootPseudoKey(currentRootID, current);\n mountFiberRecursively(current, null, false, false);\n } else if
(wasMounted && isMounted) {\n // Update an existing root.\n updateFiberRecursively(current, alternate,
null, false);\n } else if (wasMounted && !isMounted) {\n // Unmount an existing root.\n
removeRootPseudoKey(currentRootID);\n recordUnmount(current, false);\n }\n } else {\n // Mount a
new root.\n setRootPseudoKey(currentRootID, current);\n mountFiberRecursively(current, null, false,
false);\n }\n\n if (isProfiling && isProfilingSupported) {\n // Make sure at least one Fiber performed work
during this commit.\n // If not, don't send it to the frontend; showing an empty commit in the Profiler is

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confusing.\n  if (\n    currentCommitProfilingMetadata != null &&\n
currentCommitProfilingMetadata.durations.length > 0\n  ) {\n    const commitProfilingMetadata =
((rootToCommitProfilingMetadataMap: any): CommitProfilingMetadataMap).get(\n    currentRootID,\n
);\n\n  if (commitProfilingMetadata != null) {\n    commitProfilingMetadata.push(\n
((currentCommitProfilingMetadata: any): CommitProfilingData),\n    );\n  } else {\n
((rootToCommitProfilingMetadataMap: any): CommitProfilingMetadataMap).set(\n    currentRootID,\n
[[(currentCommitProfilingMetadata: any): CommitProfilingData]],\n    );\n  }\n}\n}\n\n // We're
done here.\n flushPendingEvents(root);\n\n if (traceUpdatesEnabled) {\n  hook.emit('traceUpdates',
traceUpdatesForNodes);\n }\n\n currentRootID = -1;\n}\n\n function findAllCurrentHostFibers(id: number):
$ReadOnlyArray<Fiber> {\n  const fibers = [];\n  const fiber = findCurrentFiberUsingSlowPathById(id);\n  if
(!fiber) {\n    return fibers;\n  }\n\n  // Next we'll drill down this component to find all HostComponent/Text.\n
let node: Fiber = fiber;\n  while (true) {\n    if (node.tag === HostComponent || node.tag === HostText) {\n
fibers.push(node);\n    } else if (node.child) {\n    node.child.return = node;\n    node = node.child;\n
continue;\n    }\n    if (node === fiber) {\n    return fibers;\n    }\n    while (!node.sibling) {\n    if
(!node.return || node.return === fiber) {\n    return fibers;\n    }\n    node = node.return;\n    }\n
node.sibling.return = node.return;\n    node = node.sibling;\n  }\n  // Flow needs the return here, but ESLint
complains about it.\n  // eslint-disable-next-line no-unreachable\n  return fibers;\n }\n\n function
findNativeNodesForFiberID(id: number) {\n  try {\n    let fiber = findCurrentFiberUsingSlowPathById(id);\n
if (fiber === null) {\n    return null;\n    }\n    // Special case for a timed-out Suspense.\n    const
isTimedOutSuspense = \n    fiber.tag === SuspenseComponent && fiber.memoizedState !== null;\n    if
(isTimedOutSuspense) {\n    // A timed-out Suspense's findDOMNode is useless.\n    // Try our best to find the
fallback directly.\n    const maybeFallbackFiber = fiber.child && fiber.child.sibling;\n    if
(maybeFallbackFiber != null) {\n    fiber = maybeFallbackFiber;\n    }\n  }\n  const hostFibers =
findAllCurrentHostFibers(id);\n  return hostFibers.map(hostFiber => hostFiber.stateNode).filter(Boolean);\n }
catch (err) {\n  // The fiber might have unmounted by now.\n  return null;\n }\n}\n\n function
getDisplayNameForFiberID(id) {\n  const fiber = idToArbitraryFiberMap.get(id);\n  return fiber != null ?
getDisplayNameForFiber(((fiber: any): Fiber)) : null;\n }\n\n function getFiberIDForNative(\n  hostInstance,\n
findNearestUnfilteredAncestor = false,\n ) {\n  let fiber = renderer.findFiberByHostInstance(hostInstance);\n  if
(fiber != null) {\n    if (findNearestUnfilteredAncestor) {\n    while (fiber !== null && shouldFilterFiber(fiber))
{\n    fiber = fiber.return;\n    }\n    }\n    return getFiberIDThrows(((fiber: any): Fiber));\n  }\n  return
null;\n }\n\n // This function is copied from React and should be kept in sync:\n //
https://github.com/facebook/react/blob/main/packages/react-reconciler/src/ReactFiberTreeReflection.js\n function
assertIsMounted(fiber) {\n  if (getNearestMountedFiber(fiber) !== fiber) {\n    throw new Error('Unable to find
node on an unmounted component.);\n  }\n}\n\n // This function is copied from React and should be kept in
sync:\n // https://github.com/facebook/react/blob/main/packages/react-reconciler/src/ReactFiberTreeReflection.js\n
function getNearestMountedFiber(fiber: Fiber): null | Fiber {\n  let node = fiber;\n  let nearestMounted = fiber;\n
if (!fiber.alternate) {\n    // If there is no alternate, this might be a new tree that isn't inserted\n    // yet. If it is, then
it will have a pending insertion effect on it.\n    let nextNode = node;\n    do {\n    node = nextNode;\n    if
((node.flags & (Placement | Hydrating)) !== NoFlags) {\n    // This is an insertion or in-progress hydration. The
nearest possible\n    // mounted fiber is the parent but we need to continue to figure out\n    // if that one is
still mounted.\n    nearestMounted = node.return;\n    }\n    nextNode = node.return;\n  } while
(nextNode);\n } else {\n  while (node.return) {\n    node = node.return;\n  }\n }\n  if (node.tag ===
HostRoot) {\n    // TODO: Check if this was a nested HostRoot when used with\n    //
renderContainerIntoSubtree.\n    return nearestMounted;\n  }\n  // If we didn't hit the root, that means that we're
in an disconnected tree\n  // that has been unmounted.\n  return null;\n }\n\n // This function is copied from React
and should be kept in sync:\n // https://github.com/facebook/react/blob/main/packages/react-
reconciler/src/ReactFiberTreeReflection.js\n // It would be nice if we updated React to inject this function directly
(vs just indirectly via findDOMNode).\n // BEGIN copied code\n function

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findCurrentFiberUsingSlowPathById(id: number): Fiber | null {
  const fiber = idToArbitraryFiberMap.get(id);
  if (fiber === null) {
    console.warn(`Could not find Fiber with id "${id}"`);
    return null;
  }
  const alternate = fiber.alternate;
  if (!alternate) {
    // If there is no alternate, then we only need to check if it is
    // mounted.
    const nearestMounted = getNearestMountedFiber(fiber);
    if (nearestMounted === null) {
      throw new Error('Unable to find node on an unmounted component.');
```



```

ForwardRef:\n    global.$type = type.render;\n    break;\n    case MemoComponent:\n    case
SimpleMemoComponent:\n    global.$type =\n    elementType != null && elementType.type != null\n
? elementType.type\n    : type;\n    break;\n    default:\n    global.$type = null;\n    break;\n    }\n }\n\n
function fiberToSerializedElement(fiber: Fiber): SerializedElement {\n    return {\n    displayName:
getDisplaynameForFiber(fiber) || 'Anonymous',\n    id: getFiberIDThrows(fiber),\n    key: fiber.key,\n    type:
getElementtypeForFiber(fiber),\n    };\n }\n\n function getOwnersList(id: number): Array<SerializedElement> |
null {\n    const fiber = findCurrentFiberUsingSlowPathById(id);\n    if (fiber == null) {\n    return null;\n    }\n\n
const { _debugOwner } = fiber;\n    const owners: Array<SerializedElement> =
[fiberToSerializedElement(fiber)];\n\n    if (_debugOwner) {\n    let owner = _debugOwner;\n    while (owner !==
null) {\n    owners.unshift(fiberToSerializedElement(owner));\n    owner = owner._debugOwner || null;\n    }\n
}\n\n    return owners;\n    }\n\n // Fast path props lookup for React Native style editor.\n // Could use
inspectElementRaw() but that would require shallow rendering hooks components,\n // and could also mess with
memoization.\n\n function getInstanceAndStyle(id: number): InstanceAndStyle {\n    let instance = null;\n    let style
= null;\n\n    const fiber = findCurrentFiberUsingSlowPathById(id);\n    if (fiber !== null) {\n    instance =
fiber.stateNode;\n\n    if (fiber.memoizedProps !== null) {\n    style = fiber.memoizedProps.style;\n    }\n\n
}\n\n    return {instance, style};\n    }\n\n\n function isErrorBoundary(fiber: Fiber): boolean {\n    const {tag, type} =
fiber;\n\n    switch (tag) {\n    case ClassComponent:\n    case IncompleteClassComponent:\n    const instance =
fiber.stateNode;\n    return (\n    typeof type.getDerivedStateFromError === 'function' ||\n    (instance !==
null &&\n    typeof instance.componentDidCatch === 'function')\n    );\n    default:\n    return false;\n    }\n
}\n\n\n function getNearestErrorBoundaryID(fiber: Fiber): number | null {\n    let parent = fiber.return;\n    while
(parent !== null) {\n    if (isErrorBoundary(parent)) {\n    return getFiberIDUnsafe(parent);\n    }\n    parent =
parent.return;\n    }\n    return null;\n    }\n\n\n function inspectElementRaw(id: number): InspectedElement | null {\n
const fiber = findCurrentFiberUsingSlowPathById(id);\n    if (fiber == null) {\n    return null;\n    }\n\n    const {
_debugOwner,\n    _debugSource,\n    stateNode,\n    key,\n    memoizedProps,\n    memoizedState,\n
dependencies,\n    tag,\n    type,\n    } = fiber;\n\n    const elementType = getElementtypeForFiber(fiber);\n\n
const usesHooks =\n    (tag === FunctionComponent ||\n    tag === SimpleMemoComponent ||\n    tag ===
ForwardRef) &&\n    (!memoizedState || !dependencies);\n\n    // TODO Show custom UI for Cache like we do
for Suspense\n    // For now, just hide state data entirely since it's not meant to be inspected.\n    const showState =
!usesHooks && tag !== CacheComponent;\n\n    const typeSymbol = getTypeSymbol(type);\n\n    let
canViewSource = false;\n    let context = null;\n    if (\n    tag === ClassComponent ||\n    tag ===
FunctionComponent ||\n    tag === IncompleteClassComponent ||\n    tag === IndeterminateComponent ||\n    tag
=== MemoComponent ||\n    tag === ForwardRef ||\n    tag === SimpleMemoComponent\n    ) {\n\n
canViewSource = true;\n    if (stateNode && stateNode.context != null) {\n    // Don't show an empty context
object for class components that don't use the context API.\n    const shouldHideContext =\n    elementType
=== ElementTypeClass &&\n    !(type.contextTypes || type.contextType);\n\n    if (!shouldHideContext) {\n
context = stateNode.context;\n    }\n    }\n    } else if (\n    typeSymbol === CONTEXT_NUMBER ||\n
typeSymbol === CONTEXT_SYMBOL_STRING\n    ) {\n    // 16.3-16.5 read from \"type\" because the
Consumer is the actual context object.\n    // 16.6+ should read from \"type._context\" because Consumer can be
different (in DEV).\n    // NOTE Keep in sync with getDisplayNameForFiber()\n    const
consumerResolvedContext = type._context || type;\n\n    // Global context value.\n    context =
consumerResolvedContext._currentValue || null;\n\n    // Look for overridden value.\n    let current = ((fiber: any):
Fiber).return;\n    while (current !== null) {\n    const currentType = current.type;\n    const
currentTypeSymbol = getTypeSymbol(currentType);\n    if (\n    currentTypeSymbol ===
PROVIDER_NUMBER ||\n    currentTypeSymbol === PROVIDER_SYMBOL_STRING\n    ) {\n    //
16.3.0 exposed the context object as \"context\"\n    // PR #12501 changed it to \"_context\" for 16.3.1+\n    //
NOTE Keep in sync with getDisplayNameForFiber()\n    const providerResolvedContext =\n    currentType._context || currentType.context;\n    if (providerResolvedContext === consumerResolvedContext)
{\n    context = current.memoizedProps.value;\n    break;\n    }\n    }\n\n    current =

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current.return;\n  }\n }\n\n let hasLegacyContext = false;\n if (context !== null) {\n   hasLegacyContext =
!!type.contextTypes;\n\n   // To simplify hydration and display logic for context, wrap in a value object.\n   //
Otherwise simple values (e.g. strings, booleans) become harder to handle.\n   context = {value: context};\n }\n\n
let owners = null;\n if (_debugOwner) {\n   owners = [];\n   let owner = _debugOwner;\n   while (owner !==
null) {\n     owners.push(fiberToSerializedElement(owner));\n     owner = owner._debugOwner || null;\n   }\n
}\n\n const isTimedOutSuspense =\n   tag === SuspenseComponent && memoizedState !== null;\n\n let
hooks = null;\n if (usesHooks) {\n   const originalConsoleMethods = {};\n\n   // Temporarily disable all
console logging before re-running the hook.\n   for (const method in console) {\n     try {\n
originalConsoleMethods[method] = console[method];\n       // $FlowFixMe property error/warn is not writable.\n
console[method] = () => {};\n     } catch (error) {} }\n\n   try {\n     hooks = inspectHooksOfFiber(\n
fiber,\n       (renderer.currentDispatcherRef: any),\n       true, // Include source location info for hooks\n
);\n   } finally {\n     // Restore original console functionality.\n     for (const method in
originalConsoleMethods) {\n       try {\n         // $FlowFixMe property error/warn is not writable.\n
console[method] = originalConsoleMethods[method];\n       } catch (error) {} }\n     }\n\n   let
rootType = null;\n   let current = fiber;\n   while (current.return !== null) {\n     current =
current.return;\n   }\n\n   const fiberRoot = current.stateNode;\n   if (fiberRoot != null && fiberRoot._debugRootType !== null) {\n
rootType = fiberRoot._debugRootType;\n   }\n\n   const errors = fiberIDToErrorsMap.get(id) || new Map();\n
const warnings = fiberIDToWarningsMap.get(id) || new Map();\n\n   const isErrorred =\n     (fiber.flags &
DidCapture) !== NoFlags ||\n     forceErrorForFiberIDs.get(id) === true;\n\n   let targetErrorBoundaryID;\n   if
(isErrorBoundary(fiber)) {\n     // if the current inspected element is an error boundary,\n     // either that we want to
use it to toggle off error state\n     // or that we allow to force error state on it if it's within another\n     // error
boundary\n     targetErrorBoundaryID = isErrorred ? id : getNearestErrorBoundaryID(fiber);\n   } else {\n
targetErrorBoundaryID = getNearestErrorBoundaryID(fiber);\n   }\n\n   const plugins: Plugins = {\n     stylex:
null,\n   };\n\n   if (enableStyleXFeatures) {\n     if (memoizedProps.hasOwnProperty('xstyle')) {\n
plugins.stylex = getStyleXData(memoizedProps.xstyle);\n     }\n   }\n\n   return {\n     id,\n     // Does the
current renderer support editable hooks and function props?\n     canEditHooks: typeof overrideHookState ===
'function',\n     canEditFunctionProps: typeof overrideProps === 'function',\n     // Does the current renderer
support advanced editing interface?\n     canEditHooksAndDeletePaths:\n       typeof overrideHookStateDeletePath
=== 'function',\n     canEditHooksAndRenamePaths:\n       typeof overrideHookStateRenamePath === 'function',\n
     canEditFunctionPropsDeletePaths:\n       typeof overridePropsDeletePath === 'function',\n
     canEditFunctionPropsRenamePaths:\n       typeof overridePropsRenamePath === 'function',\n     canToggleError:
supportsTogglingError && targetErrorBoundaryID != null,\n     // Is this error boundary in error state.\n
isErrorred,\n     targetErrorBoundaryID,\n     canToggleSuspense:\n       supportsTogglingSuspense &&\n     // If
it's showing the real content, we can always flip fallback.\n     (!isTimedOutSuspense ||\n       // If it's showing
fallback because we previously forced it to,\n       // allow toggling it back to remove the fallback override.\n
forceFallbackForSuspenseIDs.has(id)),\n     // Can view component source location.\n     canViewSource,\n     // Does the component have legacy context attached to it.\n     hasLegacyContext,\n     key: key != null ? key :
null,\n     displayName: getDisplayNameForFiber(fiber),\n     type: elementType,\n     // Inspectable
properties.\n     // TODO Review sanitization approach for the below inspectable values.\n     context,\n     hooks,\n
     props: memoizedProps,\n     state: showState ? memoizedState : null,\n     errors: Array.from(errors.entries()),\n
     warnings: Array.from(warnings.entries()),\n     // List of owners\n     owners,\n     // Location of component in
source code.\n     source: _debugSource || null,\n     rootType,\n     rendererPackageName:
renderer.rendererPackageName,\n     rendererVersion: renderer.version,\n     plugins,\n   };\n }\n\n let
mostRecentlyInspectedElement: InspectedElement | null = null;\n let hasElementUpdatedSinceLastInspected:
boolean = false;\n let currentlyInspectedPaths: Object = {};\n\n function isMostRecentlyInspectedElement(id:
number): boolean {\n   return (\n     mostRecentlyInspectedElement !== null &&\n
     mostRecentlyInspectedElement.id === id\n   );\n }\n\n function isMostRecentlyInspectedElementCurrent(id:
number): boolean {\n   return (\n     isMostRecentlyInspectedElement(id) &&

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!hasElementUpdatedSinceLastInspected\n );\n }\n\n // Track the intersection of currently inspected paths,\n // so that we can send their data along if the element is re-rendered.\n function mergeInspectedPaths(path: Array<string | number>) {\n let current = currentlyInspectedPaths;\n path.forEach(key => {\n if (!current[key]) {\n current[key] = {};\n }\n current = current[key];\n });\n }\n\n function createIsPathAllowed(\n key: string | null,\n secondaryCategory: 'hooks' | null,\n ) {\n // This function helps prevent previously-inspected paths from being dehydrated in updates.\n // This is important to avoid a bad user experience where expanded toggles collapse on update.\n return function isPathAllowed(path: Array<string | number>): boolean {\n switch (secondaryCategory) {\n case 'hooks':\n if (path.length === 1) {\n // Never dehydrate the \"hooks\" object at the top levels.\n return true;\n }\n if (\n path[path.length - 2] === 'hookSource' &&\n path[path.length - 1] === 'fileName'\n ) {\n // It's important to preserve the full file name (URL) for hook sources\n // in case the user has enabled the named hooks feature.\n // Otherwise the frontend may end up with a partial URL which it can't load.\n return true;\n }\n if (\n path[path.length - 1] === 'subHooks' ||\n path[path.length - 2] === 'subHooks'\n ) {\n // Dehydrating the 'subHooks' property makes the HooksTree UI a lot more complicated,\n // so it's easiest for now if we just don't break on this boundary.\n // We can always dehydrate a level deeper (in the value object).\n return true;\n }\n break;\n default:\n break;\n }\n\n let current =\n key === null ? currentlyInspectedPaths : currentlyInspectedPaths[key];\n if (!current) {\n return false;\n }\n for (let i = 0; i < path.length; i++) {\n current = current[path[i)];\n if (!current) {\n return false;\n }\n }\n return true;\n };\n }\n\n function updateSelectedElement(inspectedElement: InspectedElement): void {\n const {hooks, id, props} = inspectedElement;\n\n const fiber = idToArbitraryFiberMap.get(id);\n if (fiber === null) {\n console.warn(`Could not find Fiber with id \"${id}\"`);\n return;\n }\n\n const {elementType, stateNode, tag, type} = fiber;\n\n switch (tag) {\n case ClassComponent:\n case IncompleteClassComponent:\n case IndeterminateComponent:\n global.$r = stateNode;\n break;\n case FunctionComponent:\n global.$r = {\n hooks,\n props,\n type,\n };\n break;\n case ForwardRef:\n global.$r = {\n hooks,\n props,\n type: type.render,\n };\n break;\n case MemoComponent:\n case SimpleMemoComponent:\n global.$r = {\n hooks,\n props,\n type:\n elementType !== null && elementType.type !== null\n ? elementType.type\n : type,\n };\n break;\n default:\n global.$r = null;\n break;\n }\n\n\n function storeAsGlobal(\n id: number,\n path: Array<string | number>,\n count: number,\n ): void {\n if (isMostRecentlyInspectedElement(id)) {\n const value = getInObject(\n ((mostRecentlyInspectedElement: any): InspectedElement),\n path,\n );\n const key = `$_reactTemp${count}`;\n window[key] = value;\n console.log(key);\n console.log(value);\n }\n }\n\n function copyElementPath(id: number, path: Array<string | number>): void {\n if (isMostRecentlyInspectedElement(id)) {\n copyToClipboard(\n getInObject(\n ((mostRecentlyInspectedElement: any): InspectedElement),\n path,\n ),\n );\n }\n }\n\n function inspectElement(\n requestID: number,\n id: number,\n path: Array<string | number> | null,\n forceFullData: boolean,\n ): InspectedElementPayload {\n if (path !== null) {\n mergeInspectedPaths(path);\n }\n\n if (isMostRecentlyInspectedElement(id) && !forceFullData) {\n if (!hasElementUpdatedSinceLastInspected) {\n if (path !== null) {\n let secondaryCategory = null;\n if (path[0] === 'hooks') {\n secondaryCategory = 'hooks';\n }\n\n // If this element has not been updated since it was last inspected,\n // we can just return the subset of data in the newly-inspected path.\n return {\n id,\n responseID: requestID,\n type: 'hydrated-path',\n path,\n value: cleanForBridge(\n getInObject(\n ((mostRecentlyInspectedElement: any): InspectedElement),\n path,\n ),\n createIsPathAllowed(null, secondaryCategory),\n path,\n ),\n };\n } else {\n // If this element has not been updated since it was last inspected, we don't need to return it.\n // Instead we can just return the ID to indicate that it has not changed.\n return {\n id,\n responseID: requestID,\n type: 'no-change',\n };\n }\n } else {\n currentlyInspectedPaths = {};\n }\n\n hasElementUpdatedSinceLastInspected = false;\n\n try {\n mostRecentlyInspectedElement = inspectElementRaw(id);\n } catch (error) {\n console.error('Error inspecting

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element.\n\n', error);\n\n return {\n  type: 'error',\n  id,\n  responseID: requestID,\n  message:
error.message,\n  stack: error.stack,\n  };\n }\n\n if (mostRecentlyInspectedElement === null) {\n
return {\n  id,\n  responseID: requestID,\n  type: 'not-found',\n  };\n }\n\n // Any time an inspected
element has an update,\n // we should update the selected $r value as wel.\n // Do this before dehydration
(cleanForBridge).\n updateSelectedElement(mostRecentlyInspectedElement);\n\n // Clone before cleaning so
that we preserve the full data.\n // This will enable us to send patches without re-inspecting if hydrated paths are
requested.\n // (Reducing how often we shallow-render is a better DX for function components that use hooks.)\n
const cleanedInspectedElement = {...mostRecentlyInspectedElement};\n cleanedInspectedElement.context =
cleanForBridge(\n  cleanedInspectedElement.context,\n  createIsPathAllowed('context', null),\n );\n
cleanedInspectedElement.hooks = cleanForBridge(\n  cleanedInspectedElement.hooks,\n
createIsPathAllowed('hooks', 'hooks'),\n );\n cleanedInspectedElement.props = cleanForBridge(\n
cleanedInspectedElement.props,\n  createIsPathAllowed('props', null),\n );\n cleanedInspectedElement.state =
cleanForBridge(\n  cleanedInspectedElement.state,\n  createIsPathAllowed('state', null),\n );\n\n return {\n
id,\n  responseID: requestID,\n  type: 'full-data',\n  value: cleanedInspectedElement,\n  };\n }\n\n function
logElementToConsole(id) {\n  const result = isMostRecentlyInspectedElementCurrent(id)\n  ?
mostRecentlyInspectedElement\n  : inspectElementRaw(id);\n  if (result === null) {\n    console.warn('Could
not find Fiber with id \''${id}\''');\n    return;\n  }\n\n  const supportsGroup = typeof console.groupCollapsed
=== 'function';\n  if (supportsGroup) {\n    console.groupCollapsed(\n      `[Click to expand]
%c<${result.displayName || 'Component'} />`,\n      // --dom-tag-name-color is the CSS variable Chrome styles
HTML elements with in the console.\n      'color: var(--dom-tag-name-color); font-weight: normal;',\n    );\n  }\n
if (result.props !== null) {\n    console.log('Props:', result.props);\n  }\n  if (result.state !== null) {\n
console.log('State:', result.state);\n  }\n  if (result.hooks !== null) {\n    console.log('Hooks:', result.hooks);\n
}\n\n  const nativeNodes = findNativeNodesForFiberID(id);\n  if (nativeNodes !== null) {\n
console.log('Nodes:', nativeNodes);\n  }\n  if (result.source !== null) {\n    console.log('Location:',
result.source);\n  }\n  if (window.chrome || /firefox/i.test(navigator.userAgent)) {\n    console.log(\n      'Right-
click any value to save it as a global variable for further inspection.',\n    );\n  }\n  if (supportsGroup) {\n
console.groupEnd();\n  }\n }\n\n function deletePath(\n  type: 'context' | 'hooks' | 'props' | 'state',\n  id: number,\n
hookID: ?number,\n  path: Array<string | number>,\n ): void {\n  const fiber =
findCurrentFiberUsingSlowPathById(id);\n  if (fiber !== null) {\n    const instance = fiber.stateNode;\n\n
switch (type) {\n    case 'context':\n      // To simplify hydration and display of primitive context values (e.g.
number, string)\n      // the inspectElement() method wraps context in a {value: ...} object.\n      // We need to
remove the first part of the path (the "value") before continuing.\n      path = path.slice(1);\n\n      switch
(fiber.tag) {\n        case ClassComponent:\n          if (path.length === 0) {\n            // Simple context value
(noop)\n          } else {\n            deletePathInObject(instance.context, path);\n          }\n\n
instance.forceUpdate();\n          break;\n        case FunctionComponent:\n          // Function components using
legacy context are not editable\n          // because there's no instance on which to create a cloned, mutated
context.\n          break;\n      }\n      break;\n    case 'hooks':\n      if (typeof overrideHookStateDeletePath
=== 'function') {\n        overrideHookStateDeletePath(fiber, ((hookID: any): number), path);\n      }\n
break;\n    case 'props':\n      if (instance === null) {\n        if (typeof overridePropsDeletePath === 'function')
{\n          overridePropsDeletePath(fiber, path);\n        }\n      } else {\n        fiber.pendingProps =
copyWithDelete(instance.props, path);\n        instance.forceUpdate();\n      }\n      break;\n    case 'state':\n
deletePathInObject(instance.state, path);\n    instance.forceUpdate();\n    break;\n  }\n }\n\n function
renamePath(\n  type: 'context' | 'hooks' | 'props' | 'state',\n  id: number,\n  hookID: ?number,\n  oldPath:
Array<string | number>,\n  newPath: Array<string | number>,\n ): void {\n  const fiber =
findCurrentFiberUsingSlowPathById(id);\n  if (fiber !== null) {\n    const instance = fiber.stateNode;\n\n
switch (type) {\n    case 'context':\n      // To simplify hydration and display of primitive context values (e.g.
number, string)\n      // the inspectElement() method wraps context in a {value: ...} object.\n      // We need to
remove the first part of the path (the "value") before continuing.\n      oldPath = oldPath.slice(1);\n

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newPath = newPath.slice(1);\n\n      switch (fiber.tag) {\n        case ClassComponent:\n          if (oldPath.length === 0) {\n            // Simple context value (noop)\n          } else {\n            renamePathInObject(instance.context, oldPath, newPath);\n          }\n          instance.forceUpdate();\n          break;\n        case FunctionComponent:\n          // Function components using legacy context are not editable\n          // because there's no instance on which to create a cloned, mutated context.\n          break;\n      }\n      break;\n      case 'hooks':\n        if (typeof overrideHookStateRenamePath === 'function') {\n          overrideHookStateRenamePath(\n            fiber,\n            ((hookID: any): number),\n            oldPath,\n            newPath,\n          );\n        }\n        break;\n        case 'props':\n          if (instance === null) {\n            if (typeof overridePropsRenamePath === 'function') {\n              overridePropsRenamePath(fiber, oldPath, newPath);\n            }\n          } else {\n            fiber.pendingProps = copyWithRename(\n              instance.props,\n              oldPath,\n              newPath,\n            );\n            instance.forceUpdate();\n          }\n          break;\n        case 'state':\n          renamePathInObject(instance.state, oldPath, newPath);\n          instance.forceUpdate();\n          break;\n      }\n    }\n\n    function overrideValueAtPath(\n      type: 'context' | 'hooks' | 'props' | 'state',\n      id: number,\n      hookID: ?number,\n      path: Array<string | number>,\n      value: any,\n    ): void {\n      const fiber = findCurrentFiberUsingSlowPathById(id);\n      if (fiber !== null) {\n        const instance = fiber.stateNode;\n        switch (type) {\n          case 'context':\n            // To simplify hydration and display of primitive context values (e.g. number, string)\n            // the inspectElement() method wraps context in a {value: ...} object.\n            // We need to remove the first part of the path (the "value") before continuing.\n            path = path.slice(1);\n            switch (fiber.tag) {\n              case ClassComponent:\n                if (path.length === 0) {\n                  // Simple context value\n                  instance.context = value;\n                } else {\n                  setInObject(instance.context, path, value);\n                }\n                instance.forceUpdate();\n                break;\n              case FunctionComponent:\n                // Function components using legacy context are not editable\n                // because there's no instance on which to create a cloned, mutated context.\n                break;\n            }\n            break;\n          case 'hooks':\n            if (typeof overrideHookState === 'function') {\n              overrideHookState(fiber, ((hookID: any): number), path, value);\n            }\n            break;\n          case 'props':\n            switch (fiber.tag) {\n              case ClassComponent:\n                fiber.pendingProps = copyWithSet(instance.props, path, value);\n                instance.forceUpdate();\n                break;\n              default:\n                if (typeof overrideProps === 'function') {\n                  overrideProps(fiber, path, value);\n                }\n                break;\n            }\n            break;\n          case 'state':\n            switch (fiber.tag) {\n              case ClassComponent:\n                setInObject(instance.state, path, value);\n                instance.forceUpdate();\n                break;\n            }\n            break;\n        }\n      }\n    }\n\n    type CommitProfilingData = {\n      changeDescriptions: Map<number, ChangeDescription> | null,\n      commitTime: number,\n      durations: Array<number>,\n      effectDuration: number | null,\n      maxActualDuration: number,\n      passiveEffectDuration: number | null,\n      priorityLevel: string | null,\n      updaters: Array<SerializedElement> | null,\n    };\n\n    type\n    CommitProfilingMetadataMap = Map<number, Array<CommitProfilingData>>;\n    type DisplayNamesByRootID = Map<number, string>;\n\n    let currentCommitProfilingMetadata: CommitProfilingData | null = null;\n    let displayNamesByRootID: DisplayNamesByRootID | null = null;\n    let idToContextsMap: Map<number, any> | null = null;\n    let initialTreeBaseDurationsMap: Map<number, number> | null = null;\n    let initialIDToRootMap: Map<number, number> | null = null;\n    let isProfiling: boolean = false;\n    let profilingStartTime: number = 0;\n    let recordChangeDescriptions: boolean = false;\n    let rootToCommitProfilingMetadataMap: CommitProfilingMetadataMap | null = null;\n\n    function getProfilingData(): ProfilingDataBackend {\n      const dataForRoots: Array<ProfilingDataForRootBackend> = [];\n      if (rootToCommitProfilingMetadataMap === null) {\n        throw Error(\n          'getProfilingData() called before any profiling data was recorded',\n        );\n      }\n      rootToCommitProfilingMetadataMap.forEach(\n        (commitProfilingMetadata, rootID) => {\n          const commitData: Array<CommitDataBackend> = [];\n          const initialTreeBaseDurations: Array<[number, number]> = [];\n          const displayName =\n            (displayNamesByRootID !== null && displayNamesByRootID.get(rootID)) ||\n            'Unknown';\n          if (initialTreeBaseDurationsMap !== null) {\n            initialTreeBaseDurationsMap.forEach((treeBaseDuration, id) => {\n              if (\n                initialIDToRootMap !== null &&\n                initialIDToRootMap.get(id) === rootID\n              ) {\n                // We don't need to convert

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milliseconds to microseconds in this case,\n          // because the profiling summary is JSON serialized.\n
initialTreeBaseDurations.push([id, treeBaseDuration]);\n          }\n          });\n          }\n
commitProfilingMetadata.forEach((commitProfilingData, commitIndex) => {\n          const {\n
changeDescriptions,\n          durations,\n          effectDuration,\n          maxActualDuration,\n
passiveEffectDuration,\n          priorityLevel,\n          commitTime,\n          updaters,\n          } =
commitProfilingData;\n          const fiberActualDurations: Array<[number, number]> = [];\n          const
fiberSelfDurations: Array<[number, number]> = [];\n          for (let i = 0; i < durations.length; i += 3) {\n
const fiberID = durations[i];\n          fiberActualDurations.push([fiberID, durations[i + 1]]);\n
fiberSelfDurations.push([fiberID, durations[i + 2]]);\n          }\n          }\n          commitData.push({\n
changeDescriptions:\n          changeDescriptions !== null\n          ? Array.from(changeDescriptions.entries())\n
: null,\n          duration: maxActualDuration,\n          effectDuration,\n          fiberActualDurations,\n
fiberSelfDurations,\n          passiveEffectDuration,\n          priorityLevel,\n          timestamp: commitTime,\n
updaters,\n          });\n          });\n          dataForRoots.push({\n          commitData,\n          displayName,\n
initialTreeBaseDurations,\n          rootID,\n          });\n          },\n          );\n          return {\n          dataForRoots,\n
rendererID,\n          };\n          }\n          }\n          function startProfiling(shouldRecordChangeDescriptions: boolean) {\n          if (isProfiling)
{\n          return;\n          }\n          }\n          recordChangeDescriptions = shouldRecordChangeDescriptions;\n          // Capture initial
values as of the time profiling starts.\n          // It's important we snapshot both the durations and the id-to-root map,\n
// since either of these may change during the profiling session\n          // (e.g. when a fiber is re-rendered or when a fiber
gets removed).\n          displayNamesByRootID = new Map();\n          initialTreeBaseDurationsMap = new
Map(idToTreeBaseDurationMap);\n          initialIDToRootMap = new Map(idToRootMap);\n          idToContextsMap =
new Map();\n          hook.getFiberRoots(rendererID).forEach(root => {\n          const rootID =
getFiberIDThrows(root.current);\n          ((displayNamesByRootID: any): DisplayNamesByRootID).set(\n
rootID,\n          getDisplayNameForRoot(root.current),\n          );\n          }\n          }\n          if (shouldRecordChangeDescriptions) {\n          //
Record all contexts at the time profiling is started.\n          // Fibers only store the current context value,\n          // so we
need to track them separately in order to determine changed keys.\n
crawlToInitializeContextsMap(root.current);\n          }\n          });\n          }\n          isProfiling = true;\n          profilingStartTime =
getCurrentTime();\n          rootToCommitProfilingMetadataMap = new Map();\n          }\n          }\n          function stopProfiling() {\n
isProfiling = false;\n          recordChangeDescriptions = false;\n          }\n          }\n          // Automatically start profiling so that we don't
miss timing info from initial \"mount\".\n          if (\n
sessionStorage.getItem(SESSION_STORAGE_RELOAD_AND_PROFILE_KEY) === 'true'\n          ) {\n
startProfiling(\n          sessionStorage.getItem(SESSION_STORAGE_RECORD_CHANGE_DESCRIPTIONS_KEY)
===\n          'true',\n          );\n          }\n          }\n          // React will switch between these implementations depending on whether\n          // we
have any manually suspended/errored-out Fibers or not.\n          function shouldErrorFiberAlwaysNull() {\n          return
null;\n          }\n          }\n          // Map of id and its force error status: true (error), false (toggled off),\n          // null (do nothing)\n          const
forceErrorForFiberIDs = new Map();\n          function shouldErrorFiberAccordingToMap(fiber) {\n          if (typeof
setErrorHandler !== 'function') {\n          throw new Error(\n          'Expected overrideError() to not get called for earlier
React versions.'\n          );\n          }\n          }\n          const id = getFiberIDUnsafe(fiber);\n          if (id === null) {\n          return null;\n
}\n          }\n          let status = null;\n          if (forceErrorForFiberIDs.has(id)) {\n          status = forceErrorForFiberIDs.get(id);\n
if (status === false) {\n          // TRICKY overrideError adds entries to this Map,\n          // so ideally it would be the
method that clears them too,\n          // but that would break the functionality of the feature,\n          // since DevTools
needs to tell React to act differently than it normally would\n          // (don't just re-render the failed boundary, but
reset its errored state too).\n          // So we can only clear it after telling React to reset the state.\n          // Technically
this is premature and we should schedule it for later,\n          // since the render could always fail without committing
the updated error boundary,\n          // but since this is a DEV-only feature, the simplicity is worth the trade off.\n
forceErrorForFiberIDs.delete(id);\n          }\n          }\n          if (forceErrorForFiberIDs.size === 0) {\n          // Last override is gone.
Switch React back to fast path.\n          setErrorHandler(shouldErrorFiberAlwaysNull);\n          }\n          }\n          }\n
return status;\n          }\n          }\n          function overrideError(id, forceError) {\n          if (\n          typeof setErrorHandler !== 'function' ||\n
typeof scheduleUpdate !== 'function'\n          ) {\n          throw new Error(\n          'Expected overrideError() to not get

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called for earlier React versions.);\n    );\n  }\n\n  forceErrorForFiberIDs.set(id, forceError);\n\n  if\n  (forceErrorForFiberIDs.size === 1) {\n    // First override is added. Switch React to slower path.\n    setErrorHandler(shouldErrorFiberAccordingToMap);\n  }\n\n  const fiber = idToArbitraryFiberMap.get(id);\n  if\n  (fiber !== null) {\n    scheduleUpdate(fiber);\n  }\n}\n\nfunction shouldSuspendFiberAlwaysFalse() {\n  return\n  false;\n}\n\nconst forceFallbackForSuspenseIDs = new Set();\n\nfunction\n  shouldSuspendFiberAccordingToSet(fiber) {\n  const maybeID = getFiberIDUnsafe(((fiber: any): Fiber));\n  return maybeID !== null && forceFallbackForSuspenseIDs.has(maybeID);\n}\n\nfunction overrideSuspend(id,\n  forceFallback) {\n  if (\n    typeof setSuspendHandler !== 'function' ||\n    typeof scheduleUpdate !==\n    'function'\n  ) {\n    throw new Error(\n      'Expected overrideSuspend() to not get called for earlier React\n      versions.);\n    );\n  }\n  if (forceFallback) {\n    forceFallbackForSuspenseIDs.add(id);\n    if\n    (forceFallbackForSuspenseIDs.size === 1) {\n      // First override is added. Switch React to slower path.\n      setSuspendHandler(shouldSuspendFiberAccordingToSet);\n    }\n  } else {\n    forceFallbackForSuspenseIDs.delete(id);\n    if (forceFallbackForSuspenseIDs.size === 0) {\n      // Last override\n      is gone. Switch React back to fast path.\n      setSuspendHandler(shouldSuspendFiberAlwaysFalse);\n    }\n  }\n\n  const fiber = idToArbitraryFiberMap.get(id);\n  if (fiber !== null) {\n    scheduleUpdate(fiber);\n  }\n}\n\n//\n  Remember if we're trying to restore the selection after reload.\n  // In that case, we'll do some extra checks for\n  matching mounts.\n  let trackedPath: Array<PathFrame> | null = null;\n  let trackedPathMatchFiber: Fiber | null =\n  null;\n  let trackedPathMatchDepth = -1;\n  let mightBeOnTrackedPath = false;\n\n  function setTrackedPath(path:\n  Array<PathFrame> | null) {\n    if (path === null) {\n      trackedPathMatchFiber = null;\n      trackedPathMatchDepth = -1;\n      mightBeOnTrackedPath = false;\n    }\n    trackedPath = path;\n  }\n\n  // We call\n  this before traversing a new mount.\n  // It remembers whether this Fiber is the next best match for tracked path.\n  // The\n  return value signals whether we should keep matching siblings or not.\n  function\n  updateTrackedPathStateBeforeMount(fiber: Fiber): boolean {\n    if (trackedPath === null ||\n    !mightBeOnTrackedPath) {\n      // Fast path: there's nothing to track so do nothing and ignore siblings.\n      return\n      false;\n    }\n    const returnFiber = fiber.return;\n    const returnAlternate = returnFiber !== null ?\n    returnFiber.alternate : null;\n    // By now we know there's some selection to restore, and this is a new Fiber.\n    // Is\n    this newly mounted Fiber a direct child of the current best match?\n    // (This will also be true for new roots if we\n    haven't matched anything yet.)\n    if (\n      trackedPathMatchFiber === returnFiber ||\n      (trackedPathMatchFiber\n      === returnAlternate && returnAlternate !== null)\n    ) {\n      // Is this the next Fiber we should select? Let's\n      compare the frames.\n      const actualFrame = getPathFrame(fiber);\n      const expectedFrame =\n      trackedPath[trackedPathMatchDepth + 1];\n      if (expectedFrame === undefined) {\n        throw new\n        Error('Expected to see a frame at the next depth.);\n      }\n      if (\n        actualFrame.index ===\n        expectedFrame.index &&\n        actualFrame.key === expectedFrame.key &&\n        actualFrame.displayName ===\n        expectedFrame.displayName\n      ) {\n        // We have our next match.\n        trackedPathMatchFiber = fiber;\n        trackedPathMatchDepth++;\n        // Are we out of frames to match?\n        if (trackedPathMatchDepth ===\n        trackedPath.length - 1) {\n          // There's nothing that can possibly match afterwards.\n          // Don't check the\n          children.\n          mightBeOnTrackedPath = false;\n        } else {\n          // Check the children, as they might reveal\n          the next match.\n          mightBeOnTrackedPath = true;\n        }\n        // In either case, since we have a match, we\n        don't need\n        // to check the siblings. They'll never match.\n        return false;\n      }\n    }\n    // This Fiber's\n    parent is on the path, but this Fiber itself isn't.\n    // There's no need to check its children--they won't be on the path\n    either.\n    mightBeOnTrackedPath = false;\n    // However, one of its siblings may be on the path so keep\n    searching.\n    return true;\n  }\n\n  function updateTrackedPathStateAfterMount(mightSiblingsBeOnTrackedPath)\n  {\n    // updateTrackedPathStateBeforeMount() told us whether to match siblings.\n    // Now that we're entering\n    siblings, let's use that information.\n    mightBeOnTrackedPath = mightSiblingsBeOnTrackedPath;\n  }\n\n  // Roots\n  don't have a real persistent identity.\n  // A root's \"pseudo key\" is \"childDisplayName:indexWithThatName\".\n  // For\n  example, \"App:0\" or, in case of similar roots, \"Story:0\", \"Story:1\", etc.\n  // We will use this to try to\n  disambiguate roots when restoring selection between reloads.\n  const rootPseudoKeys: Map<number, string> =\n  new Map();\n  const rootDisplayNameCounter: Map<string, number> = new Map();\n\n  function

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setRootPseudoKey(id: number, fiber: Fiber) {\n  const name = getDisplayNameForRoot(fiber);\n  const counter =
rootDisplayNameCounter.get(name) || 0;\n  rootDisplayNameCounter.set(name, counter + 1);\n  const pseudoKey
= `${name}:${counter}`;\n  rootPseudoKeys.set(id, pseudoKey);\n }\n\n function removeRootPseudoKey(id:
number) {\n  const pseudoKey = rootPseudoKeys.get(id);\n  if (pseudoKey === undefined) {\n  throw new
Error('Expected root pseudo key to be known.);\n  }\n  const name = pseudoKey.substring(0,
pseudoKey.lastIndexOf(':'));\n  const counter = rootDisplayNameCounter.get(name);\n  if (counter ===
undefined) {\n  throw new Error('Expected counter to be known.);\n  }\n  if (counter > 1) {\n
rootDisplayNameCounter.set(name, counter - 1);\n  } else {\n  rootDisplayNameCounter.delete(name);\n  }\n
rootPseudoKeys.delete(id);\n }\n\n function getDisplayNameForRoot(fiber: Fiber): string {\n  let
preferredDisplayName = null;\n  let fallbackDisplayName = null;\n  let child = fiber.child;\n  // Go at most three
levels deep into direct children\n  // while searching for a child that has a displayName.\n  for (let i = 0; i < 3; i++)
{\n  if (child === null) {\n  break;\n  }\n  const displayName = getDisplayNameForFiber(child);\n  if
(displayName !== null) {\n  // Prefer display names that we get from user-defined components.\n  // We want
to avoid using e.g. 'Suspense' unless we find nothing else.\n  if (typeof child.type === 'function') {\n  //
There's a few user-defined tags, but we'll prefer the ones\n  // that are usually explicitly named (function or
class components).\n  preferredDisplayName = displayName;\n  } else if (fallbackDisplayName === null)
{\n  fallbackDisplayName = displayName;\n  }\n  }\n  if (preferredDisplayName !== null) {\n
break;\n  }\n  child = child.child;\n  }\n  return preferredDisplayName || fallbackDisplayName ||
'Anonymous';\n }\n\n function getPathFrame(fiber: Fiber): PathFrame {\n  const {key} = fiber;\n  let
displayName = getDisplayNameForFiber(fiber);\n  const index = fiber.index;\n  switch (fiber.tag) {\n  case
HostRoot:\n  // Roots don't have a real displayName, index, or key.\n  // Instead, we'll use the pseudo key
(child.displayName:indexWithThatName).\n  const id = getFiberIDThrows(fiber);\n  const pseudoKey =
rootPseudoKeys.get(id);\n  if (pseudoKey === undefined) {\n  throw new Error('Expected mounted root to
have known pseudo key.);\n  }\n  displayName = pseudoKey;\n  break;\n  case HostComponent:\n
displayName = fiber.type;\n  break;\n  default:\n  break;\n  }\n  return {\n  displayName,\n  key,\n
index,\n  };\n }\n\n // Produces a serializable representation that does a best effort\n // of identifying a particular
Fiber between page reloads.\n // The return path will contain Fibers that are "invisible" to the store\n // because
their keys and indexes are important to restoring the selection.\n function getPathForElement(id: number):
Array<PathFrame> | null {\n  let fiber = idToArbitraryFiberMap.get(id);\n  if (fiber === null) {\n  return null;\n
}\n  const keyPath = [];\n  while (fiber !== null) {\n  keyPath.push(getPathFrame(fiber));\n  fiber =
fiber.return;\n  }\n  keyPath.reverse();\n  return keyPath;\n }\n\n function getBestMatchForTrackedPath():
PathMatch | null {\n  if (trackedPath === null) {\n  // Nothing to match.\n  return null;\n  }\n  if
(trackedPathMatchFiber === null) {\n  // We didn't find anything.\n  return null;\n  }\n  // Find the closest
Fiber store is aware of.\n  let fiber = trackedPathMatchFiber;\n  while (fiber !== null && shouldFilterFiber(fiber))
{\n  fiber = fiber.return;\n  }\n  if (fiber === null) {\n  return null;\n  }\n  return {\n  id:
getFiberIDThrows(fiber),\n  isFullMatch: trackedPathMatchDepth === trackedPath.length - 1,\n  };\n }\n\n
const formatPriorityLevel = (priorityLevel: ?number) => {\n  if (priorityLevel === null) {\n  return 'Unknown';\n
}\n\n  switch (priorityLevel) {\n  case ImmediatePriority:\n  return 'Immediate';\n  case
UserBlockingPriority:\n  return 'User-Blocking';\n  case NormalPriority:\n  return 'Normal';\n  case
LowPriority:\n  return 'Low';\n  case IdlePriority:\n  return 'Idle';\n  case NoPriority:\n  default:\n
return 'Unknown';\n  }\n  };\n\n function setTraceUpdatesEnabled(isEnabled: boolean): void {\n
traceUpdatesEnabled = isEnabled;\n }\n\n return {\n  cleanup,\n  clearErrorsAndWarnings,\n
clearErrorsForFiberID,\n  clearWarningsForFiberID,\n  copyElementPath,\n  deletePath,\n
findNativeNodesForFiberID,\n  flushInitialOperations,\n  getBestMatchForTrackedPath,\n
getDisplayNameForFiberID,\n  getFiberIDForNative,\n  getInstanceAndStyle,\n  getOwnersList,\n
getPathForElement,\n  getProfilingData,\n  handleCommitFiberRoot,\n  handleCommitFiberUnmount,\n
handlePostCommitFiberRoot,\n  inspectElement,\n  logElementToConsole,\n  patchConsoleForStrictMode,\n
prepareViewAttributeSource,\n  prepareViewElementSource,\n  overrideError,\n  overrideSuspense,\n

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overrideValueAtPath,\n renamePath,\n renderer,\n setTraceUpdatesEnabled,\n setTrackedPath,\n
startProfiling,\n stopProfiling,\n storeAsGlobal,\n unpatchConsoleForStrictMode,\n
updateComponentFilters,\n };\n}\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source
code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n
* @flow\n */\n\n// This list should be kept updated to reflect additions to 'shared/ReactSymbols'.\n// DevTools can't
import symbols from 'shared/ReactSymbols' directly for two reasons:\n// 1. DevTools requires symbols which may
have been deleted in more recent versions (e.g. concurrent mode)\n// 2. DevTools must support both Symbol and
numeric forms of each symbol;\n// Since e.g. standalone DevTools runs in a separate process, it can't rely on its
own ES capabilities.\n\nexport const CONCURRENT_MODE_NUMBER = 0xeadf;\nexport const
CONCURRENT_MODE_SYMBOL_STRING = 'Symbol(react.concurrent_mode)';\nexport const
CONTEXT_NUMBER = 0xeace;\nexport const CONTEXT_SYMBOL_STRING =
'Symbol(react.context)';\nexport const DEPRECATED_ASYNC_MODE_SYMBOL_STRING =
'Symbol(react.async_mode)';\nexport const ELEMENT_NUMBER = 0xeac7;\nexport const
ELEMENT_SYMBOL_STRING = 'Symbol(react.element)';\nexport const
DEBUG_TRACING_MODE_NUMBER = 0xae1;\nexport const
DEBUG_TRACING_MODE_SYMBOL_STRING = '\n Symbol(react.debug_trace_mode)';\nexport const
FORWARD_REF_NUMBER = 0xeada;\nexport const FORWARD_REF_SYMBOL_STRING =
'Symbol(react.forward_ref)';\nexport const FRAGMENT_NUMBER = 0xeacb;\nexport const
FRAGMENT_SYMBOL_STRING = 'Symbol(react.fragment)';\nexport const LAZY_NUMBER =
0xead4;\nexport const LAZY_SYMBOL_STRING = 'Symbol(react.lazy)';\nexport const MEMO_NUMBER =
0xead3;\nexport const MEMO_SYMBOL_STRING = 'Symbol(react.memo)';\nexport const PORTAL_NUMBER
= 0xeaca;\nexport const PORTAL_SYMBOL_STRING = 'Symbol(react.portal)';\nexport const
PROFILER_NUMBER = 0xeada;\nexport const PROFILER_SYMBOL_STRING =
'Symbol(react.profiler)';\nexport const PROVIDER_NUMBER = 0xeacd;\nexport const
PROVIDER_SYMBOL_STRING = 'Symbol(react.provider)';\nexport const SCOPE_NUMBER =
0xeac7;\nexport const SCOPE_SYMBOL_STRING = 'Symbol(react.scope)';\nexport const
STRICT_MODE_NUMBER = 0xeacc;\nexport const STRICT_MODE_SYMBOL_STRING =
'Symbol(react.strict_mode)';\nexport const SUSPENSE_NUMBER = 0xead1;\nexport const
SUSPENSE_SYMBOL_STRING = 'Symbol(react.suspense)';\nexport const SUSPENSE_LIST_NUMBER =
0xead8;\nexport const SUSPENSE_LIST_SYMBOL_STRING = 'Symbol(react.suspense_list)';\n\n/*\n *
Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in
the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\n// This is a DevTools fork of
shared/ConsolePatchingDev.\n// The shared console patching code is DEV-only.\n// We can't use it since DevTools
only ships production builds.\n\n// Helpers to patch console.logs to avoid logging during side-effect free\n//
replaying on render function. This currently only patches the object\n// lazily which won't cover if the log function
was extracted eagerly.\n// We could also eagerly patch the method.\n\nlet disabledDepth = 0;\nlet prevLog;\nlet
prevInfo;\nlet prevWarn;\nlet prevError;\nlet prevGroup;\nlet prevGroupCollapsed;\nlet prevGroupEnd;\n\nfunction
disabledLog() {\n  disabledLog.__reactDisabledLog = true;\n\n  export function disableLogs(): void {\n    if
(disabledDepth === 0) {\n      /* eslint-disable react-internal/no-production-logging */\n      prevLog = console.log;\n
      prevInfo = console.info;\n      prevWarn = console.warn;\n      prevError = console.error;\n      prevGroup =
console.group;\n      prevGroupCollapsed = console.groupCollapsed;\n      prevGroupEnd = console.groupEnd;\n      //
https://github.com/facebook/react/issues/19099\n      const props = {\n        configurable: true,\n        enumerable: true,\n
        value: disabledLog,\n        writable: true,\n      };\n      // $FlowFixMe Flow thinks console is immutable.\n
      Object.defineProperties(console, {\n        info: props,\n        log: props,\n        warn: props,\n        error: props,\n        group:
props,\n        groupCollapsed: props,\n        groupEnd: props,\n      });\n      /* eslint-enable react-internal/no-production-
logging */\n      disabledDepth++;\n    }\n\n    export function reenableLogs(): void {\n      disabledDepth--;\n      if
(disabledDepth === 0) {\n        /* eslint-disable react-internal/no-production-logging */\n        const props = {\n
          configurable: true,\n          enumerable: true,\n          writable: true,\n        };\n        // $FlowFixMe Flow thinks console is

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immutable.\n  Object.defineProperties(console, {\n    log: {...props, value: prevLog},\n    info: {...props, value: prevInfo},\n    warn: {...props, value: prevWarn},\n    error: {...props, value: prevError},\n    group: {...props, value: prevGroup},\n    groupCollapsed: {...props, value: prevGroupCollapsed},\n    groupEnd: {...props, value: prevGroupEnd},\n  });\n  /* eslint-enable react-internal/no-production-logging */\n  if (disabledDepth < 0)\n  {\n    console.error(\n      'disabledDepth fell below zero. ' +\n      'This is a bug in React. Please file an issue.',\n    );\n  }\n  }"}\n  /**\n   * Copyright (c) Facebook, Inc. and its affiliates.\n   * This source code is licensed under the MIT license found in the\n   * LICENSE file in the root directory of this source tree.\n   * @flow\n   */\n  This is a DevTools fork of ReactDOMStackFrame.\n  // This fork enables DevTools to use the same "native" component stack format,\n  // while still maintaining support for multiple renderer versions\n  // (which use different values for ReactTypeOfWork).\n  \n  import type {Source} from 'shared/ReactElementType';\n  import type {LazyComponent} from 'react/src/ReactLazy';\n  import type {CurrentDispatcherRef} from './types';\n  \n  import {\n    FORWARD_REF_NUMBER,\n    FORWARD_REF_SYMBOL_STRING,\n    LAZY_NUMBER,\n    LAZY_SYMBOL_STRING,\n    MEMO_NUMBER,\n    MEMO_SYMBOL_STRING,\n    SUSPENSE_NUMBER,\n    SUSPENSE_SYMBOL_STRING,\n    SUSPENSE_LIST_NUMBER,\n    SUSPENSE_LIST_SYMBOL_STRING,\n  } from './ReactSymbols';\n  \n  // The shared console patching code is DEV-only.\n  // We can't use it since DevTools only ships production builds.\n  \n  import {disableLogs, reenableLogs} from './DevToolsConsolePatching';\n  \n  let prefix;\n  \n  export function describeBuiltInComponentFrame(\n    name: string,\n    source: void | null | Source,\n    ownerFn: void | null | Function,\n  ): string {\n    if (prefix === undefined) {\n      // Extract the VM specific prefix used by each line.\n      try {\n        throw Error();\n      } catch (x) {\n        const match = x.stack.trim().match(/^\\n( *(at)?)/);\n        prefix = (match && match[1]) || '';\n      }\n      // We use the prefix to ensure our stacks line up with native stack frames.\n      return '\\n' + prefix + name;\n    }\n    \n    let reentry = false;\n    let componentFrameCache;\n    \n    if (__DEV__) {\n      const PossiblyWeakMap =\n        typeof WeakMap === 'function' ? WeakMap : Map;\n      componentFrameCache =\n        new PossiblyWeakMap();\n    }\n    \n    export function describeNativeComponentFrame(\n      fn: Function,\n      construct: boolean,\n      currentDispatcherRef: CurrentDispatcherRef,\n    ): string {\n      // If something asked for a stack inside a fake render, it should get ignored.\n      if (!fn || reentry) {\n        return '';\n      }\n      \n      if (__DEV__) {\n        const frame = componentFrameCache.get(fn);\n        if (frame !== undefined) {\n          return frame;\n        }\n      }\n      \n      let control;\n      \n      const previousPrepareStackTrace =\n        Error.prepareStackTrace;\n      // $FlowFixMe It does accept undefined.\n      Error.prepareStackTrace =\n        undefined;\n      \n      reentry = true;\n      \n      // Override the dispatcher so effects scheduled by this shallow render are thrown away.\n      // Note that unlike the code this was forked from (in ReactDOMStackFrame)\n      // DevTools should override the dispatcher even when DevTools is compiled in production mode,\n      // because the app itself may be in development mode and log errors/warnings.\n      \n      const previousDispatcher =\n        currentDispatcherRef.current;\n      currentDispatcherRef.current =\n        null;\n      \n      disableLogs();\n      \n      try {\n        // This should throw.\n        if (construct) {\n          // Something should be setting the props in the constructor.\n          const Fake = function() {\n            throw Error();\n          }; // $FlowFixMe\n          \n          Object.defineProperty(Fake.prototype, 'props', {\n            set: function() {\n              // We use a throwing setter instead of frozen or non-writable props\n              // because that won't throw in a non-strict mode function.\n              throw Error();\n            },\n          });\n          \n          if (typeof Reflect === 'object' && Reflect.construct) {\n            // We construct a different control for this case to include any extra\n            // frames added by the construct call.\n            try {\n              Reflect.construct(Fake, []);\n            } catch (x) {\n              control = x;\n            }\n            \n            Reflect.construct(fn, [], Fake);\n          } else {\n            try {\n              Fake.call();\n            } catch (x) {\n              control = x;\n            }\n            \n            fn.call(Fake.prototype);\n          } else {\n            try {\n              throw Error();\n            } catch (x) {\n              control = x;\n            }\n            \n            fn();\n          }\n        } catch (sample) {\n          // This is inlined manually because closure doesn't do it for us.\n          if (sample && control && typeof sample.stack === 'string') {\n            // This extracts the first frame from the sample that isn't also in the control.\n            // Skipping one frame that we assume is the frame that calls the two.\n            const sampleLines =\n              sample.stack.split('\\n');\n            const controlLines =\n              control.stack.split('\\n');\n            let s =\n              sampleLines.length - 1;\n            let c =\n              controlLines.length - 1;\n            while (s >= 1 && c >= 0 && sampleLines[s] !==\n              controlLines[c]) {\n              // We expect at least one stack frame to be shared.\n              // Typically this will be the root most one. However, stack frames may be\n              // cut off due to maximum stack limits. In this case, one maybe cut

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off\n    // earlier than the other. We assume that the sample is longer or the same\n    // and there for cut off
earlier. So we should find the root most frame in\n    // the sample somewhere in the control.\n    c--;\n    }\n
for (; s >= 1 && c >= 0; s--, c--) {\n    // Next we find the first one that isn't the same which should be the\n    // frame that called our sample function and the control.\n    if (sampleLines[s] !== controlLines[c]) {\n    // In
V8, the first line is describing the message but other VMs don't.\n    // If we're about to return the first line, and
the control is also on the same\n    // line, that's a pretty good indicator that our sample threw at same line as\n
    // the control. I.e. before we entered the sample frame. So we ignore this result.\n    // This can happen if you
passed a class to function component, or non-function.\n    if (s !== 1 || c !== 1) {\n    do {\n    s--;\n
    c--;\n    // We may still have similar intermediate frames from the construct call.\n    // The next
one that isn't the same should be our match though.\n    if (c < 0 || sampleLines[s] !== controlLines[c]) {\n
    // V8 adds a "new" prefix for native classes. Let's remove it to make it prettier.\n    const frame = '\n' +
sampleLines[s].replace(' at new ', ' at ');
    if (__DEV__) {\n    if (typeof fn === 'function') {\n
    componentFrameCache.set(fn, frame);\n    }\n    }\n    // Return the line we found.\n
    return frame;\n    }\n    } while (s >= 1 && c >= 0);\n    }\n    break;\n    }\n    }\n    }\n
} finally {\n    reentry = false;\n    Error.prepareStackTrace = previousPrepareStackTrace;\n    currentDispatcherRef.current = previousDispatcher;\n    reenableLogs();\n    }\n    // Fallback to just using the name if
we couldn't make it throw.\n    const name = fn ? fn.displayName || fn.name : '';\n    const syntheticFrame = name ?
describeBuiltInComponentFrame(name) : '';\n    if (__DEV__) {\n    if (typeof fn === 'function') {\n
    componentFrameCache.set(fn, syntheticFrame);\n    }\n    }\n    return syntheticFrame;\n    }\n    }\n
}\n\nexport function
describeClassComponentFrame(\n    ctor: Function,\n    source: void | null | Source,\n    ownerFn: void | null |
Function,\n    currentDispatcherRef: CurrentDispatcherRef,\n): string {\n    return
describeNativeComponentFrame(ctor, true, currentDispatcherRef);\n    }\n    }\n
}\n\nexport function
describeFunctionComponentFrame(\n    fn: Function,\n    source: void | null | Source,\n    ownerFn: void | null |
Function,\n    currentDispatcherRef: CurrentDispatcherRef,\n): string {\n    return describeNativeComponentFrame(fn,
false, currentDispatcherRef);\n    }\n    }\n
}\n\nfunction shouldConstruct(Component: Function) {\n    const prototype =
Component.prototype;\n    return !!((prototype && prototype.isReactComponent));\n    }\n    }\n
}\n\nexport function
describeUnknownElementTypeFrameInDEV(\n    type: any,\n    source: void | null | Source,\n    ownerFn: void | null |
Function,\n    currentDispatcherRef: CurrentDispatcherRef,\n): string {\n    if (!__DEV__) {\n    return '';\n    }\n    if
(type == null) {\n    return '';\n    }\n    if (typeof type === 'function') {\n    return describeNativeComponentFrame(\n
type,\n    shouldConstruct(type),\n    currentDispatcherRef,\n    );\n    }\n    if (typeof type === 'string') {\n    return
describeBuiltInComponentFrame(type, source, ownerFn);\n    }\n    switch (type) {\n    case SUSPENSE_NUMBER:\n
case SUSPENSE_SYMBOL_STRING:\n    return describeBuiltInComponentFrame('Suspense', source,
ownerFn);\n    case SUSPENSE_LIST_NUMBER:\n    case SUSPENSE_LIST_SYMBOL_STRING:\n    return
describeBuiltInComponentFrame('SuspenseList', source, ownerFn);\n    }\n    if (typeof type === 'object') {\n    switch
(type.$typeof) {\n    case FORWARD_REF_NUMBER:\n    case FORWARD_REF_SYMBOL_STRING:\n
return describeFunctionComponentFrame(\n    type.render,\n    source,\n    ownerFn,\n
currentDispatcherRef,\n    );\n    case MEMO_NUMBER:\n    case MEMO_SYMBOL_STRING:\n    //
Memo may contain any component type so we recursively resolve it.\n    return
describeUnknownElementTypeFrameInDEV(\n    type.type,\n    source,\n    ownerFn,\n
currentDispatcherRef,\n    );\n    case LAZY_NUMBER:\n    case LAZY_SYMBOL_STRING: {\n    const
lazyComponent: LazyComponent<any, any> = (type: any);\n    const payload = lazyComponent._payload;\n
const init = lazyComponent._init;\n    try {\n    // Lazy may contain any component type so we recursively
resolve it.\n    return describeUnknownElementTypeFrameInDEV(\n    init(payload),\n    source,\n
ownerFn,\n    currentDispatcherRef,\n    );\n    } catch (x) {\n    }\n    }\n    }\n    }\n    return '';\n    }\n    }\n
}\n\n * This source code is licensed under the MIT license found in
the\n * LICENSE file in the root directory of this source tree.\n * @flow\n */\n\n * This is a DevTools fork of
ReactFiberComponentStack.\n * This fork enables DevTools to use the same "native" component stack format,\n *
while still maintaining support for multiple renderer versions\n * (which use different values for

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ReactTypeOfWork).\n\nimport type {Fiber} from 'react-reconciler/src/ReactInternalTypes';\nimport type
{CurrentDispatcherRef, WorkTagMap} from './types';\nimport {\n describeBuiltInComponentFrame,\n describeFunctionComponentFrame,\n describeClassComponentFrame,\n} from
'./DevToolsComponentStackFrame';\n\nfunction describeFiber(\n workTagMap: WorkTagMap,\n workInProgress:
Fiber,\n currentDispatcherRef: CurrentDispatcherRef,\n): string {\n const {\n HostComponent,\n LazyComponent,\n SuspenseComponent,\n SuspenseListComponent,\n FunctionComponent,\n IndeterminateComponent,\n SimpleMemoComponent,\n ForwardRef,\n ClassComponent,\n } =
workTagMap;\n\n const owner: null | Function = __DEV__\n ? workInProgress._debugOwner\n ?
workInProgress._debugOwner.type\n : null\n : null;\n const source = __DEV__ ?
workInProgress._debugSource : null;\n switch (workInProgress.tag) {\n case HostComponent:\n return
describeBuiltInComponentFrame(workInProgress.type, source, owner);\n case LazyComponent:\n return
describeBuiltInComponentFrame('Lazy', source, owner);\n case SuspenseComponent:\n return
describeBuiltInComponentFrame('Suspense', source, owner);\n case SuspenseListComponent:\n return
describeBuiltInComponentFrame('SuspenseList', source, owner);\n case FunctionComponent:\n case
IndeterminateComponent:\n case SimpleMemoComponent:\n return describeFunctionComponentFrame(\n
workInProgress.type,\n source,\n owner,\n currentDispatcherRef,\n );\n case ForwardRef:\n
return describeFunctionComponentFrame(\n workInProgress.type.render,\n source,\n owner,\n
currentDispatcherRef,\n );\n case ClassComponent:\n return describeClassComponentFrame(\n
workInProgress.type,\n source,\n owner,\n currentDispatcherRef,\n );\n default:\n return ";\n
}\n}\n\nexport function getStackByFiberInDevAndProd(\n workTagMap: WorkTagMap,\n workInProgress:
Fiber,\n currentDispatcherRef: CurrentDispatcherRef,\n): string {\n try {\n let info = ";\n let node =
workInProgress;\n do {\n info += describeFiber(workTagMap, node, currentDispatcherRef);\n node =
node.return;\n } while (node);\n return info;\n } catch (x) {\n return "\nError generating stack: ' + x.message +
"\n' + x.stack;\n }\n}\n\n", /**\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed
under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n
*/\n\nimport type {Fiber} from 'react-reconciler/src/ReactInternalTypes';\nimport type {CurrentDispatcherRef,
ReactRenderer, WorkTagMap} from './types';\nimport type {BrowserTheme} from 'react-devtools-
shared/src/devtools/views/DevTools';\nimport {format} from './utils';\nimport {getInternalReactConstants} from
'./renderer';\nimport {getStackByFiberInDevAndProd} from './DevToolsFiberComponentStack';\nimport
{consoleManagedByDevToolsDuringStrictMode} from 'react-devtools-feature-flags';\n\nconst
OVERRIDE_CONSOLE_METHODS = ['error', 'trace', 'warn'];\nconst DIMMED_NODE_CONSOLE_COLOR =
"\x1b[2m%s\x1b[0m";\n\n// React's custom built component stack strings match "\s{4}in"\n// Chrome's prefix
matches "\s{4}at"\nconst PREFIX_REGEX = /\s{4}(in|at)\s{1}/;\n// Firefox and Safari have no prefix ("")\n//
but we can fallback to looking for location info (e.g. "foo.js:12:345")\nconst
ROW_COLUMN_NUMBER_REGEX = /:\d+:\d+(\(\d+\))/;\n\nexport function isStringComponentStack(text:
string): boolean {\n return PREFIX_REGEX.test(text) ||
ROW_COLUMN_NUMBER_REGEX.test(text);\n}\n\nconst STYLE_DIRECTIVE_REGEX = /^%c/;\n\n// This
function tells whether or not the arguments for a console\n// method has been overridden by the patchForStrictMode
function.\n// If it has we'll need to do some special formatting of the arguments\n// so the console color stays
consistent\nfunction isStrictModeOverride(args: Array<string>, method: string): boolean {\n return (\n
args.length === 2 &\n STYLE_DIRECTIVE_REGEX.test(args[0]) &\n args[1] === `color:
${getConsoleColor(method) || ""}`\n );\n}\n\nfunction getConsoleColor(method: string): ?string {\n switch
(method) {\n case 'warn':\n return consoleSettingsRef.browserTheme === 'light'\n ?
process.env.LIGHT_MODE_DIMMED_WARNING_COLOR\n :
process.env.DARK_MODE_DIMMED_WARNING_COLOR;\n case 'error':\n return
consoleSettingsRef.browserTheme === 'light'\n ? process.env.LIGHT_MODE_DIMMED_ERROR_COLOR\n
: process.env.DARK_MODE_DIMMED_ERROR_COLOR;\n case 'log':\n default:\n return
consoleSettingsRef.browserTheme === 'light'\n ? process.env.LIGHT_MODE_DIMMED_LOG_COLOR\n

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: process.env.DARK_MODE_DIMMED_LOG_COLOR;\n } }\n\ntype OnErrorOrWarning = (\n fiber: Fiber,\n
type: 'error' | 'warn',\n args: Array<any>,\n) => void;\n\nconst injectedRenderers: Map<\n ReactRenderer,\n {\n
currentDispatcherRef: CurrentDispatcherRef,\n getCurrentFiber: () => Fiber | null,\n onErrorOrWarning:
?OnErrorOrWarning,\n workTagMap: WorkTagMap,\n }> = new Map();\n\nlet targetConsole: Object =
console;\nlet targetConsoleMethods = {};\nfor (const method in console) {\n targetConsoleMethods[method] =
console[method];\n}\n\nlet unpatchFn: null | (( => void) = null;\n\nlet isNode = false;\n\ntry {\n isNode = this ===
global;\n} catch (error) {} \n\n// Enables e.g. Jest tests to inject a mock console object.\n\nexport function
dangerous_setTargetConsoleForTesting(\n targetConsoleForTesting: Object,\n): void {\n targetConsole =
targetConsoleForTesting;\n\n targetConsoleMethods = {};\n for (const method in targetConsole) {\n
targetConsoleMethods[method] = console[method];\n } }\n\n// v16 renderers should use this method to inject
internals necessary to generate a component stack.\n// These internals will be used if the console is patched.\n//
Injecting them separately allows the console to easily be patched or un-patched later (at runtime).\n\nexport function
registerRenderer(\n renderer: ReactRenderer,\n onErrorOrWarning?: OnErrorOrWarning,\n): void {\n const {\n
currentDispatcherRef,\n getCurrentFiber,\n findFiberByHostInstance,\n version,\n } = renderer;\n\n // Ignore
React v15 and older because they don't expose a component stack anyway.\n if (typeof findFiberByHostInstance
!== 'function') {\n return;\n } }\n\n // currentDispatcherRef gets injected for v16.8+ to support hooks inspection.\n
// getCurrentFiber gets injected for v16.9+.\n if (currentDispatcherRef !== null && typeof getCurrentFiber ===
'function') {\n const {ReactTypeOfWork} = getInternalReactConstants(version);\n\n injectedRenderers.set(renderer, {\n
currentDispatcherRef,\n getCurrentFiber,\n workTagMap:
ReactTypeOfWork,\n onErrorOrWarning,\n });\n } }\n\nconst consoleSettingsRef = {\n
appendComponentStack: false,\n breakOnConsoleErrors: false,\n showInlineWarningsAndErrors: false,\n
hideConsoleLogsInStrictMode: false,\n browserTheme: 'dark',\n};\n\n// Patches console methods to append
component stack for the current fiber.\n// Call unpatch() to remove the injected behavior.\n\nexport function patch({\n
appendComponentStack,\n breakOnConsoleErrors,\n showInlineWarningsAndErrors,\n
hideConsoleLogsInStrictMode,\n browserTheme,\n}): {\n appendComponentStack: boolean,\n
breakOnConsoleErrors: boolean,\n showInlineWarningsAndErrors: boolean,\n hideConsoleLogsInStrictMode:
boolean,\n browserTheme: BrowserTheme,\n}): void {\n // Settings may change after we've patched the console.\n
// Using a shared ref allows the patch function to read the latest values.\n\n consoleSettingsRef.appendComponentStack =
appendComponentStack;\n consoleSettingsRef.breakOnConsoleErrors = breakOnConsoleErrors;\n
consoleSettingsRef.showInlineWarningsAndErrors = showInlineWarningsAndErrors;\n
consoleSettingsRef.hideConsoleLogsInStrictMode = hideConsoleLogsInStrictMode;\n
consoleSettingsRef.browserTheme = browserTheme;\n\n if (\n appendComponentStack ||\n
breakOnConsoleErrors ||\n showInlineWarningsAndErrors\n ) {\n if (unpatchFn !== null) {\n // Don't patch
twice.\n return;\n } }\n\n const originalConsoleMethods = {};\n\n unpatchFn = () => {\n for (const method
in originalConsoleMethods) {\n try {\n // $FlowFixMe property error|warn is not writable.\n
targetConsole[method] = originalConsoleMethods[method];\n } catch (error) {} }\n };\n\n
OVERRIDE_CONSOLE_METHODS.forEach(method => {\n try {\n const originalMethod =
(originalConsoleMethods[method] = targetConsole[\n method\n
].__REACT_DEVTOOLS_ORIGINAL_METHOD__\n ?\n
targetConsole[method].__REACT_DEVTOOLS_ORIGINAL_METHOD__\n : targetConsole[method]);\n\n
const overrideMethod = (...args) => {\n let shouldAppendWarningStack = false;\n if (method !== 'log')\n
{\n if (consoleSettingsRef.appendComponentStack) {\n const lastArg = args.length > 0 ?
args[args.length - 1] : null;\n const alreadyHasComponentStack =\n typeof lastArg === 'string' &&
isStringComponentStack(lastArg);\n // If we are ever called with a string that already has a component
stack,\n // e.g. a React error/warning, don't append a second stack.\n shouldAppendWarningStack =
!alreadyHasComponentStack;\n } }\n\n const shouldShowInlineWarningsAndErrors =\n consoleSettingsRef.showInlineWarningsAndErrors &&\n
(method === 'error' || method === 'warn');\n\n

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// Search for the first renderer that has a current Fiber.\n      // We don't handle the edge case of stacks for more
than one (e.g. interleaved renderers?)\n      // eslint-disable-next-line no-for-of-loops/no-for-of-loops\n      for
(const {\n      currentDispatcherRef,\n      getCurrentFiber,\n      onErrorOrWarning,\n      workTagMap,\n      } of injectedRenderers.values()) {\n      const current: ?Fiber = getCurrentFiber();\n      if (current !== null) {\n      try {\n      if (shouldShowInlineWarningsAndErrors) {\n      // patch() is
called by two places: (1) the hook and (2) the renderer backend.\n      // The backend is what implements a
message queue, so it's the only one that injects onErrorOrWarning.\n      if (typeof onErrorOrWarning ===
'function') {\n      onErrorOrWarning(\n      current,\n      ((method: any): 'error' |
'warn'),\n      // Copy args before we mutate them (e.g. adding the component stack)\n
args.slice(),\n      );\n      }\n      }\n      }\n      if (shouldAppendWarningStack) {\n
const componentStack = getStackByFiberInDevAndProd(\n      workTagMap,\n      current,\n
      currentDispatcherRef,\n      );\n      if (componentStack !== "") {\n      if
(isStrictModeOverride(args, method)) {\n      args[0] = format(args[0], componentStack);\n      }
else {\n      args.push(componentStack);\n      }\n      }\n      } catch
(error) {\n      // Don't let a DevTools or React internal error interfere with logging.\n      setTimeout(()
=> {\n      throw error;\n      }, 0);\n      } finally {\n      break;\n      }\n      }\n
}\n      if (consoleSettingsRef.breakOnConsoleErrors) {\n      // --- Welcome to debugging with React
DevTools ---\n      // This debugger statement means that you've enabled the \"break on warnings\" feature.\n
// Use the browser's Call Stack panel to step out of this override function-\n      // to where the original warning
or error was logged.\n      // eslint-disable-next-line no-debugger\n      debugger;\n      }\n      }
originalMethod(...args);\n      };\n      overrideMethod.__REACT_DEVTOOLS_ORIGINAL_METHOD__ =
originalMethod;\n      originalMethod.__REACT_DEVTOOLS_OVERRIDE_METHOD__ = overrideMethod;\n      }
catch (error) {\n      // $FlowFixMe property error|warn is not writable.\n      targetConsole[method] = overrideMethod;\n      } catch
(error) {\n      }\n      } else {\n      unpatch();\n      }\n      }\n      // Removed component stack patch from console
methods.\n      export function unpatch(): void {\n      if (unpatchFn !== null) {\n      unpatchFn();\n      unpatchFn = null;\n
}\n      }\n      let unpatchForStrictModeFn: null | (() => void) = null;\n      // NOTE: KEEP IN SYNC with
src/hook.js:patchConsoleForInitialRenderInStrictMode\n      export function patchForStrictMode() {\n      if
(consoleManagedByDevToolsDuringStrictMode) {\n      const overrideConsoleMethods = ['error', 'trace', 'warn',
'log'];\n      if (unpatchForStrictModeFn !== null) {\n      // Don't patch twice.\n      return;\n      }\n      const
originalConsoleMethods = {};\n      unpatchForStrictModeFn = () => {\n      for (const method in
originalConsoleMethods) {\n      try {\n      // $FlowFixMe property error|warn is not writable.\n
targetConsole[method] = originalConsoleMethods[method];\n      } catch (error) {\n      }\n      };\n      }
overrideConsoleMethods.forEach(method => {\n      try {\n      const originalMethod =
(originalConsoleMethods[method] = targetConsole[\n      method\n
      ].__REACT_DEVTOOLS_STRICT_MODE_ORIGINAL_METHOD__\n      ?
targetConsole[method].__REACT_DEVTOOLS_STRICT_MODE_ORIGINAL_METHOD__\n      :
targetConsole[method]);\n      const overrideMethod = (...args) => {\n      if
(!consoleSettingsRef.hideConsoleLogsInStrictMode) {\n      // Dim the text color of the double logs if we're
not\n      // hiding them.\n      if (isNode) {\n
originalMethod(DIMMED_NODE_CONSOLE_COLOR, format(...args));\n      } else {\n      const color =
getConsoleColor(method);\n      if (color) {\n      originalMethod(`%c${format(...args)}`, `color:
${color}`);\n      } else {\n      throw Error('Console color is not defined');\n      }\n      }\n      };\n      }
overrideMethod.__REACT_DEVTOOLS_STRICT_MODE_ORIGINAL_METHOD__ =
originalMethod;\n      originalMethod.__REACT_DEVTOOLS_STRICT_MODE_OVERRIDE_METHOD__ =
overrideMethod;\n      // $FlowFixMe property error|warn is not writable.\n      targetConsole[method] =
overrideMethod;\n      } catch (error) {\n      }\n      };\n      }\n      }\n      // NOTE: KEEP IN SYNC with
src/hook.js:unpatchConsoleForInitialRenderInStrictMode\n      export function unpatchForStrictMode(): void {\n      if
(consoleManagedByDevToolsDuringStrictMode) {\n      if (unpatchForStrictModeFn !== null) {\n

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= self;\n} else {\n  windowObject = global;\n}\n\nvar cancelFrame = null;\nvar requestFrame = null;\n\nvar
TIMEOUT_DURATION = 20;\n\nvar clearTimeoutFn = windowObject.clearTimeout;\nvar setTimeoutFn =
windowObject.setTimeout;\n\nvar cancelAnimationFrameFn = windowObject.cancelAnimationFrame ||
windowObject.mozCancelAnimationFrame || windowObject.webkitCancelAnimationFrame;\n\nvar
requestAnimationFrameFn = windowObject.requestAnimationFrame || windowObject.mozRequestAnimationFrame
|| windowObject.webkitRequestAnimationFrame;\n\nif (cancelAnimationFrameFn == null ||
requestAnimationFrameFn == null) {\n  // For environments that don't support animation frame,\n  // fallback to a
setTimeout based approach.\n  cancelFrame = clearTimeoutFn;\n  requestFrame = function
requestAnimationFrameViaSetTimeout(callback) {\n    return setTimeoutFn(callback, TIMEOUT_DURATION);\n
  };\n} else {\n  // Counter intuitively, environments that support animation frames can be trickier.\n  // Chrome's
`Throttle non-visible cross-origin iframes` flag can prevent rAFs from being called.\n  // In this case, we should
fallback to a setTimeout() implementation.\n  cancelFrame = function cancelFrame(_ref) {\n    var _ref2 =
slicedToArray(_ref, 2),\n        animationFrameID = _ref2[0],\n        timeoutID = _ref2[1];\n\n    cancelAnimationFrameFn(animationFrameID);\n    clearTimeoutFn(timeoutID);\n  };\n  requestFrame = function
requestAnimationFrameWithSetTimeoutFallback(callback) {\n    var animationFrameID =
requestAnimationFrameFn(function animationFrameCallback() {\n      clearTimeoutFn(timeoutID);\n
      callback();\n    });\n\n    var timeoutID = setTimeoutFn(function timeoutCallback() {\n
      cancelAnimationFrameFn(animationFrameID);\n      callback();\n    }, TIMEOUT_DURATION);\n\n    return
[animationFrameID, timeoutID];\n  };\n}\n\nfunction createDetectElementResize(nonce) {\n  var
animationKeyframes = void 0;\n  var animationName = void 0;\n  var animationStartEvent = void 0;\n  var
animationStyle = void 0;\n  var checkTriggers = void 0;\n  var resetTriggers = void 0;\n  var scrollListener = void
0;\n\n  var attachEvent = typeof document !== 'undefined' && document.attachEvent;\n  if (!attachEvent) {\n
    resetTriggers = function resetTriggers(element) {\n      var triggers = element.__resizeTriggers__,\n          expand =
triggers.firstElementChild,\n          contract = triggers.lastElementChild,\n          expandChild =
expand.firstElementChild;\n      contract.scrollLeft = contract.scrollWidth;\n      contract.scrollTop =
contract.scrollHeight;\n      expandChild.style.width = expand.offsetWidth + 1 + 'px';\n      expandChild.style.height
= expand.offsetHeight + 1 + 'px';\n      expand.scrollLeft = expand.scrollWidth;\n      expand.scrollTop =
expand.scrollHeight;\n    };\n\n    checkTriggers = function checkTriggers(element) {\n      return
element.offsetWidth !== element.__resizeLast__.width || element.offsetHeight !== element.__resizeLast__.height;\n
    };\n\n    scrollListener = function scrollListener(e) {\n      // Don't measure (which forces) reflow for scrolls that
happen inside of children!\n      if (e.target.className && typeof e.target.className.indexOf === 'function' &&
e.target.className.indexOf('contract-trigger') < 0 && e.target.className.indexOf('expand-trigger') < 0) {\n
        return;\n      }\n\n      var element = this;\n      resetTriggers(this);\n      if (this.__resizeRAF__) {\n
        cancelFrame(this.__resizeRAF__);\n      }\n      this.__resizeRAF__ = requestFrame(function animationFrame() {\n
        if (checkTriggers(element)) {\n          element.__resizeLast__.width = element.offsetWidth;\n
          element.__resizeLast__.height = element.offsetHeight;\n          element.__resizeListeners__.forEach(function
forEachResizeListener(fn) {\n            fn.call(element, e);\n          });\n        }\n      });\n\n      /* Detect CSS
Animations support to detect element display/re-attach */\n      var animation = false;\n      var keyframeprefix = '';\n
      animationStartEvent = 'animationstart';\n      var domPrefixes = 'Webkit Moz O ms'.split(' ');\n      var startEvents =
'webkitAnimationStart animationstart oAnimationStart MSAnimationStart'.split(' ');\n      var pfx = '';\n      {\n        var
elm = document.createElement('fakeelement');\n        if (elm.style.animationName !== undefined) {\n          animation
= true;\n        }\n\n        if (animation === false) {\n          for (var i = 0; i < domPrefixes.length; i++) {\n            if
(elm.style[domPrefixes[i] + 'AnimationName'] !== undefined) {\n              pfx = domPrefixes[i];\n              keyframeprefix
= '-' + pfx.toLowerCase() + '-';\n              animationStartEvent = startEvents[i];\n              animation =
true;\n              break;\n            }\n          }\n        }\n\n        animationName = 'resizeanim';\n        animationKeyframes =
'@' + keyframeprefix + 'keyframes ' + animationName + ' { from { opacity: 0; } to { opacity: 0; } }';\n\n        animationStyle
= keyframeprefix + 'animation: 1ms ' + animationName + '';\n      }\n\n      var createStyles = function
createStyles(doc) {\n        if (!doc.getElementById('detectElementResize')) {\n          //opacity:0 works around a chrome

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bug https://code.google.com/p/chromium/issues/detail?id=286360\n    var css = (animationKeyframes ?
animationKeyframes : ") + '.resize-triggers { ' + (animationStyle ? animationStyle : ") + 'visibility: hidden; opacity:
0; } ' + '.resize-triggers, .resize-triggers > div, .contract-trigger:before { content: \" \"; display: block; position:
absolute; top: 0; left: 0; height: 100%; width: 100%; overflow: hidden; z-index: -1; } .resize-triggers > div {
background: #eee; overflow: auto; } .contract-trigger:before { width: 200%; height: 200%; };\n    head =
doc.head || doc.getElementsByTagName('head')[0],\n    style = doc.createElement('style');\n\n    style.id =
'detectElementResize';\n    style.type = 'text/css';\n\n    if (nonce != null) {\n        style.setAttribute('nonce',
nonce);\n    }\n\n    if (style.styleSheet) {\n        style.styleSheet.cssText = css;\n    } else {\n        style.appendChild(doc.createTextNode(css));\n    }\n\n    head.appendChild(style);\n\n    var
addResizeListener = function addResizeListener(element, fn) {\n        if (attachEvent) {\n            element.attachEvent('onresize', fn);\n        } else {\n            if (!element.__resizeTriggers__) {\n                var doc =
element.ownerDocument;\n                var elementStyle = windowObject.getComputedStyle(element);\n                if
(elementStyle && elementStyle.position === 'static') {\n                    element.style.position = 'relative';\n                }\n                createStyles(doc);\n                element.__resizeLast__ = {};\n                element.__resizeListeners__ = [];\n                (element.__resizeTriggers__ = doc.createElement('div')).className = 'resize-triggers';\n                var expandTrigger =
doc.createElement('div');\n                expandTrigger.className = 'expand-trigger';\n                expandTrigger.appendChild(doc.createElement('div'));\n                var contractTrigger = doc.createElement('div');\n                contractTrigger.className = 'contract-trigger';\n                element.__resizeTriggers__.appendChild(expandTrigger);\n                element.__resizeTriggers__.appendChild(contractTrigger);\n            }\n            element.appendChild(element.__resizeTriggers__); \n            resetTriggers(element);\n            element.addEventListener('scroll', scrollListener, true);\n\n            /* Listen for a css animation to detect element
display/re-attach */\n            if (animationStartEvent) {\n                element.__resizeTriggers__.__animationListener__ =
function animationListener(e) {\n                    if (e.animationName === animationName) {\n                        resetTriggers(element);\n                    }\n                };\n                element.__resizeTriggers__.addEventListener(animationStartEvent,
element.__resizeTriggers__.__animationListener__); \n            }\n            element.__resizeListeners__.push(fn);\n        }\n    };\n\n    var removeResizeListener = function removeResizeListener(element, fn) {\n        if (attachEvent) {\n            element.detachEvent('onresize', fn);\n        } else {\n            element.__resizeListeners__.splice(element.__resizeListeners__.indexOf(fn), 1);\n            if
(!element.__resizeListeners__.length) {\n                element.removeEventListener('scroll', scrollListener, true);\n                if
(element.__resizeTriggers__.__animationListener__) {\n                    element.__resizeTriggers__.removeEventListener(animationStartEvent,
element.__resizeTriggers__.__animationListener__);\n                    element.__resizeTriggers__.__animationListener__ =
null;\n                }\n                try {\n                    element.__resizeTriggers__ =
!element.removeChild(element.__resizeTriggers__); \n                } catch (e) {\n                    // Preact compat; see
developit/preact-compat/issues/228\n                }\n            }\n        }\n    };\n\n    return {\n        addResizeListener,\n        removeResizeListener: removeResizeListener\n    };\n\n    var AutoSizer = function
(_React$PureComponent) {\n        inherits(AutoSizer, _React$PureComponent);\n\n        function AutoSizer() {\n            var
_ref;\n\n            var _temp, _this, _ret;\n\n            classCallCheck(this, AutoSizer);\n\n            for (var _len = arguments.length, args
= Array(_len), _key = 0; _key < _len; _key++) {\n                args[_key] = arguments[_key];\n            }\n\n            return _ret =
(_temp = (_this = possibleConstructorReturn(this, (_ref = AutoSizer.__proto__ ||
Object.getPrototypeOf(AutoSizer)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n                height:
_this.props.defaultHeight || 0,\n                width: _this.props.defaultWidth || 0\n            }, _this._onResize = function () {\n                var _this$props = _this.props,\n                    disableHeight = _this$props.disableHeight,\n                    disableWidth =
_this$props.disableWidth,\n                    onResize = _this$props.onResize;\n\n\n                if (_this._parentNode) {\n                    //
Guard against AutoSizer component being removed from the DOM immediately after being added.\n                    // This can
result in invalid style values which can result in NaN values if we don't handle them.\n                    // See issue #150 for
more context.\n\n                    var _height = _this._parentNode.offsetHeight || 0;\n                    var _width =

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_this._parentNode.offsetWidth || 0;\n\n    var _style = window.getComputedStyle(_this._parentNode) || {};\n
var paddingLeft = parseInt(_style.paddingLeft, 10) || 0;\n    var paddingRight = parseInt(_style.paddingRight, 10)\n
|| 0;\n    var paddingTop = parseInt(_style.paddingTop, 10) || 0;\n    var paddingBottom =\n
parseInt(_style.paddingBottom, 10) || 0;\n\n    var newHeight = _height - paddingTop - paddingBottom;\n    var\n
newWidth = _width - paddingLeft - paddingRight;\n\n    if (!disableHeight && _this.state.height !== newHeight ||\n
!disableWidth && _this.state.width !== newWidth) {\n        _this.setState({\n            height: _height - paddingTop\n
- paddingBottom,\n            width: _width - paddingLeft - paddingRight\n        });\n\n        onResize({ height:\n
_height, width: _width });\n    }\n    }, _this._setRef = function (autoSizer) {\n        _this._autoSizer =\n
autoSizer;\n    }, _temp), possibleConstructorReturn(_this, _ret);\n    }\n\n    createClass(AutoSizer, [{\n        key:\n
'componentDidMount',\n        value: function componentDidMount() {\n            var nonce = this.props.nonce;\n\n            if\n
(this._autoSizer && this._autoSizer.parentNode && this._autoSizer.parentNode.ownerDocument &&\n
this._autoSizer.parentNode.ownerDocument.defaultView && this._autoSizer.parentNode instanceof\n
this._autoSizer.parentNode.ownerDocument.defaultView.HTMLDivElement) {\n                // Delay access of parentNode\n
until mount.\n                // This handles edge-cases where the component has already been unmounted before its ref has\n
been set,\n                // As well as libraries like react-lite which have a slightly different lifecycle.\n                this._parentNode\n
= this._autoSizer.parentNode;\n\n                // Defer requiring resize handler in order to support server-side rendering.\n
                // See issue #41\n                this._detectElementResize = createDetectElementResize(nonce);\n\n                this._detectElementResize.addResizeListener(this._parentNode, this._onResize);\n\n                this._onResize();\n            }\n        }\n    }, {\n        key: 'componentWillUnmount',\n        value: function componentWillUnmount() {\n            if\n
(this._detectElementResize && this._parentNode) {\n                this._detectElementResize.removeResizeListener(this._parentNode, this._onResize);\n            }\n        }\n    }, {\n        key:\n
'render',\n        value: function render() {\n            var _props = this.props,\n                children = _props.children,\n
className = _props.className,\n                disableHeight = _props.disableHeight,\n                disableWidth =\n
_props.disableWidth,\n                style = _props.style;\n            var _state = this.state,\n                height = _state.height,\n
width = _state.width;\n\n            // Outer div should not force width/height since that may prevent containers from\n
shrinking.\n            // Inner component should overflow and use calculated width/height.\n            // See issue #68 for more\n
information.\n\n            var outerStyle = { overflow: 'visible' }; \n            var childParams = { }; \n            // Avoid rendering\n
children before the initial measurements have been collected.\n            // At best this would just be wasting cycles.\n\n            var bailoutOnChildren = false;\n\n            if (!disableHeight) {\n                if (height === 0) {\n                    bailoutOnChildren =\n
true;\n                }\n                outerStyle.height = 0;\n                childParams.height = height;\n            }\n            if (!disableWidth) {\n                if (width === 0) {\n                    bailoutOnChildren = true;\n                }\n                outerStyle.width = 0;\n                childParams.width =\n
width;\n            }\n\n            return createElement(\n                'div',\n                {\n                    className: className,\n                    ref:\n
this._setRef,\n                    style: _extends({}, outerStyle, style)\n                },\n                !bailoutOnChildren &&\n
children(childParams)\n            );\n        }\n    }]);\n    return AutoSizer;\n})(PureComponent);\n\n\nAutoSizer.defaultProps =\n
{\n    onResize: function onResize() {\n    },\n    disableHeight: false,\n    disableWidth: false,\n    style: {\n    }\n};\n\nexport\n
default AutoSizer;\n", "export default function _extends() {\n    _extends = Object.assign || function (target) {\n        for\n
(var i = 1; i < arguments.length; i++) {\n            var source = arguments[i];\n\n            for (var key in source) {\n                if\n
(Object.prototype.hasOwnProperty.call(source, key)) {\n                    target[key] = source[key];\n                }\n            }\n        }\n        return target;\n    };\n    return _extends.apply(this, arguments);\n}";\n\nexport default function\n
_inheritsLoose(subClass, superClass) {\n    subClass.prototype = Object.create(superClass.prototype);\n\n    subClass.prototype.constructor = subClass;\n    subClass.__proto__ = superClass;\n}";\n\nexport default function\n
_assertThisInitialized(self) {\n    if (self === void 0) {\n        throw new ReferenceError("this hasn't been initialised -\n
super() hasn't been called");\n    }\n    return self;\n}";\n\n\nvar simpleIsEqual = function simpleIsEqual(a, b) {\n    return a === b;\n};\n\nexport default function (resultFn) {\n    var isEqual = arguments.length > 1 && arguments[1]\n
!== undefined ? arguments[1] : simpleIsEqual;\n\n    var lastThis = void 0;\n    var lastArgs = [];\n    var lastResult =\n
void 0;\n    var calledOnce = false;\n    var isNewArgEqualToLast = function isNewArgEqualToLast(newArg, index)\n
{\n        return isEqual(newArg, lastArgs[index]);\n    };\n\n    var result = function result() {\n        for (var _len =\n
arguments.length, newArgs = Array(_len), _key = 0; _key < _len; _key++) {\n            newArgs[_key] =

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arguments[_key];\n  }\n\n  if (calledOnce && lastThis === this && newArgs.length === lastArgs.length &&
newArgs.every(isNewArgEqualToLast)) {\n    return lastResult;\n  }\n\n  calledOnce = true;\n  lastThis =
this;\n  lastArgs = newArgs;\n  lastResult = resultFn.apply(this, newArgs);\n  return lastResult;\n };\n\n return
result;\n}","export default function _objectWithoutPropertiesLoose(source, excluded) {\n  if (source == null) return
{};\n  var target = {};\n  var sourceKeys = Object.keys(source);\n  var key, i;\n\n  for (i = 0; i < sourceKeys.length;
i++) {\n    key = sourceKeys[i];\n    if (excluded.indexOf(key) >= 0) continue;\n    target[key] = source[key];\n  }\n\n  return target;\n}","import _extends from '@babel/runtime/helpers/esm/extends';\nimport _inheritsLoose from
'@babel/runtime/helpers/esm/inheritsLoose';\nimport _assertThisInitialized from
'@babel/runtime/helpers/esm/assertThisInitialized';\nimport memoizeOne from 'memoize-one';\nimport {
createElement, PureComponent } from 'react';\nimport { flushSync } from 'react-dom';\nimport
_objectWithoutPropertiesLoose from '@babel/runtime/helpers/esm/objectWithoutPropertiesLoose';\n\n// Animation
frame based implementation of setTimeout.\n// Inspired by Joe Lambert,
https://gist.github.com/joelambert/1002116#file-requesttimeout-js\nvar hasNativePerformanceNow = typeof
performance === 'object' && typeof performance.now === 'function';\nvar now = hasNativePerformanceNow ?
function () {\n  return performance.now();\n} : function () {\n  return Date.now();\n};\n\nfunction
cancelTimeout(timeoutID) {\n  cancelAnimationFrame(timeoutID.id);\n}\n\nfunction requestTimeout(callback, delay)
{\n  var start = now();\n\n  function tick() {\n    if (now() - start >= delay) {\n      callback.call(null);\n    } else {\n
timeoutID.id = requestAnimationFrame(tick);\n    }\n  }\n\n  var timeoutID = {\n    id:
requestAnimationFrame(tick)\n  };\n  return timeoutID;\n}\n\nvar size = -1; // This utility copied from \"dom-
helpers\" package.\n\nfunction getScrollbarSize(recalculate) {\n  if (recalculate === void 0) {\n    recalculate =
false;\n  }\n\n  if (size === -1 || recalculate) {\n    var div = document.createElement('div');\n    var style =
div.style;\n    style.width = '50px';\n    style.height = '50px';\n    style.overflow = 'scroll';\n    document.body.appendChild(div);\n    size = div.offsetWidth - div.clientWidth;\n    document.body.removeChild(div);\n  }\n\n  return size;\n}\n\nvar cachedRTLResult = null; // TRICKY According to
the spec, scrollLeft should be negative for RTL aligned elements.\n// Chrome does not seem to adhere; its scrollLeft
values are positive (measured relative to the left).\n// Safari's elastic bounce makes detecting this even more
complicated wrt potential false positives.\n// The safest way to check this is to intentionally set a negative offset,\n// and then verify that the subsequent \"scroll\" event matches the negative offset.\n// If it does not match, then we can
assume a non-standard RTL scroll implementation.\n\nfunction getRTLOffsetType(recalculate) {\n  if (recalculate
=== void 0) {\n    recalculate = false;\n  }\n\n  if (cachedRTLResult === null || recalculate) {\n    var outerDiv =
document.createElement('div');\n    var outerStyle = outerDiv.style;\n    outerStyle.width = '50px';\n    outerStyle.height = '50px';\n    outerStyle.overflow = 'scroll';\n    outerStyle.direction = 'rtl';\n    var innerDiv =
document.createElement('div');\n    var innerStyle = innerDiv.style;\n    innerStyle.width = '100px';\n    innerStyle.height = '100px';\n    outerDiv.appendChild(innerDiv);\n    document.body.appendChild(outerDiv);\n\n    if (outerDiv.scrollLeft > 0) {\n      cachedRTLResult = 'positive-descending';\n    } else {\n      outerDiv.scrollLeft =
1;\n\n      if (outerDiv.scrollLeft === 0) {\n        cachedRTLResult = 'negative';\n      } else {\n
cachedRTLResult = 'positive-ascending';\n      }\n    }\n\n    document.body.removeChild(outerDiv);\n    return
cachedRTLResult;\n  }\n\n  return cachedRTLResult;\n}\n\nvar IS_SCROLLING_DEBOUNCE_INTERVAL =
150;\n\nvar defaultItemKey = function defaultItemKey(_ref) {\n  var columnIndex = _ref.columnIndex,\n    data =
_ref.data,\n    rowIndex = _ref.rowIndex;\n  return rowIndex + ':' + columnIndex;\n}; // In DEV mode, this Set
helps us only log a warning once per component instance.\n// This avoids spamming the console every time a render
happens.\n\nvar devWarningsOverscanCount = null;\nvar devWarningsOverscanRowsColumnsCount = null;\nvar
devWarningsTagName = null;\n\nif (process.env.NODE_ENV !== 'production') {\n  if (typeof window !==
'undefined' && typeof window.WeakSet !== 'undefined') {\n    devWarningsOverscanCount =\n
/*#__PURE__*/\n    new WeakSet();\n    devWarningsOverscanRowsColumnsCount =\n
/*#__PURE__*/\n    new WeakSet();\n    devWarningsTagName =\n
/*#__PURE__*/\n    new WeakSet();\n  }\n}\n\nfunction
createGridComponent(_ref2) {\n  var _class, _temp;\n\n  var getColumnOffset = _ref2.getColumnOffset,\n
getColumnStartIndexForOffset = _ref2.getColumnStartIndexForOffset,\n    getColumnStopIndexForStartIndex =

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_ref2.getColumnStopIndexForStartIndex,\n  getColumnWidth = _ref2.getColumnWidth,\n
getEstimatedTotalHeight = _ref2.getEstimatedTotalHeight,\n  getEstimatedTotalWidth =
_ref2.getEstimatedTotalWidth,\n  getOffsetForColumnAndAlignment =
_ref2.getOffsetForColumnAndAlignment,\n  getOffsetForRowAndAlignment =
_ref2.getOffsetForRowAndAlignment,\n  getRowHeight = _ref2.getRowHeight,\n  getRowOffset =
_ref2.getRowOffset,\n  getRowStartIndexForOffset = _ref2.getRowStartIndexForOffset,\n
getRowStopIndexForStartIndex = _ref2.getRowStopIndexForStartIndex,\n  initStateProps =
_ref2.initStateProps,\n  shouldResetStyleCacheOnItemSizeChange =
_ref2.shouldResetStyleCacheOnItemSizeChange,\n  validateProps = _ref2.validateProps;\n return _temp = _class
=\n /*#__PURE__*/\n function (_PureComponent) {\n  _inheritsLoose(Grid, _PureComponent);\n\n  // Always
use explicit constructor for React components.\n  // It produces less code after transpilation. (#26)\n  // eslint-
disable-next-line no-useless-constructor\n  function Grid(props) {\n    var _this;\n\n    _this =
_PureComponent.call(this, props) || this;\n    _this._instanceProps = initStateProps(_this.props,
_assertThisInitialized(_assertThisInitialized(_this))); \n    _this._resetIsScrollingTimeoutId = null;\n
_this._outerRef = void 0;\n    _this.state = {\n      instance: _assertThisInitialized(_assertThisInitialized(_this)),\n
      isScrolling: false,\n      horizontalScrollDirection: 'forward',\n      scrollLeft: typeof _this.props.initialScrollLeft
=== 'number' ? _this.props.initialScrollLeft : 0,\n      scrollTop: typeof _this.props.initialScrollTop === 'number' ?
_this.props.initialScrollTop : 0,\n      scrollUpdateWasRequested: false,\n      verticalScrollDirection: 'forward'\n
};\n    _this._callOnItemsRendered = void 0;\n    _this._callOnItemsRendered = memoizeOne(function
(overscanColumnStartIndex, overscanColumnStopIndex, overscanRowStartIndex, overscanRowStopIndex,
visibleColumnStartIndex, visibleColumnStopIndex, visibleRowStartIndex, visibleRowStopIndex) {\n      return
_this.props.onItemsRendered({\n        overscanColumnStartIndex: overscanColumnStartIndex,\n
overscanColumnStopIndex: overscanColumnStopIndex,\n        overscanRowStartIndex: overscanRowStartIndex,\n
overscanRowStopIndex: overscanRowStopIndex,\n        visibleColumnStartIndex:
visibleColumnStartIndex,\n        visibleColumnStopIndex: visibleColumnStopIndex,\n        visibleRowStartIndex:
visibleRowStartIndex,\n        visibleRowStopIndex: visibleRowStopIndex\n      });\n    });\n    _this._callOnScroll = void 0;\n    _this._callOnScroll = memoizeOne(function (scrollLeft, scrollTop,
horizontalScrollDirection, verticalScrollDirection, scrollUpdateWasRequested) {\n      return
_this.props.onScroll({\n        horizontalScrollDirection: horizontalScrollDirection,\n        scrollLeft: scrollLeft,\n
scrollTop: scrollTop,\n        verticalScrollDirection: verticalScrollDirection,\n        scrollUpdateWasRequested:
scrollUpdateWasRequested\n      });\n    });\n    _this._getItemStyle = void 0;\n    _this._getItemStyle =
function (rowIndex, columnIndex) {\n      var _this$props = _this.props,\n        columnWidth =
_this$props.columnWidth,\n        direction = _this$props.direction,\n        rowHeight =
_this$props.rowHeight;\n      var itemStyleCache =
_this._getItemStyleCache(shouldResetStyleCacheOnItemSizeChange && columnWidth,
shouldResetStyleCacheOnItemSizeChange && direction, shouldResetStyleCacheOnItemSizeChange &&
rowHeight);\n      var key = rowIndex + ':' + columnIndex;\n      var style;\n      if
(itemStyleCache.hasOwnProperty(key)) {\n        style = itemStyleCache[key];\n      } else {\n        var _style;\n        itemStyleCache[key] = style = (_style = {\n          position: 'absolute'\n        }, _style[direction === 'rtl' ?
'right' : 'left'] = getColumnOffset(_this.props, columnIndex, _this._instanceProps), _style.top =
getRowOffset(_this.props, rowIndex, _this._instanceProps), _style.height = getRowHeight(_this.props, rowIndex,
_this._instanceProps), _style.width = getColumnWidth(_this.props, columnIndex, _this._instanceProps), _style);\n
      }\n      return style;\n    });\n    _this._getItemStyleCache = void 0;\n    _this._getItemStyleCache =
memoizeOne(function (_, __, ___) {\n      return {};\n    });\n    _this._onScroll = function (event) {\n      var
_event$currentTarget = event.currentTarget,\n        clientHeight = _event$currentTarget.clientHeight,\n
clientWidth = _event$currentTarget.clientWidth,\n        scrollLeft = _event$currentTarget.scrollLeft,\n
scrollTop = _event$currentTarget.scrollTop,\n        scrollHeight = _event$currentTarget.scrollHeight,\n
scrollWidth = _event$currentTarget.scrollWidth;\n      // Force flush sync for scroll updates to reduce visual

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checkerboarding.\n    flushSync() => {\n        _this.setState(function (prevState) {\n            if
(prevState.scrollLeft === scrollLeft && prevState.scrollTop === scrollTop) {\n                // Scroll position may have
been updated by cDM/cDU,\n                // In which case we don't need to trigger another render,\n                // And we
don't want to update state.isScrolling.\n                return null;\n            }\n            var direction =
_this.props.direction; // TRICKY According to the spec, scrollLeft should be negative for RTL aligned elements.\n
            // This is not the case for all browsers though (e.g. Chrome reports values as positive, measured relative to the
left).\n            // It's also easier for this component if we convert offsets to the same format as they would be in for
ltr.\n            // So the simplest solution is to determine which browser behavior we're dealing with, and convert based
on it.\n            var calculatedScrollLeft = scrollLeft;\n            if (direction === 'rtl') {\n                switch
(getRTLOffsetType()) {\n                    case 'negative':\n                        calculatedScrollLeft = -scrollLeft;\n
break;\n                    case 'positive-descending':\n                        calculatedScrollLeft = scrollWidth - clientWidth -
scrollLeft;\n                        break;\n                }\n                // Prevent Safari's elastic scrolling from causing visual shaking
when scrolling past bounds.\n                calculatedScrollLeft = Math.max(0, Math.min(calculatedScrollLeft,
scrollWidth - clientWidth));\n                var calculatedScrollTop = Math.max(0, Math.min(scrollTop, scrollHeight -
clientHeight));\n                return {\n                    isScrolling: true,\n                    horizontalScrollDirection: prevState.scrollLeft
< scrollLeft ? 'forward' : 'backward',\n                    scrollLeft: calculatedScrollLeft,\n                    scrollTop:
calculatedScrollTop,\n                    verticalScrollDirection: prevState.scrollTop < scrollTop ? 'forward' : 'backward',\n
                    scrollUpdateWasRequested: false\n                }, _this._resetIsScrollingDebounce);\n            });\n
        });\n        _this._outerRefSetter = function (ref) {\n            var outerRef = _this.props.outerRef;\n            _this._outerRef =
ref;\n            if (typeof outerRef === 'function') {\n                outerRef(ref);\n            } else if (outerRef != null && typeof
outerRef === 'object' && outerRef.hasOwnProperty('current')) {\n                outerRef.current = ref;\n            }\n        });\n
        _this._resetIsScrollingDebounce = function () {\n            if (_this._resetIsScrollingTimeoutId !== null) {\n
cancelTimeout(_this._resetIsScrollingTimeoutId);\n            }\n            _this._resetIsScrollingTimeoutId =
requestTimeout(_this._resetIsScrolling, IS_SCROLLING_DEBOUNCE_INTERVAL);\n        };\n
        _this._resetIsScrolling = function () {\n            _this._resetIsScrollingTimeoutId = null;\n            _this.setState({\n
isScrolling: false\n            }, function () {\n                // Clear style cache after state update has been committed.\n                //
This way we don't break pure sCU for items that don't use isScrolling param.\n                _this._getItemStyleCache(-
1);\n            });\n        };\n        return _this;\n    }\n    Grid.getDerivedStateFromProps = function
getDerivedStateFromProps(nextProps, prevState) {\n        validateSharedProps(nextProps, prevState);\n
        validateProps(nextProps);\n        return null;\n    };\n    var _proto = Grid.prototype;\n    _proto.scrollTo = function
scrollTo(_ref3) {\n        var scrollLeft = _ref3.scrollLeft,\n            scrollTop = _ref3.scrollTop;\n        if (scrollLeft !==
undefined) {\n            scrollLeft = Math.max(0, scrollLeft);\n        }\n        if (scrollTop !== undefined) {\n
            scrollTop = Math.max(0, scrollTop);\n        }\n        this.setState(function (prevState) {\n            if (scrollLeft ===
undefined) {\n                scrollLeft = prevState.scrollLeft;\n            }\n            if (scrollTop === undefined) {\n
                scrollTop = prevState.scrollTop;\n            }\n            if (prevState.scrollLeft === scrollLeft && prevState.scrollTop
=== scrollTop) {\n                return null;\n            }\n            return {\n                horizontalScrollDirection: prevState.scrollLeft
< scrollLeft ? 'forward' : 'backward',\n                scrollLeft: scrollLeft,\n                scrollTop: scrollTop,\n
                scrollUpdateWasRequested: true,\n                verticalScrollDirection: prevState.scrollTop < scrollTop ? 'forward' :
'backward'\n            }, this._resetIsScrollingDebounce);\n        };\n        _proto.scrollToItem = function
scrollToItem(_ref4) {\n            var _ref4$align = _ref4.align,\n                align = _ref4$align === void 0 ? 'auto' :
_ref4$align,\n                columnIndex = _ref4.columnIndex,\n                rowIndex = _ref4.rowIndex;\n            var _this$props2 =
this.props,\n                columnCount = _this$props2.columnCount,\n                height = _this$props2.height,\n
                rowCount = _this$props2.rowCount,\n                width = _this$props2.width;\n            var _this$state = this.state,\n
                scrollLeft = _this$state.scrollLeft,\n                scrollTop = _this$state.scrollTop;\n            var scrollbarSize =
getScrollbarSize();\n            if (columnIndex !== undefined) {\n                columnIndex = Math.max(0,
Math.min(columnIndex, columnCount - 1));\n            }\n            if (rowIndex !== undefined) {\n                rowIndex =
Math.max(0, Math.min(rowIndex, rowCount - 1));\n            }\n            var estimatedTotalHeight =
getEstimatedTotalHeight(this.props, this._instanceProps);\n            var estimatedTotalWidth =

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getEstimatedTotalWidth(this.props, this._instanceProps); // The scrollbar size should be considered when scrolling
an item into view,\n // to ensure it's fully visible.\n // But we only need to account for its size when it's actually
visible.\n\n var horizontalScrollbarSize = estimatedTotalWidth > width ? scrollbarSize : 0;\n var
verticalScrollbarSize = estimatedTotalHeight > height ? scrollbarSize : 0;\n this.scrollTo({\n scrollLeft:
columnIndex !== undefined ? getOffsetForColumnAndAlignment(this.props, columnIndex, align, scrollLeft,
this._instanceProps, verticalScrollbarSize) : scrollLeft,\n scrollTop: rowIndex !== undefined ?
getOffsetForRowAndAlignment(this.props, rowIndex, align, scrollTop, this._instanceProps,
horizontalScrollbarSize) : scrollTop\n });\n };\n\n _proto.componentDidMount = function
componentDidMount() {\n var _this$props3 = this.props,\n initialScrollLeft =
_this$props3.initialScrollLeft,\n initialScrollTop = _this$props3.initialScrollTop;\n\n if (this._outerRef !==
null) {\n var outerRef = this._outerRef;\n\n if (typeof initialScrollLeft === 'number') {\n
outerRef.scrollLeft = initialScrollLeft;\n }\n\n if (typeof initialScrollTop === 'number') {\n
outerRef.scrollTop = initialScrollTop;\n }\n }\n\n this._callPropsCallbacks();\n };\n\n
_proto.componentDidUpdate = function componentDidUpdate() {\n var direction = this.props.direction;\n var
_this$state2 = this.state,\n scrollLeft = _this$state2.scrollLeft,\n scrollTop = _this$state2.scrollTop,\n
scrollUpdateWasRequested = _this$state2.scrollUpdateWasRequested;\n\n if (scrollUpdateWasRequested &&
this._outerRef !== null) {\n // TRICKY According to the spec, scrollLeft should be negative for RTL aligned
elements.\n // This is not the case for all browsers though (e.g. Chrome reports values as positive, measured
relative to the left).\n // So we need to determine which browser behavior we're dealing with, and mimic it.\n
var outerRef = this._outerRef;\n\n if (direction === 'rtl') {\n switch (getRTLOffsetType()) {\n case
'negative':\n outerRef.scrollLeft = -scrollLeft;\n break;\n case 'positive-ascending':\n
outerRef.scrollLeft = scrollLeft;\n break;\n default:\n var clientWidth =
outerRef.clientWidth,\n scrollWidth = outerRef.scrollWidth;\n\n outerRef.scrollLeft = scrollWidth
- clientWidth - scrollLeft;\n break;\n }\n } else {\n outerRef.scrollLeft = Math.max(0,
scrollLeft);\n }\n\n outerRef.scrollTop = Math.max(0, scrollTop);\n }\n\n
this._callPropsCallbacks();\n };\n\n _proto.componentWillUnmount = function componentWillUnmount() {\n
if (this._resetIsScrollingTimeoutId !== null) {\n clearTimeout(this._resetIsScrollingTimeoutId);\n }\n
};\n\n _proto.render = function render() {\n var _this$props4 = this.props,\n children =
_this$props4.children,\n className = _this$props4.className,\n columnCount =
_this$props4.columnCount,\n direction = _this$props4.direction,\n height = _this$props4.height,\n
innerRef = _this$props4.innerRef,\n innerElementType = _this$props4.innerElementType,\n
innerTagName = _this$props4.innerTagName,\n itemData = _this$props4.itemData,\n
_this$props4$itemKey = _this$props4.itemKey,\n itemKey = _this$props4$itemKey === void 0 ?
defaultItemKey : _this$props4$itemKey,\n outerElementType = _this$props4.outerElementType,\n
outerTagName = _this$props4.outerTagName,\n rowCount = _this$props4.rowCount,\n style =
_this$props4.style,\n useIsScrolling = _this$props4.useIsScrolling,\n width = _this$props4.width;\n
var isScrolling = this.state.isScrolling;\n\n var _this$_getHorizontalR = this._getHorizontalRangeToRender(),\n
columnStartIndex = _this$_getHorizontalR[0],\n columnStopIndex = _this$_getHorizontalR[1];\n\n var
_this$_getVerticalRan = this._getVerticalRangeToRender(),\n rowStartIndex = _this$_getVerticalRan[0],\n
rowStopIndex = _this$_getVerticalRan[1];\n\n var items = [];\n\n if (columnCount > 0 && rowCount) {\n
for (var _rowIndex = rowStartIndex; _rowIndex <= rowStopIndex; _rowIndex++) {\n for (var _columnIndex
= columnStartIndex; _columnIndex <= columnStopIndex; _columnIndex++) {\n
items.push(createElement(children, {\n columnIndex: _columnIndex,\n data: itemData,\n
isScrolling: useIsScrolling ? isScrolling : undefined,\n key: itemKey({\n columnIndex:
_columnIndex,\n data: itemData,\n rowIndex: _rowIndex\n })),\n\n rowIndex:
_rowIndex,\n style: this._getItemStyle(_rowIndex, _columnIndex)\n }));\n }\n }\n } //
Read this value AFTER items have been created,\n // So their actual sizes (if variable) are taken into
consideration.\n\n\n var estimatedTotalHeight = getEstimatedTotalHeight(this.props, this._instanceProps);\n

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var estimatedTotalWidth = getEstimatedTotalWidth(this.props, this._instanceProps);\n  return
createElement(outerElementType || outerTagName || 'div', {\n    className: className,\n    onScroll:
this._onScroll,\n    ref: this._outerRefSetter,\n    style: _extends({\n      position: 'relative',\n      height:
height,\n      width: width,\n      overflow: 'auto',\n      WebkitOverflowScrolling: 'touch',\n      willChange:
'transform',\n      direction: direction\n    }, style)\n  }, createElement(innerElementType || innerTagName ||
'div', {\n    children: items,\n    ref: innerRef,\n    style: {\n      height: estimatedTotalHeight,\n
pointerEvents: isScrolling ? 'none' : undefined,\n      width: estimatedTotalWidth\n    }\n  }));\n  }\n\n
_proto._callPropsCallbacks = function _callPropsCallbacks() {\n    var _this$props5 = this.props,\n
columnCount = _this$props5.columnCount,\n    onItemsRendered = _this$props5.onItemsRendered,\n
onScroll = _this$props5.onScroll,\n    rowCount = _this$props5.rowCount;\n\n    if (typeof onItemsRendered
=== 'function') {\n      if (columnCount > 0 && rowCount > 0) {\n        var _this$_getHorizontalR2 =
this._getHorizontalRangeToRender(),\n            _overscanColumnStartIndex = _this$_getHorizontalR2[0],\n
_overscanColumnStopIndex = _this$_getHorizontalR2[1],\n            _visibleColumnStartIndex =
_this$_getHorizontalR2[2],\n            _visibleColumnStopIndex = _this$_getHorizontalR2[3];\n\n        var
_this$_getVerticalRan2 = this._getVerticalRangeToRender(),\n            _overscanRowStartIndex =
_this$_getVerticalRan2[0],\n            _overscanRowStopIndex = _this$_getVerticalRan2[1],\n
_visibleRowStartIndex = _this$_getVerticalRan2[2],\n            _visibleRowStopIndex =
_this$_getVerticalRan2[3];\n\n        this._callOnItemsRendered(_overscanColumnStartIndex,
_overscanColumnStopIndex, _overscanRowStartIndex, _overscanRowStopIndex, _visibleColumnStartIndex,
_visibleColumnStopIndex, _visibleRowStartIndex, _visibleRowStopIndex);\n      }\n    }\n\n    if (typeof
onScroll === 'function') {\n      var _this$state3 = this.state,\n          _horizontalScrollDirection =
_this$state3.horizontalScrollDirection,\n          _scrollLeft = _this$state3.scrollLeft,\n          _scrollTop =
_this$state3.scrollTop,\n          _scrollUpdateWasRequested = _this$state3.scrollUpdateWasRequested,\n
_verticalScrollDirection = _this$state3.verticalScrollDirection;\n\n      this._callOnScroll(_scrollLeft, _scrollTop,
_horizontalScrollDirection, _verticalScrollDirection, _scrollUpdateWasRequested);\n    }\n  }; // Lazily create and
cache item styles while scrolling, // So that pure component sCU will prevent re-renders. // We maintain this
cache, and pass a style prop rather than index, // So that List can clear cached styles and force item re-render if
necessary.\n\n  _proto._getHorizontalRangeToRender = function _getHorizontalRangeToRender() {\n    var
_this$props6 = this.props,\n        columnCount = _this$props6.columnCount,\n        overscanColumnCount =
_this$props6.overscanColumnCount,\n        overscanColumnsCount = _this$props6.overscanColumnsCount,\n
overscanCount = _this$props6.overscanCount,\n        rowCount = _this$props6.rowCount;\n\n    var _this$state4 =
this.state,\n        horizontalScrollDirection = _this$state4.horizontalScrollDirection,\n        isScrolling =
_this$state4.isScrolling,\n        scrollLeft = _this$state4.scrollLeft;\n\n    var overscanCountResolved =
overscanColumnCount || overscanColumnsCount || overscanCount || 1;\n\n    if (columnCount === 0 || rowCount
=== 0) {\n      return [0, 0, 0, 0];\n    }\n\n    var startIndex = getColumnStartIndexForOffset(this.props,
scrollLeft, this._instanceProps);\n    var stopIndex = getColumnStopIndexForStartIndex(this.props, startIndex,
scrollLeft, this._instanceProps); // Overscan by one item in each direction so that tab/focus works. // If there
isn't at least one extra item, tab loops back around.\n\n    var overscanBackward = !isScrolling ||
horizontalScrollDirection === 'backward' ? Math.max(1, overscanCountResolved) : 1;\n    var overscanForward =
!isScrolling || horizontalScrollDirection === 'forward' ? Math.max(1, overscanCountResolved) : 1;\n\n    return
[Math.max(0, startIndex - overscanBackward), Math.max(0, Math.min(columnCount - 1, stopIndex +
overscanForward)), startIndex, stopIndex];\n  };\n\n  _proto._getVerticalRangeToRender = function
_getVerticalRangeToRender() {\n    var _this$props7 = this.props,\n        columnCount =
_this$props7.columnCount,\n        overscanCount = _this$props7.overscanCount,\n        overscanRowCount =
_this$props7.overscanRowCount,\n        overscanRowsCount = _this$props7.overscanRowsCount,\n
rowCount = _this$props7.rowCount;\n\n    var _this$state5 = this.state,\n        isScrolling =
_this$state5.isScrolling,\n        verticalScrollDirection = _this$state5.verticalScrollDirection,\n        scrollTop =
_this$state5.scrollTop;\n\n    var overscanCountResolved = overscanRowCount || overscanRowsCount ||

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overscanCount || 1;\n\n  if (columnCount === 0 || rowCount === 0) {\n    return [0, 0, 0, 0];\n  }\n\n  var
startIndex = getRowStartIndexForOffset(this.props, scrollTop, this._instanceProps);\n  var stopIndex =
getRowStopIndexForStartIndex(this.props, startIndex, scrollTop, this._instanceProps); // Overscan by one item in
each direction so that tab/focus works.\n  // If there isn't at least one extra item, tab loops back around.\n\n  var
overscanBackward = !isScrolling || verticalScrollDirection === 'backward' ? Math.max(1, overscanCountResolved) :
1;\n  var overscanForward = !isScrolling || verticalScrollDirection === 'forward' ? Math.max(1,
overscanCountResolved) : 1;\n  return [Math.max(0, startIndex - overscanBackward), Math.max(0,
Math.min(rowCount - 1, stopIndex + overscanForward)), startIndex, stopIndex];\n};\n\n return Grid;\n}
(PureComponent), _class.defaultProps = {\n  direction: 'ltr',\n  itemData: undefined,\n  useIsScrolling: false\n
}, _temp;\n}\n\nvar validateSharedProps = function validateSharedProps(_ref5, _ref6) {\n  var children =
_ref5.children,\n  direction = _ref5.direction,\n  height = _ref5.height,\n  innerTagName =
_ref5.innerTagName,\n  outerTagName = _ref5.outerTagName,\n  overscanColumnsCount =
_ref5.overscanColumnsCount,\n  overscanCount = _ref5.overscanCount,\n  overscanRowsCount =
_ref5.overscanRowsCount,\n  width = _ref5.width;\n  var instance = _ref6.instance;\n\n  if
(process.env.NODE_ENV !== 'production') {\n    if (typeof overscanCount === 'number') {\n      if
(devWarningsOverscanCount && !devWarningsOverscanCount.has(instance)) {\n
devWarningsOverscanCount.add(instance);\n      console.warn('The overscanCount prop has been deprecated. ' +
'Please use the overscanColumnCount and overscanRowCount props instead.);\n    }\n  }\n\n  if (typeof
overscanColumnsCount === 'number' || typeof overscanRowsCount === 'number') {\n    if
(devWarningsOverscanRowsColumnsCount && !devWarningsOverscanRowsColumnsCount.has(instance)) {\n
devWarningsOverscanRowsColumnsCount.add(instance);\n      console.warn('The overscanColumnsCount and
overscanRowCount props have been deprecated. ' + 'Please use the overscanColumnCount and overscanRowCount
props instead.);\n    }\n  }\n\n  if (innerTagName != null || outerTagName != null) {\n    if
(devWarningsTagName && !devWarningsTagName.has(instance)) {\n      devWarningsTagName.add(instance);\n
      console.warn('The innerTagName and outerTagName props have been deprecated. ' + 'Please use the
innerElementType and outerElementType props instead.);\n    }\n  }\n\n  if (children == null) {\n    throw
Error('An invalid \"children\" prop has been specified. ' + 'Value should be a React component. ' + (\"\\\"\\\"\" +
(children === null ? 'null' : typeof children) + \"\\\"\\\"\" was specified.));\n  }\n\n  switch (direction) {\n    case
'ltr':\n      case 'rtl':\n        // Valid values\n        break;\n\n        default:\n          throw Error('An invalid \"direction\" prop
has been specified. ' + 'Value should be either \"ltr\" or \"rtl\". ' + (\"\\\"\\\"\" + direction + \"\\\"\\\"\" was specified.));\n      }\n\n    if (typeof width !== 'number') {\n      throw Error('An invalid \"width\" prop has been specified. ' + 'Grids
must specify a number for width. ' + (\"\\\"\\\"\" + (width === null ? 'null' : typeof width) + \"\\\"\\\"\" was specified.));\n    }\n\n    if (typeof height !== 'number') {\n      throw Error('An invalid \"height\" prop has been specified. ' + 'Grids
must specify a number for height. ' + (\"\\\"\\\"\" + (height === null ? 'null' : typeof height) + \"\\\"\\\"\" was specified.));\n    }\n  }\n}\n}\n\nvar DEFAULT_ESTIMATED_ITEM_SIZE = 50;\n\nvar getEstimatedTotalHeight = function
getEstimatedTotalHeight(_ref, _ref2) {\n  var rowCount = _ref.rowCount;\n  var rowMetadataMap =
_ref2.rowMetadataMap,\n  estimatedRowHeight = _ref2.estimatedRowHeight,\n  lastMeasuredRowIndex =
_ref2.lastMeasuredRowIndex;\n  var totalSizeOfMeasuredRows = 0; // Edge case check for when the number of
items decreases while a scroll is in progress.\n  // https://github.com/bvaughn/react-window/pull/138\n\n  if
(lastMeasuredRowIndex >= rowCount) {\n    lastMeasuredRowIndex = rowCount - 1;\n  }\n\n  if
(lastMeasuredRowIndex >= 0) {\n    var itemMetadata = rowMetadataMap[lastMeasuredRowIndex];\n    totalSizeOfMeasuredRows = itemMetadata.offset + itemMetadata.size;\n  }\n\n  var numUnmeasuredItems =
rowCount - lastMeasuredRowIndex - 1;\n  var totalSizeOfUnmeasuredItems = numUnmeasuredItems *
estimatedRowHeight;\n  return totalSizeOfMeasuredRows + totalSizeOfUnmeasuredItems;\n};\n\nvar
getEstimatedTotalWidth = function getEstimatedTotalWidth(_ref3, _ref4) {\n  var columnCount =
_ref3.columnCount;\n  var columnMetadataMap = _ref4.columnMetadataMap,\n  estimatedColumnWidth =
_ref4.estimatedColumnWidth,\n  lastMeasuredColumnIndex = _ref4.lastMeasuredColumnIndex;\n  var
totalSizeOfMeasuredRows = 0; // Edge case check for when the number of items decreases while a scroll is in

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progress.\n // https://github.com/bvaughn/react-window/pull/138\n\n if (lastMeasuredColumnIndex >=
columnCount) {\n  lastMeasuredColumnIndex = columnCount - 1;\n }\n\n if (lastMeasuredColumnIndex >= 0)
{\n  var itemMetadata = columnMetadataMap[lastMeasuredColumnIndex];\n  totalSizeOfMeasuredRows =
itemMetadata.offset + itemMetadata.size;\n }\n\n var numUnmeasuredItems = columnCount -
lastMeasuredColumnIndex - 1;\n var totalSizeOfUnmeasuredItems = numUnmeasuredItems *
estimatedColumnWidth;\n return totalSizeOfMeasuredRows + totalSizeOfUnmeasuredItems;\n};\n\nvar
getItemMetadata = function getItemMetadata(itemType, props, index, instanceProps) {\n var itemMetadataMap,
itemSize, lastMeasuredIndex;\n\n if (itemType === 'column') {\n  itemMetadataMap =
instanceProps.columnMetadataMap;\n  itemSize = props.columnWidth;\n  lastMeasuredIndex =
instanceProps.lastMeasuredColumnIndex;\n } else {\n  itemMetadataMap = instanceProps.rowMetadataMap;\n
itemSize = props.rowHeight;\n  lastMeasuredIndex = instanceProps.lastMeasuredRowIndex;\n }\n\n if (index >
lastMeasuredIndex) {\n  var offset = 0;\n\n  if (lastMeasuredIndex >= 0) {\n  var itemMetadata =
itemMetadataMap[lastMeasuredIndex];\n  offset = itemMetadata.offset + itemMetadata.size;\n }\n\n for (var i
= lastMeasuredIndex + 1; i <= index; i++) {\n  var size = itemSize(i);\n  itemMetadataMap[i] = {\n  offset:
offset,\n  size: size\n  };\n  offset += size;\n }\n\n if (itemType === 'column') {\n
instanceProps.lastMeasuredColumnIndex = index;\n } else {\n  instanceProps.lastMeasuredRowIndex =
index;\n }\n }\n\n return itemMetadataMap[index];\n};\n\nvar findNearestItem = function
findNearestItem(itemType, props, instanceProps, offset) {\n var itemMetadataMap, lastMeasuredIndex;\n\n if
(itemType === 'column') {\n  itemMetadataMap = instanceProps.columnMetadataMap;\n  lastMeasuredIndex =
instanceProps.lastMeasuredColumnIndex;\n } else {\n  itemMetadataMap = instanceProps.rowMetadataMap;\n
lastMeasuredIndex = instanceProps.lastMeasuredRowIndex;\n }\n\n var lastMeasuredItemOffset =
lastMeasuredIndex > 0 ? itemMetadataMap[lastMeasuredIndex].offset : 0;\n\n if (lastMeasuredItemOffset >=
offset) {\n  // If we've already measured items within this range just use a binary search as it's faster.\n  return
findNearestItemBinarySearch(itemType, props, instanceProps, lastMeasuredIndex, 0, offset);\n } else {\n  // If we
haven't yet measured this high, fallback to an exponential search with an inner binary search.\n  // The exponential
search avoids pre-computing sizes for the full set of items as a binary search would.\n  // The overall complexity
for this approach is O(log n).\n  return findNearestItemExponentialSearch(itemType, props, instanceProps,
Math.max(0, lastMeasuredIndex), offset);\n }\n};\n\nvar findNearestItemBinarySearch = function
findNearestItemBinarySearch(itemType, props, instanceProps, high, low, offset) {\n while (low <= high) {\n  var
middle = low + Math.floor((high - low) / 2);\n  var currentOffset = getItemMetadata(itemType, props, middle,
instanceProps).offset;\n\n  if (currentOffset === offset) {\n  return middle;\n } else if (currentOffset < offset)
{\n  low = middle + 1;\n } else if (currentOffset > offset) {\n  high = middle - 1;\n }\n }\n\n if (low > 0)
{\n  return low - 1;\n } else {\n  return 0;\n }\n};\n\nvar findNearestItemExponentialSearch = function
findNearestItemExponentialSearch(itemType, props, instanceProps, index, offset) {\n var itemCount = itemType
=== 'column' ? props.columnCount : props.rowCount;\n var interval = 1;\n\n while (index < itemCount &&
getItemMetadata(itemType, props, index, instanceProps).offset < offset) {\n  index += interval;\n  interval *= 2;\n
}\n\n return findNearestItemBinarySearch(itemType, props, instanceProps, Math.min(index, itemCount - 1),
Math.floor(index / 2), offset);\n};\n\nvar getOffsetForIndexAndAlignment = function
getOffsetForIndexAndAlignment(itemType, props, index, align, scrollOffset, instanceProps, scrollbarSize) {\n var
size = itemType === 'column' ? props.width : props.height;\n var itemMetadata = getItemMetadata(itemType,
props, index, instanceProps); // Get estimated total size after ItemMetadata is computed,\n // To ensure it reflects
actual measurements instead of just estimates.\n\n var estimatedTotalSize = itemType === 'column' ?
getEstimatedTotalWidth(props, instanceProps) : getEstimatedTotalHeight(props, instanceProps);\n var maxOffset =
Math.max(0, Math.min(estimatedTotalSize - size, itemMetadata.offset));\n var minOffset = Math.max(0,
itemMetadata.offset - size + scrollbarSize + itemMetadata.size);\n\n if (align === 'smart') {\n  if (scrollOffset >=
minOffset - size && scrollOffset <= maxOffset + size) {\n  align = 'auto';\n } else {\n  align = 'center';\n }\n
}\n\n switch (align) {\n  case 'start':\n  return maxOffset;\n\n  case 'end':\n  return minOffset;\n\n  case
'center':\n  return Math.round(minOffset + (maxOffset - minOffset) / 2);\n\n  case 'auto':\n  default:\n  if

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(scrollOffset >= minOffset && scrollOffset <= maxOffset) {\n    return scrollOffset;\n    } else if (minOffset >
maxOffset) {\n    // Because we only take into account the scrollbar size when calculating minOffset\n    // this
value can be larger than maxOffset when at the end of the list\n    return minOffset;\n    } else if (scrollOffset <
minOffset) {\n    return minOffset;\n    } else {\n    return maxOffset;\n    }\n\n};\n\nvar
VariableSizeGrid =\n/*#__PURE__*/\ncreateGridComponent({\n  getColumnOffset: function
getColumnOffset(props, index, instanceProps) {\n    return getItemMetadata('column', props, index,
instanceProps).offset;\n  },\n  getColumnStartIndexForOffset: function getColumnStartIndexForOffset(props,
scrollLeft, instanceProps) {\n    return findNearestItem('column', props, instanceProps, scrollLeft);\n  },\n  getColumnStopIndexForStartIndex: function getColumnStopIndexForStartIndex(props, startIndex, scrollLeft,
instanceProps) {\n    var columnCount = props.columnCount,\n        width = props.width;\n    var itemMetadata =
getItemMetadata('column', props, startIndex, instanceProps);\n    var maxOffset = scrollLeft + width;\n    var offset
= itemMetadata.offset + itemMetadata.size;\n    var stopIndex = startIndex;\n\n    while (stopIndex < columnCount -
1 && offset < maxOffset) {\n      stopIndex++;\n      offset += getItemMetadata('column', props, stopIndex,
instanceProps).size;\n    }\n\n    return stopIndex;\n  },\n  getColumnWidth: function getColumnWidth(props, index,
instanceProps) {\n    return instanceProps.columnMetadataMap[index].size;\n  },\n  getEstimatedTotalHeight:
getEstimatedTotalHeight,\n  getEstimatedTotalWidth: getEstimatedTotalWidth,\n  getOffsetForColumnAndAlignment: function getOffsetForColumnAndAlignment(props, index, align, scrollOffset,
instanceProps, scrollbarSize) {\n    return getOffsetForIndexAndAlignment('column', props, index, align,
scrollOffset, instanceProps, scrollbarSize);\n  },\n  getOffsetForRowAndAlignment: function
getOffsetForRowAndAlignment(props, index, align, scrollOffset, instanceProps, scrollbarSize) {\n    return
getOffsetForIndexAndAlignment('row', props, index, align, scrollOffset, instanceProps, scrollbarSize);\n  },\n  getRowOffset: function getRowOffset(props, index, instanceProps) {\n    return getItemMetadata('row', props,
index, instanceProps).offset;\n  },\n  getRowHeight: function getRowHeight(props, index, instanceProps) {\n
return instanceProps.rowMetadataMap[index].size;\n  },\n  getRowStartIndexForOffset: function
getRowStartIndexForOffset(props, scrollTop, instanceProps) {\n    return findNearestItem('row', props,
instanceProps, scrollTop);\n  },\n  getRowStopIndexForStartIndex: function getRowStopIndexForStartIndex(props,
startIndex, scrollTop, instanceProps) {\n    var rowCount = props.rowCount,\n        height = props.height;\n    var
itemMetadata = getItemMetadata('row', props, startIndex, instanceProps);\n    var maxOffset = scrollTop + height;\n    var
offset = itemMetadata.offset + itemMetadata.size;\n    var stopIndex = startIndex;\n\n    while (stopIndex <
rowCount - 1 && offset < maxOffset) {\n      stopIndex++;\n      offset += getItemMetadata('row', props, stopIndex,
instanceProps).size;\n    }\n\n    return stopIndex;\n  },\n  initInstanceProps: function initInstanceProps(props,
instance) {\n    var _ref5 = props,\n        estimatedColumnWidth = _ref5.estimatedColumnWidth,\n
estimatedRowHeight = _ref5.estimatedRowHeight;\n    var instanceProps = {\n      columnMetadataMap: {},\n
estimatedColumnWidth: estimatedColumnWidth || DEFAULT_ESTIMATED_ITEM_SIZE,\n
estimatedRowHeight: estimatedRowHeight || DEFAULT_ESTIMATED_ITEM_SIZE,\n
lastMeasuredColumnIndex: -1,\n      lastMeasuredRowIndex: -1,\n      rowMetadataMap: {};\n    };\n\n    instance.resetAfterColumnIndex = function (columnIndex, shouldForceUpdate) {\n      if (shouldForceUpdate ===
void 0) {\n        shouldForceUpdate = true;\n      }\n\n      instance.resetAfterIndices({\n        columnIndex:
columnIndex,\n        shouldForceUpdate: shouldForceUpdate\n      });\n    };\n\n    instance.resetAfterRowIndex =
function (rowIndex, shouldForceUpdate) {\n      if (shouldForceUpdate === void 0) {\n        shouldForceUpdate =
true;\n      }\n\n      instance.resetAfterIndices({\n        rowIndex: rowIndex,\n        shouldForceUpdate:
shouldForceUpdate\n      });\n    };\n\n    instance.resetAfterIndices = function (_ref6) {\n      var columnIndex =
_ref6.columnIndex,\n          rowIndex = _ref6.rowIndex,\n          _ref6$shouldForceUpda =
_ref6.shouldForceUpdate,\n          shouldForceUpdate = _ref6$shouldForceUpda === void 0 ? true :
_ref6$shouldForceUpda;\n\n      if (typeof columnIndex === 'number') {\n        instanceProps.lastMeasuredColumnIndex = Math.min(instanceProps.lastMeasuredColumnIndex, columnIndex -
1);\n      }\n\n      if (typeof rowIndex === 'number') {\n        instanceProps.lastMeasuredRowIndex =
Math.min(instanceProps.lastMeasuredRowIndex, rowIndex - 1);\n      }\n    } // We could potentially optimize further by

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only evicting styles after this index,\n // But since styles are only cached while scrolling is in progress-\n // It
seems an unnecessary optimization.\n // It's unlikely that resetAfterIndex() will be called while a user is
scrolling.\n\n\n instance._getItemStyleCache(-1);\n\n if (shouldForceUpdate) {\n
instance.forceUpdate();\n } \n };\n\n return instanceProps;\n },\n shouldResetStyleCacheOnItemSizeChange:
false,\n validateProps: function validateProps(_ref7) {\n var columnWidth = _ref7.columnWidth,\n
rowHeight = _ref7.rowHeight;\n\n if (process.env.NODE_ENV !== 'production') {\n if (typeof columnWidth
!== 'function') {\n throw Error('An invalid \"columnWidth\" prop has been specified. ' + 'Value should be a
function. ' + (\""\" + (columnWidth === null ? 'null' : typeof columnWidth) + "\"\" was specified.\");\n } else
if (typeof rowHeight !== 'function') {\n throw Error('An invalid \"rowHeight\" prop has been specified. ' +
'Value should be a function. ' + (\""\" + (rowHeight === null ? 'null' : typeof rowHeight) + "\"\" was
specified.\");\n }\n }\n }\n });\n\n\nvar IS_SCROLLING_DEBOUNCE_INTERVAL$1 = 150;\n\n\nvar
defaultItemKey$1 = function defaultItemKey(index, data) {\n return index;\n}; // In DEV mode, this Set helps us
only log a warning once per component instance.\n// This avoids spamming the console every time a render
happens.\n\n\nvar devWarningsDirection = null;\nvar devWarningsTagName$1 = null;\n\n\nif
(process.env.NODE_ENV !== 'production') {\n if (typeof window !== 'undefined' && typeof window.WeakSet !==
'undefined') {\n devWarningsDirection =\n /*#__PURE__*/\n new WeakSet();\n devWarningsTagName$1
=\n /*#__PURE__*/\n new WeakSet();\n }\n }\n\n\nfunction createListComponent(_ref) {\n var _class,
_temp;\n\n var getItemOffset = _ref.getItemOffset,\n getEstimatedTotalSize = _ref.getEstimatedTotalSize,\n
getItemSize = _ref.getItemSize,\n getOffsetForIndexAndAlignment = _ref.getOffsetForIndexAndAlignment,\n
getStartIndexForOffset = _ref.getStartIndexForOffset,\n getStopIndexForStartIndex =
_ref.getStopIndexForStartIndex,\n initStateProps = _ref.initStateProps,\n
shouldResetStyleCacheOnItemSizeChange = _ref.shouldResetStyleCacheOnItemSizeChange,\n validateProps =
_ref.validateProps;\n return _temp = _class =\n /*#__PURE__*/\n function (_PureComponent) {\n
_inheritsLoose(List, _PureComponent);\n\n // Always use explicit constructor for React components.\n // It
produces less code after transpilation. (#26)\n // eslint-disable-next-line no-useless-constructor\n function
List(props) {\n var _this;\n\n _this = _PureComponent.call(this, props) || this;\n _this._instanceProps =
initInstanceProps(_this.props, _assertThisInitialized(_assertThisInitialized(_this)));\n _this._outerRef = void 0;\n
_this._resetIsScrollingTimeoutId = null;\n _this.state = {\n instance:
_assertThisInitialized(_assertThisInitialized(_this)),\n isScrolling: false,\n scrollDirection: 'forward',\n
scrollOffset: typeof _this.props.initialScrollOffset === 'number' ? _this.props.initialScrollOffset : 0,\n
scrollUpdateWasRequested: false\n }; \n _this._callOnItemsRendered = void 0;\n
_this._callOnItemsRendered = memoizeOne(function (overscanStartIndex, overscanStopIndex, visibleStartIndex,
visibleStopIndex) {\n return _this.props.onItemsRendered({\n overscanStartIndex: overscanStartIndex,\n
overscanStopIndex: overscanStopIndex,\n visibleStartIndex: visibleStartIndex,\n visibleStopIndex:
visibleStopIndex\n });\n });\n _this._callOnScroll = void 0;\n _this._callOnScroll =
memoizeOne(function (scrollDirection, scrollOffset, scrollUpdateWasRequested) {\n return
_this.props.onScroll({\n scrollDirection: scrollDirection,\n scrollOffset: scrollOffset,\n
scrollUpdateWasRequested: scrollUpdateWasRequested\n });\n });\n _this._getItemStyle = void 0;\n\n
_this._getItemStyle = function (index) {\n var _this$props = _this.props,\n direction =
_this$props.direction,\n itemSize = _this$props.itemSize,\n layout = _this$props.layout;\n\n var
itemStyleCache = _this._getItemStyleCache(shouldResetStyleCacheOnItemSizeChange && itemSize,
shouldResetStyleCacheOnItemSizeChange && layout, shouldResetStyleCacheOnItemSizeChange &&
direction);\n\n var style;\n\n if (itemStyleCache.hasOwnProperty(index)) {\n style =
itemStyleCache[index];\n } else {\n var _style;\n\n var _offset = getItemOffset(_this.props, index,
_this._instanceProps);\n\n var size = getItemSize(_this.props, index, _this._instanceProps); // TODO
Deprecate direction \"horizontal\"\n\n var isHorizontal = direction === 'horizontal' || layout === 'horizontal';\n
itemStyleCache[index] = style = (_style = {\n position: 'absolute'\n }, _style[direction === 'rtl' ?
'right' : 'left'] = isHorizontal ? _offset : 0, _style.top = !isHorizontal ? _offset : 0, _style.height = !isHorizontal ? size

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: '100%', _style.width = isHorizontal ? size : '100%', _style);
}

return style;
};

_this._getItemStyleCache = void 0;
_this._getItemStyleCache = memoizeOne(function (_, __, ___) {
return {};
});
_this._onScrollHorizontal = function (event) {
var _event$currentTarget = event.currentTarget,
clientWidth = _event$currentTarget.clientWidth,
scrollLeft = _event$currentTarget.scrollLeft,
scrollWidth = _event$currentTarget.scrollWidth;

// Force flush sync for scroll updates to reduce visual checkerboarding.
flushSync() => {
_this.setState(function (prevState) {
if (prevState.scrollOffset === scrollLeft) {
// Scroll position may have been updated by cDM/cDU,
// In which case we don't need to trigger another render,
// And we don't want to update state.isScrolling.
return null;
}

var direction = _this.props.direction;
var scrollOffset = scrollLeft;
if (direction === 'rtl') {
// TRICKY According to the spec, scrollLeft should be negative for RTL aligned elements.
// This is not the case for all browsers though (e.g. Chrome reports values as positive, measured relative to the left).
// It's also easier for this component if we convert offsets to the same format as they would be in for ltr.
// So the simplest solution is to determine which browser behavior we're dealing with, and convert based on it.
switch (getRTLOffsetType()) {
case 'negative':
scrollOffset = -scrollLeft;
break;
case 'positive-descending':
scrollOffset = scrollWidth - clientWidth - scrollLeft;
break;
}
} // Prevent Safari's elastic scrolling from causing visual shaking when scrolling past bounds.

scrollOffset = Math.max(0, Math.min(scrollOffset, scrollWidth - clientWidth));
return {
isScrolling: true,
scrollDirection: prevState.scrollOffset < scrollLeft ? 'forward' : 'backward',
scrollOffset: scrollOffset,
scrollUpdateWasRequested: false
};
},
_this._resetIsScrollingDebounce);
});

_this._onScrollVertical = function (event) {
var _event$currentTarget2 = event.currentTarget,
clientHeight = _event$currentTarget2.clientHeight,
scrollHeight = _event$currentTarget2.scrollHeight,
scrollTop = _event$currentTarget2.scrollTop;

// Force flush sync for scroll updates to reduce visual checkerboarding.
flushSync() => {
_this.setState(function (prevState) {
if (prevState.scrollOffset === scrollTop) {
// Scroll position may have been updated by cDM/cDU,
// In which case we don't need to trigger another render,
// And we don't want to update state.isScrolling.
return null;
} // Prevent Safari's elastic scrolling from causing visual shaking when scrolling past bounds.

var scrollOffset = Math.max(0, Math.min(scrollTop, scrollHeight - clientHeight));
return {
isScrolling: true,
scrollDirection: prevState.scrollOffset < scrollOffset ? 'forward' : 'backward',
scrollOffset: scrollOffset,
scrollUpdateWasRequested: false
};
},
_this._resetIsScrollingDebounce);
});

_this._outerRefSetter = function (ref) {
var outerRef = _this.props.outerRef;
_this._outerRef = ref;
if (typeof outerRef === 'function') {
outerRef(ref);
} else if (outerRef != null && typeof outerRef === 'object' && outerRef.hasOwnProperty('current')) {
outerRef.current = ref;
}
};

_this._resetIsScrollingDebounce = function () {
if (_this._resetIsScrollingTimeoutId !== null) {
cancelTimeout(_this._resetIsScrollingTimeoutId);
}

_this._resetIsScrollingTimeoutId = requestTimeout(_this._resetIsScrolling, IS_SCROLLING_DEBOUNCE_INTERVAL$1);
};

_this._resetIsScrolling = function () {
_this._resetIsScrollingTimeoutId = null;
_this.setState({
isScrolling: false
}, function () {
// Clear style cache after state update has been committed.
// This way we don't break pure sCU for items that don't use isScrolling param.
_this._getItemStyleCache(-1, null);
});
};

return _this;
}

List.getDerivedStateFromProps = function getDerivedStateFromProps(nextProps, prevState) {
validateSharedProps$1(nextProps, prevState);
validateProps(nextProps);
return null;
};

var _proto = List.prototype;
_proto.scrollTo = function scrollTo(scrollOffset) {
scrollOffset = Math.max(0, scrollOffset);
this.setState(function (prevState) {
if (prevState.scrollOffset === scrollOffset) {
return null;
}

return {
scrollDirection: prevState.scrollOffset < scrollOffset ? 'forward' : 'backward',
scrollOffset: scrollOffset,
scrollUpdateWasRequested: true
};
}, this._resetIsScrollingDebounce);
};

_proto.scrollToItem = function scrollToItem(index, align) {
if (align === void 0) {
align = 'auto';
}

var itemCount

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= this.props.itemCount;\n    var scrollOffset = this.state.scrollOffset;\n    index = Math.max(0, Math.min(index,
itemCount - 1));\n    this.scrollTo(getOffsetForIndexAndAlignment(this.props, index, align, scrollOffset,
this._instanceProps));\n  };\n\n  _proto.componentDidMount = function componentDidMount() {\n    var
_this$props2 = this.props,\n    direction = _this$props2.direction,\n    initialScrollOffset =
_this$props2.initialScrollOffset,\n    layout = _this$props2.layout;\n\n    if (typeof initialScrollOffset ===
'number' && this._outerRef != null) {\n      var outerRef = this._outerRef; // TODO Deprecate direction
\"horizontal\"\n\n      if (direction === 'horizontal' || layout === 'horizontal') {\n        outerRef.scrollLeft =
initialScrollOffset;\n      } else {\n        outerRef.scrollTop = initialScrollOffset;\n      }\n    }\n\n    this._callPropsCallbacks();\n  };\n\n  _proto.componentDidUpdate = function componentDidUpdate() {\n    var
_this$props3 = this.props,\n    direction = _this$props3.direction,\n    layout = _this$props3.layout;\n\n    var
_this$state = this.state,\n    scrollOffset = _this$state.scrollOffset,\n    scrollUpdateWasRequested =
_this$state.scrollUpdateWasRequested;\n\n    if (scrollUpdateWasRequested && this._outerRef != null) {\n      var outerRef = this._outerRef; // TODO Deprecate direction \"horizontal\"\n\n      if (direction === 'horizontal' ||
layout === 'horizontal') {\n        if (direction === 'rtl') {\n          // TRICKY According to the spec, scrollLeft
should be negative for RTL aligned elements.\n          // This is not the case for all browsers though (e.g. Chrome
reports values as positive, measured relative to the left).\n          // So we need to determine which browser behavior
we're dealing with, and mimic it.\n          switch (getRTLOffsetType()) {\n            case 'negative':\n              outerRef.scrollLeft = -scrollOffset;\n              break;\n            case 'positive-ascending':\n              outerRef.scrollLeft = scrollOffset;\n              break;\n            default:\n              var clientWidth =
outerRef.clientWidth,\n              scrollWidth = outerRef.scrollWidth;\n              outerRef.scrollLeft =
scrollWidth - clientWidth - scrollOffset;\n              break;\n          }\n        } else {\n          outerRef.scrollLeft =
scrollOffset;\n        }\n      } else {\n        outerRef.scrollTop = scrollOffset;\n      }\n    }\n\n    this._callPropsCallbacks();\n  };\n\n  _proto.componentWillUnmount = function componentWillUnmount() {\n    if (this._resetIsScrollingTimeoutId != null) {\n      cancelTimeout(this._resetIsScrollingTimeoutId);\n    }\n  };\n\n  _proto.render = function render() {\n    var _this$props4 = this.props,\n    children =
_this$props4.children,\n    className = _this$props4.className,\n    direction = _this$props4.direction,\n    height = _this$props4.height,\n    innerRef = _this$props4.innerRef,\n    innerElementType =
_this$props4.innerElementType,\n    innerTagName = _this$props4.innerTagName,\n    itemCount =
_this$props4.itemCount,\n    itemData = _this$props4.itemData,\n    _this$props4$itemKey =
_this$props4.itemKey,\n    itemKey = _this$props4$itemKey === void 0 ? defaultItemKey$1 :
_this$props4$itemKey,\n    layout = _this$props4.layout,\n    outerElementType =
_this$props4.outerElementType,\n    outerTagName = _this$props4.outerTagName,\n    style =
_this$props4.style,\n    useIsScrolling = _this$props4.useIsScrolling,\n    width = _this$props4.width;\n\n    var isScrolling = this.state.isScrolling; // TODO Deprecate direction \"horizontal\"\n    var isHorizontal =
direction === 'horizontal' || layout === 'horizontal';\n    var onScroll = isHorizontal ? this._onScrollHorizontal :
this._onScrollVertical;\n\n    var _this$_getRangeToRend = this._getRangeToRender(),\n    startIndex =
_this$_getRangeToRend[0],\n    stopIndex = _this$_getRangeToRend[1];\n\n    var items = [];\n\n    if (itemCount > 0) {\n      for (var _index = startIndex; _index <= stopIndex; _index++) {\n        items.push(createElement(children, {\n          data: itemData,\n          key: itemKey(_index, itemData),\n          index: _index,\n          isScrolling: useIsScrolling ? isScrolling : undefined,\n          style:
this._getItemStyle(_index)\n        }));\n      }\n    } // Read this value AFTER items have been created, // So
their actual sizes (if variable) are taken into consideration.\n\n    var estimatedTotalSize =
getEstimatedTotalSize(this.props, this._instanceProps);\n\n    return createElement(outerElementType ||
outerTagName || 'div', {\n      className: className,\n      onScroll: onScroll,\n      ref: this._outerRefSetter,\n      style: _extends({\n        position: 'relative',\n        height: height,\n        width: width,\n        overflow: 'auto',\n        WebkitOverflowScrolling: 'touch',\n        willChange: 'transform',\n        direction: direction\n      }, style)\n    }, createElement(innerElementType || innerTagName || 'div', {\n      children: items,\n      ref: innerRef,\n      style: {\n        height: isHorizontal ? '100%' : estimatedTotalSize,\n        pointerEvents: isScrolling ? 'none' :

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undefined,\n      width: isHorizontal ? estimatedTotalSize : '100%\n    }\n  });\n  });\n\n  _proto._callPropsCallbacks = function _callPropsCallbacks() {\n    if (typeof this.props.onItemsRendered ===\n    'function') {\n      var itemCount = this.props.itemCount;\n      if (itemCount > 0) {\n        var\n        _this$_getRangeToRend2 = this._getRangeToRender(),\n        _overscanStartIndex =\n        _this$_getRangeToRend2[0],\n        _overscanStopIndex = _this$_getRangeToRend2[1],\n        _visibleStartIndex = _this$_getRangeToRend2[2],\n        _visibleStopIndex = _this$_getRangeToRend2[3];\n\n        this._callOnItemsRendered(_overscanStartIndex, _overscanStopIndex, _visibleStartIndex,\n        _visibleStopIndex);\n      }\n    }\n    if (typeof this.props.onScroll === 'function') {\n      var _this$state2 =\n      this.state,\n      _scrollDirection = _this$state2.scrollDirection,\n      _scrollOffset =\n      _this$state2.scrollOffset,\n      _scrollUpdateWasRequested = _this$state2.scrollUpdateWasRequested;\n\n      this._callOnScroll(_scrollDirection, _scrollOffset, _scrollUpdateWasRequested);\n    }\n  }; // Lazily create and\n  cache item styles while scrolling,\n  // So that pure component sCU will prevent re-renders.\n  // We maintain this\n  cache, and pass a style prop rather than index,\n  // So that List can clear cached styles and force item re-render if\n  necessary.\n\n  _proto._getRangeToRender = function _getRangeToRender() {\n    var _this$props5 =\n    this.props,\n    itemCount = _this$props5.itemCount,\n    overscanCount = _this$props5.overscanCount;\n    var _this$state3 = this.state,\n    isScrolling = _this$state3.isScrolling,\n    scrollDirection =\n    _this$state3.scrollDirection,\n    scrollOffset = _this$state3.scrollOffset;\n\n    if (itemCount === 0) {\n      return [0, 0, 0, 0];\n    }\n\n    var startIndex = getStartIndexForOffset(this.props, scrollOffset,\n    this._instanceProps);\n    var stopIndex = getStopIndexForStartIndex(this.props, startIndex, scrollOffset,\n    this._instanceProps); // Overscan by one item in each direction so that tab/focus works.\n    // If there isn't at least\n    one extra item, tab loops back around.\n\n    var overscanBackward = !isScrolling || scrollDirection === 'backward'\n    ? Math.max(1, overscanCount) : 1;\n    var overscanForward = !isScrolling || scrollDirection === 'forward'\n    ? Math.max(1, overscanCount) : 1;\n    return [Math.max(0, startIndex - overscanBackward), Math.max(0,\n    Math.min(itemCount - 1, stopIndex + overscanForward)), startIndex, stopIndex];\n  }; \n\n  return List;\n  }(PureComponent),\n  _class.defaultProps = {\n    direction: 'ltr',\n    itemData: undefined,\n    layout: 'vertical',\n    overscanCount: 2,\n    useIsScrolling: false\n  },\n  _temp;\n  // NOTE: I considered further wrapping individual items\n  with a pure ListItem component.\n  // This would avoid ever calling the render function for the same index more than\n  once,\n  // But it would also add the overhead of a lot of components/fibers.\n  // I assume people already do this\n  (render function returning a class component),\n  // So my doing it would just unnecessarily double the\n  wrappers.\n\n  var validateSharedProps$1 = function validateSharedProps(_ref2, _ref3) {\n    var children =\n    _ref2.children,\n    direction = _ref2.direction,\n    height = _ref2.height,\n    layout = _ref2.layout,\n    innerTagName = _ref2.innerTagName,\n    outerTagName = _ref2.outerTagName,\n    width = _ref2.width;\n\n    var instance = _ref3.instance;\n\n    if (process.env.NODE_ENV !== 'production') {\n      if (innerTagName != null ||\n      outerTagName != null) {\n        if (devWarningsTagName$1 && !devWarningsTagName$1.has(instance)) {\n          devWarningsTagName$1.add(instance);\n          console.warn('The innerTagName and outerTagName props have\n          been deprecated. ' + 'Please use the innerElementType and outerElementType props instead.);\n        }\n      }\n    } // TODO\n\n    Deprecate direction\n    \\\"horizontal\\\"\n\n    var isHorizontal = direction === 'horizontal' || layout === 'horizontal';\n\n    switch (direction) {\n      case 'horizontal':\n      case 'vertical':\n        if (devWarningsDirection &&\n        !devWarningsDirection.has(instance)) {\n          devWarningsDirection.add(instance);\n          console.warn('The\n          direction prop should be either \\\"ltr\\\" (default) or \\\"rtl\\\". ' + 'Please use the layout prop to specify\n          \\\"vertical\\\"\n          (default) or \\\"horizontal\\\" orientation.);\n        }\n        break;\n\n      case 'ltr':\n      case 'rtl':\n        // Valid\n        values\n        break;\n\n      default:\n        throw Error('An invalid \\\"direction\\\" prop has been specified. ' + 'Value\n        should be either \\\"ltr\\\" or \\\"rtl\\\". ' + ('\\\"\\\"\\\"\" + direction + '\\\"\\\"\\\"\" was specified.));\n    }\n\n    switch (layout) {\n      case 'horizontal':\n      case 'vertical':\n        // Valid values\n        break;\n\n      default:\n        throw Error('An invalid\n        \\\"layout\\\" prop has been specified. ' + 'Value should be either \\\"horizontal\\\" or \\\"vertical\\\". ' + ('\\\"\\\"\\\"\" + layout +\n        '\\\"\\\"\\\"\" was specified.));\n    }\n\n    if (children == null) {\n      throw Error('An invalid \\\"children\\\" prop has been\n      specified. ' + 'Value should be a React component. ' + ('\\\"\\\"\\\"\" + (children === null ? 'null' : typeof children) + '\\\"\\\"\\\"\" was\n      specified.));\n    }\n\n    if (isHorizontal && typeof width !== 'number') {\n      throw Error('An invalid

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\'width\' prop has been specified. ' + 'Horizontal lists must specify a number for width. ' + (\'\'\'\'\' + (width === null
? \'null\' : typeof width) + \'\'\'\' was specified.\');\n  } else if (!isHorizontal && typeof height !== \'number\') {\n
throw Error(\'An invalid \'height\' prop has been specified. ' + 'Vertical lists must specify a number for height. ' +
(\'\'\'\'\' + (height === null ? \'null\' : typeof height) + \'\'\'\' was specified.\');\n  }\n }\n};\n\nvar
DEFAULT_ESTIMATED_ITEM_SIZE$1 = 50;\n\nvar getItemMetadata$1 = function getItemMetadata(props,
index, instanceProps) {\n  var _ref = props,\n      itemSize = _ref.itemSize;\n  var itemMetadataMap =
instanceProps.itemMetadataMap,\n      lastMeasuredIndex = instanceProps.lastMeasuredIndex;\n\n  if (index >
lastMeasuredIndex) {\n    var offset = 0;\n\n    if (lastMeasuredIndex >= 0) {\n      var itemMetadata =
itemMetadataMap[lastMeasuredIndex];\n      offset = itemMetadata.offset + itemMetadata.size;\n    }\n\n    for (var i
= lastMeasuredIndex + 1; i <= index; i++) {\n      var size = itemSize(i);\n      itemMetadataMap[i] = {\n        offset:
offset,\n        size: size\n      };\n      offset += size;\n    }\n\n    instanceProps.lastMeasuredIndex = index;\n  }\n\n  return itemMetadataMap[index];\n};\n\nvar findNearestItem$1 = function findNearestItem(props, instanceProps,
offset) {\n  var itemMetadataMap = instanceProps.itemMetadataMap,\n      lastMeasuredIndex =
instanceProps.lastMeasuredIndex;\n  var lastMeasuredItemOffset = lastMeasuredIndex > 0 ?
itemMetadataMap[lastMeasuredIndex].offset : 0;\n\n  if (lastMeasuredItemOffset >= offset) {\n    // If we've already
measured items within this range just use a binary search as it's faster.\n    return
findNearestItemBinarySearch$1(props, instanceProps, lastMeasuredIndex, 0, offset);\n  } else {\n    // If we haven't
yet measured this high, fallback to an exponential search with an inner binary search.\n    // The exponential search
avoids pre-computing sizes for the full set of items as a binary search would.\n    // The overall complexity for this
approach is O(log n).\n    return findNearestItemExponentialSearch$1(props, instanceProps, Math.max(0,
lastMeasuredIndex), offset);\n  }\n};\n\nvar findNearestItemBinarySearch$1 = function
findNearestItemBinarySearch(props, instanceProps, high, low, offset) {\n  while (low <= high) {\n    var middle =
low + Math.floor((high - low) / 2);\n    var currentOffset = getItemMetadata$1(props, middle,
instanceProps).offset;\n\n    if (currentOffset === offset) {\n      return middle;\n    } else if (currentOffset < offset)
{\n      low = middle + 1;\n    } else if (currentOffset > offset) {\n      high = middle - 1;\n    }\n  }\n\n  if (low > 0)
{\n    return low - 1;\n  } else {\n    return 0;\n  }\n};\n\nvar findNearestItemExponentialSearch$1 = function
findNearestItemExponentialSearch(props, instanceProps, index, offset) {\n  var itemCount = props.itemCount;\n  var interval = 1;\n\n  while (index < itemCount && getItemMetadata$1(props, index, instanceProps).offset < offset)
{\n    index += interval;\n    interval *= 2;\n  }\n\n  return findNearestItemBinarySearch$1(props, instanceProps,
Math.min(index, itemCount - 1), Math.floor(index / 2), offset);\n};\n\nvar getEstimatedTotalSize = function
getEstimatedTotalSize(_ref2, _ref3) {\n  var itemCount = _ref2.itemCount;\n  var itemMetadataMap =
_ref3.itemMetadataMap,\n      estimatedItemSize = _ref3.estimatedItemSize,\n      lastMeasuredIndex =
_ref3.lastMeasuredIndex;\n  var totalSizeOfMeasuredItems = 0; // Edge case check for when the number of items
decreases while a scroll is in progress.\n  // https://github.com/bvaughn/react-window/pull/138\n\n  if
(lastMeasuredIndex >= itemCount) {\n    lastMeasuredIndex = itemCount - 1;\n  }\n\n  if (lastMeasuredIndex >= 0)
{\n    var itemMetadata = itemMetadataMap[lastMeasuredIndex];\n    totalSizeOfMeasuredItems =
itemMetadata.offset + itemMetadata.size;\n  }\n\n  var numUnmeasuredItems = itemCount - lastMeasuredIndex -
1;\n  var totalSizeOfUnmeasuredItems = numUnmeasuredItems * estimatedItemSize;\n  return
totalSizeOfMeasuredItems + totalSizeOfUnmeasuredItems;\n};\n\nvar VariableSizeList
= /*#__PURE__*/createListComponent({\n  getItemOffset: function getItemOffset(props, index, instanceProps)
{\n    return getItemMetadata$1(props, index, instanceProps).offset;\n  },\n  getItemSize: function
getItemSize(props, index, instanceProps) {\n    return instanceProps.itemMetadataMap[index].size;\n  },\n  getEstimatedTotalSize: getEstimatedTotalSize,\n  getOffsetForIndexAndAlignment: function
getOffsetForIndexAndAlignment(props, index, align, scrollOffset, instanceProps) {\n    var direction =
props.direction,\n        height = props.height,\n        layout = props.layout,\n        width = props.width; // TODO
Deprecate direction \'horizontal\'\n\n    var isHorizontal = direction === 'horizontal' || layout === 'horizontal';\n\n    var size = isHorizontal ? width : height;\n    var itemMetadata = getItemMetadata$1(props, index, instanceProps); //
Get estimated total size after ItemMetadata is computed.\n    // To ensure it reflects actual measurements instead of

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just estimates.\n\n  var estimatedTotalSize = getEstimatedTotalSize(props, instanceProps);\n  var maxOffset = Math.max(0, Math.min(estimatedTotalSize - size, itemMetadata.offset));\n  var minOffset = Math.max(0, itemMetadata.offset - size + itemMetadata.size);\n\n  if (align === 'smart') {\n    if (scrollOffset >= minOffset - size && scrollOffset <= maxOffset + size) {\n      align = 'auto';\n    } else {\n      align = 'center';\n    }\n  }\n\n  switch (align) {\n    case 'start':\n      return maxOffset;\n\n    case 'end':\n      return minOffset;\n\n    case 'center':\n      return Math.round(minOffset + (maxOffset - minOffset) / 2);\n\n    case 'auto':\n      default:\n        if (scrollOffset >= minOffset && scrollOffset <= maxOffset) {\n          return scrollOffset;\n        } else if (scrollOffset < minOffset) {\n          return minOffset;\n        } else {\n          return maxOffset;\n        }\n\n    }\n  },\n\n  getStartIndexForOffset: function getStartIndexForOffset(props, offset, instanceProps) {\n    return findNearestItem$1(props, instanceProps, offset);\n  },\n  getStopIndexForStartIndex: function getStopIndexForStartIndex(props, startIndex, scrollOffset, instanceProps) {\n    var direction = props.direction,\n        height = props.height,\n        itemCount = props.itemCount,\n        layout = props.layout,\n        width = props.width;\n\n    // TODO Deprecate direction \"horizontal\"\n    var isHorizontal = direction === 'horizontal' || layout === 'horizontal';\n    var size = isHorizontal ? width : height;\n    var itemMetadata = getItemMetadata$1(props, startIndex, instanceProps);\n    var maxOffset = scrollOffset + size;\n    var offset = itemMetadata.offset + itemMetadata.size;\n    var stopIndex = startIndex;\n\n    while (stopIndex < itemCount - 1 && offset < maxOffset) {\n      stopIndex++;\n      offset += getItemMetadata$1(props, stopIndex, instanceProps).size;\n    }\n\n    return stopIndex;\n  },\n  initInstanceProps: function initInstanceProps(props, instance) {\n    var _ref4 = props,\n        estimatedItemSize = _ref4.estimatedItemSize;\n    var instanceProps = {\n      itemMetadataMap: {},\n      estimatedItemSize: estimatedItemSize || DEFAULT_ESTIMATED_ITEM_SIZE$1,\n      lastMeasuredIndex: -1\n    };\n\n    instance.resetAfterIndex = function (index, shouldForceUpdate) {\n      if (shouldForceUpdate === void 0) {\n        shouldForceUpdate = true;\n      }\n\n      instanceProps.lastMeasuredIndex = Math.min(instanceProps.lastMeasuredIndex, index - 1); // We could potentially optimize further by only evicting styles after this index,\n      // But since styles are only cached while scrolling is in progress-\n      // It seems an unnecessary optimization.\n      // It's unlikely that resetAfterIndex() will be called while a user is scrolling.\n\n      instance._getItemStyleCache(-1);\n      if (shouldForceUpdate) {\n        instance.forceUpdate();\n      }\n    };\n\n    return instanceProps;\n  },\n  shouldResetStyleCacheOnItemSizeChange: false,\n  validateProps: function validateProps(_ref5) {\n    var itemSize = _ref5.itemSize;\n\n    if (process.env.NODE_ENV !== 'production') {\n      if (typeof itemSize !== 'function') {\n        throw Error('An invalid \"itemSize\" prop has been specified. ' + 'Value should be a function. ' + (\"\\\"\\\"\" + (itemSize === null ? 'null' : typeof itemSize) + \"\\\"\\\"\" was specified.));\n      }\n    }\n  },\n\n  FixedSizeGrid = /*#__PURE__*/createGridComponent({\n    getColumnOffset: function getColumnOffset(_ref, index) {\n      var columnWidth = _ref.columnWidth;\n      return index * columnWidth;\n    },\n    getColumnWidth: function getColumnWidth(_ref2, index) {\n      var columnWidth = _ref2.columnWidth;\n      return columnWidth;\n    },\n    getRowOffset: function getRowOffset(_ref3, index) {\n      var rowHeight = _ref3.rowHeight;\n      return index * rowHeight;\n    },\n    getRowHeight: function getRowHeight(_ref4, index) {\n      var rowHeight = _ref4.rowHeight;\n      return rowHeight;\n    },\n    getEstimatedTotalHeight: function getEstimatedTotalHeight(_ref5) {\n      var rowCount = _ref5.rowCount,\n          rowHeight = _ref5.rowHeight;\n      return rowHeight * rowCount;\n    },\n    getEstimatedTotalWidth: function getEstimatedTotalWidth(_ref6) {\n      var columnCount = _ref6.columnCount,\n          columnWidth = _ref6.columnWidth;\n      return columnWidth * columnCount;\n    },\n    getOffsetForColumnAndAlignment: function getOffsetForColumnAndAlignment(_ref7, columnIndex, align, scrollLeft, instanceProps, scrollbarSize) {\n      var columnCount = _ref7.columnCount,\n          columnWidth = _ref7.columnWidth,\n          width = _ref7.width;\n      var lastColumnOffset = Math.max(0, columnCount * columnWidth - width);\n      var maxOffset = Math.min(lastColumnOffset, columnIndex * columnWidth);\n      var minOffset = Math.max(0, columnIndex * columnWidth - width + scrollbarSize + columnWidth);\n\n      if (align === 'smart') {\n        if (scrollLeft >= minOffset - width && scrollLeft <= maxOffset + width) {\n          align = 'auto';\n        } else {\n          align = 'center';\n        }\n      }\n\n      switch (align) {\n        case 'start':\n          return maxOffset;\n\n        case 'end':\n          return minOffset;\n\n        case 'center':\n          // \"Centered\" offset is usually the average of the min and max.\n          // But near the edges of the list, this doesn't hold true.\n
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var middleOffset = Math.round(minOffset + (maxOffset - minOffset) / 2);\n\n    if (middleOffset <
Math.ceil(width / 2)) {\n    return 0; // near the beginning\n    } else if (middleOffset > lastColumnOffset +
Math.floor(width / 2)) {\n    return lastColumnOffset; // near the end\n    } else {\n    return
middleOffset;\n    }\n\n    case 'auto':\n    default:\n    if (scrollLeft >= minOffset && scrollLeft <=
maxOffset) {\n    return scrollLeft;\n    } else if (minOffset > maxOffset) {\n    // Because we only take
into account the scrollbar size when calculating minOffset\n    // this value can be larger than maxOffset when at
the end of the list\n    return minOffset;\n    } else if (scrollLeft < minOffset) {\n    return minOffset;\n
} else {\n    return maxOffset;\n    }\n\n    },\n    getOffsetForRowAndAlignment: function
getOffsetForRowAndAlignment(_ref8, rowIndex, align, scrollTop, instanceProps, scrollbarSize) {\n    var
rowHeight = _ref8.rowHeight,\n    height = _ref8.height,\n    rowCount = _ref8.rowCount;\n    var
lastRowOffset = Math.max(0, rowCount * rowHeight - height);\n    var maxOffset = Math.min(lastRowOffset,
rowIndex * rowHeight);\n    var minOffset = Math.max(0, rowIndex * rowHeight - height + scrollbarSize +
rowHeight);\n    if (align === 'smart') {\n    if (scrollTop >= minOffset - height && scrollTop <= maxOffset +
height) {\n    align = 'auto';\n    } else {\n    align = 'center';\n    }\n    }\n\n    switch (align) {\n    case
'start':\n    return maxOffset;\n\n    case 'end':\n    return minOffset;\n\n    case 'center':\n    // \"Centered\"
offset is usually the average of the min and max.\n    // But near the edges of the list, this doesn't hold true.\n\n    var middleOffset = Math.round(minOffset + (maxOffset - minOffset) / 2);\n\n    if (middleOffset <
Math.ceil(height / 2)) {\n    return 0; // near the beginning\n    } else if (middleOffset > lastRowOffset +
Math.floor(height / 2)) {\n    return lastRowOffset; // near the end\n    } else {\n    return middleOffset;\n
}\n\n    case 'auto':\n    default:\n    if (scrollTop >= minOffset && scrollTop <= maxOffset) {\n    return
scrollTop;\n    } else if (minOffset > maxOffset) {\n    // Because we only take into account the scrollbar size
when calculating minOffset\n    // this value can be larger than maxOffset when at the end of the list\n\n    return minOffset;\n    } else if (scrollTop < minOffset) {\n    return minOffset;\n    } else {\n    return
maxOffset;\n    }\n\n    }\n    },\n    getColumnStartIndexForOffset: function getColumnStartIndexForOffset(_ref9,
scrollLeft) {\n    var columnWidth = _ref9.columnWidth,\n    columnCount = _ref9.columnCount;\n    return
Math.max(0, Math.min(columnCount - 1, Math.floor(scrollLeft / columnWidth)));\n    },\n    getColumnStopIndexForStartIndex: function getColumnStopIndexForStartIndex(_ref10, startIndex, scrollLeft) {\n    var
columnWidth = _ref10.columnWidth,\n    columnCount = _ref10.columnCount,\n    width =
_ref10.width;\n    var left = startIndex * columnWidth;\n    var numVisibleColumns = Math.ceil((width + scrollLeft
- left) / columnWidth);\n    return Math.max(0, Math.min(columnCount - 1, startIndex + numVisibleColumns - 1 // -
1 is because stop index is inclusive\n    ));\n    },\n    getRowStartIndexForOffset: function
getRowStartIndexForOffset(_ref11, scrollTop) {\n    var rowHeight = _ref11.rowHeight,\n    rowCount =
_ref11.rowCount;\n    return Math.max(0, Math.min(rowCount - 1, Math.floor(scrollTop / rowHeight)));\n    },\n    getRowStopIndexForStartIndex: function getRowStopIndexForStartIndex(_ref12, startIndex, scrollTop) {\n    var
rowHeight = _ref12.rowHeight,\n    rowCount = _ref12.rowCount,\n    height = _ref12.height;\n    var top =
startIndex * rowHeight;\n    var numVisibleRows = Math.ceil((height + scrollTop - top) / rowHeight);\n    return
Math.max(0, Math.min(rowCount - 1, startIndex + numVisibleRows - 1 // -1 is because stop index is inclusive\n    ));\n    },\n    initStateProps: function initStateProps(props) { // Noop\n    },\n    shouldResetStyleCacheOnItemSizeChange: true,\n    validateProps: function validateProps(_ref13) {\n    var
columnWidth = _ref13.columnWidth,\n    rowHeight = _ref13.rowHeight;\n\n    if (process.env.NODE_ENV !==
'production') {\n    if (typeof columnWidth !== 'number') {\n    throw Error('An invalid \"columnWidth\" prop
has been specified. ' + 'Value should be a number. ' + (\"\\\"\" + (columnWidth === null ? 'null' : typeof
columnWidth) + \"\\\"\" was specified.));\n    }\n\n    if (typeof rowHeight !== 'number') {\n    throw Error('An
invalid \"rowHeight\" prop has been specified. ' + 'Value should be a number. ' + (\"\\\"\" + (rowHeight === null ?
'null' : typeof rowHeight) + \"\\\"\" was specified.));\n    }\n    }\n\n    },\n    FixedSizeList
= \n/*#__PURE__*/\ncreateListComponent({\n    getItemOffset: function getItemOffset(_ref, index) {\n    var
itemSize = _ref.itemSize;\n    return index * itemSize;\n    },\n    getItemSize: function getItemSize(_ref2, index) {\n    var
itemSize = _ref2.itemSize;\n    return itemSize;\n    },\n    getEstimatedTotalSize: function

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getEstimatedTotalSize(_ref3) {\n  var itemCount = _ref3.itemCount,\n    itemSize = _ref3.itemSize;\n  return\n  itemSize * itemCount;\n },\n getOffsetForIndexAndAlignment: function getOffsetForIndexAndAlignment(_ref4,\n index, align, scrollOffset) {\n  var direction = _ref4.direction,\n    height = _ref4.height,\n    itemCount =\n    _ref4.itemCount,\n    itemSize = _ref4.itemSize,\n    layout = _ref4.layout,\n    width = _ref4.width;\n  //\n  TODO Deprecate direction \"horizontal\"\n  var isHorizontal = direction === 'horizontal' || layout ===\n  'horizontal';\n  var size = isHorizontal ? width : height;\n  var lastItemOffset = Math.max(0, itemCount * itemSize\n  - size);\n  var maxOffset = Math.min(lastItemOffset, index * itemSize);\n  var minOffset = Math.max(0, index *\n  itemSize - size + itemSize);\n\n  if (align === 'smart') {\n    if (scrollOffset >= minOffset - size && scrollOffset\n  <= maxOffset + size) {\n      align = 'auto';\n    } else {\n      align = 'center';\n    }\n  }\n\n  switch (align) {\n    case 'start':\n      return maxOffset;\n\n    case 'end':\n      return minOffset;\n\n    case 'center':\n      {\n\n        // \"Centered\" offset is usually the average of the min and max.\n        // But near the edges of the list, this doesn't\n        hold true.\n        var middleOffset = Math.round(minOffset + (maxOffset - minOffset) / 2);\n\n        if\n        (middleOffset < Math.ceil(size / 2)) {\n          return 0; // near the beginning\n        } else if (middleOffset >\n        lastItemOffset + Math.floor(size / 2)) {\n          return lastItemOffset; // near the end\n        } else {\n          return\n        middleOffset;\n        }\n      }\n\n    case 'auto':\n      default:\n        if (scrollOffset >= minOffset && scrollOffset\n  <= maxOffset) {\n          return scrollOffset;\n        } else if (scrollOffset < minOffset) {\n          return minOffset;\n        }\n        else {\n          return maxOffset;\n        }\n      }\n  },\n  getStartIndexForOffset: function\n  getStartIndexForOffset(_ref5, offset) {\n    var itemCount = _ref5.itemCount,\n      itemSize = _ref5.itemSize;\n    return Math.max(0, Math.min(itemCount - 1, Math.floor(offset / itemSize)));\n  },\n  getStopIndexForStartIndex:\n  function getStopIndexForStartIndex(_ref6, startIndex, scrollOffset) {\n    var direction = _ref6.direction,\n      height = _ref6.height,\n      itemCount = _ref6.itemCount,\n      itemSize = _ref6.itemSize,\n      layout =\n      _ref6.layout,\n      width = _ref6.width;\n    // TODO Deprecate direction \"horizontal\"\n    var isHorizontal =\n    direction === 'horizontal' || layout === 'horizontal';\n    var offset = startIndex * itemSize;\n    var size = isHorizontal\n    ? width : height;\n    var numVisibleItems = Math.ceil((size + scrollOffset - offset) / itemSize);\n    return\n    Math.max(0, Math.min(itemCount - 1, startIndex + numVisibleItems - 1 // -1 is because stop index is inclusive\n    ));\n  },\n  initInstanceProps: function initInstanceProps(props) { // Noop\n  },\n  shouldResetStyleCacheOnItemSizeChange: true,\n  validateProps: function validateProps(_ref7) {\n    var itemSize\n    = _ref7.itemSize;\n\n    if (process.env.NODE_ENV !== 'production') {\n      if (typeof itemSize !== 'number') {\n        throw Error('An invalid \"itemSize\" prop has been specified. ' + 'Value should be a number. ' + (\"\\\"\\\"\" + (itemSize\n        === null ? 'null' : typeof itemSize) + \"\\\"\\\"\" was specified.));\n      }\n    }\n  },\n  // Pulled from react-\n  compat\n  // https://github.com/developit/preact-\n  compat/blob/7c5de00e7c85e2ffd011bf3af02899b63f699d3a/src/index.js#L349\n  function shallowDiffers(prev, next)\n  {\n    for (var attribute in prev) {\n      if (!(attribute in next)) {\n        return true;\n      }\n    }\n\n    for (var _attribute in\n    next) {\n      if (prev[_attribute] !== next[_attribute]) {\n        return true;\n      }\n    }\n\n    return false;\n  }\n  // It knows\n  to compare individual style props and ignore the wrapper object.\n  // See https://reactjs.org/docs/react-\n  api.html#reactmemo\n  function areEqual(prevProps, nextProps) {\n    var prevStyle = prevProps.style,\n      prevRest = _objectWithoutPropertiesLoose(prevProps, [\"style\"]);\n\n    var nextStyle = nextProps.style,\n      nextRest = _objectWithoutPropertiesLoose(nextProps, [\"style\"]);\n\n    return !shallowDiffers(prevStyle, nextStyle)\n    && !shallowDiffers(prevRest, nextRest);\n  }\n  // It knows to compare individual style props and ignore the\n  wrapper object.\n  // See https://reactjs.org/docs/react-component.html#shouldcomponentupdate\n  function\n  shouldComponentUpdate(nextProps, nextState) {\n    return !areEqual(this.props, nextProps) ||\n    shallowDiffers(this.state, nextState);\n  }\n  }\n  export { VariableSizeGrid, VariableSizeList, FixedSizeGrid,\n  FixedSizeList, areEqual, shouldComponentUpdate };\n  // # sourceMappingURL=index.esm.js.map\n  /**\n  * Copyright (c) Facebook, Inc. and its affiliates.\n  * This source code is licensed under the MIT license found in\n  the\n  * LICENSE file in the root directory of this source tree.\n  * @flow\n  */\n  import escapeStringRegExp\n  from 'escape-string-regexp';\n  import { meta } from '../hydration';\n  import { formatDataForPreview } from\n  '../utils';\n  import isArray from 'react-devtools-shared/src/isArray';\n  import type { HooksTree } from 'react-debug-\n  tools/src/ReactDebugHooks';\n  export function alphaSortEntries(\n  entryA: [string, mixed],\n  entryB: [string,

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mixed],\n): number {\n  const a = entryA[0];\n  const b = entryB[0];\n  if (String(+a) === a) {\n    if (String(+b) !==
b) {\n      return -1;\n    }\n    return +a < +b ? -1 : 1;\n  }\n  return a < b ? -1 : 1;\n}\n\n\nexport function
createRegExp(string: string): RegExp {\n  // Allow /regex/ syntax with optional last ^\n  if (string[0] === '/') {\n    //
Cut off first slash\n    string = string.substr(1);\n    // Cut off last slash, but only if it's there\n    if
(string[string.length - 1] === '/') {\n      string = string.substr(0, string.length - 1);\n    }\n    try {\n      return new
RegExp(string, 'i');\n    } catch (err) {\n      // Bad regex. Make it not match anything.\n      // TODO: maybe warn in
console?\n      return new RegExp('.^');\n    }\n  }\n}\n\nfunction isLetter(char: string) {\n  return char.toLowerCase()
!== char.toUpperCase();\n}\n\nfunction matchAnyCase(char: string) {\n  if (!isLetter(char)) {\n    // Don't mess
with special characters like [.]\n    return char;\n  }\n  return '[' + char.toLowerCase() + char.toUpperCase() + ']';\n}\n\n// 'item' should match 'Item' and 'ListItem', but not 'InviteMom'.\n// To do this, we'll slice off 'tem' and check
first letter separately.\nconst escaped = escapeStringRegExp(string);\nconst firstChar = escaped[0];\nlet
restRegex = ""; // For 'item' input, restRegex becomes '[tT][eE][mM]'\n// We can't simply make it case-insensitive
because first letter case matters.\nfor (let i = 1; i < escaped.length; i++) {\n  restRegex +=
matchAnyCase(escaped[i]);\n}\n\nif (!isLetter(firstChar)) {\n  // We can't put a non-character like [ in a group\n
// so we fall back to the simple case.\n  return new RegExp(firstChar + restRegex);\n}\n\n// Construct a smarter
regex.\nreturn new RegExp(\n  // For example:\n  // (^[iI]l)[tT][eE][mM]\n  // Matches:\n  // 'Item'\n  //
'ListItem'\n  // but not 'InviteMom'\n  '(' +\n    matchAnyCase(firstChar) +\n    '[' +\n      firstChar.toUpperCase() +\n      ']' +\n      restRegex,\n  );\n}\n\n\nexport function getMetaValueLabel(data: Object):
string | null {\n  if (hasOwnProperty.call(data, meta.preview_long)) {\n    return data[meta.preview_long];\n  } else
{\n    return formatDataForPreview(data, true);\n  }\n}\n\n\nfunction sanitize(data: Object): void {\n  for (const key in
data) {\n    const value = data[key];\n\n    if (value && value[meta.type]) {\n      data[key] =
getMetaValueLabel(value);\n    } else if (value !== null) {\n      if (isArray(value)) {\n        sanitize(value);\n      } else
if (typeof value === 'object') {\n        sanitize(value);\n      }\n    }\n  }\n}\n\n\nexport function
serializeDataForCopy(props: Object): string {\n  const cloned = Object.assign({}, props);\n  sanitize(cloned);\n\n  try {\n    return JSON.stringify(cloned, null, 2);\n  } catch (error) {\n    return "";\n  }\n}\n\n\nexport function
serializeHooksForCopy(hooks: HooksTree | null): string {\n  // $FlowFixMe \"HooksTree is not an object\"\n  const
cloned = Object.assign([], hooks);\n\n  const queue = [...cloned];\n\n  while (queue.length > 0) {\n    const current =
queue.pop();\n\n    // These aren't meaningful\n    delete current.id;\n    delete current.isStateEditable;\n\n    if
(current.subHooks.length > 0) {\n      queue.push(...current.subHooks);\n    }\n  }\n\n  sanitize(cloned);\n\n  try {\n    return JSON.stringify(cloned, null, 2);\n  } catch (error) {\n    return "";\n  }\n}\n\n\n// Keeping this in memory seems
to be enough to enable the browser to download larger profiles.\n// Without this, we would see a \"Download failed:
network error\" failure.\nlet downloadUrl = null;\n\n\nexport function downloadFile(\n  element:
HTMLAnchorElement,\n  filename: string,\n  text: string,\n): void {\n  const blob = new Blob([text], {type:
'text/plain;charset=utf-8'});\n\n  if (downloadUrl !== null) {\n    URL.revokeObjectURL(downloadUrl);\n  }\n\n  downloadUrl = URL.createObjectURL(blob);\n\n  element.setAttribute('href', downloadUrl);\n\n  element.setAttribute('download', filename);\n\n  element.click();\n}\n\n\nexport function truncateText(text: string,
maxLength: number): string {\n  const {length} = text;\n  if (length > maxLength) {\n    return (\n      text.substr(0,
Math.floor(maxLength / 2)) +\n      '...' +\n      text.substr(length - Math.ceil(maxLength / 2) - 1)\n    );\n  } else {\n    return text;\n  }\n}\n\n\n/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed
under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n * @flow\n */\n\n\n// This context combines tree/selection state, search, and the owners stack.\n// These values are managed
together because changes in one often impact the others.\n// Combining them enables us to avoid cascading
renders.\n\n\n// Changes to search state may impact tree state.\n// For example, updating the selected search result
also updates the tree's selected value.\n// Search does not fundamentally change the tree though.\n// It is also
possible to update the selected tree value independently.\n\n\n// Changes to owners state mask search and tree
values.\n// When owners stack is not empty, search is temporarily disabled,\n// and tree values (e.g. num elements,
selected element) are masked.\n// Both tree and search values are restored when the owners stack is cleared.\n\n\n// For this reason, changes to the tree context are processed in sequence: tree -> search -> owners\n// This enables each

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section to potentially override (or mask) previous values.\n\nimport * as React from 'react';\nimport {\n  createContext,\n  useCallback,\n  useContext,\n  useEffect,\n  useLayoutEffect,\n  useMemo,\n  useReducer,\n  useRef,\n  startTransition,\n} from 'react';\nimport { createRegExp } from '../utils';\nimport { BridgeContext,\n  StoreContext } from '../context';\nimport Store from '../store';\nimport type { Element } from './types';\n\nexport\n  type StateContext = {\n    // Tree\n    numElements: number,\n    ownerSubtreeLeafElementID: number | null,\n    selectedElementID: number | null,\n    selectedElementIndex: number | null,\n    // Search\n    searchIndex: number | null,\n    searchResults: Array<number>,\n    searchText: string,\n    // Owners\n    ownerID: number | null,\n    ownerFlatTree: Array<Element> | null,\n    // Inspection element panel\n    inspectedElementID: number | null,\n  };\n\n  type ACTION_GO_TO_NEXT_SEARCH_RESULT = {\n    type:\n      'GO_TO_NEXT_SEARCH_RESULT',\n  };\n  type ACTION_GO_TO_PREVIOUS_SEARCH_RESULT = {\n    type: 'GO_TO_PREVIOUS_SEARCH_RESULT',\n  };\n  type ACTION_HANDLE_STORE_MUTATION = {\n    type: 'HANDLE_STORE_MUTATION',\n    payload: [Array<number>, Map<number, number>],\n  };\n  type ACTION_RESET_OWNER_STACK = {\n    type: 'RESET_OWNER_STACK',\n  };\n  type ACTION_SELECT_CHILD_ELEMENT_IN_TREE = {\n    type:\n      'SELECT_CHILD_ELEMENT_IN_TREE',\n  };\n  type ACTION_SELECT_ELEMENT_AT_INDEX = {\n    type: 'SELECT_ELEMENT_AT_INDEX',\n    payload: number | null,\n  };\n  type ACTION_SELECT_ELEMENT_BY_ID = {\n    type: 'SELECT_ELEMENT_BY_ID',\n    payload: number | null,\n  };\n  type ACTION_SELECT_NEXT_ELEMENT_IN_TREE = {\n    type:\n      'SELECT_NEXT_ELEMENT_IN_TREE',\n  };\n  type ACTION_SELECT_NEXT_ELEMENT_WITH_ERROR_OR_WARNING_IN_TREE = {\n    type:\n      'SELECT_NEXT_ELEMENT_WITH_ERROR_OR_WARNING_IN_TREE',\n  };\n  type ACTION_SELECT_NEXT_SIBLING_IN_TREE = {\n    type: 'SELECT_NEXT_SIBLING_IN_TREE',\n  };\n  type ACTION_SELECT_OWNER = {\n    type: 'SELECT_OWNER',\n    payload: number,\n  };\n  type ACTION_SELECT_PARENT_ELEMENT_IN_TREE = {\n    type:\n      'SELECT_PARENT_ELEMENT_IN_TREE',\n  };\n  type ACTION_SELECT_PREVIOUS_ELEMENT_IN_TREE = {\n    type: 'SELECT_PREVIOUS_ELEMENT_IN_TREE',\n  };\n  type ACTION_SELECT_PREVIOUS_ELEMENT_WITH_ERROR_OR_WARNING_IN_TREE = {\n    type:\n      'SELECT_PREVIOUS_ELEMENT_WITH_ERROR_OR_WARNING_IN_TREE',\n  };\n  type ACTION_SELECT_PREVIOUS_SIBLING_IN_TREE = {\n    type:\n      'SELECT_PREVIOUS_SIBLING_IN_TREE',\n  };\n  type ACTION_SELECT_OWNER_LIST_NEXT_ELEMENT_IN_TREE = {\n    type:\n      'SELECT_OWNER_LIST_NEXT_ELEMENT_IN_TREE',\n  };\n  type ACTION_SELECT_OWNER_LIST_PREVIOUS_ELEMENT_IN_TREE = {\n    type:\n      'SELECT_OWNER_LIST_PREVIOUS_ELEMENT_IN_TREE',\n  };\n  type ACTION_SET_SEARCH_TEXT = {\n    type: 'SET_SEARCH_TEXT',\n    payload: string,\n  };\n  type ACTION_UPDATE_INSPECTED_ELEMENT_ID = {\n    type: 'UPDATE_INSPECTED_ELEMENT_ID',\n  };\n\n  Action =\n    | ACTION_GO_TO_NEXT_SEARCH_RESULT\n    | ACTION_GO_TO_PREVIOUS_SEARCH_RESULT\n    | ACTION_HANDLE_STORE_MUTATION\n    | ACTION_RESET_OWNER_STACK\n    | ACTION_SELECT_CHILD_ELEMENT_IN_TREE\n    | ACTION_SELECT_ELEMENT_AT_INDEX\n    | ACTION_SELECT_ELEMENT_BY_ID\n    | ACTION_SELECT_NEXT_ELEMENT_IN_TREE\n    | ACTION_SELECT_NEXT_ELEMENT_WITH_ERROR_OR_WARNING_IN_TREE\n    | ACTION_SELECT_NEXT_SIBLING_IN_TREE\n    | ACTION_SELECT_OWNER\n    | ACTION_SELECT_PARENT_ELEMENT_IN_TREE\n    | ACTION_SELECT_PREVIOUS_ELEMENT_IN_TREE\n    | ACTION_SELECT_PREVIOUS_ELEMENT_WITH_ERROR_OR_WARNING_IN_TREE\n    | ACTION_SELECT_PREVIOUS_SIBLING_IN_TREE\n    | ACTION_SELECT_OWNER_LIST_NEXT_ELEMENT_IN_TREE\n    | ACTION_SELECT_OWNER_LIST_PREVIOUS_ELEMENT_IN_TREE\n    | ACTION_SET_SEARCH_TEXT\n    | ACTION_UPDATE_INSPECTED_ELEMENT_ID

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ACTION_UPDATE_INSPECTED_ELEMENT_ID;\n\nexport type DispatcherContext = (action: Action) =>
void;\n\nconst TreeStateContext = createContext<StateContext>(\n ((null: any):
StateContext),\n);\n\nTreeStateContext.displayName = 'TreeStateContext';\n\nconst TreeDispatcherContext =
createContext<DispatcherContext>(\n ((null: any): DispatcherContext),\n);\n\nTreeDispatcherContext.displayName =
'TreeDispatcherContext';\n\n\ntype State = {\n // Tree\n numElements: number,\n ownerSubtreeLeafElementID:
number | null,\n selectedElementID: number | null,\n selectedElementIndex: number | null,\n\n // Search\n
searchIndex: number | null,\n searchResults: Array<number>,\n searchText: string,\n\n // Owners\n ownerID:
number | null,\n ownerFlatTree: Array<Element> | null,\n\n // Inspection element panel\n inspectedElementID:
number | null,\n};\n\nfunction reduceTreeState(store: Store, state: State, action: Action): State {\n let {\n
numElements,\n ownerSubtreeLeafElementID,\n selectedElementIndex,\n selectedElementID,\n } = state;\n
const ownerID = state.ownerID;\n\n let lookupIDForIndex = true;\n\n // Base tree should ignore selected element
changes when the owner's tree is active.\n if (ownerID === null) {\n switch (action.type) {\n case
'HANDLE_STORE_MUTATION':\n numElements = store.numElements;\n\n // If the currently-selected
Element has been removed from the tree, update selection state.\n const removedIDs = action.payload[1];\n
// Find the closest parent that wasn't removed during this batch.\n // We deduce the parent-child mapping from
removedIDs (id -> parentID)\n // because by now it's too late to read them from the store.\n while (\n
selectedElementID !== null &&\n removedIDs.has(selectedElementID)\n ) {\n selectedElementID =
((removedIDs.get(\n selectedElementID,\n ): any): number);\n } \n if (selectedElementID ===
0) {\n // The whole root was removed.\n selectedElementIndex = null;\n } \n break;\n case
'SELECT_CHILD_ELEMENT_IN_TREE':\n ownerSubtreeLeafElementID = null;\n\n if
(selectedElementIndex !== null) {\n const selectedElement = store.getElementAtIndex(\n
((selectedElementIndex: any): number),\n );\n if (\n selectedElement !== null &&\n
selectedElement.children.length > 0 &&\n !selectedElement.isCollapsed\n ) {\n const
firstChildID = selectedElement.children[0];\n const firstChildIndex =
store.getIndexOfElementID(firstChildID);\n if (firstChildIndex !== null) {\n selectedElementIndex =
firstChildIndex;\n } \n } \n } \n break;\n case 'SELECT_ELEMENT_AT_INDEX':\n
ownerSubtreeLeafElementID = null;\n\n selectedElementIndex = (action:
ACTION_SELECT_ELEMENT_AT_INDEX).payload;\n break;\n case 'SELECT_ELEMENT_BY_ID':\n
ownerSubtreeLeafElementID = null;\n\n // Skip lookup in this case; it would be redundant.\n // It might
also cause problems if the specified element was inside of a (not yet expanded) subtree.\n lookupIDForIndex =
false;\n\n selectedElementID = (action: ACTION_SELECT_ELEMENT_BY_ID).payload;\n
selectedElementIndex = \n selectedElementID === null\n ? null\n :
store.getIndexOfElementID(selectedElementID);\n break;\n case
'SELECT_NEXT_ELEMENT_IN_TREE':\n ownerSubtreeLeafElementID = null;\n\n if (\n
selectedElementIndex === null ||\n selectedElementIndex + 1 >= numElements\n ) {\n
selectedElementIndex = 0;\n } else {\n selectedElementIndex++;\n } \n break;\n case
'SELECT_NEXT_SIBLING_IN_TREE':\n ownerSubtreeLeafElementID = null;\n\n if
(selectedElementIndex !== null) {\n const selectedElement = store.getElementAtIndex(\n
((selectedElementIndex: any): number),\n );\n if (selectedElement !== null &&
selectedElement.parentID !== 0) {\n const parent = store.getElementByID(selectedElement.parentID);\n
if (parent !== null) {\n const {children} = parent;\n const selectedChildIndex =
children.indexOf(selectedElement.id);\n const nextChildID =\n selectedChildIndex <
children.length - 1\n ? children[selectedChildIndex + 1]\n : children[0];\n
selectedElementIndex = store.getIndexOfElementID(nextChildID);\n } \n } \n } \n break;\n
case 'SELECT_OWNER_LIST_NEXT_ELEMENT_IN_TREE':\n if (selectedElementIndex !== null) {\n
if (\n ownerSubtreeLeafElementID !== null &&\n ownerSubtreeLeafElementID !==
selectedElementID\n ) {\n const leafElement = store.getElementByID(ownerSubtreeLeafElementID);\n
if (leafElement !== null) {\n let currentElement = leafElement;\n while (currentElement !==

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null) {\n          if (currentElement.ownerID === selectedElementID) {\n              selectedElementIndex =
store.getIndexOfElementID(\n          currentElement.id,\n          );\n          break;\n          } else if
(currentElement.ownerID !== 0) {\n          currentElement =
store.getElementByID(currentElement.ownerID);\n          }\n          }\n          }\n          }\n          }\n
break;\n  case 'SELECT_OWNER_LIST_PREVIOUS_ELEMENT_IN_TREE':\n      if (selectedElementIndex
!== null) {\n          if (ownerSubtreeLeafElementID === null) {\n          // If this is the first time we're stepping
through the owners tree,\n          // pin the current component as the owners list leaf.\n          // This will enable us
to step back down to this component.\n          ownerSubtreeLeafElementID = selectedElementID;\n          }\n          \n
const selectedElement = store.getElementAtIndex(\n          ((selectedElementIndex: any): number),\n          );\n
if (selectedElement !== null && selectedElement.ownerID !== 0) {\n          const ownerIndex =
store.getIndexOfElementID(\n          selectedElement.ownerID,\n          );\n          if (ownerIndex !== null) {\n
              selectedElementIndex = ownerIndex;\n          }\n          }\n          }\n          break;\n  case
'SELECT_PARENT_ELEMENT_IN_TREE':\n      ownerSubtreeLeafElementID = null;\n          \n      if
(selectedElementIndex !== null) {\n          const selectedElement = store.getElementAtIndex(\n
((selectedElementIndex: any): number),\n          );\n          if (selectedElement !== null &&
selectedElement.parentID !== 0) {\n          const parentIndex = store.getIndexOfElementID(\n
selectedElement.parentID,\n          );\n          if (parentIndex !== null) {\n          selectedElementIndex =
parentIndex;\n          }\n          }\n          }\n          break;\n  case 'SELECT_PREVIOUS_ELEMENT_IN_TREE':\n
      ownerSubtreeLeafElementID = null;\n          \n      if (selectedElementIndex === null || selectedElementIndex === 0)
{\n          selectedElementIndex = numElements - 1;\n          } else {\n          selectedElementIndex--;\n          }\n
break;\n  case 'SELECT_PREVIOUS_SIBLING_IN_TREE':\n      ownerSubtreeLeafElementID = null;\n          \n
if (selectedElementIndex !== null) {\n          const selectedElement = store.getElementAtIndex(\n
((selectedElementIndex: any): number),\n          );\n          if (selectedElement !== null &&
selectedElement.parentID !== 0) {\n          const parent = store.getElementByID(selectedElement.parentID);\n
          if (parent !== null) {\n          const {children} = parent;\n          const selectedChildIndex =
children.indexOf(selectedElement.id);\n          const nextChildID =\n          selectedChildIndex > 0\n
? children[selectedChildIndex - 1]\n          : children[children.length - 1];\n          selectedElementIndex =
store.getIndexOfElementID(nextChildID);\n          }\n          }\n          }\n          break;\n  case
'SELECT_PREVIOUS_ELEMENT_WITH_ERROR_OR_WARNING_IN_TREE': {\n      if (store.errorCount
=== 0 && store.warningCount === 0) {\n          return state;\n          }\n          \n      const
elementIndicesWithErrorsOrWarnings = store.getElementsWithErrorsAndWarnings();\n          \n      let flatIndex = 0;\n
          if (selectedElementIndex !== null) {\n          // Resume from the current position in the list.\n          // Otherwise
step to the previous item, relative to the current selection.\n          for (\n          let i =
elementIndicesWithErrorsOrWarnings.length - 1;\n          i >= 0;\n          i--\n          ) {\n          const {index} =
elementIndicesWithErrorsOrWarnings[i];\n          if (index >= selectedElementIndex) {\n          flatIndex = i;\n
          } else {\n          break;\n          }\n          }\n          }\n          \n      let prevEntry;\n          if (flatIndex === 0) {\n
prevEntry =\n          elementIndicesWithErrorsOrWarnings[\n
elementIndicesWithErrorsOrWarnings.length - 1\n          ];\n          selectedElementID = prevEntry.id;\n
          selectedElementIndex = prevEntry.index;\n          } else {\n          prevEntry =
elementIndicesWithErrorsOrWarnings[flatIndex - 1];\n          selectedElementID = prevEntry.id;\n
          selectedElementIndex = prevEntry.index;\n          }\n          \n      lookupIDForIndex = false;\n          break;\n          }\n      case
'SELECT_NEXT_ELEMENT_WITH_ERROR_OR_WARNING_IN_TREE': {\n          if (store.errorCount === 0
&& store.warningCount === 0) {\n          return state;\n          }\n          \n      const elementIndicesWithErrorsOrWarnings
= store.getElementsWithErrorsAndWarnings();\n          \n      let flatIndex = -1;\n          if (selectedElementIndex !== null)
{\n          // Resume from the current position in the list.\n          // Otherwise step to the next item, relative to the
current selection.\n          for (let i = 0; i < elementIndicesWithErrorsOrWarnings.length; i++) {\n          const
{index} = elementIndicesWithErrorsOrWarnings[i];\n          if (index <= selectedElementIndex) {\n
          flatIndex = i;\n          } else {\n          break;\n          }\n          }\n          }\n          \n      let nextEntry;\n          if (flatIndex

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>= elementIndicesWithErrorsOrWarnings.length - 1) {\n      nextEntry =
elementIndicesWithErrorsOrWarnings[0];\n      selectedElementID = nextEntry.id;\n      selectedElementIndex
= nextEntry.index;\n    } else {\n      nextEntry = elementIndicesWithErrorsOrWarnings[flatIndex + 1];\n
selectedElementID = nextEntry.id;\n      selectedElementIndex = nextEntry.index;\n    }\n\n
lookupIDForIndex = false;\n    break;\n  }\n  default:\n    // React can bailout of no-op updates.\n
return state;\n  }\n  }\n\n // Keep selected item ID and index in sync.\n  if (lookupIDForIndex &&
selectedElementIndex !== state.selectedElementIndex) {\n    if (selectedElementIndex === null) {\n
selectedElementID = null;\n    } else {\n      selectedElementID = store.getElementIDAtIndex(\n
((selectedElementIndex: any): number),\n      );\n    }\n  }\n\n  return {\n    ...state,\n\n    numElements,\n
ownerSubtreeLeafElementID,\n    selectedElementIndex,\n    selectedElementID,\n  };\n}\n\nfunction
reduceSearchState(store: Store, state: State, action: Action): State {\n  let {\n    searchIndex,\n    searchResults,\n
searchText,\n    selectedElementID,\n    selectedElementIndex,\n  } = state;\n  const ownerId = state.ownerID;\n
const prevSearchIndex = searchIndex;\n  const prevSearchText = searchText;\n  const numPrevSearchResults =
searchResults.length;\n\n  // We track explicitly whether search was requested because\n  // we might want to search
even if search index didn't change.\n  // For example, if you press "next result" on a search with a single\n  // result
but a different current selection, we'll set this to true.\n  let didRequestSearch = false;\n\n  // Search isn't supported
when the owner's tree is active.\n  if (ownerID === null) {\n    switch (action.type) {\n      case
'GO_TO_NEXT_SEARCH_RESULT':\n        if (numPrevSearchResults > 0) {\n          didRequestSearch = true;\n
          searchIndex =\n            searchIndex + 1 < numPrevSearchResults ? searchIndex + 1 : 0;\n          }\n          break;\n
      case 'GO_TO_PREVIOUS_SEARCH_RESULT':\n        if (numPrevSearchResults > 0) {\n          didRequestSearch
= true;\n          searchIndex =\n            ((searchIndex: any): number) > 0\n              ? ((searchIndex: any): number) -
1\n              : numPrevSearchResults - 1;\n          }\n          break;\n      case 'HANDLE_STORE_MUTATION':\n        if
(searchText !== "") {\n          const [\n            addedElementIDs,\n            removedElementIDs,\n          ] = (action:
ACTION_HANDLE_STORE_MUTATION).payload;\n\n          removedElementIDs.forEach((parentID, id) => {\n
            // Prune this item from the search results.\n            const index = searchResults.indexOf(id);\n            if (index
>= 0) {\n              searchResults = searchResults\n                .slice(0, index)\n
                .concat(searchResults.slice(index + 1));\n            }\n            // If the results are now empty, also deselect things.\n            if
(searchResults.length === 0) {\n              searchIndex = null;\n            } else if (((searchIndex: any): number) >=
searchResults.length) {\n              searchIndex = searchResults.length - 1;\n            }\n          });\n\n          addedElementIDs.forEach(id => {\n            const element = ((store.getElementByID(id): any): Element);\n
            // It's possible that multiple tree operations will fire before this action has run.\n            // So it's important to check
for elements that may have been added and then removed.\n            if (element !== null) {\n              const
{displayName} = element;\n\n              // Add this item to the search results if it matches.\n              const regExp =
createRegExp(searchText);\n              if (displayName !== null && regExp.test(displayName)) {\n                const
newElementIndex = ((store.getIndexOfElementID(\n                  id,\n                ): any): number);\n                let
foundMatch = false;\n                for (let index = 0; index < searchResults.length; index++) {\n                  const
resultID = searchResults[index];\n                  if (\n                    newElementIndex <\n
                    ((store.getIndexOfElementID(resultID): any): number)\n                  ) {\n                    foundMatch = true;\n
                    searchResults = searchResults\n                      .slice(0, index)\n                      .concat(resultID)\n
                    .concat(searchResults.slice(index));\n                    break;\n                  }\n                }\n                if (!foundMatch) {\n
                  searchResults = searchResults.concat(id);\n                }\n                searchIndex = searchIndex === null ?
0 : searchIndex;\n              }\n            }\n          });\n          break;\n      case 'SET_SEARCH_TEXT':\n        searchIndex = null;\n        searchResults = [];\n        searchText = (action:
ACTION_SET_SEARCH_TEXT).payload;\n        if (searchText !== "") {\n          const regExp =
createRegExp(searchText);\n          store.roots.forEach(rootID => {\n            recursivelySearchTree(store, rootID,
regExp, searchResults);\n          });\n          if (searchResults.length > 0) {\n            if (prevSearchIndex === null) {\n
              if (selectedElementIndex !== null) {\n                searchIndex = getNearestResultIndex(\n                  store,\n
                  searchResults,\n                  selectedElementIndex,\n                );\n              } else {\n                searchIndex =

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0;\n      }\n    } else {\n      searchIndex = Math.min(\n        ((prevSearchIndex: any): number),\n        searchResults.length - 1,\n        );\n      }\n    }\n    break;\n    default:\n      // React can bailout of no-op updates.\n      return state;\n    }\n  }\n  if (searchText !== prevSearchText) {\n    const\n    newSearchIndex = searchResults.indexOf(selectedElementID);\n    if (newSearchIndex === -1) {\n      // Only move the selection if the new query\n      // doesn't match the current selection anymore.\n      didRequestSearch = true;\n    } else {\n      // Selected item still matches the new search query.\n      // Adjust the index to reflect its position in new results.\n      searchIndex = newSearchIndex;\n    }\n  }\n  if (didRequestSearch && searchIndex !== null) {\n    selectedElementID = ((searchResults[searchIndex]: any): number);\n    selectedElementIndex =\n    store.getIndexOfElementID(\n      ((selectedElementID: any): number),\n      );\n  }\n  return {\n    ...state,\n    selectedElementID,\n    selectedElementIndex,\n    searchIndex,\n    searchResults,\n    searchText,\n  };\n}\n\nfunction reduceOwnersState(store: Store, state: State, action: Action): State {\n  let {\n    numElements,\n    selectedElementID,\n    selectedElementIndex,\n    ownerID,\n    ownerFlatTree,\n  } = state;\n  const {searchIndex,\n    searchResults,\n    searchText} = state;\n\n  let prevSelectedElementIndex = selectedElementIndex;\n\n  switch (action.type) {\n    case 'HANDLE_STORE_MUTATION':\n      if (ownerID !== null) {\n        if (!store.containsElement(ownerID)) {\n          ownerID = null;\n          ownerFlatTree = null;\n          selectedElementID = null;\n        } else {\n          ownerFlatTree = store.getOwnersListForElement(ownerID);\n          if (selectedElementID !== null) {\n            // Mutation might have caused the index of this ID to shift.\n            selectedElementIndex = ownerFlatTree.findIndex(\n              element => element.id === selectedElementID,\n            );\n          }\n        }\n      } else {\n        if (selectedElementID !== null) {\n          // Mutation might have caused the index of this ID to shift.\n          selectedElementIndex = store.getIndexOfElementID(selectedElementID);\n        }\n        if (selectedElementIndex === -1) {\n          // If we couldn't find this ID after mutation, unselect it.\n          selectedElementIndex = null;\n          selectedElementID = null;\n        }\n        break;\n      }\n    case 'RESET_OWNER_STACK':\n      ownerID = null;\n      ownerFlatTree = null;\n      selectedElementIndex =\n      selectedElementID !== null\n        ? store.getIndexOfElementID(selectedElementID)\n        : null;\n      break;\n    case 'SELECT_ELEMENT_AT_INDEX':\n      if (ownerFlatTree !== null) {\n        selectedElementIndex = (action:\n        ACTION_SELECT_ELEMENT_AT_INDEX).payload;\n      }\n      break;\n    case 'SELECT_ELEMENT_BY_ID':\n      if (ownerFlatTree !== null) {\n        const payload = (action:\n        ACTION_SELECT_ELEMENT_BY_ID).payload;\n        if (payload === null) {\n          selectedElementIndex =\n          null;\n        } else {\n          selectedElementIndex = ownerFlatTree.findIndex(\n            element => element.id ===\n            payload,\n          );\n          // If the selected element is outside of the current owners list,\n          // exit the list and select the element in the main tree.\n          // This supports features like toggling Suspense.\n          if (selectedElementIndex !== null && selectedElementIndex < 0) {\n            ownerID = null;\n            ownerFlatTree =\n            null;\n            selectedElementIndex = store.getIndexOfElementID(payload);\n          }\n        }\n        break;\n      }\n    case 'SELECT_NEXT_ELEMENT_IN_TREE':\n      if (ownerFlatTree !== null &&\n      ownerFlatTree.length > 0) {\n        if (selectedElementIndex === null) {\n          selectedElementIndex = 0;\n        }\n        else if (selectedElementIndex + 1 < ownerFlatTree.length) {\n          selectedElementIndex++;\n        }\n      }\n      break;\n    case 'SELECT_PREVIOUS_ELEMENT_IN_TREE':\n      if (ownerFlatTree !== null &&\n      ownerFlatTree.length > 0) {\n        if (selectedElementIndex !== null && selectedElementIndex > 0) {\n          selectedElementIndex--;\n        }\n      }\n      break;\n    case 'SELECT_OWNER':\n      // If the Store doesn't have any owners metadata, don't drill into an empty stack.\n      // This is a confusing user experience.\n      if (store.hasOwnerMetadata) {\n        ownerID = (action: ACTION_SELECT_OWNER).payload;\n        ownerFlatTree = store.getOwnersListForElement(ownerID);\n        // Always force reset selection to be the top of the new owner tree.\n        selectedElementIndex = 0;\n        prevSelectedElementIndex = null;\n      }\n      break;\n    default:\n      // React can bailout of no-op updates.\n      return state;\n  }\n\n  // Changes in the selected owner require re-calculating the owners tree.\n  if (ownerFlatTree !== state.ownerFlatTree ||\n  action.type === 'HANDLE_STORE_MUTATION') {\n    if (ownerFlatTree === null) {\n      numElements =\n      store.numElements;\n    } else {\n      numElements = ownerFlatTree.length;\n    }\n  }\n\n  // Keep selected item ID and index in sync.\n  if (selectedElementIndex !== prevSelectedElementIndex) {\n    if (selectedElementIndex ===

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is inside of a collapsed subtree, auto expand it.\n // This needs to be a layout effect to avoid temporarily flashing an
incorrect selection.\n const prevSelectedElementID = useRef<number | null>(null);\n useLayoutEffect(() => {\n
if (state.selectedElementID !== prevSelectedElementID.current) {\n   prevSelectedElementID.current =
state.selectedElementID;\n\n   if (state.selectedElementID !== null) {\n     const element =
store.getElementByID(state.selectedElementID);\n     if (element !== null && element.parentID > 0) {\n
store.toggleIsCollapsed(element.parentID, false);\n     }\n   }\n }\n }, [state.selectedElementID, store]);\n\n //
Mutations to the underlying tree may impact this context (e.g. search results, selection state).\n useEffect(() => {\n
const handleStoreMutated = ([addedElementIDs, removedElementIDs]: [\n   Array<number>,\n   Map<number,
number>,\n ]) => {\n   dispatchWrapper({\n     type: 'HANDLE_STORE_MUTATION',\n     payload:
[addedElementIDs, removedElementIDs],\n   });\n }; \n\n   // Since this is a passive effect, the tree may have
been mutated before our initial subscription.\n   if (store.revision !== initialRevision) {\n     // At the moment, we
can treat this as a mutation.\n     // We don't know which Elements were newly added/removed, but that should be
okay in this case.\n     // It would only impact the search state, which is unlikely to exist yet at this point.\n
dispatchWrapper({\n     type: 'HANDLE_STORE_MUTATION',\n     payload: [], new Map(),\n   });\n }\n\n   store.addListener('mutated', handleStoreMutated);\n\n   return () => store.removeListener('mutated',
handleStoreMutated);\n }, [dispatchWrapper, initialRevision, store]);\n\n return (\n   <TreeStateContext.Provider
value={state}>\n     <TreeDispatcherContext.Provider value={dispatchWrapper}>\n       {children}\n
</TreeDispatcherContext.Provider>\n   </TreeStateContext.Provider>\n );\n\nfunction recursivelySearchTree(\n
store: Store,\n elementID: number,\n regExp: RegExp,\n searchResults: Array<number>,\n): void {\n const
{children, displayName, hocDisplayNames} = ((store.getElementByID(\n   elementID,\n ): any): Element);\n\n if
(displayName !== null && regExp.test(displayName) === true) {\n   searchResults.push(elementID);\n } else if (\n
hocDisplayNames !== null &&\n   hocDisplayNames.length > 0 &&\n   hocDisplayNames.some(name =>\n
regExp.test(name)) === true\n ) {\n   searchResults.push(elementID);\n }\n\n children.forEach(childID =>\n
recursivelySearchTree(store, childID, regExp, searchResults),\n );\n\n}\n\nfunction getNearestResultIndex(\n
store: Store,\n searchResults: Array<number>,\n selectedElementIndex: number,\n): number {\n const index =
searchResults.findIndex(id => {\n   const innerIndex = store.getIndexOfElementID(id);\n   return innerIndex !==
null && innerIndex >= selectedElementIndex;\n });\n\n return index === -1 ? 0 : index;\n}\n\nexport
{TreeDispatcherContext, TreeStateContext, TreeContextController};\n\n", "/*\n * Copyright (c) Facebook, Inc. and
its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root
directory of this source tree.\n * @flow\n */\n\nimport * as React from 'react';\n\nimport styles from
'./Icon.css';\n\nexport type IconType =\n | 'arrow'\n | 'bug'\n | 'code'\n | 'components'\n | 'copy'\n | 'error'\n |
'facebook'\n | 'flame-chart'\n | 'profiler'\n | 'ranked-chart'\n | 'timeline'\n | 'search'\n | 'settings'\n | 'store-as-global-
variable'\n | 'strict-mode-non-compliant'\n | 'warning';\n\ntype Props = {\n   className?: string,\n   title?: string,\n
type: IconType,\n};\n\nexport default function Icon({className = "", title = "", type}: Props) {\n let pathData =
null;\n switch (type) {\n   case 'arrow':\n     pathData = PATH_ARROW;\n     break;\n   case 'bug':\n     pathData =
PATH_BUG;\n     break;\n   case 'code':\n     pathData = PATH_CODE;\n     break;\n   case 'components':\n
pathData = PATH_COMPONENTS;\n     break;\n   case 'copy':\n     pathData = PATH_COPY;\n     break;\n   case
'error':\n     pathData = PATH_ERROR;\n     break;\n   case 'facebook':\n     pathData = PATH_FACEBOOK;\n     break;\n
case 'flame-chart':\n     pathData = PATH_FLAME_CHART;\n     break;\n   case 'profiler':\n     pathData = PATH_PROFILER;\n
break;\n   case 'ranked-chart':\n     pathData = PATH_RANKED_CHART;\n     break;\n   case 'timeline':\n     pathData =
PATH_SCHEDULING_PROFILER;\n     break;\n   case 'search':\n     pathData = PATH_SEARCH;\n     break;\n   case
'settings':\n     pathData = PATH_SETTINGS;\n     break;\n   case 'store-as-global-variable':\n     pathData =
PATH_STORE_AS_GLOBAL_VARIABLE;\n     break;\n   case 'strict-mode-non-compliant':\n     pathData =
PATH_STRICT_MODE_NON_COMPLIANT;\n     break;\n   case 'warning':\n     pathData = PATH_WARNING;\n     break;\n
default:\n     console.warn(`Unsupported type \`${type}\` specified for Icon`);\n     break;\n }\n\n return (\n
<svg\n   xmlns="http://www.w3.org/2000/svg"\n   className={` ${styles.Icon} ${className} `}\n   width="24"\n   height="24"\n   viewBox="0 0 24 24">\n

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LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport throttle from
'lodash.throttle';\nimport {\n useCallback,\n useEffect,\n useLayoutEffect,\n useReducer,\n useState,\n useContext,\n} from 'react';\nimport {\n localStorage.getItem,\n localStorage.setItem,\n} from 'react-devtools-shared/src/storage';\nimport {StoreContext, BridgeContext} from './context';\nimport {sanitizeForParse, smartParse, smartStringify} from './utils';\n\ntype ACTION_RESET = {\n type: 'RESET',\n externalValue: any,\n};\ntype ACTION_UPDATE = {\n type: 'UPDATE',\n editableValue: any,\n externalValue: any,\n};\ntype UseEditableValueAction = ACTION_RESET | ACTION_UPDATE;\ntype UseEditableValueDispatch = (action: UseEditableValueAction) => void;\ntype UseEditableValueState = {\n editableValue: any,\n externalValue: any,\n hasPendingChanges: boolean,\n isValid: boolean,\n parsedValue: any,\n};\n\nfunction useEditableValueReducer(state, action) {\n switch (action.type) {\n case 'RESET':\n return {\n ...state,\n editableValue: smartStringify(action.externalValue),\n externalValue: action.externalValue,\n hasPendingChanges: false,\n isValid: true,\n parsedValue: action.externalValue,\n }; \n case 'UPDATE':\n let isNewValueValid = false;\n let newParsedValue;\n try {\n newParsedValue = smartParse(action.editableValue);\n isNewValueValid = true;\n } catch (error) {\n return {\n ...state,\n editableValue: sanitizeForParse(action.editableValue),\n externalValue: action.externalValue,\n hasPendingChanges: smartStringify(action.externalValue) !== action.editableValue,\n isValid: isNewValueValid,\n parsedValue: isNewValueValid ? newParsedValue : state.parsedValue,\n }; \n default:\n throw new Error(`Invalid action "${action.type}"`);\n }\n}\n\n// Convenience hook for working with an editable value that is validated via JSON.parse.\nexport function useEditableValue(\n externalValue: any,\n) : [UseEditableValueState, UseEditableValueDispatch] {\n const [state, dispatch] = useReducer<\n UseEditableValueState,\n UseEditableValueState,\n UseEditableValueAction,\n >(useEditableValueReducer, {\n editableValue: smartStringify(externalValue),\n externalValue,\n hasPendingChanges: false,\n isValid: true,\n parsedValue: externalValue,\n }); \n if (!Object.is(state.externalValue, externalValue)) {\n if (!state.hasPendingChanges) {\n dispatch({\n type: 'RESET',\n externalValue,\n }); \n } else {\n dispatch({\n type: 'UPDATE',\n editableValue: state.editableValue,\n externalValue,\n }); \n }\n }\n\n return [state, dispatch]; \n}\n\nexport function useIsOverflowing(\n containerRef: {current: HTMLDivElement | null, ...},\n totalChildWidth: number,\n) : boolean {\n const [isOverflowing, setIsOverflowing] = useState<boolean>(false);\n\n // It's important to use a layout effect, so that we avoid showing a flash of overflowed content.\n useLayoutEffect(() => {\n if (containerRef.current === null) {\n return () => {};\n }\n\n const container = ((containerRef.current: any): HTMLDivElement);\n\n const handleResize = throttle(\n () => setIsOverflowing(container.clientWidth <= totalChildWidth),\n 100,\n );\n\n handleResize();\n\n // It's important to listen to the ownerDocument.defaultView to support the browser extension.\n // Here we use portals to render individual tabs (e.g. Profiler),\n // and the root document might belong to a different window.\n const ownerWindow = container.ownerDocument.defaultView;\n ownerWindow.addEventListener('resize', handleResize);\n\n return () => ownerWindow.removeEventListener('resize', handleResize);\n }, [containerRef, totalChildWidth]);\n\n return isOverflowing; \n}\n\n// Forked from https://usehooks.com/useLocalStorage/\nexport function useLocalStorage<T>(\n key: string,\n initialValue: T | (() => T),\n) : [T, (value: T | (() => T)) => void] {\n const getValueFromLocalStorage = useCallback(() => {\n try {\n const item = localStorage.getItem(key);\n if (item !== null) {\n return JSON.parse(item);\n }\n } catch (error) {\n console.log(error);\n }\n\n if (typeof initialValue === 'function') {\n return ((initialValue: any): () => T)(); \n } else {\n return initialValue;\n }\n }, [initialValue, key]);\n\n const [storedValue, setStoredValue] = useState<any>(getValueFromLocalStorage);\n\n const setValue = useCallback(\n value => {\n try {\n const valueToStore =\n value instanceof Function ? (value: any)(storedValue) : value;\n setStoredValue(valueToStore);\n\n localStorage.setItem(key, JSON.stringify(valueToStore));\n\n // Notify listeners that this setting has changed.\n window.dispatchEvent(new Event(key)); \n } catch (error) {\n console.log(error);\n }\n },\n [key, storedValue],\n );\n\n // Listen for changes to this local storage value made from other windows.\n // This enables the e.g. " Elements" tab to update in response to changes from " Settings".\n useLayoutEffect(() => {\n const onStorage = event => {\n const newValue =

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getValueFromLocalStorage();\n  if (key === event.key && storedValue !== newValue) {\n
setValue(newValue);\n  }\n  }\n  window.addEventListener('storage', onStorage);\n  return () => {\n
window.removeEventListener('storage', onStorage);\n  }, [getValueFromLocalStorage, key, storedValue,\n
setValue]);\n  return [storedValue, setValue];\n}\n\nexport function useModalDismissSignal(\n modalRef:\n
{current: HTMLDivElement | null, ...},\n dismissCallback: () => void,\n dismissOnClickOutside?: boolean =\n
true,\n): void {\n  useEffect(() => {\n    if (modalRef.current === null) {\n      return () => {};\n    }\n\n    const\n
handleDocumentKeyDown = (event: any) => {\n      if (event.key === 'Escape') {\n        dismissCallback();\n      }\n    }\n\n    const handleDocumentClick = (event: any) => {\n      if (\n        modalRef.current !== null &&\n
!modalRef.current.contains(event.target)\n      ) {\n        event.stopPropagation();\n        event.preventDefault();\n\n        dismissCallback();\n      }\n    }\n\n    let ownerDocument = null;\n\n    // Delay until after the current call stack is\n
empty,\n    // in case this effect is being run while an event is currently bubbling.\n    // In that case, we don't want to\n
listen to the pre-existing event.\n    let timeoutID = setTimeout(() => {\n      timeoutID = null;\n\n      // It's important\n
to listen to the ownerDocument to support the browser extension.\n      // Here we use portals to render individual\n
tabs (e.g. Profiler),\n      // and the root document might belong to a different window.\n      ownerDocument =\n
((modalRef.current: any): HTMLDivElement).ownerDocument;\n      ownerDocument.addEventListener('keydown',\n
handleDocumentKeyDown);\n      if (dismissOnClickOutside) {\n        ownerDocument.addEventListener('click',\n
handleDocumentClick, true);\n      }\n    }, 0);\n\n    return () => {\n      if (timeoutID !== null) {\n
clearTimeout(timeoutID);\n      }\n\n      if (ownerDocument !== null) {\n\n
ownerDocument.removeEventListener('keydown', handleDocumentKeyDown);\n\n
ownerDocument.removeEventListener('click', handleDocumentClick, true);\n      }\n    }, [modalRef,\n
dismissCallback, dismissOnClickOutside];\n  }\n}\n\n// Copied from\n
https://github.com/facebook/react/pull/15022\nexport function useSubscription<Value>({\n  getCurrentValue,\n
subscribe,\n}): {\n  getCurrentValue: () => Value,\n  subscribe: (callback: Function) => () => void,\n}): Value {\n
const [state, setState] = useState(() => ({\n  getCurrentValue,\n  subscribe,\n  value: getCurrentValue(),\n
}));\n  if (\n    state.getCurrentValue !== getCurrentValue ||\n    state.subscribe !== subscribe\n  ) {\n    setState({\n
getCurrentValue,\n    subscribe,\n    value: getCurrentValue(),\n  });\n  }\n  useEffect(() => {\n    let\n
didUnsubscribe = false;\n\n    const checkForUpdates = () => {\n      if (didUnsubscribe) {\n        return;\n      }\n\n      setState(prevState => {\n        if (\n          prevState.getCurrentValue !== getCurrentValue ||\n
prevState.subscribe !== subscribe\n        ) {\n          return prevState;\n        }\n\n        const value =\n
getCurrentValue();\n        if (prevState.value === value) {\n          return prevState;\n        }\n\n        return\n
{...prevState, value};\n      });\n    }; \n    const unsubscribe = subscribe(checkForUpdates);\n\n    checkForUpdates();\n\n    return () => {\n      didUnsubscribe = true;\n      unsubscribe();\n    }; \n  },\n
[getCurrentValue, subscribe]);\n  return state.value;\n}\n\nexport function useHighlightNativeElement() {\n  const\n
bridge = useContext(BridgeContext);\n  const store = useContext(StoreContext);\n  const highlightNativeElement\n
= useCallback(\n    (id: number) => {\n      const element = store.getElementByID(id);\n      const rendererID =\n
store.getRendererIDForElement(id);\n      if (element !== null && rendererID !== null) {\n\n
bridge.send('highlightNativeElement', {\n        displayName: element.displayName,\n        hideAfterTimeout:\n
false,\n        id,\n        openNativeElementsPanel: false,\n        rendererID,\n        scrollIntoView: false,\n
});\n      }\n    }, [store, bridge],\n  );\n  const clearHighlightNativeElement = useCallback(() => {\n
bridge.send('clearNativeElementHighlight');\n  }, [bridge]);\n  return {\n    highlightNativeElement,\n
clearHighlightNativeElement,\n  }; \n}\n\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source\n
code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n
* @flow\n */\n\nimport * as React from 'react';\nimport {\n  createContext,\n  useContext,\n  useEffect,\n
useLayoutEffect,\n  useMemo,\n} from 'react';\nimport {\n  COMFORTABLE_LINE_HEIGHT,\n  COMPACT_LINE_HEIGHT,\n  LOCAL_STORAGE_PARSE_HOOK_NAMES_KEY,\n
LOCAL_STORAGE_SHOULD_BREAK_ON_CONSOLE_ERRORS,\n  LOCAL_STORAGE_SHOULD_PATCH_CONSOLE_KEY,\n  LOCAL_STORAGE_TRACE_UPDATES_ENABLED_KEY,\n

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```

LOCAL_STORAGE_SHOW_INLINE_WARNINGS_AND_ERRORS_KEY,\n
LOCAL_STORAGE_HIDE_CONSOLE_LOGS_IN_STRICT_MODE,\n} from 'react-devtools-
shared/src/constants';\nimport {useLocalStorage} from '../hooks';\nimport {BridgeContext} from
'../context';\n\nimport type {BrowserTheme} from '../DevTools';\n\nexport type DisplayDensity = 'comfortable' |
'compact';\n\nexport type Theme = 'auto' | 'light' | 'dark';\n\nexport type Context = {\n  displayDensity: DisplayDensity,\n  setDisplayDensity(value: DisplayDensity): void,\n  // Derived from display density.\n  // Specified as a separate
prop so it can trigger a re-render of FixedSizeList.\n  lineHeight: number,\n  \n  appendComponentStack: boolean,\n  setAppendComponentStack: (value: boolean) => void,\n  \n  breakOnConsoleErrors: boolean,\n  setBreakOnConsoleErrors: (value: boolean) => void,\n  \n  parseHookNames: boolean,\n  setParseHookNames:
(value: boolean) => void,\n  \n  hideConsoleLogsInStrictMode: boolean,\n  sethideConsoleLogsInStrictMode: (value:
boolean) => void,\n  \n  showInlineWarningsAndErrors: boolean,\n  setShowInlineWarningsAndErrors: (value:
boolean) => void,\n  \n  theme: Theme,\n  setTheme(value: Theme): void,\n  \n  browserTheme: Theme,\n  \n
traceUpdatesEnabled: boolean,\n  setTraceUpdatesEnabled: (value: boolean) => void,\n};\n\nconst SettingsContext
= createContext<Context>((null: any): Context);\n\nSettingsContext.displayName = 'SettingsContext';\n\nexport
type DocumentElements = Array<HTMLElement>;\n\nexport type Props = {\n  browserTheme: BrowserTheme,\n  children:
React$Node,\n  componentsPortalContainer?: Element,\n  profilerPortalContainer?: Element,\n};\n\nfunction
SettingsContextController({\n  browserTheme,\n  children,\n  componentsPortalContainer,\n  profilerPortalContainer,\n}:
Props) {\n  const bridge = useContext(BridgeContext);\n  \n  const [displayDensity,
setDisplayDensity] = useLocalStorage<DisplayDensity>(\n    'React::DevTools::displayDensity',\n    'compact',\n
);\n  \n  const [theme, setTheme] = useLocalStorage<Theme>(\n    'React::DevTools::theme',\n    'auto',\n
);\n  \n  const [\n    appendComponentStack,\n    setAppendComponentStack,\n  ] =
useLocalStorage<boolean>(LOCAL_STORAGE_SHOULD_PATCH_CONSOLE_KEY, true);\n  \n  const [\n    breakOnConsoleErrors,\n    setBreakOnConsoleErrors,\n  ] = useLocalStorage<boolean>(
LOCAL_STORAGE_SHOULD_BREAK_ON_CONSOLE_ERRORS,\n    false,\n
);\n  \n  const [parseHookNames,
setParseHookNames] = useLocalStorage<boolean>(\n    LOCAL_STORAGE_PARSE_HOOK_NAMES_KEY,\n    false,\n
);\n  \n  const [\n    hideConsoleLogsInStrictMode,\n    sethideConsoleLogsInStrictMode,\n  ] =
useLocalStorage<boolean>(\n    LOCAL_STORAGE_HIDE_CONSOLE_LOGS_IN_STRICT_MODE,\n    false,\n
);\n  \n  const [\n    showInlineWarningsAndErrors,\n    setShowInlineWarningsAndErrors,\n  ] =
useLocalStorage<boolean>(\n    LOCAL_STORAGE_SHOW_INLINE_WARNINGS_AND_ERRORS_KEY,\n    true,\n
);\n  \n  const [\n    traceUpdatesEnabled,\n    setTraceUpdatesEnabled,\n  ] =
useLocalStorage<boolean>(LOCAL_STORAGE_TRACE_UPDATES_ENABLED_KEY, false);\n  \n  const
documentElements = useMemo<DocumentElements>(() => {\n    const array: Array<HTMLElement> = [\n
((document.documentElement: any): HTMLElement),\n    ];\n    \n    if (componentsPortalContainer != null) {\n
array.push(\n      ((componentsPortalContainer.ownerDocument\n        .documentElement: any):
HTMLElement),\n    );\n    \n    if (profilerPortalContainer != null) {\n      array.push(\n
((profilerPortalContainer.ownerDocument\n        .documentElement: any): HTMLElement),\n    );\n    \n    return
array;\n  }, [componentsPortalContainer, profilerPortalContainer]);\n  \n  useLayoutEffect(() => {\n    switch
(displayDensity) {\n      case 'comfortable':\n        updateDisplayDensity('comfortable', documentElements);\n
break;\n      case 'compact':\n        updateDisplayDensity('compact', documentElements);\n      break;\n      default:\n
throw Error(`Unsupported displayDensity value \"${displayDensity}\"`);\n    }\n  }, [displayDensity,
documentElements]);\n  \n  useLayoutEffect(() => {\n    switch (theme) {\n      case 'light':\n
updateThemeVariables('light', documentElements);\n      break;\n      case 'dark':\n
updateThemeVariables('dark', documentElements);\n      break;\n      case 'auto':\n
updateThemeVariables(browserTheme, documentElements);\n      break;\n      default:\n        throw
Error(`Unsupported theme value \"${theme}\"`);\n    }\n  }, [browserTheme, theme, documentElements]);\n  \n
useEffect(() => {\n    bridge.send('updateConsolePatchSettings', {\n      appendComponentStack,\n      breakOnConsoleErrors,\n      showInlineWarningsAndErrors,\n      hideConsoleLogsInStrictMode,\n      browserTheme,\n    });\n  }, [\n    bridge,\n    appendComponentStack,\n    breakOnConsoleErrors,\n

```



```

case 'export':\n  pathData = PATH_EXPORT;\n  break;\n case 'filter':\n  pathData = PATH_FILTER;\n
break;\n case 'import':\n  pathData = PATH_IMPORT;\n  break;\n case 'log-data':\n  pathData =
PATH_LOG_DATA;\n  break;\n case 'more':\n  pathData = PATH_MORE;\n  break;\n case 'next':\n
pathData = PATH_NEXT;\n  break;\n case 'parse-hook-names':\n  pathData =
PATH_PARSE_HOOK_NAMES;\n  break;\n case 'previous':\n  pathData = PATH_PREVIOUS;\n
break;\n case 'record':\n  pathData = PATH_RECORD;\n  break;\n case 'reload':\n  pathData =
PATH_RELOAD;\n  break;\n case 'save':\n  pathData = PATH_SAVE;\n  break;\n case 'search':\n
pathData = PATH_SEARCH;\n  break;\n case 'settings':\n  pathData = PATH_SETTINGS;\n  break;\n
case 'error':\n  pathData = PATH_ERROR;\n  break;\n case 'suspend':\n  pathData = PATH_SUSPEND;\n
break;\n case 'undo':\n  pathData = PATH_UNDO;\n  break;\n case 'up':\n  pathData = PATH_UP;\n
break;\n case 'view-dom':\n  pathData = PATH_VIEW_DOM;\n  break;\n case 'view-source':\n  pathData
= PATH_VIEW_SOURCE;\n  break;\n default:\n  console.warn("Unsupported type \"${type}\" specified for
ButtonIcon");\n  break;\n }\n\n return (\n  <svg\n    xmlns="http://www.w3.org/2000/svg"\n
className={` ${styles.ButtonIcon} ${className} `}\n    width="24"\n    height="24"\n    viewBox="0 0 24
24">\n    <path d="M0 0h24v24H0z" fill="none" />\n    {typeof pathData === 'string' ? (\n    <path
fill="currentColor" d={pathData} />\n    ) : (\n    pathData\n    )}\n  </svg>\n );\n\n\nconst PATH_ADD
=\n 'M12 2C6.48 2 2 6.48 2 12s4.48 10 10 10 10-4.48 10-10S17.52 2 12 2zm5 11h-4v4h-2v-4H7v-
2h4V7h2v4h4v2z';\n\nconst PATH_CANCEL = \n 'M19 6.41L17.59 5 12 10.59 6.41 5 5 6.41 10.59 12 5 17.59
6.41 19 12 13.41 17.59 19 19 17.59 13.41 12z\n';\n\nconst PATH_CLEAR = \n 'M12 2C6.48 2 2 6.48 2 12s4.48 10
10 10-4.48 10-10S17.52 2 12 2zM4 12c0-4.42 3.58-8 8-8 1.85 0 3.55.63 4.9 1.69L5.69\n 16.9C4.63 15.55 4
13.85 4 12zm8 8c-1.85 0-3.55-.63-4.9-1.69L18.31 7.1C19.37 8.45 20 10.15 20 12c0 4.42-3.58 8-8 8z\n';\n\nconst
PATH_CLOSE =\n 'M19 6.41L17.59 5 12 10.59 6.41 5 5 6.41 10.59 12 5 17.59 6.41 19 12 13.41 17.59 19 19 17.59
13.41 12z';\n\nconst PATH_COLLAPSED = 'M10 17l5-5-5v10z';\n\nconst PATH_COPY = \n 'M3 13h2v-
2H3v2zm0 4h2v-2H3v2zm2 4v-2H3a2 2 0 0 2 2zM3 9h2V7H3v2zm12 12h2v-2h-2v2zm4-18H9a2 2 0 0 0-2\n
2v10a2 2 0 0 2 2h10c1.1 0 2-.9 2-2V5c0-1.1-.9-2-2-2zm0 12H9V5h10v10zm-8 6h2v-2h-2v2zm-4 0h2v-
2H7v2z\n';\n\nconst PATH_DELETE = \n 'M12 2C6.47 2 2 6.47 2 12s4.47 10 10 10-4.47 10-10S17.53 2 12
2zm5 13.59L15.59 17 12\n 13.41 8.41 17 7 15.59 10.59 12 7 8.41 8.41 7 12 10.59 15.59 7 17 8.41 13.41 12 17
15.59z\n';\n\nconst PATH_DOWN = 'M7.41 8.59L12 13.17l4.59-4.58L18 10l-6 6-6 1.41-1.41z';\n\nconst
PATH_EXPANDED = 'M7 10l5 5 5-5z';\n\nconst PATH_EXPORT = 'M15.82,2.14v7H21l-9,9L3,9.18H8.18v-
7ZM3,20.13H21v1.73H3Z';\n\nconst PATH_FILTER = 'M10 18h4v-2h-4v2zM3 6v2h18V6H3zm3 7h12v-
2H6v2z';\n\nconst PATH_IMPORT = 'M8.18,18.13v-7H3l9-8.95,9,9H15.82v7ZM3,20.13H21v1.73H3Z';\n\nconst
PATH_LOG_DATA = \n 'M20 8h-2.81c-.45-.78-1.07-1.45-1.82-1.96L17 4.41 15.59 3l-2.17 2.17C12.96 5.06
12.49 5 12 5c-.49 0-.96.06-1.41.17L8.41\n 3 7 4.41l1.62 1.63C7.88 6.55 7.26 7.22 6.81 8H4v2h2.09c-.05.33-
.09.66-.09 1v1H4v2h2v1c0 .34.04.67.09 1H4v2h2.81c1.04\n 1.79 2.97 3 5.19 3s4.15-1.21 5.19-3H20v-2h-
2.09c.05-.33.09-.66.09-1v-1h2v-2h-2v-1c0-.34-.04-.67-.09-1H20V8zm-6\n 8h-4v-2h4v2zm0-4h-4v-
2h4v2z\n';\n\nconst PATH_MORE = \n 'M12 8c1.1 0 2-.9 2-2s-.9-2-2-2 .9-2 2 .9 2 2zm0 2c-1.1 0-2 .9-2 2s.9\n
2 2 2-2 .9 2-2-2-2zm0 6c-1.1 0-2 .9-2 2s.9 2 2 2-2 .9 2-2-2-2z\n';\n\nconst PATH_NEXT = 'M12 4l-1.41
1.41L16.17 11H4v2h12.17l-5.58 5.59L12 20l8-8z';\n\nconst PATH_PARSE_HOOK_NAMES = (\n  <g>\n
<polygon points="20,7 20.94,4.94 23,4 20.94,3.06 20,1 19.06,3.06 17,4 19.06,4.94" />\n  <polygon
points="8.5,7 9.44,4.94 11.5,4 9.44,3.06 8.5,1 7.56,3.06 5.5,4 7.56,4.94" />\n  <polygon points="20,12.5
19.06,14.56 17,15.5 19.06,16.44 20,18.5 20.94,16.44 23,15.5 20.94,14.56" />\n  <path d="M17.71,9.12l-2.83-
2.83C14.68,6.1,14.43,6,14.17,6c-0.26,0-0.51,0,1-0.71,0.29L2.29,17.46c-0.39,0.39-0.39,1.02,0,1.41
12.83,2.83C5.32,21.9,5.57,22,5.83,22s0.51-0.1,0.71-0.29l11.17-11.17C18.1,10.15,18.1,9.51,17.71,9.12z
M14.17,8.42l1.41,1.41 L14.41,11L13,9.59L14.17,8.42z M5.83,19.59l-1.41-1.41L11.59,11L13,12.41L5.83,19.59z"
/>\n </g>\n);\n\nconst PATH_PREVIOUS =\n 'M20 11H7.83l5.59-5.59L12 4l-8 8 8 1.41-1.41L7.83 13H20v-
2z';\n\nconst PATH_RECORD = 'M4,12a8,8 0 1,0 16,0a8,8 0 1,0 -16,0';\n\nconst PATH_RELOAD = \n 'M17.65
6.35C16.2 4.9 14.21 4 12 4c-4.42 0-7.99 3.58-7.99 8s3.57 8 7.99 8c3.73 0\n 6.84-2.55 7.73-6h-2.08c-.82 2.33-3.04
4-5.65 4-3.31 0-6-2.69-6-6s2.69-6 6-6c1.66 0\n 3.14.69 4.22 1.78L13 11h7V4l-2.35 2.35z\n';\n\nconst

```



```

PATH_SAVE = `n M17 3H5c-1.11 0-2 .9-2 2v14c0 1.1.89 2 2 2h14c1.1 0 2-.9 2-2V7l-4-4zm-5 16c-1.66 0-3-1.34-
3-3s1.34-3 3-3 3 1.34 3 3-1.34 3-3 3zm3-10H5V5h10v4z`n`n`nconst PATH_SEARCH = `n M8.5,22H3.7l-1.4-
1.5V3.8l1.3-1.5h17.2l1,1.5v4.9h-1.3V4.3l-0.4-0.6H4.2L3.6,4.3V20l0.7,0.7h4.2V22zn M23,13.9l-4.6,3.6l4.6,4.6l-
1.1,1.1l-4.7-4.4l-3.3,4.4l-3.2-12.3L23,13.9zn`n`n`nconst PATH_SETTINGS = `n M19.43 12.98c.04-.32.07-.64.07-
.98s-.03-.66-.07-.98l2.11-1.65c.19-.15.24-.42.12-.64l-2-3.46c-.12-.22-.39-.3-.61-.22l-2.49n 1c-.52-.4-1.08-.73-
1.69-.98l-.38-2.65c14.46 2.18 14.25 2 14 2h-4c-.25 0-.46.18-.49.42l-.38n 2.65c-.61.25-1.17.59-1.69.98l-2.49-1c-
.23-.09-.49 0-.61.22l-2 3.46c-.13.22-.07.49.12.64l2.11n 1.65c-.04.32-.07.65-.07.98s.03.66.07.98l-2.11 1.65c-
.19.15-.24.42-.12.64l2 3.46c.12.22.39.3.61.22l2.49-1c.52.4n 1.08.73 1.69.98l.38 2.65c.03.24.24.42.42h4c.25 0
.46-.18.49-.42l.38-2.65c.61-.25 1.17-.59 1.69-.98l2.49n 1c.23.09.49 0 .61-.22l2-3.46c.12-.22.07-.49-.12-.64l-2.11-
1.65zM12 15.5c-1.93 0-3.5-1.57-3.5-3.5s1.57-3.5n 3.5-3.5 3.5 1.57 3.5 3.5-1.57 3.5-3.5 3.5zn`n`n`nconst
PATH_ERROR = `n M12 2C6.48 2 2 6.48 2 12s4.48 10 10 10 10-4.48 10-10S17.52 2 12 2zm1 15h-2v-2h2v2zm0-
4h-2V7h2v6z`n`n`nconst PATH_SUSPEND = `n M15 1H9v2h6V1zm-4 13h2V8h-2v6zm8.03-6.61l1.42-1.42c-.43-
.51-.9-.99-1.41-1.41l-1.42 1.42C16.07 4.74 14.12 4 12 4c-4.97n 0-9 4.03-9 9s4.02 9 9 9-4.03 9-9c0-2.12-.74-
4.07-1.97-5.61zM12 20c-3.87 0-7-3.13-7-7s3.13-7 7-7 7 3.13 7 7-3.13 7-7 7zn`n`n`nconst PATH_UNDO = `n
M12.5 8c-2.65 0-5.05.99-6.9 2.6L2 7v9h9l-3.62-3.62c1.39-1.16 3.16-1.88 5.12-1.88n 3.54 0 6.55 2.31 7.6
5.5l2.37-.78C21.08 11.03 17.15 8 12.5 8zn`n`n`nconst PATH_UP = `M7.41 15.41L12 10.83l4.59 4.58L18 14l-6-6-6
6z`n`n`nconst PATH_VIEW_DOM = `n M12 4.5C7 4.5 2.73 7.61 1 12c1.73 4.39 6 7.5 11 7.5s9.27-3.11 11-7.5c-
1.73-4.39-6-7.5-11-7.5zM12n 17c-2.76 0-5-2.24-5-5s2.24-5 5-5 5-2.24 5-5 5zm0-8c-1.66 0-3 1.34-3
3s1.34 3 3 3n 3-1.34 3-3-1.34-3-3zn`n`n`nconst PATH_VIEW_SOURCE = `n M9.4 16.6L4.8 12l4.6-4.6L8 6l-
6 6 6 1.4-1.4zm5.2 0l4.6-4.6-4.6-4.6L16 6l6 6-6 1.4-1.4zn `n`n`nconst PATH_EDITOR = `n M7
5h10v2h2V3c0-1.1-.9-1.99-2-1.99L7 1c-1.1 0-2 .9-2 2v4h2V5zm8.41 11.59L20 12l-4.59-4.59L14 8.83 17.17 12 14
15.17l1.41 1.42zM10 15.17L6.83 12 10 8.83 8.59 7.41 4 12l4.59 4.59L10 15.17zM17 19H7v-2H5v4c0 1.1.9 2 2
2h10c1.1 0 2-.9 2-2v-4h-2v2zn`n`n`n`/*`n * Copyright (c) Facebook, Inc. and its affiliates.`n *`n * This source
code is licensed under the MIT license found in the`n * LICENSE file in the root directory of this source tree.`n *`n
* @flow`n *`n`nimport * as React from 'react';`nimport {Fragment, useContext, useMemo, useState} from
'react';`nimport Store from 'react-devtools-shared/src/devtools/store';`nimport Badge from './Badge';`nimport
ButtonIcon from './ButtonIcon';`nimport {createRegExp} from './utils';`nimport {TreeDispatcherContext,
TreeStateContext} from './TreeContext';`nimport {SettingsContext} from './Settings/SettingsContext';`nimport
{StoreContext} from './context';`nimport {useSubscription} from './hooks';`nimport type {ItemData} from
'./Tree';`nimport type {Element as ElementType} from './types';`nimport styles from './Element.css';`nimport Icon
from './Icon';`nntype Props = {`n  data: ItemData,`n  index: number,`n  style: Object,`n  ...`n};`n`nexport default
function Element({data, index, style}: Props) {`n  const store = useContext(StoreContext);`n  const {ownerFlatTree,
ownerID, selectedElementID} = useContext(`n  TreeStateContext,`n );`n  const dispatch =
useContext(TreeDispatcherContext);`n  const {showInlineWarningsAndErrors} =
React.useContext(SettingsContext);`n`n  const element = `n  ownerFlatTree !== null`n  ? ownerFlatTree[index]`n
: store.getElementAtIndex(index);`n`n  const [isHovered, setIsHovered] = useState(false);`n`n  const
{isNavigatingWithKeyboard, onElementMouseEnter, treeFocused} = data;`n  const id = element === null ? null :
element.id;`n  const isSelected = selectedElementID === id;`n`n  const errorsAndWarningsSubscription =
useMemo(`n  () => ({`n    getCurrentValue: () =>`n    element === null`n    ? {errorCount: 0, warningCount:
0}`n    : store.getErrorAndWarningCountForElementID(element.id),`n    subscribe: (callback: Function) => {`n
store.addListener('mutated', callback);`n    return () => store.removeListener('mutated', callback);`n    },`n
}),`n [store, element],`n );`n  const {errorCount, warningCount} = useSubscription<{`n  errorCount: number,`n
warningCount: number,`n  }>(errorsAndWarningsSubscription);`n`n  const handleClick = () => {`n  if (id
!== null) {`n    dispatch({type: 'SELECT_OWNER', payload: id});`n  }`n };`n`n  const handleClick =
(({metaKey}) => {`n  if (id !== null) {`n    dispatch({`n    type: 'SELECT_ELEMENT_BY_ID',`n    payload:
metaKey ? null : id,`n    });`n  }`n });`n };`n`n  const onMouseEnter = () => {`n  setIsHovered(true);`n  if (id !==
null) {`n    onElementMouseEnter(id);`n  }`n };`n`n  const onMouseLeave = () => {`n
setIsHovered(false);`n  };`n`n  const handleKeyDoubleClick = event => {`n  // Double clicks on key value are used

```

```

for text selection (if the text has been truncated).\n // They should not enter the owners tree view.\n
event.stopPropagation();\n event.preventDefault();\n });\n\n // Handle elements that are removed from the tree
while an async render is in progress.\n if (element == null) {\n console.warn(`<Element> Could not find element
at index ${index}`);\n\n // This return needs to happen after hooks, since hooks can't be conditional.\n return
null;\n }\n\n const {\n depth,\n displayName,\n hocDisplayNames,\n isStrictModeNonCompliant,\n key,\n
type,\n } = ((element: any): ElementType);\n\n // Only show strict mode non-compliance badges for top level
elements.\n // Showing an inline badge for every element in the tree would be noisy.\n const showStrictModeBadge
= isStrictModeNonCompliant && depth === 0;\n\n let className = styles.Element;\n if (isSelected) {\n
className = treeFocused\n ? styles.SelectedElement\n : styles.InactiveSelectedElement;\n } else if
(isHovered && !isNavigatingWithKeyboard) {\n className = styles.HoveredElement;\n }\n\n return (\n
<div\n className={className}\n onMouseEnter={handleMouseEnter}\n
onMouseLeave={handleMouseLeave}\n onClick={handleClick}\n onDoubleClick={handleDoubleClick}\n
style={style}\n data-testname={`ComponentTreeListItem`}n data-depth={depth}>\n /* This wrapper is
used by Tree for measurement purposes. */\n <div\n className={styles Wrapper}\n style={{\n //
Left offset presents the appearance of a nested tree structure.\n // We must use padding rather than margin/left
because of the selected background color.\n transform: `translateX(calc(${depth} * var(--indentation-
size)))`,\n }}>\n {ownerID === null ? (\n <ExpandCollapseToggle element={element} store={store}
/>\n ) : null}\n\n <DisplayName displayName={displayName} id={{(id: any): number}} />\n\n {key
&& (\n <Fragment>\n &nbsp;<span className={styles.KeyName}>key</span>=<span\n
className={styles.KeyValue}\n title={key}\n onDoubleClick={handleKeyDoubleClick}>\n
{key}\n </span>\n `}\n </Fragment>\n )}\n {hocDisplayNames !== null &&
hocDisplayNames.length > 0 ? (\n <Badge\n className={styles.Badge}\n
hocDisplayNames={hocDisplayNames}\n type={type}>\n <DisplayName\n
displayName={hocDisplayNames[0]}\n id={{(id: any): number}} />\n </Badge>\n ) :
null}\n\n {showInlineWarningsAndErrors && errorCount > 0 && (\n <Icon\n type=`error`\n
className={\n isSelected && treeFocused\n ? styles.ErrorIconContrast\n :
styles.ErrorIcon\n }\n />\n )}\n {showInlineWarningsAndErrors && warningCount > 0 && (\n
<Icon\n type=`warning`\n className={\n isSelected && treeFocused\n ?
styles.WarningIconContrast\n : styles.WarningIcon\n }\n />\n )}\n
{showStrictModeBadge && (\n <Icon\n className={\n isSelected && treeFocused\n
? styles.StrictModeContrast\n : styles.StrictMode\n }\n title=`This component is not running
in StrictMode.`\n type=`strict-mode-non-compliant`\n />\n )}\n </div>\n </div>\n
);\n\n\n// Prevent double clicks on toggle from drilling into the owner list.\nconst swallowDoubleClick = event =>
{\n event.preventDefault();\n event.stopPropagation();\n};\n\ntype ExpandCollapseToggleProps = {\n element:
ElementType,\n store: Store,\n};\n\nfunction ExpandCollapseToggle({element, store}:
ExpandCollapseToggleProps) {\n const {children, id, isCollapsed} = element;\n\n const toggleCollapsed = event
=> {\n event.preventDefault();\n event.stopPropagation();\n\n store.toggleIsCollapsed(id, !isCollapsed);\n
};\n\n const stopPropagation = event => {\n // Prevent the row from selecting\n event.stopPropagation();\n
};\n\n if (children.length === 0) {\n return <div className={styles.ExpandCollapseToggle} />\n }\n\n return
(\n <div\n className={styles.ExpandCollapseToggle}\n onMouseDown={stopPropagation}\n
onClick={toggleCollapsed}\n onDoubleClick={swallowDoubleClick}>\n <ButtonIcon type={isCollapsed ?
'collapsed' : 'expanded'} />\n </div>\n );\n\n\ntype DisplayNameProps = {\n displayName: string | null,\n id:
number,\n};\n\nfunction DisplayName({displayName, id}: DisplayNameProps) {\n const {searchIndex,
searchResults, searchText} = useContext(TreeStateContext);\n\n const isSearchResult = useMemo(() => {\n return
searchResults.includes(id);\n }, [id, searchResults]);\n\n const isCurrentResult =\n searchIndex !== null && id ===
searchResults[searchIndex];\n\n if (!isSearchResult || displayName === null) {\n return displayName;\n }\n\n
const match = createRegExp(searchText).exec(displayName);\n\n if (match === null) {\n return displayName;\n
}\n\n const startIndex = match.index;\n const stopIndex = startIndex + match[0].length;\n\n const children = [];\n

```

```

if (startIndex > 0) {\n  children.push(<span key=\`begin\`>{displayName.slice(0, startIndex)}</span>);\n }\n
children.push(\n <mark\n key=\`middle\`\n className={isCurrentResult ? styles.CurrentHighlight :
styles.Highlight}>\n {displayName.slice(startIndex, stopIndex)}\n </mark>,\n );\n if (stopIndex <
displayName.length) {\n  children.push(<span key=\`end\`>{displayName.slice(stopIndex)}</span>);\n }\n\n
return children;\n}\n", "function canUseDOM() {\n  return !(typeof window !== \"undefined\" &&
window.document && window.document.createElement);\n}\n\nexport { canUseDOM };", "import {
useLayoutEffect, useEffect } from 'react';\nimport { canUseDOM } from '../can-use-dom/dist/reach-utils-can-use-
dom.esm.js';\n\n/**\n * React currently throws a warning when using useLayoutEffect on the server. To\n * get
around it, we can conditionally useEffect on the server (no-op) and\n * useLayoutEffect in the browser. We
occasionally need useLayoutEffect to\n * ensure we don't get a render flash for certain operations, but we may
also\n * need affected components to render on the server. One example is when setting\n * a component's
descendants to retrieve their index values.\n *\n * Important to note that using this hook as an escape hatch will
break the\n * eslint dependency warnings unless you rename the import to `useLayoutEffect`.\n * Use sparingly only
when the effect won't effect the rendered HTML to avoid\n * any server/client mismatch.\n *\n * If a
useLayoutEffect is needed and the result would create a mismatch, it's\n * likely that the component in question
shouldn't be rendered on the server at\n * all, so a better approach would be to lazily render those in a parent\n *
component after client-side hydration.\n *\n *
https://gist.github.com/gaearon/e7d97cdf38a2907924ea12e4ebdf3c85\n * https://github.com/reduxjs/react-
redux/blob/master/src/utils/useIsomorphicLayoutEffect.js\n *\n * @param effect\n * @param deps\n */\n\nvar
useIsomorphicLayoutEffect = /*#__PURE__*/canUseDOM() ? useLayoutEffect : useEffect;\n\nexport {
useIsomorphicLayoutEffect };", "import { useState, useEffect } from 'react';\nimport { useIsomorphicLayoutEffect
} from '@reach/utils/use-isomorphic-layout-effect';\n\n/**\n * Welcome to @reach/auto-id!\n *\n * Let's see if we can
make sense of why this hook exists and its\n * implementation.\n *\n * Some background:\n * 1. Accessibility
APIs rely heavily on element IDs\n * 2. Requiring developers to put IDs on every element in Reach UI is both\n *
cumbersome and error-prone\n * 3. With a component model, we can generate IDs for them!\n *\n * Solution 1:
Generate random IDs.\n *\n * This works great as long as you don't server render your app. When React (in\n * the
client) tries to reuse the markup from the server, the IDs won't match\n * and React will then recreate the entire
DOM tree.\n *\n * Solution 2: Increment an integer\n *\n * This sounds great. Since we're rendering the exact same
tree on the server\n * and client, we can increment a counter and get a deterministic result between\n * client and
server. Also, JS integers can go up to nine-quadrillion. I'm\n * pretty sure the tab will be closed before an app never
needs\n * 10 quadrillion IDs!\n *\n * Problem solved, right?\n *\n * Ah, but there's a catch! React's concurrent
rendering makes this approach\n * non-deterministic. While the client and server will end up with the same\n *
elements in the end, depending on suspense boundaries (and possibly some user\n * input during the initial render)
the incrementing integers won't always match\n * up.\n *\n * Solution 3: Don't use IDs at all on the server; patch
after first render.\n *\n * What we've done here is solution 2 with some tricks. With this approach, the\n * ID
returned is an empty string on the first render. This way the server and\n * client have the same markup no matter
how wild the concurrent rendering may\n * have gotten.\n *\n * After the render, we patch up the components with
an incremented ID. This\n * causes a double render on any components with `useId`. Shouldn't be a problem\n *
since the components using this hook should be small, and we're only updating\n * the ID attribute on the DOM,
nothing big is happening.\n *\n * It doesn't have to be an incremented number, though--we could do generate\n *
random strings instead, but incrementing a number is probably the cheapest\n * thing we can do.\n *\n *
Additionally, we only do this patchup on the very first client render ever.\n * Any calls to `useId` that happen
dynamically in the client will be\n * populated immediately with a value. So, we only get the double render after\n *
server hydration and never again, SO BACK OFF ALRIGHT?\n *\n\nvar serverHandoffComplete = false;\nvar id =
0;\n\nvar genId = function genId() {\n  return ++id;\n};\n\n/**\n * useId\n *\n * Autogenerate IDs to facilitate WAI-
ARIA and server rendering.\n *\n * Note: The returned ID will initially be `null` and will update after a\n *
component mounts. Users may need to supply their own ID if they need\n * consistent values for SSR.\n *\n * @see
Docs https://reach.tech/auto-id\n *\n\nfunction useId(idFromProps) {\n  /**\n * If this instance isn't part of the

```

```

initial render, we don't have to do the
 * double render/patch-up dance. We can just generate the ID and return
it.
 *
var initialId = idFromProps || (serverHandoffComplete ? genId() : null);
var _React$useState =
useState(initialId),
id = _React$useState[0],
setId = _React$useState[1];

useIsomorphicLayoutEffect(function () {
  if (id === null) {
    /*
     * Patch the ID after render. We do this
in `useLayoutEffect` to avoid any
     * rendering flicker, though it'll make the first render slower (unlikely
     * to matter, but you're welcome to measure your app and let us know if
     * it's a problem).
     */
    setId(genId());
  } // eslint-disable-next-line react-hooks/exhaustive-deps
}, []);
useEffect(function () {
  if (serverHandoffComplete === false) {
    /*
     * Flag all future uses of `useId` to skip the update dance. This
is in
     * `useEffect` because it goes after `useLayoutEffect`, ensuring we don't
     * accidentally bail out of
the patch-up dance prematurely.
     */
    serverHandoffComplete = true;
  }
}, []);
return id != null ?
String(id) : undefined;
}
}
export { useId };
", "import { canUseDOM } from '../can-use-dom/dist/reach-utils-
can-use-dom.esm.js';
\n\n/**
 * Get an element's owner document. Useful when components are used in iframes
or other environments like dev tools.
 */
@param element
 */
function getOwnerDocument(element) {
  return canUseDOM() ? element ? element.ownerDocument : document : null;
}
\n\n/**
 * TODO: Remove in 1.0
 */
function getOwnerWindow(element) {
  var ownerDocument = getOwnerDocument(element);
  return
ownerDocument ? ownerDocument.defaultView || window : null;
}
}
export { getOwnerDocument,
getOwnerWindow };
", /**
 * Joins strings to format IDs for compound components.
 */
@param args
 */
function makeId() {
  for (var _len = arguments.length, args = new Array(_len), _key = 0; _key < _len;
_key++) {
    args[_key] = arguments[_key];
  }
  return args.filter(function (val) {
    return val != null;
  }).join("--");
}
}
export { makeId };
", /**
 * Checks whether or not a value is a boolean.
 */
@param
value
 */
function isBoolean(value) {
  return typeof value === "boolean";
}
\n\n/**
 * Checks whether or not a
value is a function.
 */
@param value
 */
function isFunction(value) {
  // eslint-disable-next-line eqeqeq
return !(value && {}).toString.call(value) === "[object Function]";
}
\n\n/**
 * Checks whether or not a
value is a
number.
 */
@param value
 */
function isNumber(value) {
  return typeof value === "number" &&
!isNaN(value);
}
\n\n/**
 * Checks whether or not a
value is a
string.
 */
@param value
 */
function
isString(value) {
  return typeof value === "string";
}
}
export { isBoolean, isFunction, isNumber, isString
};
", "import { useCallback } from 'react';
import { isFunction } from '../type-check/dist/reach-utils-type-
check.esm.js';
function _arrayLikeToArray(arr, len) {
  if (len == null || len > arr.length) len = arr.length;
  for (var i = 0, arr2 = new Array(len); i < len; i++) arr2[i] = arr[i];
  return arr2;
}
function
_unsupportedIterableToArray(o, minLength) {
  if (!o) return;
  if (typeof o === "string") return
_arrayLikeToArray(o, minLength);
  var n = Object.prototype.toString.call(o).slice(8, -1);
  if (n === "Object" &&
o.constructor) n = o.constructor.name;
  if (n === "Map" || n === "Set") return Array.from(o);
  if (n ===
"Arguments" || /^(?:Ui|I)nt(?:8|16|32)(?:Clamped)?Array$/.test(n)) return _arrayLikeToArray(o,
minLength);
}
function _createForOfIteratorHelperLoose(o, allowArrayLike) {
  var it;
  if (typeof Symbol
=== "undefined" || o[Symbol.iterator] == null) {
    if (Array.isArray(o) || (it = _unsupportedIterableToArray(o)) ||
allowArrayLike && o && typeof o.length === "number") {
      if (it) o = it;
      var i = 0;
      return function
() {
        if (i >= o.length) return {
          done: true
        };
        return {
          done: false,
          value:
o[i++]
        };
      };
    }
    throw new TypeError("Invalid attempt to iterate non-iterable instance.
\nIn order
to be iterable, non-array objects must have a [Symbol.iterator]() method.");
  }
  it = o[Symbol.iterator]();
  return it.next.bind(it);
}
\n\n/**
 * Passes or assigns an arbitrary value to a ref function or object.
 */
@param
ref
 */
@param value
 */
function assignRef(ref, value) {
  if (ref == null) return;
  if (isFunction(ref)) {
    ref(value);
  } else {
    try {
      ref.current = value;
    } catch (error) {
      throw new Error("Cannot assign
value '" + value + "' to ref '" + ref + "'");
    }
  }
}
\n\n/**
 * Passes or assigns a value to multiple
refs (typically a DOM node). Useful for
dealing with components that need an explicit ref for DOM calculations
but
also forwards refs assigned by an app.
 */
@param refs
 */
function
Refs to fork
 */
function
useComposedRefs() {
  for (var _len = arguments.length, refs = new Array(_len), _key = 0; _key < _len; _key++)
{
    refs[_key] = arguments[_key];
  }
  return useCallback(function (node) {
    for (var _iterator =
_createForOfIteratorHelperLoose(refs), _step; !(_step = _iterator()).done;) {
      var ref = _step.value;

```

```

assignRef(ref, node);\n } // eslint-disable-next-line react-hooks/exhaustive-deps\n\n }, refs);\n\n}\n\n\nexport {\n  assignRef, useComposedRefs };\n\n","/>  

  * Wraps a lib-defined event handler and a user-defined event handler,\n  returning\n  * a single handler that allows a user to prevent lib-defined handlers from\n  * firing.\n  * @param\n  theirHandler User-supplied event handler\n  * @param ourHandler Library-supplied event handler\n  * ^\n\nfunction\n  composeEventHandlers(theirHandler, ourHandler) {\n  return function (event) {\n    theirHandler &&\n    theirHandler(event);\n  }\n\n  if (!event.defaultPrevented) {\n    return ourHandler(event);\n  }\n\n};\n\n}\n\n\nexport {\n  composeEventHandlers };\n\n","import { useState, useCallback } from 'react';\n\n"/>  

  * Forces a re-render, similar to\n  `forceUpdate` in class components.\n  * ^\n\nfunction useForceUpdate() {\n  var _useState =\n  useState(Object.create(null)),\n    dispatch = _useState[1];\n\n  return useCallback(function () {\n    dispatch(Object.create(null));\n  }, []);\n\n}\n\n\nexport { useForceUpdate };\n\n","import { useRef, createElement } from\n  'react';\n\nimport { useIsomorphicLayoutEffect } from '@reach/utils/use-isomorphic-layout-effect';\n\nimport {\n  useForceUpdate } from '@reach/utils/use-force-update';\n\nimport { createPortal } from 'react-dom';\n\n"/>  

  * \n  * Welcome to @reach/portal!\n  * \n  * Creates and appends a DOM node to the end of `document.body` and renders\n  a\n  * React tree into it. Useful for rendering a natural React element hierarchy\n  * with a different DOM hierarchy to\n  prevent parent styles from clipping or\n  * hiding content (for popovers, dropdowns, and modals).\n  * \n  * @see Docs\n  https://reach.tech/portal\n  * @see Source https://github.com/reach/reach-ui/tree/main/packages/portal\n  * @see\n  React https://reactjs.org/docs/portals.html\n  * ^\n\n"/>  

  * Portal\n  * \n  * @see Docs https://reach.tech/portal#portal\n  * ^\n\n\nvar Portal = function Portal(_ref) {\n  var children = _ref.children,\n      _ref$type = _ref.type,\n      type =\n      _ref$type === void 0 ? `reach-portal` : _ref$type;\n  var mountNode = useRef(null);\n  var portalNode =\n  useRef(null);\n  var forceUpdate = useForceUpdate();\n  useIsomorphicLayoutEffect(function () {\n    // This ref\n    may be null when a hot-loader replaces components on the page\n    if (!mountNode.current) return; // It's possible\n    that the content of the portal has, itself, been portaled.\n    // In that case, it's important to append to the correct\n    document element.\n    var ownerDocument = mountNode.current.ownerDocument;\n    portalNode.current =\n    ownerDocument == null ? void 0 : ownerDocument.createElement(type);\n    ownerDocument.body.appendChild(portalNode.current);\n    forceUpdate();\n  }, [type,\n  forceUpdate]);\n  return portalNode.current ? /*#__PURE__*/createPortal(children, portalNode.current) :\n  /*#__PURE__*/createElement(`span`, {\n    ref: mountNode\n  });\n\n};\n\n"/>  

  * @see Docs\n  https://reach.tech/portal#portal-props\n  * ^\n\n\nif (process.env.NODE_ENV !== `production`) {\n  Portal.displayName = `Portal`;\n  ///////////////////////////////////////\n}\n\nexport default\n  Portal;\n\nexport { Portal };\n\n","import { forwardRef, createElement } from 'react';\n\nimport PropTypes from 'prop-types';\n\nfunction _extends() {\n  _extends = Object.assign || function (target) {\n    for (var i = 1; i <\n    arguments.length; i++) {\n      var source = arguments[i];\n      for (var key in source) {\n        if\n        (Object.prototype.hasOwnProperty.call(source, key)) {\n          target[key] = source[key];\n        }\n      }\n    }\n\n    return target;\n  };\n  return _extends.apply(this, arguments);\n}\n\n\nfunction\n  _objectWithoutPropertiesLoose(source, excluded) {\n  if (source == null) return {};\n  var target = {};\n  var\n  sourceKeys = Object.keys(source);\n  var key, i;\n  for (i = 0; i < sourceKeys.length; i++) {\n    key =\n    sourceKeys[i];\n    if (excluded.indexOf(key) >= 0) continue;\n    target[key] = source[key];\n  }\n  return\n  target;\n}\n\n\nvar _excluded = [\"as\", \"style\"];\n\n"/>  

  * \n  * VisuallyHidden\n  * \n  * Provides text for screen readers\n  that is visually hidden.\n  * \n  * It is the logical opposite of the `aria-hidden` attribute.\n  * ^\n\n\nvar VisuallyHidden =\n  /*#__PURE__*/forwardRef(function VisuallyHidden(_ref, ref) {\n  var _ref$as = _ref.as,\n      Comp = _ref$as ===\n  void 0 ? `span` : _ref$as,\n      _ref$style = _ref.style,\n      style = _ref$style === void 0 ? {} : _ref$style,\n  props = _objectWithoutPropertiesLoose(_ref, _excluded);\n  return /*#__PURE__*/createElement(Comp,\n  _extends({\n    ref: ref,\n    style: _extends({\n      border: 0,\n      clip: `rect(0 0 0 0)`,\n      height: `1px`,\n      margin: `1px`,\n      overflow: `hidden`,\n      padding: 0,\n      position: `absolute`,\n      width: `1px`,\n      //\n      https://medium.com/@jessebeach/beware-smushed-off-screen-accessible-text-5952a4c2cbfe\n      whiteSpace:\n      `nowrap`,\n      wordWrap: `normal`\n    }, style)\n  }, props));\n\n});\n\n"/>  

  * @see Docs

```



```

Instead, you can pass an object of options with an `onChange` property as the second argument (`useRect(ref, {
  onChange })`).\n\n" + `See https://reach.tech/rect#userect-onchange`): void 0;\n  }, [deprecated_onChange]);\n
}\n\n var _React$useState = useState(nodeRef.current),\n  element = _React$useState[0],\n  setElement =
_React$useState[1];\n\n var initialRectIsSet = useRef(false);\n  var initialRefsIsSet = useRef(false);\n  var
_React$useState2 = useState(null),\n  rect = _React$useState2[0],\n  setRect = _React$useState2[1];\n\n var
onChangeRef = useRef(onChange); // eslint-disable-next-line react-hooks/exhaustive-deps\n\n
useIsomorphicLayoutEffect(function () {\n  onChangeRef.current = onChange;\n\n  if (nodeRef.current !==
element) {\n    setElement(nodeRef.current);\n  }\n});\n useIsomorphicLayoutEffect(function () {\n  if
(element && !initialRectIsSet.current) {\n    initialRectIsSet.current = true;\n
setRect(element.getBoundingClientRect());\n  }\n }, [element]);\n useIsomorphicLayoutEffect(function () {\n
(!observe) {\n  return;\n }\n\n var elem = element; // State initializes before refs are placed, meaning the
element state will\n // be undefined on the first render. We still want the rect on the first\n // render, so initially
we'll use the nodeRef that was passed instead of\n // state for our measurements.\n\n  if (!initialRefsIsSet.current)
{\n    initialRefsIsSet.current = true;\n    elem = nodeRef.current;\n  }\n\n  if (!elem) {\n    if
(process.env.NODE_ENV !== `production`) {\n      console.warn("You need to place the ref");\n    }\n\n
return;\n  }\n\n  var observer = observeRect(elem, function (rect) {\n    onChangeRef.current === null ? void 0 :
onChangeRef.current(rect);\n    setRect(rect);\n  });\n  observer.observe();\n  return function () {\n
observer.unobserve();\n  }\n }, [observe, element, nodeRef]);\n  return rect;\n})\n\nexport default Rect;\nexport {
Rect, useRect };\n\n","import { useState, useRef, useEffect, forwardRef, Children, createElement, Fragment,
cloneElement } from 'react';\nimport { useId } from '@reach/auto-id';\nimport { getDocumentDimensions } from
'@reach/utils/get-document-dimensions';\nimport { getOwnerDocument } from '@reach/utils/owner-
document';\nimport { makeId } from '@reach/utils/make-id';\nimport { useCheckStyles } from '@reach/utils/dev-
utils';\nimport { useComposedRefs } from '@reach/utils/compose-refs';\nimport { composeEventHandlers } from
'@reach/utils/compose-event-handlers';\nimport { Portal } from '@reach/portal';\nimport { VisuallyHidden } from
'@reach/visually-hidden';\nimport { useRect } from '@reach/rect';\nimport warning from 'tiny-warning';\nimport
PropTypes from 'prop-types';\n\nfunction _extends() {\n  _extends = Object.assign || function (target) {\n    for (var
= 1; i < arguments.length; i++) {\n      var source = arguments[i];\n\n      for (var key in source) {\n        if
(Object.prototype.hasOwnProperty.call(source, key)) {\n          target[key] = source[key];\n        }\n      }\n    }\n
\n    return target;\n  };\n\n  return _extends.apply(this, arguments);\n}\n\nfunction
_objectWithoutPropertiesLoose(source, excluded) {\n  if (source == null) return {};\n  var target = {};\n  var
sourceKeys = Object.keys(source);\n  var key, i;\n\n  for (i = 0; i < sourceKeys.length; i++) {\n    key =
sourceKeys[i];\n    if (excluded.indexOf(key) >= 0) continue;\n    target[key] = source[key];\n  }\n\n  return
target;\n}\n\nvar _excluded = ["children", "label", "ariaLabel", "id", "DEBUG_STYLE"],\n  _excluded2 =
["label", "ariaLabel", "isVisible", "id"],\n  _excluded3 = ["ariaLabel", "aria-label", "as", "id",
"isVisible", "label", "position", "style", "triggerRect"],\n  _excluded4 = ["type"]; \n\nvar _on, _on2, _on3,
_on4, _on5, _states;\n\nvar MOUSE_REST_TIMEOUT = 100;\n\nvar LEAVE_TIMEOUT = 500;\n\n
//////////////////////////////////////\n\n// States\n\nvar TooltipStates;\n\n
//////////////////////////////////////\n\n// Events\n\n(function (TooltipStates) {\n\n  TooltipStates["Idle"] = "IDLE";\n  TooltipStates["Focused"] = "FOCUSED";\n  TooltipStates["Visible"] =
"VISIBLE";\n  TooltipStates["LeavingVisible"] = "LEAVING_VISIBLE";\n  TooltipStates["Dismissed"] =
"DISMISSED";\n\n})(TooltipStates || (TooltipStates = {}));\n\nvar TooltipEvents;\n\n(function (TooltipEvents) {\n\n
  TooltipEvents["Blur"] = "BLUR";\n  TooltipEvents["Focus"] = "FOCUS";\n\n  TooltipEvents["GlobalMouseMove"] = "GLOBAL_MOUSE_MOVE";\n  TooltipEvents["MouseDown"] =
"MOUSE_DOWN";\n  TooltipEvents["MouseEnter"] = "MOUSE_ENTER";\n  TooltipEvents["MouseLeave"] =
"MOUSE_LEAVE";\n  TooltipEvents["MouseMove"] = "MOUSE_MOVE";\n  TooltipEvents["Rest"] = "REST";\n  TooltipEvents["SelectWithKeyboard"] = "SELECT_WITH_KEYBOARD";\n
  TooltipEvents["TimeComplete"] = "TIME_COMPLETE";\n\n})(TooltipEvents || (TooltipEvents = {}));\n\nvar
chart = {\n  initial: TooltipStates.Idle,\n  states: (_states = {}, _states[TooltipStates.Idle] = {\n    enter:

```

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clearContextId,\n  on: (_on = {}, _on[TooltipEvents.MouseEnter] = TooltipStates.Focused,
_on[TooltipEvents.Focus] = TooltipStates.Visible, _on)\n }, _states[TooltipStates.Focused] = {\n  enter:
startRestTimer,\n  leave: clearRestTimer,\n  on: (_on2 = {}, _on2[TooltipEvents.MouseMove] =
TooltipStates.Focused, _on2[TooltipEvents.MouseLeave] = TooltipStates.Idle, _on2[TooltipEvents.MouseDown] =
TooltipStates.Dismissed, _on2[TooltipEvents.Blur] = TooltipStates.Idle, _on2[TooltipEvents.Rest] =
TooltipStates.Visible, _on2)\n }, _states[TooltipStates.Visible] = {\n  on: (_on3 = {}, _on3[TooltipEvents.Focus]
= TooltipStates.Focused, _on3[TooltipEvents.MouseEnter] = TooltipStates.Focused,
_on3[TooltipEvents.MouseLeave] = TooltipStates.LeavingVisible, _on3[TooltipEvents.Blur] =
TooltipStates.LeavingVisible, _on3[TooltipEvents.MouseDown] = TooltipStates.Dismissed,
_on3[TooltipEvents.SelectWithKeyboard] = TooltipStates.Dismissed, _on3[TooltipEvents.GlobalMouseMove] =
TooltipStates.LeavingVisible, _on3)\n }, _states[TooltipStates.LeavingVisible] = {\n  enter:
startLeavingVisibleTimer,\n  leave: function leave() {\n    clearLeavingVisibleTimer();\n    clearContextId();\n  },\n  on: (_on4 = {}, _on4[TooltipEvents.MouseEnter] = TooltipStates.Visible, _on4[TooltipEvents.Focus] =
TooltipStates.Visible, _on4[TooltipEvents.TimeComplete] = TooltipStates.Idle, _on4)\n },
_states[TooltipStates.Dismissed] = {\n  leave: function leave() {\n    clearContextId();\n  },\n  on: (_on5 = {},
_on5[TooltipEvents.MouseLeave] = TooltipStates.Idle, _on5[TooltipEvents.Blur] = TooltipStates.Idle, _on5)\n },
_states)\n};\n\n * Chart context allows us to persist some data around, in Tooltip all we use\n * is the id of the
current tooltip being interacted with.\n */\n\nvar state = {\n  value: chart.initial,\n  context: {\n    id: null\n  }\n};
////////////////////////////////////////////////////////////////\n\n// Subscriptions:\n\n// We could require apps to render a
<TooltipProvider> around the app and use\n// React context to notify Tooltips of changes to our state machine,
instead\n// we manage subscriptions ourselves and simplify the Tooltip API.\n\n// Maybe if default context could
take a hook (instead of just a static value)\n\n// that was rendered at the root for us, that'd be cool! But it
doesn't.\n\nvar subscriptions = [];\n\nfunction subscribe(fn) {\n  subscriptions.push(fn);\n  return function () {\n
subscriptions.splice(subscriptions.indexOf(fn), 1);\n  };\n}\n\nfunction notify() {\n  subscriptions.forEach(function
(fn) {\n    return fn(state);\n  });\n}\n\n////////////////////////////////////////////////////////////////\n\n// Timeouts:\n\n//
Manages when the user \"rests\" on an element. Keeps the interface from being\n// flashing tooltips all the time as
the user moves the mouse around the screen.\n\n\nvar restTimeout;\n\nfunction startRestTimer() {\n
window.clearTimeout(restTimeout);\n  restTimeout = window.setTimeout(function () {\n    send({\n      type:
TooltipEvents.Rest\n    });\n  }, MOUSE_REST_TIMEOUT);\n}\n\nfunction clearRestTimer() {\n
window.clearTimeout(restTimeout);\n} // Manages the delay to hide the tooltip after rest leaves.\n\n\nvar
leavingVisibleTimer;\n\nfunction startLeavingVisibleTimer() {\n  window.clearTimeout(leavingVisibleTimer);\n
leavingVisibleTimer = window.setTimeout(function () {\n    return send({\n      type:
TooltipEvents.TimeComplete\n    });\n  }, LEAVE_TIMEOUT);\n}\n\nfunction clearLeavingVisibleTimer() {\n
window.clearTimeout(leavingVisibleTimer);\n} // allows us to come on back later w/o entering something else first
after the\n// user leaves or dismisses\n\n\nfunction clearContextId() {\n  state.context.id = null;\n}\n\n
////////////////////////////////////////////////////////////////\n\n\n\n * useTooltip\n * @param params\n
*\n\n\nfunction useTooltip(_temp) {\n  var _ref = _temp === void 0 ? {} : _temp,\n    idProp = _ref.id,\n
onPointerEnter = _ref.onPointerEnter,\n    onPointerMove = _ref.onPointerMove,\n    onPointerLeave =
_ref.onPointerLeave,\n    onPointerDown = _ref.onPointerDown,\n    onMouseEnter = _ref.onMouseEnter,\n
onMouseMove = _ref.onMouseMove,\n    onMouseLeave = _ref.onMouseLeave,\n    onMouseDown =
_ref.onMouseDown,\n    onFocus = _ref.onFocus,\n    onBlur = _ref.onBlur,\n    onKeyDown =
_ref.onKeyDown,\n    disabled = _ref.disabled,\n    forwardedRef = _ref.ref,\n    DEBUG_STYLE =
_ref.DEBUG_STYLE;\n\n  var id = String(useId(idProp));\n\n  var _React$useState = useState(DEBUG_STYLE ?
true : isVisible(id, true)),\n    isVisible = _React$useState[0],\n    setIsVisible = _React$useState[1]; //
hopefully they always pass a ref if they ever pass one\n\n\n  var ownRef = useRef(null);\n  var ref =
useComposedRefs(forwardedRef, ownRef);\n  var triggerRect = useRect(ownRef, {\n    observe: isVisible\n });\n
useEffect(function () {\n    return subscribe(function () {\n      setIsVisible(isTooltipVisible(id));\n    });\n  }, [id]);\n
useCheckStyles(\"tooltip\");\n  useEffect(function () {\n    var ownerDocument =

```



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getOwnerDocument(ownRef.current);\n\n function listener(event) {\n  if ((event.key === "Escape" || event.key
=== "Esc") && state.value === TooltipStates.Visible) {\n    send({\n      type:
TooltipEvents.SelectWithKeyboard\n    });\n  }\n}\n\n ownerDocument.addEventListener("keydown",
listener);\n return function () {\n  return ownerDocument.removeEventListener("keydown", listener);\n };
}, []);\n useDisabledTriggerOnSafari({\n  disabled: disabled,\n  isVisible: isVisible,\n  ref: ownRef\n });\n\n function wrapMouseEvent(theirHandler, ourHandler) {\n  // Use internal MouseEvent handler only if PointerEvent
is not supported\n  if (typeof window !== "undefined" && "PointerEvent" in window) {\n    return
theirHandler;\n  }\n\n  return composeEventHandlers(theirHandler, ourHandler);\n }\n\n function
wrapPointerEventHandler(handler) {\n  return function onPointerEvent(event) {\n    // Handle pointer events only
from mouse device\n    if (event.pointerType !== "mouse") {\n      return;\n    }\n\n    handler(event);\n  };\n}\n\n function handleMouseEnter() {\n  send({\n    type: TooltipEvents.MouseEnter,\n    id: id\n });\n }\n\n function handleMouseMove() {\n  send({\n    type: TooltipEvents.MouseMove,\n    id: id\n });\n }\n\n function handleMouseLeave() {\n  send({\n    type: TooltipEvents.MouseLeave\n });\n }\n\n function
handleMouseDown() {\n  // Allow quick click from one tool to another\n  if (state.context.id === id) {\n
  send({\n    type: TooltipEvents.MouseDown\n  });\n }\n }\n\n function handleFocus() {\n  // @ts-ignore\n  if (window.__REACH_DISABLE_TOOLTIP) {\n    return;\n  }\n\n  send({\n    type: TooltipEvents.Focus,\n    id: id\n });\n }\n\n function handleBlur() {\n  // Allow quick click from one tool to another\n  if
(state.context.id === id) {\n    send({\n      type: TooltipEvents.Blur\n    });\n  }\n }\n\n function
handleKeyDown(event) {\n  if (event.key === "Enter" || event.key === "\") {\n    send({\n      type:
TooltipEvents.SelectWithKeyboard\n    });\n  }\n }\n\n var trigger = {\n  // The element that triggers the tooltip
references the tooltip element with\n  // `aria-describedby`\n  // https://www.w3.org/TR/wai-aria-practices-
1.2/#tooltip\n  "aria-describedby": isVisible ? makeId("tooltip", id) : undefined,\n  "data-state": isVisible ?
"tooltip-visible" : "tooltip-hidden",\n  "data-reach-tooltip-trigger": "",\n  ref: ref,\n  onPointerEnter:
composeEventHandlers(onPointerEnter, wrapPointerEventHandler(handleMouseEnter)),\n  onPointerMove:
composeEventHandlers(onPointerMove, wrapPointerEventHandler(handleMouseMove)),\n  onPointerLeave:
composeEventHandlers(onPointerLeave, wrapPointerEventHandler(handleMouseLeave)),\n  onPointerDown:
composeEventHandlers(onPointerDown, wrapPointerEventHandler(handleMouseDown)),\n  onMouseEnter:
wrapMouseEvent(onMouseEnter, handleMouseEnter),\n  onMouseMove: wrapMouseEvent(onMouseMove,
handleMouseMove),\n  onMouseLeave: wrapMouseEvent(onMouseLeave, handleMouseLeave),\n
onMouseDown: wrapMouseEvent(onMouseDown, handleMouseDown),\n  onFocus:
composeEventHandlers(onFocus, handleFocus),\n  onBlur: composeEventHandlers(onBlur, handleBlur),\n
onKeyDown: composeEventHandlers(onKeyDown, handleKeyDown)\n };\n\n var tooltip = {\n  id: id,\n
triggerRect: triggerRect,\n  isVisible: isVisible\n };\n return [trigger, tooltip, isVisible];\n }
\n\n ///////////////////////////////////\n\n\n * Tooltip\n * *\n * @see Docs\n
\n\n https://reach.tech/tooltip#tooltip\n *\n\n\nvar Tooltip = /*#__PURE__*/forwardRef(function (_ref2, forwardedRef)
{\n  var children = _ref2.children,\n    label = _ref2.label,\n    DEPRECATED_ariaLabel = _ref2.ariaLabel,\n
id = _ref2.id,\n    DEBUG_STYLE = _ref2.DEBUG_STYLE,\n    props = _objectWithoutPropertiesLoose(_ref2,\n
_excluded);\n\n  var child = Children.only(children);\n  process.env.NODE_ENV !== "production" ?
warning(!DEPRECATED_ariaLabel, "The `ariaLabel` prop is deprecated and will be removed from @reach/tooltip
in a future version of Reach UI. Please use `aria-label` instead.") : void 0; // We need to pass some properties from
the child into useTooltip\n // to make sure users can maintain control over the trigger's ref and events\n\n  var
_useTooltip = useTooltip({\n    id: id,\n    onPointerEnter: child.props.onPointerEnter,\n    onPointerMove:
child.props.onPointerMove,\n    onPointerLeave: child.props.onPointerLeave,\n    onPointerDown:
child.props.onPointerDown,\n    onMouseEnter: child.props.onMouseEnter,\n    onMouseMove:
child.props.onMouseMove,\n    onMouseLeave: child.props.onMouseLeave,\n    onMouseDown:
child.props.onMouseDown,\n    onFocus: child.props.onFocus,\n    onBlur: child.props.onBlur,\n    onKeyDown:
child.props.onKeyDown,\n    disabled: child.props.disabled,\n    ref: child.ref,\n    DEBUG_STYLE:
DEBUG_STYLE\n  }),\n  trigger = _useTooltip[0],\n  tooltip = _useTooltip[1];\n\n  return

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/*#__PURE__*/createElement(Fragment, null, /*#__PURE__*/cloneElement(child, trigger),
/*#__PURE__*/createElement(TooltipPopup, _extends({\n ref: forwardedRef,\n label: label,\n \"aria-label\":
DEPRECATED_ariaLabel\n }, tooltip, props));\n});\n\nif (process.env.NODE_ENV !== \"production\") {\n
Tooltip.displayName = \"Tooltip\";\n Tooltip.propTypes = {\n children: PropTypes.node.isRequired,\n label:
PropTypes.node.isRequired,\n ariaLabel: PropTypes.string\n };\n}
////////////////////////////////////////////////////////////////\n\n * TooltipPopup\n * @see Docs
https://reach.tech/tooltip#tooltippopup\n *\n\nnvar TooltipPopup = /*#__PURE__*/forwardRef(function
TooltipPopup(_ref3, forwardRef) {\n var label = _ref3.label,\n DEPRECATED_ariaLabel = _ref3.ariaLabel,\n
isVisible = _ref3.isVisible,\n id = _ref3.id,\n props = _objectWithoutPropertiesLoose(_ref3, _excluded2);\n\n
return isVisible ? /*#__PURE__*/createElement(Portal, null, /*#__PURE__*/createElement(TooltipContent,
_extends({\n ref: forwardRef,\n label: label,\n \"aria-label\": DEPRECATED_ariaLabel,\n isVisible:
isVisible\n }, props, {\n id: makeId(\"tooltip\", String(id))\n }))) : null;\n});\n\nif (process.env.NODE_ENV !==
\"production\") {\n TooltipPopup.displayName = \"TooltipPopup\";\n TooltipPopup.propTypes = {\n label:
PropTypes.node.isRequired,\n ariaLabel: PropTypes.string,\n position: PropTypes.func\n };\n}\n\n *
TooltipContent\n * We need a separate component so that useRect works inside the portal.\n * @see Docs
https://reach.tech/tooltip#tooltipcontent\n *\n\nnvar TooltipContent = /*#__PURE__*/forwardRef(function
TooltipContent(_ref4, forwardedRef) {\n var ariaLabel = _ref4.ariaLabel,\n realAriaLabel = _ref4[\"aria-
label\"],\n _ref4$as = _ref4.as,\n Comp = _ref4$as === void 0 ? \"div\" : _ref4$as,\n id = _ref4.id,\n
isVisible = _ref4.isVisible,\n label = _ref4.label,\n _ref4$position = _ref4.position,\n position =
_ref4$position === void 0 ? positionTooltip : _ref4$position,\n style = _ref4.style,\n triggerRect =
_ref4.triggerRect,\n props = _objectWithoutPropertiesLoose(_ref4, _excluded3);\n\n // The element that serves
as the tooltip container has role tooltip.\n // https://www.w3.org/TR/wai-aria-practices-1.2/#tooltip When an app
passes\n // an `aria-label`, we actually want to implement `role=\"tooltip\"` on a\n // visually hidden element inside
of the trigger. In these cases we want the\n // screen reader user to know both the content in the tooltip, but also
the\n // content in the badge. For screen reader users, the only content announced\n // to them is whatever is in the
tooltip.\n var hasAriaLabel = (realAriaLabel || ariaLabel) != null;\n var ownRef = useRef(null);\n var ref =
useComposedRefs(forwardedRef, ownRef);\n var tooltipRect = useRect(ownRef, {\n observe: isVisible\n });\n
return /*#__PURE__*/createElement(Fragment, null, /*#__PURE__*/createElement(Comp, _extends({\n role:
hasAriaLabel ? undefined : \"tooltip\"\n }, props, {\n ref: ref,\n \"data-reach-tooltip\": \"\",\n id: hasAriaLabel
? undefined : id,\n style: _extends({}, style, getStyles(position, triggerRect, tooltipRect))\n })), label),
hasAriaLabel && /*#__PURE__*/createElement(VisuallyHidden, {\n role: \"tooltip\", \n id: id\n },
realAriaLabel || ariaLabel));\n});\n\nif (process.env.NODE_ENV !== \"production\") {\n
TooltipContent.displayName = \"TooltipContent\";\n TooltipContent.propTypes = {};\n}
////////////////////////////////////////////////////////////////\n\n\nfunction getStyles(position, triggerRect, tooltipRect)
{\n var haventMeasuredTooltipYet = !tooltipRect;\n\n if (haventMeasuredTooltipYet) {\n return {\n visibility:
\"hidden\"\n };\n }\n\n return position(triggerRect, tooltipRect);\n // Default offset from the trigger (e.g., if the
tooltip is positioned above,\n // there will be 8px between the bottom of the tooltip and the top of the trigger).\n // It
feels awkward when it's perfectly aligned w/ the trigger\n\n\nvar OFFSET_DEFAULT = 8;\n\nvar positionTooltip =
function positionTooltip(triggerRect, tooltipRect, offset) {\n if (offset === void 0) {\n offset =
OFFSET_DEFAULT;\n }\n\n var _getDocumentDimension = getDocumentDimensions(),\n windowHeight =
_getDocumentDimension.height;\n\n if (!triggerRect ||
!tooltipRect) {\n return {};\n }\n\n var collisions = {\n top: triggerRect.top - tooltipRect.height < 0,\n right:
windowWidth < triggerRect.left + tooltipRect.width,\n bottom: windowHeight < triggerRect.bottom +
tooltipRect.height + offset,\n left: triggerRect.left - tooltipRect.width < 0\n };\n var directionRight =
collisions.right && !collisions.left;\n var directionUp = collisions.bottom && !collisions.top;\n return {\n left:
directionRight ? triggerRect.right - tooltipRect.width + window.pageXOffset + \"px\" : triggerRect.left +
window.pageXOffset + \"px\", \n top: directionUp ? triggerRect.top - offset - tooltipRect.height +
window.pageYOffset + \"px\" : triggerRect.top + offset + triggerRect.height + window.pageYOffset + \"px\"\n

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style;\n};\n\nexport default useThemeStyles;\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This
source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source
tree.\n *\n * @flow\n */\n\nimport * as React from 'react';\nimport ReachTooltip from '@reach/tooltip';\nimport
tooltipStyles from './Tooltip.css';\nimport useThemeStyles from '../useThemeStyles';\n\nconst Tooltip = ({\n
children,\n className = "",\n ...props\n}: {\n children: React$Node,\n className: string,\n ...}\n}) => {\n const
style = useThemeStyles();\n return (\n <ReachTooltip\n className={` ${tooltipStyles.Tooltip}
${className}`}\n style={style}\n {...props}>\n {children}\n </ReachTooltip>\n );\n};\n\nexport default
Tooltip;\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the
MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport *
as React from 'react';\nimport {useCallback} from 'react';\nimport styles from './Toggle.css';\nimport Tooltip from
'./Components/reach-ui/tooltip';\n\nexport type Props = {\n children: React$Node,\n className?: string,\n isChecked:
boolean,\n isDisabled?: boolean,\n onChange: (isChecked: boolean) => void,\n testName?: ?string,\n title?:
string,\n ...}\n};\n\nexport default function Toggle({\n children,\n className = "",\n isDisabled = false,\n
isChecked,\n onChange,\n testName,\n title,\n}: Props) {\n let defaultClassName;\n if (isDisabled) {\n
defaultClassName = styles.ToggleDisabled;\n } else if (isChecked) {\n defaultClassName = styles.ToggleOn;\n }
else {\n defaultClassName = styles.ToggleOff;\n }\n\n const handleClick = useCallback(() =>
onChange(!isChecked), [isChecked, onChange, ]);\n\n let toggle = (\n <button\n
className={` ${defaultClassName} ${className}`}\n data-testname={testName}\n disabled={isDisabled}\n
onClick={handleClick}>\n <span className={styles.ToggleContent} tabIndex=-1>\n {children}\n
</span>\n </button>\n );\n\n if (title) {\n toggle = <Tooltip label={title}>{toggle}</Tooltip>;\n }\n\n return
toggle;\n}\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the
MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport *
as React from 'react';\nimport {useCallback, useContext, useEffect, useState} from 'react';\nimport {BridgeContext}
from '../context';\nimport Toggle from './Toggle';\nimport ButtonIcon from './ButtonIcon';\n\nexport default
function InspectHostNodesToggle() {\n const [isInspecting, setIsInspecting] = useState(false);\n const bridge =
useContext(BridgeContext);\n\n const handleChange = useCallback(\n (isChecked: boolean) => {\n
setIsInspecting(isChecked);\n\n if (isChecked) {\n bridge.send('startInspectingNative');\n } else {\n
bridge.send('stopInspectingNative', false);\n }\n },\n [bridge, ]\n );\n\n useEffect(() => {\n const
onStopInspectingNative = () => setIsInspecting(false);\n bridge.addListener('stopInspectingNative',
onStopInspectingNative);\n return () =>\n bridge.removeListener('stopInspectingNative',
onStopInspectingNative);\n }, [bridge]);\n\n return (\n <Toggle\n onChange={handleChange}\n
isChecked={isInspecting}\n title="Select an element in the page to inspect it">\n <ButtonIcon
type="search" />\n </Toggle>\n );\n}\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This
source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source
tree.\n *\n * @flow\n */\n\nimport * as React from 'react';\nimport styles from './Button.css';\nimport Tooltip from
'./Components/reach-ui/tooltip';\n\nexport type Props = {\n children: React$Node,\n className?: string,\n testName?:
?string,\n title: React$Node,\n ...}\n};\n\nexport default function Button({\n children,\n className = "",\n
testName,\n title,\n ...rest\n}: Props) {\n let button = (\n <button\n className={` ${styles.Button}
${className}`}\n data-testname={testName}\n {...rest}>\n <span className={` ${styles.ButtonContent}
${className}`}\n tabIndex=-1>\n {children}\n </span>\n </button>\n );\n\n if (title) {\n button =
<Tooltip label={title}>{button}</Tooltip>;\n }\n\n return button;\n}\n", "/*\n * Copyright (c) Facebook, Inc. and
its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root
directory of this source tree.\n *\n * @flow\n */\n\nimport type {Thenable} from 'shared/ReactTypes';\n\nimport *
as React from 'react';\nimport {createContext} from 'react';\n\n// TODO (cache) Remove this cache; it is outdated
and will not work with newer APIs like startTransition.\n\n// Cache implementation was forked from the React
repo:\n// https://github.com/facebook/react/blob/main/packages/react-cache/src/ReactCache.js\n\n// This cache is
simpler than react-cache in that:\n// 1. Individual items don't need to be invalidated.\n// Profiling data is
invalidated as a whole.\n// 2. We didn't need the added overhead of an LRU cache.\n// The size of this cache is

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bounded by how many renders were profiled,\n// and it will be fully reset between profiling sessions.\n\nexport
type {Thenable};\n\ntype Suspender = {then(resolve: () => mixed, reject: () => mixed): mixed, ...};\n\ntype
PendingResult = {\n status: 0,\n value: Suspender,\n};\n\ntype ResolvedResult<Value> = {\n status: 1,\n value:
Value,\n};\n\ntype RejectedResult = {\n status: 2,\n value: mixed,\n};\n\ntype Result<Value> = PendingResult |
ResolvedResult<Value> | RejectedResult;\n\nexport type Resource<Input, Key, Value> = {\n clear(): void,\n
invalidate(Key): void,\n read(Input): Value,\n preload(Input): void,\n write(Key, Value): void,\n ...}\n};\n\nconst
Pending = 0;\nconst Resolved = 1;\nconst Rejected = 2;\n\nconst ReactCurrentDispatcher = (React: any)\n
.__SECRET_INTERNALS_DO_NOT_USE_OR_YOU_WILL_BE_FIRED.ReactCurrentDispatcher;\n\nfunction
readContext(Context) {\n const dispatcher = ReactCurrentDispatcher.current;\n if (dispatcher === null) {\n throw
new Error(\n 'react-cache: read and preload may only be called from within a '+\n 'component's render.
They are not supported in event handlers or '+\n 'lifecycle methods.',\n );\n }\n return
dispatcher.readContext(Context);\n}\n\nconst CacheContext = createContext(null);\n\ntype Config =
{useWeakMap?: boolean, ...};\n\nconst entries: Map<\n Resource<any, any, any>,\n Map<any, any> |
WeakMap<any, any>,\n> = new Map();\n\nconst resourceConfigs: Map<Resource<any, any, any>, Config> = new
Map();\n\nfunction getEntriesForResource(\n resource: any,\n): Map<any, any> | WeakMap<any, any> {\n let
entriesForResource = ((entries.get(resource): any): Map<any, any>);\n if (entriesForResource === undefined) {\n
const config = resourceConfigs.get(resource);\n entriesForResource =\n config !== undefined &&
config.useWeakMap ? new WeakMap() : new Map();\n entries.set(resource, entriesForResource);\n }\n return
entriesForResource;\n}\n\nfunction accessResult<Input, Key, Value>(\n resource: any,\n fetch: Input =>
Thenable<Value>,\n input: Input,\n key: Key,\n): Result<Value> {\n const entriesForResource =
getEntriesForResource(resource);\n const entry = entriesForResource.get(key);\n if (entry === undefined) {\n
const thenable = fetch(input);\n thenable.then(\n value => {\n if (newResult.status === Pending) {\n
const resolvedResult: ResolvedResult<Value> = (newResult: any);\n resolvedResult.status = Resolved;\n
resolvedResult.value = value;\n }\n },\n error => {\n if (newResult.status === Pending) {\n
const rejectedResult: RejectedResult = (newResult: any);\n rejectedResult.status = Rejected;\n
rejectedResult.value = error;\n }\n },\n );\n const newResult: PendingResult = {\n status: Pending,\n
value: thenable,\n }; \n entriesForResource.set(key, newResult);\n return newResult;\n } else {\n return
entry;\n }\n}\n\nexport function createResource<Input, Key, Value>(\n fetch: Input => Thenable<Value>,\n
hashInput: Input => Key,\n config?: Config = {},\n): Resource<Input, Key, Value> {\n const resource = {\n
clear(): void {\n entries.delete(resource);\n },\n\n invalidate(key: Key): void {\n const entriesForResource
= getEntriesForResource(resource);\n entriesForResource.delete(key);\n },\n\n read(input: Input): Value {\n
// Prevent access outside of render.\n readContext(CacheContext);\n\n const key = hashInput(input);\n
const result: Result<Value> = accessResult(resource, fetch, input, key);\n switch (result.status) {\n case
Pending: {\n const suspender = result.value;\n throw suspender;\n }\n case Resolved: {\n
const value = result.value;\n return value;\n }\n case Rejected: {\n const error = result.value;\n
throw error;\n }\n default:\n // Should be unreachable\n return (undefined: any);\n }\n },\n\n
preload(input: Input): void {\n // Prevent access outside of render.\n readContext(CacheContext);\n\n
const key = hashInput(input);\n accessResult(resource, fetch, input, key);\n },\n\n write(key: Key, value:
Value): void {\n const entriesForResource = getEntriesForResource(resource);\n\n const resolvedResult:
ResolvedResult<Value> = {\n status: Resolved,\n value,\n }; \n\n entriesForResource.set(key,
resolvedResult);\n },\n\n resourceConfigs.set(resource, config);\n\n return resource;\n}\n\nexport function
invalidateResources(): void {\n entries.clear();\n}\n\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n * \n *
This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source
tree.\n * \n * @flow\n */\n\nimport * as React from 'react';\nimport {createContext, useCallback, useContext,
useEffect} from 'react';\nimport {createResource} from '../cache';\nimport {BridgeContext, StoreContext} from
'../context';\nimport {TreeStateContext} from './TreeContext';\nimport {separateDisplayNameAndHOCs} from
'react-devtools-shared/src/Utils';\nimport type {OwnersList} from 'react-devtools-
shared/src/backend/types';\nimport type {\n Element,\n SerializedElement,\n} from 'react-devtools-

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shared/src/devtools/views/Components/types';\nimport type { Resource, Thenable } from '././cache';\n\ntype Context = (id: number) => Array<SerializedElement> | null;\n\nconst OwnersListContext = createContext<Context>(((null: any): Context));\n\nOwnersListContext.displayName = 'OwnersListContext';\n\ntype ResolveFn = (ownersList: Array<SerializedElement> | null) => void;\n\ntype InProgressRequest = {\n  promise: Thenable<Array<SerializedElement>>,\n  resolveFn: ResolveFn,\n};\n\nconst inProgressRequests: WeakMap<Element, InProgressRequest> = new WeakMap();\n\nconst resource: Resource<\n  Element,\n  Element,\n  Array<SerializedElement>,\n> = createResource(\n  (element: Element) => {\n    const request = inProgressRequests.get(element);\n    if (request !== null) {\n      return request.promise;\n    }\n\n    let resolveFn = ((null: any): ResolveFn);\n    const promise = new Promise(resolve => {\n      resolveFn = resolve;\n    });\n\n    inProgressRequests.set(element, {promise, resolveFn});\n\n    return promise;\n  },\n  (element: Element) => element,\n  {useWeakMap: true},\n);\n\ntype Props = {\n  children: React$Node,\n};\n\nfunction OwnersListContextController({children}: Props) {\n  const bridge = useContext(BridgeContext);\n  const store = useContext(StoreContext);\n  const {ownerID} = useContext(TreeStateContext);\n  const read = useCallback(\n    (id: number) => {\n      const element = store.getElementByID(id);\n      if (element !== null) {\n        return resource.read(element);\n      } else {\n        return null;\n      }\n    },\n    [store],\n  );\n\n  useEffect(() => {\n    const onOwnersList = (ownersList: OwnersList) => {\n      const id = ownersList.id;\n      const element = store.getElementByID(id);\n      if (element !== null) {\n        const request = inProgressRequests.get(element);\n        if (request !== null) {\n          inProgressRequests.delete(element);\n          request.resolveFn(\n            ownersList.owners === null\n              ? null\n              : ownersList.owners.map(owner => {\n                const {\n                  displayNameWithoutHOCs,\n                  hocDisplayNames,\n                } = separateDisplayNameAndHOCs(owner.displayName, owner.type);\n\n                return {\n                  ...owner,\n                  displayName: displayNameWithoutHOCs,\n                  hocDisplayNames,\n                };\n              })\n            );\n\n            bridge.addListener('ownersList', onOwnersList);\n            return () => bridge.removeListener('ownersList', onOwnersList);\n          }, [bridge, store]);\n\n          // This effect requests an updated owners list any time the selected owner changes\n          useEffect(() => {\n            if (ownerID !== null) {\n              const rendererID = store.getRendererIDForElement(ownerID);\n              if (rendererID !== null) {\n                bridge.send('getOwnersList', {id: ownerID, rendererID});\n              }\n            }\n            return () => {};\n          }, [bridge, ownerID, store]);\n\n          return (\n            <OwnersListContext.Provider value={read}>\n              {children}\n            </OwnersListContext.Provider>\n          );\n\n        }\n\n        export { OwnersListContext, OwnersListContextController};\n\n        "import { forwardRef, createElement, useRef, useEffect } from 'react';\n        import { Portal } from '@reach/portal';\n        import { useRect } from '@reach/rect';\n        import { getOwnerDocument } from '@reach/utils/owner-document';\n        import { useComposedRefs } from '@reach/utils/compose-refs';\n        import tabbable from 'tabbable';\n\n        function _objectWithoutPropertiesLoose(source, excluded) {\n          if (source == null) return {};\n          var target = {};\n          var sourceKeys = Object.keys(source);\n          var key, i;\n          for (i = 0; i < sourceKeys.length; i++) {\n            key = sourceKeys[i];\n            if (excluded.indexOf(key) >= 0) continue;\n            target[key] = source[key];\n          }\n\n          return target;\n        }\n\n        function _extends() {\n          _extends = Object.assign || function (target) {\n            for (var i = 1; i < arguments.length; i++) {\n              var source = arguments[i];\n              for (var key in source) {\n                if (Object.prototype.hasOwnProperty.call(source, key)) {\n                  target[key] = source[key];\n                }\n              }\n            }\n\n            return target;\n          };\n\n          return _extends.apply(this, arguments);\n        }\n\n        var _excluded = [\"as\", \"targetRef\", \"position\", \"unstable_observableRefs\"];\n\n        Popover\n        */\n\n        var Popover = /*#__PURE__*/forwardRef(function Popover(props, ref) {\n          return /*#__PURE__*/createElement(Portal, null, /*#__PURE__*/createElement(PopoverImpl, _extends({\n            ref: ref\n          }, props)));\n        });\n\n        if (process.env.NODE_ENV !== \"production\") {\n          Popover.displayName = \"Popover\";\n        }\n\n        PopoverImpl\n        * Popover is conditionally rendered so we can't start measuring until it shows\n        * up, so useRect needs to live down here not up in Popover\n\n        */\n\n        var PopoverImpl = /*#__PURE__*/forwardRef(function PopoverImpl(_ref, forwardedRef) {\n          var _ref$as = _ref.as,\n              Comp = _ref$as === void 0 ? \"div\" : _ref$as,\n              targetRef = _ref.targetRef,\n              _ref$position = _ref.position,\n              position = _ref$position === void 0 ? positionDefault : _ref$position,\n
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_ref$unstable_observa = _ref.unstable_observableRefs,\n    unstable_observableRefs = _ref$unstable_observa ===
void 0 ? [] : _ref$unstable_observa,\n    props = _objectWithoutPropertiesLoose(_ref, _excluded);\n\n var
popoverRef = useRef(null);\n var popoverRect = useRect(popoverRef, {\n  observe: !props.hidden\n });\n var
targetRect = useRect(targetRef, {\n  observe: !props.hidden\n });\n var ref = useComposedRefs(popoverRef,
forwardedRef);\n useSimulateTabNavigationForReactTree(targetRef, popoverRef);\n return
/*#__PURE__*/createElement(Comp, _extends({\n  \"data-reach-popover\": \"\",\n  ref: ref\n }, props, {\n
style: _extends({\n  position: \"absolute\"\n }, getStyles.apply(void 0, [position, targetRect,
popoverRect].concat(unstable_observableRefs)), props.style\n }));\n\nif (process.env.NODE_ENV !==
\"production\") {\n  PopoverImpl.displayName = \"PopoverImpl\";\n}
////////////////////////////////////\n\nfunction getStyles(position, targetRect, popoverRect)
{\n  for (var _len = arguments.length, unstable_observableRefs = new Array(_len > 3 ? _len - 3 : 0), _key = 3; _key
< _len; _key++) {\n    unstable_observableRefs[_key - 3] = arguments[_key];\n  }\n\n  return popoverRect ?
position.apply(void 0, [targetRect, popoverRect].concat(unstable_observableRefs.map(function (ref) {\n    return
ref.current;\n  }))) : {\n    visibility: \"hidden\"\n  };\n}\n\nfunction getTopPosition(targetRect, popoverRect,
isDirectionUp) {\n  return {\n    top: isDirectionUp ? targetRect.top - popoverRect.height + window.pageYOffset +
\"px\" : targetRect.top + targetRect.height + window.pageYOffset + \"px\"\n  };\n}\n\nvar positionDefault = function
positionDefault(targetRect, popoverRect) {\n  if (!targetRect || !popoverRect) {\n    return {};\n  }\n\n  var
_getCollisions = getCollisions(targetRect, popoverRect),\n    directionRight = _getCollisions.directionRight,\n
directionUp = _getCollisions.directionUp;\n\n  return _extends({\n    left: directionRight ? targetRect.right -
popoverRect.width + window.pageXOffset + \"px\" : targetRect.left + window.pageXOffset + \"px\"\n },
getTopPosition(targetRect, popoverRect, directionUp));\n}\n\nvar positionRight = function
positionRight(targetRect, popoverRect) {\n  if (!targetRect || !popoverRect) {\n    return {};\n  }\n\n  var
_getCollisions2 = getCollisions(targetRect, popoverRect),\n    directionLeft = _getCollisions2.directionLeft,\n
directionUp = _getCollisions2.directionUp;\n\n  return _extends({\n    left: directionLeft ? targetRect.left +
window.pageXOffset + \"px\" : targetRect.right - popoverRect.width + window.pageXOffset + \"px\"\n },
getTopPosition(targetRect, popoverRect, directionUp));\n}\n\nvar positionMatchWidth = function
positionMatchWidth(targetRect, popoverRect) {\n  if (!targetRect || !popoverRect) {\n    return {};\n  }\n\n  var
_getCollisions3 = getCollisions(targetRect, popoverRect),\n    directionUp = _getCollisions3.directionUp;\n\n
return _extends({\n    width: targetRect.width,\n    left: targetRect.left\n }, getTopPosition(targetRect, popoverRect,
directionUp));\n}\n\nfunction getCollisions(targetRect, popoverRect, offsetLeft, offsetBottom) {\n  if (offsetLeft
=== void 0) {\n    offsetLeft = 0;\n  }\n\n  if (offsetBottom === void 0) {\n    offsetBottom = 0;\n  }\n\n  var
collisions = {\n    top: targetRect.top - popoverRect.height < 0,\n    right: window.innerWidth < targetRect.left +
popoverRect.width - offsetLeft,\n    bottom: window.innerHeight < targetRect.bottom + popoverRect.height -
offsetBottom,\n    left: targetRect.left + targetRect.width - popoverRect.width < 0\n  };\n  var directionRight =
collisions.right && !collisions.left;\n  var directionLeft = collisions.left && !collisions.right;\n  var directionUp =
collisions.bottom && !collisions.top;\n  var directionDown = collisions.top && !collisions.bottom;\n  return {\n
directionRight: directionRight,\n  directionLeft: directionLeft,\n  directionUp: directionUp,\n  directionDown:
directionDown\n  };\n} // Heads up, my jQuery past haunts this function. This hook scopes the tab\n// order to the
React element tree, instead of the DOM tree. This way, when the\n// user navigates with tab from the targetRef, the
tab order moves into the\n// popup, and then out of the popup back to the rest of the document.\n// (We call
targetRef, triggerRef inside this function to avoid confusion with\n// event.target)\n\nfunction
useSimulateTabNavigationForReactTree(triggerRef, popoverRef) {\n  var ownerDocument =
getOwnerDocument(triggerRef.current);\n\n  function handleKeyDown(event) {\n    if (event.key === \"Tab\" &&
popoverRef.current && tabbable(popoverRef.current).length === 0) {\n      return;\n    }\n\n    if (event.key ===
\"Tab\" && event.shiftKey) {\n      if (shiftTabbedFromElementAfterTrigger(event)) {\n
focusLastTabbableInPopover(event);\n      } else if (shiftTabbedOutOfPopover(event)) {\n
focusTriggerRef(event);\n      } else if (shiftTabbedToBrowserChrome(event)) {\n
disableTabbablesInPopover();\n      }\n    } else if (event.key === \"Tab\") {\n      if

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(tabbedFromTriggerToPopover()) {\n  focusFirstPopoverTabbable(event);\n } else if  
(tabbedOutOfPopover()) {\n  focusTabbableAfterTrigger(event);\n } else if  
(tabbedToBrowserChrome(event)) {\n  disableTabbablesInPopover();\n }\n }\n }\n\n useEffect(function ()  
{\n  ownerDocument.addEventListener(\"keydown\", handleKeyDown);\n  return function () {\n    ownerDocument.removeEventListener(\"keydown\", handleKeyDown);\n  }; // eslint-disable-next-line react-  
hooks/exhaustive-deps\n }, []);\n\n function getElementAfterTrigger() {\n  var elements =  
  tabbable(ownerDocument);\n  var targetIndex = elements && triggerRef.current ?  
  elements.indexOf(triggerRef.current) : -1;\n  var elementAfterTrigger = elements && elements[targetIndex + 1];\n  return popoverRef.current && popoverRef.current.contains(elementAfterTrigger || null) ? false :  
  elementAfterTrigger;\n }\n\n function tabbedFromTriggerToPopover() {\n  return triggerRef.current ?  
  triggerRef.current === ownerDocument.activeElement : false;\n }\n\n function focusFirstPopoverTabbable(event)  
{\n  var elements = popoverRef.current && tabbable(popoverRef.current);\n  if (elements && elements[0]) {\n    event.preventDefault();\n    elements[0].focus();\n  }\n }\n\n function tabbedOutOfPopover() {\n  var  
inPopover = popoverRef.current ? popoverRef.current.contains(ownerDocument.activeElement || null) : false;\n  if (inPopover) {\n    var elements = popoverRef.current && tabbable(popoverRef.current);\n    return  
Boolean(elements && elements[elements.length - 1] === ownerDocument.activeElement);\n  }\n  return  
false;\n }\n\n function focusTabbableAfterTrigger(event) {\n  var elementAfterTrigger =  
getElementAfterTrigger();\n  if (elementAfterTrigger) {\n    event.preventDefault();\n    elementAfterTrigger.focus();\n  }\n }\n\n function shiftTabbedFromElementAfterTrigger(event) {\n  if  
(!event.shiftKey) return;\n  var elementAfterTrigger = getElementAfterTrigger();\n  return event.target ===  
elementAfterTrigger;\n }\n\n function focusLastTabbableInPopover(event) {\n  var elements =  
popoverRef.current && tabbable(popoverRef.current);\n  var last = elements && elements[elements.length -  
1];\n  if (last) {\n    event.preventDefault();\n    last.focus();\n  }\n }\n\n function  
shiftTabbedOutOfPopover(event) {\n  var elements = popoverRef.current && tabbable(popoverRef.current);\n  if (elements) {\n    return elements.length === 0 ? false : event.target === elements[0];\n  }\n  return false;\n  
}\n\n function focusTriggerRef(event) {\n  var _triggerRef$current;\n  event.preventDefault();\n  (_triggerRef$current = triggerRef.current) === null ? void 0 : _triggerRef$current.focus();\n }\n\n function  
tabbedToBrowserChrome(event) {\n  var elements = popoverRef.current ?  
tabbable(ownerDocument).filter(function (element) {\n  return !popoverRef.current.contains(element);\n }):  
null;\n  return elements ? event.target === elements[elements.length - 1] : false;\n }\n\n function  
shiftTabbedToBrowserChrome(event) {\n  // we're assuming the popover will never contain the first tabbable\n  //  
element, and it better not, because the trigger needs to be tabbable!\n  return event.target ===  
tabbable(ownerDocument)[0];\n }\n\n var restoreTabIndexTupl s = [];\n\n function disableTabbablesInPopover()  
{\n  var elements = popoverRef.current && tabbable(popoverRef.current);\n  if (elements) {\n    elements.forEach(function (element) {\n    restoreTabIndexTupl s.push([element, element.tabIndex]);\n    element.tabIndex = -1;\n  });\n  ownerDocument.addEventListener(\"focusin\", enableTabbablesInPopover);\n  
}\n }\n\n function enableTabbablesInPopover() {\n  ownerDocument.removeEventListener(\"focusin\",  
enableTabbablesInPopover);\n  restoreTabIndexTupl s.forEach(function (_ref2) {\n  var element = _ref2[0],\n  tabIndex = _ref2[1];\n  element.tabIndex = tabIndex;\n });\n }\n }\n\n\n//////////////////////////////////////\n\nexport default Popover;\nexport { Popover,  
getCollisions, positionDefault, positionMatchWidth, positionRight };  
import { createContext } from  
'react';\nfunction createNamedContext(name, defaultValue) {\n  var Ctx =  
/*#__PURE__*/createContext(defaultValue);\n  if (process.env.NODE_ENV !== \"production\") {\n    Ctx.displayName = name;\n  }\n  return Ctx;\n }\n\nexport { createNamedContext };  
import { noop } from  
'react';\nimport { useContext, useState, useCallback, createElement, useMemo } from  
'react';\nimport { useForceUpdate } from '@reach/utils/use-force-update';\nimport { useIsomorphicLayoutEffect }  
from '@reach/utils/use-isomorphic-layout-effect';\nimport { createNamedContext } from  
'@reach/utils/context';\nimport { noop } from '@reach/utils/noop';\nfunction
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_objectWithoutPropertiesLoose(source, excluded) {\n  if (source == null) return {};\n  var target = {};\n  var sourceKeys = Object.keys(source);\n  var key, i;\n  for (i = 0; i < sourceKeys.length; i++) {\n    key = sourceKeys[i];\n    if (excluded.indexOf(key) >= 0) continue;\n    target[key] = source[key];\n  }\n  return target;\n}\n\nfunction _extends() {\n  _extends = Object.assign || function (target) {\n    for (var i = 1; i < arguments.length; i++) {\n      var source = arguments[i];\n      for (var key in source) {\n        if (Object.prototype.hasOwnProperty.call(source, key)) {\n          target[key] = source[key];\n        }\n      }\n    }\n    return target;\n  };\n  return _extends.apply(this, arguments);\n}\n\nvar _excluded = ["element", "index"];\n\nfunction createDescendantContext(name, initialValue) {\n  if (initialValue === void 0) {\n    initialValue = {};\n  }\n  var descendants = [];\n  return createNamedContext(name, _extends({\n    descendants: descendants,\n    registerDescendant: noop,\n    unregisterDescendant: noop\n  }, initialValue));\n}\n\n/* This hook registers our descendant by passing it into an array. We can then search that array by to find its index when registering it in the component. We use this for focus management, keyboard navigation, and typeahead functionality for some components. The hook accepts the element node and (optionally) a key. The key is useful if multiple descendants have identical text values and we need to differentiate siblings for some reason. Our main goals with this are: 1) maximum composability, 2) minimal API friction 3) SSR compatibility 4) concurrent safe 5) index always up-to-date with the tree despite changes 6) works with memoization of any component in the tree (hopefully) As for SSR, the good news is that we don't actually need the index on the server for most use-cases, as we are only using it to determine the order of composed descendants for keyboard navigation. However, in the few cases where this is not the case, we can require an explicit index from the app.*/\n\nfunction useDescendant(descendant, context, indexProp) {\n  var forceUpdate = useForceUpdate();\n  var _React$useContext = useContext(context),\n    registerDescendant = _React$useContext.registerDescendant,\n    unregisterDescendant = _React$useContext.unregisterDescendant,\n    descendants = _React$useContext.descendants; // This will initially return -1 because we haven't registered the descendant\n  // on the first render. After we register, this will then return the correct\n  // index on the following render and we will re-register descendants so that\n  // everything is up-to-date before the user interacts with a collection.\n  var index = indexProp != null ? indexProp : descendants.findIndex(function (item) {\n    return item.element === descendant.element;\n  }); // Prevent any flashing\n  useIsomorphicLayoutEffect(function () {\n    if (!descendant.element) forceUpdate();\n    registerDescendant(_extends({}, descendant, {\n      index: index\n    }));\n    return function () {\n      unregisterDescendant(descendant.element);\n    }, [descendant, forceUpdate, index, registerDescendant, unregisterDescendant].concat(Object.values(descendant));\n  });\n  return index;\n}\n\nfunction useDescendantsInit() {\n  return useState([]);\n}\n\nfunction useDescendants(ctx) {\n  return useContext(ctx).descendants;\n}\n\nfunction DescendantProvider(_ref) {\n  var Ctx = _ref.context,\n    children = _ref.children,\n    items = _ref.items,\n    set = _ref.set;\n  var registerDescendant = useCallback(function (_ref2) {\n    var element = _ref2.element,\n        explicitIndex = _ref2.index,\n        rest = _objectWithoutPropertiesLoose(_ref2, _excluded);\n    if (!element) {\n      return;\n    }\n    set(function (items) {\n      var newItems;\n      if (explicitIndex != null) {\n        return [].concat(items, [_extends({}, rest, {\n          element: element,\n          index: explicitIndex\n        })]).sort(function (a, b) {\n          return a.index - b.index;\n        });\n      } else if (items.length === 0) {\n        // If there are no items, register at index 0 and bail.\n        newItems = [_extends({}, rest, {\n          element: element,\n          index: 0\n        })];\n      } else if (items.find(function (item) {\n        return item.element === element;\n      })) {\n        // If the element is already registered, just use the same array\n        newItems = items;\n      } else {\n        // When registering a descendant, we need to make sure we insert\n        // into the array in the same order that it appears in the DOM. So as\n        // new descendants are added or maybe some are removed, we always know\n        // that the array is up-to-date and correct.\n        // So here we look at our registered descendants and see if the new\n        // element we are adding appears earlier than an existing descendant's\n        // DOM node via `node.compareDocumentPosition`. If it does, we insert\n        // the new element at this index. Because `registerDescendant` will be\n        // called in an effect every time the descendants state value changes,\n        // we should be sure that this index is accurate when descendent\n        // elements come or go from our component.\n        var index = items.findIndex(function (item) {\n          if

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(!item.element || !element) {\n      return false;\n    } // Does this element's DOM node appear before another
item in the\n    // array in our DOM tree? If so, return true to grab the index at\n    // this point in the array so
we know where to insert the new\n    // element.\n\n    return
Boolean(item.element.compareDocumentPosition(element) & Node.DOCUMENT_POSITION_PRECEDING);\n
  });\n\n  var newItem = _extends({}, rest, {\n    element: element,\n    index: index\n  }); // If an
index is not found we will push the element to the end.\n\n  if (index === -1) {\n    newItems =
[].concat(items, [newItem]);\n  } else {\n    newItems = [].concat(items.slice(0, index), [newItem],
items.slice(index));\n  }\n\n  return newItems.map(function (item, index) {\n    return _extends({},
item, {\n      index: index\n    });\n  });\n  }, // set is a state setter initialized by the useDescendantsInit
hook.\n  // We can safely ignore the lint warning here because it will not change\n  // between renders.\n  // eslint-
disable-next-line react-hooks/exhaustive-deps\n  []);\n  var unregisterDescendant = useCallback(function (element)
{\n    if (!element) {\n      return;\n    }\n    set(function (items) {\n      return items.filter(function (item) {\n
return element !== item.element;\n    });\n  });\n  }, // set is a state setter initialized by the useDescendantsInit
hook.\n  // We can safely ignore the lint warning here because it will not change\n  // between renders.\n  // eslint-
disable-next-line react-hooks/exhaustive-deps\n  []);\n  return /*#__PURE__*/createElement(Ctx.Provider, {\n
value: useMemo(function () {\n    return {\n      descendants: items,\n      registerDescendant:
registerDescendant,\n      unregisterDescendant: unregisterDescendant\n    }, [items, registerDescendant,
unregisterDescendant])\n  }, children);\n  }\n  /**\n   * Testing this as an abstraction for compound components that use
keyboard\n   * navigation. Hoping this will help us prevent bugs and mismatched behavior\n   * across various
components, but it may also prove to be too messy of an\n   * abstraction in the end.\n   *\n   * Currently used in:\n   * -
Tabs\n   * - Accordion\n   *\n   * @param context\n   * @param options\n   */\n\n  function
useDescendantKeyDown(context, options) {\n    var _React$useContext2 = useContext(context),\n    descendants =
_React$useContext2.descendants;\n\n    var callback = options.callback,\n    currentIndex = options.currentIndex,\n
filter = options.filter,\n    _options$key = options.key,\n    key = _options$key === void 0 ? "index" :
_options$key,\n    _options$orientation = options.orientation,\n    orientation = _options$orientation === void 0 ?
"vertical" : _options$orientation,\n    _options$rotate = options.rotate,\n    rotate = _options$rotate === void 0 ?
true : _options$rotate,\n    _options$rtl = options.rtl,\n    rtl = _options$rtl === void 0 ? false : _options$rtl;\n
return function handleKeyDown(event) {\n    if (!["ArrowDown", "ArrowUp", "ArrowLeft", "ArrowRight",
"PageUp", "PageDown", "Home", "End"].includes(event.key)) {\n      return;\n    }\n\n    var index =
currentIndex != null ? currentIndex : -1; // If we use a filter function, we need to re-index our descendants array\n
// so that filtered descendent elements aren't selected.\n\n    var selectableDescendants = filter ?
descendants.filter(filter) : descendants; // We need some options for any of this to work!\n\n    if
(!selectableDescendants.length) {\n      return;\n    }\n\n    var selectableIndex =
selectableDescendants.findIndex(function (descendant) {\n      return descendant.index === currentIndex;\n    });\n\n
function getNextOption() {\n      var atBottom = index === getLastOption().index;\n      return atBottom ? rotate ?
getFirstOption() : selectableDescendants[selectableIndex] : selectableDescendants[(selectableIndex + 1) %
selectableDescendants.length];\n    }\n\n    function getPreviousOption() {\n      var atTop = index ===
getFirstOption().index;\n      return atTop ? rotate ? getLastOption() : selectableDescendants[selectableIndex] :
selectableDescendants[(selectableIndex - 1 + selectableDescendants.length) % selectableDescendants.length];\n    }\n\n
function getFirstOption() {\n      return selectableDescendants[0];\n    }\n\n    function getLastOption() {\n
return selectableDescendants[selectableDescendants.length - 1];\n    }\n\n    switch (event.key) {\n      case
"ArrowDown":\n        if (orientation === "vertical" || orientation === "both") {\n          event.preventDefault();\n
          var next = getNextOption();\n          callback(key === "option" ? next : next[key]);\n        }\n        break;\n
      case "ArrowUp":\n        if (orientation === "vertical" || orientation === "both") {\n          event.preventDefault();\n
          var prev = getPreviousOption();\n          callback(key === "option" ? prev :
prev[key]);\n        }\n        break;\n      case "ArrowLeft":\n        if (orientation === "horizontal" || orientation
=== "both") {\n          event.preventDefault();\n          var nextOrPrev = (rtl ? getNextOption :
getPreviousOption)();\n          callback(key === "option" ? nextOrPrev : nextOrPrev[key]);\n        }\n    }\n

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break;\n\n case \"ArrowRight\":\n    if (orientation === \"horizontal\" || orientation === \"both\") {\n
event.preventDefault();\n        var prevOrNext = (rtl ? getPreviousOption : getNextOption());\n        callback(key
=== \"option\" ? prevOrNext : prevOrNext[key]);\n        }\n\n break;\n\n case \"PageUp\":\n
event.preventDefault();\n        var prevOrFirst = (event.ctrlKey ? getPreviousOption : getFirstOption());\n
callback(key === \"option\" ? prevOrFirst : prevOrFirst[key]);\n        break;\n\n case \"Home\":\n
event.preventDefault();\n        var first = getFirstOption();\n        callback(key === \"option\" ? first : first[key]);\n
break;\n\n case \"PageDown\":\n        event.preventDefault();\n        var nextOrLast = (event.ctrlKey ?
getNextOption : getLastOption());\n        callback(key === \"option\" ? nextOrLast : nextOrLast[key]);\n
break;\n\n case \"End\":\n        event.preventDefault();\n        var last = getLastOption();\n        callback(key ===
\"option\" ? last : last[key]);\n        break;\n    }\n};\n}

////////////////////////////////////\n\nexport { DescendantProvider, createDescendantContext,
useDescendant, useDescendantKeyDown, useDescendants, useDescendantsInit };

/**\n * Detects right clicks\n
*\n * @param nativeEvent\n *\nfunction isRightClick(nativeEvent) {\n    return \"which\" in nativeEvent ?
nativeEvent.which === 3 : \"button\" in nativeEvent ? nativeEvent.button === 2 : false;\n}\n\nexport { isRightClick
};

import { useRef, useEffect } from 'react';

*\n * Returns the previous value of a reference after a
component update.\n
*\n * @param value\n *\nfunction usePrevious(value) {\n    var ref = useRef(null);\n
useEffect(function () {\n    ref.current = value;\n    }, [value]);\n    return ref.current;\n}\n\nexport { usePrevious
};

import { useRef, useReducer, useEffect, createElement, useContext, useMemo, forwardRef, useState,
useCallback } from 'react';\nimport { useId } from '@reach/auto-id';\nimport { Popover } from
'@reach/popover';\nimport { createDescendantContext, useDescendantsInit, DescendantProvider, useDescendants,
useDescendant, useDescendantKeyDown } from '@reach/descendants';\nimport { isRightClick } from
'@reach/utis/is-right-click';\nimport { usePrevious } from '@reach/utis/use-previous';\nimport {
getOwnerDocument } from '@reach/utis/owner-document';\nimport { createNamedContext } from
'@reach/utis/context';\nimport { isFunction, isString } from '@reach/utis/type-check';\nimport { makeId } from
'@reach/utis/make-id';\nimport { useStatefulRefValue } from '@reach/utis/use-stateful-ref-value';\nimport {
useComposedRefs } from '@reach/utis/compose-refs';\nimport { composeEventHandlers } from
'@reach/utis/compose-event-handlers';\n\nfunction _objectWithoutPropertiesLoose(source, excluded) {\n    if
(source == null) return {};\n    var target = {};\n    var sourceKeys = Object.keys(source);\n    var key, i;\n    for (i = 0; i
< sourceKeys.length; i++) {\n        key = sourceKeys[i];\n        if (excluded.indexOf(key) >= 0) continue;\n        target[key]
= source[key];\n    }\n    return target;\n}\n\nfunction _extends() {\n    _extends = Object.assign || function (target) {\n
for (var i = 1; i < arguments.length; i++) {\n        var source = arguments[i];\n        for (var key in source) {\n            if
(Object.prototype.hasOwnProperty.call(source, key)) {\n                target[key] = source[key];\n            }\n        }\n    }\n
return target;\n};\n\nreturn _extends.apply(this, arguments);\n}\n\nvar _excluded = [\"onKeyDown\",
\"onMouseDown\", \"id\", \"ref\"],\n    _excluded2 = [\"as\"],\n    _excluded3 = [\"index\", \"isLink\", \"onClick\",
\"onDragStart\", \"onMouseDown\", \"onMouseEnter\", \"onMouseLeave\", \"onMouseMove\", \"onMouseUp\",
\"onSelect\", \"disabled\", \"onFocus\", \"valueText\", \"ref\"],\n    _excluded4 = [\"as\"],\n    _excluded5 = [\"id\",
\"onKeyDown\", \"ref\"],\n    _excluded6 = [\"as\"],\n    _excluded7 = [\"onBlur\", \"portal\", \"position\", \"ref\"],\n
_excluded8 = [\"as\"];\n\n////////////////////////////////////\n\n// Actions\nvar
CLEAR_SELECTION_INDEX = \"CLEAR_SELECTION_INDEX\";\nvar CLICK_MENU_ITEM =
\"CLICK_MENU_ITEM\";\nvar CLOSE_MENU = \"CLOSE_MENU\";\nvar OPEN_MENU_AT_FIRST_ITEM =
\"OPEN_MENU_AT_FIRST_ITEM\";\nvar OPEN_MENU_AT_INDEX = \"OPEN_MENU_AT_INDEX\";\nvar
OPEN_MENU_CLEARED = \"OPEN_MENU_CLEARED\";\nvar SEARCH_FOR_ITEM =
\"SEARCH_FOR_ITEM\";\nvar SELECT_ITEM_AT_INDEX = \"SELECT_ITEM_AT_INDEX\";\nvar
SET_BUTTON_ID = \"SET_BUTTON_ID\";\nvar DropdownDescendantContext =
/*#__PURE__*/createDescendantContext(\"DropdownDescendantContext\");\nvar DropdownContext =
/*#__PURE__*/createNamedContext(\"DropdownContext\", {});\nvar initialState = {\n    // The button ID is needed
for aria controls and can be set directly and\n    // updated for top-level use via context. Otherwise a default is set by
useId.\n    // TODO: Consider deprecating direct ID in 1.0 in favor of id at the top level\n    //     for passing

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}, [triggerId, dispatch, id]);\n\n function handleKeyDown(event) {\n  switch (event.key) {\n    case\n    \"ArrowDown\":\n      case \"ArrowUp\":\n        event.preventDefault(); // prevent scroll\n        dispatch({\n          type: OPEN_MENU_AT_INDEX,\n          payload: {\n            index: firstNonDisabledIndex\n          }\n        });\n        break;\n      case \"Enter\":\n        case \"\":\n          dispatch({\n            type: OPEN_MENU_AT_INDEX,\n            payload: {\n              index: firstNonDisabledIndex\n            }\n          });\n          break;\n        }\n  }\n\n  function\n  handleMouseDown(event) {\n    if (isRightClick(event.nativeEvent)) {\n      return;\n    }\n\n    mouseDownStartPosRef.current = {\n      x: event.clientX,\n      y: event.clientY\n    };\n\n    if (!isExpanded) {\n      triggerClickedRef.current = true;\n    }\n\n    if (isExpanded) {\n      dispatch({\n        type: CLOSE_MENU\n      });\n    } else {\n      dispatch({\n        type: OPEN_MENU_CLEARED\n      });\n    }\n\n    return {\n      data: {\n        isExpanded: isExpanded,\n        controls: dropdownId\n      },\n      props: _extends({}, props, {\n        ref: ref,\n        id:\n        triggerId || undefined,\n        onKeyDown: composeEventHandlers(onKeyDown, handleKeyDown),\n        onMouseDown: composeEventHandlers(onMouseDown, handleMouseDown),\n        type: \"button\"\n      })\n    };\n  }\n\n  nvar DropdownTrigger = /*#__PURE__*/forwardRef(function (_ref3, forwardedRef) {\n    var _ref3$as =\n    _ref3.as,\n    Comp = _ref3$as === void 0 ? \"button\" : _ref3$as,\n    rest =\n    _objectWithoutPropertiesLoose(_ref3, _excluded2);\n\n    var _useDropdownTrigger =\n    useDropdownTrigger(_extends({}, rest, {\n      ref: forwardedRef\n    })),\n    props =\n    _useDropdownTrigger.props;\n\n    return /*#__PURE__*/createElement(Comp, _extends({\n      \"data-reach-\n      dropdown-trigger\": \"\"\n    }, props));\n  });\n\n  if (process.env.NODE_ENV !== \"production\") {\n    DropdownTrigger.displayName = \"DropdownTrigger\";\n  }\n\n  ///////////////////////////////////////////\n\n  function useDropdownItem(_ref4) {\n    var indexProp\n    = _ref4.index,\n    _ref4$isLink = _ref4.isLink,\n    isLink = _ref4$isLink === void 0 ? false : _ref4$isLink,\n    onClick = _ref4.onClick,\n    onDragStart = _ref4.onDragStart,\n    onMouseDown = _ref4.onMouseDown,\n    onMouseEnter = _ref4.onMouseEnter,\n    onMouseLeave = _ref4.onMouseLeave,\n    onMouseMove =\n    _ref4.onMouseMove,\n    onMouseUp = _ref4.onMouseUp,\n    onSelect = _ref4.onSelect,\n    disabled =\n    _ref4.disabled,\n    onFocus = _ref4.onFocus,\n    valueTextProp = _ref4.valueText,\n    forwardedRef =\n    _ref4.ref,\n    props = _objectWithoutPropertiesLoose(_ref4, _excluded3);\n\n    var _useDropdownContext2 =\n    useDropdownContext(),\n    dispatch = _useDropdownContext2.dispatch,\n    dropdownRef =\n    _useDropdownContext2.dropdownRef,\n    mouseDownStartPosRef =\n    _useDropdownContext2.mouseDownStartPosRef,\n    readyToSelect = _useDropdownContext2.readyToSelect,\n    selectCallbacks = _useDropdownContext2.selectCallbacks,\n    triggerRef =\n    _useDropdownContext2.triggerRef,\n    _useDropdownContext2$ = _useDropdownContext2.state,\n    selectionIndex = _useDropdownContext2$.selectionIndex,\n    isExpanded =\n    _useDropdownContext2$.isExpanded;\n\n    var ownRef = useRef(null); // After the ref is mounted to the DOM node,\n    we check to see if we have an\n    // explicit valueText prop before looking for the node's textContent for\n    //\n    typeahead functionality.\n\n    var _React$useState = useState(valueTextProp || \"\"),\n    valueText =\n    _React$useState[0],\n    setValueText = _React$useState[1];\n\n    var setValueTextFromDOM =\n    useCallback(function (node) {\n      if (!valueTextProp && node != null && node.textContent) {\n        setValueText(node.textContent);\n      }\n    }, [valueTextProp]);\n\n    var mouseEventStarted = useRef(false);\n\n    var _useStatefulRefValue = useStatefulRefValue(ownRef, null),\n    element = _useStatefulRefValue[0],\n    handleRefSet = _useStatefulRefValue[1];\n\n    var descendant = useMemo(function () {\n      return {\n        element:\n        element,\n        key: valueText,\n        disabled: disabled,\n        isLink: isLink\n      };\n    }, [disabled, element, isLink,\n    valueText]);\n\n    var index = useDescendant(descendant, DropdownDescendantContext, indexProp);\n\n    var isSelected\n    = index === selectionIndex && !disabled;\n\n    var ref = useComposedRefs(forwardedRef, handleRefSet,\n    setValueTextFromDOM);\n\n    // Update the callback ref array on every render\n\n    selectCallbacks.current[index] =\n    onSelect;\n\n    function select() {\n      focus(triggerRef.current);\n      onSelect && onSelect();\n      dispatch({\n        type: CLICK_MENU_ITEM\n      });\n    }\n\n    function handleClick(event) {\n      if (isRightClick(event.nativeEvent))\n      {\n        return;\n      }\n\n      if (isLink) {\n        if (disabled) {\n          event.preventDefault();\n        } else {\n          select();\n        }\n      }\n    }\n\n    function handleDragStart(event) {\n      // Because we don't preventDefault on

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mousedown for links (we need the\n // native click event), clicking and holding on a link triggers a\n // dragstart
which we don't want.\n if (isLink) {\n event.preventDefault();\n }\n }\n\n function
handleMouseDown(event) {\n if (isRightClick(event.nativeEvent)) {\n return;\n }\n\n if (isLink) {\n //
Signal that the mouse is down so we can call the right function if the\n // user is clicking on a link.\n
mouseEventStarted.current = true;\n } else {\n event.preventDefault();\n }\n }\n\n function
handleMouseEnter(event) {\n var doc = getOwnerDocument(dropdownRef.current);\n\n if (!isSelected &&
index != null && !disabled) {\n if (dropdownRef != null && dropdownRef.current && dropdownRef.current
!== doc.activeElement && ownRef.current !== doc.activeElement) {\n dropdownRef.current.focus();\n
}\n\n dispatch({\n type: SELECT_ITEM_AT_INDEX,\n payload: {\n index: index\n }\n
});\n }\n }\n\n function handleMouseLeave(event) {\n // Clear out selection when mouse over a non-dropdown-
item child.\n dispatch({\n type: CLEAR_SELECTION_INDEX\n });\n }\n\n function
handleMouseMove(event) {\n if (!readyToSelect.current) {\n var threshold = 8;\n var deltaX =
Math.abs(event.clientX - mouseDownStartPosRef.current.x);\n var deltaY = Math.abs(event.clientY -
mouseDownStartPosRef.current.y);\n\n if (deltaX > threshold || deltaY > threshold) {\n
readyToSelect.current = true;\n }\n }\n\n if (!isSelected && index != null && !disabled) {\n dispatch({\n
type: SELECT_ITEM_AT_INDEX,\n payload: {\n index: index,\n dropdownRef: dropdownRef\n
}\n });\n }\n }\n\n function handleFocus() {\n readyToSelect.current = true;\n\n if (!isSelected &&
index != null && !disabled) {\n dispatch({\n type: SELECT_ITEM_AT_INDEX,\n payload: {\n
index: index\n }\n });\n }\n }\n\n function handleMouseUp(event) {\n if
(isRightClick(event.nativeEvent)) {\n return;\n }\n\n if (!readyToSelect.current) {\n readyToSelect.current
= true;\n return;\n }\n\n if (isLink) {\n // If a mousedown event was initiated on a link item followed by a
mouseup\n // event on the same link, we do nothing; a click event will come next and\n // handle selection.
Otherwise, we trigger a click event.\n if (mouseEventStarted.current) {\n mouseEventStarted.current =
false;\n } else if (ownRef.current) {\n ownRef.current.click();\n }\n } else {\n if (!disabled) {\n
select();\n }\n }\n }\n\n useEffect(function () {\n if (isExpanded) {\n // When the dropdown opens, wait
for about half a second before enabling\n // selection. This is designed to mirror dropdown menus on macOS,
where\n // opening a menu on top of a trigger would otherwise result in an\n // immediate accidental selection
once the click trigger is released.\n var id = window.setTimeout(function () {\n readyToSelect.current =
true;\n }, 400);\n return function () {\n window.clearTimeout(id);\n }; \n } else {\n // When the
dropdown closes, reset readyToSelect for the next interaction.\n readyToSelect.current = false;\n }\n },
[isExpanded, readyToSelect]); // Any time a mouseup event occurs anywhere in the document, we reset the\n //
mouseEventStarted ref so we can check it again when needed.\n\n useEffect(function () {\n var ownerDocument
= getOwnerDocument(ownRef.current);\n ownerDocument.addEventListener("mouseup", listener);\n return
function () {\n ownerDocument.removeEventListener("mouseup", listener);\n }; \n\n function listener() {\n
mouseEventStarted.current = false;\n }\n }, []);\n return {\n data: {\n disabled: disabled\n },\n props:
_extends({\n id: useItemId(index),\n tabIndex: -1\n }, props, {\n ref: ref,\n "data-disabled": disabled
? "" : undefined,\n "data-selected": isSelected ? "" : undefined,\n "data-valuetext": valueText,\n
onClick: composeEventHandlers(onClick, handleClick),\n onDragStart: composeEventHandlers(onDragStart,
handleDragStart),\n onMouseDown: composeEventHandlers(onMouseDown, handleMouseDown),\n
onMouseEnter: composeEventHandlers(onMouseEnter, handleMouseEnter),\n onMouseLeave:
composeEventHandlers(onMouseLeave, handleMouseLeave),\n onMouseMove:
composeEventHandlers(onMouseMove, handleMouseMove),\n onFocus: composeEventHandlers(onFocus,
handleFocus),\n onMouseUp: composeEventHandlers(onMouseUp, handleMouseUp)\n })\n }; \n\n /**\n *
DropdownItem\n */\n\n nvar DropdownItem = /*#__PURE__*/forwardRef(function (_ref5, forwardedRef) {\n var
_ref5$as = _ref5.as,\n Comp = _ref5$as === void 0 ? "div" : _ref5$as,\n rest =
_objectWithoutPropertiesLoose(_ref5, _excluded4);\n\n var _useDropdownItem = useDropdownItem(_extends({},
rest, {\n ref: forwardedRef\n })),\n props = _useDropdownItem.props;\n\n return
/*#__PURE__*/createElement(Comp, _extends({\n "data-reach-dropdown-item": ""\n }, props));\n });\n\n nif

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(process.env.NODE_ENV !== \"production\") {\n  DropdownItem.displayName = \"DropdownItem\";\n}
////////////////////////////////////\n\nfunction useDropdownItems(_ref6) {\n  _ref6.id;\n  var onKeyDown = _ref6.onKeyDown,\n      forwardedRef = _ref6.ref,\n      props =\n      _objectWithoutPropertiesLoose(_ref6, _excluded5);\n\n  var _useDropdownContext3 = useDropdownContext(),\n      dispatch = _useDropdownContext3.dispatch,\n      triggerRef = _useDropdownContext3.triggerRef,\n      dropdownRef = _useDropdownContext3.dropdownRef,\n      selectCallbacks =\n      _useDropdownContext3.selectCallbacks,\n      dropdownId = _useDropdownContext3.dropdownId,\n      _useDropdownContext3$ = _useDropdownContext3.state,\n      isExpanded =\n      _useDropdownContext3$.isExpanded,\n      triggerId = _useDropdownContext3$.triggerId,\n      selectionIndex =\n      _useDropdownContext3$.selectionIndex,\n      typeaheadQuery = _useDropdownContext3$.typeaheadQuery;\n\n  var items = useDropdownDescendants();\n  var ref = useComposedRefs(dropdownRef, forwardedRef);\n\n  useEffect(function () {\n    // Respond to user char key input with typeahead\n    var match =\n    findItemFromTypeahead(items, typeaheadQuery);\n\n    if (typeaheadQuery && match !== null) {\n      dispatch({\n        type: SELECT_ITEM_AT_INDEX,\n        payload: {\n          index: match,\n          dropdownRef:\n          dropdownRef\n        }\n      });\n\n      var timeout = window.setTimeout(function () {\n        return\n        typeaheadQuery && dispatch({\n          type: SEARCH_FOR_ITEM,\n          payload: \"\"\n        });\n      }, 1000);\n\n      return function () {\n        return window.clearTimeout(timeout);\n      }, [dispatch, items, typeaheadQuery,\n      dropdownRef];\n\n      var prevItemsLength = usePrevious(items.length);\n      var prevSelected =\n      usePrevious(items[selectionIndex]);\n      var prevSelectionIndex = usePrevious(selectionIndex);\n\n      useEffect(function\n      () {\n        if (selectionIndex > items.length - 1) {\n          // If for some reason our selection index is larger than our\n          possible\n          // index range (let's say the last item is selected and the list\n          // dynamically updates), we need to\n          select the last item in the list.\n          dispatch({\n            type: SELECT_ITEM_AT_INDEX,\n            payload: {\n              index: items.length - 1,\n              dropdownRef: dropdownRef\n            }\n          });\n        } else if ( // Checks if\n        // - item\n        length has changed\n        // - selection index has not changed BUT selected item has changed\n        /\n        // This\n        prevents any dynamic adding/removing of items from actually\n        // changing a user's expected selection.\n        prevItemsLength !== items.length && selectionIndex > -1 && prevSelected && prevSelectionIndex ===\n        selectionIndex && items[selectionIndex] !== prevSelected) {\n          dispatch({\n            type:\n            SELECT_ITEM_AT_INDEX,\n            payload: {\n              index: items.findIndex(function (i) {\n                return i.key\n                === (prevSelected === null ? void 0 : prevSelected.key);\n              }),\n              dropdownRef: dropdownRef\n            }\n          });\n        }\n      }, [dropdownRef, dispatch, items, prevItemsLength, prevSelected, prevSelectionIndex,\n      selectionIndex]);\n\n      var handleKeyDown = composeEventHandlers(function handleKeyDown(event) {\n        var key =\n        event.key;\n\n        if (!isExpanded) {\n          return;\n        }\n\n        switch (key) {\n          case \"Enter\":\n          case \" \":\n\n            var selected = items.find(function (item) {\n              return item.index === selectionIndex;\n            }); // For links, the\n            Enter key will trigger a click by default, but for\n            // consistent behavior across items we'll trigger a click when\n            the\n            // spacebar is pressed.\n            if (selected && !selected.disabled) {\n              event.preventDefault();\n\n              if (selected.isLink && selected.element) {\n                selected.element.click();\n              } else {\n                // Focus the\n                button first by default when an item is selected.\n                // We fire the onSelect callback next so the app can\n                manage\n                // focus if needed.\n                focus(triggerRef.current);\n\n                selectCallbacks.current[selected.index] && selectCallbacks.current[selected.index]();\n\n                dispatch({\n                  type: CLICK_MENU_ITEM\n                });\n              }\n            }\n\n            break;\n\n          case \"Escape\":\n\n            focus(triggerRef.current);\n            dispatch({\n              type: CLOSE_MENU\n            });\n            break;\n\n          case\n          \"Tab\":\n            // prevent leaving\n            event.preventDefault();\n            break;\n\n          default:\n            // Check if a user\n            is typing some char keys and respond by setting\n            // the query state.\n            if (isString(key) && key.length ===\n            1) {\n              var query = typeaheadQuery + key.toLowerCase();\n              dispatch({\n                type:\n                SEARCH_FOR_ITEM,\n                payload: query\n              });\n            }\n            break;\n        }\n      },\n      useDescendantKeyDown(DropdownDescendantContext, {\n        currentIndex: selectionIndex,\n        orientation:\n        \"vertical\",\n        rotate: false,\n        filter: function filter(item) {\n          return !item.disabled;\n        },\n        callback: function\n        callback(index) {\n          dispatch({\n            type: SELECT_ITEM_AT_INDEX,\n            payload: {\n              index:\n

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index,\n      dropdownRef: dropdownRef\n    });\n  },\n  key: \"index\"\n  });\n  return {\n    data: {\n      activeDescendant: useItemId(selectionIndex) || undefined,\n      triggerId: triggerId\n    },\n    props: _extends({\n      tabIndex: -1\n    }, props, {\n      ref: ref,\n      id: dropdownId,\n      onKeyDown:\n        composeEventHandlers(onKeyDown, handleKeyDown)\n    })\n  });\n  /**\n   * DropdownItem\n   */\n  nvar\n  DropdownItems = /*#__PURE__*/forwardRef(function (_ref7, forwardedRef) {\n    var _ref7$as = _ref7.as,\n        Comp = _ref7$as === void 0 ? \"div\" : _ref7$as,\n        rest = _objectWithoutPropertiesLoose(_ref7,\n        _excluded6);\n    var _useDropdownItems = useDropdownItems(_extends({}, rest, {\n      ref: forwardedRef\n    })),\n        props = _useDropdownItems.props;\n    return /*#__PURE__*/createElement(Comp, _extends({\n      \"data-reach-dropdown-items\": \"\"\n    }, props));\n  });\n  if (process.env.NODE_ENV !== \"production\") {\n    DropdownItems.displayName = \"DropdownItems\";\n  }\n  ///////////////////////////////////////////\n  function useDropdownPopover(_ref8) {\n    var onBlur = _ref8.onBlur,\n        _ref8$portal = _ref8.portal,\n        portal = _ref8$portal === void 0 ? true : _ref8$portal,\n        position = _ref8.position,\n        forwardedRef = _ref8.ref,\n        props = _objectWithoutPropertiesLoose(_ref8,\n        _excluded7);\n    var _useDropdownContext4 = useDropdownContext(),\n        triggerRef =\n        _useDropdownContext4.triggerRef,\n        triggerClickedRef = _useDropdownContext4.triggerClickedRef,\n        dispatch = _useDropdownContext4.dispatch,\n        dropdownRef = _useDropdownContext4.dropdownRef,\n        popoverRef = _useDropdownContext4.popoverRef,\n        isExpanded =\n        _useDropdownContext4.state.isExpanded;\n    var ref = useComposedRefs(popoverRef, forwardedRef);\n    useEffect(function () {\n      if (!isExpanded) {\n        return;\n      }\n      var ownerDocument =\n        getOwnerDocument(popoverRef.current);\n      function listener(event) {\n        if (triggerClickedRef.current) {\n          triggerClickedRef.current = false;\n        } else if (!popoverContainsEventTarget(popoverRef.current, event.target)) {\n          // We on want to close only if focus rests outside the dropdown\n          dispatch({\n            type:\n            CLOSE_MENU\n          });\n        }\n        ownerDocument.addEventListener(\"mousedown\", listener); // see\n        https://github.com/reach/reach-ui/pull/700#discussion_r530369265\n        ownerDocument.addEventListener(\"touchstart\", listener);\n        return function () {\n          ownerDocument.removeEventListener(\"mousedown\", listener); //\n          ownerDocument.removeEventListener(\"touchstart\", listener);\n        }; \n      }, [triggerClickedRef, triggerRef, dispatch,\n        dropdownRef, popoverRef, isExpanded]);\n    return {\n      data: {\n        portal: portal,\n        position: position,\n        targetRef: triggerRef,\n        isExpanded: isExpanded\n      },\n      props: _extends({\n        ref: ref,\n        hidden:\n        !isExpanded,\n        onBlur: composeEventHandlers(onBlur, function (event) {\n          if\n          (event.currentTarget.contains(event.relatedTarget)) {\n            return;\n          }\n          dispatch({\n            type:\n            CLOSE_MENU\n          });\n        })\n      }, props)\n    }; \n  }\n  nvar DropdownPopover =\n  /*#__PURE__*/forwardRef(function (_ref9, forwardedRef) {\n    var _ref9$as = _ref9.as,\n        Comp = _ref9$as ===\n        void 0 ? \"div\" : _ref9$as,\n        rest = _objectWithoutPropertiesLoose(_ref9, _excluded8);\n    var\n        _useDropdownPopover = useDropdownPopover(_extends({}, rest, {\n          ref: forwardedRef\n        })),\n        _useDropdownPopover$d = _useDropdownPopover.data,\n        portal = _useDropdownPopover$d.portal,\n        targetRef = _useDropdownPopover$d.targetRef,\n        position = _useDropdownPopover$d.position,\n        props =\n        _useDropdownPopover.props;\n    var sharedProps = {\n      \"data-reach-dropdown-popover\": \"\"\n    }; \n    return\n    portal ? /*#__PURE__*/createElement(Popover, _extends({}, props, sharedProps, {\n      as: Comp,\n      targetRef:\n      targetRef,\n      position: position\n    })): /*#__PURE__*/createElement(Comp, _extends({}, props,\n    sharedProps));\n  });\n  if (process.env.NODE_ENV !== \"production\") {\n    DropdownPopover.displayName =\n    \"DropdownPopover\";\n  }\n  ///////////////////////////////////////////\n  /**\n   * When a user's typed\n   input matches the string displayed in an item, it is\n   * expected that the matching item is selected. This is our\n   matching function.\n   */\n  nfunction findItemFromTypeahead(items, string) {\n    if (string === void 0) {\n      string = \"\";\n    }\n    if (!string) {\n      return null;\n    }\n    var found = items.find(function (item) {\n      var _item$element,\n          _item$element$daset,\n          _item$element$daset2;\n      return item.disabled ? false : (_item$element = item.element)\n      == null ? void 0 : (_item$element$daset = _item$element.dataset) == null ? void 0 : (_item$element$daset2 =\n      _item$element$daset.valuetext) == null ? void 0 : _item$element$daset2.toLowerCase().startsWith(string);\n    });\n  }\n
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*\nvar Menu = /*#__PURE__*/forwardRef(function (_ref, forwardedRef) {\n  var _ref$as = _ref.as,\n    Comp = _ref$as === void 0 ? Fragment : _ref$as,\n    id = _ref.id,\n    children = _ref.children,\n    rest = _objectWithoutPropertiesLoose(_ref, _excluded);\n\n  useCheckStyles("menu-button");\n  var parentIsFragment = useMemo(function () {\n    try {\n      // To test if the component renders a fragment we need to actually\n      // render it, but this may throw an error since we can't predict what is\n      // actually provided. There's technically a small chance that this could\n      // get it wrong but I don't think it's too likely in practice.\n      return isFragment( /*#__PURE__*/createElement(Comp, null));\n    } catch (err) {\n      return false;\n    }\n  }, [Comp]);\n  var props = parentIsFragment ? {} : _extends({\n    ref: forwardedRef,\n    id: id,\n    "data-reach-menu": ""\n  }, rest);\n  return /*#__PURE__*/createElement(Comp, props, /*#__PURE__*/createElement(DropdownProvider, {\n    id: id,\n    children: children\n  }));\n});\n\n/**\n * @see Docs https://reach.tech/menu-button#menu-props\n */\n\nif (process.env.NODE_ENV !== "production") {\n  Menu.displayName = "Menu";\n  Menu.propTypes = {\n    children: /*#__PURE__*/PropTypes.oneOfType([PropTypes.func, PropTypes.node])\n  };\n}\n\n////////////////////////////////////\n\n/**\n * MenuItem\n * Wraps a DOM `button` that toggles the opening and closing of the dropdown\n * menu. Must be rendered inside of a ``.\n * @see Docs https://reach.tech/menu-button#menubutton\n */\n\nvar MenuItem = /*#__PURE__*/forwardRef(function (_ref2, forwardedRef) {\n  var _ref2$as = _ref2.as,\n    Comp = _ref2$as === void 0 ? "button" : _ref2$as,\n    rest = _objectWithoutPropertiesLoose(_ref2, _excluded2);\n\n  var _useDropdownTrigger = useDropdownTrigger(_extends({}, rest, {\n    ref: forwardedRef\n  })),\n    _useDropdownTrigger$d = _useDropdownTrigger.data,\n    isExpanded = _useDropdownTrigger$d.isExpanded,\n    controls = _useDropdownTrigger$d.controls,\n    props = _useDropdownTrigger.d.props;\n\n  return /*#__PURE__*/createElement(Comp // When the menu is displayed, the element with role `button` has\n  // `aria-expanded` set to `true`. When the menu is hidden, it is\n  // recommended that `aria-expanded` is not present.\n  // https://www.w3.org/TR/wai-aria-practices-1.2/#menubutton\n  , _extends({\n    "aria-expanded": isExpanded ? true : undefined // The element with role `button` has `aria-haspopup` set to either\n    // `\"menu\"` or `true`.\n    // https://www.w3.org/TR/wai-aria-practices-1.2/#menubutton\n    ,\n    "aria-haspopup": true // Optionally, the element with role `button` has a value specified for\n    // `aria-controls` that refers to the element with role `menu`.\n    // https://www.w3.org/TR/wai-aria-practices-1.2/#menubutton\n    ,\n    "aria-controls": controls\n  }, props, {\n    "data-reach-menu-button": ""\n  }));\n});\n\n/**\n * @see Docs https://reach.tech/menu-button#menubutton-props\n */\n\nif (process.env.NODE_ENV !== "production") {\n  MenuItem.displayName = "MenuItem";\n  MenuItem.propTypes = {\n    children: PropTypes.node\n  };\n}\n\n////////////////////////////////////\n\n/**\n * MenuItemImpl\n * MenuItem and MenuItemImpl share most of the same functionality captured here.\n */\n\nvar MenuItemImpl = /*#__PURE__*/forwardRef(function (_ref3, forwardedRef) {\n  var _ref3$as = _ref3.as,\n    Comp = _ref3$as === void 0 ? "div" : _ref3$as,\n    rest = _objectWithoutPropertiesLoose(_ref3, _excluded3);\n\n  var _useDropdownItem = useDropdownItem(_extends({}, rest, {\n    ref: forwardedRef\n  })),\n    disabled = _useDropdownItem.data.disabled,\n    props = _useDropdownItem.d.props;\n\n  return /*#__PURE__*/createElement(Comp, _extends({\n    role: "menuItem"\n  }, props, {\n    "aria-disabled": disabled || undefined,\n    "data-reach-menu-item": ""\n  }));\n});\n\n////////////////////////////////////\n\n/**\n * MenuItem\n * MenuItem\n * Handles menu selection. Must be a direct child of a ``.\n * @see Docs https://reach.tech/menu-button#menuitem\n */\n\nvar MenuItem = /*#__PURE__*/forwardRef(function (_ref4, forwardedRef) {\n  var _ref4$as = _ref4.as,\n    as = _ref4$as === void 0 ? "div" : _ref4$as,\n    props = _objectWithoutPropertiesLoose(_ref4, _excluded4);\n\n  return /*#__PURE__*/createElement(MenuItemImpl, _extends({}, props, {\n    ref: forwardedRef,\n    as: as\n  }));\n});\n\n/**\n * @see Docs https://reach.tech/menu-button#menuitem-props\n */\n\nif (process.env.NODE_ENV !== "production") {\n  MenuItem.displayName = "MenuItem";\n  MenuItem.propTypes = {\n    as: PropTypes.any,\n    onSelect: PropTypes.func.isRequired\n  };\n}\n\n////////////////////////////////////\n\n/**\n * MenuItem\n * MenuItem\n * A low-level wrapper for menu items. Compose it with `MenuPopover` for more\n * control over the nested components and their rendered

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DOM nodes, or if you need to nest arbitrary components between the outer wrapper and your list.

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@see Docs https://reach.tech/menu-button#menuitems\n\n * MenuItems = /*#__PURE__*/forwardRef(function\n  (_ref5, forwardedRef) {\n    var _ref5$as = _ref5.as,\n        Comp = _ref5$as === void 0 ? \"div\" : _ref5$as,\n        rest = _objectWithoutPropertiesLoose(_ref5, _excluded5);\n\n    var _useDropdownItems =\n    useDropdownItems(_extends({}, rest, {\n      ref: forwardedRef\n    })),\n        _useDropdownItems$d =\n    _useDropdownItems.data,\n        activeDescendant = _useDropdownItems$d.activeDescendant,\n        triggerId =\n    _useDropdownItems$d.triggerId,\n        props = _useDropdownItems.props;\n\n    return (\n      /*#__PURE__*/\n      // TODO: Should probably file a but in jsx-a11y, but this is correct\n      // according to https://www.w3.org/TR/wai-aria-practices-1.2/examples/menu-button/menu-button-actions-active-descendant.html\n      // eslint-disable-next-line\n      jsx-a11y/aria-activedescendant-has-tabindex\n      createElement(Comp // Refers to the descendant menuitem element\n      that is visually indicated\n      // as focused.\n      // https://www.w3.org/TR/wai-aria-practices-1.2/examples/menu-button/menu-button-actions-active-descendant.html\n      , _extends({\n        \"aria-activedescendant\":\n        activeDescendant // Refers to the element that contains the accessible name for the\n        // `menu`. The menu is\n        labeled by the menu button.\n        // https://www.w3.org/TR/wai-aria-practices-1.2/examples/menu-button/menu-button-actions-active-descendant.html\n        ,\n        \"aria-labelledby\": triggerId || undefined // The element that\n        contains the menu items displayed by activating the\n        // button has role menu.\n        //\n        https://www.w3.org/TR/wai-aria-practices-1.2/#menubutton\n        ,\n        role: \"menu\"\n      }, props, {\n        \"data-reach-menu-items\": \"\"\n      }));\n\n    }));\n\n * @see Docs https://reach.tech/menu-button#menuitems-props\n\n * MenuItems.propTypes = {\n  children: PropTypes.node\n};\n\n\n * MenuLink\n\n * Handles linking to a different\n  page in the menu. By default it renders <a>, but also accepts any other kind of Link as long as the `Link` uses\n  the `React.forwardRef` API.\n\n * Must be a direct child of a <MenuList>.\n\n * @see Docs\n  https://reach.tech/menu-button#menulink\n\n * MenuLink = /*#__PURE__*/forwardRef(function (_ref6,\n  forwardedRef) {\n    var _ref6$as = _ref6.as,\n        as = _ref6$as === void 0 ? \"a\" : _ref6$as,\n        component =\n    _ref6.component,\n        onSelect = _ref6.onSelect,\n        props = _objectWithoutPropertiesLoose(_ref6,\n    _excluded6);\n\n    useDevWarning(!component, \"[@reach/menu-button]: Please use the `as` prop instead of\n    `component`);\n\n    return /*#__PURE__*/createElement(MenuItemImpl, _extends({}, props, {\n      ref:\n    forwardedRef,\n      \"data-reach-menu-link\": \"\", as: as,\n      isLink: true,\n      onSelect: onSelect || noop\n    }));\n\n    }));\n\n * @see Docs https://reach.tech/menu-button#menulink-props\n\n * MenuLink.propTypes = {\n  as:\n  PropTypes.any\n};\n\n\n * MenuList\n\n * Wraps\n  a DOM element that renders the menu items. Must be rendered inside of a <Menu>.\n\n * @see Docs\n  https://reach.tech/menu-button#menulist\n\n * MenuList = /*#__PURE__*/forwardRef(function (_ref7,\n  forwardedRef) {\n    var _ref7$portal = _ref7.portal,\n        portal = _ref7$portal === void 0 ? true : _ref7$portal,\n        props = _objectWithoutPropertiesLoose(_ref7, _excluded7);\n\n    return\n    /*#__PURE__*/createElement(MenuPopover, {\n      portal: portal\n    }, /*#__PURE__*/createElement(MenuItems,\n    _extends({}, props, {\n      ref: forwardedRef,\n      \"data-reach-menu-list\": \"\"\n    }));\n\n    }));\n\n * @see Docs\n  https://reach.tech/menu-button#menulist-props\n\n * MenuList.propTypes = {\n  children: PropTypes.node.isRequired\n};\n\n\n * MenuPopover\n\n * A low-level wrapper\n  for the popover that appears when a menu button is open.\n\n * You can compose it with `MenuItems` for more\n  control over the nested components and their rendered DOM nodes, or if you need to nest arbitrary\n  components between the outer wrapper and your list.\n\n * @see Docs https://reach.tech/menu-button#menupopover\n\n * MenuPopover = /*#__PURE__*/forwardRef(function (_ref8, forwardedRef) {\n  var _ref8$as = _ref8.as,\n      Comp = _ref8$as === void 0 ? \"div\" : _ref8$as,\n      rest =\n    _objectWithoutPropertiesLoose(_ref8, _excluded8);\n\n    var _useDropdownPopover =\n    useDropdownPopover(_extends({}, rest, {\n      ref: forwardedRef\n    })),\n        _useDropdownPopover$d =
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_useDropdownPopover.data,\n    portal = _useDropdownPopover$.portal,\n    targetRef =
_useDropdownPopover$.targetRef,\n    position = _useDropdownPopover$.position,\n    props =
_useDropdownPopover.props;\n\n var sharedProps = {\n  \"data-reach-menu-popover\": \"\"\n };\n return portal ?
/*#__PURE__*/createElement(Popover, _extends({}, props, sharedProps, {\n  as: Comp,\n  targetRef:
targetRef,\n  position: position\n })): /*#__PURE__*/createElement(Comp, _extends({}, props,
sharedProps));\n});\n\n/**\n * @see Docs https://reach.tech/menu-button#menupopover-props\n */\n\nif
(process.env.NODE_ENV !== \"production\") {\n  MenuPopover.displayName = \"MenuPopover\";\n  MenuPopover.propTypes = {\n    children: PropTypes.node\n  };\n}
////////////////////////////////////////////////////////////////\n\n/**\n * A hook that exposes data for a given `Menu`
component to its descendants.\n * @see Docs https://reach.tech/menu-button#usemenubuttoncontext\n
*/\n\nfunction useMenuButtonContext() {\n  var _useDropdownContext = useDropdownContext(),\n  isExpanded = _useDropdownContext.state.isExpanded;\n\n  return useMemo(function () {\n    return {\n  isExpanded: isExpanded\n  };,\n  [isExpanded]);\n}
////////////////////////////////////////////////////////////////\n\nfunction useDevWarning(condition, message) {\n  if
(process.env.NODE_ENV !== \"production\") {\n    /* eslint-disable react-hooks/rules-of-hooks */\n    var
messageRef = useRef(message);\n    useEffect(function () {\n      messageRef.current = message;\n    },
[message]);\n    useEffect(function () {\n      process.env.NODE_ENV !== \"production\" ? warning(condition,
messageRef.current) : void 0;\n    }, [condition]);\n    /* eslint-enable react-hooks/rules-of-hooks */\n  }\n}
////////////////////////////////////////////////////////////////\n\nexport { Menu, MenuButton, MenuItem, MenuItems,
MenuLink, MenuList, MenuPopover, useMenuButtonContext };\n\n,\"**\n * Copyright (c) Facebook, Inc. and its
affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root
directory of this source tree.\n * @flow\n */\n\nimport * as React from 'react';\nimport {\n  Menu,\n  MenuList
as ReachMenuList,\n  MenuButton,\n  MenuItem,\n} from '@reach/menu-button';\nimport useThemeStyles from
'../useThemeStyles';\n\nconst MenuList = ({children, ...props}: {children: React$Node, ...}) => {\n  const style =
useThemeStyles();\n  return (\n    <ReachMenuList style={style} {...props}>\n      {children}\n    </ReachMenuList>\n  );\n};\n\nexport {MenuItem, MenuButton, MenuList, Menu};\n\n,\"**\n * Copyright (c)
Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n *
LICENSE file in the root directory of this source tree.\n * @flow\n */\n\nimport * as React from 'react';\nimport
{\n  Fragment,\n  useCallback,\n  useContext,\n  useLayoutEffect,\n  useReducer,\n  useRef,\n  useState,\n} from
'react';\nimport Button from '../Button';\nimport ButtonIcon from '../ButtonIcon';\nimport Toggle from
'../Toggle';\nimport Badge from '../Badge';\nimport {OwnersListContext} from './OwnersListContext';\nimport
{TreeDispatcherContext, TreeStateContext} from './TreeContext';\nimport {useIsOverflowing} from
'../hooks';\nimport {StoreContext} from './context';\nimport Tooltip from '../Components/reach-ui/tooltip';\nimport
{\n  Menu,\n  MenuList,\n  MenuButton,\n  MenuItem,\n} from '../Components/reach-ui/menu-button';\nimport
type {SerializedElement} from './types';\n\nimport styles from './OwnersStack.css';\n\ntype SelectOwner = (owner:
SerializedElement | null) => void;\n\ntype ACTION_UPDATE_OWNER_ID = {\n  type:
'UPDATE_OWNER_ID',\n  ownerID: number | null,\n  owners: Array<SerializedElement>,\n};\n\ntype
ACTION_UPDATE_SELECTED_INDEX = {\n  type: 'UPDATE_SELECTED_INDEX',\n  selectedIndex:
number,\n};\n\ntype Action = ACTION_UPDATE_OWNER_ID |
ACTION_UPDATE_SELECTED_INDEX;\n\ntype State = {\n  ownerID: number | null,\n  owners:
Array<SerializedElement>,\n  selectedIndex: number,\n};\n\nfunction dialogReducer(state, action) {\n  switch
(action.type) {\n    case 'UPDATE_OWNER_ID':\n      const selectedIndex = action.owners.findIndex(\n        owner
=> owner.id === action.ownerID,\n      );\n      return {\n        ownerID: action.ownerID,\n        owners:
action.owners,\n        selectedIndex,\n      };\n    case 'UPDATE_SELECTED_INDEX':\n      return {\n        ...state,\n        selectedIndex: action.selectedIndex,\n      };\n    default:\n      throw new Error(`Invalid action
\"${action.type}\"`);\n  }\n}\n\nexport default function OwnerStack() {\n  const read =
useContext(OwnersListContext);\n  const {ownerID} = useContext(TreeStateContext);\n  const treeDispatch =
useContext(TreeDispatcherContext);\n\n  const [state, dispatch] = useReducer<State, State, Action>(dialogReducer,

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{\n  ownerID: null,\n  owners: [],\n  selectedIndex: 0,\n  });\n\n // When an owner is selected, we either need to
update the selected index, or we need to fetch a new list of owners.\n // We use a reducer here so that we can avoid
fetching a new list unless the owner ID has actually changed.\n if (ownerID === null) {\n  dispatch({\n    type:
'UPDATE_OWNER_ID',\n    ownerID: null,\n    owners: [],\n    });\n  } else if (ownerID !== state.ownerID) {\n
const isInStore =\n  state.owners.findIndex(owner => owner.id === ownerID) >= 0;\n  dispatch({\n    type:
'UPDATE_OWNER_ID',\n    ownerID,\n    owners: isInStore ? state.owners : read(ownerID) || [],\n    });\n  }\n\n const {owners, selectedIndex} = state;\n\n const selectOwner = useCallback<SelectOwner>(\n  (owner:
SerializedElement | null) => {\n    if (owner !== null) {\n      const index = owners.indexOf(owner);\n
dispatch({\n        type: 'UPDATE_SELECTED_INDEX',\n        selectedIndex: index >= 0 ? index : 0,\n        });\n
treeDispatch({type: 'SELECT_OWNER', payload: owner.id});\n      } else {\n        dispatch({\n          type:
'UPDATE_SELECTED_INDEX',\n          selectedIndex: 0,\n          });\n        treeDispatch({type:
'RESET_OWNER_STACK'});\n      }\n    },\n    [owners, treeDispatch],\n  );\n\n const [elementsTotalWidth,
setElementsTotalWidth] = useState(0);\n  const elementsBarRef = useRef<HTMLDivElement | null>(null);\n  const
isOverflowing = useIsOverflowing(elementsBarRef, elementsTotalWidth);\n\n  const selectedOwner =
owners[selectedIndex];\n\n  useEffect(() => {\n    // If we're already overflowing, then we don't need to
re-measure items.\n    // That's because once the owners stack is open, it can only get larger (by drilling in).\n    // A
totally new stack can only be reached by exiting this mode and re-entering it.\n    if (elementsBarRef.current ===
null || isOverflowing) {\n      return () => {};\n    }\n\n    let totalWidth = 0;\n    for (let i = 0; i < owners.length; i++)
{\n      const element = elementsBarRef.current.children[i];\n      const computedStyle =
getComputedStyle(element);\n\n      totalWidth +=\n        element.offsetWidth +\n        parseInt(computedStyle.marginLeft, 10) +\n        parseInt(computedStyle.marginRight, 10);\n    }\n\n    setElementsTotalWidth(totalWidth);\n  }, [elementsBarRef, isOverflowing, owners.length]);\n\n  return (\n    <div
className={styles.OwnerStack}>\n      <div className={styles.Bar} ref={elementsBarRef}>\n        {isOverflowing && (\n
          <Fragment>\n            <ElementsDropdown\n              owners={owners}\n
              selectedIndex={selectedIndex}\n              selectOwner={selectOwner}\n            />\n            <BackToOwnerButton\n
              owners={owners}\n              selectedIndex={selectedIndex}\n              selectOwner={selectOwner}\n
            />\n            {selectedOwner != null && (\n              <ElementView\n                owner={selectedOwner}\n
                isSelected={true}\n                selectOwner={selectOwner}\n              />\n            )}\n          </Fragment>\n        )}\n        {!isOverflowing && (\n
          owners.map((owner, index) => (\n            <ElementView\n              key={index}\n
              owner={owner}\n              isSelected={index === selectedIndex}\n              selectOwner={selectOwner}\n
            />\n          ))\n        )}\n      </div>\n      <div className={styles.VRule} />\n      <Button\n
        className={styles.IconButton}\n        onClick={() => selectOwner(null)}\n        title="Back to tree view">\n
        <ButtonIcon type="close" />\n      </Button>\n    </div>\n  );\n\n type ElementsDropdownProps = {\n  owners:
Array<SerializedElement>,\n  selectedIndex: number,\n  selectOwner: SelectOwner,\n  ...;\n};\n\n function
ElementsDropdown({\n  owners,\n  selectedIndex,\n  selectOwner,\n}: ElementsDropdownProps) {\n  const store =
useContext(StoreContext);\n\n  const menuItems = [];\n  for (let index = owners.length - 1; index >= 0; index--) {\n
const owner = owners[index];\n    const isInStore = store.containsElement(owner.id);\n    menuItems.push(\n      <MenuItem\n        key={owner.id}\n        className={` ${styles.Component} ${isInStore ? "
": styles.NotInStore}`}\n        onSelect={() => (isInStore ? selectOwner(owner) : null)}>\n        {owner.displayName}\n        <Badge\n          className={styles.Badge}\n
          hocDisplayNames={owner.hocDisplayNames}\n          type={owner.type}\n        />\n      </MenuItem>,\n    );\n  }\n\n  return (\n    <Menu>\n      <MenuButton className={styles.MenuButton}>\n        <Tooltip label="Open
elements dropdown">\n          <span className={styles.MenuButtonContent} tabIndex=-1>\n
            <ButtonIcon type="more" />\n          </span>\n        </Tooltip>\n      </MenuButton>\n      <MenuList
        className={styles.Modal}>{menuItems}</MenuList>\n    </Menu>\n  );\n\n type ElementViewProps = {\n  isSelected: boolean,\n  owner: SerializedElement,\n  selectOwner: SelectOwner,\n  ...;\n};\n\n function
ElementView({isSelected, owner, selectOwner}: ElementViewProps) {\n  const store =
useContext(StoreContext);\n\n  const {displayName, hocDisplayNames, type} = owner;\n  const isInStore =

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store.containsElement(owner.id);\n\n const handleChange = useCallback(() => {\n  if (isInStore) {\n    selectOwner(owner);\n  } }, [isInStore, selectOwner, owner]);\n\n return (\n  <Toggle\n    className={` ${styles.Component} ${isInStore ? '' : styles.NotInStore}` }\n    isChecked={isSelected}\n    onChange={handleChange}>\n    {displayName}\n    <Badge\n      className={styles.Badge}\n      hocDisplayNames={hocDisplayNames}\n      type={type}\n    />\n  </Toggle>\n );\n\n type\n BackToOwnerButtonProps = {\n  owners: Array<SerializedElement>,\n  selectedIndex: number,\n  selectOwner:\n  SelectOwner,\n};\n\nfunction BackToOwnerButton({\n  owners,\n  selectedIndex,\n  selectOwner,\n}: BackToOwnerButtonProps) {\n  const store = useContext(StoreContext);\n\n  if (selectedIndex <= 0) {\n    return\n    null;\n  }\n\n  const owner = owners[selectedIndex - 1];\n  const isInStore = store.containsElement(owner.id);\n\n  return (\n    <Button\n      className={isInStore ? undefined : styles.NotInStore}\n      onClick={() => (isInStore ?\n        selectOwner(owner) : null)}\n      title={`Up to ${owner.displayName || 'owner'}`}\n    >\n    <ButtonIcon\n      type="previous" />\n    </Button>\n  );\n\n  /*\n   * Copyright (c) Facebook, Inc. and its affiliates.\n   *\n   * This\n   source code is licensed under the MIT license found in the\n   * LICENSE file in the root directory of this source\n   tree.\n   *\n   * @flow\n   */\n\n  import * as React from 'react';\n  import {useEffect, useRef} from 'react';\n  import Button\n  from './Button';\n  import ButtonIcon from './ButtonIcon';\n  import Icon from './Icon';\n\n  import styles from\n  './SearchInput.css';\n\n  type Props = {\n    goToNextResult: () => void,\n    goToPreviousResult: () => void,\n    placeholder: string,\n    search: (text: string) => void,\n    searchIndex: number,\n    searchResultsCount: number,\n    searchText: string,\n    testName?: ?string,\n};\n\n  export default function SearchInput({\n    goToNextResult,\n    goToPreviousResult,\n    placeholder,\n    search,\n    searchIndex,\n    searchResultsCount,\n    searchText,\n    testName,\n  }: Props) {\n    const inputRef = useRef<HTMLInputElement | null>(null);\n\n    const resetSearch = () =>\n    search('');\n\n    const handleChange = ({currentTarget}) => {\n      search(currentTarget.value);\n    }; \n\n    const\n    handleKeyPress = ({key, shiftKey}) => {\n      if (key === 'Enter') {\n        if (shiftKey) {\n          goToPreviousResult();\n        } else {\n          goToNextResult();\n        }\n      }\n\n      // Auto-focus search input\n      useEffect(() => {\n        if (inputRef.current === null) {\n          return () => {};\n        }\n\n        const handleKeyDown =\n        (event: KeyboardEvent) => {\n          const {key, metaKey} = event;\n          if (key === 'f' && metaKey) {\n            if\n            (inputRef.current !== null) {\n              inputRef.current.focus();\n              event.preventDefault();\n              event.stopPropagation();\n            }\n          }\n\n          // It's important to listen to the ownerDocument to support the\n          browser extension.\n          // Here we use portals to render individual tabs (e.g. Profiler),\n          // and the root document\n          might belong to a different window.\n          const ownerDocument = inputRef.current.ownerDocument;\n          ownerDocument.addEventListener('keydown', handleKeyDown);\n\n          return () =>\n          ownerDocument.removeEventListener('keydown', handleKeyDown);\n        }, []);\n\n    return (\n      <div\n        className={styles.SearchInput} data-testname={testName}>\n        <Icon className={styles.InputIcon}\n        type="search" />\n        <input\n          data-testname={testName ? `${testName}-Input` : undefined}\n          className={styles.Input}\n          onChange={handleChange}\n          onKeyPress={handleKeyPress}\n          placeholder={placeholder}\n          ref={inputRef}\n          value={searchText}\n        />\n        {!!searchText && (\n          <React.Fragment>\n            <span\n              className={styles.IndexLabel}\n              data-testname={testName ?\n                `${testName}-ResultsCount` : undefined}>\n              {Math.min(searchIndex + 1, searchResultsCount)} | '{'\n              {searchResultsCount}\n            </span>\n            <div className={styles.LeftVRule} />\n            <Button\n              data-testname={testName ? `${testName}-PreviousButton` : undefined}\n              className={styles.IconButton}\n              disabled={!searchText}\n              onClick={goToPreviousResult}\n              title={\n                <React.Fragment>\n                  Scroll to previous search result (<kbd>Shift</kbd> + '{'\n                  <kbd>Enter</kbd>)}\n                </React.Fragment>\n              }>\n            <ButtonIcon type="up" />\n          </Button>\n          <Button\n            data-testname={testName ? `${testName}-NextButton` : undefined}\n            className={styles.IconButton}\n            disabled={!searchText}\n            onClick={goToNextResult}\n            title={\n              <React.Fragment>\n                Scroll to next search result (<kbd>Enter</kbd>)}\n            </React.Fragment>\n          }>\n            <ButtonIcon type="down" />\n          </Button>\n          <Button\n            data-testname={testName ? `${testName}-ResetButton` : undefined}\n            className={styles.IconButton}\n            disabled={!searchText}\n            onClick={resetSearch}\n            title="Reset search">\n            <ButtonIcon

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type="close" />\n      </Button>\n      </React.Fragment>\n    )\n  </div>\n );\n\n", "/*\n * Copyright (c)
Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n *
LICENSE file in the root directory of this source tree.\n * \n * @flow\n * ^\n\nimport * as React from 'react';\nimport
{useContext} from 'react';\nimport {TreeDispatcherContext, TreeStateContext} from './TreeContext';\n\nimport
SearchInput from './SearchInput';\n\ntype Props = {||};\n\nexport default function ComponentSearchInput(props:
Props) {\n  const {searchIndex, searchResults, searchText} = useContext(TreeStateContext);\n  const dispatch =
useContext(TreeDispatcherContext);\n\n  const search = text => dispatch({type: 'SET_SEARCH_TEXT', payload:
text});\n  const goToNextResult = () => dispatch({type: 'GO_TO_NEXT_SEARCH_RESULT'});\n  const
goToPreviousResult = () =>\n    dispatch({type: 'GO_TO_PREVIOUS_SEARCH_RESULT'});\n  return (\n
<SearchInput\n  goToNextResult={goToNextResult}\n  goToPreviousResult={goToPreviousResult}\n
placeholder="Search (text or /regex/)"\n  search={search}\n  searchIndex={searchIndex}\n
searchResultsCount={searchResults.length}\n  searchText={searchText}\n
testName="ComponentSearchInput"\n  />\n );\n\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *
This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this
source tree.\n * \n * @flow\n * ^\n\nimport * as React from 'react';\nimport {createContext, useMemo, useState} from
'react';\n\nexport type DisplayDensity = 'comfortable' | 'compact';\n\nexport type Theme = 'auto' | 'light' |
'dark';\n\ntype Context = {\n  showModalShowing: boolean,\n  setIsModalShowing: (value: boolean) => void,\n
... \n};\n\nconst SettingsModalContext = createContext<Context>((null: any):
Context));\n\nSettingsModalContext.displayName = 'SettingsModalContext';\n\nfunction
SettingsModalContextController({children}: {children: React$Node}) {\n  const [isModalShowing,
setIsModalShowing] = useState<boolean>(false);\n\n  const value = useMemo(() => ({isModalShowing,
setIsModalShowing}), [isModalShowing, setIsModalShowing, \n ]);\n\n  return (\n
<SettingsModalContext.Provider value={value}>\n    {children}\n  </SettingsModalContext.Provider>\n
);\n\n  export {SettingsModalContext, SettingsModalContextController};\n\n", "/*\n * Copyright (c) Facebook, Inc.
and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the
root directory of this source tree.\n * \n * @flow\n * ^\n\nimport * as React from 'react';\nimport {useCallback,
useContext, useMemo} from 'react';\nimport {SettingsModalContext} from './SettingsModalContext';\nimport
Button from './Button';\nimport ButtonIcon from './ButtonIcon';\nimport {StoreContext} from './context';\nimport
{useSubscription} from './hooks';\n\nexport default function SettingsModalContextToggle() {\n  const
{setIsModalShowing} = useContext(SettingsModalContext);\n  const store = useContext(StoreContext);\n  const
{profilerStore} = store;\n\n  const showFilterModal = useCallback(() => setIsModalShowing(true), [isModalShowing, \n
]);\n\n  // Updating preferences while profiling is in progress could break things (e.g.
filtering)\n  // Explicitly disallow it for now.\n  const isProfilingSubscription = useMemo(\n    () => ({\n
getCurrentValue: () => profilerStore.isProfiling,\n    subscribe: (callback: Function) => {\n
profilerStore.addListener('isProfiling', callback);\n    return () => profilerStore.removeListener('isProfiling',
callback);\n    }, \n  ), \n  [profilerStore, \n ]);\n  const isProfiling =
useSubscription<boolean>(isProfilingSubscription);\n\n  return (\n    <Button\n      disabled={isProfiling}\n
onClick={showFilterModal}\n      title="View settings">\n      <ButtonIcon type="settings" />\n    </Button>\n
);\n\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT
license found in the\n * LICENSE file in the root directory of this source tree.\n * \n * @flow\n * ^\n\nimport
{createContext} from 'react';\n\nconst TreeFocusedContext = createContext<boolean>(false);\n\nexport default
TreeFocusedContext;\n\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed
under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n * \n * @flow\n *
^\n\nimport * as React from 'react';\nimport {useContext, useMemo} from 'react';\nimport {TreeStateContext}
from './TreeContext';\nimport {SettingsContext} from './Settings/SettingsContext';\nimport TreeFocusedContext
from './TreeFocusedContext';\nimport {StoreContext} from './context';\nimport {useSubscription} from
'./hooks';\n\nimport styles from './SelectedTreeHighlight.css';\n\ntype Data = {\n  startIndex: number,\n  stopIndex:
number, \n};\n\nexport default function SelectedTreeHighlight(_: {||}) {\n  const {lineHeight} =

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useContext(SettingsContext);\n const store = useContext(StoreContext);\n const treeFocused =
useContext(TreeFocusedContext);\n const { ownerID, selectedElementID } = useContext(TreeStateContext);\n\nconst subscription = useMemo(\n () => ({\n   getCurrentValue: () => {\n     if (\n       selectedElementID ===
null ||\n       store.isInsideCollapsedSubTree(selectedElementID)\n     ) {\n       return null;\n     }\n   }\n\nconst element = store.getElementByID(selectedElementID);\n   if (\n     element === null ||\n     element.isCollapsed ||\n     element.children.length === 0\n   ) {\n     return null;\n   }\n\nconst
startIndex = store.getIndexOfElementID(element.children[0]);\n   if (startIndex === null) {\n     return null;\n   }\n\n   let stopIndex = null;\n   let current = element;\n   while (current !== null) {\n     if
(current.isCollapsed || current.children.length === 0) {\n       // We've found the last/deepest descendant.\n       stopIndex = store.getIndexOfElementID(current.id);\n       current = null;\n     } else {\n       const
lastChildID = current.children[current.children.length - 1];\n       current = store.getElementByID(lastChildID);\n     }\n   }\n\n   if (stopIndex === null) {\n     return null;\n   }\n\n   return {\n     startIndex,\n     stopIndex,\n   };\n },\n subscribe: (callback: Function) => {\n   store.addListener('mutated', callback);\n   return () => {\n     store.removeListener('mutated', callback);\n   };\n },\n },\n [selectedElementID,
store],\n );\n const data = useSubscription<Data | null>(subscription);\n\n if (ownerID !== null) {\n   return null;\n }\n\n if (data === null) {\n   return null;\n }\n\n const { startIndex, stopIndex } = data;\n\n return (\n   <div\n     className={treeFocused ? styles.Active : styles.Inactive}\n     style={{\n       position: 'absolute',\n       top:
`${startIndex * lineHeight}px`,\n       height: `${(stopIndex + 1 - startIndex) * lineHeight}px`,\n     }}\n   />\n );\n\n","/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT
license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nexport default
class TimeoutError extends Error {\n  constructor(message: string) {\n    super(message);\n    // Maintains proper
stack trace for where our error was thrown (only available on V8)\n    if (Error.captureStackTrace) {\n      Error.captureStackTrace(this, TimeoutError);\n    }\n    this.name = 'TimeoutError';\n  }\n\n","/*\n * Copyright
(c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n *
LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport { hydrate, fillInPath } from
'react-devtools-shared/src/hydration';\nimport { separateDisplayNameAndHOCs } from 'react-devtools-
shared/src/utils';\nimport Store from 'react-devtools-shared/src/devtools/store';\nimport TimeoutError from 'react-
devtools-shared/src/TimeoutError';\n\nimport type {\n  InspectedElement as InspectedElementBackend,\n  InspectedElementPayload,\n} from 'react-devtools-shared/src/backend/types';\nimport type {\n  BackendEvents,\n  FrontendBridge,\n} from 'react-devtools-shared/src/bridge';\nimport type {\n  DehydratedData,\n  InspectedElement
as InspectedElementFrontend,\n} from 'react-devtools-shared/src/devtools/views/Components/types';\n\nexport
function clearErrorsAndWarnings({\n  bridge,\n  store,\n}: {\n  bridge: FrontendBridge,\n  store: Store,\n}): void
{\n  store.rootIDToRendererID.forEach(rendererID => {\n    bridge.send('clearErrorsAndWarnings',
{ rendererID });\n  });\n}\n\nexport function clearErrorsForElement({\n  bridge,\n  id,\n  rendererID,\n}: {\n  bridge:
FrontendBridge,\n  id: number,\n  rendererID: number,\n}): void {\n  bridge.send('clearErrorsForFiberID', {\n
  rendererID,\n  id,\n });\n}\n\nexport function clearWarningsForElement({\n  bridge,\n  id,\n  rendererID,\n}: {\n
  bridge: FrontendBridge,\n  id: number,\n  rendererID: number,\n}): void {\n  bridge.send('clearWarningsForFiberID', {\n
  rendererID,\n  id,\n });\n}\n\nexport function
copyInspectedElementPath({\n  bridge,\n  id,\n  path,\n  rendererID,\n}: {\n  bridge: FrontendBridge,\n  id:
number,\n  path: Array<string | number>,\n  rendererID: number,\n}): void {\n  bridge.send('copyElementPath', {\n
  id,\n  path,\n  rendererID,\n });\n}\n\nexport function inspectElement({\n  bridge,\n  forceFullData,\n  id,\n
  path,\n  rendererID,\n}: {\n  bridge: FrontendBridge,\n  forceFullData: boolean,\n  id: number,\n  path: Array<string
| number> | null,\n  rendererID: number,\n}): Promise<InspectedElementPayload> {\n  const requestID =
requestCounter++;\n  const promise = getPromiseForRequestID<InspectedElementPayload>(\n    requestID,\n    'inspectedElement',\n    bridge,\n    `Timed out while inspecting element ${id}.`,\n  );\n  bridge.send('inspectElement', {\n    forceFullData,\n    id,\n    path,\n    rendererID,\n    requestID,\n });\n\n return
promise;\n}\n\nlet storeAsGlobalCount = 0;\n\nexport function storeAsGlobal({\n  bridge,\n  id,\n  path,\n  rendererID,\n}: {\n  bridge: FrontendBridge,\n  id: number,\n  path: Array<string | number>,\n  rendererID:

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number,\n|}): void {\n  bridge.send('storeAsGlobal', {\n    count: storeAsGlobalCount++,\n    id,\n    path,\n    rendererID,\n    });\n}\n\nconst TIMEOUT_DELAY = 5000;\n\nlet requestCounter = 0;\n\nfunction\ngetPromiseForRequestID<T>(\n  requestID: number,\n  eventType: $Keys<BackendEvents>,\n  bridge:\n  FrontendBridge,\n  timeoutMessage: string,\n): Promise<T> {\n  return new Promise((resolve, reject) => {\n    const\n    cleanup = () => {\n      bridge.removeListener(eventType, onInspectedElement);\n      clearTimeout(timeoutID);\n    };\n\n    const onInspectedElement = (data: any) => {\n      if (data.responseID === requestID) {\n        cleanup();\n        resolve((data: T));\n      }\n    };\n\n    const onTimeout = () => {\n      cleanup();\n      reject(new\n      TimeoutError(timeoutMessage));\n    };\n\n    bridge.addListener(eventType, onInspectedElement);\n\n    const\n    timeoutID = setTimeout(onTimeout, TIMEOUT_DELAY);\n  });\n}\n\nexport function\ncloneInspectedElementWithPath(\n  inspectedElement: InspectedElementFrontend,\n  path: Array<string | number>,\n  value: Object,\n): InspectedElementFrontend {\n  const hydratedValue = hydrateHelper(value, path);\n  const clonedInspectedElement = { ...inspectedElement };\n  fillInPath(clonedInspectedElement, value, path,\n  hydratedValue);\n  return clonedInspectedElement;\n}\n\nexport function\nconvertInspectedElementBackendToFrontend(\n  inspectedElementBackend: InspectedElementBackend,\n):\nInspectedElementFrontend {\n  const {\n    canEditFunctionProps,\n    canEditFunctionPropsDeletePaths,\n    canEditFunctionPropsRenamePaths,\n    canEditHooks,\n    canEditHooksAndDeletePaths,\n    canEditHooksAndRenamePaths,\n    canToggleError,\n    isErrored,\n    targetErrorBoundaryID,\n    canToggleSuspense,\n    canViewSource,\n    hasLegacyContext,\n    id,\n    source,\n    type,\n    owners,\n    context,\n    hooks,\n    plugins,\n    props,\n    rendererPackageName,\n    rendererVersion,\n    rootType,\n    state,\n    key,\n    errors,\n    warnings,\n  } = inspectedElementBackend;\n  const inspectedElement:\n  InspectedElementFrontend = {\n    canEditFunctionProps,\n    canEditFunctionPropsDeletePaths,\n    canEditFunctionPropsRenamePaths,\n    canEditHooks,\n    canEditHooksAndDeletePaths,\n    canEditHooksAndRenamePaths,\n    canToggleError,\n    isErrored,\n    targetErrorBoundaryID,\n    canToggleSuspense,\n    canViewSource,\n    hasLegacyContext,\n    id,\n    key,\n    plugins,\n    rendererPackageName,\n    rendererVersion,\n    rootType,\n    source,\n    type,\n    owners:\n      owners === null\n        ? null\n        : owners.map(owner => {\n          const [displayName, hocDisplayNames] =\n          separateDisplayNameAndHOCs(\n            owner.displayName,\n            owner.type,\n          );\n          return\n          {\n            ...owner,\n            displayName,\n            hocDisplayNames,\n          };\n        }),\n    context:\n      hydrateHelper(context),\n    hooks: hydrateHelper(hooks),\n    props: hydrateHelper(props),\n    state:\n      hydrateHelper(state),\n    errors,\n    warnings,\n  };\n  return inspectedElement;\n}\n\nexport function\nhydrateHelper(\n  dehydratedData: DehydratedData | null,\n  path?: Array<string | number>,\n): Object | null {\n  if\n  (dehydratedData !== null) {\n    const {cleaned, data, unserializable} = dehydratedData;\n    if (path) {\n      const\n      {length} = path;\n      if (length > 0) {\n        // Hydration helper requires full paths, but inspection dehydrates with\n        relative paths.\n        // In that event it's important that we adjust the \"cleaned\" paths to match.\n        return\n        hydrate(\n          data,\n          cleaned.map(cleanedPath => cleanedPath.slice(length)),\n          unserializable.map(unserializablePath =>\n            unserializablePath.slice(length),\n          ),\n        );\n      }\n    }\n    return hydrate(data, cleaned, unserializable);\n  } else {\n    return null;\n  }\n}\n\n\"/**\n * Copyright (c)\n * Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n * @flow\n */\n\nimport * as React from 'react';\nimport\n{\n  Fragment,\n  Suspense,\n  useCallback,\n  useContext,\n  useEffect,\n  useMemo,\n  useRef,\n  useState,\n}\nfrom 'react';\nimport AutoSizer from 'react-virtualized-auto-sizer';\nimport {FixedSizeList} from 'react-\nwindow';\nimport {TreeDispatcherContext, TreeStateContext} from './TreeContext';\nimport Icon from\n './Icon';\nimport {SettingsContext} from './Settings/SettingsContext';\nimport {BridgeContext, StoreContext,\n  OptionsContext} from './context';\nimport Element from './Element';\nimport InspectHostNodesToggle from\n './InspectHostNodesToggle';\nimport OwnersStack from './OwnersStack';\nimport ComponentSearchInput from\n './ComponentSearchInput';\nimport SettingsModalContextToggle from 'react-devtools-\nshared/src/devtools/views/Settings/SettingsModalContextToggle';\nimport SelectedTreeHighlight from\n './SelectedTreeHighlight';\nimport TreeFocusedContext from './TreeFocusedContext';\nimport

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{useHighlightNativeElement, useSubscription} from './hooks';\nimport {clearErrorsAndWarnings as
clearErrorsAndWarningsAPI} from 'react-devtools-shared/src/backendAPI';\nimport styles from
'./Tree.css';\nimport ButtonIcon from './ButtonIcon';\nimport Button from './Button';\n\n// Never indent more than
this number of pixels (even if we have the room).\nconst DEFAULT_INDENTATION_SIZE = 12;\n\nexport type
ItemData = {\n  numElements: number,\n  isNavigatingWithKeyboard: boolean,\n  lastScrolledIDRef: {current:
number | null, ...},\n  onElementMouseEnter: (id: number) => void,\n  treeFocused: boolean,\n};\n\nexport type Props =
{||};\n\nexport default function Tree(props: Props) {\n  const dispatch = useContext(TreeDispatcherContext);\n  const {\n    numElements,\n    ownerID,\n    searchIndex,\n    searchResults,\n    selectedElementID,\n    selectedElementIndex,\n  } = useContext(TreeStateContext);\n  const bridge = useContext(BridgeContext);\n  const store = useContext(StoreContext);\n  const {hideSettings} = useContext(OptionsContext);\n  const [isNavigatingWithKeyboard, setIsNavigatingWithKeyboard] = useState(\n    false,\n  );\n  const {\n    highlightNativeElement,\n    clearHighlightNativeElement,\n  } = useHighlightNativeElement();\n  const treeRef =
useRef<HTMLDivElement | null>(null);\n  const focusTargetRef = useRef<HTMLDivElement | null>(null);\n\n  const [treeFocused, setTreeFocused] = useState<boolean>(false);\n\n  const {lineHeight,
showInlineWarningsAndErrors} = useContext(SettingsContext);\n\n  // Make sure a newly selected element is
visible in the list.\n  // This is helpful for things like the owners list and search.\n  //\n  // TRICKY:\n  // It's important
to use a callback ref for this, rather than a ref object and an effect.\n  // As an optimization, the AutoSizer component
does not render children when their size would be 0.\n  // This means that in some cases (if the browser panel size is
initially really small),\n  // the Tree component might render without rendering an inner List.\n  // In this case, the
list ref would be null on mount (when the scroll effect runs),\n  // meaning the scroll action would be skipped (since
ref updates don't re-run effects).\n  // Using a callback ref accounts for this case...\n  const listCallbackRef =
useCallback(\n    list => {\n      if (list !== null && selectedElementIndex !== null) {\n
list.scrollToItem(selectedElementIndex, 'smart');\n      }\n    }, [selectedElementIndex],\n  );\n\n  // Picking an
element in the inspector should put focus into the tree.\n  // This ensures that keyboard navigation works right after
picking a node.\n  useEffect(() => {\n    function handleStopInspectingNative(selectedNode) {\n      if
(selectedNode && focusTargetRef.current !== null) {\n        focusTargetRef.current.focus();\n      }\n    }\n
    bridge.addListener('stopInspectingNative', handleStopInspectingNative);\n    return () =>{\n
    bridge.removeListener('stopInspectingNative', handleStopInspectingNative);\n  }, [bridge]);\n\n  // This ref is passed
down the context to elements.\n  // It lets them avoid autoscrolling to the same item many times\n  // when a selected
virtual row goes in and out of the viewport.\n  const lastScrolledIDRef = useRef<number | null>(null);\n\n  //
Navigate the tree with up/down arrow keys.\n  useEffect(() => {\n    if (treeRef.current === null) {\n      return () =>
{};\n    }\n\n    const handleKeyDown = (event: KeyboardEvent) => {\n      if ((event: any).target.tagName ===
'INPUT' || event.defaultPrevented) {\n        return;\n      }\n\n      // TODO We should ignore arrow keys if the focus
is outside of DevTools.\n      // Otherwise the inline (embedded) DevTools might change selection unexpectedly,\n
      // e.g. when a text input or a select has focus.\n\n      let element;\n      switch (event.key) {\n        case
'ArrowDown':\n          event.preventDefault();\n          if (event.altKey) {\n            dispatch({type:
'SELECT_NEXT_SIBLING_IN_TREE'});\n          } else {\n            dispatch({type:
'SELECT_NEXT_ELEMENT_IN_TREE'});\n          }\n          break;\n        case 'ArrowLeft':\n          event.preventDefault();\n          element =\n            selectedElementID !== null\n              ?\n            store.getElementByID(selectedElementID)\n              : null;\n          if (element !== null) {\n            if (event.altKey)\n              {\n                if (element.ownerID !== null) {\n                  dispatch({type:
'SELECT_OWNER_LIST_PREVIOUS_ELEMENT_IN_TREE'});\n                }\n              } else {\n                if
(element.children.length > 0 && !element.isCollapsed) {\n                  store.toggleIsCollapsed(element.id, true);\n                }\n              } else {\n                dispatch({type: 'SELECT_PARENT_ELEMENT_IN_TREE'});\n              }\n            }\n          }\n          break;\n        case 'ArrowRight':\n          event.preventDefault();\n          element =\n            selectedElementID !== null\n              ? store.getElementByID(selectedElementID)\n              : null;\n          if
(element !== null) {\n            if (event.altKey) {\n              dispatch({type:
'SELECT_OWNER_LIST_NEXT_ELEMENT_IN_TREE'});\n            }\n          } else {\n            if (element.children.length

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> 0 && element.isCollapsed) {\n      store.toggleIsCollapsed(element.id, false);\n    } else {\n      dispatch({type: 'SELECT_CHILD_ELEMENT_IN_TREE'});\n    }\n  }\n  }\n  }\n  break;\n  case 'ArrowUp':\n    event.preventDefault();\n    if (event.altKey) {\n      dispatch({type: 'SELECT_PREVIOUS_SIBLING_IN_TREE'});\n    } else {\n      dispatch({type: 'SELECT_PREVIOUS_ELEMENT_IN_TREE'});\n    }\n    break;\n    default:\n      return;\n  }\n  setIsNavigatingWithKeyboard(true);\n  };\n  }\n  // It's important to listen to the ownerDocument to support the browser extension.\n  // Here we use portals to render individual tabs (e.g. Profiler),\n  // and the root document might belong to a different window.\n  const ownerDocument = treeRef.current.ownerDocument;\n  ownerDocument.addEventListener('keydown', handleKeyDown);\n  return () => {\n    ownerDocument.removeEventListener('keydown', handleKeyDown);\n  };\n  }, [dispatch, selectedElementID, store]);\n  // Focus management.\n  const handleBlur = useCallback(() => setTreeFocused(false), []);\n  const handleFocus = useCallback(() => {\n    setTreeFocused(true);\n    if (selectedElementIndex === null && numElements > 0) {\n      dispatch({\n        type: 'SELECT_ELEMENT_AT_INDEX',\n        payload: 0,\n      });\n    }\n  }, [dispatch, numElements, selectedElementIndex]);\n  const handleKeyPress = useCallback(\n    event => {\n      switch (event.key) {\n        case 'Enter':\n        case '':\n          if (selectedElementID !== null) {\n            dispatch({type: 'SELECT_OWNER', payload: selectedElementID});\n          }\n          break;\n          default:\n            break;\n      }\n    },\n    [dispatch, selectedElementID],\n  );\n  // If we switch the selected element while using the keyboard,\n  // start highlighting it in the DOM instead of the last hovered node.\n  const searchRef = useRef({searchIndex, searchResults});\n  useEffect(() => {\n    let didSelectNewSearchResult = false;\n    if (\n      searchRef.current.searchIndex !== searchIndex ||\n      searchRef.current.searchResults !== searchResults\n    ) {\n      searchRef.current.searchIndex = searchIndex;\n      searchRef.current.searchResults = searchResults;\n      didSelectNewSearchResult = true;\n    }\n    if (isNavigatingWithKeyboard || didSelectNewSearchResult) {\n      if (selectedElementID !== null) {\n        highlightNativeElement(selectedElementID);\n      } else {\n        clearHighlightNativeElement();\n      }\n    }\n  }, [\n    bridge,\n    isNavigatingWithKeyboard,\n    highlightNativeElement,\n    searchIndex,\n    searchResults,\n    selectedElementID,\n  ]);\n  // Highlight last hovered element.\n  const handleElementMouseEnter = useCallback(\n    id => {\n      // Ignore hover while we're navigating with keyboard.\n      // This avoids flicker from the hovered nodes under the mouse.\n      if (!isNavigatingWithKeyboard) {\n        highlightNativeElement(id);\n      }\n    },\n    [isNavigatingWithKeyboard, highlightNativeElement],\n  );\n  const handleMouseMove = useCallback(() => {\n    // We started using the mouse again.\n    // This will enable hover styles in individual rows.\n    setIsNavigatingWithKeyboard(false);\n  }, []);\n  const handleMouseLeave = clearHighlightNativeElement;\n  // Let react-window know to re-render any time the underlying tree data changes.\n  // This includes the owner context, since it controls a filtered view of the tree.\n  const itemData = useMemo<ItemData>(\n    () => ({\n      numElements,\n      isNavigatingWithKeyboard,\n      onElementMouseEnter: handleElementMouseEnter,\n      lastScrolledIDRef,\n      treeFocused,\n    }),\n    [\n      numElements,\n      isNavigatingWithKeyboard,\n      handleElementMouseEnter,\n      lastScrolledIDRef,\n      treeFocused,\n    ],\n  );\n  const itemKey = useCallback(\n    (index: number) =>\n      store.getElementIDAtIndex(index),\n    [store],\n  );\n  const handlePreviousErrorOrWarningClick = React.useCallback(() => {\n    dispatch({type: 'SELECT_PREVIOUS_ELEMENT_WITH_ERROR_OR_WARNING_IN_TREE'});\n  }, []);\n  const handleNextErrorOrWarningClick = React.useCallback(() => {\n    dispatch({type: 'SELECT_NEXT_ELEMENT_WITH_ERROR_OR_WARNING_IN_TREE'});\n  }, []);\n  const errorsOrWarningsSubscription = useMemo(\n    () => ({\n      getCurrentValue: () => ({\n        errors: store.errorCount,\n        warnings: store.warningCount,\n      }),\n      subscribe: (callback: Function) => {\n        store.addListener('mutated', callback);\n        return () => store.removeListener('mutated', callback);\n      },\n    }),\n    [store],\n  );\n  const {errors, warnings} = useSubscription(errorsOrWarningsSubscription);\n  const clearErrorsAndWarnings = () => {\n    clearErrorsAndWarningsAPI({bridge, store});\n  };\n  return (\n    <TreeFocusedContext.Provider value={treeFocused}>\n      <div className={styles.Tree} ref={treeRef}>\n        <div className={styles.SearchInput}>\n          {store.supportsNativeInspection && (\n            <Fragment>\n
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<InspectHostNodesToggle />\n      <div className={styles.VRule} />\n      </Fragment>\n    )}\n  <Suspense fallback={<Loading />}>\n    {ownerID !== null ? <OwnersStack /> : <ComponentSearchInput\n />}\n  </Suspense>\n  {showInlineWarningsAndErrors &&\n    ownerID === null &&\n    (errors > 0 || warnings > 0) && (\n    <React.Fragment>\n      <div className={styles.VRule} />\n        {errors > 0 && (\n          <div className={styles.IconAndCount}>\n            <Icon\n              className={styles.ErrorIcon} type="error" />\n              {errors}\n            </div>\n          )}\n        {warnings > 0 && (\n          <div className={styles.IconAndCount}>\n            <Icon\n              className={styles.WarningIcon} type="warning" />\n              {warnings}\n            </div>\n          )}\n        <Button\n          onClick={handlePreviousErrorOrWarningClick} title="Scroll to\n          previous error or warning">\n          <ButtonIcon type="up" />\n        </Button>\n        <Button\n          onClick={handleNextErrorOrWarningClick} title="Scroll to next error or warning">\n          <ButtonIcon type="down" />\n        </Button>\n        <Button\n          onClick={clearErrorsAndWarnings} title="Clear all errors and warnings">\n          <ButtonIcon\n            type="clear" />\n        </Button>\n      </React.Fragment>\n    )}\n  {!hideSettings && (\n    <Fragment>\n      <div className={styles.VRule} />\n      <SettingsModalContextToggle />\n    </Fragment>\n  )}\n  </div>\n  <div\n    className={styles.AutoSizerWrapper}\n    onBlur={handleBlur}\n    onFocus={handleFocus}\n    onKeyDown={handleKeyPress}\n    onMouseMove={handleMouseMove}\n    onMouseLeave={handleMouseLeave}\n    ref={focusTargetRef}\n    tabIndex={0}>\n    <AutoSizer>\n      {(height, width) => (\n        //\n        $FlowFixMe https://github.com/facebook/flow/issues/7341\n        <FixedSizeList\n          className={styles.List}\n          height={height}\n          innerElementType={InnerElementType}\n          itemCount={numElements}\n          itemData={itemData}\n          itemKey={itemKey}\n          itemSize={lineHeight}\n          ref={listCallbackRef}\n          width={width}>\n            {Element}\n          </FixedSizeList>\n        )}\n      </AutoSizer>\n    </div>\n  </div>\n</TreeFocusedContext.Provider>\n );\n\n// Indentation size can be adjusted but child width is fixed.\n// We need to adjust indentations so the widest child can fit without overflowing.\n// Sometimes the widest child is also the deepest in the tree:\n// -----\n// <Foo> \n//   •••<Foobar> \n//     ••••••<Baz> \n// -----\n// But this is not always the case.\n// Even with the above example, a change in indentation may change the overall widest child:\n// -----\n// <Foo> \n//   ••<Foobar> \n//   •••<Baz> \n// -----\n// In extreme cases this difference can be important:\n// -----\n// <ReallyLongName> \n//   ••<Foo> \n//     •••<Bar> \n//       ••••••<Baz> \n//       ••••••<Qux> \n// -----\n// In the above example, the current indentation is fine,\n// but if we naively assumed that the widest element is also the deepest element,\n// we would end up compressing the indentation unnecessarily:\n// -----\n// <ReallyLongName> \n//   •<Foo> \n//     ••<Bar> \n//     •••<Baz> \n//     ••••<Qux> \n// -----\n// The way we deal with this is to compute the max indentation size that can fit each child,\n// given the child's fixed width and depth within the tree.\n// Then we take the smallest of these indentation sizes...\nfunction updateIndentationSizeVar(\n  innerDiv: HTMLDivElement,\n  cachedChildWidths: WeakMap<HTMLElement, number>,\n  indentationSizeRef: {|current: number|},\n  prevListWidthRef: {|current: number|},\n): void {\n  const list = ((innerDiv.parentElement: any): HTMLDivElement);\n  const listWidth = list.clientWidth;\n  // Skip measurements when the Components panel is hidden.\n  if (listWidth === 0) {\n    return;\n  }\n  // Reset the max indentation size if the width of the tree has increased.\n  if (listWidth > prevListWidthRef.current) {\n    indentationSizeRef.current =\n      DEFAULT_INDENTATION_SIZE;\n  }\n  prevListWidthRef.current = listWidth;\n  let maxIndentationSize: number = indentationSizeRef.current;\n  // eslint-disable-next-line no-for-of-loops/no-for-of-loops\n  for (const child of innerDiv.children) {\n    const depth = parseInt(child.getAttribute('data-depth'), 10) || 0;\n    let childWidth: number = 0;\n    const cachedChildWidth = cachedChildWidths.get(child);\n    if (cachedChildWidth != null) {\n      childWidth = cachedChildWidth;\n    } else {\n      const {firstElementChild} = child;\n      // Skip over e.g. the guideline element\n      if (firstElementChild != null) {\n        childWidth =

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firstElementChild.clientWidth;\n      cachedChildWidths.set(child, childWidth);\n    }\n  }\n\n  const
remainingWidth = Math.max(0, listWidth - childWidth);\n  const maxIndentationSize =
Math.min(maxIndentationSize, remainingWidth / depth);\n  }\n\n  indentationSizeRef.current =
maxIndentationSize;\n\n  list.style.setProperty('--indentation-size', `${maxIndentationSize}px`);\n}\n\nfunction
InnerElementType({children, style, ...rest}) {\n  const {ownerID} = useContext(TreeStateContext);\n\n  const
cachedChildWidths = useMemo<WeakMap<HTMLElement, number>>(\n    () => new WeakMap(),\n    [],\n  );\n\n  // This ref tracks the current indentation size.\n  // We decrease indentation to fit wider/deeper trees.\n  // We
intentionally do not increase it again afterward, to avoid the perception of content \"jumping\".\n  // e.g. clicking to
toggle/collapse a row might otherwise jump horizontally beneath your cursor,\n  // e.g. scrolling a wide row off
screen could cause narrower rows to jump to the right some.\n  //\n  // There are two exceptions for this:\n  // 1. The
first is when the width of the tree increases.\n  // The user may have resized the window specifically to make more
room for DevTools.\n  // In either case, this should reset our max indentation size logic.\n  // 2. The second is when
the user enters or exits an owner tree.\n\n  const indentationSizeRef =
useRef<number>(DEFAULT_INDENTATION_SIZE);\n  const prevListWidthRef = useRef<number>(0);\n  const
prevOwnerIDRef = useRef<number | null>(ownerID);\n  const divRef = useRef<HTMLDivElement |
null>(null);\n\n  // We shouldn't retain this width across different conceptual trees though,\n  // so when the user
opens the \"owners tree\" view, we should discard the previous width.\n  if (ownerID !== prevOwnerIDRef.current)
{\n    prevOwnerIDRef.current = ownerID;\n    indentationSizeRef.current = DEFAULT_INDENTATION_SIZE;\n  }\n\n  // When we render new content, measure to see if we need to shrink indentation to fit it.\n  useEffect(() => {\n    if (divRef.current !== null) {\n      updateIndentationSizeVar(\n        divRef.current,\n        cachedChildWidths,\n        indentationSizeRef,\n        prevListWidthRef,\n      );\n    }\n  });\n\n  // This style override enables the background
color to fill the full visible width,\n  // when combined with the CSS tweaks in Element.\n  // A lot of options were
considered; this seemed the one that requires the least code.\n  // See https://github.com/bvaughn/react-devtools-
experimental/issues/9\n  return (\n    <div\n      className={styles.InnerElementType}\n      ref={divRef}\n      style={style}\n      {...rest}>\n      <SelectedTreeHighlight />\n      {children}\n    </div>\n  );\n}\n\nfunction
Loading() {\n  return <div className={styles.Loading}>Loading...</div>;\n}\n\n\"/**\n * Copyright (c) Facebook,
Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in
the root directory of this source tree.\n * @flow\n */\n\nimport * as React from 'react';\nimport Button from
'./Button';\nimport ButtonIcon from './ButtonIcon';\nimport styles from './shared.css';\n\ntype Props = {\n  callStack: string | null,\n  children: React$Node,\n  componentStack: string | null,\n  dismissError: Function | null,\n  errorMessage: string | null,\n};\n\nexport default function ErrorView({\n  callStack,\n  children,\n  componentStack,\n  dismissError = null,\n  errorMessage,\n}: Props) {\n  return (\n    <div
className={styles.ErrorBoundary}>\n      {children}\n      <div className={styles.ErrorInfo}>\n        <div
className={styles.HeaderRow}>\n          <div className={styles.ErrorHeader}>\n            Uncaught Error:
{errorMessage || \"\"}\n          </div>\n          {dismissError !== null && (\n            <Button
className={styles.CloseButton} onClick={dismissError}>\n              Dismiss\n            <ButtonIcon
className={styles.CloseButtonIcon} type=\"close\" />\n            </Button>\n          )}\n        </div>\n      {!!callStack && (\n        <div className={styles.ErrorStack}>\n          The error was thrown {callStack.trim()}\n        </div>\n      )}\n      {!!componentStack && (\n        <div className={styles.ErrorStack}>\n          The
error occurred {componentStack.trim()}\n        </div>\n      )}\n    </div>\n  );\n}\n\n\"/**\n *
Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in
the\n * LICENSE file in the root directory of this source tree.\n * @flow\n */\n\nimport * as React from
'react';\nimport styles from './LoadingAnimation.css';\n\ntype Props = {\n  className?: string,\n};\n\nexport default
function LoadingAnimation({className = \"\": Props) {\n  return (\n    <svg\n      xmlns=\"http://www.w3.org/2000/svg\"\n      className={` ${styles.Icon} ${className}`}\n      width=\"24\"\n      height=\"24\"\n      viewBox=\"0 0 100 100\"\n      >\n      <path d=\"M0 0h100v100H0z\" fill=\"none\" />\n      <circle
fill=\"currentColor\" stroke=\"none\" cx=\"20\" cy=\"50\" r=\"10\">\n        <animate\n          attributeName=\"opacity\"\n          dur=\"1s\"\n          values=\"0;1;0\"\n          repeatCount=\"indefinite\"/>\n

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begin="0.1" /> </circle> <circle fill="currentColor" stroke="none" cx="50" cy="50"
r="10"> <animate attributeName="opacity" dur="1s" values="0;1;0"
repeatCount="indefinite" begin="0.2" /> </circle> <circle fill="currentColor"
stroke="none" cx="80" cy="50" r="10"> <animate attributeName="opacity"
dur="1s" values="0;1;0" repeatCount="indefinite" begin="0.3" /> </circle> </svg>
); } } , /** * Copyright (c) Facebook, Inc. and its affiliates. * This source code is
licensed under the MIT license found in the * LICENSE file in the root directory of this source tree. *
@flow * / \n import * as React from 'react'; \n import LoadingAnimation from 'react-devtools-
shared/src/devtools/views/Components/LoadingAnimation'; \n import styles from './shared.css'; \n \n export default
function SearchingGitHubIssues() { \n return ( \n <div className={styles.GitHubLinkRow}> \n
<LoadingAnimation className={styles.LoadingIcon} /> \n Searching GitHub for reports of this error... \n
</div> \n ); } } , /** * Copyright (c) Facebook, Inc. and its affiliates. * This source code is licensed under
the MIT license found in the * LICENSE file in the root directory of this source tree. * @flow * / \n \n export
type GitHubIssue = { \n title: string, \n url: string, \n }; \n \n const GITHUB_ISSUES_API =
'https://api.github.com/search/issues'; \n \n export function searchGitHubIssuesURL(message: string): string { \n //
Remove Fiber IDs from error message (as those will be unique). \n message = message.replace(/"[0-9]+"/g, ""); \n \n
const filters = [ \n 'in:title', \n 'is:issue', \n 'is:open', \n 'is:public', \n 'label:"Component: Developer Tools"', \n
'repo:facebook/react', \n ]; \n \n return ( \n GITHUB_ISSUES_API + \n '?q=' + \n
encodeURIComponent(message) + \n '%20' + \n filters.map(encodeURIComponent).join('%20') \n ); } \n \n \n export
async function searchGitHubIssues(\n message: string, \n): Promise<GitHubIssue | null> { \n const response = await
fetch(searchGitHubIssuesURL(message)); \n const data = await response.json(); \n if (data.items.length > 0) { \n
const item = data.items[0]; \n return { \n title: item.title, \n url: item.html_url, \n }; } \n } else { \n return
null; \n } \n } \n } , /** * Copyright (c) Facebook, Inc. and its affiliates. * This source code is licensed under the
MIT license found in the * LICENSE file in the root directory of this source tree. * @flow * / \n \n import
type {Wakeable} from 'shared/ReactTypes'; \n import type {GitHubIssue} from './githubAPI'; \n import
{unstable_getCacheForType as getCacheForType} from 'react'; \n import {searchGitHubIssues} from
'./githubAPI'; \n \n const API_TIMEOUT = 3000; \n const Pending = 0; \n const Resolved = 1; \n const Rejected =
2; \n \n type PendingRecord = { \n status: 0, \n value: Wakeable, \n }; \n \n type ResolvedRecord<T> = { \n status: 1, \n
value: T, \n }; \n \n type RejectedRecord = { \n status: 2, \n value: null, \n }; \n \n type Record<T> = PendingRecord |
ResolvedRecord<T> | RejectedRecord; \n \n function readRecord<T>(record: Record<T>): ResolvedRecord<T> |
RejectedRecord { \n if (record.status === Resolved) { \n // This is just a type refinement. \n return record; \n }
else if (record.status === Rejected) { \n // This is just a type refinement. \n return record; \n } else { \n throw
record.value; \n } \n } \n \n type GitHubIssueMap = Map<string, Record<GitHubIssue>>; \n \n function createMap():
GitHubIssueMap { \n return new Map(); \n } \n \n function getRecordMap(): Map<string, Record<GitHubIssue>> { \n
return getCacheForType(createMap()); \n } \n \n export function findGitHubIssue(errorMessage: string): GitHubIssue |
null { \n errorMessage = normalizeErrorMessage(errorMessage); \n \n const map = getRecordMap(); \n let record =
map.get(errorMessage); \n \n if (!record) { \n const callbacks = new Set(); \n const wakeable: Wakeable = { \n
then(callback) { \n callbacks.add(callback); \n }, \n \n // Optional property used by Timeline: \n
displayName: `Searching GitHub issues for error "${errorMessage}"`, \n }; \n const wake = () => { \n // This
assumes they won't throw. \n callbacks.forEach(callback => callback()); \n callbacks.clear(); \n }; \n const
newRecord: Record<GitHubIssue> = (record = { \n status: Pending, \n value: wakeable, \n }); \n \n let
didTimeout = false; \n \n searchGitHubIssues(errorMessage) \n .then(maybeItem => { \n if (didTimeout) { \n
return; \n } \n \n if (maybeItem) { \n const resolvedRecord = ((newRecord: any):
ResolvedRecord<GitHubIssue>); \n resolvedRecord.status = Resolved; \n resolvedRecord.value =
maybeItem; \n } else { \n const notFoundRecord = ((newRecord: any): RejectedRecord); \n
notFoundRecord.status = Rejected; \n notFoundRecord.value = null; \n } \n \n wake(); \n }) \n \n .catch(error => { \n
const thrownRecord = ((newRecord: any): RejectedRecord); \n thrownRecord.status =
Rejected; \n thrownRecord.value = null; \n \n wake(); \n }); \n \n // Only wait a little while for GitHub

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results before showing a fallback.\n  setTimeout(() => {\n    didTimeout = true;\n\n    const timedoutRecord =
((newRecord: any): RejectedRecord);\n    timedoutRecord.status = Rejected;\n    timedoutRecord.value = null;\n\n    wake();\n  }, API_TIMEOUT);\n\n  map.set(errorMessage, record);\n }\n\n const response =
readRecord(record).value;\n return response;\n}\n\nfunction normalizeErrorMessage(errorMessage: string): string
{\n // Remove Fiber IDs from error message (as those will be unique).\n errorMessage =
errorMessage.replace(/\s{0-9}+$/, "");\n return errorMessage;\n}\n\n"/**\n * Copyright (c) Facebook, Inc. and its
affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root
directory of this source tree.\n *\n * @flow\n */\n\nimport type {GitHubIssue} from './githubAPI';\nimport * as
React from 'react';\nimport Icon from './Icon';\nimport styles from './shared.css';\n\nexport default function
UpdateExistingIssue({\n  gitHubIssue,\n}: {\n  gitHubIssue: GitHubIssue,\n}) {\n  const {title, url} =
gitHubIssue;\n  return (\n    <div className={styles.GitHubLinkRow}>\n      <Icon className={styles.ReportIcon}
type=\"bug\" />\n      <div className={styles.UpdateExistingIssuePrompt}>\n        Update existing issue:\n      </div>\n      <a\n        className={styles.ReportLink}\n        href={url}\n        rel=\"noopener noreferrer\"\n        target=\"_blank\"\n        title=\"Report bug\"\n      >\n        {title}\n      </a>\n    </div>\n  );\n}\n\n"/**\n * Copyright (c)
Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n *
LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport * as React from 'react';\nimport
Icon from './Icon';\nimport {searchGitHubIssuesURL} from './githubAPI';\nimport styles from
 './shared.css';\n\nconst LABELS = [\n  'Component: Developer Tools',\n  'Type: Bug',\n  'Status:
Unconfirmed',\n];\n\n// This must match the filename in './github/ISSUE_TEMPLATE'\n\nconst TEMPLATE =
'devtools_bug_report.yml';\n\ntype Props = {\n  callStack: string | null,\n  componentStack: string | null,\n  errorMessage: string | null,\n};\n\nexport default function ReportNewIssue({\n  callStack,\n  componentStack,\n  errorMessage,\n}: Props) {\n  let bugURL = process.env.GITHUB_URL;\n  if (!bugURL) {\n    return null;\n  }\n\n  const gitHubAPISearch =\n    errorMessage !== null ? searchGitHubIssuesURL(errorMessage) : '(none)';\n\n  const
  title = `[DevTools Bug] ${errorMessage || ''}`;\n\n  const parameters = [\n    `template=${TEMPLATE}`, \n    `labels=${encodeURIComponent(LABELS.join(','))}`, \n    `title=${encodeURIComponent(title)}`, \n    `automated_package=${process.env.DEVTOOLS_PACKAGE || ''}`, \n    `automated_version=${process.env.DEVTOOLS_VERSION || ''}`, \n    `automated_error_message=${encodeURIComponent(errorMessage || '')}`, \n    `automated_call_stack=${encodeURIComponent(callStack || '')}`, \n    `automated_component_stack=${encodeURIComponent(componentStack || '')}`, \n    `automated_github_query_string=${gitHubAPISearch}`, \n  ];\n\n  bugURL +=
`/issues/new?${parameters.join('&)`;\n\n  return (\n    <div className={styles.GitHubLinkRow}>\n      <Icon
className={styles.ReportIcon} type=\"bug\" />\n      <a\n        className={styles.ReportLink}\n        href={bugURL}\n        rel=\"noopener noreferrer\"\n        target=\"_blank\"\n        title=\"Report bug\"\n      >\n        Report this issue\n      </a>\n      <div className={styles.ReproSteps}>\n        (Please include steps on how to
reproduce it and the components used.)\n      </div>\n    </div>\n  );\n}\n\n"/**\n * Copyright (c) Facebook, Inc. and
its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root
directory of this source tree.\n *\n * @flow\n */\n\nimport * as React from 'react';\nimport
{isInternalFacebookBuild} from 'react-devtools-feature-flags';\nimport
{REACT_DEVTOOLS_WORKPLACE_URL} from 'react-devtools-shared/src/constants';\nimport Icon from
 './Icon';\nimport styles from './shared.css';\n\nexport default function WorkplaceGroup() {\n  if
(!isInternalFacebookBuild) {\n    return null;\n  }\n\n  return (\n    <div
className={styles.WorkplaceGroupRow}>\n      <Icon className={styles.ReportIcon} type=\"facebook\" />\n
      <a\n        className={styles.ReportLink}\n        href={REACT_DEVTOOLS_WORKPLACE_URL}\n        rel=\"noopener noreferrer\"\n        target=\"_blank\"\n        title=\"Report bug\"\n      >\n        Report this on Workplace\n      </a>\n      <div className={styles.FacebookOnly}>(Facebook employees only.)</div>\n    </div>\n  );\n}\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT
license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport * as

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React from 'react';\nimport { findGitHubIssue } from './cache';\nimport UpdateExistingIssue from
 './UpdateExistingIssue';\nimport ReportNewIssue from './ReportNewIssue';\nimport WorkplaceGroup from
 './WorkplaceGroup';\n\nexport type Props = {\n  callStack: string | null,\n  componentStack: string | null,\n  errorMessage:
 string | null,\n};\n\nexport default function SuspendingErrorView({\n  callStack,\n  componentStack,\n  errorMessage,\n}: Props) {\n  const maybeItem =\n    errorMessage !== null ? findGitHubIssue(errorMessage) :
 null;\n\n  let GitHubUI;\n  if (maybeItem !== null) {\n    GitHubUI = <UpdateExistingIssue
 gitHubIssue={maybeItem} />;\n  } else {\n    GitHubUI = (\n      <ReportNewIssue\n        callStack={callStack}\n
        componentStack={componentStack}\n        errorMessage={errorMessage}\n      />\n    );\n  }\n\n  return (\n    <>\n
    {GitHubUI}\n    <WorkplaceGroup />\n    </>\n  );\n}\n\n"/**\n * Copyright (c) Facebook, Inc. and its
 affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root
 directory of this source tree.\n */\n\nimport * as React from 'react';\nimport Button from
 './Button';\nimport ButtonIcon from './ButtonIcon';\nimport styles from './shared.css';\n\nexport type Props = {\n
  callStack: string | null,\n  children: React$Node,\n  componentStack: string | null,\n  dismissError: Function,\n
  errorMessage: string | null,\n};\n\nexport default function TimeoutView({\n  callStack,\n  children,\n  componentStack,\n
  dismissError = null,\n  errorMessage,\n}: Props) {\n  return (\n    <div
 className={styles.ErrorBoundary}>\n    {children}\n    <div className={styles.ErrorInfo}>\n    <div
 className={styles.HeaderRow}>\n    <div className={styles.TimeoutHeader}>\n    {errorMessage ||
 'Timed out waiting'}\n    </div>\n    <Button className={styles.CloseButton} onClick={dismissError}>\n
    Retry\n    <ButtonIcon className={styles.CloseButtonIcon} type="close" />\n    </Button>\n
  </div>\n    <div className={styles.TimeoutStack}>\n    The timeout
 occurred {componentStack.trim()}\n    </div>\n  )\n  </div>\n  </div>\n);}\n\n"/**\n * Copyright (c)
 Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n *
 LICENSE file in the root directory of this source tree.\n */\n\nimport * as React from 'react';\nimport
 {Component, Suspense} from 'react';\nimport Store from 'react-devtools-shared/src/devtools/store';\nimport
 ErrorView from './ErrorView';\nimport SearchingGitHubIssues from './SearchingGitHubIssues';\nimport
 SuspendingErrorView from './SuspendingErrorView';\nimport TimeoutView from './TimeoutView';\nimport
 TimeoutError from 'react-devtools-shared/src/TimeoutError';\nimport {logEvent} from 'react-devtools-
shared/src/Logger';\n\nexport type Props = {\n  children: React$Node,\n  canDismiss?: boolean,\n
  onBeforeDismissCallback?: () => void,\n  store?: Store,\n};\n\nexport type State = {\n  callStack: string | null,\n
  canDismiss: boolean,\n  componentStack: string | null,\n  errorMessage: string | null,\n  hasError: boolean,\n
  isTimeout: boolean,\n};\n\nconst initialState: State = {\n  callStack: null,\n  canDismiss: false,\n  componentStack:
 null,\n  errorMessage: null,\n  hasError: false,\n  isTimeout: false,\n};\n\nexport default class ErrorBoundary extends
 Component<Props, State> {\n  state: State = initialState;\n\n  static getDerivedStateFromError(error: any) {\n
  const errorMessage =\n    typeof error === 'object' &&\n    error !== null &&\n
  error.hasOwnProperty('message')\n    ? error.message\n    : String(error);\n\n  const isTimeout = error
 instanceof TimeoutError;\n\n  const callStack =\n    typeof error === 'object' &&\n    error !== null &&\n
  error.hasOwnProperty('stack')\n    ? error.stack\n    .split("\\n")\n    .slice(1)\n    .join("\\n")\n    :
 null;\n\n  return {\n    callStack,\n    errorMessage,\n    hasError: true,\n    isTimeout,\n  };\n}\n\n  componentDidCatch(error: any, {componentStack}: any) {\n
  this._logError(error, componentStack);\n  this.setState({\n    componentStack,\n  });\n}\n\n  componentDidMount() {\n  const {store} = this.props;\n  if
 (store !== null) {\n    store.addListener('error', this._onStoreError);\n  }\n}\n\n  componentWillUnmount() {\n
  const {store} = this.props;\n  if (store !== null) {\n    store.removeListener('error', this._onStoreError);\n  }\n}\n\n  render() {\n  const {canDismiss: canDismissProp, children} = this.props;\n  const {\n    callStack,\n
    canDismiss: canDismissState,\n    componentStack,\n    errorMessage,\n    hasError,\n    isTimeout,\n  } =
 this.state;\n\n  if (hasError) {\n    if (isTimeout) {\n      return (\n        <TimeoutView\n
          callStack={callStack}\n          componentStack={componentStack}\n          dismissError={\n
            canDismissProp || canDismissState ? this._dismissError : null\n          }\n          errorMessage={errorMessage}\n
        />\n      );\n    } else {\n      return (\n        <ErrorView\n          callStack={callStack}\n

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componentStack={componentStack}\n      dismissError={\n        canDismissProp || canDismissState ?
this._dismissError : null\n      }\n      errorMessage={errorMessage}>\n    <Suspense
fallback={<SearchingGitHubIssues />}>\n      <SuspendingErrorView\n        callStack={callStack}\n
        componentStack={componentStack}\n        errorMessage={errorMessage}\n      />\n
</Suspense>\n    </ErrorView>\n  );\n  }\n  }\n  return children;\n  }\n  _logError = (error: any,
componentStack: string | null) => {\n    logEvent({\n      event_name: 'error',\n      error_message: error.message ??
null,\n      error_stack: error.stack ?? null,\n      error_component_stack: componentStack ?? null,\n    });\n  };
  _dismissError = () => {\n    const onBeforeDismissCallback = this.props.onBeforeDismissCallback;\n    if (typeof
onBeforeDismissCallback === 'function') {\n      onBeforeDismissCallback();\n    }\n
this.setState(InitialState);\n  };
  _onStoreError = (error: Error) => {\n    if (!this.state.hasError) {\n
this._logError(error, null);\n    this.setState({\n      ...ErrorBoundary.getDerivedStateFromError(error),\n
      canDismiss: true,\n    });\n  }\n};\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This
source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source
tree.\n * \n * @flow\n */\nimport ErrorBoundary from './ErrorBoundary';\nexport default
ErrorBoundary;\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under
the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n * \n * @flow\n */\n
import * as React from 'react';\nimport useThemeStyles from './useThemeStyles';\nexport default function
ThemeProvider({children}: {children: React$Node}) {\n  const themeStyle = useThemeStyles();\n  const style =
React.useMemo(() => {\n    return {\n      ...themeStyle,\n      width: '100%',\n      height: '100%',\n    };
  }, [themeStyle]);\n  return <div style={style}>{children}</div>;\n}\n"/**\n * Copyright (c) Facebook, Inc. and its
affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root
directory of this source tree.\n * \n * @flow\n */\nimport * as React from 'react';\nimport {useContext} from
'react';\nimport {createPortal} from 'react-dom';\nimport ErrorBoundary from './ErrorBoundary';\nimport
{StoreContext} from './context';\nimport ThemeProvider from './ThemeProvider';\nexport type Props =
{portalContainer?: Element, ...};\nexport default function portaledContent(\n  Component:
React$StatelessFunctionalComponent<any>,\n): React$StatelessFunctionalComponent<any> {\n  return function
PortaledContent({portalContainer, ...rest}: Props) {\n    const store = useContext(StoreContext);\n    let children =
(\n      <ErrorBoundary store={store}>\n        <Component {...rest} />\n      </ErrorBoundary>\n    );\n    if
(portalContainer != null) {\n      // The ThemeProvider works by writing DOM style variables to an
HTMLDivElement.\n      // Because Portals render in a different DOM subtree, these variables don't propagate.\n
// So in this case, we need to re-wrap portaled content in a second ThemeProvider.\n      children = (\n
<ThemeProvider>\n        <div\n          data-react-devtools-portal-root={true}\n          style={{ width: '100vw',
height: '100vh'}}>\n          {children}\n        </div>\n      </ThemeProvider>\n    );\n    }\n    return
portalContainer != null\n      ? createPortal(children, portalContainer)\n      : children;\n  };
}\n"/**\n * Copyright
(c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n *
LICENSE file in the root directory of this source tree.\n * \n * @flow\n */\nimport LRU from 'lru-cache';\nimport
{\n  convertInspectedElementBackendToFrontend,\n  hydrateHelper,\n  inspectElement as inspectElementAPI,\n}
from 'react-devtools-shared/src/backendAPI';\nimport {fillInPath} from 'react-devtools-
shared/src/hydration';\nimport type {LRUCache} from 'react-devtools-shared/src/types';\nimport type
{FrontendBridge} from 'react-devtools-shared/src/bridge';\nimport type {\n  InspectElementError,\n  InspectElementFullData,\n  InspectElementHydratedPath,\n} from 'react-devtools-
shared/src/backend/types';\nimport type {\n  Element,\n  InspectedElement as InspectedElementFrontend,\n  InspectedElementResponseType,\n} from 'react-devtools-shared/src/devtools/views/Components/types';\n\n// Maps
element ID to inspected data.\n// We use an LRU for this rather than a WeakMap because of how the "no-change"
optimization works.\n// When the frontend polls the backend for an update on the element that's currently
inspected,\n// the backend will send a "no-change" message if the element hasn't updated (rendered) since the last
time it was asked.\n// In this case, the frontend cache should reuse the previous (cached) value.\n// Using a
WeakMap keyed on Element generally works well for this, since Elements are mutable and stable in the Store.\n//

```

This doesn't work properly though when component filters are changed, because this will cause the Store to dump all roots and re-initialize the tree (recreating the Element objects). So instead we key on Element ID (which is stable in this case) and use an LRU for eviction.

```

const inspectedElementCache: LRUCache<number, InspectedElementFrontend> = new LRU({
  max: 25,
});
type Path = Array<string | number>;
type InspectElementReturnType = [InspectedElementFrontend, InspectedElementResponseType];
export function inspectElement({
  bridge,
  element,
  path,
  rendererID,
}: {
  bridge: FrontendBridge,
  element: Element,
  path: Path | null,
  rendererID: number,
}): Promise<InspectElementReturnType> {
  const {id} = element;
  // This could indicate that the DevTools UI has been closed and reopened.
  // The in-memory cache will be clear but the backend still thinks we have cached data.
  // In this case, we need to tell it to resend the full data.
  const forceFullData = !inspectedElementCache.has(id);
  return inspectElementAPI({
    bridge,
    forceFullData,
    id,
    path,
    rendererID,
  }).then((data: any) => {
    const {type} = data;
    let inspectedElement;
    switch (type) {
      case 'error':
        const {message, stack} = ((data: any): InspectElementError);
        // The backend's stack (where the error originated) is more meaningful than this stack.
        const error = new Error(message);
        error.stack = stack;
        throw error;
      case 'no-change':
        // This is a no-op for the purposes of our cache.
        inspectedElement = inspectedElementCache.get(id);
        if (inspectedElement !== null) {
          return [inspectedElement, type];
        }
        // We should only encounter this case in the event of a bug.
        throw Error(`Cached data for element "${id}" not found`);
      case 'not-found':
        // This is effectively a no-op.
        // If the Element is still in the Store, we can eagerly remove it from the Map.
        inspectedElementCache.remove(id);
        throw Error(`Element "${id}" not found`);
      case 'full-data':
        const fullData = ((data: any): InspectElementFullData);
        // New data has come in.
        // We should replace the data in our local mutable copy.
        inspectedElement = convertInspectedElementBackendToFrontend(
          fullData.value,
        );
        inspectedElementCache.set(id, inspectedElement);
        return [inspectedElement, type];
      case 'hydrated-path':
        const hydratedPathData = ((data: any): InspectElementHydratedPath);
        const {value} = hydratedPathData;
        // A path has been hydrated.
        // Merge it with the latest copy we have locally and resolve with the merged value.
        inspectedElement = inspectedElementCache.get(id) || null;
        if (inspectedElement !== null) {
          // Clone element
          inspectedElement = {...inspectedElement};
          // Merge hydrated data
          fillInPath(
            inspectedElement,
            value,
            ((path: any): Path),
            hydrateHelper(value, ((path: any): Path)),
          );
          inspectedElementCache.set(id, inspectedElement);
          return [inspectedElement, type];
        }
        break;
      default:
        // Should never happen.
        if (__DEV__) {
          console.error(`Unexpected inspected element response data: "${type}"`);
          break;
        }
        throw Error(`Unable to inspect element with id "${id}"`);
    }
  });
}
export function clearCacheForTests(): void {
  inspectedElementCache.reset();
}
*/
**
 * Copyright (c) Facebook, Inc. and its affiliates.
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 * @flow
 */
import {
  unstable_getCacheForType as getCacheForType,
  startTransition,
} from 'react';
import Store from './devtools/store';
import {
  inspectElement as inspectElementMutableSource,
} from './inspectedElementMutableSource';
import type {
  FrontendBridge,
} from 'react-devtools-shared/src/bridge';
import type {
  Wakeable,
} from 'shared/ReactTypes';
import type {
  Element,
  InspectedElement as InspectedElementFrontend,
  InspectedElementResponseType,
} from 'react-devtools-shared/src/devtools/views/Components/types';
const
  Pending = 0,
  Resolved = 1,
  Rejected = 2;
type PendingRecord = {
  status: 0,
  value: Wakeable,
};
type ResolvedRecord<T> = {
  status: 1,
  value: T,
};
type RejectedRecord = {
  status: 2,
  value: Error | string,
};
type Record<T> = PendingRecord | ResolvedRecord<T> | RejectedRecord;
function readRecord<T>(record: Record<T>): ResolvedRecord<T> {
  if (record.status === Resolved) {
    // This is just a type refinement.
    return record;
  } else {
    throw record.value;
  }
}
type InspectedElementMap = WeakMap<Element, Record<InspectedElementFrontend>>;
type CacheSeedKey = () => InspectedElementMap;
function createMap(): InspectedElementMap {
  return new WeakMap();
}
function

```

```

getRecordMap(): WeakMap<Element, Record<InspectedElementFrontend>> {
  return
  getCacheForType(createMap());
}
function createCacheSeed(
  element: Element,
  inspectedElement:
  InspectedElementFrontend,
): [CacheSeedKey, InspectedElementMap] {
  const newRecord:
  Record<InspectedElementFrontend> = {
    status: Resolved,
    value: inspectedElement,
  };
  const map =
  createMap();
  map.set(element, newRecord);
  return [createMap, map];
}
/**
 * Fetches element props and
  state from the backend for inspection.
  This method should be called during
  render; it will suspend if data has
  not yet been fetched.
  */
export function inspectElement(
  element: Element,
  path: Array<string | number> |
  null,
  store: Store,
  bridge: FrontendBridge,
): InspectedElementFrontend | null {
  const map =
  getRecordMap();
  let record = map.get(element);
  if (!record) {
    const callbacks = new Set();
    const
    wakeable: Wakeable = {
      then(callback) {
        callbacks.add(callback);
      },
      // Optional property
      used by Timeline:
      displayName: `Inspecting ${element.displayName || 'Unknown'}`,
    };
    const wake =
    () => {
      // This assumes they won't throw.
      callbacks.forEach(callback => callback());
    };
    const newRecord: Record<InspectedElementFrontend> =
    (record = {
      status:
      Pending,
      value: wakeable,
    });
    const rendererID =
    store.getRendererIDForElement(element.id);
    if (rendererID == null) {
      const rejectedRecord =
      ((newRecord: any): RejectedRecord);
      rejectedRecord.status =
      Rejected;
      rejectedRecord.value =
      new Error(`Could not inspect element
      with id "${element.id}". No
      renderer found.`);
      map.set(element, record);
      return null;
    }
    inspectElementMutableSource(
      {
        bridge,
        element,
        path,
        rendererID: ((rendererID: any):
        number),
      }
    ).then(
      ([inspectedElement: InspectedElementFrontend]) => {
        const resolvedRecord =
        ((newRecord: any): ResolvedRecord<
        InspectedElementFrontend>);
        resolvedRecord.status = Resolved;
        resolvedRecord.value =
        inspectedElement;
        wake();
      },
      error => {
        console.error(error);
        const rejectedRecord =
        ((newRecord: any): RejectedRecord);
        rejectedRecord.status = Rejected;
        rejectedRecord.value =
        error;
        wake();
      },
    );
    map.set(element, record);
  }
  const response =
  readRecord(record).value;
  return response;
}
type RefreshFunction = (
  seedKey: CacheSeedKey,
  cacheMap: InspectedElementMap,
) => void;
/**
 * Asks the backend for updated props
  and state from an expected element.
  This method should never be called
  during render; call it from an
  effect or event handler.
  This method will schedule an update
  if updated information is returned.
  */
export function checkForUpdate(
  bridge: FrontendBridge,
  element: Element,
  refresh: RefreshFunction,
  store: Store,
): void {
  const {id} = element;
  const rendererID =
  store.getRendererIDForElement(id);
  if (rendererID != null) {
    inspectElementMutableSource(
      {
        bridge,
        element,
        path: null,
        rendererID: ((rendererID: any):
        number),
      }
    ).then(
      ([
        inspectedElement: InspectedElementFrontend,
        responseType: InspectedElementResponseType,
      ]) => {
        if (responseType === 'full-data') {
          startTransition(() => {
            const [key, value] =
            createCacheSeed(element, inspectedElement);
            refresh(key, value);
          });
        }
      },
      // There isn't much to do about errors in this case,
      // but we should at least log them so they aren't silent.
      error => {
        console.error(error);
      },
    );
  }
}
export function clearCacheBecauseOfError(
  refresh: RefreshFunction
): void {
  startTransition(() => {
    const map = createMap();
    refresh(createMap, map);
  });
}
/**
 * Copyright (c) Facebook, Inc. and
  its affiliates.
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  the MIT license found in the
  LICENSE file in the root directory
  of this source tree.
  */
@flow
import * as
  React from 'react';
import {
  useCallback,
  useContext,
  unstable_useCacheRefresh as
  useCacheRefresh,
} from 'react';
import ErrorBoundary from
  '../ErrorBoundary';
import {TreeStateContext} from
  '../TreeContext';
import {clearCacheBecauseOfError}
  from '../InspectedElementCache';
import styles from
  './InspectedElementErrorBoundary.css';
type WrapperProps = {
  children: React$Node,
};
export default
function InspectedElementErrorBoundaryWrapper(
  {children, ...}: WrapperProps
) {
  // Key on the selected element ID
  // so that changing the selected
  // element automatically hides the
  // boundary.
  // This seems best since an error
  // inspecting one element isn't
  // likely to be relevant to another
  // element.
  const {selectedElementID} =
  useContext(TreeStateContext);
  const refresh = useCacheRefresh();
  const handleDsmis =
  useCallback(() => {
    clearCacheBecauseOfError(refresh);
  }, [refresh]);
  return (
    <div className={styles.Wrapper}>

```

```

<ErrorBoundary\n    key={selectedElementID}\n    canDismiss={true}\n
onBeforeDismissCallback={handleDsmis}>\n    {children}\n </ErrorBoundary>\n </div>\n );\n\n", "/*\n
* Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in
the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport * as React from
'react';\nimport {\n createContext,\n useCallback,\n useContext,\n useMemo,\n useReducer,\n useRef,\n} from
'react';\nimport Button from './Button';\nimport {useModalDismissSignal} from './hooks';\n\nimport styles from
'./ModalDialog.css';\n\ntype ID = any;\n\ntype DIALOG_ACTION_HIDE = {\n type: 'HIDE',\n id: ID,\n};\ntype
DIALOG_ACTION_SHOW = {\n type: 'SHOW',\n canBeDismissed?: boolean,\n content: React$Node,\n id:
ID,\n title?: React$Node | null,\n};\n\ntype Action = DIALOG_ACTION_HIDE |
DIALOG_ACTION_SHOW;\n\ntype Dispatch = (action: Action) => void;\n\ntype Dialog = {\n canBeDismissed:
boolean,\n content: React$Node | null,\n id: ID,\n title: React$Node | null,\n};\n\ntype State = {\n dialogs:
Array<Dialog>,\n};\n\ntype ModalDialogContextType = {\n ...State,\n dispatch: Dispatch,\n};\n\nconst
ModalDialogContext = createContext<ModalDialogContextType>(\n (null: any):
ModalDialogContextType),\n);\n\nModalDialogContext.displayName = 'ModalDialogContext';\n\nfunction
dialogReducer(state, action) {\n switch (action.type) {\n case 'HIDE':\n return {\n dialogs:
state.dialogs.filter(dialog => dialog.id !== action.id),\n }; \n case 'SHOW':\n return {\n dialogs: [\n
...state.dialogs,\n {\n canBeDismissed: action.canBeDismissed !== false,\n content:
action.content,\n id: action.id,\n title: action.title || null,\n },\n ],\n }; \n default:\n
throw new Error(`Invalid action \"${action.type}\"`);\n }}\n\n\ntype Props = {\n children:
React$Node,\n};\n\nfunction ModalDialogContextController({children}: Props) {\n const [state, dispatch] =
useReducer<State, State, Action>(dialogReducer, {\n dialogs: [],\n });\n\n const value =
useMemo<ModalDialogContextType>(\n () => ({\n dialogs: state.dialogs,\n dispatch,\n })),\n [state,
dispatch],\n );\n\n return (\n <ModalDialogContext.Provider value={value}>\n {children}\n
</ModalDialogContext.Provider>\n );\n\n\nfunction ModalDialog(_: {||}) {\n const {dialogs, dispatch} =
useContext(ModalDialogContext);\n\n if (dialogs.length === 0) {\n return null;\n }\n\n return (\n <div
className={styles.Background}>\n {dialogs.map(dialog => (\n <ModalDialogImpl\n
key={dialog.id}\n canBeDismissed={dialog.canBeDismissed}\n content={dialog.content}\n
dispatch={dispatch}\n id={dialog.id}\n title={dialog.title}\n />\n ))}\n </div>\n
);\n\n\nfunction ModalDialogImpl({\n canBeDismissed,\n content,\n dispatch,\n id,\n title,\n}: {\n
canBeDismissed: boolean,\n content: React$Node | null,\n dispatch: Dispatch,\n id: ID,\n title: React$Node |
null,\n}) {\n const dismissModal = useCallback(() => {\n if (canBeDismissed) {\n dispatch({type: 'HIDE',
id});\n } \n }, [canBeDismissed, dispatch]);\n const dialogRef = useRef<HTMLDivElement | null>(null);\n\n //
It's important to trap click events within the dialog,\n // so the dismiss hook will use it for click hit detection.\n //
Because multiple tabs may be showing this ModalDialog,\n // the normal `dialog.contains(target)` check would fail
on a background tab.\n useModalDismissSignal(dialogRef, dismissModal, false);\n\n // Clicks on the dialog should
not bubble.\n // This way we can dismiss by listening to clicks on the background.\n const handleDialogClick =
(event: any) => {\n event.stopPropagation();\n\n // It is important that we don't also prevent default,\n // or
clicks within the dialog (e.g. on links) won't work.\n }; \n\n return (\n <div ref={dialogRef}
className={styles.Dialog} onClick={handleDialogClick}>\n {title !== null && <div
className={styles.Title}>{title}</div>}\n {content}\n {canBeDismissed && (\n <div
className={styles.Buttons}>\n <Button\n autoFocus={true}\n className={styles.Button}\n
onClick={dismissModal}>\n Okay\n </Button>\n </div>\n )}\n </div>\n );\n\n\nexport
{ModalDialog, ModalDialogContext, ModalDialogContextController};\n\n", "/*\n
* Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the
root directory of this source tree.\n *\n * @flow\n */\n\nimport {createContext} from 'react';\n\nimport type {\n
CanViewElementSource,\n ViewElementSource,\n} from 'react-devtools-
shared/src/devtools/views/DevTools';\n\nexport type Context = {\n canViewElementSourceFunction:
CanViewElementSource | null,\n viewElementSourceFunction: ViewElementSource | null,\n};\n\nconst

```

```

ViewElementSourceContext = createContext<Context>(((null: any):
Context));\nViewElementSourceContext.displayName = 'ViewElementSourceContext';\n\nexport default
ViewElementSourceContext;\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is
licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n *
@flow\n */\n\nimport * as React from 'react';\nimport {useContext} from 'react';\nimport {StoreContext} from
'./context';\nimport {\n  ComponentFilterElementType,\n  ElementTypeSuspense,\n} from 'react-devtools-
shared/src/types';\n\nexport default function CannotSuspendWarningMessage() {\n  const store =
useContext(StoreContext);\n  const areSuspenseElementsHidden = !!store.componentFilters.find(\n  filter =>\n  filter.type === ComponentFilterElementType &&\n  filter.value === ElementTypeSuspense &&\n  filter.isEnabled,\n  );\n  // Has the user filtered out Suspense nodes from the tree?\n  // If so, the selected element
might actually be in a Suspense tree after all.\n  if (areSuspenseElementsHidden) {\n    return (\n  <div>\n  Suspended state cannot be toggled while Suspense components are hidden.\n    Disable the filter and try again.\n  </div>\n  );\n  } else {\n    return (\n  <div>\n    The selected element is not within a Suspense container.\n    Suspending it\n    would cause an error.\n  </div>\n  );\n  }\n}\n", "/*\n * Copyright (c) Facebook, Inc. and its
affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root
directory of this source tree.\n *\n * @flow\n */\n\nimport {createContext} from 'react';\n\nexport type ShowFn =
({|data: Object, pageX: number, pageY: number|}) => void;\nexport type HideFn = () => void;\nexport type
OnChangeFn = boolean => void;\n\nconst idToShowFnMap = new Map<string, ShowFn>();\nconst
idToHideFnMap = new Map<string, HideFn>();\n\nlet currentHide: ?HideFn = null;\nlet currentOnChange:
?OnChangeFn = null;\n\nfunction hideMenu() {\n  if (typeof currentHide === 'function') {\n    currentHide();\n  }\n  if (typeof currentOnChange === 'function') {\n    currentOnChange(false);\n  }\n}\n\ncurrentHide = null;\ncurrentOnChange = null;\n\nfunction showMenu({\n  data,\n  id,\n  onChange,\n  pageX,\n  pageY,\n}: {\n  data:
Object,\n  id: string,\n  onChange?: OnChangeFn,\n  pageX: number,\n  pageY: number,\n}) {\n  const showFn =
idToShowFnMap.get(id);\n  if (typeof showFn === 'function') {\n    // Prevent open menus from being left
hanging.\n    hideMenu();\n\n    currentHide = idToHideFnMap.get(id);\n\n    showFn({data, pageX, pageY});\n\n    if (typeof onChange === 'function') {\n      currentOnChange = onChange;\n      onChange(true);\n    }\n  }\n}\n\nfunction registerMenu(id: string, showFn: ShowFn, hideFn: HideFn) {\n  if (idToShowFnMap.has(id)) {\n    throw Error(`Context menu with id \`${id}\` already registered.`);\n  }\n  idToShowFnMap.set(id, showFn);\n  idToHideFnMap.set(id, hideFn);\n  return function unregisterMenu() {\n    idToShowFnMap.delete(id);\n    idToHideFnMap.delete(id);\n  };}\n}\n\nexport type RegistryContextType = {\n  hideMenu: typeof hideMenu,\n  showMenu: typeof showMenu,\n  registerMenu: typeof registerMenu,\n};\n\nexport const RegistryContext =
createContext<RegistryContextType>({\n  hideMenu,\n  showMenu,\n  registerMenu,\n});\n", "/*\n * Copyright (c)
Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n *
LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport * as React from 'react';\nimport
{useContext, useEffect, useLayoutEffect, useRef, useState} from 'react';\nimport {createPortal} from 'react-
dom';\nimport {RegistryContext} from './Contexts';\n\nimport styles from './ContextMenu.css';\n\nimport type
{RegistryContextType} from './Contexts';\n\nfunction repositionToFit(element: HTMLElement, pageX: number,
pageY: number) {\n  const ownerWindow = element.ownerDocument.defaultView;\n  if (element !== null) {\n    if
(pageY + element.offsetHeight >= ownerWindow.innerHeight) {\n      if (pageY - element.offsetHeight > 0) {\n
element.style.top = `${pageY - element.offsetHeight}px`;\n      } else {\n        element.style.top = '0px';\n      }\n    }
else {\n      element.style.top = `${pageY}px`;\n    }\n\n    if (pageX + element.offsetWidth >=
ownerWindow.innerWidth) {\n      if (pageX - element.offsetWidth > 0) {\n        element.style.left = `${pageX -
element.offsetWidth}px`;\n      } else {\n        element.style.left = '0px';\n      }\n    } else {\n      element.style.left =
`${pageX}px`;\n    }\n  }\n}\n\nconst HIDDEN_STATE = {\n  data: null,\n  isVisible: false,\n  pageX: 0,\n  pageY:
0,\n};\n\nexport type Props = {\n  children: (data: Object) => React$Node,\n  id: string,\n};\n\nexport default function
ContextMenu({children, id}: Props) {\n  const {hideMenu, registerMenu} = useContext<RegistryContextType>(
RegistryContext,\n  );\n\n  const [state, setState] = useState(HIDDEN_STATE);\n\n  const bodyAccessorRef =
useRef(null);\n  const containerRef = useRef(null);\n  const menuRef = useRef(null);\n\n  useEffect(() => {\n

```

```

const element = bodyAccessorRef.current;\n  if (element !== null) {\n    const ownerDocument =
element.ownerDocument;\n    containerRef.current = ownerDocument.querySelector(\n      '[data-react-devtools-
portal-root]',\n    );\n\n    if (containerRef.current === null) {\n      console.warn(\n        'DevTools tooltip root
node not found; context menus will be disabled.',\n      );\n    }\n  }\n }, []);\n\n useEffect(() => {\n  const
showMenuFn = ({data, pageX, pageY}) => {\n    setState({data, isVisible: true, pageX, pageY});\n  };\n  const
hideMenuFn = () => setState(HIDDEN_STATE);\n  return registerMenu(id, showMenuFn, hideMenuFn);\n },
[id]);\n\n useLayoutEffect(() => {\n  if (!state.isVisible) {\n    return;\n  }\n\n  const menu =
((menuRef.current: any): HTMLElement);\n  const container = containerRef.current;\n  if (container !== null) {\n
    const hideUnlessContains = event => {\n      if (!menu.contains(event.target)) {\n        hideMenu();\n      }\n
    };\n\n    const ownerDocument = container.ownerDocument;\n
ownerDocument.addEventListener('mousedown', hideUnlessContains);\n
ownerDocument.addEventListener('touchstart', hideUnlessContains);\n
ownerDocument.addEventListener('keydown', hideUnlessContains);\n\n    const ownerWindow =
ownerDocument.defaultView;\n    ownerWindow.addEventListener('resize', hideMenu);\n\n    repositionToFit(menu, state.pageX, state.pageY);\n\n    return () => {\n
ownerDocument.removeEventListener('mousedown', hideUnlessContains);\n
ownerDocument.removeEventListener('touchstart', hideUnlessContains);\n
ownerDocument.removeEventListener('keydown', hideUnlessContains);\n\n    ownerWindow.removeEventListener('resize', hideMenu);\n  };\n  }\n }, [state]);\n\n if (!state.isVisible) {\n
return <div ref={bodyAccessorRef} />;\n } else {\n  const container = containerRef.current;\n  if (container !==
null) {\n    return createPortal(\n      <div ref={menuRef} className={styles.ContextMenu}>\n
{children(state.data)}\n      </div>,\n      container,\n    );\n  } else {\n    return null;\n  }\n }\n };\n\n /**\n *
Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in
the\n * LICENSE file in the root directory of this source tree.\n * @flow\n */\n\n import * as React from
'react';\n import {useContext} from 'react';\n import {RegistryContext} from './Contexts';\n\n import styles from
'./ContextMenuItem.css';\n\n import type {RegistryContextType} from './Contexts';\n\n type Props = {\n  children:
React$Node,\n  onClick: () => void,\n  title: string,\n};\n\n export default function ContextMenuItem({children,
onClick, title}: Props) {\n  const {hideMenu} = useContext<RegistryContextType>(RegistryContext);\n\n  const
handleClick = event => {\n    onClick();\n    hideMenu();\n  };\n\n  return (\n    <div\n
className={styles.ContextMenuItem}\n    onClick={handleClick}\n    onTouchEnd={handleClick}>\n
{children}\n    </div>\n  );\n }\n\n /**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is
licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n * @flow\n */\n\n
import * as React from 'react';\n import styles from './HocBadges.css';\n\n import type {Element} from
'./types';\n\n type Props = {\n  element: Element,\n};\n\n export default function HocBadges({element}: Props) {\n
const {hocDisplayNames} = ((element: any): Element);\n\n if (hocDisplayNames === null) {\n  return null;\n
}\n\n return (\n  <div className={styles.HocBadges}>\n    {hocDisplayNames !== null &&\n
hocDisplayNames.map(hocDisplayName => (\n      <div key={hocDisplayName} className={styles.Badge}>\n
        {hocDisplayName}\n      </div>\n    ))}\n  </div>\n );\n }\n\n /**\n * Copyright (c) Facebook, Inc. and
its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root
directory of this source tree.\n * @flow\n */\n\n import * as React from 'react';\n import styles from
'./AutoSizeInput.css';\n\n type Props = {\n  className?: string,\n  onFocus?: (event: FocusEvent) => void,\n
placeholder?: string,\n  testName?: ?string,\n  value: any,\n  ...;\n};\n\n export default function AutoSizeInput({\n
className,\n  onFocus,\n  placeholder = "",\n  testName,\n  value,\n  ...rest\n}: Props) {\n  const onFocusWrapper =
event => {\n    const input = event.target;\n    if (input !== null) {\n      input.selectionStart = 0;\n
input.selectionEnd = value.length;\n    }\n\n    if (typeof onFocus === 'function') {\n      onFocus(event);\n    }\n
};\n\n  const isEmpty = value === "" || value === "\\n";\n\n  return (\n    <input\n
className={[\nstyles.Input,\nclassName].join(' ')}\n    data-testname={testName}\n    onFocus={onFocusWrapper}\n
placeholder={placeholder}\n    style={{\n      width: `calc(${isEmpty ? placeholder.length : value.length}ch +

```

```

1px)`,\n  }}\n  value={isEmpty ? " : value}\n  {...rest}\n  />\n );\n}\n"/**\n * Copyright (c) Facebook,
Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in
the root directory of this source tree.\n *\n * @flow\n */\n\nimport * as React from 'react';\nimport {useCallback,
useState} from 'react';\nimport AutoSizeInput from './NativeStyleEditor/AutoSizeInput';\nimport styles from
 './EditableName.css';\n\ntype Type = 'props' | 'state' | 'context' | 'hooks';\ntype OverrideNameFn = (\n oldName:
Array<string | number>,\n newName: Array<string | number>,\n) => void;\n\ntype EditableNameProps = {\n
allowEmpty?: boolean,\n allowWhiteSpace?: boolean,\n autoFocus?: boolean,\n className?: string,\n
initialValue?: string,\n overrideName: OverrideNameFn,\n path: Array<string | number>,\n type:
Type,\n};\n\nexport default function EditableName({\n allowEmpty = false,\n allowWhiteSpace = false,\n
autoFocus = false,\n className = "",\n initialValue = "",\n overrideName,\n path,\n type,\n}: EditableNameProps)
{\n  const [editableName, setEditableName] = useState(initialValue);\n  const [isValid, setIsValid] =
useState(false);\n\n  const handleChange = useCallback(\n    ({target}) => {\n      let value = target.value;\n      if
(!allowWhiteSpace) {\n        value = value.trim();\n      }\n      if (allowEmpty || value !== "") {\n
setIsValid(true);\n      } else {\n        setIsValid(false);\n      }\n      setEditableName(value);\n    },\n    [overrideName],\n  );\n\n  const handleKeyDown = useCallback(\n    event => {\n      // Prevent keydown events
from e.g. change selected element in the tree\n      event.stopPropagation();\n      switch (event.key) {\n        case
'Enter':\n          case 'Tab':\n            if (isValid) {\n              const basePath = path.slice(0, path.length - 1);\n
              overrideName(\n                [...basePath, initialValue],\n                [...basePath, editableName],\n                );\n              }\n            break;\n          case 'Escape':\n            setEditableName(initialValue);\n            break;\n          default:\n            break;\n        }\n      },\n    [editableName, setEditableName, isValid, initialValue, overrideName],\n  );\n\n  return (\n
<AutoSizeInput\n    autoFocus={autoFocus}\n    className={styles.Input, className}.join(' ')\n    onChange={handleChange}\n    onKeyDown={handleKeyDown}\n    placeholder="new entry"\n
    testName="EditableName"\n    type="text"\n    value={editableName}\n  />\n );\n}\n"/**\n * Copyright (c)
Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n *
LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport * as React from 'react';\nimport
{Fragment} from 'react';\nimport styles from './EditableValue.css';\nimport {useEditableValue} from
 './hooks';\n\ntype OverrideValueFn = (path: Array<string | number>, value: any) => void;\n\ntype
EditableValueProps = {\n  className?: string,\n  overrideValue: OverrideValueFn,\n  path: Array<string |
number>,\n  value: any,\n};\n\nexport default function EditableValue({\n  className = "",\n  overrideValue,\n  path,\n  value,\n}: EditableValueProps) {\n  const [state, dispatch] = useEditableValue(value);\n  const
{editableValue, hasPendingChanges, isValid, parsedValue} = state;\n\n  const reset = () =>{\n    dispatch({\n      type:
'RESET',\n      externalValue: value,\n    });\n\n    const handleChange = ({target}) =>{\n      dispatch({\n        type:
'UPDATE',\n        editableValue: target.value,\n        externalValue: value,\n      });\n\n      const handleCheckBoxToggle =
({target}) => {\n        dispatch({\n          type: 'UPDATE',\n          editableValue: target.checked,\n          externalValue:
value,\n        });\n\n        // Unlike <input type="text"> which has both an onChange and an onBlur,\n        // <input
type="checkbox"> updates state *and* applies changes in a single event.\n        // So we read from target.checked
rather than parsedValue (which has not yet updated).\n        // We also don't check isValid (because that hasn't changed
yet either);\n        // we don't need to check it anyway, since target.checked is always a boolean.\n\n        overrideValue(path, target.checked);\n      });\n\n      const handleKeyDown = event => {\n        // Prevent keydown events
from e.g. change selected element in the tree\n        event.stopPropagation();\n\n        switch (event.key) {\n          case
'Enter':\n            applyChanges();\n            break;\n          case 'Escape':\n            reset();\n            break;\n          default:\n            break;\n        }\n      }; \n\n      const applyChanges = () => {\n        if (isValid && hasPendingChanges) {\n
          overrideValue(path, parsedValue);\n        } \n      }; \n\n      let placeholder = "";\n      if (editableValue === undefined) {\n
placeholder = '(undefined)';\n      } else {\n        placeholder = 'Enter valid JSON';\n      }\n\n      const isBool = parsedValue
=== true || parsedValue === false;\n\n      return (\n        <Fragment>\n        <input\n          autoComplete="new-
password"\n          className={` ${isValid ? styles.Input : styles.Invalid} ${className}`}\n          data-
testname="EditableValue"\n          onBlur={applyChanges}\n          onChange={handleChange}\n
          onKeyDown={handleKeyDown}\n          placeholder={placeholder}\n          type="text"\n

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value={editableValue}\n />\n {isBool && (\n <input\n className={styles.Checkbox}\n
checked={parsedValue}\n type="checkbox"\n onChange={handleCheckBoxToggle}\n />\n )}\n
</Fragment>\n );\n\n",/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed
under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n
*\n *\n * Converts nested hooks paths to the format expected by the backend.\n * e.g. [""] => [""]\n * e.g. [1,
'value', ...] => [...]\n * e.g. [2, 'subhooks', 1, 'value', ...] => [...]\n * e.g. [1, 'subhooks', 3, 'subhooks', 2, 'value', ...] =>
[...]\n *\nexport function parseHookPathForEdit(\n path: Array<string | number>,\n): Array<string | number> {\n
let index = 0;\n for (let i = 0; i < path.length; i++) {\n if (path[i] === 'value') {\n index = i + 1;\n break;\n
}\n }\n return path.slice(index);\n}\n\n",/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source
code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n
* @flow\n *\nimport * as React from 'react';\nimport {useState} from 'react';\nimport Store from
'../store';\nimport EditableName from './EditableName';\nimport {smartParse} from '../utils';\nimport
{parseHookPathForEdit} from './utils';\nimport styles from './NewArrayValue.css';\nimport type
{InspectedElement} from './types';\nimport type {FrontendBridge} from 'react-devtools-shared/src/bridge';\n\ntype
Props = {\n bridge: FrontendBridge,\n depth: number,\n hidden: boolean,\n hookID?: ?number,\n index:
number,\n inspectedElement: InspectedElement,\n path: Array<string | number>,\n store: Store,\n type: 'props' |
'context' | 'hooks' | 'state',\n};\n\nexport default function NewArrayValue({\n bridge,\n depth,\n hidden,\n
hookID,\n index,\n inspectedElement,\n path,\n store,\n type,\n}: Props) {\n const [key, setKey] =
useState<number>(0);\n const [isInvalid, setIsInvalid] = useState(false);\n\n // This is a bit of an unusual usage of
the EditableName component,\n // but otherwise it acts the way we want for a new Array entry.\n const
overrideName = (oldPath, newPath) => {\n const value = newPath[newPath.length - 1];\n let parsedValue;\n
let newIsInvalid = true;\n try {\n parsedValue = smartParse(value);\n newIsInvalid = false;\n } catch
(error) {\n\n if (isInvalid !== newIsInvalid) {\n setIsInvalid(newIsInvalid);\n }\n\n if (!newIsInvalid) {\n
setKey(key + 1);\n\n const {id} = inspectedElement;\n const rendererID =
store.getRendererIDForElement(id);\n if (rendererID !== null) {\n let basePath = path;\n if (hookID !==
null) {\n basePath = parseHookPathForEdit(basePath);\n }\n\n bridge.send('overrideValueAtPath', {\n
type,\n hookID,\n id,\n path: [...basePath, index],\n rendererID,\n value:
parsedValue,\n });\n }\n }\n\n return (\n <div\n key={key}\n hidden={hidden}\n
style={{\n paddingLeft: `${(depth - 1) * 0.75}rem`,\n }}>\n <div
className={styles.NewArrayValue}>\n <EditableName\n allowWhiteSpace={true}\n
autoFocus={key > 0}\n className={[\n styles.EditableName, isInvalid && styles.Invalid].join(' ',\n
)}\n initialValue=""\n overrideName={overrideName}\n path={path}\n />\n </div>\n
</div>\n );\n\n",/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under
the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n
*\n *\nimport * as React from 'react';\nimport {useState} from 'react';\nimport Store from
'../store';\nimport EditableName from './EditableName';\nimport EditableValue from './EditableValue';\nimport
{parseHookPathForEdit} from './utils';\nimport styles from './NewKeyValue.css';\nimport type
{InspectedElement} from './types';\nimport type {FrontendBridge} from 'react-devtools-shared/src/bridge';\n\ntype
Props = {\n bridge: FrontendBridge,\n depth: number,\n hidden: boolean,\n hookID?: ?number,\n
inspectedElement: InspectedElement,\n path: Array<string | number>,\n store: Store,\n type: 'props' | 'state' |
'hooks' | 'context',\n};\n\nexport default function NewKeyValue({\n bridge,\n depth,\n hidden,\n hookID,\n
inspectedElement,\n path,\n store,\n type,\n}: Props) {\n const [newPropKey, setNewPropKey] =
useState<number>(0);\n const [newPropName, setNewPropName] = useState<string>("");\n\n const
overrideNewEntryName = (oldPath, newPath) => {\n setNewPropName(newPath[newPath.length - 1]);\n\n\n\n
const overrideNewEntryValue = (newPath, value) => {\n if (!newPropName) {\n return;\n }\n\n
setNewPropName("");\n setNewPropKey(newPropKey + 1);\n\n const {id} = inspectedElement;\n const
rendererID = store.getRendererIDForElement(id);\n if (rendererID !== null) {\n let basePath = newPath;\n if
(hookID !== null) {\n basePath = parseHookPathForEdit(basePath);\n }\n\n

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bridge.send('overrideValueAtPath', {\n  type,\n  hookID,\n  id,\n  path: basePath,\n  rendererID,\n  value,\n  });\n  }\n  };\n  }\n  return (\n    <div\n      key={newPropKey}\n      hidden={hidden}\n      style={{\n        paddingLeft: `${(depth - 1) * 0.75}rem`,\n      }}>\n      <div className={styles.NewKeyValue}>\n        <EditableName\n          autoFocus={newPropKey > 0}\n          className={styles.EditableName}\n          overrideName={overrideNewEntryName}\n          path={[]}\n        />\n        :&nbsp;\n        <EditableValue\n          className={styles.EditableValue}\n          overrideValue={overrideNewEntryValue}\n          path=[...path,\n            newPropName]\n          value=""\n        />\n      </div>\n    </div>\n  );\n  }\n  }"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\nimport * as React from 'react';\nimport Button from './Button';\nimport ButtonIcon from './ButtonIcon';\nimport styles from './ExpandCollapseToggle.css';\n\ntype\nExpandCollapseToggleProps = {\n  disabled: boolean,\n  isOpen: boolean,\n  setIsOpen: Function,\n};\n\nexport\n default function ExpandCollapseToggle({\n  disabled,\n  isOpen,\n  setIsOpen,\n}: ExpandCollapseToggleProps)\n {\n  return (\n    <Button\n      className={styles.ExpandCollapseToggle}\n      disabled={disabled}\n      onClick={() => setIsOpen(prevIsOpen => !prevIsOpen)}\n      title={`${isOpen ? 'Collapse' : 'Expand'}`}\n      prop\n      value`>\n      <ButtonIcon type={isOpen ? 'expanded' : 'collapsed'} />\n    </Button>\n  );\n  }\n  }"/**\n * Copyright\n * (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\nimport {useContext, useEffect} from\n'react';\nimport {RegistryContext} from './Contexts';\nimport type {OnChangeFn, RegistryContextType} from\n'./Contexts';\nimport type {ElementRef} from 'react';\n\nexport default function useContextMenu({\n  data,\n  id,\n  onChange,\n  ref,\n}: {\n  data: Object,\n  id: string,\n  onChange?: OnChangeFn,\n  ref: {current: ElementRef<*> | null},\n}) {\n  const {showMenu} = useContext<RegistryContextType>(RegistryContext);\n  useEffect(() => {\n    if (ref.current !== null) {\n      const handleContextMenu = (event: MouseEvent | TouchEvent) => {\n        event.preventDefault();\n        event.stopPropagation();\n\n        const pageX =\n          (event: any).pageX ||\n          (event.touches && (event: any).touches[0].pageX);\n        const pageY =\n          (event: any).pageY ||\n          (event.touches && (event: any).touches[0].pageY);\n        showMenu({data, id, onChange, pageX, pageY});\n      };\n      const trigger = ref.current;\n      trigger.addEventListener('contextmenu', handleContextMenu);\n    }\n    return () => {\n      trigger.removeEventListener('contextmenu', handleContextMenu);\n    };\n  }, [data, id, showMenu]);\n  }"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed\n * under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\nimport {__DEBUG__} from 'react-devtools-shared/src/constants';\nimport type {Thenable, Wakeable} from\n'shared/ReactTypes';\n\nconst TIMEOUT = 30000;\nconst Pending = 0;\nconst Resolved = 1;\nconst Rejected =\n  2;\n\ntype PendingRecord = {\n  status: 0,\n  value: Wakeable,\n};\n\ntype ResolvedRecord<T> = {\n  status: 1,\n  value: T,\n};\n\ntype RejectedRecord = {\n  status: 2,\n  value: null,\n};\n\ntype Record<T> = PendingRecord | ResolvedRecord<T> | RejectedRecord;\n\ntype Module = any;\n\ntype ModuleLoaderFunction = () =>\n  Thenable<Module>;\n\n// This is intentionally a module-level Map, rather than a React-managed one.\n// Otherwise, refreshing the inspected element cache would also clear this cache.\n// Modules are static anyway.\n\nconst\nmoduleLoaderFunctionToModuleMap: Map<\n  ModuleLoaderFunction,\n  Module,\n> = new Map();\n\nfunction\nreadRecord<T>(record: Record<T>): ResolvedRecord<T> | RejectedRecord {\n  if (record.status === Resolved) {\n    // This is just a type refinement.\n    return record;\n  } else if (record.status === Rejected) {\n    // This is just a\n    type refinement.\n    return record;\n  } else {\n    throw record.value;\n  }\n  }\n  }"/**\n * TODO Flow type\n */\n\nexport\nfunction loadModule(moduleLoaderFunction: ModuleLoaderFunction): Module {\n  let record =\n    moduleLoaderFunctionToModuleMap.get(moduleLoaderFunction);\n  if (__DEBUG__) {\n    console.log(\n      `[dynamicImportCache] loadModule("${moduleLoaderFunction.name}")`,\n    );\n  }\n  if (!record) {\n    const\n    callbacks = new Set();\n    const\n    wakeable: Wakeable = {\n      then(callback) {\n        callbacks.add(callback);\n      },\n    }\n    // Optional property used by Timeline:\n    displayName: `Loading module\n    "${moduleLoaderFunction.name}"`,\n  };\n  const\n  wake = () => {\n    if (timeoutID) {\n      clearTimeout(timeoutID);\n      timeoutID = null;\n    }\n    // This assumes they won't throw.\n    callbacks.forEach(callback => callback());\n    callbacks.clear();\n  };\n  const\n  newRecord: Record<Module> =

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(record = {
  status: Pending,
  value: wakeable,
});

let didTimeout = false;

moduleLoaderFunction().then(
  module => {
    if (__DEBUG__) {
      console.log(
        `[dynamicImportCache] loadModule("${moduleLoaderFunction.name}") then()`,
      );
    }

    if (didTimeout) {
      return;
    }

    const resolvedRecord = ((newRecord: any): ResolvedRecord<Module>);
    resolvedRecord.status = Resolved;
    resolvedRecord.value = module;

    wake();
  },
  error => {
    if (__DEBUG__) {
      console.log(
        `[dynamicImportCache] loadModule("${moduleLoaderFunction.name}") catch()`,
      );
    }

    if (didTimeout) {
      return;
    }

    console.log(error);

    const thrownRecord = ((newRecord: any): RejectedRecord);
    thrownRecord.status = Rejected;
    thrownRecord.value = null;

    wake();
  },
);

// Eventually timeout and stop trying to load the module.
let timeoutID = setTimeout(function onTimeout() {
  if (__DEBUG__) {
    console.log(
      `[dynamicImportCache] loadModule("${moduleLoaderFunction.name}") onTimeout()`,
    );
  }

  timeoutID = null;
  didTimeout = true;

  const timedoutRecord = ((newRecord: any): RejectedRecord);
  timedoutRecord.status = Rejected;
  timedoutRecord.value = null;

  wake();
}, TIMEOUT);

moduleLoaderFunctionToModuleMap.set(moduleLoaderFunction, record);
}

const response = readRecord(record).value;
return response;
}

"/**
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 *
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 * LICENSE file in the root directory of this source tree.
 */
import { createContext } from 'react';
export type FetchFileWithCaching = (url: string) => Promise<string>;
export type Context = FetchFileWithCaching | null;
const FetchFileWithCachingContext = createContext<Context>(null);
FetchFileWithCachingContext.displayName = 'FetchFileWithCachingContext';
export default FetchFileWithCachingContext;

"/**
 * Copyright (c) Facebook, Inc. and its affiliates.
 *
 * This source code is licensed under the MIT license found in the
 * LICENSE file in the root directory of this source tree.
 */
import type { Thenable } from 'shared/ReactTypes';
import { createContext } from 'react';
import typeof * as ParseHookNamesModule from 'react-devtools-shared/src/hooks/parseHookNames';
export type HookNamesModuleLoaderFunction = () => Thenable<ParseHookNamesModule>;
export type Context = HookNamesModuleLoaderFunction | null;

// TODO (Webpack 5) Hopefully we can remove this context entirely once the Webpack 5 upgrade is completed.
const HookNamesModuleLoaderContext = createContext<Context>(null);
HookNamesModuleLoaderContext.displayName = 'HookNamesModuleLoaderContext';
export default HookNamesModuleLoaderContext;

"/**
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 *
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 * LICENSE file in the root directory of this source tree.
 */
import * as React from 'react';
import {
  createContext,
  startTransition,
  unstable_useCacheRefresh as useCacheRefresh,
  useCallback,
  useContext,
  useEffect,
  useMemo,
  useRef,
  useState,
} from 'react';
import { TreeStateContext } from './TreeContext';
import { BridgeContext, StoreContext } from '../context';
import {
  checkForUpdate,
  inspectElement,
} from 'react-devtools-shared/src/inspectedElementCache';
import {
  clearHookNamesCache,
  hasAlreadyLoadedHookNames,
  loadHookNames,
} from 'react-devtools-shared/src/hookNamesCache';
import { loadModule } from 'react-devtools-shared/src/dynamicImportCache';
import FetchFileWithCachingContext from 'react-devtools-shared/src/devtools/views/Components/FetchFileWithCachingContext';
import HookNamesModuleLoaderContext from 'react-devtools-shared/src/devtools/views/Components/HookNamesModuleLoaderContext';
import { SettingsContext } from '../Settings/SettingsContext';
import { enableNamedHooksFeature } from 'react-devtools-feature-flags';
import type { HookNames } from 'react-devtools-shared/src/types';
import type { ReactNodeList } from 'shared/ReactTypes';
import type {
  Element,
  InspectedElement,
} from 'react-devtools-shared/src/devtools/views/Components/types';
type Path = Array<string | number>;
type InspectPathFunction = (path: Path) => void;
export type ToggleParseHookNames = () => void;
type Context = {
  hookNames: HookNames | null,
  inspectedElement: InspectedElement | null,
  inspectPaths: InspectPathFunction,
  parseHookNames: boolean,
  toggleParseHookNames: ToggleParseHookNames,
};
export const

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InspectedElementContext = createContext<Context>(\n ((null: any): Context),\n);\n\nconst POLL_INTERVAL =
1000;\n\nexport type Props = {\n  children: ReactNodeList,\n};\n\nexport function
InspectedElementContextController({children}: Props) {\n  const {selectedElementID} =
useContext(TreeStateContext);\n  const fetchFileWithCaching = useContext(FetchFileWithCachingContext);\n
const bridge = useContext(BridgeContext);\n  const store = useContext(StoreContext);\n  const {parseHookNames:
parseHookNamesByDefault} = useContext(SettingsContext);\n  \n  // parseHookNames has a lot of code.\n  //
Embedding it into a build makes the build large.\n  // This function enables DevTools to make use of Suspense to
lazily import() it only if the feature will be used.\n  // TODO (Webpack 5) Hopefully we can remove this indirection
once the Webpack 5 upgrade is completed.\n  const hookNamesModuleLoader =
useContext(HookNamesModuleLoaderContext);\n  \n  const refresh = useCacheRefresh();\n  \n  // Temporarily stores
most recently-inspected (hydrated) path.\n  // The transition that updates this causes the component to re-render and
ask the cache->backend for the new path.\n  // When a path is sent along with an "inspectElement" request,\n  // the
backend knows to send its dehydrated data even if the element hasn't updated since the last request.\n  const [state,
setState] = useState<{\n    element: Element | null,\n    path: Array<number | string> | null,\n  }>({\n    element:
null,\n    path: null,\n  });\n  \n  const element =\n    selectedElementID !== null ?
store.getElementByID(selectedElementID) : null;\n  \n  const alreadyLoadedHookNames =\n    element !== null &&
hasAlreadyLoadedHookNames(element);\n  \n  // Parse the currently inspected element's hook names.\n  // This may
be enabled by default (for all elements)\n  // or it may be opted into on a per-element basis (if it's too slow to be on
by default).\n  const [parseHookNames, setParseHookNames] = useState<boolean>(\n
parseHookNamesByDefault || alreadyLoadedHookNames,\n  );\n  \n  const elementHasChanged = element !== null
&& element !== state.element;\n  \n  // Reset the cached inspected paths when a new element is selected.\n  \n  if
(elementHasChanged) {\n    setState({\n      element,\n      path: null,\n    });\n  }\n  \n  setParseHookNames(parseHookNamesByDefault || alreadyLoadedHookNames);\n  \n  const
purgeCachedMetadataRef = useRef(null);\n  \n  // Don't load a stale element from the backend; it wastes bridge
bandwidth.\n  let hookNames: HookNames | null = null;\n  let inspectedElement = null;\n  if (!elementHasChanged
&& element !== null) {\n    inspectedElement = inspectElement(element, state.path, store, bridge);\n    if
(enableNamedHooksFeature) {\n      if (typeof hookNamesModuleLoader === 'function') {\n        if
(parseHookNames || alreadyLoadedHookNames) {\n          const hookNamesModule =
loadModule(hookNamesModuleLoader);\n          if (hookNamesModule !== null) {\n            const {\n
parseHookNames: loadHookNamesFunction,\n              purgeCachedMetadata,\n            } = hookNamesModule;\n\n
purgeCachedMetadataRef.current = purgeCachedMetadata;\n            if (\n              inspectedElement !==
null &&\n              inspectedElement.hooks !== null &&\n              loadHookNamesFunction !== null\n            ) {\n
              hookNames = loadHookNames(\n                element,\n                inspectedElement.hooks,\n
loadHookNamesFunction,\n                fetchFileWithCaching,\n              );\n            }\n          }\n        }\n      }\n    }\n  }\n  \n  const toggleParseHookNames: ToggleParseHookNames = useCallback<ToggleParseHookNames>(() => {\n
startTransition(() => {\n    setParseHookNames(value => !value);\n    refresh();\n  });\n  },
[setParseHookNames]);\n  \n  const inspectPaths: InspectPathFunction = useCallback<InspectPathFunction>(\n
(path: Path) => {\n    startTransition(() => {\n      setState({\n        element: state.element,\n        path,\n
      });\n      refresh();\n    });\n  },\n  [setState, state],\n  );\n  \n  const inspectedElementRef = useRef(null);\n  \n  useEffect(() => {\n    if (\n      inspectedElement !== null &&\n      inspectedElement.hooks !== null &&\n
inspectedElementRef.current !== inspectedElement\n    ) {\n      inspectedElementRef.current = inspectedElement;\n
    }\n  }, [inspectedElement]);\n  \n  useEffect(() => {\n    const purgeCachedMetadata =
purgeCachedMetadataRef.current;\n    if (typeof purgeCachedMetadata === 'function') {\n      // When Fast Refresh
updates a component, any cached AST metadata may be invalid.\n      const fastRefreshScheduled = () => {\n
startTransition(() => {\n        clearHookNamesCache();\n        purgeCachedMetadata();\n        refresh();\n
      });\n    }\n    bridge.addListener('fastRefreshScheduled', fastRefreshScheduled);\n    return () =>{\n
bridge.removeListener('fastRefreshScheduled', fastRefreshScheduled);\n    }\n  }, [bridge]);\n  \n  // Reset path now
that we've asked the backend to hydrate it.\n  // The backend is stateful, so we don't need to remember this path the

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next time we inspect.\n useEffect(() => {\n   if (state.path !== null) {\n     setState({\n       element:
state.element,\n       path: null,\n     });\n   }\n }, [state]);\n\n // Periodically poll the selected element for
updates.\n useEffect(() => {\n   if (element !== null) {\n     const checkForUpdateWrapper = () => {\n
checkForUpdate({bridge, element, refresh, store});\n     timeoutID = setTimeout(checkForUpdateWrapper,
POLL_INTERVAL);\n   }; \n   let timeoutID = setTimeout(checkForUpdateWrapper, POLL_INTERVAL);\n
return () => {\n     clearTimeout(timeoutID);\n   }; \n }\n }, [\n   element,\n   hookNames,\n // Reset this
timer any time the element we're inspecting gets a new response.\n // No sense to ping right away after e.g.
inspecting/hydrating a path.\n   inspectedElement,\n   state,\n ]);\n\n const value = useMemo<Context>(\n () =>
({\n   hookNames,\n   inspectedElement,\n   inspectPaths,\n   parseHookNames,\n   toggleParseHookNames,\n }),\n [\n   hookNames,\n   inspectedElement,\n   inspectPaths,\n   parseHookNames,\n   toggleParseHookNames,\n ],\n );\n\n return (\n   <InspectedElementContext.Provider
value={value}>\n     {children}\n   </InspectedElementContext.Provider>\n );\n}\n\n", "export const
PROTOCOLS_SUPPORTED_AS_LINKS_IN_KEY_VALUE = [\n 'file://',\n 'http://',\n 'https://',\n
'vscode://',\n ];\n\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under
the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n * @flow\n
*\n\nimport * as React from 'react';\nimport {useTransition, useContext, useRef, useState} from 'react';\nimport
{OptionsContext} from './context';\nimport EditableName from './EditableName';\nimport EditableValue from
 './EditableValue';\nimport NewArrayValue from './NewArrayValue';\nimport NewKeyValue from
 './NewKeyValue';\nimport LoadingAnimation from './LoadingAnimation';\nimport ExpandCollapseToggle from
 './ExpandCollapseToggle';\nimport {alphaSortEntries, getMetaValueLabel} from './utils';\nimport {meta} from
 './../hydration';\nimport useContextMenu from './../ContextMenu/useContextMenu';\nimport Store from
 './../store';\nimport {parseHookPathForEdit} from './utils';\nimport styles from './KeyValue.css';\nimport Button
from 'react-devtools-shared/src/devtools/views/Button';\nimport ButtonIcon from 'react-devtools-
shared/src/devtools/views/ButtonIcon';\nimport isArray from 'react-devtools-shared/src/isArray';\nimport
{InspectedElementContext} from './InspectedElementContext';\nimport
{PROTOCOLS_SUPPORTED_AS_LINKS_IN_KEY_VALUE} from './constants';\nimport type
{InspectedElement} from './types';\nimport type {Element} from 'react-devtools-
shared/src/devtools/views/Components/types';\nimport type {Element as ReactElement} from 'react';\nimport type
{FrontendBridge} from 'react-devtools-shared/src/bridge';\n\ntype Type = 'props' | 'state' | 'context' | 'hooks';\n\ntype
KeyValueProps = {\n  alphaSort: boolean,\n  bridge: FrontendBridge,\n  canDeletePaths: boolean,\n
  canEditValues: boolean,\n  canRenamePaths: boolean,\n  canRenamePathsAtDepth?: (depth: number) => boolean,\n
  depth: number,\n  element: Element,\n  hidden: boolean,\n  hookID?: ?number,\n  hookName?: ?string,\n
  inspectedElement: InspectedElement,\n  isDirectChildOfAnArray?: boolean,\n  name: string,\n  path: Array<any>,\n
  pathRoot: Type,\n  store: Store,\n  value: any,\n};\n\nexport default function KeyValue({\n  alphaSort,\n  bridge,\n
  canDeletePaths,\n  canEditValues,\n  canRenamePaths,\n  canRenamePathsAtDepth,\n  depth,\n  element,\n
  inspectedElement,\n  isDirectChildOfAnArray,\n  hidden,\n  hookID,\n  hookName,\n  name,\n  path,\n  pathRoot,\n
  store,\n  value,\n}: KeyValueProps) {\n  const {readOnly: readOnlyGlobalFlag} = useContext(OptionsContext);\n
  canDeletePaths = !readOnlyGlobalFlag && canDeletePaths;\n  canEditValues = !readOnlyGlobalFlag &&
  canEditValues;\n  canRenamePaths = !readOnlyGlobalFlag && canRenamePaths;\n\n  const {id} =
  inspectedElement;\n\n  const [isOpen, setIsOpen] = useState<boolean>(false);\n  const contextMenuTriggerRef =
  useRef(null);\n\n  const {inspectPaths} = useContext(InspectedElementContext);\n\n  let isInspectable = false;\n  let
  isReadOnlyBasedOnMetadata = false;\n  if (value !== null && typeof value === 'object') {\n    isInspectable =
  value[meta.inspectable] && value[meta.size] !== 0;\n    isReadOnlyBasedOnMetadata = value[meta.readonly];\n
  }\n\n  const [isInspectPathsPending, startInspectPathsTransition] = useTransition();\n  const toggleIsOpen = () =>
  {\n    if (isOpen) {\n      setIsOpen(false);\n    } else {\n      setIsOpen(true);\n\n      if (isInspectable) {\n
        startInspectPathsTransition(() => {\n          inspectPaths([pathRoot, ...path]);\n        });\n      }\n    }\n  }\n\n  useContextMenu({\n    data: {\n      path: [pathRoot, ...path],\n      type:\n      value !== null &&\n      typeof value
      === 'object' &&\n      hasOwnProperty.call(value, meta.type)\n      ? value[meta.type]\n      : typeof value,\n
  }

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},\n id: 'InspectedElement',\n ref: contextMenuTriggerRef,\n });\n\n const dataType = typeof value;\n const isSimpleType =\n  dataType === 'number' ||\n  dataType === 'string' ||\n  dataType === 'boolean' ||\n  value === null;\n\n const style = {\n  paddingLeft: `${(depth - 1) * 0.75}rem`,\n  };\n\n const overrideValue = (newPath,\n new Value) => {\n  if (hookID != null) {\n    newPath = parseHookPathForEdit(newPath);\n  }\n\n  const rendererID = store.getRendererIDForElement(id);\n  if (rendererID !== null) {\n    bridge.send('overrideValueAtPath', {\n      hookID,\n      id,\n      path: newPath,\n      rendererID,\n      type:\n      pathRoot,\n      value: new Value,\n    });\n  }\n\n  const deletePath = pathToDelete => {\n    if (hookID !=\n null) {\n      pathToDelete = parseHookPathForEdit(pathToDelete);\n    }\n\n    const rendererID =\n store.getRendererIDForElement(id);\n    if (rendererID !== null) {\n      bridge.send('deletePath', {\n        hookID,\n        id,\n        path: pathToDelete,\n        rendererID,\n        type: pathRoot,\n      });\n    }\n  }\n\n  const renamePath =\n (oldPath, newPath) => {\n    if (newPath[newPath.length - 1] === '/') {\n      // Deleting the key suggests an intent to\n delete the whole path.\n      if (canDeletePaths) {\n        deletePath(oldPath);\n      }\n    } else {\n      if (hookID !=\n null) {\n        oldPath = parseHookPathForEdit(oldPath);\n        newPath = parseHookPathForEdit(newPath);\n      }\n\n      const rendererID = store.getRendererIDForElement(id);\n      if (rendererID !== null) {\n        bridge.send('renamePath', {\n          hookID,\n          id,\n          newPath,\n          oldPath,\n          rendererID,\n          type: pathRoot,\n        });\n      }\n    }\n  }\n\n  // TRICKY This is a bit of a hack to account for context and\n hooks.\n  // In these cases, paths can be renamed but only at certain depths.\n  // The special \"value\" wrapper for\n context shouldn't be editable.\n  // Only certain types of hooks should be editable.\n  let canRenameTheCurrentPath\n = canRenamePaths;\n  if (canRenameTheCurrentPath && typeof canRenamePathsAtDepth === 'function') {\n    canRenameTheCurrentPath = canRenamePathsAtDepth(depth);\n  }\n\n  let renderedName;\n  if\n (isDirectChildOfAnArray) {\n    if (canDeletePaths) {\n      renderedName = (\n        <DeleteToggle name={name}\n deletePath={deletePath} path={path} />\n      );\n    } else {\n      renderedName = (\n        <span\n className={styles.Name}>\n          {name}\n        </span>\n      );\n    }\n  } else if\n (canRenameTheCurrentPath) {\n    renderedName = (\n      <EditableName\n allowEmpty={canDeletePaths}\n className={styles.EditableName}\n initialValue={name}\n overrideName={renamePath}\n path={path} />\n    );\n  } else {\n    renderedName = (\n      <span className={styles.Name}>\n        {name}\n      </span>\n    );\n  }\n\n  let children = null;\n  if (isSimpleType) {\n    let displayValue = value;\n    if (dataType === 'string') {\n      displayValue = `\"${value}\"`;\n    } else if (dataType === 'boolean') {\n      displayValue = value ? 'true' : 'false';\n    } else if (value === null) {\n      displayValue = 'null';\n    } else if (value === undefined) {\n      displayValue =\n 'undefined';\n    }\n\n    let shouldDisplayValueAsLink = false;\n    if (dataType === 'string' && !\n PROTOCOLS_SUPPORTED_AS_LINKS_IN_KEY_VALUE.some(protocolPrefix =>\n value.startsWith(protocolPrefix))) {\n      shouldDisplayValueAsLink = true;\n    }\n\n    children = (\n      <div\n key=\"root\"\n className={styles.Item}\n hidden={hidden}\n ref={contextMenuTriggerRef}\n style={style}>\n        <div className={styles.ExpandCollapseToggleSpacer}\n />\n        {renderedName}\n        <div className={styles.AfterName}></div>\n        {canEditValues ? (\n          <EditableValue\n overrideValue={overrideValue}\n path={path}\n value={value}\n />\n        ) : shouldDisplayValueAsLink ? (\n          <a\n className={styles.Link}\n href={value}\n target=\"_blank\"\n rel=\"noopener noreferrer\"\n >\n            {displayValue}\n          </a>\n        ) : (\n          <span className={styles.Value}>\n            {displayValue}\n          </span>\n        )}\n      </div>\n    );\n  } else if (\n hasOwnProperty.call(value, meta.type) && !\n hasOwnProperty.call(value, meta.unserializable)) {\n    children\n = (\n      <div\n key=\"root\"\n className={styles.Item}\n hidden={hidden}\n ref={contextMenuTriggerRef}\n style={style}>\n        {isInspectable ? (\n          <ExpandCollapseToggle\n isOpen={isOpen} setisOpen={toggleIsOpen} />\n        ) : (\n          <div\n className={styles.ExpandCollapseToggleSpacer} />\n        )}\n        {renderedName}\n        <div\n className={styles.AfterName}></div>\n        <span\n className={styles.Value}\n onClick={isInspectable ? toggleIsOpen : undefined}>\n          {getMetaValueLabel(value)}\n        </span>\n      </div>\n    );\n  }\n\n  return children;\n}\n\nexport default inspectableHook;\n

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</div>\n );\n\n if (isInspectPathsPending) {\n  children = (\n    <>\n      {children}\n    <div\n      className={styles.Item} style={style}>\n      <div className={styles.ExpandCollapseToggleSpacer} />\n      <LoadingAnimation />\n    </div>\n  </>\n );\n }\n } else {\n  if (isArray(value)) {\n    const\n    hasChildren = value.length > 0 || canEditValues;\n    const displayName = getMetaValueLabel(value);\n\n    children = value.map((innerValue, index) => (\n      <KeyValue\n        key={index}\n        alphaSort={alphaSort}\n        bridge={bridge}\n        canDeletePaths={canDeletePaths &&\n        !isReadOnlyBasedOnMetadata}\n        canEditValues={canEditValues && !isReadOnlyBasedOnMetadata}\n        canRenamePaths={canRenamePaths && !isReadOnlyBasedOnMetadata}\n        canRenamePathsAtDepth={canRenamePathsAtDepth}\n        depth={depth + 1}\n        element={element}\n        hookID={hookID}\n        inspectedElement={inspectedElement}\n        isDirectChildOfAnArray={true}\n        hidden={hidden || !isOpen}\n        name={index}\n        path={path.concat(index)}\n        pathRoot={pathRoot}\n        store={store}\n        value={value[index]}\n      />\n    ));\n\n    if (canEditValues\n    && !isReadOnlyBasedOnMetadata) {\n      children.push(\n        <NewArrayValue\n          key="NewKeyValue"\n          bridge={bridge}\n          depth={depth + 1}\n          hidden={hidden || !isOpen}\n          hookID={hookID}\n          index={value.length}\n          element={element}\n          inspectedElement={inspectedElement}\n          path={path}\n          store={store}\n          type={pathRoot}\n        />\n      );\n    }\n\n    children.unshift(\n      <div\n        key={`${depth}-root`}\n        className={styles.Item}\n        hidden={hidden}\n        ref={contextMenuTriggerRef}\n        style={style}>\n        {hasChildren ? (\n          <ExpandCollapseToggle isOpen={isOpen} setIsOpen={setIsOpen} />\n        ) : (\n          <div className={styles.ExpandCollapseToggleSpacer} />\n        )}\n        {renderedName}\n      <div\n        className={styles.AfterName}>:</div>\n      <span\n        className={styles.Value}\n        onClick={hasChildren ? toggleIsOpen : undefined}>\n        {displayName}\n      </span>\n    </div>,\n  );\n }\n } else {\n  // TRICKY\n  // It's important to use Object.entries() rather than Object.keys()\n  // because\n  // of the hidden meta Symbols used for hydration and unserializable values.\n  const entries =\n  Object.entries(value);\n  if (alphaSort) {\n    entries.sort(alphaSortEntries);\n  }\n\n  const hasChildren =\n  entries.length > 0 || canEditValues;\n  const displayName = getMetaValueLabel(value);\n  children =\n  entries.map<ReactElement<any>>(([key, keyValue]) => (\n    <KeyValue\n      key={key}\n      alphaSort={alphaSort}\n      bridge={bridge}\n      canDeletePaths={canDeletePaths &&\n      !isReadOnlyBasedOnMetadata}\n      canEditValues={canEditValues && !isReadOnlyBasedOnMetadata}\n      canRenamePaths={canRenamePaths && !isReadOnlyBasedOnMetadata}\n      canRenamePathsAtDepth={canRenamePathsAtDepth}\n      depth={depth + 1}\n      element={element}\n      hookID={hookID}\n      inspectedElement={inspectedElement}\n      hidden={hidden || !isOpen}\n      name={key}\n      path={path.concat(key)}\n      pathRoot={pathRoot}\n      store={store}\n      value={keyValue}\n    />\n  ));\n\n  if (canEditValues && !isReadOnlyBasedOnMetadata) {\n    children.push(\n      <NewKeyValue\n        key="NewKeyValue"\n        bridge={bridge}\n        depth={depth + 1}\n        element={element}\n        hidden={hidden || !isOpen}\n        hookID={hookID}\n        inspectedElement={inspectedElement}\n        path={path}\n        store={store}\n        type={pathRoot}\n      />\n    );\n  }\n\n  children.unshift(\n    <div\n      key={`${depth}-root`}\n      className={styles.Item}\n      hidden={hidden}\n      ref={contextMenuTriggerRef}\n      style={style}>\n      {hasChildren ? (\n        <ExpandCollapseToggle isOpen={isOpen} setIsOpen={setIsOpen} />\n      ) : (\n        <div className={styles.ExpandCollapseToggleSpacer} />\n      )}\n      {renderedName}\n    <div\n      className={styles.AfterName}>:</div>\n    <span\n      className={styles.Value}\n      onClick={hasChildren ? toggleIsOpen : undefined}>\n      {displayName}\n    </span>\n  </div>,\n  );\n }\n }\n }\n\n return children;\n\n\nfunction DeleteToggle({deletePath, name, path}) {\n  const handleClick =\n  event => {\n    event.stopPropagation();\n    deletePath(path);\n  };\n\n  return (\n    <>\n      <Button\n        className={styles.DeleteArrayItemButton}\n        onClick={handleClick}\n        title="Delete entry">\n      <ButtonIcon type="delete" />\n    </Button>\n    <span className={styles.Name}>{name}</span>\n  </>\n );\n }\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT

```

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license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport { copy }
from 'clipboard-js';\nimport * as React from 'react';\nimport Button from '../Button';\nimport ButtonIcon from
'../ButtonIcon';\nimport KeyValue from './KeyValue';\nimport { alphaSortEntries, serializeDataForCopy } from
'./utils';\nimport Store from '../store';\nimport styles from './InspectedElementSharedStyles.css';\nimport { \n
ElementTypeClass,\n ElementTypeFunction,\n } from 'react-devtools-shared/src/types';\n\nimport type
{ InspectedElement } from './types';\nimport type { FrontendBridge } from 'react-devtools-shared/src/bridge';\nimport
type { Element } from 'react-devtools-shared/src/devtools/views/Components/types';\n\ninterface Props = {\n  bridge:
FrontendBridge,\n  element: Element,\n  inspectedElement: InspectedElement,\n  store: Store,\n};\n\nexport default
function InspectedElementContextTree({\n  bridge,\n  element,\n  inspectedElement,\n  store,\n}: Props) {\n  const
{hasLegacyContext, context, type} = inspectedElement;\n\n  const isReadOnly = type !== ElementTypeClass &&
type !== ElementTypeFunction;\n\n  const entries = context !== null ? Object.entries(context) : null;\n  if (entries !==
null) {\n    entries.sort(alphaSortEntries);\n  }\n\n  const isEmpty = entries === null || entries.length === 0;\n\n
const handleCopy = () => copy(serializeDataForCopy(((context: any): Object)));\n\n  // We add an object with a
"value" key as a wrapper around Context data\n  // so that we can use the shared <KeyValue> component to
display it.\n  // This wrapper object can't be renamed.\n  const canRenamePathsAtDepth = depth => depth > 1;\n\n
if (isEmpty) {\n  return null;\n} else {\n  return (\n    <div className={styles.InspectedElementTree}>\n
<div className={styles.HeaderRow}>\n      <div className={styles.Header}>\n        {hasLegacyContext ?
'legacy context' : 'context'}\n      </div>\n      {!isEmpty && (\n        <Button onClick={handleCopy}
title="Copy to clipboard">\n          <ButtonIcon type="copy" />\n        </Button>\n      )}\n    </div>\n
    {!isEmpty && <div className={styles.Empty}>None</div>}\n    {!isEmpty &&\n      (entries:
any).map(([{name, value}]) => (\n        <KeyValue\n          key={name}\n          alphaSort={true}\n
bridge={bridge}\n          canDeletePaths={!isReadOnly}\n          canEditValues={!isReadOnly}\n
canRenamePaths={!isReadOnly}\n          canRenamePathsAtDepth={canRenamePathsAtDepth}\n
depth={1}\n          element={element}\n          hidden={false}\n
inspectedElement={inspectedElement}\n          name={name}\n          path={[name]}\n
pathRoot="context"\n          store={store}\n          type="context"\n          value={value}\n        />\n
      ))}\n    </div>\n  );\n}\n}\n\n", /*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is
licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n *
@flow\n */\n\nimport * as React from 'react';\nimport {\n  useContext,\n  unstable_useCacheRefresh as
useCacheRefresh,\n  useTransition,\n} from 'react';\nimport Button from '../Button';\nimport ButtonIcon from
'../ButtonIcon';\nimport Store from '../store';\nimport sharedStyles from
'./InspectedElementSharedStyles.css';\nimport styles from './InspectedElementErrorsAndWarningsTree.css';\nimport
{ SettingsContext } from '../Settings/SettingsContext';\nimport {\n  clearErrorsForElement as
clearErrorsForElementAPI,\n  clearWarningsForElement as clearWarningsForElementAPI,\n} from 'react-devtools-
shared/src/backendAPI';\nimport type { InspectedElement } from './types';\nimport type { FrontendBridge } from
'react-devtools-shared/src/bridge';\n\ninterface Props = {\n  bridge: FrontendBridge,\n  inspectedElement:
InspectedElement,\n  store: Store,\n};\n\nexport default function InspectedElementErrorsAndWarningsTree({\n
bridge,\n inspectedElement,\n store,\n}: Props) {\n  const refresh = useCacheRefresh();\n\n  const [\n
isErrorsTransitionPending,\n  startClearErrorsTransition,\n ] = useTransition();\n  const
clearErrorsForInspectedElement = () => {\n    const {id} = inspectedElement;\n    const rendererID =
store.getRendererIDForElement(id);\n    if (rendererID !== null) {\n      startClearErrorsTransition(() => {\n
clearErrorsForElementAPI({\n        bridge,\n        id,\n        rendererID,\n      });\n      refresh();\n    });\n  };\n\n
const [\n  isWarningsTransitionPending,\n  startClearWarningsTransition,\n ] = useTransition();\n  const
clearWarningsForInspectedElement = () => {\n    const {id} = inspectedElement;\n    const rendererID =
store.getRendererIDForElement(id);\n    if (rendererID !== null) {\n      startClearWarningsTransition(() => {\n
clearWarningsForElementAPI({\n        bridge,\n        id,\n        rendererID,\n      });\n      refresh();\n    });\n
  }\n};\n\n  const {showInlineWarningsAndErrors} = useContext(SettingsContext);\n  if
(!showInlineWarningsAndErrors) {\n    return null;\n  }\n\n  const {errors, warnings} = inspectedElement;\n\n

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= useState(\n  parseHookNames,\n );\n const handleChange = () => {\n
setParseHookNamesOptimistic(!parseHookNames);\n  toggleParseHookNames();\n };}\n const
hookNamesModuleLoader = useContext(HookNamesModuleLoaderContext);\n\n const hookParsingFailed =
parseHookNames && hookNames === null;\n let toggleTitle;\n if (hookParsingFailed) {\n  toggleTitle = 'Hook
parsing failed';\n } else if (parseHookNames) {\n  toggleTitle = 'Parsing hook names ...';\n } else {\n  toggleTitle
= 'Parse hook names (may be slow)';\n }\n\n const handleCopy = () => copy(serializeHooksForCopy(hooks));\n\n
if (hooks === null) {\n  return null;\n } else {\n  return (\n    <div\n      className={styles.HooksTreeView}\n
      data-testname="InspectedElementHooksTree">\n        <div className={styles.HeaderRow}>\n          <div
className={styles.Header}>hooks</div>\n            {enableNamedHooksFeature &&\n              typeof
hookNamesModuleLoader === 'function' &&\n                (!parseHookNames || hookParsingFailed) && (\n
<Toggle\n                  className={hookParsingFailed ? styles.ToggleError : null}\n
isChecked={parseHookNamesOptimistic}\n                  isEnabled={parseHookNamesOptimistic ||
hookParsingFailed}\n                  onChange={handleChange}\n                  testName="LoadHookNamesButton"\n
                  title={toggleTitle}>\n                    <ButtonIcon type="parse-hook-names" />\n                    <Toggle>\n                      )}\n
                  <Button onClick={handleCopy} title="Copy to clipboard">\n                    <ButtonIcon type="copy" />\n
                  </Button>\n                </div>\n              <InnerHooksTreeView\n                hookNames={hookNames}\n                hooks={hooks}\n
                id={id}\n                element={element}\n                inspectedElement={inspectedElement}\n                path={[]}\n              />\n
            </div>\n          );\n        }\n      }\n    )\n  type InnerHooksTreeViewProps = {\n    element: Element,\n    hookNames: HookNames |
null,\n    hooks: HooksTree,\n    id: number,\n    inspectedElement: InspectedElement,\n    path: Array<string |
number>,\n  };\n  export function InnerHooksTreeView({\n    element,\n    hookNames,\n    hooks,\n    id,\n    inspectedElement,\n    path,\n  }: InnerHooksTreeViewProps) {\n    // $FlowFixMe "Missing type annotation for U"
whatever that means\n    return hooks.map((hook, index) => (\n      <HookView\n        key={index}\n
        element={element}\n        hook={hooks[index]}\n        hookNames={hookNames}\n        id={id}\n
        inspectedElement={inspectedElement}\n        path={path.concat([index])}\n      />\n    ));\n  }\n  type HookViewProps =
{\n    element: Element,\n    hook: HooksNode,\n    hookNames: HookNames | null,\n    id: number,\n    inspectedElement:
InspectedElement,\n    path: Array<string | number>,\n  };\n  function HookView({\n    element,\n    hook,\n    hookNames,\n    id,\n    inspectedElement,\n    path,\n  }: HookViewProps) {\n    const {\n      canEditHooks,\n      canEditHooksAndDeletePaths,\n      canEditHooksAndRenamePaths,\n    } = inspectedElement;\n    const {id: hookID,
isStateEditable, subHooks, value} = hook;\n\n    const isReadOnly = hookID == null || !isStateEditable;\n\n    const
canDeletePaths = !isReadOnly && canEditHooksAndDeletePaths;\n    const canEditValues = !isReadOnly &&
canEditHooks;\n    const canRenamePaths = !isReadOnly && canEditHooksAndRenamePaths;\n\n    const bridge =
useContext(BridgeContext);\n    const store = useContext(StoreContext);\n\n    const [isOpen, setIsOpen] =
useState<boolean>(false);\n\n    const toggleIsOpen = useCallback(\n      () => setIsOpen(prevIsOpen =>
!prevIsOpen),\n      [],\n    );\n\n    const contextMenuTriggerRef = useRef(null);\n\n    useContextMenu({\n      data: {\n        path: ['hooks', ...path],\n        type:\n          hook !== null &&\n          typeof hook === 'object' &&\n          hook.hasOwnProperty(meta.type)\n            ? hook[(meta.type: any)]\n            : typeof value,\n        },\n      id:
'InspectedElement',\n      ref: contextMenuTriggerRef,\n    });\n\n    if (hook.hasOwnProperty(meta.inspected)) {\n      //
This Hook is too deep and hasn't been hydrated.\n      if (__DEV__) {\n        console.warn('Unexpected dehydrated
hook; this is a DevTools error.);\n      }\n      return (\n        <div className={styles.Hook}>\n          <div
className={styles.NameValueRow}>\n            <span className={styles.TruncationIndicator}>...</span>\n
          </div>\n        </div>\n      );\n    }\n\n    // Certain hooks are not editable at all (as identified by react-debug-tools).\n    //
Primitive hook names (e.g. the "State" name for useState) are also never editable.\n    const
canRenamePathsAtDepth = depth => isStateEditable && depth > 1;\n\n    const isCustomHook = subHooks.length >
0;\n\n    let name = hook.name;\n    if (enableProfilerChangedHookIndices) {\n      if (hookID !== null) {\n        name =
(\n          <>\n            <span className={styles.PrimitiveHookNumber}>{hookID + 1}</span>\n            {name}\n
          </>\n        );\n      }\n    }\n\n    const type = typeof value;\n\n    let displayValue;\n    let isComplexDisplayValue = false;\n\n    const hookSource = hook.hookSource;\n    const hookName =\n      hookNames != null && hookSource != null\n        ?
hookNames.get(getHookSourceLocationKey(hookSource))\n        : null;\n    const hookDisplayName = hookName ?

```

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(\n <>\n {name}\n {!!hookName && <span className={styles.HookName}>{hookName}</span>}\n
</>\n ): (\n name\n );\n\n // Format data for display to mimic the props/state/context for now.\n if (type ===
'string') {\n displayValue = `\"${((value: any): string)}\"`; \n } else if (type === 'boolean') {\n displayValue =
value ? 'true' : 'false'; \n } else if (type === 'number') {\n displayValue = value; \n } else if (value === null) {\n
displayValue = 'null'; \n } else if (value === undefined) {\n displayValue = null; \n } else if (isArray(value)) {\n
isComplexDisplayValue = true; \n displayValue = 'Array'; \n } else if (type === 'object') {\n
isComplexDisplayValue = true; \n displayValue = 'Object'; \n }\n\n if (isCustomHook) {\n const subHooksView
= isArray(subHooks) ? (\n <InnerHooksTreeView\n element={element}\n hooks={subHooks}\n
hookNames={hookNames}\n id={id}\n inspectedElement={inspectedElement}\n
path={path.concat(['subHooks'])}\n />\n ): (\n <KeyValue\n alphaSort={false}\n
bridge={bridge}\n canDeletePaths={canDeletePaths}\n canEditValues={canEditValues}\n
canRenamePaths={canRenamePaths}\n canRenamePathsAtDepth={canRenamePathsAtDepth}\n
depth={1}\n element={element}\n hookID={hookID}\n hookName={hookName}\n
inspectedElement={inspectedElement}\n name=\"subHooks\"\n path={path.concat(['subHooks'])}\n
store={store}\n type=\"hooks\"\n value={subHooks}\n />\n );\n\n if (isComplexDisplayValue) {\n
return (\n <div className={styles.Hook}>\n <div ref={contextMenuTriggerRef}
className={styles.NameValueRow}>\n <ExpandCollapseToggle isOpen={isOpen} setIsOpen={setIsOpen}
/>\n <span\n onClick={toggleIsOpen}\n className={name !== \" ? styles.Name :
styles.NameAnonymous}>\n {hookDisplayName || 'Anonymous'}\n </span>\n <span
className={styles.Value} onClick={toggleIsOpen}>\n {isOpen || getMetaValueLabel(value)}\n
</span>\n </div>\n <div className={styles.Children} hidden={!isOpen}>\n <KeyValue\n
alphaSort={false}\n bridge={bridge}\n canDeletePaths={canDeletePaths}\n
canEditValues={canEditValues}\n canRenamePaths={canRenamePaths}\n
canRenamePathsAtDepth={canRenamePathsAtDepth}\n depth={1}\n element={element}\n
hookID={hookID}\n hookName={hookName}\n inspectedElement={inspectedElement}\n
name=\"Debug Value\"\n path={path.concat(['value'])}\n pathRoot=\"hooks\"\n
store={store}\n value={value}\n />\n {subHooksView}\n </div>\n </div>\n );\n
} else {\n return (\n <div className={styles.Hook}>\n <div ref={contextMenuTriggerRef}
className={styles.NameValueRow}>\n <ExpandCollapseToggle isOpen={isOpen} setIsOpen={setIsOpen}
/>\n <span\n onClick={toggleIsOpen}\n className={name !== \" ? styles.Name :
styles.NameAnonymous}>\n {hookDisplayName || 'Anonymous'}\n </span>{\n } \n /*
$FlowFixMe */}\n <span className={styles.Value} onClick={toggleIsOpen}>\n {displayValue}\n
</span>\n </div>\n <div className={styles.Children} hidden={!isOpen}>\n
{subHooksView}\n </div>\n </div>\n );\n } } else {\n if (isComplexDisplayValue) {\n return
(\n <div className={styles.Hook}>\n <KeyValue\n alphaSort={false}\n bridge={bridge}\n
canDeletePaths={canDeletePaths}\n canEditValues={canEditValues}\n
canRenamePaths={canRenamePaths}\n canRenamePathsAtDepth={canRenamePathsAtDepth}\n
depth={1}\n element={element}\n hookID={hookID}\n hookName={hookName}\n
inspectedElement={inspectedElement}\n name={name}\n path={path.concat(['value'])}\n
pathRoot=\"hooks\"\n store={store}\n value={value}\n />\n </div>\n );\n } else {\n
return (\n <div className={styles.Hook}>\n <KeyValue\n alphaSort={false}\n
bridge={bridge}\n canDeletePaths={false}\n canEditValues={canEditValues}\n
canRenamePaths={false}\n depth={1}\n element={element}\n hookID={hookID}\n
hookName={hookName}\n inspectedElement={inspectedElement}\n name={name}\n
path={[]}\n pathRoot=\"hooks\"\n store={store}\n value={value}\n />\n </div>\n
);\n } }\n }\n\n //FlowFixMe\nexport default React.memo(InspectedElementHooksTree);\n\n /**\n * Copyright
(c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n *
LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport {copy} from 'clipboard-

```

```

js';\nimport * as React from 'react';\nimport { OptionsContext } from './context';\nimport Button from
'./Button';\nimport ButtonIcon from './ButtonIcon';\nimport KeyValue from './KeyValue';\nimport NewKeyValue
from './NewKeyValue';\nimport { alphaSortEntries, serializeDataForCopy } from './utils';\nimport Store from
'./../store';\nimport styles from './InspectedElementSharedStyles.css';\nimport { ElementTypeClass } from 'react-
devtools-shared/src/types';\n\nimport type { InspectedElement } from './types';\nimport type { FrontendBridge } from
'react-devtools-
shared/src/devtools/views/Components/types';\n\nexport type Props = {\n  bridge: FrontendBridge,\n  element: Element,\n  inspectedElement: InspectedElement,\n  store: Store,\n};\n\nexport default function InspectedElementPropsTree({\n  bridge,\n  element,\n  inspectedElement,\n  store,\n}: Props) {\n  const { readOnly } =
React.useContext(OptionsContext);\n\n  const {\n    canEditFunctionProps,\n    canEditFunctionPropsDeletePaths,\n    canEditFunctionPropsRenamePaths,\n    props,\n    type,\n  } = inspectedElement;\n\n  const canDeletePaths =\n  type === ElementTypeClass || canEditFunctionPropsDeletePaths;\n  const canEditValues =\n    !readOnly && (type
=== ElementTypeClass || canEditFunctionProps);\n  const canRenamePaths =\n    type === ElementTypeClass ||
canEditFunctionPropsRenamePaths;\n\n  const entries = props != null ? Object.entries(props) : null;\n  if (entries
!== null) {\n    entries.sort(alphaSortEntries);\n  }\n\n  const isEmpty = entries === null || entries.length === 0;\n\n
const handleCopy = () => copy(serializeDataForCopy(((props: any): Object)));\n\n  return (\n    <div\n      className={styles.InspectedElementTree}\n      data-testname="InspectedElementPropsTree">\n      <div
className={styles.HeaderRow}>\n        <div className={styles.Header}>props</div>\n        {!isEmpty && (\n
          <Button onClick={handleCopy} title="Copy to clipboard">\n            <ButtonIcon type="copy" />\n
          </Button>\n        )}\n      </div>\n      {!isEmpty &&\n        (entries: any).map(([{name, value}] => (\n
          <KeyValue\n            key={name}\n            alphaSort={true}\n            bridge={bridge}\n
            canDeletePaths={canDeletePaths}\n            canEditValues={canEditValues}\n
            canRenamePaths={canRenamePaths}\n            depth={1}\n            element={element}\n            hidden={false}\n
            inspectedElement={inspectedElement}\n            name={name}\n            path=[{name}]\n
            pathRoot="props"\n            store={store}\n            value={value}\n          />\n        )}\n        {canEditValues && (\n
          <NewKeyValue\n            bridge={bridge}\n            depth={0}\n            hidden={false}\n
            inspectedElement={inspectedElement}\n            path=[]\n            store={store}\n            type="props"\n
          />\n        )}\n      </div>\n    );\n  }\n\n  /**\n   * Copyright (c) Facebook, Inc. and its affiliates.\n   * This source code is licensed
under the MIT license found in the\n   * LICENSE file in the root directory of this source tree.\n   * @flow\n
   */\n\n  import { copy } from 'clipboard-js';\n  import * as React from 'react';\n  import Button from './Button';\n  import
ButtonIcon from './ButtonIcon';\n  import KeyValue from './KeyValue';\n  import { alphaSortEntries,
serializeDataForCopy } from './utils';\n  import Store from './../store';\n  import styles from
'./InspectedElementSharedStyles.css';\n  import type { InspectedElement } from './types';\n  import type
{ FrontendBridge } from 'react-devtools-shared/src/bridge';\n  import type { Element } from 'react-devtools-
shared/src/devtools/views/Components/types';\n\n  export type Props = {\n    bridge: FrontendBridge,\n    element: Element,\n
    inspectedElement: InspectedElement,\n    store: Store,\n  };\n\n  export default function InspectedElementStateTree({\n
    bridge,\n    element,\n    inspectedElement,\n    store,\n  }: Props) {\n    const { state } = inspectedElement;\n\n    const entries
= state != null ? Object.entries(state) : null;\n    if (entries !== null) {\n      entries.sort(alphaSortEntries);\n    }\n\n    const
isEmpty = entries === null || entries.length === 0;\n\n    const handleCopy = () =>
copy(serializeDataForCopy(((state: any): Object)));\n\n    if (isEmpty) {\n      return null;\n    } else {\n      return (\n
        <div className={styles.InspectedElementTree}>\n          <div className={styles.HeaderRow}>\n            <div
className={styles.Header}>state</div>\n            {!isEmpty && (\n              <Button onClick={handleCopy}
title="Copy to clipboard">\n                <ButtonIcon type="copy" />\n              </Button>\n            )}\n
          </div>\n          {isEmpty && <div className={styles.Empty}>None</div>\n            {!isEmpty &&\n              (entries:
any).map(([{name, value}] => (\n                <KeyValue\n                  key={name}\n                  alphaSort={true}\n
                  bridge={bridge}\n                  canDeletePaths={true}\n                  canEditValues={true}\n
                  canRenamePaths={true}\n                  depth={1}\n                  element={element}\n                  hidden={false}\n
                  inspectedElement={inspectedElement}\n                  name={name}\n                  path=[{name}]\n
                )\n              )\n            )\n        )\n      )\n    }

```

```

pathRoot={"state"}
store={store}
value={value}
/>
))
</div>
);
}
}
",/**
 * Copyright (c) Facebook, Inc. and its affiliates.
 * This source code is licensed under the MIT
license found in the
 * LICENSE file in the root directory of this source tree.
 * @flow
 */
import * as React from 'react';
import KeyValue from './KeyValue';
import Store from './store';
import sharedStyles from
'./InspectedElementSharedStyles.css';
import styles from './InspectedElementStyleXPlugin.css';
import
{enableStyleXFeatures} from 'react-devtools-feature-flags';
import type {InspectedElement} from
'./types';
import type {FrontendBridge} from 'react-devtools-shared/src/bridge';
import type {Element} from
'react-devtools-shared/src/devtools/views/Components/types';
type Props = {
  bridge: FrontendBridge,
  element: Element,
  inspectedElement: InspectedElement,
  store: Store,
};
export default function
InspectedElementStyleXPlugin({
  bridge,
  element,
  inspectedElement,
  store,
}: Props) {
  if
(!enableStyleXFeatures) {
    return null;
  }
  const styleXPlugin = inspectedElement.plugins.stylex;
  if
(styleXPlugin == null) {
    return null;
  }
  const {resolvedStyles, sources} = styleXPlugin;
  return (
    <div className={sharedStyles.InspectedElementTree}>
      <div className={sharedStyles.HeaderRow}>
        <div className={sharedStyles.Header}>stylex</div>
        </div>
        {sources.map(source => (
          <div
key={source} className={styles.Source}>
          {source}
          </div>
        ))}
        {Object.entries(resolvedStyles).map(
          ([name, value]) => (
            <KeyValue
key={name}
alphaSort={true}
bridge={bridge}
canDeletePaths={false}
canEditValues={false}
canRenamePaths={false}
depth={1}
element={element}
hidden={false}
inspectedElement={inspectedElement}
name={name}
path=[name]
pathRoot={"stylex"}
store={store}
value={value}
/>
          ))}
        </div>
      );
    ),
    /**
 * Copyright (c) Facebook,
Inc. and its affiliates.
 * This source code is licensed under the MIT license found in the
 * LICENSE file in
the root directory of this source tree.
 * @flow
 */
import * as React from 'react';
import
{OptionsContext} from './context';
import EditableValue from './EditableValue';
import Store from
'./store';
import {ElementTypeSuspense} from 'react-devtools-shared/src/types';
import styles from
'./InspectedElementSharedStyles.css';
import type {InspectedElement} from './types';
import type
{FrontendBridge} from 'react-devtools-shared/src/bridge';
type Props = {
  bridge: FrontendBridge,
  inspectedElement: InspectedElement,
  store: Store,
};
export default function
InspectedElementSuspenseToggle({
  bridge,
  inspectedElement,
  store,
}: Props) {
  const {readOnly} =
React.useContext(OptionsContext);
  const {id, state, type} = inspectedElement;
  const canToggleSuspense =
!readOnly && inspectedElement.canToggleSuspense;
  if (type !== ElementTypeSuspense) {
    return null;
  }
  const isSuspended = state !== null;
  const toggleSuspense = (path, value) => {
    const rendererID =
store.getRendererIDForElement(id);
    if (rendererID !== null) {
      bridge.send('overrideSuspense', {
        id,
        rendererID,
        forceFallback: value,
      });
    }
  };
  return (
    <div
className={styles.InspectedElementTree}>
      <div className={styles.HeaderRow}>
        <div
className={styles.ToggleSuspenseRow}>
          <span className={styles.Name}>Suspended</span>
          {canToggleSuspense ? (
            // key is required to
keep <EditableValue> and header row toggle button in sync
            <EditableValue
key={isSuspended}
overrideValue={toggleSuspense}
path={['suspense', 'Suspended']}
value={isSuspended}
/>
          ) : (
            <span className={styles.Value}>{isSuspended ? 'true' : 'false'}</span>
          )}
        </div>
      </div>
    );
  ),
    /**
 * Copyright (c) Facebook, Inc. and its affiliates.
 * This source code is
licensed under the MIT license found in the
 * LICENSE file in the root directory of this source tree.
 * @flow
 */
import * as React from 'react';
import {
  createContext,
  useCallback,
  useContext,
  useEffect,
  useMemo,
  useState,
} from 'react';
import {unstable_batchedUpdates as batchedUpdates} from
'react-dom';
import {createResource} from 'react-devtools-shared/src/devtools/cache';
import {
  BridgeContext,
  StoreContext,
} from 'react-devtools-shared/src/devtools/views/context';
import
{TreeStateContext} from './TreeContext';
import type {StateContext} from './TreeContext';
import type
{FrontendBridge} from 'react-devtools-shared/src/bridge';
import type Store from 'react-devtools-
shared/src/devtools/store';
import type {StyleAndLayout as StyleAndLayoutBackend} from 'react-devtools-

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shared/src/backend/NativeStyleEditor/types';\nimport type {StyleAndLayout as StyleAndLayoutFrontend} from
 './types';\nimport type {Element} from 'react-devtools-shared/src/devtools/views/Components/types';\nimport type
 {\n  Resource,\n  Thenable,\n} from 'react-devtools-shared/src/devtools/cache';\n\nexport type GetStyleAndLayout =
(id: number) => StyleAndLayoutFrontend | null;\n\nexport type Context = {\n  getStyleAndLayout:
GetStyleAndLayout,\n};\n\nconst NativeStyleContext = createContext<Context>((null: any):
Context));\n\nNativeStyleContext.displayName = 'NativeStyleContext';\n\nexport type ResolveFn = (styleAndLayout:
StyleAndLayoutFrontend) => void;\n\nexport type InProgressRequest = {\n  promise:
Thenable<StyleAndLayoutFrontend>,\n  resolveFn: ResolveFn,\n};\n\nconst inProgressRequests:
WeakMap<Element, InProgressRequest> = new WeakMap();\n\nconst resource: Resource<\n  Element,\n  Element,\n  StyleAndLayoutFrontend,\n> = createResource(\n  (element: Element) => {\n    const request =
inProgressRequests.get(element);\n    if (request !== null) {\n      return request.promise;\n    }\n\n    let resolveFn =
((null: any): ResolveFn);\n    const promise = new Promise(resolve => {\n      resolveFn = resolve;\n    });\n\n    inProgressRequests.set(element, {promise, resolveFn});\n\n    return promise;\n  },\n  (element: Element) =>
element,\n  {useWeakMap: true},\n);\n\nexport type Props = {\n  children: React$Node,\n};\n\nfunction
NativeStyleContextController({children}: Props) {\n  const bridge =
useContext<FrontendBridge>(BridgeContext);\n  const store = useContext<Store>(StoreContext);\n\n  const
getStyleAndLayout = useCallback<GetStyleAndLayout>(\n    (id: number) => {\n      const element =
store.getElementByID(id);\n      if (element !== null) {\n        return resource.read(element);\n      } else {\n
return null;\n      }\n    },\n    [store],\n  );\n\n  // It's very important that this context consumes selectedElementID
and not NativeStyleID.\n  // Otherwise the effect that sends the "inspect" message across the bridge-\n  // would
itself be blocked by the same render that suspends (waiting for the data).\n  const {selectedElementID} =
useContext<StateContext>(TreeStateContext);\n\n  const [\n    currentStyleAndLayout,\n  ] = useState<StyleAndLayoutFrontend | null>(null);\n\n  // This effect handler
invalidates the suspense cache and schedules rendering updates with React.\n  useEffect(() => {\n    const
onStyleAndLayout = ({id, layout, style}: StyleAndLayoutBackend) => {\n      const element =
store.getElementByID(id);\n      if (element !== null) {\n        const styleAndLayout: StyleAndLayoutFrontend = {\n
          layout,\n          style,\n        };\n        const request = inProgressRequests.get(element);\n        if (request !== null)
{\n          inProgressRequests.delete(element);\n          batchedUpdates(() => {\n
            request.resolveFn(styleAndLayout);\n            setCurrentStyleAndLayout(styleAndLayout);\n          });\n        } else
{\n          resource.write(element, styleAndLayout);\n          // Schedule update with React if the currently-selected
element has been invalidated.\n          if (id === selectedElementID) {\n
            setCurrentStyleAndLayout(styleAndLayout);\n          }\n        }\n      }\n    }; \n\n    bridge.addListener('NativeStyleEditor_styleAndLayout', onStyleAndLayout);\n    return () =>{\n
      bridge.removeListener(\n        'NativeStyleEditor_styleAndLayout',\n        onStyleAndLayout,\n      );\n    }, [bridge,
currentStyleAndLayout, selectedElementID, store]);\n\n  // This effect handler polls for updates on the currently
selected element.\n  useEffect(() => {\n    if (selectedElementID === null) {\n      return () => {};\n    }\n\n    const
rendererID = store.getRendererIDForElement(selectedElementID);\n\n    let timeoutID: TimeoutID | null = null;\n\n    const
sendRequest = () => {\n      timeoutID = null;\n\n      if (rendererID !== null) {\n
        bridge.send('NativeStyleEditor_measure', {\n          id: selectedElementID,\n          rendererID,\n        });\n      }\n
    };\n\n    // Send the initial measurement request.\n    // We'll poll for an update in the response handler below.\n
sendRequest();\n\n    const onStyleAndLayout = ({id}: StyleAndLayoutBackend) => {\n      // If this is the element
we requested, wait a little bit and then ask for another update.\n      if (id === selectedElementID) {\n        if
(timeoutID !== null) {\n          clearTimeout(timeoutID);\n        }\n        timeoutID = setTimeout(sendRequest,
1000);\n      }\n    }; \n\n    bridge.addListener('NativeStyleEditor_styleAndLayout', onStyleAndLayout);\n\n    return
() => {\n      bridge.removeListener(\n        'NativeStyleEditor_styleAndLayout',\n        onStyleAndLayout,\n      );\n
    }\n\n    if (timeoutID !== null) {\n      clearTimeout(timeoutID);\n    }\n  }, [bridge, selectedElementID,
store]);\n\n  const value = useMemo(\n    () => ({getStyleAndLayout}),\n    // NativeStyle is used to invalidate the
cache and schedule an update with React.\n    [currentStyleAndLayout, getStyleAndLayout],\n  );\n\n  return (\n

```



```

setKey] = useState<number>(0);\n  const reset = () => setKey(key + 1);\n\n  const newAttributeRef =
useRef<string>("");\n\n  const changeAttributeWrapper = (\n    oldAttribute: string,\n    newAttribute: string,\n    value: any,\n  ) => {\n    // Ignore attribute changes until a value has been specified\n    newAttributeRef.current =
newAttribute;\n  };\n\n  const changeValueWrapper = (attribute: string, value: any) => {\n    // Blur events should
reset/cancel if there's no value or no attribute\n    if (newAttributeRef.current !== "") {\n      if (value !== "") {\n
changeValue(newAttributeRef.current, value);\n      }\n      reset();\n    }\n  };\n\n  return (\n    <Row\n
key={key}\n    attribute={" "}\n    attributePlaceholder={"attribute"}\n
changeAttribute={changeAttributeWrapper}\n    changeValue={changeValueWrapper}\n
validAttributes={validAttributes}\n    value={" "}\n    valuePlaceholder={"value"}\n  />\n  );\n\n  type RowProps
= {\n    attribute: string,\n    attributePlaceholder?: string,\n    changeAttribute: ChangeAttributeFn,\n    changeValue:
ChangeValueFn,\n    validAttributes: $ReadOnlyArray<string> | null,\n    value: any,\n    valuePlaceholder?:
string,\n  };\n\n  function Row({\n    attribute,\n    attributePlaceholder,\n    changeAttribute,\n    changeValue,\n
validAttributes,\n    value,\n    valuePlaceholder,\n  }: RowProps) {\n    // TODO (RN style editor) Use
@reach/combobox to auto-complete attributes.\n    // The list of valid attributes would need to be injected by RN
backend,\n    // which would need to require them from ReactNativeViewViewConfig `validAttributes.style` keys.\n
// This would need to degrade gracefully for react-native-web,\n    // although we could let it also inject a custom set
of allowed attributes.\n\n    const [localAttribute, setLocalAttribute] = useState(attribute);\n    const [localValue,
setLocalValue] = useState(JSON.stringify(value));\n    const [isAttributeValid, setIsAttributeValid] =
useState(true);\n    const [isValueValid, setIsValueValid] = useState(true);\n\n    const validateAndSetLocalAttribute =
newAttribute => {\n      const isValid =\n        newAttribute === "" ||\n        validAttributes === null ||\n
validAttributes.indexOf(newAttribute) >= 0;\n\n      batchedUpdates(() => {\n        setLocalAttribute(newAttribute);\n
setIsAttributeValid(isValid);\n      });\n    };\n\n    const validateAndSetLocalValue = newValue => {\n      let isValid =
false;\n      try {\n        JSON.parse(sanitizeForParse(newValue));\n        isValid = true;\n      } catch (error) {\n
batchedUpdates(() => {\n        setLocalValue(newValue);\n        setIsValueValid(isValid);\n      });\n    };\n\n    const
resetAttribute = () => {\n      setLocalAttribute(attribute);\n    };\n\n    const resetValue = () => {\n
setLocalValue(value);\n    };\n\n    const submitValueChange = () => {\n      if (isAttributeValid && isValueValid) {\n
const parsedLocalValue = JSON.parse(sanitizeForParse(localValue));\n      if (value !== parsedLocalValue) {\n
changeValue(attribute, parsedLocalValue);\n      }\n    };\n\n    const submitAttributeChange = () => {\n      if
(isAttributeValid && isValueValid) {\n        if (attribute !== localAttribute) {\n          changeAttribute(attribute,
localAttribute, value);\n        }\n      }\n    };\n\n    return (\n      <div className={styles.Row}>\n        <Field\n
className={isAttributeValid ? styles.Attribute : styles.Invalid}\n          onChange={validateAndSetLocalAttribute}\n
          onReset={resetAttribute}\n          onSubmit={submitAttributeChange}\n
placeholder={attributePlaceholder}\n          value={localAttribute}\n        />\n        &nbsp;\n        <Field\n
className={isValueValid ? styles.Value : styles.Invalid}\n          onChange={validateAndSetLocalValue}\n
          onReset={resetValue}\n          onSubmit={submitValueChange}\n          placeholder={valuePlaceholder}\n
value={localValue}\n        />\n      </div>\n    );\n  }\n\n  type FieldProps = {\n    className: string,\n    onChange:
(value: any) => void,\n    onReset: () => void,\n    onSubmit: () => void,\n    placeholder?: string,\n    value:
any,\n  };\n\n  function Field({\n    className,\n    onChange,\n    onReset,\n    onSubmit,\n    placeholder,\n    value,\n  }:
FieldProps) {\n    const onKeyDown = event => {\n      switch (event.key) {\n        case 'Enter':\n          onSubmit();\n
break;\n        case 'Escape':\n          onReset();\n          break;\n        case 'ArrowDown':\n        case 'ArrowLeft':\n        case
'ArrowRight':\n        case 'ArrowUp':\n          event.stopPropagation();\n          break;\n        default:\n          break;\n      }\n
};\n\n    return (\n      <AutoSizeInput\n        className={` ${className} ${styles.Input}`}\n        onBlur={onSubmit}\n
        onChange={event => onChange(event.target.value)}\n        onKeyDown={onKeyDown}\n
placeholder={placeholder}\n        value={value}\n      />\n    );\n  }\n\n  /**\n   * Copyright (c) Facebook, Inc. and its
affiliates.\n   *\n   * This source code is licensed under the MIT license found in the\n   * LICENSE file in the root
directory of this source tree.\n   *\n   * @flow\n   */\n\n  import * as React from 'react';\n  import {Fragment, useContext,
useMemo} from 'react';\n  import {StoreContext} from 'react-devtools-shared/src/devtools/views/context';\n  import
{useSubscription} from 'react-devtools-shared/src/devtools/views/hooks';\n  import {NativeStyleContext} from

```

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./context';\nimport LayoutViewer from './LayoutViewer';\nimport StyleEditor from './StyleEditor';\nimport
{TreeStateContext} from './TreeContext';\n\n type Props = {};\n\nexport default function
NativeStyleEditorWrapper(_: Props) {\n  const store = useContext(StoreContext);\n\n  const subscription =
useMemo(\n    () => ({\n      getCurrentValue: () => store.supportsNativeStyleEditor,\n      subscribe: (callback:
Function) => {\n        store.addListener('supportsNativeStyleEditor', callback);\n        return () => {\n
store.removeListener('supportsNativeStyleEditor', callback);\n        }\n      },\n    ),\n    [store],\n  );\n  const
supportsNativeStyleEditor = useSubscription<boolean>(subscription);\n\n  if (!supportsNativeStyleEditor) {\n
return null;\n  }\n\n  return <NativeStyleEditor />;\n}\n\nfunction NativeStyleEditor(_: Props) {\n  const
{getStyleAndLayout} = useContext(NativeStyleContext);\n\n  const {inspectedElementID} =
useContext(TreeStateContext);\n  if (inspectedElementID === null) {\n    return null;\n  }\n\n  const
maybeStyleAndLayout = getStyleAndLayout(inspectedElementID);\n  if (maybeStyleAndLayout === null) {\n
return null;\n  }\n\n  const {layout, style} = maybeStyleAndLayout;\n\n  return (\n    <Fragment>\n      {layout !==
null && (\n        <LayoutViewer id={inspectedElementID} layout={layout} />\n      )\n      {style !== null && (\n
        <StyleEditor\n          id={inspectedElementID}\n          style={style !== null ? style : {}}\n        />\n      )}\n
    </Fragment>\n  );\n}\n\n"/>**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed
under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n * \n * @flow\n
*/\n\nimport {copy} from 'clipboard-js';\nimport * as React from 'react';\nimport {Fragment, useCallback,
useContext} from 'react';\nimport {TreeDispatcherContext} from './TreeContext';\nimport {BridgeContext,
ContextMenuContext, StoreContext} from './context';\nimport ContextMenu from
'./../ContextMenu/ContextMenu';\nimport ContextMenuItem from './../ContextMenu/ContextMenuItem';\nimport
Button from './Button';\nimport ButtonIcon from './ButtonIcon';\nimport Icon from './Icon';\nimport HocBadges
from './HocBadges';\nimport InspectedElementContextTree from './InspectedElementContextTree';\nimport
InspectedElementErrorsAndWarningsTree from './InspectedElementErrorsAndWarningsTree';\nimport
InspectedElementHooksTree from './InspectedElementHooksTree';\nimport InspectedElementPropsTree from
 './InspectedElementPropsTree';\nimport InspectedElementStateTree from './InspectedElementStateTree';\nimport
InspectedElementStyleXPlugin from './InspectedElementStyleXPlugin';\nimport InspectedElementSuspenseToggle
from './InspectedElementSuspenseToggle';\nimport NativeStyleEditor from './NativeStyleEditor';\nimport Badge
from './Badge';\nimport {useHighlightNativeElement} from './hooks';\nimport {\n  copyInspectedElementPath as
copyInspectedElementPathAPI,\n  storeAsGlobal as storeAsGlobalAPI,\n} from 'react-devtools-
shared/src/backendAPI';\nimport {enableStyleXFeatures} from 'react-devtools-feature-flags';\n\nimport styles from
 './InspectedElementView.css';\n\nimport type {ContextMenuContextType} from './context';\nimport type {Element,
InspectedElement, SerializedElement} from './types';\nimport type {ElementType, HookNames} from 'react-
devtools-shared/src/types';\nimport type {ToggleParseHookNames} from './InspectedElementContext';\n\nexport
type CopyPath = (path: Array<string | number>) => void;\nexport type InspectPath = (path: Array<string | number>
) => void;\n\n type Props = {\n  element: Element,\n  hookNames: HookNames | null,\n  inspectedElement:
InspectedElement,\n  parseHookNames: boolean,\n  toggleParseHookNames:
ToggleParseHookNames,\n};\n\nexport default function InspectedElementView({\n  element,\n  hookNames,\n  inspectedElement,\n  parseHookNames,\n  toggleParseHookNames,\n}: Props) {\n  const {id} = element;\n  const
{owners, rendererPackageName, rendererVersion, rootType, source, } =
inspectedElement;\n\n  const bridge = useContext(BridgeContext);\n  const store = useContext(StoreContext);\n\n  const {\n    isEnabledForInspectedElement: isContextMenuEnabledForInspectedElement,\n    viewAttributeSourceFunction,\n  } = useContext<ContextMenuContextType>(ContextMenuContext);\n\n  const
rendererLabel =\n    rendererPackageName !== null && rendererVersion !== null\n      ?
`$ {rendererPackageName} @ $ {rendererVersion}`\n      : null;\n  const showOwnersList = owners !== null &&
owners.length > 0;\n  const showRenderedBy =\n    showOwnersList || rendererLabel !== null || rootType !==
null;\n\n  return (\n    <Fragment>\n      <div className={styles.InspectedElement}>\n        <HocBadges
element={element} />\n        <InspectedElementPropsTree\n          bridge={bridge}\n          element={element}\n
          inspectedElement={inspectedElement}\n          store={store}\n        />\n      </Fragment>\n  );\n}

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<InspectedElementSuspenseToggle\n      bridge={bridge}\n      inspectedElement={inspectedElement}\n
store={store}\n    />\n\n    <InspectedElementStateTree\n      bridge={bridge}\n      element={element}\n
inspectedElement={inspectedElement}\n      store={store}\n    />\n\n    <InspectedElementHooksTree\n
bridge={bridge}\n      element={element}\n      hookNames={hookNames}\n
inspectedElement={inspectedElement}\n      parseHookNames={parseHookNames}\n      store={store}\n
toggleParseHookNames={toggleParseHookNames}\n    />\n\n    <InspectedElementContextTree\n
bridge={bridge}\n      element={element}\n      inspectedElement={inspectedElement}\n      store={store}\n
/>\n\n      {enableStyleXFeatures && (\n        <InspectedElementStyleXPlugin\n          bridge={bridge}\n
element={element}\n          inspectedElement={inspectedElement}\n          store={store}\n        />\n      )}\n
    <InspectedElementErrorsAndWarningsTree\n      bridge={bridge}\n      element={element}\n
inspectedElement={inspectedElement}\n      store={store}\n    />\n\n    <NativeStyleEditor />\n\n
{showRenderedBy && (\n      <div\n        className={styles.Owners}\n        data-
testname=\"InspectedElementView-Owners\">\n          <div className={styles.OwnersHeader}>rendered
by</div>\n            {showOwnersList &&\n              ((owners: any): Array<SerializedElement>).map(owner => (\n
                <OwnerView\n                  key={owner.id}\n                  displayName={owner.displayName ||
'Anonymous'}\n                  hocDisplayNames={owner.hocDisplayNames}\n                  id={owner.id}\n
isInStore={store.containsElement(owner.id)}\n                  type={owner.type}\n                />\n              ))}\n
            {rootType !== null && (\n              <div className={styles.OwnersMetaField}>{rootType}</div>\n            )}\n
            {rendererLabel !== null && (\n              <div className={styles.OwnersMetaField}>{rendererLabel}</div>\n
            )}\n          </div>\n        )}\n        {source !== null && (\n          <Source fileName={source.fileName}
lineNumber={source.lineNumber} />\n        )}\n      </div>\n    )\n    {isContextMenuEnabledForInspectedElement
&& (\n      <ContextMenu id=\"InspectedElement\">\n        {({path, type: pathType}) => {\n          const
copyInspectedElementPath = () => {\n            const rendererID = store.getRendererIDForElement(id);\n            if
(rendererID !== null) {\n              copyInspectedElementPathAPI({\n                bridge,\n                id,\n
path,\n                rendererID,\n              });\n            }\n          });\n          const storeAsGlobal = () => {\n
            const rendererID = store.getRendererIDForElement(id);\n            if (rendererID !== null) {\n
              storeAsGlobalAPI({\n                bridge,\n                id,\n                path,\n                rendererID,\n
              });\n            }\n          }; \n          return (\n            <Fragment>\n              <ContextMenuItem\n
onClick={copyInspectedElementPath}\n                title=\"Copy value to clipboard\">\n                  <Icon
className={styles.ContextMenuIcon} type=\"copy\" /> Copy\n                    value to clipboard\n
                </ContextMenuItem>\n              <ContextMenuItem\n                onClick={storeAsGlobal}\n
title=\"Store as global variable\">\n                  <Icon\n                    className={styles.ContextMenuIcon}\n
                    type=\"store-as-global-variable\" />{' '} \n                    Store as global variable\n
                </ContextMenuItem>\n              {viewAttributeSourceFunction !== null &&\n                pathType === 'function'
&& (\n                <ContextMenuItem\n                  onClick={() => viewAttributeSourceFunction(id, path)}\n
                  title=\"Go to definition\">\n                    <Icon className={styles.ContextMenuIcon} type=\"code\" />
Go\n                      to definition\n                    </ContextMenuItem>\n                )}\n              </Fragment>\n
            );\n          }\n        } }\n      </ContextMenu>\n    )}\n  </Fragment>\n); \n\n// This function is based on
describeComponentFrame() in packages/shared/ReactComponentStackFrame\nfunction
formatSourceForDisplay(fileName: string, lineNumber: string) {\n  const BEFORE_SLASH_RE =
/^(.*)[\\\\\\\\/];\n  let nameOnly = fileName.replace(BEFORE_SLASH_RE, '');\n  // In DEV, include code for a
common special case:\n  // prefer \"folder/index.js\" instead of just \"index.js\".\n  if (/^index\\.\\.\\.test(nameOnly)) {\n    const match = fileName.match(BEFORE_SLASH_RE);\n    if (match) {\n      const pathBeforeSlash = match[1];\n      if (pathBeforeSlash) {\n        const folderName = pathBeforeSlash.replace(BEFORE_SLASH_RE, '');\n        nameOnly = folderName + '/' + nameOnly;\n      }\n    }\n  }\n  return `${nameOnly}:${lineNumber}`;\n}\n\ntype
SourceProps = {\n  fileName: string,\n  lineNumber: string,\n};\n\nfunction Source({ fileName, lineNumber}:
SourceProps) {\n  const handleCopy = () => copy(`${fileName}:${lineNumber}`);\n  return (\n    <div
className={styles.Source} data-testname=\"InspectedElementView-Source\">\n      <div

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className={styles.SourceHeaderRow}>\n    <div className={styles.SourceHeader}>source</div>\n
<Button onClick={handleCopy} title=\"Copy to clipboard\">\n    <ButtonIcon type=\"copy\" />\n
</Button>\n  </div>\n  <div className={styles.SourceOneLiner}>\n    {formatSourceForDisplay(fileName,
lineNumber)}\n  </div>\n </div>\n );\n}\n\ntype OwnerViewProps = {\n  displayName: string,\n  hocDisplayNames: Array<string> | null,\n  id: number,\n  isInStore: boolean,\n  type: ElementType,\n};\n\nfunction
OwnerView({\n  displayName,\n  hocDisplayNames,\n  id,\n  isInStore,\n  type,\n}: OwnerViewProps) {\n  const
dispatch = useContext(TreeDispatcherContext);\n  const {\n    highlightNativeElement,\n    clearHighlightNativeElement,\n  } = useHighlightNativeElement();\n\n  const handleClick = useCallback(() =>{\n    dispatch({\n      type: 'SELECT_ELEMENT_BY_ID',\n      payload: id,\n    }),\n    [dispatch, id],\n  });\n\n  const onMouseEnter = () => highlightNativeElement(id);\n  const onMouseLeave =
clearHighlightNativeElement;\n\n  return (\n    <Button\n      key={id}\n      className={styles.OwnerButton}\n      disabled={!isInStore}\n      onClick={handleClick}\n      onMouseEnter={onMouseEnter}\n      onMouseLeave={onMouseLeave}>\n      <span className={styles.OwnerContent}>\n        <span\n          className={` ${styles.Owner} ${isInStore ? '' : styles.NotInStore}`}\n          title={displayName}>\n          {displayName}\n        </span>\n        <Badge hocDisplayNames={hocDisplayNames} type={type} />\n      </span>\n      <Button\n        >\n        <span>\n          <Badge hocDisplayNames={hocDisplayNames} type={type} />\n        </span>\n      </Button>\n    );\n  }\n  \"**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is
licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *
@flow\n */\n\nimport * as React from 'react';\nimport {useCallback, useContext, useSyncExternalStore} from
'react';\nimport {TreeDispatcherContext, TreeStateContext} from './TreeContext';\nimport {BridgeContext,
StoreContext, OptionsContext} from './context';\nimport Button from './Button';\nimport ButtonIcon from
'./ButtonIcon';\nimport Icon from './Icon';\nimport {ModalDialogContext} from './ModalDialog';\nimport
ViewElementSourceContext from './ViewElementSourceContext';\nimport Toggle from './Toggle';\nimport
{ElementTypeSuspense} from 'react-devtools-shared/src/types';\nimport CannotSuspendWarningMessage from
'./CannotSuspendWarningMessage';\nimport InspectedElementView from './InspectedElementView';\nimport
{InspectedElementContext} from './InspectedElementContext';\nimport {getOpenInEditorURL} from
'./../utils';\nimport {LOCAL_STORAGE_OPEN_IN_EDITOR_URL} from './../constants';\nimport styles
from './InspectedElement.css';\nimport type {InspectedElement} from './types';\n\nexport type Props = {};\n\n//
TODO Make edits and deletes also use transition API!\n\nexport default function InspectedElementWrapper(_:
Props) {\n  const {inspectedElementID} = useContext(TreeStateContext);\n  const dispatch =
useContext(TreeDispatcherContext);\n  const {canViewElementSourceFunction, viewElementSourceFunction} =
useContext(\n    ViewElementSourceContext,\n  );\n  const bridge = useContext(BridgeContext);\n  const store =
useContext(StoreContext);\n  const {\n    hideToggleErrorAction,\n    hideToggleSuspenseAction,\n    hideLogAction,\n    hideViewSourceAction,\n  } = useContext(OptionsContext);\n  const {dispatch:
modalDialogDispatch} = useContext(ModalDialogContext);\n\n  const {\n    hookNames,\n    inspectedElement,\n    parseHookNames,\n    toggleParseHookNames,\n  } = useContext(InspectedElementContext);\n\n  const element
= \n    inspectedElementID !== null\n      ? store.getElementByID(inspectedElementID)\n      : null;\n\n  const
highlightElement = useCallback(() => {\n    if (element !== null && inspectedElementID !== null) {\n      const
rendererID = store.getRendererIDForElement(inspectedElementID);\n      if (rendererID !== null) {\n        bridge.send('highlightNativeElement', {\n          displayName: element.displayName,\n          hideAfterTimeout:
true,\n          id: inspectedElementID,\n          openNativeElementsPanel: true,\n          rendererID,\n          scrollIntoView: true,\n        });\n      }\n    }\n  }, [bridge, element, inspectedElementID, store]);\n\n  const
logElement = useCallback(() => {\n    if (inspectedElementID !== null) {\n      const rendererID =
store.getRendererIDForElement(inspectedElementID);\n      if (rendererID !== null) {\n        bridge.send('logElementToConsole', {\n          id: inspectedElementID,\n          rendererID,\n        });\n      }\n    }\n  }, [bridge, inspectedElementID, store]);\n\n  const viewSource = useCallback(() => {\n    if
(viewElementSourceFunction != null && inspectedElement != null) {\n      viewElementSourceFunction(\n        inspectedElement.id,\n        ((inspectedElement: any): InspectedElement),\n      );\n    }\n  }, [inspectedElement,
viewElementSourceFunction]);\n\n  // In some cases (e.g. FB internal usage) the standalone shell might not be able

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to view the source.\n // To detect this case, we defer to an injected helper function (if present).\n const
canViewSource =\n inspectedElement !== null &&\n inspectedElement.canViewSource &&\n
viewElementSourceFunction !== null &&\n (canViewElementSourceFunction === null ||\n
canViewElementSourceFunction(inspectedElement));\n\n const isErrored = inspectedElement !== null &&
inspectedElement.isErrored;\n const targetErrorBoundaryID =\n inspectedElement !== null ?
inspectedElement.targetErrorBoundaryID : null;\n\n const isSuspended =\n element !== null &&\n element.type
=== ElementTypeSuspense &&\n inspectedElement !== null &&\n inspectedElement.state !== null;\n\n const
canToggleError =\n !hideToggleErrorAction &&\n inspectedElement !== null &&\n
inspectedElement.canToggleError;\n\n const canToggleSuspense =\n !hideToggleSuspenseAction &&\n
inspectedElement !== null &&\n inspectedElement.canToggleSuspense;\n\n const editorURL =
useSyncExternalStore(\n function subscribe(callback) {\n
window.addEventListener(LOCAL_STORAGE_OPEN_IN_EDITOR_URL, callback);\n return function
unsubscribe() {\n window.removeEventListener(LOCAL_STORAGE_OPEN_IN_EDITOR_URL, callback);\n
});\n },\n function getState() {\n return getOpenInEditorURL();\n },\n );\n\n const canOpenInEditor =\n editorURL && inspectedElement !== null && inspectedElement.source !== null;\n\n const toggleErrored =
useCallback(() => {\n if (inspectedElement === null || targetErrorBoundaryID === null) {\n return;\n
}\n\n const rendererID = store.getRendererIDForElement(targetErrorBoundaryID);\n if (rendererID !== null) {\n if
(targetErrorBoundaryID !== inspectedElement.id) {\n // Update tree selection so that if we cause a component
to error,\n // the nearest error boundary will become the newly selected thing.\n dispatch({\n type:
'SELECT_ELEMENT_BY_ID',\n payload: targetErrorBoundaryID,\n });\n }\n\n // Toggle error.\n
bridge.send('overrideError', {\n id: targetErrorBoundaryID,\n rendererID,\n forceError: !isErrored,\n
});\n }\n }, [bridge, dispatch, isErrored, targetErrorBoundaryID]);\n\n // TODO (suspense toggle) Would be nice
to eventually use a two setState pattern here as well.\n const toggleSuspended = useCallback(() => {\n let
nearestSuspenseElement = null;\n let currentElement = element;\n while (currentElement !== null) {\n if
(currentElement.type === ElementTypeSuspense) {\n nearestSuspenseElement = currentElement;\n
break;\n } else if (currentElement.parentID > 0) {\n currentElement =
store.getElementByID(currentElement.parentID);\n } else {\n currentElement = null;\n }\n }\n\n // If
we didn't find a Suspense ancestor, we can't suspend.\n // Instead we can show a warning to the user.\n if
(nearestSuspenseElement === null) {\n modalDialogDispatch({\n id: 'InspectedElement',\n type:
'SHOW',\n content: <CannotSuspendWarningMessage />,\n });\n } else {\n const
nearestSuspenseElementID = nearestSuspenseElement.id;\n\n // If we're suspending from an arbitrary (non-
Suspense) component, select the nearest Suspense element in the Tree.\n // This way when the fallback UI is
shown and the current element is hidden, something meaningful is selected.\n if (nearestSuspenseElement !==
element) {\n dispatch({\n type: 'SELECT_ELEMENT_BY_ID',\n payload:
nearestSuspenseElementID,\n });\n }\n\n const rendererID = store.getRendererIDForElement(\n
nearestSuspenseElementID,\n );\n\n // Toggle suspended\n if (rendererID !== null) {\n
bridge.send('overrideSuspense', {\n id: nearestSuspenseElementID,\n rendererID,\n forceFallback:
!isSuspended,\n });\n }\n }, [bridge, dispatch, element, isSuspended, modalDialogDispatch,
store]);\n\n const onOpenInEditor = useCallback(() => {\n const source = inspectedElement?.source;\n if
(source === null || editorURL === null) {\n return;\n }\n\n const url = new URL(editorURL);\n url.href =
url.href.replace('{path}', source.fileName);\n url.href = url.href.replace('{line}', String(source.lineNumber));\n
window.open(url);\n }, [inspectedElement, editorURL]);\n\n if (element === null) {\n return (\n <div
className={styles.InspectedElement}>\n <div className={styles.TitleRow} />\n </div>\n );\n }\n\n let
strictModeBadge = null;\n if (element.isStrictModeNonCompliant) {\n strictModeBadge = (\n <a\n
className={styles.StrictModeNonCompliant}\n href=\"https://fb.me/devtools-strict-mode\"\n
rel=\"noopener noreferrer\"\n target=\"_blank\"\n title=\"This component is not running in StrictMode.
Click to learn more.\">\n <Icon type=\"strict-mode-non-compliant\" />\n </a>\n );\n }\n\n return (\n
<div className={styles.InspectedElement}>\n <div className={styles.TitleRow} data-

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key="VRule" className={styles.VRule} />\n    }\n    const {icon, id, label, title} = tab;\n    let button
= (\n    <label\n    className={[\n    tabSizeClassName,\n    disabled ? styles.TabDisabled :
styles.Tab,\n    !disabled && currentTab === id ? styles.TabCurrent : ",\n    ].join(' ')}\n    data-
testname={`TabBarButton-${id}`} \n    key={id}\n    onKeyDown={handleKeyDown}\n
onMouseDown={() => selectTab(id)}>\n    <input\n    type="radio"\n
className={styles.Input}\n    checked={currentTab === id}\n    disabled={disabled}\n
name={groupName}\n    value={id}\n    onChange={onChange}\n    />\n    <Icon\n
className={` ${\n    disabled ? styles.IconDisabled : "\n    } ${iconSizeClassName}`}\n
type={icon}\n    />\n    <span className={tabLabelClassName}>{label}</span>\n    </label>\n
);\n    if (title) {\n    button = (\n    <Tooltip key={id} label={title}>\n    {button}\n
</Tooltip>\n    );\n    }\n    return button;\n  )}\n </Fragment>\n );\n\n", /*\n * Copyright (c)
Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n *
LICENSE file in the root directory of this source tree.\n *\n * @flow\n *\nimport * as React from 'react';\nimport
{\n useCallback,\n useContext,\n useEffect,\n useMemo,\n useRef,\n useState,\n } from 'react';\nimport
{LOCAL_STORAGE_OPEN_IN_EDITOR_URL} from '../././constants';\nimport {useLocalStorage,
useSubscription} from './hooks';\nimport {StoreContext} from './context';\nimport Button from './Button';\nimport
ButtonIcon from './ButtonIcon';\nimport Toggle from './Toggle';\nimport {SettingsContext} from
'./Settings/SettingsContext';\nimport {\n ComponentFilterDisplayName,\n ComponentFilterElementType,\n
ComponentFilterHOC,\n ComponentFilterLocation,\n ElementTypeClass,\n ElementTypeContext,\n
ElementTypeFunction,\n ElementTypeForwardRef,\n ElementTypeHostComponent,\n ElementTypeMemo,\n
ElementTypeOtherOrUnknown,\n ElementTypeProfiler,\n ElementTypeSuspense,\n } from 'react-devtools-
shared/src/types';\nimport {getDefaultOpenInEditorURL} from 'react-devtools-shared/src/utills';\nimport styles
from './SettingsShared.css';\nimport type {\n BooleanComponentFilter,\n ComponentFilter,\n
ComponentFilterType,\n ElementType,\n ElementTypeComponentFilter,\n RegExpComponentFilter,\n } from
'react-devtools-shared/src/types';\n\nexport default function ComponentsSettings(_: {}) {\n  const store =
useContext(StoreContext);\n  const {parseHookNames, setParseHookNames} = useContext(SettingsContext);\n  const
collapseNodesByDefaultSubscription = useMemo(\n    () => ({\n      getCurrentValue: () =>
store.collapseNodesByDefault,\n      subscribe: (callback: Function) => {\n
store.addListener('collapseNodesByDefault', callback);\n      return () =>
store.removeListener('collapseNodesByDefault', callback);\n    },\n    ),\n    [store],\n  );\n  const
collapseNodesByDefault = useSubscription<boolean>(\n    collapseNodesByDefaultSubscription,\n  );\n  const
updateCollapseNodesByDefault = useCallback(\n    ({currentTarget}) => {\n      store.collapseNodesByDefault =
!currentTarget.checked;\n    },\n    [store],\n  );\n  const updateParseHookNames = useCallback(\n
({currentTarget}) => {\n      setParseHookNames(currentTarget.checked);\n    },\n    [setParseHookNames],\n  );\n  const
[openInEditorURL, setOpenInEditorURL] = useLocalStorage<string>(\n
LOCAL_STORAGE_OPEN_IN_EDITOR_URL,\n    getDefaultOpenInEditorURL(),\n  );\n  const
[componentFilters, setComponentFilters] = useState<\n    Array<ComponentFilter>,\n  >(() =>
[...store.componentFilters]);\n  const addFilter = useCallback(() => {\n
setComponentFilters(prevComponentFilters => {\n      return [\n        ...prevComponentFilters,\n        {\n          type:
ComponentFilterElementType,\n          value: ElementTypeHostComponent,\n          isEnabled: true,\n        },\n      ];\n    },\n    [],\n  );\n  const changeFilterType = useCallback(\n    (componentFilter: ComponentFilter, type:
ComponentFilterType) => {\n      setComponentFilters(prevComponentFilters => {\n        const cloned:
Array<ComponentFilter> = [...prevComponentFilters];\n        const index =
prevComponentFilters.indexOf(componentFilter);\n        if (index >= 0) {\n          if (type ===
ComponentFilterElementType) {\n            cloned[index] = {\n              type: ComponentFilterElementType,\n
isEnabled: componentFilter.isEnabled,\n              value: ElementTypeHostComponent,\n            }; \n          } else if
(type === ComponentFilterDisplayName) {\n            cloned[index] = {\n              type:
ComponentFilterDisplayName,\n              isEnabled: componentFilter.isEnabled,\n              isValid: true,\n

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value: ",\n      };\n    } else if (type === ComponentFilterLocation) {\n      cloned[index] = {\n
type: ComponentFilterLocation,\n      isEnabled: componentFilter.isEnabled,\n      isValid: true,\n
value: ",\n      };\n    } else if (type === ComponentFilterHOC) {\n      cloned[index] = {\n      type:
ComponentFilterHOC,\n      isEnabled: componentFilter.isEnabled,\n      isValid: true,\n      };\n
}\n  }\n  return cloned;\n  });\n  },\n  [],\n );\n\n const updateFilterValueType = useCallback(\n
(componentFilter: ComponentFilter, value: ElementType) => {\n  if (componentFilter.type !==
ComponentFilterElementType) {\n    throw Error('Invalid value for element type filter');\n  }\n\n
setComponentFilters(prevComponentFilters => {\n    const cloned: Array<ComponentFilter> =
[...prevComponentFilters];\n    if (componentFilter.type === ComponentFilterElementType) {\n      const index
= prevComponentFilters.indexOf(componentFilter);\n      if (index >= 0) {\n        cloned[index] = {\n
...componentFilter,\n        value,\n      };\n    }\n    return cloned;\n  });\n  },\n  [],\n );\n\n
const updateFilterValueRegExp = useCallback(\n  (componentFilter: ComponentFilter, value: string) => {\n  if
(componentFilter.type === ComponentFilterElementType) {\n    throw Error('Invalid value for element type
filter');\n  }\n\n  setComponentFilters(prevComponentFilters => {\n    const cloned:
Array<ComponentFilter> = [...prevComponentFilters];\n    if (\n      componentFilter.type ===
ComponentFilterDisplayName ||\n      componentFilter.type === ComponentFilterLocation\n    ) {\n      const
index = prevComponentFilters.indexOf(componentFilter);\n      if (index >= 0) {\n        let isValid = true;\n
        try {\n          new RegExp(value); // eslint-disable-line no-new\n        } catch (error) {\n          isValid =
false;\n        }\n        cloned[index] = {\n          ...componentFilter,\n          isValid,\n          value,\n
        };\n      }\n    }\n    return cloned;\n  });\n  },\n  [],\n );\n\n const removeFilter = useCallback((index:
number) => {\n  setComponentFilters(prevComponentFilters => {\n    const cloned: Array<ComponentFilter> =
[...prevComponentFilters];\n    cloned.splice(index, 1);\n    return cloned;\n  });\n  },\n  []);\n\n const
toggleFilterIsEnabled = useCallback(\n  (componentFilter: ComponentFilter, isEnabled: boolean) => {\n
setComponentFilters(prevComponentFilters => {\n    const cloned: Array<ComponentFilter> =
[...prevComponentFilters];\n    const index = prevComponentFilters.indexOf(componentFilter);\n    if (index >=
0) {\n      if (componentFilter.type === ComponentFilterElementType) {\n        cloned[index] = {\n
...((cloned[index]: any): ElementTypeComponentFilter),\n        isEnabled,\n      }; \n    } else if (\n
componentFilter.type === ComponentFilterDisplayName ||\n      componentFilter.type ===
ComponentFilterLocation\n    ) {\n      cloned[index] = {\n        ...((cloned[index]: any):
RegExpComponentFilter),\n        isEnabled,\n      }; \n    } else if (componentFilter.type ===
ComponentFilterHOC) {\n      cloned[index] = {\n        ...((cloned[index]: any): BooleanComponentFilter),\n
        isEnabled,\n      }; \n    }\n    return cloned;\n  });\n  },\n  [],\n );\n\n // Filter updates
are expensive to apply (since they impact the entire tree).\n // Only apply them on unmount.\n // The Store will
avoid doing any expensive work unless they've changed.\n // We just want to batch the work in the event that they
do change.\n const componentFiltersRef = useRef<Array<ComponentFilter>>(componentFilters);\n useEffect(()
=> {\n  componentFiltersRef.current = componentFilters;\n  return () => {};\n }, [componentFilters]);\n
useEffect(\n  () => () => {\n    store.componentFilters = [...componentFiltersRef.current];\n  },\n  [store],\n
);\n\n return (\n  <div className={styles.Settings}>\n    <label className={styles.Setting}>\n      <input\n
type="checkbox"\n      checked={!collapseNodesByDefault}\n
onChange={updateCollapseNodesByDefault}\n      />{' '} Expand component tree by default\n
</label>\n\n    <label className={styles.Setting}>\n      <input\n      type="checkbox"\n
checked={parseHookNames}\n      onChange={updateParseHookNames}\n      />{' '} Always parse hook
names from source{' '\n      <span className={styles.Warning}>(may be slow)</span>\n    </label>\n\n
<label className={styles.OpenInURLSetting}>\n      Open in Editor URL: {' '\n      <input\n
className={styles.Input}\n      type="text"\n      placeholder={process.env.EDITOR_URL ??
'vscode://file/{path}:{line}'}\n      value={openInEditorURL}\n      onChange={event => {\n
setOpenInEditorURL(event.target.value);\n      }}\n      />\n    </label>\n\n    <div
className={styles.Header}>Hide components where...</div>\n\n    <table className={styles.Table}>\n

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\n      { componentFilters.length === 0 && (\n      <tr className={styles.TableRow}>\n      <td\n      className={styles.NoFiltersCell}>\n      No filters have been added.\n      </td>\n      </tr>\n    )}\n    { componentFilters.map((componentFilter, index) => (\n      <tr className={styles.TableRow}\n      key={index}>\n      <td className={styles.TableCell}>\n      <Toggle\n      className={\n      componentFilter.isValid !== false\n      ? "\n      : styles.InvalidRegExp\n      }\n      isChecked={componentFilter.isEnabled}\n      onChange={isEnabled =>\n      toggleFilterIsEnabled(componentFilter, isEnabled)\n      }\n      title={\n      componentFilter.isValid === false\n      ? 'Filter invalid'\n      : componentFilter.isEnabled\n      ? 'Filter enabled'\n      : 'Filter disabled'\n      }>\n      <ToggleIcon\n      isEnabled={componentFilter.isEnabled}\n      isValid={\n      componentFilter.isValid === null ||\n      componentFilter.isValid === true\n      }\n      />\n      </Toggle>\n    </td>\n    <td className={styles.TableCell}>\n      <select\n      className={styles.Select}\n      value={componentFilter.type}\n      onChange={({currentTarget}) =>\n      changeFilterType(\n      componentFilter,\n      ((parseInt(\n      currentTarget.value,\n      10,\n      ): any): ComponentFilterType),\n      )\n      }>\n      <option\n      value={ComponentFilterLocation}>location</option>\n      <option\n      value={ComponentFilterDisplayName}>name</option>\n      <option\n      value={ComponentFilterElementType}>type</option>\n      <option\n      value={ComponentFilterHOC}>hoc</option>\n      </select>\n      </td>\n      <td\n      className={styles.TableCell}>\n      {componentFilter.type === ComponentFilterElementType &&\n      'equals'}\n      {\n      (componentFilter.type === ComponentFilterLocation ||\n      componentFilter.type === ComponentFilterDisplayName) &&\n      'matches'}\n      </td>\n      <td\n      className={styles.TableCell}>\n      {componentFilter.type === ComponentFilterElementType &&\n      (\n      <select\n      className={styles.Select}\n      value={componentFilter.value}\n      onChange={({currentTarget}) =>\n      updateFilterValueType(\n      componentFilter,\n      ((parseInt(currentTarget.value, 10): any): ElementType),\n      )\n      }>\n      <option value={ElementTypeClass}>class</option>\n      <option\n      value={ElementTypeContext}>context</option>\n      <option\n      value={ElementTypeFunction}>function</option>\n      <option\n      value={ElementTypeForwardRef}>forward ref</option>\n      <option\n      value={ElementTypeHostComponent}>\n      host (e.g. &lt;div&gt;)\n      </option>\n      <option\n      value={ElementTypeMemo}>memo</option>\n      <option\n      value={ElementTypeOtherOrUnknown}>other</option>\n      <option\n      value={ElementTypeProfiler}>profiler</option>\n      <option\n      value={ElementTypeSuspense}>suspense</option>\n      </select>\n      )}\n      {\n      (componentFilter.type === ComponentFilterLocation ||\n      componentFilter.type ===\n      ComponentFilterDisplayName) &&\n      (\n      <input\n      className={styles.Input}\n      type="text"\n      placeholder="Regular expression"\n      onChange={({currentTarget}) =>\n      updateFilterValueRegExp(\n      componentFilter,\n      currentTarget.value,\n      )\n      }\n      value={componentFilter.value}\n      />\n      )}\n      </td>\n    </tr>\n  )}\n  </tbody>\n  </table>\n  <Button onClick={addFilter}>\n  <ButtonIcon\n  className={styles.ButtonIcon} type="add" />\n  Add filter\n  </Button>\n  </div>\n  );\n  \n  type\n  ToggleIconProps = {\n  isEnabled: boolean,\n  isValid: boolean,\n  }; \n  function ToggleIcon({isEnabled, isValid}: \n  ToggleIconProps) {\n  let className;\n  if (isValid) {\n  className = isEnabled ? styles.ToggleOn : \n  styles.ToggleOff;\n  } else {\n  className = isEnabled ? styles.ToggleOnInvalid : styles.ToggleOffInvalid;\n  }\n  return (\n  <div className={className}>\n  <div\n  className={isEnabled ? styles.ToggleInsideOn :

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styles.ToggleInsideOff}\n  />\n </div>\n );\n}\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this\n source tree.\n *\n * @flow\n */\nimport * as React from 'react';\nimport {useContext} from 'react';\nimport\n {SettingsContext} from './SettingsContext';\nimport styles from './SettingsShared.css';\n\nexport default function\n DebuggingSettings(_: {||}) {\n  const {\n    appendComponentStack,\n    breakOnConsoleErrors,\n    hideConsoleLogsInStrictMode,\n    setAppendComponentStack,\n    setBreakOnConsoleErrors,\n    setShowInlineWarningsAndErrors,\n    showInlineWarningsAndErrors,\n    sethideConsoleLogsInStrictMode,\n  } =\n    useContext(SettingsContext);\n\n  return (\n    <div className={styles.Settings}>\n      <div\n        className={styles.Setting}>\n        <label>\n          <input\n            type="checkbox"\n            checked={appendComponentStack}\n            onChange={({currentTarget}) =>\n              setAppendComponentStack(currentTarget.checked)\n            }\n          />{' '}\n          Append component stacks to\n          console warnings and errors.\n        </label>\n      </div>\n      <div className={styles.Setting}>\n        <label>\n          <input\n            type="checkbox"\n            checked={showInlineWarningsAndErrors}\n            onChange={({currentTarget}) =>\n              setShowInlineWarningsAndErrors(currentTarget.checked)\n            }\n          />{' '}\n          Show inline warnings and errors.\n        </label>\n      </div>\n      <div\n        className={styles.Setting}>\n        <label>\n          <input\n            type="checkbox"\n            checked={breakOnConsoleErrors}\n            onChange={({currentTarget}) =>\n              setBreakOnConsoleErrors(currentTarget.checked)\n            }\n          />{' '}\n          Break on warnings\n        </label>\n      </div>\n      <div className={styles.Setting}>\n        <label>\n          <input\n            type="checkbox"\n            checked={hideConsoleLogsInStrictMode}\n            onChange={({currentTarget}) =>\n              sethideConsoleLogsInStrictMode(currentTarget.checked)\n            }\n          />{' '}\n          Hide logs during\n          second render in Strict Mode\n        </label>\n      </div>\n    </div>\n  );\n}\n", "/*\n * Copyright (c) Facebook, Inc.\n and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the\n root directory of this source tree.\n *\n * @flow\n */\nimport * as React from 'react';\nimport {useContext} from\n 'react';\nimport {SettingsContext} from './SettingsContext';\nimport {StoreContext} from\n './context';\nimport\n {CHANGE_LOG_URL} from 'react-devtools-shared/src/constants';\nimport styles from\n './SettingsShared.css';\n\nexport default function GeneralSettings(_: {||}) {\n  const {\n    displayDensity,\n    setDisplayDensity,\n    setTheme,\n    setTraceUpdatesEnabled,\n    theme,\n    traceUpdatesEnabled,\n  } =\n    useContext(SettingsContext);\n\n  const {supportsTraceUpdates} =\n    useContext(StoreContext);\n\n  return (\n    <div\n      className={styles.Settings}>\n      <div className={styles.Setting}>\n        <div\n          className={styles.RadioLabel}>Theme</div>\n        <select\n          className={styles.Select}\n          value={theme}\n          onChange={({currentTarget}) =>\n            setTheme(currentTarget.value)\n          }\n        >\n          <option\n            value="auto">Auto</option>\n          <option\n            value="light">Light</option>\n          <option\n            value="dark">Dark</option>\n        </select>\n      </div>\n      <div className={styles.Setting}>\n        <div\n          className={styles.RadioLabel}>Display density</div>\n        <select\n          className={styles.Select}\n          value={displayDensity}\n          onChange={({currentTarget}) =>\n            setDisplayDensity(currentTarget.value)\n          }\n        >\n          <option\n            value="compact">Compact</option>\n          <option\n            value="comfortable">Comfortable</option>\n        </select>\n      </div>\n      {supportsTraceUpdates\n        && (\n          <div className={styles.Setting}>\n            <label>\n              <input\n                type="checkbox"\n                checked={traceUpdatesEnabled}\n                onChange={({currentTarget}) =>\n                  setTraceUpdatesEnabled(currentTarget.checked)\n                }\n              />{' '}\n              Highlight updates when\n              components render.\n            </label>\n          </div>\n        )\n      }\n      <div className={styles.ReleaseNotes}>\n        <a\n          className={styles.ReleaseNotesLink}\n          target="_blank"\n          rel="noopener noreferrer"\n          href={CHANGE_LOG_URL}>\n          View release notes\n        </a>{' '}\n        for DevTools version\n        {process.env.DEVTOOLS_VERSION}\n      </div>\n    </div>\n  );\n}\n", "/*\n * Copyright (c) Facebook, Inc. and\n its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root\n directory of this source tree.\n *\n * @flow\n */\nimport * as React from 'react';\nimport {createContext,\n  useCallback, useContext, useMemo, useState} from 'react';\nimport {unstable_batchedUpdates as\n  batchedUpdates}

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from 'react-dom';\nimport {useLocalStorage, useSubscription} from '../hooks';\nimport {\n
TreeDispatcherContext,\n TreeStateContext,\n} from '../Components/TreeContext';\nimport {StoreContext} from
'./context';\n\nimport type {ProfilingDataFrontend} from './types';\n\n// TODO (timeline) Should this be its own
context?\n\nexport type TabID = 'flame-chart' | 'ranked-chart' | 'timeline';\n\nexport type Context = {\n // Which tab is
selected in the Profiler UI?\n selectedTabID: TabID,\n selectTab(id: TabID): void,\n // Store subscription based
values.\n // The isProfiling value may be modified by the record button in the Profiler toolbar,\n // or from the
backend itself (after a reload-and-profile action).\n // It is synced between the backend and frontend via a Store
subscription.\n didRecordCommits: boolean,\n isProcessingData: boolean,\n isProfiling: boolean,\n profilingData:
ProfilingDataFrontend | null,\n startProfiling(): void,\n stopProfiling(): void,\n supportsProfiling: boolean,\n //
Which root should profiling data be shown for?\n // This value should be initialized to either:\n // 1. The selected
root in the Components tree (if it has any profiling data) or\n // 2. The first root in the list with profiling data.\n
rootID: number | null,\n setRootID: (id: number) => void,\n // Controls whether commits are filtered by
duration.\n // This value is controlled by a filter toggle UI in the Profiler toolbar.\n // It impacts the commit selector
UI as well as the fiber commits bar chart.\n isCommitFilterEnabled: boolean,\n setIsCommitFilterEnabled: (value:
boolean) => void,\n minCommitDuration: number,\n setMinCommitDuration: (value: number) => void,\n //
Which commit is currently selected in the commit selector UI.\n // Note that this is the index of the commit in all
commits (non-filtered) that were profiled.\n // This value is controlled by the commit selector UI in the Profiler
toolbar.\n // It impacts the flame graph and ranked charts.\n selectedCommitIndex: number | null,\n
selectCommitIndex: (value: number | null) => void,\n // Which fiber is currently selected in the Ranked or
Flamegraph charts?\n selectedFiberID: number | null,\n selectedFiberName: string | null,\n selectFiber: (id:
number | null, name: string | null) => void,\n};\n\nconst ProfilerContext = createContext<Context>((null: any):
Context));\n\nProfilerContext.displayName = 'ProfilerContext';\n\ntype StoreProfilingState = {\n\n
didRecordCommits: boolean,\n isProcessingData: boolean,\n isProfiling: boolean,\n profilingData:
ProfilingDataFrontend | null,\n supportsProfiling: boolean,\n};\n\ntype Props = {\n children:
React$Node,\n};\n\nfunction ProfilerContextController({children}: Props) {\n const store =
useContext(StoreContext);\n const {selectedElementID} = useContext(TreeStateContext);\n const dispatch =
useContext(TreeDispatcherContext);\n\n const {profilerStore} = store;\n\n const subscription = useMemo(() => ({\n
getCurrentValue: () => ({\n didRecordCommits: profilerStore.didRecordCommits,\n
isProcessingData: profilerStore.isProcessingData,\n isProfiling: profilerStore.isProfiling,\n profilingData:
profilerStore.profilingData,\n supportsProfiling: store.supportsProfiling,\n })),\n subscribe: (callback:
Function) => {\n profilerStore.addListener('profilingData', callback);\n
profilerStore.addListener('isProcessingData', callback);\n profilerStore.addListener('isProfiling', callback);\n
store.addListener('supportsProfiling', callback);\n return () => {\n
profilerStore.removeListener('profilingData', callback);\n profilerStore.removeListener('isProcessingData',
callback);\n profilerStore.removeListener('isProfiling', callback);\n
store.removeListener('supportsProfiling', callback);\n });\n },\n },\n ),\n [profilerStore, store],\n );\n\n const
{\n didRecordCommits,\n isProcessingData,\n isProfiling,\n profilingData,\n supportsProfiling,\n } =
useSubscription<StoreProfilingState>(subscription);\n\n const [\n prevProfilingData,\n setPrevProfilingData,\n
] = useState<ProfilingDataFrontend | null>(null);\n\n const [rootID, setRootID] = useState<number | null>(null);\n
const [selectedFiberID, selectFiberID] = useState<number | null>(null);\n const [selectedFiberName,
selectFiberName] = useState<string | null>(null);\n\n const selectFiber = useCallback(\n (id: number | null, name:
string | null) => {\n selectFiberID(id);\n selectFiberName(name);\n // Sync selection to the Components
tab for convenience.\n // Keep in mind that profiling data may be from a previous session.\n // If data has been
imported, we should skip the selection sync.\n if (\n id !== null &&\n profilingData !== null &&\n
profilingData.imported === false\n ) {\n // We should still check to see if this element is still in the store.\n
// It may have been removed during profiling.\n if (store.containsElement(id)) {\n dispatch({\n
type: 'SELECT_ELEMENT_BY_ID',\n payload: id,\n });\n }\n },\n },\n [dispatch,
selectFiberID, selectFiberName, store, profilingData],\n );\n\n const setRootIDAndClearFiber = useCallback(\n

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(id: number | null) => {\n  selectFiber(null, null);\n  setRootID(id);\n  },\n  [setRootID, selectFiber],\n );\n\nif (prevProfilingData !== profilingData) {\n  batchedUpdates(() => {\n    setPrevProfilingData(profilingData);\n\n    const dataForRoots =\n      profilingData !== null ? profilingData.dataForRoots : null;\n    if (dataForRoots !==\n      null) {\n      const firstRootID = dataForRoots.keys().next().value || null;\n      if (rootID === null ||\n        !dataForRoots.has(rootID)) {\n        let selectedElementRootID = null;\n        if (selectedElementID !== null) {\n          selectedElementRootID = store.getRootIDForElement(\n            selectedElementID,\n          );\n        }\n        if (\n          selectedElementRootID !== null &&\n          dataForRoots.has(selectedElementRootID)\n        ) {\n          setRootIDAndClearFiber(selectedElementRootID);\n        } else {\n          setRootIDAndClearFiber(firstRootID);\n        }\n      }\n    }\n  });\n}\n\nconst startProfiling =\n  useCallback(\n    () => store.profilerStore.startProfiling(),\n    [store],\n  );\nconst stopProfiling = useCallback(() =>\n  store.profilerStore.stopProfiling(),\n  [store],\n );\n\nconst [\n  isCommitFilterEnabled,\n  setIsCommitFilterEnabled,\n ] = useLocalStorage<boolean>('React::DevTools::isCommitFilterEnabled', false);\nconst [\n  minCommitDuration, setMinCommitDuration\n] = useLocalStorage<number>(\n  'minCommitDuration',\n  0,\n );\nconst [\n  selectedCommitIndex, selectCommitIndex\n] = useState<number | null>(\n  null,\n );\nconst [\n  selectedTabID, selectTab\n] = useLocalStorage<TabID>(\n  'React::DevTools::Profiler::defaultTab',\n  'flame-chart',\n );\n\nif (isProfiling) {\n  batchedUpdates(() => {\n    if (selectedCommitIndex !== null) {\n      selectCommitIndex(null);\n    }\n    if (selectedFiberID !== null) {\n      selectFiberID(null);\n      selectFiberName(null);\n    }\n  });\n}\n\nconst value = useMemo(\n  () => ({\n    selectedTabID,\n    selectTab,\n    didRecordCommits,\n    isProcessingData,\n    isProfiling,\n    profilingData,\n    startProfiling,\n    stopProfiling,\n    supportsProfiling,\n    rootID,\n    setRootID,\n    setRootIDAndClearFiber,\n    isCommitFilterEnabled,\n    setIsCommitFilterEnabled,\n    minCommitDuration,\n    setMinCommitDuration,\n    selectedCommitIndex,\n    selectCommitIndex,\n    selectedFiberID,\n    selectedFiberName,\n    selectFiber,\n  }),\n  [\n    selectedTabID,\n    selectTab,\n    didRecordCommits,\n    isProcessingData,\n    isProfiling,\n    profilingData,\n    startProfiling,\n    stopProfiling,\n    supportsProfiling,\n    rootID,\n    setRootID,\n    setRootIDAndClearFiber,\n    isCommitFilterEnabled,\n    setIsCommitFilterEnabled,\n    minCommitDuration,\n    setMinCommitDuration,\n    selectedCommitIndex,\n    selectCommitIndex,\n    selectedFiberID,\n    selectedFiberName,\n    selectFiber,\n  ],\n );\n\nreturn (\n  <ProfilerContext.Provider value={value}>\n    {children}\n  </ProfilerContext.Provider>\n );\n\nexport { ProfilerContext,\n  ProfilerContextController};\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n */\n\nimport * as React from 'react';\nimport {useCallback, useContext, useMemo, useRef} from\n  'react';\nimport {useSubscription} from '../hooks';\nimport {StoreContext} from '../context';\nimport {ProfilerContext} from 'react-devtools-shared/src/devtools/views/Profiler/ProfilerContext';\nimport styles from\n  './SettingsShared.css';\n\nexport default function ProfilerSettings(_: {}) {\n  const {\n    isCommitFilterEnabled,\n    minCommitDuration,\n    setIsCommitFilterEnabled,\n    setMinCommitDuration,\n  } =\n    useContext(ProfilerContext);\n  const store = useContext(StoreContext);\n\n  const\n    recordChangeDescriptionsSubscription = useMemo(\n      () => ({\n        getCurrentValue: () =>\n          store.recordChangeDescriptions,\n        subscribe: (callback: Function) => {\n          store.addListener('recordChangeDescriptions', callback);\n          return () =>\n            store.removeListener('recordChangeDescriptions', callback);\n        },\n      }),\n      [store],\n    );\n  const\n    recordChangeDescriptions = useSubscription<boolean>(\n      recordChangeDescriptionsSubscription,\n    );\n  const\n    updateRecordChangeDescriptions = useCallback(\n      (currentTarget) => {\n        store.recordChangeDescriptions =\n          currentTarget.checked;\n      },\n      [store],\n    );\n  const\n    updateMinCommitDuration = useCallback(\n      (event:\n        SyntheticEvent<HTMLInputElement>)\n      => {\n        const newValue = parseFloat(event.currentTarget.value);\n        setMinCommitDuration(\n          Number.isNaN(newValue) ||\n          newValue <= 0 ? 0 : newValue,\n        );\n      },\n      [setMinCommitDuration],\n    );\n  const\n    updateIsCommitFilterEnabled = useCallback(\n      (event:\n        SyntheticEvent<HTMLInputElement>)\n      => {\n        const checked = event.currentTarget.checked;\n
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setIsCommitFilterEnabled(checked);\n    if (checked) {\n        if (minCommitDurationInputRef.current !== null)
{\n            minCommitDurationInputRef.current.focus();\n        }\n    },\n    [setIsCommitFilterEnabled],\n);\n\nconst minCommitDurationInputRef = useRef<HTMLInputElement | null>(null);\n\nreturn (\n    <div
className={styles.Settings}>\n        <div className={styles.Setting}>\n            <label>\n                <input\n
type=\"checkbox\" \n                checked={recordChangeDescriptions}\n
onChange={updateRecordChangeDescriptions} \n            />{' '}\n                Record why each component rendered while
profiling.\n            </label>\n        </div>\n        <div className={styles.Setting}>\n            <label>\n                <input\n
checked={isCommitFilterEnabled}\n                onChange={updateIsCommitFilterEnabled}\n
type=\"checkbox\" \n            />{' '}\n                Hide commits below\n            </label>{' '}\n        </div>\n        <input\n
className={styles.Input}\n            onChange={updateMinCommitDuration}\n
ref={minCommitDurationInputRef}\n            type=\"number\" \n            value={minCommitDuration}\n            />{' '}\n
(ms)\n    </div>\n </div>\n );\n}\n\n\", \"**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source
code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n * This
source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *
@flow\n * ^\n\nimport * as React from 'react';\nimport {useCallback, useContext, useEffect, useMemo, useRef}
from 'react';\nimport {SettingsModalContext} from './SettingsModalContext';\nimport Button from
'./Button';\nimport ButtonIcon from './ButtonIcon';\nimport TabBar from './TabBar';\nimport {StoreContext} from
'./context';\nimport {\n    useLocalStorage,\n    useModalDismissSignal,\n    useSubscription,\n} from
'./hooks';\nimport ComponentsSettings from './ComponentsSettings';\nimport DebuggingSettings from
'./DebuggingSettings';\nimport GeneralSettings from './GeneralSettings';\nimport ProfilerSettings from
'./ProfilerSettings';\n\nimport styles from './SettingsModal.css';\n\nconst TabID = 'general' | 'components' |
'profiler';\n\nexport default function SettingsModal(_: {}) {\n    const {isModalShowing, setIsModalShowing} =
useContext(SettingsModalContext);\n    const store = useContext(StoreContext);\n    const {profilerStore} = store;\n\n    // Updating preferences while profiling is in progress could break things (e.g. filtering)\n    // Explicitly disallow it for
now.\n    const isProfilingSubscription = useMemo(\n        () => (\n            getCurrentValue: () =>
profilerStore.isProfiling,\n            subscribe: (callback: Function) => {\n                profilerStore.addListener('isProfiling',
callback);\n                return () => profilerStore.removeListener('isProfiling', callback);\n            },\n        ),\n        [profilerStore],\n    );\n    const isProfiling = useSubscription<boolean>(isProfilingSubscription);\n    if (isProfiling &&
isModalShowing) {\n        setIsModalShowing(false);\n    }\n    if (!isModalShowing) {\n        return null;\n    }\n\n    return
<SettingsModalImpl />;\n}\n\nfunction SettingsModalImpl(_: {}) {\n    const {setIsModalShowing} =
useContext(SettingsModalContext);\n    const dismissModal = useCallback(() => setIsModalShowing(false), [\n       
setIsModalShowing,\n    ]);\n\n    const [selectedTabID, selectTab] = useLocalStorage<TabID>(\n        'React::DevTools::selectedSettingsTabID',\n        'general',\n    );\n\n    const modalRef = useRef<HTMLDivElement |
null>(null);\n    useModalDismissSignal(modalRef, dismissModal);\n\n    useEffect(() => {\n        if (modalRef.current
!== null) {\n            modalRef.current.focus();\n        }\n    }, [modalRef]);\n\n    let view = null;\n    switch (selectedTabID)
{\n        case 'components':\n            view = <ComponentsSettings />;\n            break;\n        case 'debugging':\n            view =
<DebuggingSettings />;\n            break;\n        case 'general':\n            view = <GeneralSettings />;\n            break;\n        case
'profiler':\n            view = <ProfilerSettings />;\n            break;\n        default:\n            break;\n    }\n\n    return (\n        <div
className={styles.Background}>\n            <div className={styles.Modal} ref={modalRef}>\n                <div
className={styles.Tabs}>\n                    <TabBar\n                        currentTab={selectedTabID}\n                        id=\"Settings\"\n
selectTab={selectTab}\n                        tabs={tabs}\n                        type=\"settings\"\n                    />\n                    <div
className={styles.Spacer} />\n                    <Button onClick={dismissModal} title=\"Close settings dialog\">\n                        <ButtonIcon type=\"close\" />\n                    </Button>\n                </div>\n                <div
className={styles.Content}><view></div>\n            </div>\n        </div>\n    );\n\n    const tabs = [\n        {\n            id: 'general',\n            icon: 'settings',\n            label: 'General',\n        },\n        {\n            id: 'debugging',\n            icon: 'bug',\n            label: 'Debugging',\n        },\n        {\n            id: 'components',\n            icon: 'components',\n            label: 'Components',\n        },\n        {\n            id: 'profiler',\n            icon: 'profiler',\n            label: 'Profiler',\n        },\n    ];\n\n    \", \"**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source
code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n * This
source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *
@flow\n * ^\n\nimport * as React from 'react';\nimport {\n    Fragment,\n    Suspense,\n    useEffect,\n}

```

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useLayoutEffect,\n useReducer,\n useRef,\n} from 'react';\nimport Tree from './Tree';\nimport
{OwnersListContextController} from './OwnersListContext';\nimport portaledContent from
'./portaledContent';\nimport {SettingsModalContextController} from 'react-devtools-
shared/src/devtools/views/Settings/SettingsModalContext';\nimport {\n localStorageGetItem,\n
localStorageSetItem,\n} from 'react-devtools-shared/src/storage';\nimport InspectedElementErrorBoundary from
'./InspectedElementErrorBoundary';\nimport InspectedElement from './InspectedElement';\nimport
{InspectedElementContextController} from './InspectedElementContext';\nimport {ModalDialog} from
'./ModalDialog';\nimport SettingsModal from 'react-devtools-
shared/src/devtools/views/Settings/SettingsModal';\nimport {NativeStyleContextController} from
'./NativeStyleEditor/context';\n\nimport styles from './Components.css';\n\ntype Orientation = 'horizontal' |
'vertical';\n\ntype ResizeActionType =\n | 'ACTION_SET_DID_MOUNT'\n | 'ACTION_SET_IS_RESIZING'\n |
'ACTION_SET_HORIZONTAL_PERCENTAGE'\n | 'ACTION_SET_VERTICAL_PERCENTAGE';\n\ntype
ResizeAction = {\n type: ResizeActionType,\n payload: any,\n};\n\ntype ResizeState = {\n horizontalPercentage:
number,\n isResizing: boolean,\n verticalPercentage: number,\n};\n\nfunction Components(_: {}) {\n const
wrapperElementRef = useRef<null | HTMLDivElement>(null);\n const resizeElementRef = useRef<null |
HTMLDivElement>(null);\n\n const [state, dispatch] = useReducer<ResizeState, any, ResizeAction>(\n
resizeReducer,\n null,\n initResizeState,\n );\n\n const {horizontalPercentage, verticalPercentage} = state;\n\n
useLayoutEffect(() => {\n const resizeElement = resizeElementRef.current;\n\n setResizeCSSVariable(\n
resizeElement,\n 'horizontal',\n horizontalPercentage * 100,\n );\n setResizeCSSVariable(resizeElement,
'vertical', verticalPercentage * 100);\n }, []);\n\n useEffect(() => {\n const timeoutID = setTimeout(() => {\n
localStorageSetItem(\n LOCAL_STORAGE_KEY,\n JSON.stringify({\n horizontalPercentage,\n
verticalPercentage,\n })),\n );\n }, 500);\n\n return () => clearTimeout(timeoutID);\n },
[horizontalPercentage, verticalPercentage]);\n\n const {isResizing} = state;\n\n const onResizeStart = () =>\n
dispatch({type: 'ACTION_SET_IS_RESIZING', payload: true});\n\n let onResize;\n let onResizeEnd;\n if
(isResizing) {\n onResizeEnd = () =>\n dispatch({type: 'ACTION_SET_IS_RESIZING', payload: false});\n\n
onResize = event => {\n const resizeElement = resizeElementRef.current;\n const wrapperElement =
wrapperElementRef.current;\n\n if (!isResizing || wrapperElement === null || resizeElement === null) {\n
return;\n }\n\n event.preventDefault();\n\n const orientation = getOrientation(wrapperElement);\n\n
const {height, width, left, top} = wrapperElement.getBoundingClientRect();\n\n const currentMousePosition =\n
orientation === 'horizontal'\n ? event.clientX - left\n : event.clientY - top;\n\n const boundaryMin
= MINIMUM_SIZE;\n const boundaryMax =\n orientation === 'horizontal'\n ? width -
MINIMUM_SIZE\n : height - MINIMUM_SIZE;\n\n const isMousePositionInBounds =\n
currentMousePosition > boundaryMin &&\n currentMousePosition < boundaryMax;\n\n if
(isMousePositionInBounds) {\n const resizedElementDimension =\n orientation === 'horizontal' ? width :
height;\n const actionType =\n orientation === 'horizontal'\n ?
'ACTION_SET_HORIZONTAL_PERCENTAGE'\n : 'ACTION_SET_VERTICAL_PERCENTAGE';\n\n
const percentage =\n (currentMousePosition / resizedElementDimension) * 100;\n\n
setResizeCSSVariable(resizeElement, orientation, percentage);\n\n dispatch({\n type: actionType,\n
payload: currentMousePosition / resizedElementDimension,\n });\n }\n }\n\n return (\n
<SettingsModalContextController>\n <OwnersListContextController>\n <div\n
ref={wrapperElementRef}\n className={styles.Components}\n onMouseMove={onResize}\n
onMouseLeave={onResizeEnd}\n onMouseUp={onResizeEnd}>\n <Fragment>\n <div
ref={resizeElementRef} className={styles.TreeWrapper}>\n <Tree />\n </div>\n <div
className={styles.ResizeBarWrapper}>\n <div onMouseDown={onResizeStart}
className={styles.ResizeBar} />\n </div>\n <div className={styles.InspectedElementWrapper}>\n
<NativeStyleContextController>\n <InspectedElementErrorBoundary>\n <Suspense
fallback={<Loading />}>\n <InspectedElementContextController>\n <InspectedElement
/>\n </InspectedElementContextController>\n </Suspense>\n

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</InspectedElementErrorBoundary>\n      </NativeStyleContextController>\n    </div>\n
<ModalDialog />\n    <SettingsModal />\n  </Fragment>\n </div>\n
</OwnersListContextController>\n </SettingsModalContextController>\n );\n}\n\nfunction Loading() {\n return
<div className={styles.Loading}>Loading...</div>;\n}\n\nconst LOCAL_STORAGE_KEY =
'React::DevTools::createResizeReducer';\nconst VERTICAL_MODE_MAX_WIDTH = 600;\nconst
MINIMUM_SIZE = 50;\nfunction initResizeState(): ResizeState {\n let horizontalPercentage = 0.65;\n let
verticalPercentage = 0.5;\n\n try {\n let data = localStorage.getItem(LOCAL_STORAGE_KEY);\n if (data !=
null) {\n data = JSON.parse(data);\n horizontalPercentage = data.horizontalPercentage;\n
verticalPercentage = data.verticalPercentage;\n }\n } catch (error) {\n\n return {\n horizontalPercentage,\n
isResizing: false,\n verticalPercentage,\n };\n}\n\nfunction resizeReducer(state: ResizeState, action:
ResizeAction): ResizeState {\n switch (action.type) {\n case 'ACTION_SET_IS_RESIZING':\n return {\n
...state,\n isResizing: action.payload,\n }; \n case 'ACTION_SET_HORIZONTAL_PERCENTAGE':\n
return {\n ...state,\n horizontalPercentage: action.payload,\n }; \n case
'ACTION_SET_VERTICAL_PERCENTAGE':\n return {\n ...state,\n verticalPercentage:
action.payload,\n }; \n default:\n return state;\n }\n}\n\nfunction getOrientation(\n wrapperElement: null |
HTMLElement,\n): null | Orientation {\n if (wrapperElement != null) {\n const {width} =
wrapperElement.getBoundingClientRect();\n return width > VERTICAL_MODE_MAX_WIDTH ? 'horizontal' :
'vertical';\n }\n return null;\n}\n\nfunction setResizeCSSVariable(\n resizeElement: null | HTMLElement,\n
orientation: null | Orientation,\n percentage: number,\n): void {\n if (resizeElement !== null && orientation !==
null) {\n resizeElement.style.setProperty(\n `--${orientation}-resize-percentage`,\n `${percentage}%`,\n
);\n }\n}\n\nexport default portaledContent(Components);\n", "/*\n * Copyright (c) Facebook, Inc. and its
affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root
directory of this source tree.\n *\n * @flow\n */\n\nimport * as React from 'react';\nimport {createContext,
useMemo, useRef, useState} from 'react';\nimport type {\n HorizontalScrollStateChangeCallback,\n
SearchRegExpStateChangeCallback,\n ViewState,\n} from './types';\nimport type {RefObject} from
'shared/ReactTypes';\n\nexport type Context = {\n file: File | null,\n searchInputContainerRef: RefObject,\n
setFile: (file: File | null) => void,\n viewState: ViewState,\n};\n\nconst TimelineContext =
createContext<Context>(((null: any): Context));\nTimelineContext.displayName = 'TimelineContext';\n\nexport type Props
= {\n children: React$Node,\n};\n\nfunction TimelineContextController({children}: Props) {\n const
searchInputContainerRef = useRef(null);\n const [file, setFile] = useState<string | null>(null);\n\n // Recreate view
state any time new profiling data is imported.\n const viewState = useMemo<ViewState>(() => {\n const
horizontalScrollStateChangeCallbacks: Set<HorizontalScrollStateChangeCallback> = new Set();\n const
searchRegExpStateChangeCallbacks: Set<SearchRegExpStateChangeCallback> = new Set();\n\n const
horizontalScrollState = {\n offset: 0,\n length: 0,\n };\n\n const state: ViewState = {\n
horizontalScrollState,\n onHorizontalScrollStateChange: callback => {\n
horizontalScrollStateChangeCallbacks.add(callback);\n },\n onSearchRegExpStateChange: callback => {\n
searchRegExpStateChangeCallbacks.add(callback);\n },\n searchRegExp: null,\n
updateHorizontalScrollState: scrollState => {\n if (\n horizontalScrollState.offset === scrollState.offset
&&\n horizontalScrollState.length === scrollState.length\n ) {\n return;\n }\n\n
horizontalScrollState.offset = scrollState.offset;\n horizontalScrollState.length = scrollState.length;\n\n
horizontalScrollStateChangeCallbacks.forEach(callback => {\n callback(scrollState);\n });\n },\n\n
updateSearchRegExpState: (searchRegExp: RegExp | null) => {\n state.searchRegExp = searchRegExp;\n\n
searchRegExpStateChangeCallbacks.forEach(callback => {\n callback(searchRegExp);\n });\n },\n\n
viewToMutableViewStateMap: new Map(),\n );\n\n return state;\n }, [file]);\n\n const value = useMemo(\n ()
=> ({\n file,\n searchInputContainerRef,\n setFile,\n viewState,\n }),\n [file, setFile, viewState],\n
);\n\n return (\n <TimelineContext.Provider value={value}>\n {children}\n </TimelineContext.Provider>\n
);\n}\n\nexport {TimelineContext, TimelineContextController};\n", "/*\n * Copyright (c) Facebook, Inc. and its
affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root

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directory of this source tree.\n * @flow\n *\n\nimport * as React from 'react';\nimport {useContext} from
'react';\nimport {ProfilerContext} from './ProfilerContext';\nimport Button from './Button';\nimport ButtonIcon from
'./ButtonIcon';\nimport {StoreContext} from './context';\nimport {TimelineContext} from 'react-devtools-
timeline/src/TimelineContext';\n\nexport default function ClearProfilingDataButton() {\n  const store =
useContext(StoreContext);\n  const {didRecordCommits, isProfiling, selectedTabID} = useContext(\n
ProfilerContext,\n );\n  const {file, setFile} = useContext(TimelineContext);\n  const {profilerStore} = store;\n\n  let
doesHaveData = false;\n  if (selectedTabID === 'timeline') {\n    doesHaveData = file !== null;\n  } else {\n
doesHaveData = didRecordCommits;\n  }\n\n  const clear = () => {\n    if (selectedTabID === 'timeline') {\n
setFile(null);\n    } else {\n      profilerStore.clear();\n    }\n  };\n\n  return (\n    <Button\n      disabled={isProfiling ||
!doesHaveData}\n      onClick={clear}\n      title="Clear profiling data">\n      <ButtonIcon type="clear" />\n
</Button>\n  );\n}\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed
under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n * @flow\n
*\n\nimport * as React from 'react';\nimport styles from './NoCommitData.css';\n\nexport default function
NoCommitData(_ : {||}) {\n  return (\n    <div className={styles.NoCommitData}>\n      <div
className={styles.Header}>\n        There is no data matching the current filter criteria.\n      </div>\n      <div
className={styles.FilterMessage}>\n        Try adjusting the commit filter in Profiler settings.\n      </div>\n
</div>\n  );\n}\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed
under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n * @flow\n
*\n\nimport * as React from 'react';\nimport styles from './ChartNode.css';\n\nexport type Props = {\n  color: string,\n
height: number,\n  isDimmed?: boolean,\n  label: string,\n  onClick: (event: SyntheticMouseEvent<*>) => mixed,\n
onDoubleClick?: (event: SyntheticMouseEvent<*>) => mixed,\n  onMouseEnter: (event: SyntheticMouseEvent<*>)
=> mixed,\n  onMouseLeave: (event: SyntheticMouseEvent<*>) => mixed,\n  placeLabelAboveNode?: boolean,\n
textStyle?: Object,\n  width: number,\n  x: number,\n  y: number,\n|};\n\nconst minWidthToDisplay = 35;\n\nexport
default function ChartNode({\n  color,\n  height,\n  isDimmed = false,\n  label,\n  onClick,\n  onMouseEnter,\n
onMouseLeave,\n  onDoubleClick,\n  textStyle,\n  width,\n  x,\n  y,\n}: Props) {\n  return (\n    <g
className={styles.Group} transform={`translate(${x},${y})`} >\n      <rect\n        width={width}\n
height={height}\n        fill={color}\n        onClick={onClick}\n        onMouseEnter={onMouseEnter}\n
onMouseLeave={onMouseLeave}\n        onDoubleClick={onDoubleClick}\n        className={styles.Rect}\n
style={{\n          opacity: isDimmed ? 0.5 : 1,\n        }}\n      />\n      {width >= minWidthToDisplay && (\n
<foreignObject\n        width={width}\n        height={height}\n        className={styles.ForeignObject}\n
style={{\n          paddingLeft: x < 0 ? -x : 0,\n          opacity: isDimmed ? 0.75 : 1,\n          display: width <
minWidthToDisplay ? 'none' : 'block',\n        }}\n        y={0}>\n        <div className={styles.Div}
style={textStyle}>\n          {label}\n        </div>\n      </foreignObject>\n    )}\n    </g>\n  );\n}\n", "/*\n *
Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in
the\n * LICENSE file in the root directory of this source tree.\n * @flow\n *\n\nimport * as React from
'react';\nimport {Fragment, memo, useCallback, useContext} from 'react';\nimport {areEqual} from 'react-
window';\nimport {barWidthThreshold} from './constants';\nimport {getGradientColor} from './utils';\nimport
ChartNode from './ChartNode';\nimport {SettingsContext} from './Settings/SettingsContext';\nimport type
{ChartNode as ChartNodeType} from './FlamegraphChartBuilder';\nimport type {ItemData} from
'./CommitFlamegraph';\n\nexport type Props = {\n  data: ItemData,\n  index: number,\n  style: Object,\n  ...;\n};\n\nfunction
CommitFlamegraphListItem({data, index, style}: Props) {\n  const {\n    chartData,\n    onElementMouseEnter,\n
onElementMouseLeave,\n    scaleX,\n    selectedChartNode,\n    selectedChartNodeIndex,\n    selectFiber,\n
width,\n  } = data;\n  const {renderPathNodes, maxSelfDuration, rows} = chartData;\n\n  const {lineHeight} =
useContext(SettingsContext);\n\n  const handleClick = useCallback(\n    (event: SyntheticMouseEvent<*>, id:
number, name: string) => {\n      event.stopPropagation();\n      selectFiber(id, name);\n    },\n    [selectFiber],\n
);\n\n  const handleMouseEnter = (nodeData: ChartNodeType) => {\n    const {id, name} = nodeData;\n
onElementMouseEnter({id, name});\n  };\n\n  const handleMouseLeave = () => {\n    onElementMouseLeave();\n
};\n\n  // List items are absolutely positioned using the CSS "top" attribute.\n  // The "left" value will always be

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0.\n // Since height is fixed, and width is based on the node's duration,\n // We can ignore those values as well.\n
const top = parseInt(style.top, 10);\n\n const row = rows[index];\n\n const selectedNodeOffset = scaleX(\n
selectedChartNode !== null ? selectedChartNode.offset : 0,\n width,\n );\n\n return (\n <Fragment>\n
{row.map(chartNode => {\n const {\n didRender,\n id,\n label,\n name,\n offset,\n
selfDuration,\n treeBaseDuration,\n } = chartNode;\n\n const nodeOffset = scaleX(offset, width);\n
const nodeWidth = scaleX(treeBaseDuration, width);\n\n // Filter out nodes that are too small to see or
click.\n // This also helps render large trees faster.\n if (nodeWidth < barWidthThreshold) {\n return
null;\n }\n\n // Filter out nodes that are outside of the horizontal window.\n if (\n nodeOffset +
nodeWidth < selectedNodeOffset ||\n nodeOffset > selectedNodeOffset + width\n ) {\n return null;\n
}\n\n let color = 'url(#didNotRenderPattern)';\n let textColor = 'var(--color-commit-did-not-render-
pattern-text)';\n if (didRender) {\n color = getGradientColor(selfDuration / maxSelfDuration);\n
textColor = 'var(--color-commit-gradient-text)';\n } else if (renderPathNodes.has(id)) {\n color = 'var(--
color-commit-did-not-render-fill)';\n textColor = 'var(--color-commit-did-not-render-fill-text)';\n }\n\n
return (\n <ChartNode\n color={color}\n height={lineHeight}\n isDimmed={index <
selectedChartNodeIndex}\n key={id}\n label={label}\n onClick={event => handleClick(event,
id, name)}\n onMouseEnter={() => handleMouseEnter(chartNode)}\n
onMouseLeave={handleMouseLeave}\n textStyle={{ color: textColor }}\n width={nodeWidth}\n
x={nodeOffset - selectedNodeOffset}\n y={top}\n />\n );\n\n }));\n\n </Fragment>\n
);\n\n\nexport default memo<Props>(CommitFlamegraphListItem, areEqual);\n\n", "/*\n * Copyright (c) Facebook,
Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in
the root directory of this source tree.\n *\n * @flow\n */\n\nexport const barWidthThreshold = 2;\nexport const
maxBarWidth = 30;\nexport const minBarWidth = 5;\n\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n
*\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this
source tree.\n *\n * @flow\n */\n\nimport * as React from 'react';\nimport {useContext} from 'react';\nimport
{enableProfilerChangedHookIndices} from 'react-devtools-feature-flags';\nimport {ProfilerContext} from
'../Profiler/ProfilerContext';\nimport {StoreContext} from '../context';\nimport styles from
'./WhatChanged.css';\n\nfunction hookIndicesToString(indices: Array<number>): string {\n // This is debatable but
I think 1-based might ake for a nicer UX.\n const numbers = indices.map(value => value + 1);\n\n switch
(numbers.length) {\n case 0:\n return 'No hooks changed';\n case 1:\n return `Hook ${numbers[0]}
changed`;\n case 2:\n return `Hooks ${numbers[0]} and ${numbers[1]} changed`;\n default:\n return
`Hooks ${numbers.slice(0, numbers.length - 1).join(', ')} and ${\n numbers[numbers.length - 1]\n }
changed`;\n }\n\n\n type Props = {\n fiberID: number,\n};\n\nexport default function WhatChanged({fiberID}:
Props) {\n const {profilerStore} = useContext(StoreContext);\n const {rootID, selectedCommitIndex} =
useContext(ProfilerContext);\n\n // TRICKY\n // Handle edge case where no commit is selected because of a min-
duration filter update.\n // If the commit index is null, suspending for data below would throw an error.\n // TODO
(ProfilerContext) This check should not be necessary.\n if (selectedCommitIndex === null) {\n return null;\n
}\n\n const {changeDescriptions} = profilerStore.getCommitData(\n ((rootID: any): number),\n
selectedCommitIndex,\n );\n\n if (changeDescriptions === null) {\n return null;\n }\n\n const changeDescription
= changeDescriptions.get(fiberID);\n if (changeDescription == null) {\n return null;\n }\n\n const {\n
context,\n didHooksChange,\n hooks,\n isFirstMount,\n props,\n state,\n } = changeDescription;\n\n if
(isFirstMount) {\n return (\n <div className={styles.Component}>\n <label
className={styles.Label}>Why did this render?</label>\n <div className={styles.Item}>\n This is the
first time the component rendered.\n </div>\n </div>\n );\n }\n\n const changes = [];\n\n if (context ===
true) {\n changes.push(\n <div key=\"context\" className={styles.Item}>\n • Context changed\n
</div>,\n );\n } else if (\n typeof context === 'object' &&\n context !== null &&\n context.length !== 0\n )
{\n changes.push(\n <div key=\"context\" className={styles.Item}>\n • Context changed:\n
{context.map(key => (\n <span key={key} className={styles.Key}>\n {key}\n </span>\n
))}\n </div>,\n );\n }\n\n if (didHooksChange) {\n if (enableProfilerChangedHookIndices &&

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```

Array.isArray(hooks)) {\n  changes.push(\n    <div key=\\"hooks\" className={styles.Item}>\n      •\n      {hookIndicesToString(hooks)}\n    </div>,\n  );\n } else {\n  changes.push(\n    <div key=\\"hooks\" className={styles.Item}>\n      • Hooks changed\n    </div>,\n  );\n }\n }\n\n if (props !== null && props.length !== 0) {\n  changes.push(\n    <div key=\\"props\" className={styles.Item}>\n      • Props changed:\n      {props.map(key => (\n        <span key={key} className={styles.Key}>\n          {key}\n        </span>\n      ))}\n    </div>,\n  );\n }\n\n if (state !== null && state.length !== 0) {\n  changes.push(\n    <div key=\\"state\" className={styles.Item}>\n      • State changed:\n      {state.map(key => (\n        <span key={key} className={styles.Key}>\n          {key}\n        </span>\n      ))}\n    </div>,\n  );\n }\n\n if (changes.length === 0) {\n  changes.push(\n    <div key=\\"nothing\" className={styles.Item}>\n      The parent component rendered.\n    </div>,\n  );\n }\n\n return (\n    <div className={styles.Component}>\n      <label className={styles.Label}>Why did this render?</label>\n      {changes}\n    </div>\n  );\n}\n\n"/>**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport * as React from 'react';\nimport {Fragment, useContext} from 'react';\nimport {ProfilerContext} from './ProfilerContext';\nimport {formatDuration} from './utils';\nimport WhatChanged from './WhatChanged';\nimport {StoreContext} from './context';\nimport styles from './HoveredFiberInfo.css';\nimport type {ChartNode} from './FlamegraphChartBuilder';\n\nexport type TooltipFiberData = {\n  id: number,\n  name: string,\n};\n\nexport type Props = {\n  fiberData: ChartNode,\n};\n\nexport default function HoveredFiberInfo({fiberData}: Props) {\n  const {profilerStore} = useContext(StoreContext);\n  const {rootID, selectedCommitIndex} = useContext(ProfilerContext);\n\n  const {id, name} = fiberData;\n  const {profilingCache} = profilerStore;\n\n  const commitIndices = profilingCache.getFiberCommits({\n    fiberID: ((id: any): number),\n    rootID: ((rootID: any): number),\n  });\n\n  let renderDurationInfo = null;\n  let i = 0;\n  for (i = 0; i < commitIndices.length; i++) {\n    const commitIndex = commitIndices[i];\n    if (selectedCommitIndex === commitIndex) {\n      const {\n        fiberActualDurations,\n        fiberSelfDurations,\n      } = profilerStore.getCommitData(((rootID: any): number), commitIndex);\n      const actualDuration = fiberActualDurations.get(id) || 0;\n      const selfDuration = fiberSelfDurations.get(id) || 0;\n      renderDurationInfo = (\n        <div key={commitIndex} className={styles.CurrentCommit}>\n          {formatDuration(selfDuration)}ms of {formatDuration(actualDuration)}ms\n        </div>\n      );\n      break;\n    }\n  }\n\n  return (\n    <Fragment>\n      <div className={styles.Toolbar}>\n        <div className={styles.Component}>{name}</div>\n      </div>\n      <div className={styles.Content}>\n        {renderDurationInfo || <div>Did not render.</div>}\n      <WhatChanged fiberID={((id: any): number)} />\n    </div>\n  );\n}\n\n"/>**\n * @flow\n */\n\nimport * as React from 'react';\nimport {useRef} from 'react';\nimport styles from './Tooltip.css';\n\nconst initialTooltipState = {height: 0, mouseX: 0, mouseY: 0, width: 0};\n\nexport default function Tooltip({children, className, label, style}: any) {\n  const containerRef = useRef(null);\n  const tooltipRef = useRef(null);\n\n  // update the position of the tooltip based on current mouse position\n  const updateTooltipPosition = (event: SyntheticMouseEvent<*>) => {\n    const element = tooltipRef.current;\n    if (element !== null) {\n      // first find the mouse position\n      const mousePosition = getMousePosition(containerRef.current, event);\n      // use the mouse position to find the position of tooltip\n      const {left, top} = getTooltipPosition(element, mousePosition);\n      // update tooltip position\n      element.style.left = left;\n      element.style.top = top;\n    }\n  }; \n\n  const onMouseMove = (event: SyntheticMouseEvent<*>) => {\n    updateTooltipPosition(event);\n  }; \n\n  const tooltipClassName = label === null ? styles.hidden : '';\n\n  return (\n    <div\n      className={styles.Container}\n      onMouseMove={onMouseMove}\n      ref={containerRef}>\n      <div\n        className={` ${styles.Tooltip} ${tooltipClassName} ${className || ''}`}\n        ref={tooltipRef}\n        style={style}>\n        {label}\n      </div>\n      {children}\n    </div>\n  );\n}\n\nconst TOOLTIP_OFFSET = 5;\n\n// Method used to find the position of the tooltip based on current mouse position\nfunction getTooltipPosition(element, mousePosition) {\n  const {height, mouseX, mouseY, width} = mousePosition;\n  let top = 0;\n  let left = 0;\n\n  if (mouseY + TOOLTIP_OFFSET + element.offsetHeight >= height) {\n    if (mouseY - TOOLTIP_OFFSET - element.offsetHeight > 0) {\n      top = `${mouseY - element.offsetHeight - TOOLTIP_OFFSET}px`;\n    } else {\n      top = '0px';\n    }\n  } else {\n    top = `${mouseY +

```



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TOOLTIP_OFFSET}px`;
}

if (mouseX + TOOLTIP_OFFSET + element.offsetWidth >= width) {
  if (mouseX - TOOLTIP_OFFSET - element.offsetWidth > 0) {
    left = `${mouseX - element.offsetWidth - TOOLTIP_OFFSET}px`;
  } else {
    left = '0px';
  }
} else {
  left = `${mouseX + TOOLTIP_OFFSET * 2}px`;
}

return {left, top};
}

// method used to find the current mouse position inside the
container
function getMousePosition(
  relativeContainer,
  mouseEvent: SyntheticMouseEvent<*>,
) {
  if (relativeContainer !== null) {
    // Position within the nearest position: relative container.
    let targetContainer = relativeContainer;
    while (targetContainer.parentElement !== null) {
      if (targetContainer.style.position === 'relative') {
        break;
      } else {
        targetContainer = targetContainer.parentElement;
      }
    }
  }

  const {height, left, top, width} = targetContainer.getBoundingClientRect();
  const mouseX = mouseEvent.clientX - left;
  const mouseY = mouseEvent.clientY - top;

  return {height, mouseX, mouseY, width};
} else {
  return initialTooltipState;
}
}

/**
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 *
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 * LICENSE file in the root directory of this source tree.
 */
import * as React from 'react';
import {forwardRef, useCallback, useContext, useMemo, useState} from 'react';
import AutoSizer from 'react-virtualized-auto-sizer';
import {FixedSizeList} from 'react-window';
import {ProfilerContext} from './ProfilerContext';
import NoCommitData from './NoCommitData';
import CommitFlamegraphListItem from './CommitFlamegraphListItem';
import HoveredFiberInfo from './HoveredFiberInfo';
import {scale} from './utils';
import {useHighlightNativeElement} from './hooks';
import {StoreContext} from './context';
import {SettingsContext} from './Settings/SettingsContext';
import Tooltip from './Tooltip';
import styles from './CommitFlamegraph.css';
import type {TooltipFiberData} from './HoveredFiberInfo';
import type {ChartData, ChartNode} from './FlamegraphChartBuilder';
import type {CommitTree} from './types';
export type ItemData = {
  chartData: ChartData,
  onElementMouseEnter: (fiberData: TooltipFiberData) => void,
  onElementMouseLeave: () => void,
  scaleX: (value: number, fallbackValue: number) => number,
  selectedChartNode: ChartNode | null,
  selectedChartNodeIndex: number,
  selectFiber: (id: number | null, name: string | null) => void,
  width: number,
};

export default function CommitFlamegraphAutoSizer(_: {}) {
  const {profilerStore} = useContext(StoreContext);
  const {rootID, selectedCommitIndex, selectFiber} = useContext(
    ProfilerContext,
  );
  const {profilingCache} = profilerStore;

  const deselectCurrentFiber = useCallback(
    (event => {
      event.stopPropagation();
      selectFiber(null, null);
    }),
    [selectFiber],
  );

  let commitTree: CommitTree | null = null;
  let chartData: ChartData | null = null;
  if (selectedCommitIndex !== null) {
    commitTree = profilingCache.getCommitTree({
      commitIndex: selectedCommitIndex,
      rootID: ((rootID: any): number),
    });
    chartData = profilingCache.getFlamegraphChartData({
      commitIndex: selectedCommitIndex,
      commitTree,
      rootID: ((rootID: any): number),
    });
  }

  if (commitTree !== null && chartData !== null && chartData.depth > 0) {
    return (
      <div className={styles.Container} onClick={deselectCurrentFiber}>
        <AutoSizer>
          ({[height, width]} => (
            // Force Flow types to avoid checking for `null` here because there's no static
            // proof that
            // by the time this render prop function is called, the values of the `let` variables have not
            // changed.
            <CommitFlamegraph
              chartData={((chartData: any): ChartData)}
              commitTree={((commitTree: any): CommitTree)}
              height={height}
              width={width}
            />
          ))
        </AutoSizer>
      </div>
    );
  } else {
    return <NoCommitData />;
  }
}

type Props = {
  chartData: ChartData,
  commitTree: CommitTree,
  height: number,
  width: number,
};

function CommitFlamegraph({chartData, commitTree, height, width}: Props) {
  const [hoveredFiberData, setHoveredFiberData] = useState<TooltipFiberData | null>(null);
  const [lineHeight] = useContext(SettingsContext);
  const {selectFiber, selectedFiberID} = useContext(ProfilerContext);
  const {highlightNativeElement, clearHighlightNativeElement} = useHighlightNativeElement();

  const selectedChartNodeIndex = useMemo<number>(() => {
    if (selectedFiberID === null) {
      return 0;
    }

    // The selected node might not be in the tree for this commit,
    // so it's important that we have a fallback plan.
    const depth = chartData.idToDepthMap.get(selectedFiberID);
    return depth !== undefined ? depth - 1 : 0;
  }, [chartData, selectedFiberID]);

  const selectedChartNode = useMemo(() => {
    if (selectedFiberID !== null)

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    return (
      chartData.rows[selectedChartNodeIndex].find(
        chartNode => chartNode.id ===
        selectedFiberID,
      ) || null
    );
  }, [chartData, selectedFiberID,
  selectedChartNodeIndex]);
  const handleElementMouseEnter = useCallback(
    ({id, name}) => {
      highlightNativeElement(id); // Highlight last hovered element.
      setHoveredFiberData({id, name}); // Set
      hovered fiber data for tooltip
    }, [highlightNativeElement]
  );
  const handleElementMouseLeave =
    useCallback(() => {
      clearHighlightNativeElement(); // clear highlighting of element on mouse leave
      setHoveredFiberData(null); // clear hovered fiber data for tooltip
    }, [clearHighlightNativeElement]);
  const itemData = useMemo<ItemData>(
    () => ({
      chartData,
      onElementMouseEnter:
        handleElementMouseEnter,
      onElementMouseLeave: handleElementMouseLeave,
      scaleX: scale(
        0,
        selectedChartNode !== null
          ? selectedChartNode.treeBaseDuration
          :
          chartData.baseDuration,
        0,
        width,
      ),
      selectedChartNode,
      selectedChartNodeIndex,
      selectFiber,
      width,
    }),
    [
      chartData,
      handleElementMouseEnter,
      handleElementMouseLeave,
      selectedChartNode,
      selectedChartNodeIndex,
      selectFiber,
      width,
    ]
  );
  // Tooltip used to show summary of fiber info on hover
  const tooltipLabel = useMemo(
    () => {
      hoveredFiberData !== null
        ? (
            <HoveredFiberInfo fiberData={hoveredFiberData} />
          ) : null,
      [hoveredFiberData]
    );
  return (
    <Tooltip label={tooltipLabel}>
      <FixedSizeList
        height={height}
        innerElementType={InnerElementType}
        itemCount={chartData.depth}
        itemData={itemData}
        itemSize={lineHeight}
        width={width}>
        {CommitFlamegraphListItem}
      </FixedSizeList>
      <Tooltip>
    );
  );
  const InnerElementType = forwardRef(
    ({children, ...rest}, ref) => (
      <svg ref={ref} {...rest}>
        <defs>
          <pattern
            id="didNotRenderPattern"
            patternUnits="userSpaceOnUse"
            width="4"
            height="4">
            <path
              d="M-1,1 l2,-2 M0,4
              l4,-4 M3,5 l2,-2"
              className={styles.PatternPath}
            />
          </pattern>
        </defs>
        {children}
      </svg>
    );
  );
  /**
   * Copyright (c) Facebook, Inc. and its affiliates.
   * This source code is licensed under the
   MIT license found in the
   LICENSE file in the root directory of this source tree.
   * @flow
   */
  import *
  as React from 'react';
  import {memo, useCallback, useContext} from 'react';
  import {areEqual} from 'react-
  window';
  import {minBarWidth} from './constants';
  import {getGradientColor} from './utils';
  import ChartNode
  from './ChartNode';
  import {SettingsContext} from './Settings/SettingsContext';
  import type {ItemData} from
  './CommitRanked';
  type Props = {
    data: ItemData,
    index: number,
    style: Object,
    ...
  };
  function
  CommitRankedListItem({data, index, style}: Props) {
    const {
      chartData,
      onElementMouseEnter,
      onElementMouseLeave,
      scaleX,
      selectedFiberIndex,
      selectFiber,
      width,
    } = data;
    const node =
      chartData.nodes[index];
    const {lineHeight} = useContext(SettingsContext);
    const handleClick =
      useCallback(
        (event) => {
          event.stopPropagation();
          const {id, name} = node;
          selectFiber(id,
            name);
        },
        [node, selectFiber]
      );
    const handleMouseEnter = () => {
      const {id, name} = node;
      onElementMouseEnter({id, name});
    };
    const handleMouseLeave = () => {
      onElementMouseLeave();
    };
    // List items are absolutely positioned using the CSS "top" attribute.
    // The "left" value will always be
    0.
    // Since height is fixed, and width is based on the node's duration,
    // We can ignore those values as well.
    const top = parseInt(style.top, 10);
    return (
      <ChartNode
        color={getGradientColor(
          node.value /
          chartData.maxValue)}
        height={lineHeight}
        isDimmed={index < selectedFiberIndex}
        key={node.id}
        label={node.label}
        onClick={handleClick}
        onMouseEnter={handleMouseEnter}
        onMouseLeave={handleMouseLeave}
        width={Math.max(
          minBarWidth,
          scaleX(node.value, width))}
        x={0}
        y={top}
      />
    );
  }
  export default memo<Props>(CommitRankedListItem, areEqual);
  /**
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   the
   LICENSE file in the root directory of this source tree.
   * @flow
   */
  import *
  as React from
  'react';
  import {useCallback, useContext, useMemo, useState} from 'react';
  import AutoSizer from 'react-
  virtualized-auto-sizer';
  import {FixedSizeList} from 'react-window';
  import {ProfilerContext} from
  './ProfilerContext';
  import NoCommitData from './NoCommitData';
  import CommitRankedListItem from
  './CommitRankedListItem';
  import HoveredFiberInfo from './HoveredFiberInfo';
  import {scale} from
  './utils';
  import {StoreContext} from './context';
  import {SettingsContext} from

```

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'./Settings/SettingsContext';\nimport {useHighlightNativeElement} from './hooks';\nimport Tooltip from
'./Tooltip';\n\nimport styles from './CommitRanked.css';\n\nimport type {TooltipFiberData} from
'./HoveredFiberInfo';\nimport type {ChartData} from './RankedChartBuilder';\nimport type {CommitTree} from
'./types';\n\nexport type ItemData = {\n  chartData: ChartData,\n  onElementMouseEnter: (fiberData:
TooltipFiberData) => void,\n  onElementMouseLeave: () => void,\n  scaleX: (value: number, fallbackValue:
number) => number,\n  selectedFiberID: number | null,\n  selectedFiberIndex: number,\n  selectFiber: (id: number |
null, name: string | null) => void,\n  width: number,\n};\n\nexport default function CommitRankedAutoSizer(_:
{||}) {\n  const {profilerStore} = useContext(StoreContext);\n  const {rootID, selectedCommitIndex, selectFiber} =
useContext(\n  ProfilerContext,\n  );\n  const {profilingCache} = profilerStore;\n\n  const deselectCurrentFiber =
useCallback(\n  event => {\n    event.stopPropagation();\n    selectFiber(null, null);\n  },\n  [selectFiber],\n  );\n\n  let commitTree: CommitTree | null = null;\n  let chartData: ChartData | null = null;\n  if
(selectedCommitIndex !== null) {\n    commitTree = profilingCache.getCommitTree({\n      commitIndex:
selectedCommitIndex,\n      rootID: ((rootID: any): number),\n    });\n\n    chartData =
profilingCache.getRankedChartData({\n      commitIndex: selectedCommitIndex,\n      commitTree,\n      rootID:
((rootID: any): number),\n    });\n  }\n\n  if (commitTree != null && chartData != null && chartData.nodes.length >
0) {\n    return (\n      <div className={styles.Container} onClick={deselectCurrentFiber}>\n        <AutoSizer>\n          ({height, width}) => (\n            <CommitRanked\n              chartData={((chartData: any): ChartData)}\n              commitTree={((commitTree: any): CommitTree)}\n              height={height}\n              width={width}\n            />\n          )\n        </AutoSizer>\n      </div>\n    );\n  } else {\n    return <NoCommitData />;\n  }\n}\n\nPropTypes Props
= {\n  chartData: ChartData,\n  commitTree: CommitTree,\n  height: number,\n  width: number,\n};\n\nfunction
CommitRanked({chartData, commitTree, height, width}: Props) {\n  const [\n    hoveredFiberData,\n    setHoveredFiberData,\n  ] = useState<TooltipFiberData | null>(null);\n  const {lineHeight} =
useContext(SettingsContext);\n  const {selectedFiberID, selectFiber} = useContext(ProfilerContext);\n  const {\n    highlightNativeElement,\n    clearHighlightNativeElement,\n  } = useHighlightNativeElement();\n\n  const
selectedFiberIndex = useMemo(\n    () => getNodeIndex(chartData, selectedFiberID),\n    [chartData,\n    selectedFiberID],\n  );\n\n  const handleElementMouseEnter = useCallback(\n    ({id, name}) => {\n      highlightNativeElement(id); // Highlight last hovered element.\n      setHoveredFiberData({id, name}); // Set
hovered fiber data for tooltip\n    },\n    [highlightNativeElement],\n  );\n\n  const handleElementMouseLeave =
useCallback(() => {\n    clearHighlightNativeElement(); // clear highlighting of element on mouse leave\n    setHoveredFiberData(null); // clear hovered fiber data for tooltip\n    }, [clearHighlightNativeElement]);\n\n  const
itemData = useMemo<ItemData>(\n    () => ({\n      chartData,\n      onElementMouseEnter:
handleElementMouseEnter,\n      onElementMouseLeave: handleElementMouseLeave,\n      scaleX: scale(0,\n      chartData.nodes[selectedFiberIndex].value, 0, width),\n      selectedFiberID,\n      selectedFiberIndex,\n      selectFiber,\n      width,\n    }),\n    [\n      chartData,\n      handleElementMouseEnter,\n      handleElementMouseLeave,\n      selectedFiberID,\n      selectedFiberIndex,\n      selectFiber,\n      width,\n    ],\n  );\n\n  // Tooltip used to show summary of fiber info on hover\n  const tooltipLabel = useMemo(\n    () =>{\n      hoveredFiberData !== null ? (\n        <HoveredFiberInfo fiberData={hoveredFiberData} />\n      ) : null,\n      [hoveredFiberData],\n    );\n\n  return (\n    <Tooltip label={tooltipLabel}>\n      <FixedSizeList\n        height={height}\n        innerElementType="svg"\n        itemCount={chartData.nodes.length}\n        itemData={itemData}\n        itemSize={lineHeight}\n        width={width}>\n        {CommitRankedListItem}\n      </FixedSizeList>\n    </Tooltip>\n  );\n}\n\nconst getNodeIndex = (chartData: ChartData, id: number | null): number
=> {\n  if (id === null) {\n    return 0;\n  }\n  const {nodes} = chartData;\n  for (let index = 0; index < nodes.length;\n  index++) {\n    if (nodes[index].id === id) {\n      return index;\n    }\n  }\n  return 0;\n};\n\n"/**\n * Copyright (c)
Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n *
LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport * as React from 'react';\nimport
{Fragment, useCallback, useContext} from 'react';\nimport {ProfilerContext} from './ProfilerContext';\nimport
styles from './RootSelector.css';\n\nexport default function RootSelector(_: {||}) {\n  const {profilingData, rootID,\n  setRootID} = useContext(ProfilerContext);\n\n  const options = [];\n  if (profilingData !== null) {\n

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profilingData.dataForRoots.forEach((dataForRoot, id) => {\n  options.push(\n    <option key={id}
value={id}>\n      {dataForRoot.displayName}\n    </option>,\n  );\n });\n }\n\n const handleChange =
useCallback(\n  ({currentTarget}) => {\n    setRootID(parseInt(currentTarget.value, 10));\n  },\n  [setRootID],\n );\n\n if (profilingData === null || profilingData.dataForRoots.size <= 1) {\n  // Don't take up visual
space if there's only one root.\n  return null;\n }\n\n return (\n  <Fragment>\n    <div
className={styles.Spacer} />\n    <select value={rootID} onChange={handleChange}>\n      {options}\n
</select>\n  </Fragment>\n );\n }\n\n", /*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source
code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n
* @flow\n */\n\nexport const DPR: number = window.devicePixelRatio || 1;\nexport const LABEL_SIZE =
80;\nexport const MARKER_HEIGHT = 20;\nexport const MARKER_TICK_HEIGHT = 8;\nexport const
FONT_SIZE = 10;\nexport const MARKER_TEXT_PADDING = 8;\nexport const
COLOR_HOVER_DIM_DELTA = 5;\nexport const TOP_ROW_PADDING = 4;\nexport const
NATIVE_EVENT_HEIGHT = 14;\nexport const SUSPENSE_EVENT_HEIGHT = 14;\nexport const
PENDING_SUSPENSE_EVENT_SIZE = 8;\nexport const REACT_EVENT_DIAMETER = 6;\nexport const
USER_TIMING_MARK_SIZE = 8;\nexport const REACT_MEASURE_HEIGHT = 14;\nexport const
BORDER_SIZE = 1 / DPR;\nexport const FLAMECHART_FRAME_HEIGHT = 14;\nexport const
TEXT_PADDING = 3;\nexport const SNAPSHOT_SCRUBBER_SIZE = 3;\n\nexport const INTERVAL_TIMES =
[\n  1,\n  2,\n  5,\n  10,\n  20,\n  50,\n  100,\n  200,\n  500,\n  1000,\n  2000,\n  5000,\n];\nexport const
MIN_INTERVAL_SIZE_PX = 70;\n\n// TODO Replace this with \"export let\" vars\nexport let COLORS = {\n
BACKGROUND: \"\",\n INTERNAL_MODULE_FRAME: \"\",\n INTERNAL_MODULE_FRAME_HOVER: \"\",\n
INTERNAL_MODULE_FRAME_TEXT: \"\",\n NATIVE_EVENT: \"\",\n NATIVE_EVENT_HOVER: \"\",\n
NETWORK_PRIMARY: \"\",\n NETWORK_PRIMARY_HOVER: \"\",\n NETWORK_SECONDARY: \"\",\n
NETWORK_SECONDARY_HOVER: \"\",\n PRIORITY_BACKGROUND: \"\",\n PRIORITY_BORDER: \"\",\n
PRIORITY_LABEL: \"\",\n USER_TIMING: \"\",\n USER_TIMING_HOVER: \"\",\n REACT_IDLE: \"\",\n
REACT_IDLE_HOVER: \"\",\n REACT_RENDER: \"\",\n REACT_RENDER_HOVER: \"\",\n
REACT_RENDER_TEXT: \"\",\n REACT_COMMIT: \"\",\n REACT_COMMIT_HOVER: \"\",\n
REACT_COMMIT_TEXT: \"\",\n REACT_LAYOUT_EFFECTS: \"\",\n REACT_LAYOUT_EFFECTS_HOVER: \"\",\n
REACT_LAYOUT_EFFECTS_TEXT: \"\",\n REACT_PASSIVE_EFFECTS: \"\",\n
REACT_PASSIVE_EFFECTS_HOVER: \"\",\n REACT_PASSIVE_EFFECTS_TEXT: \"\",\n
REACT_RESIZE_BAR: \"\",\n REACT_RESIZE_BAR_ACTIVE: \"\",\n REACT_RESIZE_BAR_BORDER: \"\",\n
REACT_RESIZE_BAR_DOT: \"\",\n REACT_SCHEDULE: \"\",\n REACT_SCHEDULE_HOVER: \"\",\n
REACT_SUSPENSE_REJECTED_EVENT: \"\",\n REACT_SUSPENSE_REJECTED_EVENT_HOVER: \"\",\n
REACT_SUSPENSE_RESOLVED_EVENT: \"\",\n REACT_SUSPENSE_RESOLVED_EVENT_HOVER: \"\",\n
REACT_SUSPENSE_UNRESOLVED_EVENT: \"\",\n REACT_SUSPENSE_UNRESOLVED_EVENT_HOVER:
\"\",\n REACT_THROWN_ERROR: \"\",\n REACT_THROWN_ERROR_HOVER: \"\",\n REACT_WORK_BORDER:
\"\",\n SCROLL_CARET: \"\",\n SCRUBBER_BACKGROUND: \"\",\n SCRUBBER_BORDER: \"\",\n
SEARCH_RESULT_FILL: \"\",\n TEXT_COLOR: \"\",\n TEXT_DIM_COLOR: \"\",\n TIME_MARKER_LABEL: \"\",\n
WARNING_BACKGROUND: \"\",\n WARNING_BACKGROUND_HOVER: \"\",\n WARNING_TEXT: \"\",\n
WARNING_TEXT_INVERED: \"\",\n};\n\nexport function updateColorsToMatchTheme(element: Element): boolean
{\n  const computedStyle = getComputedStyle(element);\n  // Check to see if styles have been initialized...\n  if
(computedStyle.getPropertyValue('--color-background') === null) {\n    return false;\n  }\n\n  COLORS = {\n
BACKGROUND: computedStyle.getPropertyValue('--color-background'),\n INTERNAL_MODULE_FRAME:
computedStyle.getPropertyValue(\n  '--color-timeline-internal-module',\n ),\n
INTERNAL_MODULE_FRAME_HOVER: computedStyle.getPropertyValue(\n  '--color-timeline-internal-
module-hover',\n ),\n INTERNAL_MODULE_FRAME_TEXT: computedStyle.getPropertyValue(\n  '--color-
timeline-internal-module-text',\n ),\n NATIVE_EVENT: computedStyle.getPropertyValue(\n  '--color-
timeline-native-event',\n ),\n NATIVE_EVENT_HOVER: computedStyle.getPropertyValue(\n  '--color-
timeline-native-event-hover',\n ),\n NETWORK_PRIMARY: computedStyle.getPropertyValue(\n  '--color-

```

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timeline-network-primary',\n ),\n NETWORK_PRIMARY_HOVER: computedStyle.getPropertyValue(\n '--
color-timeline-network-primary-hover',\n ),\n NETWORK_SECONDARY: computedStyle.getPropertyValue(\n
'--color-timeline-network-secondary',\n ),\n NETWORK_SECONDARY_HOVER:
computedStyle.getPropertyValue(\n '--color-timeline-network-secondary-hover',\n ),\n
PRIORITY_BACKGROUND: computedStyle.getPropertyValue(\n '--color-timeline-priority-background',\n
),\n PRIORITY_BORDER: computedStyle.getPropertyValue(\n '--color-timeline-priority-border',\n ),\n
PRIORITY_LABEL: computedStyle.getPropertyValue('--color-text'),\n USER_TIMING:
computedStyle.getPropertyValue('--color-timeline-user-timing'),\n USER_TIMING_HOVER:
computedStyle.getPropertyValue(\n '--color-timeline-user-timing-hover',\n ),\n REACT_IDLE:
computedStyle.getPropertyValue('--color-timeline-react-idle'),\n REACT_IDLE_HOVER:
computedStyle.getPropertyValue(\n '--color-timeline-react-idle-hover',\n ),\n REACT_RENDER:
computedStyle.getPropertyValue(\n '--color-timeline-react-render',\n ),\n REACT_RENDER_HOVER:
computedStyle.getPropertyValue(\n '--color-timeline-react-render-hover',\n ),\n REACT_RENDER_TEXT:
computedStyle.getPropertyValue(\n '--color-timeline-react-render-text',\n ),\n REACT_COMMIT:
computedStyle.getPropertyValue(\n '--color-timeline-react-commit',\n ),\n REACT_COMMIT_HOVER:
computedStyle.getPropertyValue(\n '--color-timeline-react-commit-hover',\n ),\n REACT_COMMIT_TEXT:
computedStyle.getPropertyValue(\n '--color-timeline-react-commit-text',\n ),\n
REACT_LAYOUT_EFFECTS: computedStyle.getPropertyValue(\n '--color-timeline-react-layout-effects',\n
),\n REACT_LAYOUT_EFFECTS_HOVER: computedStyle.getPropertyValue(\n '--color-timeline-react-
layout-effects-hover',\n ),\n REACT_LAYOUT_EFFECTS_TEXT: computedStyle.getPropertyValue(\n '--
color-timeline-react-layout-effects-text',\n ),\n REACT_PASSIVE_EFFECTS:
computedStyle.getPropertyValue(\n '--color-timeline-react-passive-effects',\n ),\n
REACT_PASSIVE_EFFECTS_HOVER: computedStyle.getPropertyValue(\n '--color-timeline-react-passive-
effects-hover',\n ),\n REACT_PASSIVE_EFFECTS_TEXT: computedStyle.getPropertyValue(\n '--color-
timeline-react-passive-effects-text',\n ),\n REACT_RESIZE_BAR: computedStyle.getPropertyValue('--color-
resize-bar'),\n REACT_RESIZE_BAR_ACTIVE: computedStyle.getPropertyValue(\n '--color-resize-bar-
active',\n ),\n REACT_RESIZE_BAR_BORDER: computedStyle.getPropertyValue(\n '--color-resize-bar-
border',\n ),\n REACT_RESIZE_BAR_DOT: computedStyle.getPropertyValue(\n '--color-resize-bar-dot',\n
),\n REACT_SCHEDULE: computedStyle.getPropertyValue(\n '--color-timeline-react-schedule',\n ),\n
REACT_SCHEDULE_HOVER: computedStyle.getPropertyValue(\n '--color-timeline-react-schedule-hover',\n
),\n REACT_SUSPENSE_REJECTED_EVENT: computedStyle.getPropertyValue(\n '--color-timeline-react-
suspense-rejected',\n ),\n REACT_SUSPENSE_REJECTED_EVENT_HOVER:
computedStyle.getPropertyValue(\n '--color-timeline-react-suspense-rejected-hover',\n ),\n
REACT_SUSPENSE_RESOLVED_EVENT: computedStyle.getPropertyValue(\n '--color-timeline-react-
suspense-resolved',\n ),\n REACT_SUSPENSE_RESOLVED_EVENT_HOVER:
computedStyle.getPropertyValue(\n '--color-timeline-react-suspense-resolved-hover',\n ),\n
REACT_SUSPENSE_UNRESOLVED_EVENT: computedStyle.getPropertyValue(\n '--color-timeline-react-
suspense-unresolved',\n ),\n REACT_SUSPENSE_UNRESOLVED_EVENT_HOVER:
computedStyle.getPropertyValue(\n '--color-timeline-react-suspense-unresolved-hover',\n ),\n
REACT_THROWN_ERROR: computedStyle.getPropertyValue(\n '--color-timeline-thrown-error',\n ),\n
REACT_THROWN_ERROR_HOVER: computedStyle.getPropertyValue(\n '--color-timeline-thrown-error-
hover',\n ),\n REACT_WORK_BORDER: computedStyle.getPropertyValue(\n '--color-timeline-react-work-
border',\n ),\n SCROLL_CARET: computedStyle.getPropertyValue('--color-scroll-caret'),\n
SCRUBBER_BACKGROUND: computedStyle.getPropertyValue(\n '--color-timeline-react-suspense-rejected',\n
),\n SEARCH_RESULT_FILL: computedStyle.getPropertyValue(\n '--color-timeline-react-suspense-
rejected',\n ),\n SCRUBBER_BORDER: computedStyle.getPropertyValue(\n '--color-timeline-text-color',\n
),\n TEXT_COLOR: computedStyle.getPropertyValue('--color-timeline-text-color'),\n TEXT_DIM_COLOR:
computedStyle.getPropertyValue(\n '--color-timeline-text-dim-color',\n ),\n TIME_MARKER_LABEL:

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computedStyle.getPropertyValue('--color-text'),\n  WARNING_BACKGROUND:
computedStyle.getPropertyValue(\n  '--color-warning-background',\n  ),\n
WARNING_BACKGROUND_HOVER: computedStyle.getPropertyValue(\n  '--color-warning-background-
hover',\n  ),\n  WARNING_TEXT: computedStyle.getPropertyValue('--color-warning-text-color'),\n
WARNING_TEXT_INVERED: computedStyle.getPropertyValue(\n  '--color-warning-text-color-inverted',\n
),\n  );\n\n  return true;\n}\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is
licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *
*\n * @flow\n */\n\nimport * as React from 'react';\nimport {useCallback, useRef} from 'react';\nimport Button from
'react-devtools-shared/src/devtools/views/Button';\nimport ButtonIcon from 'react-devtools-
shared/src/devtools/views/ButtonIcon';\nimport styles from './ImportButton.css';\n\ntype Props = {\n  children?:
mixed,\n  onFileSelect: (file: File) => void,\n};\n\nexport default function ImportButton({children = null,
onFileSelect}: Props) {\n  const inputRef = useRef<HTMLInputElement | null>(null);\n  const handleFiles =
useCallback(() => {\n    const input = inputRef.current;\n    if (input === null) {\n      return;\n    }\n    if
(input.files.length > 0) {\n      onFileSelect(input.files[0]);\n    }\n    // Reset input element to allow the same file to
be re-imported\n    input.value = '';\n  }, [onFileSelect]);\n\n  const uploadData = useCallback(() => {\n    if
(inputRef.current !== null) {\n      inputRef.current.click();\n    }\n  }, []);\n\n  return (\n    <\n      <input\n
ref={inputRef}\n      className={styles.Input}\n      type="file"\n      accept=".json"\n
onChange={handleFiles}\n      tabIndex=-1\n    />\n    <Button onClick={uploadData} title="Load
profile...">\n      <ButtonIcon type="import" />\n      {children}\n    </Button>\n  </>\n  );\n\n  },\n  "function
areInputsEqual(newInputs, lastInputs) {\n    if (newInputs.length !== lastInputs.length) {\n      return false;\n    }\n
for (var i = 0; i < newInputs.length; i++) {\n      if (newInputs[i] !== lastInputs[i]) {\n        return false;\n      }\n
}\n    return true;\n  }\n\n  function memoizeOne(resultFn, isEqual) {\n    if (isEqual === void 0) {\n      isEqual =
areInputsEqual;\n    }\n    var lastThis;\n    var lastArgs = [];\n    var lastResult;\n    var calledOnce = false;\n    function
memoized() {\n      var newArgs = [];\n      for (var _i = 0; _i < arguments.length; _i++) {\n        newArgs[_i] =
arguments[_i];\n      }\n      if (calledOnce && lastThis === this && isEqual(newArgs, lastArgs)) {\n
return lastResult;\n      }\n      lastResult = resultFn.apply(this, newArgs);\n      calledOnce = true;\n      lastThis
= this;\n      lastArgs = newArgs;\n      return lastResult;\n    }\n    return memoized;\n  }\n\n  export default
memoizeOne;\n  },\n  "/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under
the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n * This\n * @flow\n */\n\nexport
type Point = $ReadOnly<{|x: number, y: number}>;\nexport type Size = $ReadOnly<{|width: number, height:
number}>;\nexport type IntrinsicSize = {\n  ...Size,\n  // If content is this height or less, hide the scrollbar
entirely,\n  // so that it doesn't take up vertical space unnecessarily (e.g. for a single row of content).\n
hideScrollBarIfLessThanHeight?: number,\n  // The initial height should be the height of the content, or this,
whichever is less.\n  maxInitialHeight?: number,\n};\n\nexport type Rect = $ReadOnly<{|origin: Point, size:
Size}>;\n\n/**\n * Alternative representation of `Rect`.\n * A tuple of (`top`, `right`, `bottom`, `left`) coordinates.\n
*/\n\ntype Box = [number, number, number, number];\n\nexport const zeroPoint: Point = Object.freeze({x: 0, y:
0});\nexport const zeroSize: Size = Object.freeze({width: 0, height: 0});\nexport const zeroRect: Rect =
Object.freeze({\n  origin: zeroPoint,\n  size: zeroSize,\n});\n\nexport function pointEqualToPoint(point1: Point,
point2: Point): boolean {\n  return point1.x === point2.x && point1.y === point2.y;\n}\n\nexport function
sizeEqualToSize(size1: Size, size2: Size): boolean {\n  return size1.width === size2.width && size1.height ===
size2.height;\n}\n\nexport function rectEqualToRect(rect1: Rect, rect2: Rect): boolean {\n  return (\n    pointEqualToPoint(rect1.origin, rect2.origin) &&\n    sizeEqualToSize(rect1.size, rect2.size)\n  );\n}\n\nexport
function sizeIsValid({width, height}: Size): boolean {\n  return width >= 0 && height >= 0;\n}\n\nexport function
sizeIsEmpty({width, height}: Size): boolean {\n  return width <= 0 || height <= 0;\n}\n\nfunction rectToBox(rect:
Rect): Box {\n  const top = rect.origin.y;\n  const right = rect.origin.x + rect.size.width;\n  const bottom =
rect.origin.y + rect.size.height;\n  const left = rect.origin.x;\n  return [top, right, bottom, left];\n}\n\nfunction
boxToRect(box: Box): Rect {\n  const [top, right, bottom, left] = box;\n  return {\n    origin: {\n      x: left,\n      y:
top,\n    },\n    size: {\n      width: right - left,\n      height: bottom - top,\n    },\n  };\n}\n\nexport function

```

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rectIntersectsRect(rect1: Rect, rect2: Rect): boolean {\n if (\n  rect1.size.width === 0 ||\n  rect1.size.height === 0
||\n  rect2.size.width === 0 ||\n  rect2.size.height === 0)\n ) {\n  return false;\n }\n\n const [top1, right1,
bottom1, left1] = rectToBox(rect1);\n const [top2, right2, bottom2, left2] = rectToBox(rect2);\n return !(\n  right1
< left2 ||\n  right2 < left1 ||\n  bottom1 < top2 ||\n  bottom2 < top1\n );\n}\n\n/**\n * Returns the intersection of
the 2 rectangles.\n *\n * Prerequisite: `rect1` must intersect with `rect2`.\n */\n\nexport function
intersectionOfRects(rect1: Rect, rect2: Rect): Rect {\n const [top1, right1, bottom1, left1] = rectToBox(rect1);\n
const [top2, right2, bottom2, left2] = rectToBox(rect2);\n return boxToRect([\n  Math.max(top1, top2),\n
Math.min(right1, right2),\n  Math.min(bottom1, bottom2),\n  Math.max(left1, left2),\n  ]);\n}\n\nexport function
rectContainsPoint({x, y}: Point, rect: Rect): boolean {\n const [top, right, bottom, left] = rectToBox(rect);\n return
left <= x && x <= right && top <= y && y <= bottom;\n}\n\n/**\n * Returns the smallest rectangle that contains all
provided rects.\n *\n * @returns Union of `rects`. If `rects` is empty, returns `zeroRect`.\n */\n\nexport function
unionOfRects(...rects: Rect[]): Rect {\n if (rects.length === 0) {\n  return zeroRect;\n }\n\n const [firstRect,
...remainingRects] = rects;\n const boxUnion = remainingRects\n  .map(rectToBox)\n
.reduce((intermediateUnion, nextBox): Box => {\n  const [unionTop, unionRight, unionBottom, unionLeft] =
intermediateUnion;\n  const [nextTop, nextRight, nextBottom, nextLeft] = nextBox;\n  return [\n
Math.min(unionTop, nextTop),\n  Math.max(unionRight, nextRight),\n  Math.max(unionBottom,
nextBottom),\n  Math.min(unionLeft, nextLeft),\n  ];\n }, rectToBox(firstRect));\n return
boxToRect(boxUnion);\n}\n\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is
licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n */\n\n *\n @flow\n */\n\nimport type {Interaction} from './useCanvasInteraction';\nimport type {Size} from
 './geometry';\n\nimport memoize from 'memoize-one';\n\nimport {View} from './View';\nimport {zeroPoint} from
 './geometry';\n\nimport {DPR} from './content-views/constants';\n\nexport type ViewRefs = {\n  activeView: View |
null,\n  hoveredView: View | null,\n};\n\n// hidpi canvas:
https://www.html5rocks.com/en/tutorials/canvas/hidpi/\n\nfunction configureRetinaCanvas(canvas, height, width) {\n
canvas.width = width * DPR;\n canvas.height = height * DPR;\n canvas.style.width = `${width}px`;\n
canvas.style.height = `${height}px`;\n}\n\nconst getCanvasContext = memoize(\n (\n  canvas:
HTMLCanvasElement,\n  height: number,\n  width: number,\n  scaleCanvas: boolean = true,\n ):
CanvasRenderingContext2D => {\n  const context = canvas.getContext('2d', {alpha: false});\n  if (scaleCanvas)
{\n    configureRetinaCanvas(canvas, height, width);\n    // Scale all drawing operations by the dpr, so you don't
have to worry about the difference.\n    context.scale(DPR, DPR);\n  }\n  return context;\n },\n);\n\nntype
ResetHoveredEventFn = () => void;\n\n/**\n * Represents the canvas surface and a view heirarchy. A surface is also
the\n * place where all interactions enter the view heirarchy.\n */\n\nexport class Surface {\n  rootView: ?View;\n  _context: ?CanvasRenderingContext2D;\n  _canvasSize: ?Size;\n\n  _resetHoveredEvent:
ResetHoveredEventFn;\n\n  _viewRefs: ViewRefs = {\n    activeView: null,\n    hoveredView: null,\n  };\n\n  constructor(resetHoveredEvent: ResetHoveredEventFn) {\n    this._resetHoveredEvent = resetHoveredEvent;\n
  }\n\n  hasActiveView(): boolean {\n    return this._viewRefs.activeView !== null;\n  }\n\n  setCanvas(canvas:
HTMLCanvasElement, canvasSize: Size) {\n    this._context = getCanvasContext(\n      canvas,\n
      canvasSize.height,\n      canvasSize.width,\n    );\n    this._canvasSize = canvasSize;\n\n    if (this.rootView) {\n
this.rootView.setNeedsDisplay();\n  }\n  }\n\n  displayIfNeeded() {\n    const {rootView, _canvasSize, _context} =
this;\n    if (!rootView || !_context || !_canvasSize) {\n      return;\n    }\n    rootView.setFrame({\n      origin:
zeroPoint,\n      size: _canvasSize,\n    });\n    rootView.setVisibleArea({\n      origin: zeroPoint,\n      size:
_canvasSize,\n    });\n    rootView.displayIfNeeded(_context, this._viewRefs);\n  }\n\n  getCurrentCursor(): string |
null {\n    const {activeView, hoveredView} = this._viewRefs;\n    if (activeView !== null) {\n      return
activeView.currentCursor;\n    } else if (hoveredView !== null) {\n      return hoveredView.currentCursor;\n    } else
{\n      return null;\n    }\n  }\n\n  handleInteraction(interaction: Interaction) {\n    const rootView = this.rootView;\n
if (rootView !== null) {\n      const viewRefs = this._viewRefs;\n      switch (interaction.type) {\n        case
'mousemove':\n        case 'wheel-control':\n        case 'wheel-meta':\n        case 'wheel-plain':\n        case 'wheel-
shift':\n          // Clean out the hovered view before processing this type of interaction.\n          const hoveredView =

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viewRefs.hoveredView;
      viewRefs.hoveredView = null;
    }

    rootView.handleInteractionAndPropagateToSubviews(
      interaction,
      viewRefs,
    );

    // If a previously hovered view is no longer hovered, update the outer state.
    if (hoveredView !== null && viewRefs.hoveredView === null) {
      this._resetHoveredEvent();
      break;
    }

    rootView.handleInteractionAndPropagateToSubviews(
      interaction,
      viewRefs,
    );
  }
}

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 */

@flow
import type {Rect} from './geometry';
import type {View} from './View';

export type LayoutInfo = {
  view: View,
  frame: Rect,
};

export type Layout = LayoutInfo[];

// A function that takes a list of subviews, currently laid out in `existingLayout`, and lays them out into `containingFrame`.
export type Layouter = (
  existingLayout: Layout,
  containingFrame: Rect,
) => Layout;

function viewToLayoutInfo(view: View): LayoutInfo {
  return {view, frame: view.frame};
}

export function viewsToLayout(views: View[]): Layout {
  return views.map(viewToLayoutInfo);
}

// Applies `layout`'s `frame`s to its corresponding `view`.
export function collapseLayoutIntoViews(layout: Layout) {
  layout.forEach(({view, frame}) => view.setFrame(frame));
}

// A no-operation layout; does not modify the layout.
export const noopLayout: Layouter = layout => layout;

// Layer views on top of each other. All views' frames will be set to `containerFrame`.
// Equivalent to composing:
// - `alignToContainerXLayout`,
// - `alignToContainerYLayout`,
// - `containerWidthLayout`, and
// - `containerHeightLayout`.
export const layeredLayout: Layouter = (layout, containerFrame) => {
  return layout.map(layoutInfo => ({...layoutInfo, frame: containerFrame}));
}

// Stacks `views` vertically in `frame`. All views in `views` will have their widths set to the frame's width.
export const verticallyStackedLayout: Layouter = (layout, containerFrame) => {
  let currentY = containerFrame.origin.y;
  return layout.map(layoutInfo => {
    const desiredSize = layoutInfo.view.desiredSize();
    const height = desiredSize ? desiredSize.height : containerFrame.size.height - currentY;
    const proposedFrame = {
      origin: {x: containerFrame.origin.x, y: currentY},
      size: {width: containerFrame.size.width, height},
    };
    currentY += height;
    return {...layoutInfo, frame: proposedFrame};
  });
}

// A layouter that aligns all frames' lefts to the container frame's left.
export const alignToContainerXLayout: Layouter = (layout, containerFrame) => {
  return layout.map(layoutInfo => ({
    ...layoutInfo,
    frame: {
      origin: {x: containerFrame.origin.x, y: layoutInfo.frame.origin.y},
      size: layoutInfo.frame.size,
    },
  }));
}

// A layouter that aligns all frames' tops to the container frame's top.
export const alignToContainerYLayout: Layouter = (layout, containerFrame) => {
  return layout.map(layoutInfo => ({
    ...layoutInfo,
    frame: {
      origin: {x: layoutInfo.frame.origin.x, y: containerFrame.origin.y},
      size: layoutInfo.frame.size,
    },
  }));
}

// A layouter that sets all frames' widths to `containerFrame.size.width`.
export const containerWidthLayout: Layouter = (layout, containerFrame) => {
  return layout.map(layoutInfo => ({
    ...layoutInfo,
    frame: {
      origin: layoutInfo.frame.origin,
      size: {width: containerFrame.size.width, height: layoutInfo.frame.size.height},
    },
  }));
}

// A layouter that sets all frames' heights to `containerFrame.size.height`.
export const containerHeightLayout: Layouter = (layout, containerFrame) => {
  return layout.map(layoutInfo => ({
    ...layoutInfo,
    frame: {
      origin: layoutInfo.frame.origin,
      size: {width: layoutInfo.frame.size.width, height: containerFrame.size.height},
    },
  }));
}

// A layouter that sets all frames' heights to the desired height of its view.
// If the view has no desired size, the frame's height is set to 0.
export const desiredHeightLayout: Layouter = layout => {
  return layout.map(layoutInfo => {
    const desiredSize = layoutInfo.view.desiredSize();
    const height = desiredSize ? desiredSize.height : 0;
    return {...layoutInfo, frame: {
      origin: layoutInfo.frame.origin,
      size: {width: layoutInfo.frame.size.width, height},
    },
  });
}

// A layouter that sets all frames' heights to the height of the tallest frame.
export const uniformMaxSubviewHeightLayout: Layouter = layout => {
  const maxHeight = Math.max(...layout.map(layoutInfo => layoutInfo.frame.size.height));
}

```



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return layout.map(layoutInfo => ({\n  ...layoutInfo,\n  frame: {\n    origin: layoutInfo.frame.origin,\n    size: {\n      width: layoutInfo.frame.size.width,\n      height: maxHeight,\n    },\n  },\n}));\n\n/**\n * A layouter that sets heights in this fashion:\n * - If a frame's height >= `containerFrame.size.height`, the frame is left unchanged.\n * - Otherwise, sets the frame's height to `containerFrame.size.height`.\n */\nexport const\natLeastContainerHeightLayout: Layouter = (\n  layout,\n  containerFrame,\n) => {\n  return layout.map(layoutInfo\n=> ({\n  ...layoutInfo,\n  frame: {\n    origin: layoutInfo.frame.origin,\n    size: {\n      width:\nlayoutInfo.frame.size.width,\n      height: Math.max(\n        containerFrame.size.height,\nlayoutInfo.frame.size.height,\n      ),\n    },\n  },\n}));\n}\n\n/**\n * Create a layouter that applies each layouter in `layouters` in sequence.\n */\nexport function createComposedLayout(...layouters: Layouter[]): Layouter {\n  if (layouters.length === 0) {\n    return noopLayout;\n  }\n\n  const composedLayout: Layouter = (layout,\n  containerFrame) => {\n    return layouters.reduce(\n      (intermediateLayout, layouter) =>{\n        layouter(intermediateLayout, containerFrame),\n      },\n      layout,\n    );\n  }\n\n  return composedLayout;\n}\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n */\n\n@flow\n\nimport type {Interaction} from './useCanvasInteraction';\nimport type {IntrinsicSize, Rect, Size} from './geometry';\nimport type {Layouter} from './layouter';\nimport type {ViewRefs} from './Surface';\nimport {Surface} from './Surface';\nimport {\n  rectEqualToRect,\n  intersectionOfRects,\n  rectIntersectsRect,\n  sizeIsEmpty,\n  sizeIsValid,\n  unionOfRects,\n  zeroRect,\n} from './geometry';\nimport {noopLayout, viewsToLayout, collapseLayoutIntoViews} from './layouter';\n\n/**\n * Base view class that can be subclassed to draw custom content or manage\n * subclasses.\n */\nexport class View {\n  _backgroundColor: string | null;\n\n  currentCursor: string | null = null;\n\n  surface: Surface;\n\n  frame: Rect;\n  visibleArea: Rect;\n\n  superview: ?View;\n  subviews: View[] = [];\n\n  /**\n   * An injected function that lays out our subviews.\n   * @private\n   */\n  _layouter: Layouter;\n\n  /**\n   * Whether this view needs to be drawn.\n   * NOTE: Do not set directly! Use `setNeedsDisplay`.\n   * @see setNeedsDisplay\n   * @private\n   */\n  _needsDisplay = true;\n\n  /**\n   * Whether the hierarchy below this view has subviews that need display.\n   * NOTE: Do not set directly! Use `setSubviewsNeedDisplay`.\n   * @see setSubviewsNeedDisplay\n   * @private\n   */\n  _subviewsNeedDisplay = false;\n\n  constructor(\n    surface: Surface,\n    frame: Rect,\n    layouter: Layouter = noopLayout,\n    visibleArea: Rect = frame,\n    backgroundColor?: string | null = null,\n  ) {\n    this._backgroundColor = backgroundColor || null;\n    this.surface = surface;\n    this.frame = frame;\n    this._layouter = layouter;\n    this.visibleArea = visibleArea;\n  }\n\n  /**\n   * Invalidates view's contents.\n   * NOTE: Downward propagating; once called, all subviews of this view should also\n   * be invalidated.\n   */\n  setNeedsDisplay() {\n    this._needsDisplay = true;\n    if (this.superview) {\n      this.superview._setSubviewsNeedDisplay();\n    }\n    this.subviews.forEach(subview =>\n      subview.setNeedsDisplay());\n  }\n\n  /**\n   * Informs superview that it has subviews that need to be drawn.\n   * Upward propagating; once called, all supervIEWS of this view should also\n   * have `subviewsNeedDisplay` = true.\n   * @private\n   */\n  _setSubviewsNeedDisplay() {\n    this._subviewsNeedDisplay = true;\n    if (this.superview) {\n      this.superview._setSubviewsNeedDisplay();\n    }\n  }\n\n  setFrame(newFrame: Rect) {\n    if (!rectEqualToRect(this.frame, newFrame)) {\n      this.frame = newFrame;\n      if (sizeIsValid(newFrame.size)) {\n        this.frame = newFrame;\n      } else {\n        this.frame = zeroRect;\n      }\n      this.setNeedsDisplay();\n    }\n  }\n\n  setVisibleArea(newVisibleArea: Rect) {\n    if (!rectEqualToRect(this.visibleArea, newVisibleArea)) {\n      if (sizeIsValid(newVisibleArea.size)) {\n        this.visibleArea = newVisibleArea;\n      } else {\n        this.visibleArea = zeroRect;\n      }\n      this.setNeedsDisplay();\n    }\n  }\n\n  /**\n   * A size that can be used as a hint by layout functions.\n   * Implementations should typically return the intrinsic content size or a\n   * size that fits all the view's content.\n   * The default implementation returns a size that fits all the view's\n   * subviews.\n   * Can be overridden by subclasses.\n   */\n  desiredSize(): Size | IntrinsicSize {\n    if (this._needsDisplay) {\n      this.layoutSubviews();\n    }\n    const frames = this.subviews.map(subview =>\n      subview.frame);\n    return unionOfRects(...frames).size;\n  }\n\n  /**\n   * Appends `view` to the list of this view's `subviews`.\n   */\n  addSubview(view: View) {\n    if (this.subviews.includes(view)) {\n      return;\n    }\n    this.subviews.push(view);\n    view.superview = this;\n  }\n\n  /**\n   * Breaks the subview-superview relationship

```

```

between `view` and this view, if\n * `view` is a subview of this view.\n */\n removeSubview(view: View) {\n
const subviewIndex = this.subviews.indexOf(view);\n if (subviewIndex === -1) {\n return;\n }\n
view.superview = undefined;\n this.subviews.splice(subviewIndex, 1);\n }\n\n /**\n * Removes all subviews
from this view.\n */\n removeAllSubviews() {\n this.subviews.forEach(subview => (subview.superview =
undefined));\n this.subviews = [];\n }\n\n /**\n * Executes the display flow if this view needs to be drawn.\n
*\n * 1. Lays out subviews with `layoutSubviews`.\n * 2. Draws content with `draw`.\n */\n
displayIfNeeded(context: CanvasRenderingContext2D, viewRefs: ViewRefs) {\n if (\n (this._needsDisplay ||
this._subviewsNeedDisplay) &&\n rectIntersectsRect(this.frame, this.visibleArea) &&\n
!sizeIsEmpty(this.visibleArea.size)\n ) {\n this.layoutSubviews();\n if (this._needsDisplay) {\n
this._needsDisplay = false;\n }\n if (this._subviewsNeedDisplay) this._subviewsNeedDisplay = false;\n\n //
Clip anything drawn by the view to prevent it from overflowing its visible area.\n const visibleArea =
this.visibleArea;\n const region = new Path2D();\n region.rect(\n visibleArea.origin.x,\n
visibleArea.origin.y,\n visibleArea.size.width,\n visibleArea.size.height,\n );\n context.save();\n
context.clip(region);\n context.beginPath();\n\n this.draw(context, viewRefs);\n\n // Stop clipping\n
context.restore();\n }\n }\n\n /**\n * Layout self and subviews.\n *\n * Implementations should call
`setNeedsDisplay` if a draw is required.\n *\n * The default implementation uses `this.layouter` to lay out
subviews.\n *\n * Can be overwritten by subclasses that wish to manually manage their\n * subviews' layout.\n
*\n * NOTE: Do not call directly! Use `displayIfNeeded`.\n *\n * @see displayIfNeeded\n */\n
layoutSubviews() {\n const {frame, _layouter, subviews, visibleArea} = this;\n const existingLayout =
viewsToLayout(subviews);\n const newLayout = _layouter(existingLayout, frame);\n
collapseLayoutIntoViews(newLayout);\n subviews.forEach((subview, subviewIndex) => {\n if
(rectIntersectsRect(visibleArea, subview.frame)) {\n subview.setVisibleArea(intersectionOfRects(visibleArea,
subview.frame));\n } else {\n subview.setVisibleArea(zeroRect);\n }\n });\n }\n\n /**\n * Draw the
contents of this view in the given canvas `context`.\n *\n * Defaults to drawing this view's `subviews`.\n *\n *
To be overwritten by subclasses that wish to draw custom content.\n *\n * NOTE: Do not call directly! Use
`displayIfNeeded`.\n *\n * @see displayIfNeeded\n */\n draw(context: CanvasRenderingContext2D, viewRefs:
ViewRefs) {\n const {subviews, visibleArea} = this;\n subviews.forEach(subview => {\n if
(rectIntersectsRect(visibleArea, subview.visibleArea)) {\n subview.displayIfNeeded(context, viewRefs);\n
}\n });\n\n const backgroundColor = this._backgroundColor;\n if (backgroundColor !== null) {\n const
desiredSize = this.desiredSize();\n if (visibleArea.size.height > desiredSize.height) {\n context.fillStyle =
backgroundColor;\n context.fillRect(\n visibleArea.origin.x,\n visibleArea.origin.y +
desiredSize.height,\n visibleArea.size.width,\n visibleArea.size.height - desiredSize.height,\n );\n
}\n }\n }\n\n /**\n * Handle an `interaction`.\n *\n * To be overwritten by subclasses that wish to handle
interactions.\n *\n * NOTE: Do not call directly! Use `handleInteractionAndPropagateToSubviews`\n */\n
handleInteraction(interaction: Interaction, viewRefs: ViewRefs): ?boolean {\n\n /**\n * Handle an `interaction`
and propagates it to all of this view's\n * `subviews`.\n *\n * NOTE: Should not be overridden! Subclasses
should override\n * `handleInteraction` instead.\n *\n * @see handleInteraction\n * @protected\n */\n
handleInteractionAndPropagateToSubviews(\n interaction: Interaction,\n viewRefs: ViewRefs,\n ): boolean {\n
const {subviews, visibleArea} = this;\n\n if (visibleArea.size.height === 0) {\n return false;\n }\n\n // Pass
the interaction to subviews first,\n // so they have the opportunity to claim it before it bubbles.\n //\n // Views
are painted first to last,\n // so they should process interactions last to first,\n // so views in front (on top) can
claim the interaction first.\n for (let i = subviews.length - 1; i >= 0; i--) {\n const subview = subviews[i];\n if
(rectIntersectsRect(visibleArea, subview.visibleArea)) {\n const didSubviewHandle =\n
subview.handleInteractionAndPropagateToSubviews(\n interaction,\n viewRefs,\n ) === true;\n
if (didSubviewHandle) {\n return true;\n }\n }\n }\n\n const didSelfHandle =\n
this.handleInteraction(interaction, viewRefs) === true;\n if (didSelfHandle) {\n return true;\n }\n\n return
false;\n }\n }\n\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under
the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n

```

```

import {View} from './View';
import {COLORS} from './content-views/constants';
View that fills
its visible area with a CSS color.
export class BackgroundColorView extends View {
  draw(context:
  CanvasRenderingContext2D) {
    const {visibleArea} = this;
    context.fillStyle =
    COLORS.BACKGROUND;
    context.fillRect(
      visibleArea.origin.x,
      visibleArea.origin.y,
      visibleArea.size.width,
      visibleArea.size.height,
    );
  }
}
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affiliates.
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directory of this source tree.
@flow
export function clamp(min: number, max: number, value:
number): number {
  if (Number.isNaN(min) || Number.isNaN(max) || Number.isNaN(value))
    throw new
    Error(`Clamp was called with NaN. Args: min: ${min}, max: ${max}, value: ${value}.`);
  return
  Math.min(max, Math.max(min, value));
}
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source code is licensed under the MIT license found in the LICENSE file in the root directory of this source
tree.
@flow
import {clamp} from './clamp';
Single-axis offset and length state.
contentStart containerStart containerEnd contentEnd
|<-----offset| | |<----
-----length----->
export type ScrollState = {
  offset: number,
  length:
  number,
};
function clampOffset(state: ScrollState, containerLength: number): ScrollState {
  return {
  offset: clamp(-(state.length - containerLength), 0, state.offset),
  length: state.length,
  };
}
function
clampLength({
  state,
  minContentLength,
  maxContentLength,
  containerLength,
}: {
  state:
  ScrollState,
  minContentLength: number,
  maxContentLength: number,
  containerLength: number,
}):
  ScrollState {
  return {
  offset: state.offset,
  length: clamp(
    Math.max(minContentLength,
    containerLength),
    Math.max(containerLength, maxContentLength),
    state.length,
  ),
  };
}
Returns `state` clamped such that:
- `length`: you won't be able to zoom in/out such that the content is
shorter than the `containerLength`.
- `offset`: content remains in `containerLength`.
export function
clampState({
  state,
  minContentLength,
  maxContentLength,
  containerLength,
}: {
  state: ScrollState,
  minContentLength: number,
  maxContentLength: number,
  containerLength: number,
}): ScrollState {
  return
  clampOffset(
    clampLength({
      state,
      minContentLength,
      maxContentLength,
      containerLength,
    }),
    containerLength,
  );
}
export function translateState({
  state,
  delta,
  containerLength,
}: {
  state: ScrollState,
  delta: number,
  containerLength: number,
}): ScrollState {
  return
  clampOffset(
    {
      offset: state.offset + delta,
      length: state.length,
    },
    containerLength,
  );
}
Returns a new clamped `state` zoomed by `multiplier`.
The provided fixed point will also
remain stationary relative to `containerStart`.
contentStart containerStart fixedPoint
containerEnd
|<-----offset-| x |<-----fixedPoint----->x
|<-----fixedPointFromContainer->x |<-----containerLength----->
export function zoomState({
  state,
  multiplier,
  fixedPoint,
  minContentLength,
  maxContentLength,
  containerLength,
}: {
  state: ScrollState,
  multiplier: number,
  fixedPoint: number,
  minContentLength: number,
  maxContentLength: number,
  containerLength: number,
}): ScrollState {
  //
  Length and offset must be computed separately, so that if the length is
  // clamped the offset will still be correct
  (unless it gets clamped too).
  const zoomedState = clampLength(
    {
      state: {
        offset: state.offset,
        length: state.length * multiplier,
      },
      minContentLength,
      maxContentLength,
      containerLength,
    },
  );
  // Adjust offset so that distance between containerStart<->fixedPoint is fixed
  const
  fixedPointFromContainer = fixedPoint + state.offset;
  const scaledFixedPoint = fixedPoint * (zoomedState.length /
  state.length);
  const offsetAdjustedState = clampOffset(
    {
      offset: fixedPointFromContainer -
      scaledFixedPoint,
      length: zoomedState.length,
    },
    containerLength,
  );
  return
  offsetAdjustedState;
}
export function moveStateToRange({
  state,
  rangeStart,
  rangeEnd,
  contentLength,
  minContentLength,
  maxContentLength,
  containerLength,
}: {
  state: ScrollState,
  rangeStart: number,
  rangeEnd: number,
  contentLength: number,
  minContentLength: number,
  maxContentLength: number,
  containerLength: number,
}): ScrollState {
  // Length and offset must be
  computed separately, so that if the length is
  // clamped the offset will still be correct (unless it gets clamped
  too).
  const lengthClampedState = clampLength(
    {
      state: {
        offset: state.offset,
        length:

```

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contentLength * (containerLength / (rangeEnd - rangeStart)),\n  },\n  minContentLength,\n  maxContentLength,\n  containerLength,\n  });\n\n  const offsetAdjustedState = clampOffset(\n    {\n      offset: -\n        rangeStart * (lengthClampedState.length / contentLength),\n      length: lengthClampedState.length,\n    },\n    containerLength,\n  );\n\n  return offsetAdjustedState;\n}\n\nexport function areScrollStatesEqual(\n  state1:\n  ScrollState,\n  state2: ScrollState,\n): boolean {\n  return state1.offset === state2.offset && state1.length ===\n    state2.length;\n}\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed\n  under the MIT license found in the\n  * LICENSE file in the root directory of this source tree.\n * @flow\n */\n\nimport type {\n  Interaction,\n  MouseDownInteraction,\n  MouseMoveInteraction,\n  MouseUpInteraction,\n  WheelPlainInteraction,\n  WheelWithShiftInteraction,\n} from './useCanvasInteraction';\nimport type {Rect} from\n  './geometry';\nimport type {ScrollState} from './utils/scrollState';\nimport type {ViewRefs} from './Surface';\nimport\n  type {ViewState} from './types';\nimport {Surface} from './Surface';\nimport {View} from './View';\nimport\n  {rectContainsPoint} from './geometry';\nimport {\n  clampState,\n  moveStateToRange,\n  areScrollStatesEqual,\n  translateState,\n  zoomState,\n} from './utils/scrollState';\nimport {\n  MAX_ZOOM_LEVEL,\n  MIN_ZOOM_LEVEL,\n  MOVE_WHEEL_DELTA_THRESHOLD,\n} from './constants';\n\nexport class\n  HorizontalPanAndZoomView extends View {\n  _contentView: View;\n  _intrinsicContentWidth: number;\n  _isPanning = false;\n  _viewState: ViewState;\n\n  constructor(\n    surface: Surface,\n    frame: Rect,\n    contentView: View,\n    intrinsicContentWidth: number,\n    viewState: ViewState,\n  ) {\n    super(surface,\n      frame);\n\n    this._contentView = contentView;\n    this._intrinsicContentWidth = intrinsicContentWidth;\n\n    this._viewState = viewState;\n\n    viewState.onHorizontalScrollStateChange(scrollState => {\n      this.zoomToRange(scrollState.offset, scrollState.length);\n    });\n\n    this.addSubview(contentView);\n  }\n\n  /**\n   * Just sets scroll state.\n   * Use `_setStateAndInformCallbacksIfChanged` if this view's callbacks should also be\n    called.\n   * @returns Whether state was changed\n   * @private\n   */\n  setScrollState(proposedState:\n    ScrollState) {\n    const clampedState = clampState({\n      state: proposedState,\n      minContentLength:\n        this._intrinsicContentWidth * MIN_ZOOM_LEVEL,\n      maxContentLength: this._intrinsicContentWidth *  
MAX_ZOOM_LEVEL,\n      containerLength: this.frame.size.width,\n    });\n\n    if (\n      !areScrollStatesEqual(clampedState, this._viewState.horizontalScrollState)\n    ) {\n      this.setNeedsDisplay();\n    }\n  }\n\n  /**\n   * Zoom to a specific range of the content specified as a range of the\n   * content view's intrinsic\n    content size.\n   * Does not inform callbacks of state change since this is a public API.\n   */\n  zoomToRange(rangeStart: number, rangeEnd: number) {\n    const newState = moveStateToRange({\n      state:\n        this._viewState.horizontalScrollState,\n      rangeStart,\n      rangeEnd,\n      contentLength:\n        this._intrinsicContentWidth,\n      minContentLength: this._intrinsicContentWidth * MIN_ZOOM_LEVEL,\n      maxContentLength: this._intrinsicContentWidth * MAX_ZOOM_LEVEL,\n      containerLength:\n        this.frame.size.width,\n    });\n\n    this.setScrollState(newState);\n  }\n\n  desiredSize() {\n    return\n      this._contentView.desiredSize();\n  }\n\n  layoutSubviews() {\n    const {offset, length} =\n      this._viewState.horizontalScrollState;\n\n    const proposedFrame = {\n      origin: {\n        x: this.frame.origin.x +\n          offset,\n        y: this.frame.origin.y,\n      },\n      size: {\n        width: length,\n        height: this.frame.size.height,\n      },\n    };\n\n    this._contentView.setFrame(proposedFrame);\n    super.layoutSubviews();\n  }\n\n  handleInteraction(interaction: Interaction, viewRefs: ViewRefs) {\n    switch (interaction.type) {\n      case\n        'mousedown':\n        this._handleMouseDown(interaction, viewRefs);\n        break;\n      case\n        'mousemove':\n        this._handleMouseMove(interaction, viewRefs);\n        break;\n      case\n        'mouseup':\n        this._handleMouseUp(interaction, viewRefs);\n        break;\n      case\n        'wheel-plain':\n      case\n        'wheel-shift':\n        this._handleWheel(interaction);\n        break;\n    }\n\n    _handleMouseDown(interaction:\n      MouseDownInteraction, viewRefs: ViewRefs) {\n      if (rectContainsPoint(interaction.payload.location, this.frame))\n        {\n          this._isPanning = true;\n          viewRefs.activeView = this;\n          this.currentCursor = 'grabbing';\n        }\n    }\n\n    _handleMouseMove(interaction: MouseMoveInteraction, viewRefs: ViewRefs) {\n      const isHovered =\n        rectContainsPoint(\n          interaction.payload.location,\n          this.frame,\n        );\n      if (isHovered &&\n        viewRefs.hoveredView === null) {\n        viewRefs.hoveredView = this;\n      }\n      if (viewRefs.activeView ===\n        this) {\n        this.currentCursor = 'grabbing';\n      } else if (isHovered) {\n        this.currentCursor = 'grab';\n      }\n    }\n  }\n}

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```

(!this._isPanning) {\n  return;\n }\n\n // Don't prevent mouse-move events from bubbling if they are vertical
drags.\n const {movementX, movementY} = interaction.payload.event;\n if (Math.abs(movementX) <
Math.abs(movementY)) {\n  return;\n }\n\n const newState = translateState({\n  state:
this._viewState.horizontalScrollState,\n  delta: movementX,\n  containerLength: this.frame.size.width,\n });\n
this._viewState.updateHorizontalScrollState(newState);\n }\n\n _handleMouseUp(interaction:
MouseUpInteraction, viewRefs: ViewRefs) {\n  if (this._isPanning) {\n    this._isPanning = false;\n  }\n\n  if
(viewRefs.activeView === this) {\n    viewRefs.activeView = null;\n  }\n\n  _handleWheel(interaction:
WheelPlainInteraction | WheelWithShiftInteraction) {\n  const {\n    location,\n    delta: {deltaX, deltaY},\n  }
= interaction.payload;\n\n  if (!rectContainsPoint(location, this.frame)) {\n    return; // Not scrolling on view\n
}\n\n  const absDeltaX = Math.abs(deltaX);\n  const absDeltaY = Math.abs(deltaY);\n  // Vertical scrolling
zooms in and out (unless the SHIFT modifier is used).\n  // Horizontal scrolling pans.\n  if (absDeltaY >
absDeltaX) {\n    if (absDeltaY < MOVE_WHEEL_DELTA_THRESHOLD) {\n      return;\n    }\n\n    if
(interaction.type === 'wheel-shift') {\n      // Shift modifier is for scrolling, not zooming.\n      return;\n    }\n\n
const newState = zoomState({\n  state: this._viewState.horizontalScrollState,\n  multiplier: 1 + 0.005 * -
deltaY,\n  fixedPoint: location.x - this._viewState.horizontalScrollState.offset,\n\n  minLength:
this._intrinsicContentWidth * MIN_ZOOM_LEVEL,\n  maxLength: this._intrinsicContentWidth *
MAX_ZOOM_LEVEL,\n  containerLength: this.frame.size.width,\n });\n
this._viewState.updateHorizontalScrollState(newState);\n  } else {\n    if (absDeltaX <
MOVE_WHEEL_DELTA_THRESHOLD) {\n      return;\n    }\n\n    const newState = translateState({\n
state: this._viewState.horizontalScrollState,\n    delta: -deltaX,\n    containerLength: this.frame.size.width,\n
});\n    this._viewState.updateHorizontalScrollState(newState);\n  }\n\n  };\n\n  /**\n * Copyright (c) Facebook,
Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in
the root directory of this source tree.\n * @flow\n */\n\n  export const MOVE_WHEEL_DELTA_THRESHOLD
= 1;\n  export const ZOOM_WHEEL_DELTA_THRESHOLD = 1;\n  export const MIN_ZOOM_LEVEL =
0.25;\n  export const MAX_ZOOM_LEVEL = 1000;\n  export const DEFAULT_ZOOM_LEVEL = 0.25;\n  /**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in
the\n * LICENSE file in the root directory of this source tree.\n * @flow\n */\n\n  import type {\n    Interaction,\n    MouseDownInteraction,\n    MouseMoveInteraction,\n    MouseUpInteraction,\n    WheelWithShiftInteraction,\n  } from
'./useCanvasInteraction';\n  import type {Rect} from './geometry';\n  import type {ScrollState} from
'./utils/scrollState';\n  import type {ViewRefs} from './Surface';\n  import type {ViewState} from './types';\n\n  import
{Surface} from './Surface';\n  import {View} from './View';\n  import {rectContainsPoint} from './geometry';\n  import
{\n    clampState,\n    areScrollStatesEqual,\n    translateState,\n  } from './utils/scrollState';\n  import
{MOVE_WHEEL_DELTA_THRESHOLD} from './constants';\n  import {COLORS} from './content-
views/constants';\n\n  const CARET_MARGIN = 3;\n  const CARET_WIDTH = 5;\n  const CARET_HEIGHT =
3;\n\n  type OnChangeCallback = (\n    scrollState: ScrollState,\n    containerLength: number,\n  ) => void;\n\n  export
class VerticalScrollView extends View {\n    _contentView: View;\n    _isPanning: boolean;\n
    _mutableViewStateKey: string;\n    _onChangeCallback: OnChangeCallback | null;\n    _scrollState: ScrollState;\n
    _viewState: ViewState;\n\n    constructor(\n      surface: Surface,\n      frame: Rect,\n      contentView: View,\n
      viewState: ViewState,\n      label: string,\n    ) {\n      super(surface, frame);\n\n      this._contentView = contentView;\n
      this._isPanning = false;\n      this._mutableViewStateKey = label + ':VerticalScrollView';\n      this._onChangeCallback
= null;\n      this._scrollState = {\n        offset: 0,\n        length: 0,\n      };\n      this._viewState = viewState;\n\n
      this.addSubview(contentView);\n      this._restoreMutableViewState();\n    }\n\n    setFrame(newFrame: Rect) {\n
      super.setFrame(newFrame);\n\n      // Revalidate scrollState\n      this._setScrollState(this._scrollState);\n    }\n\n
desiredSize() {\n      return this._contentView.desiredSize();\n    }\n\n    draw(context: CanvasRenderingContext2D,
viewRefs: ViewRefs) {\n      super.draw(context, viewRefs);\n\n      // Show carets if there's scroll overflow above or
below the viewable area.\n      if (this.frame.size.height > CARET_HEIGHT * 2 + CARET_MARGIN * 3) {\n
        const offset = this._scrollState.offset;\n        const desiredSize = this._contentView.desiredSize();\n\n        const above
= offset;\n        const below = this.frame.size.height - desiredSize.height - offset;\n\n        if (above < 0 || below < 0) {\n

```

```

const { visibleArea } = this;\n    const { x, y } = visibleArea.origin;\n    const { width, height } =\n    visibleArea.size;\n    const horizontalCenter = x + width / 2;\n    const halfWidth = CARET_WIDTH;\n    const left = horizontalCenter + halfWidth;\n    const right = horizontalCenter - halfWidth;\n    if (above < 0)\n    {\n        const topY = y + CARET_MARGIN;\n        context.beginPath();\n        context.moveTo(horizontalCenter, topY);\n        context.lineTo(left, topY + CARET_HEIGHT);\n        context.lineTo(right, topY + CARET_HEIGHT);\n        context.closePath();\n        context.fillStyle =\n        COLORS.SCROLL_CARET;\n        context.fill();\n    }\n    if (below < 0) {\n        const bottomY = y +\n        height - CARET_MARGIN;\n        context.beginPath();\n        context.moveTo(horizontalCenter, bottomY);\n        context.lineTo(left, bottomY - CARET_HEIGHT);\n        context.lineTo(right, bottomY -\n        CARET_HEIGHT);\n        context.closePath();\n        context.fillStyle = COLORS.SCROLL_CARET;\n        context.fill();\n    }\n    }\n    }\n    }\n    }\n    layoutSubviews() {\n        const { offset } = this._scrollState;\n        const\n        desiredSize = this._contentView.desiredSize();\n        const minimumHeight = this.frame.size.height;\n        const\n        desiredHeight = desiredSize ? desiredSize.height : 0;\n        // Force view to take up at least all remaining vertical\n        space.\n        const height = Math.max(desiredHeight, minimumHeight);\n        const proposedFrame = {\n            origin:\n            {\n                x: this.frame.origin.x,\n                y: this.frame.origin.y + offset,\n            },\n            size: {\n                width:\n                this.frame.size.width,\n                height,\n            },\n        };\n        this._contentView setFrame(proposedFrame);\n        super.layoutSubviews();\n    }\n    handleInteraction(interaction: Interaction): ?boolean {\n        switch (interaction.type)\n        {\n            case 'mousedown':\n                return this._handleMouseDown(interaction);\n            case 'mousemove':\n                return\n                this._handleMouseMove(interaction);\n            case 'mouseup':\n                return this._handleMouseUp(interaction);\n            case 'wheel-shift':\n                return this._handleWheelShift(interaction);\n        }\n    }\n    onChange(callback:\n    OnChangeCallback) {\n        this._onChangeCallback = callback;\n    }\n    scrollBy(deltaY: number): boolean {\n        const newState = translateState({\n            state: this._scrollState,\n            delta: -deltaY,\n            containerLength:\n            this.frame.size.height,\n        });\n        // If the state is updated by this wheel scroll,\n        // return true to prevent the\n        interaction from bubbling.\n        // For instance, this prevents the outermost container from also scrolling.\n        return\n        this._setScrollState(newState);\n    }\n    _handleMouseDown(interaction: MouseDownInteraction) {\n        if\n        (rectContainsPoint(interaction.payload.location, this.frame)) {\n            const frameHeight = this.frame.size.height;\n            const contentHeight = this._contentView.desiredSize().height;\n            // Don't claim drag operations if the content is\n            not tall enough to be scrollable.\n            // This would block any outer scroll views from working.\n            if (frameHeight\n            < contentHeight) {\n                this._isPanning = true;\n            }\n        }\n        _handleMouseMove(interaction:\n        MouseMoveInteraction) {\n            if (!this._isPanning) {\n                return;\n            }\n            // Don't prevent mouse-move events\n            from bubbling if they are horizontal drags.\n            const { movementX, movementY } = interaction.payload.event;\n            if\n            (Math.abs(movementX) > Math.abs(movementY)) {\n                return;\n            }\n            const newState = translateState({\n                state: this._scrollState,\n                delta: interaction.payload.event.movementY,\n                containerLength:\n                this.frame.size.height,\n            });\n            this._setScrollState(newState);\n            return true;\n        }\n        _handleMouseUp(interaction: MouseUpInteraction) {\n            if (this._isPanning) {\n                this._isPanning = false;\n            }\n        }\n        _handleWheelShift(interaction: WheelWithShiftInteraction): boolean {\n            const {\n                location,\n                delta:\n                { deltaX, deltaY },\n            } = interaction.payload;\n            if (!rectContainsPoint(location, this.frame)) {\n                return false;\n            }\n            // Not scrolling on view\n            const absDeltaX = Math.abs(deltaX);\n            const absDeltaY = Math.abs(deltaY);\n            if\n            (absDeltaX > absDeltaY) {\n                return false;\n            }\n            // Scrolling horizontally\n            if (absDeltaY <\n            MOVE_WHEEL_DELTA_THRESHOLD) {\n                return false;\n            }\n            // Movement was too small and should be ignored.\n            return\n            this.scrollBy(deltaY);\n        }\n        _restoreMutableViewState() {\n            if (\n            this._viewState.viewToMutableViewStateMap.has(this._mutableViewStateKey)\n            ) {\n                this._scrollState =\n                ((this._viewState.viewToMutableViewStateMap.get(\n                this._mutableViewStateKey,\n                ): any): ScrollState);\n            }\n            else {\n                this._viewState.viewToMutableViewStateMap.set(\n                this._mutableViewStateKey,\n                this._scrollState,\n            );\n            }\n            this.setNeedsDisplay();\n        }\n        _setScrollState(proposedState: ScrollState):\n        boolean {\n            const contentHeight = this._contentView.frame.size.height;\n            const containerHeight =\n            this.frame.size.height;\n            const clampedState = clampState({\n                state: proposedState,\n                minContentLength:\n                contentHeight,\n                maxLength: contentHeight,\n                containerLength: containerHeight,\n            });\n            if

```

```
(!areScrollStatesEqual(clampedState, this._scrollState)) {\n  this._scrollState.offset = clampedState.offset;\n  this._scrollState.length = clampedState.length;\n  this.setNeedsDisplay();\n  if (this._onChangeCallback\n    !== null) {\n    this._onChangeCallback(clampedState, this.frame.size.height);\n  }\n  return true;\n}\n\n// Don't allow wheel events to bubble past this view even if we've scrolled to the edge.\n// It just feels bad to have\nthe scrolling jump unexpectedly from in a container to the outer page.\n// The only exception is when the\ncontainer fits the content (no scrolling).\nif (contentHeight === containerHeight) {\n  return false;\n}\nreturn true;\n} }"}\n\n/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed\nunder the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n *\nimport type {Rect} from '../view-base';\nimport {rectEqualToRect} from '../view-base';\nimport\n{COLORS, FONT_SIZE, TEXT_PADDING} from './constants';\n\nconst cachedTextWidths = new\nMap();\n\nexport function getTextWidth(\n  context: CanvasRenderingContext2D,\n  text: string,\n): number {\n  let\n  measuredWidth = cachedTextWidths.get(text);\n  if (measuredWidth == null) {\n    measuredWidth =\n    context.measureText(text).width;\n    cachedTextWidths.set(text, measuredWidth);\n  }\n  return\n  ((measuredWidth: any): number);\n}\n\nexport function trimText(\n  context: CanvasRenderingContext2D,\n  text:\nstring,\n  width: number,\n): string | null {\n  const\n  maxIndex = text.length - 1;\n  let\n  startIndex = 0;\n  let\n  stopIndex = maxIndex;\n  let\n  longestValidIndex = 0;\n  let\n  longestValidText = null;\n  // Trimming long text\n  could be really slow if we decrease only 1 character at a time.\n  // Trimming with more of a binary search approach\n  is faster in the worst cases.\n  while (startIndex <= stopIndex) {\n    const\n    currentIndex = Math.floor((startIndex +\n    stopIndex) / 2);\n    const\n    trimmedText =\n    currentIndex === maxIndex ? text :\n    text.substr(0, currentIndex) +\n    '...';\n    if (getTextWidth(context, trimmedText) <= width)\n    {\n      if (longestValidIndex < currentIndex)\n      {\n        longestValidIndex = currentIndex;\n        longestValidText =\n        trimmedText;\n      }\n      startIndex =\n      currentIndex + 1;\n    } else {\n      stopIndex =\n      currentIndex - 1;\n    }\n  }\n  return\n  longestValidText;\n}\n\nexport function\n  drawText(\n  text:\nstring,\n  context:\nCanvasRenderingContext2D,\n  fullRect:\nRect,\n  drawableRect:\nRect,\n  config?:\nTextConfig,\n): void {\n  const\n  {\n    fillStyle =\n    COLORS.TEXT_COLOR,\n    fontSize =\n    FONT_SIZE,\n    textAlign =\n    'left',\n  } =\n  config || {};\n  if (fullRect.size.width > TEXT_PADDING * 2)\n  {\n    context.textAlign =\n    textAlign;\n    context.textBaseline =\n    'middle';\n    context.font =\n    `${fontSize}px sans-serif`;\n    const\n  {x, y} =\n    fullRect.origin;\n    const\n  trimmedName =\n    trimText(\n      context,\n      text,\n      fullRect.size.width -\n      TEXT_PADDING * 2 + (x < 0 ? x : 0),\n    );\n    if (trimmedName !== null)\n    {\n      context.fillStyle =\n      fillStyle;\n      // Prevent text from visibly overflowing its\n      container when clipped.\n      const\n    textOverflowsViewableArea =\n      !rectEqualToRect(\n        drawableRect,\n        fullRect,\n      );\n      if\n      (textOverflowsViewableArea)\n      {\n        context.save();\n        context.beginPath();\n        context.rect(\n          drawableRect.origin.x,\n          drawableRect.origin.y,\n          drawableRect.size.width,\n          drawableRect.size.height,\n        );\n        context.closePath();\n        context.clip();\n      }\n      let\n    textX;\n      if\n      (textAlign === 'center')\n      {\n        textX =\n        x + fullRect.size.width / 2 +\n        TEXT_PADDING - (x < 0 ? x : 0);\n      } else\n      {\n        textX =\n        x + TEXT_PADDING - (x < 0 ? x : 0);\n      }\n      const\n    textY =\n    y + fullRect.size.height / 2;\n      context.fillText(\n        trimmedName,\n        textX,\n        textY,\n      );\n      if (textOverflowsViewableArea)\n      {\n        context.restore();\n      }\n    }\n  }\n}\n\n/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed\nunder the MIT license found in the\n * LICENSE file in the root directory of this\n  source tree.\n *\n * @flow\n *\nimport type {\n  Interaction,\n  MouseDownInteraction,\n  MouseMoveInteraction,\n  MouseUpInteraction,\n}\nfrom './useCanvasInteraction';\nimport type {Rect} from '../geometry';\nimport type {ViewRefs} from\n'../Surface';\nimport {BORDER_SIZE, COLORS}\nfrom '../content-views/constants';\nimport {drawText} from\n'../content-views/utils/text';\nimport {Surface} from\n'../Surface';\nimport {View} from\n'../View';\nimport\n{rectContainsPoint} from '../geometry';\nimport {noopLayout} from\n'../layouter';\n\nexport type\n  ResizeBarState = 'normal' |\n  'hovered' | 'dragging';\n\nconst\n  RESIZE_BAR_DOT_RADIUS = 1;\nconst\n  RESIZE_BAR_DOT_SPACING =\n  4;\nconst\n  RESIZE_BAR_HEIGHT = 8;\nconst\n  RESIZE_BAR_WITH_LABEL_HEIGHT =\n  16;\n\nexport class\n  ResizeBarView extends View {\n  _interactionState: ResizeBarState =\n  'normal';\n  _label: string;\n  showLabel:\n  boolean = false;\n  constructor(\n    surface: Surface,\n    frame: Rect,\n    label: string,\n  ) {\n    super(surface, frame,
```

```

noopLayout);
  this._label = label;
}

desiredSize() {
  return this.showLabel ? {height:
RESIZE_BAR_WITH_LABEL_HEIGHT, width: 0} : {height: RESIZE_BAR_HEIGHT, width: 0};
}

draw(context: CanvasRenderingContext2D, viewRefs: ViewRefs) {
  const {frame} = this;
  const {x, y} =
frame.origin;
  const {width, height} = frame.size;

  const isActive =
  this._interactionState ===
'dragging' ||
  (this._interactionState === 'hovered' && viewRefs.activeView === null);

  context.fillStyle =
isActive ? COLORS.REACT_RESIZE_BAR_ACTIVE : COLORS.REACT_RESIZE_BAR;

  context.fillRect(x, y, width, height);
  context.fillStyle = COLORS.REACT_RESIZE_BAR_BORDER;
  context.fillRect(x, y, width, BORDER_SIZE);
  context.fillRect(x, y + height - BORDER_SIZE, width,
BORDER_SIZE);

  const horizontalCenter = x + width / 2;
  const verticalCenter = y + height / 2;

  if (this.showLabel) {
    // When the resize view is collapsed entirely, // rather than showing a resize bar– this
view displays a label.
    const labelRect: Rect = {
      origin: {
        x: 0,
        y: y + height -
RESIZE_BAR_WITH_LABEL_HEIGHT,
      },
      size: {
        width: frame.size.width,
        height:
RESIZE_BAR_WITH_LABEL_HEIGHT,
      },
    };
    drawText(this._label, context, labelRect, frame,
{
  fillStyle: COLORS.REACT_RESIZE_BAR_DOT,
  textAlign: 'center',
});
  } else {
    //
Otherwise draw horizontally centered resize bar dots
    context.beginPath();
    context.fillStyle =
COLORS.REACT_RESIZE_BAR_DOT;
    context.arc(
      horizontalCenter,
      verticalCenter,
      RESIZE_BAR_DOT_RADIUS,
      0,
      2 * Math.PI,
    );
    context.arc(
      horizontalCenter +
RESIZE_BAR_DOT_SPACING,
      verticalCenter,
      RESIZE_BAR_DOT_RADIUS,
      0,
      2 *
Math.PI,
    );
    context.arc(
      horizontalCenter - RESIZE_BAR_DOT_SPACING,
      verticalCenter,
      RESIZE_BAR_DOT_RADIUS,
      0,
      2 * Math.PI,
    );
    context.fill();
  }
}

_setInteractionState(state: ResizeBarState) {
  if (this._interactionState === state) {
    return;
  }
  this._interactionState = state;
  this.setNeedsDisplay();
}

_handleMouseDown(interaction:
MouseDownInteraction, viewRefs: ViewRefs) {
  const cursorInView = rectContainsPoint(
interaction.payload.location,
this.frame,
);
  if (cursorInView) {
    this._setInteractionState('dragging');
    viewRefs.activeView = this;
  }
}

_handleMouseMove(interaction: MouseMoveInteraction, viewRefs: ViewRefs) {
  const cursorInView =
rectContainsPoint(
  interaction.payload.location,
  this.frame,
);
  if (viewRefs.activeView === this) {
    // If we're actively dragging this resize bar, // show the cursor even if the pointer isn't hovering over this
view.
    this.currentCursor = 'ns-resize';
  } else if (cursorInView) {
    if (this.showLabel) {
      this.currentCursor = 'pointer';
    } else {
      this.currentCursor = 'ns-resize';
    }
  }
  if (cursorInView) {
    viewRefs.hoveredView = this;
  }
  if (this._interactionState === 'dragging') {
    return;
  }
  this._setInteractionState(cursorInView ? 'hovered' : 'normal');
}

_handleMouseUp(interaction: MouseUpInteraction, viewRefs: ViewRefs) {
  const cursorInView =
rectContainsPoint(
  interaction.payload.location,
  this.frame,
);
  if (this._interactionState ===
'dragging') {
    this._setInteractionState(cursorInView ? 'hovered' : 'normal');
  }
  if (viewRefs.activeView
=== this) {
    viewRefs.activeView = null;
  }
}

handleInteraction(interaction: Interaction, viewRefs:
ViewRefs) {
  switch (interaction.type) {
    case 'mousedown':
      this._handleMouseDown(interaction,
viewRefs);
      break;
    case 'mousemove':
      this._handleMouseMove(interaction, viewRefs);
      break;
    case 'mouseup':
      this._handleMouseUp(interaction, viewRefs);
      break;
  }
}

}

/**
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the
 * LICENSE file in the root directory of this source tree.
 */
@flow
import type {
ClickInteraction,
DoubleClickInteraction,
Interaction,
MouseDownInteraction,
MouseMoveInteraction,
MouseUpInteraction,
} from './useCanvasInteraction';
import type {Rect} from './geometry';
import type
{ViewRefs} from './Surface';
import type {ViewState} from './types';
import {ResizeBarView} from
'./ResizeBarView';
import {Surface} from './Surface';
import {View} from './View';
import {rectContainsPoint}
from './geometry';
import {noopLayout} from './layouter';
import {clamp} from './utils/clamp';
import type
ResizingState = $ReadOnly<{
  /** Distance between top of resize bar and mouseY
 */
  cursorOffsetInBarFrame:
number,
  /** Mouse's vertical coordinates relative to canvas
 */
  mouseY: number,
}>;
import type LayoutState =

```



```

{\\n /** Resize bar's vertical position relative to resize view's frame.origin.y */\\n barOffsetY: number,\\n};\\n\\nconst
RESIZE_BAR_HEIGHT = 8;\\nconst RESIZE_BAR_WITH_LABEL_HEIGHT = 16;\\n\\nconst HIDDEN_RECT =
{\\n origin: {x: 0, y: 0},\\n size: {width: 0, height: 0},\\n};\\n\\nexport class ResizableView extends View {\\n
_canvasRef: {current: HTMLCanvasElement | null};\\n _layoutState: LayoutState;\\n _mutableViewStateKey:
string;\\n _resizeBar: ResizeBarView;\\n _resizingState: ResizingState | null = null;\\n _subview: View;\\n
_viewState: ViewState;\\n\\n constructor(\\n surface: Surface,\\n frame: Rect,\\n subview: View,\\n viewState:
ViewState,\\n canvasRef: {current: HTMLCanvasElement | null},\\n label: string,\\n ) {\\n super(surface, frame,
noopLayout);\\n\\n this._canvasRef = canvasRef;\\n this._layoutState = {barOffsetY: 0};\\n
this._mutableViewStateKey = label + ':ResizableView';\\n this._subview = subview;\\n this._resizeBar = new
ResizeBarView(surface, frame, label);\\n this._viewState = viewState;\\n\\n this.addSubview(this._subview);\\n
this.addSubview(this._resizeBar);\\n\\n this._restoreMutableViewState();\\n }\\n\\n desiredSize() {\\n const
subviewDesiredSize = this._subview.desiredSize();\\n\\n if (this._shouldRenderResizeBar()) {\\n const
resizeBarDesiredSize = this._resizeBar.desiredSize();\\n\\n return {\\n width: this.frame.size.width,\\n
height: this._layoutState.barOffsetY + resizeBarDesiredSize.height,\\n };\\n } else {\\n return {\\n width:
this.frame.size.width,\\n height: subviewDesiredSize.height,\\n };\\n }}\\n\\n layoutSubviews() {\\n
this._updateLayoutState();\\n this._updateSubviewFrames();\\n\\n super.layoutSubviews();\\n }\\n\\n
_restoreMutableViewState() {\\n if (\\n
this._viewState.viewToMutableViewStateMap.has(this._mutableViewStateKey)\\n ) {\\n this._layoutState =
((this._viewState.viewToMutableViewStateMap.get(\\n this._mutableViewStateKey,\\n ): any):
LayoutState);\\n\\n this._updateLayoutStateAndResizeBar(this._layoutState.barOffsetY);\\n } else {\\n
this._viewState.viewToMutableViewStateMap.set(\\n this._mutableViewStateKey,\\n this._layoutState,\\n
);\\n\\n const subviewDesiredSize = this._subview.desiredSize();\\n this._updateLayoutStateAndResizeBar(\\n
subviewDesiredSize.maxInitialHeight != null\\n ? Math.min(\\n
subviewDesiredSize.maxInitialHeight,\\n subviewDesiredSize.height,\\n )\\n :
subviewDesiredSize.height,\\n );\\n }\\n\\n this.setNeedsDisplay();\\n }\\n\\n _shouldRenderResizeBar() {\\n
const subviewDesiredSize = this._subview.desiredSize();\\n return
subviewDesiredSize.hideScrollBarIfLessThanHeight != null\\n ? subviewDesiredSize.height >\\n
subviewDesiredSize.hideScrollBarIfLessThanHeight\\n : true;\\n }\\n\\n
_updateLayoutStateAndResizeBar(barOffsetY: number) {\\n if (barOffsetY <=
RESIZE_BAR_WITH_LABEL_HEIGHT - RESIZE_BAR_HEIGHT) {\\n barOffsetY = 0;\\n }\\n\\n
this._layoutState.barOffsetY = barOffsetY;\\n\\n this._resizeBar.showLabel = barOffsetY === 0;\\n }\\n\\n
_updateLayoutState() {\\n const {frame, _resizingState} = this;\\n\\n // Allow bar to travel to bottom of the visible
area of this view but no further\\n const subviewDesiredSize = this._subview.desiredSize();\\n const
maxBarOffset = subviewDesiredSize.height;\\n\\n let proposedBarOffsetY = this._layoutState.barOffsetY;\\n //
Update bar offset if dragging bar\\n if (_resizingState) {\\n const {mouseY, cursorOffsetInBarFrame} =
_resizingState;\\n proposedBarOffsetY = mouseY - frame.origin.y - cursorOffsetInBarFrame;\\n }\\n\\n
this._updateLayoutStateAndResizeBar(\\n clamp(0, maxBarOffset, proposedBarOffsetY),\\n );\\n }\\n\\n
_updateSubviewFrames() {\\n const {\\n frame: {\\n origin: {x, y},\\n size: {width},\\n },\\n
_layoutState: {barOffsetY},\\n } = this;\\n\\n const resizeBarDesiredSize = this._resizeBar.desiredSize();\\n\\n if
(barOffsetY === 0) {\\n this._subview.setFrame(HIDDEN_RECT);\\n } else {\\n this._subview.setFrame({\\n
origin: {x, y},\\n size: {width, height: barOffsetY},\\n });\\n }\\n\\n this._resizeBar.setFrame({\\n
origin: {x, y: y + barOffsetY},\\n size: {width, height: resizeBarDesiredSize.height},\\n });\\n }\\n\\n
_handleClick(interaction: ClickInteraction) {\\n if (!this._shouldRenderResizeBar()) {\\n return;\\n }\\n\\n const
cursorInView = rectContainsPoint(\\n interaction.payload.location,\\n this.frame,\\n );\\n if (cursorInView)
{\\n if (this._layoutState.barOffsetY === 0) {\\n // Clicking on the collapsed label should expand.\\n const
subviewDesiredSize = this._subview.desiredSize();\\n
this._updateLayoutStateAndResizeBar(subviewDesiredSize.height);\\n this.setNeedsDisplay();\\n return
true;\\n }\\n }\\n }\\n }\\n _handleDoubleClick(interaction: DoubleClickInteraction) {\\n if

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(!this._shouldRenderResizeBar()) {\n  return;\n }\n\n const cursorInView = rectContainsPoint(\n
interaction.payload.location,\n  this.frame,\n );\n if (cursorInView) {\n  if (this._layoutState.barOffsetY > 0)\n  {\n    // Double clicking on the expanded view should collapse.\n    this._updateLayoutStateAndResizeBar(0);\n    this.setNeedsDisplay();\n    return true;\n  }\n }\n\n _handleMouseDown(interaction:\n
MouseDownInteraction) {\n  const cursorLocation = interaction.payload.location;\n  const resizeBarFrame =\n
this._resizeBar.frame;\n  if (rectContainsPoint(cursorLocation, resizeBarFrame)) {\n  const mouseY =\n
cursorLocation.y;\n  this._resizingState = {\n  cursorOffsetInBarFrame: mouseY - resizeBarFrame.origin.y,\n
  mouseY,\n  };\n  return true;\n }\n }\n\n _handleMouseMove(interaction: MouseMoveInteraction) {\n
const { _resizingState } = this;\n  if (_resizingState) {\n  this._resizingState = {\n  ..._resizingState,\n
mouseY: interaction.payload.location.y,\n  };\n  this.setNeedsDisplay();\n  return true;\n }\n }\n\n
_handleMouseUp(interaction: MouseUpInteraction) {\n  if (this._resizingState) {\n  this._resizingState = null;\n
}\n }\n\n getCursorActiveSubView(interaction: Interaction): View | null {\n  const cursorLocation =\n
interaction.payload.location;\n  const resizeBarFrame = this._resizeBar.frame;\n  if\n
(rectContainsPoint(cursorLocation, resizeBarFrame)) {\n  return this;\n } else {\n  return null;\n }\n }\n\n
handleInteraction(interaction: Interaction, viewRefs: ViewRefs) {\n  switch (interaction.type) {\n  case 'click':\n
return this._handleClick(interaction);\n  case 'double-click':\n  return\n
this._handleDoubleClick(interaction);\n  case 'mousedown':\n  return this._handleMouseDown(interaction);\n
case 'mousemove':\n  return this._handleMouseMove(interaction);\n  case 'mouseup':\n  return\n
this._handleMouseUp(interaction);\n  }\n }\n\n"/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n
* This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source\n
tree.\n *\n * @flow\n */\n\nimport type {NormalizedWheelDelta} from './utils/normalizeWheel';\nimport type\n
{Point} from './geometry';\n\nimport {useEffect, useRef} from 'react';\nimport {normalizeWheel} from\n
 './utils/normalizeWheel';\n\nexport type ClickInteraction = {\n  type: 'click',\n  payload: {\n  event: MouseEvent,\n
  location: Point,\n  },\n};\n\nexport type DoubleClickInteraction = {\n  type: 'double-click',\n  payload: {\n  event:\n
MouseEvent,\n  location: Point,\n  },\n};\n\nexport type MouseDownInteraction = {\n  type: 'mousedown',\n
payload: {\n  event: MouseEvent,\n  location: Point,\n  },\n};\n\nexport type MouseMoveInteraction = {\n  type:\n
'mousemove',\n  payload: {\n  event: MouseEvent,\n  location: Point,\n  },\n};\n\nexport type MouseUpInteraction\n
= {\n  type: 'mouseup',\n  payload: {\n  event: MouseEvent,\n  location: Point,\n  },\n};\n\nexport type\n
WheelPlainInteraction = {\n  type: 'wheel-plain',\n  payload: {\n  event: WheelEvent,\n  location: Point,\n
delta: NormalizedWheelDelta,\n  },\n};\n\nexport type WheelWithShiftInteraction = {\n  type: 'wheel-shift',\n
payload: {\n  event: WheelEvent,\n  location: Point,\n  delta: NormalizedWheelDelta,\n  },\n};\n\nexport type\n
WheelWithControlInteraction = {\n  type: 'wheel-control',\n  payload: {\n  event: WheelEvent,\n  location:\n
Point,\n  delta: NormalizedWheelDelta,\n  },\n};\n\nexport type WheelWithMetaInteraction = {\n  type: 'wheel-\n
meta',\n  payload: {\n  event: WheelEvent,\n  location: Point,\n  delta: NormalizedWheelDelta,\n
  },\n};\n\nexport type Interaction =\n | ClickInteraction\n | DoubleClickInteraction\n | MouseDownInteraction\n |
MouseMoveInteraction\n | MouseUpInteraction\n | WheelPlainInteraction\n | WheelWithShiftInteraction\n |
WheelWithControlInteraction\n | WheelWithMetaInteraction;\n\nlet canvasBoundingRectCache = null;\n\nfunction\n
cacheFirstGetCanvasBoundingRect(\n  canvas: HTMLCanvasElement,\n): ClientRect {\n  if (\n
canvasBoundingRectCache &&\n  canvas.width === canvasBoundingRectCache.width &&\n  canvas.height ===\n
canvasBoundingRectCache.height\n ) {\n  return canvasBoundingRectCache.rect;\n }\n\n  canvasBoundingRectCache = {\n
width: canvas.width,\n  height: canvas.height,\n  rect:\n
canvas.getBoundingClientRect(),\n  };\n  return canvasBoundingRectCache.rect;\n }\n\nexport function\n
useCanvasInteraction(\n  canvasRef: {current: HTMLCanvasElement | null},\n  interactor: (interaction: Interaction)\n
=> void,\n ) {\n  const isMouseDownRef = useRef<boolean>(false);\n  const didMouseMoveWhileDownRef =\n
useRef<boolean>(false);\n\n  useEffect(() => {\n  const canvas = canvasRef.current;\n  if (!canvas) {\n
return;\n }\n\n  function localToCanvasCoordinates(localCoordinates: Point): Point {\n  const canvasRect =\n
cacheFirstGetCanvasBoundingRect(canvas);\n  return {\n  x: localCoordinates.x - canvasRect.left,\n  y:\n
localCoordinates.y - canvasRect.top,\n  };\n }\n\n  const onCanvasClick: MouseEventHandler = event => {\n

```

```

if (didMouseMoveWhileDownRef.current) {\n    return;\n    }\n\n    interactor({\n    type: 'click',\n    payload: {\n    event,\n    location: localToCanvasCoordinates({x: event.x, y: event.y}),\n    },\n    });\n\n    const onCanvasDoubleClick: MouseEventHandler = event => {\n    if\n    (didMouseMoveWhileDownRef.current) {\n    return;\n    }\n\n    interactor({\n    type: 'double-click',\n    payload: {\n    event,\n    location: localToCanvasCoordinates({x: event.x, y: event.y}),\n    },\n    });\n\n    const onCanvasMouseDown: MouseEventHandler = event => {\n    didMouseMoveWhileDownRef.current = false;\n    isMouseDownRef.current = true;\n\n    interactor({\n    type: 'mousedown',\n    payload: {\n    event,\n    location: localToCanvasCoordinates({x: event.x, y:\n    event.y}),\n    },\n    });\n\n    const onDocumentMouseMove: MouseEventHandler = event => {\n    if\n    (isMouseDownRef.current) {\n    didMouseMoveWhileDownRef.current = true;\n    }\n\n    interactor({\n    type: 'mousemove',\n    payload: {\n    event,\n    location: localToCanvasCoordinates({x: event.x, y:\n    event.y}),\n    },\n    });\n\n    const onDocumentMouseUp: MouseEventHandler = event => {\n    isMouseDownRef.current = false;\n\n    interactor({\n    type: 'mouseup',\n    payload: {\n    event,\n    location: localToCanvasCoordinates({x: event.x, y: event.y}),\n    },\n    });\n\n    const onCanvasWheel:\n    WheelEventHandler = event => {\n    event.preventDefault();\n    event.stopPropagation();\n\n    const location =\n    localToCanvasCoordinates({x: event.x, y: event.y});\n    const delta = normalizeWheel(event);\n\n    if\n    (event.shiftKey) {\n    interactor({\n    type: 'wheel-shift',\n    payload: {event, location, delta},\n    });\n    } else if (event.ctrlKey) {\n    interactor({\n    type: 'wheel-control',\n    payload: {event, location,\n    delta},\n    });\n    } else if (event.metaKey) {\n    interactor({\n    type: 'wheel-meta',\n    payload:\n    {event, location, delta},\n    });\n    } else {\n    interactor({\n    type: 'wheel-plain',\n    payload:\n    {event, location, delta},\n    });\n    }\n\n    return false;\n    });\n\n    const ownerDocument =\n    canvas.ownerDocument;\n    ownerDocument.addEventListener('mousemove', onDocumentMouseMove);\n    ownerDocument.addEventListener('mouseup', onDocumentMouseUp);\n\n    canvas.addEventListener('click',\n    onCanvasClick);\n    canvas.addEventListener('dblclick', onCanvasDoubleClick);\n\n    canvas.addEventListener('mousedown', onCanvasMouseDown);\n    canvas.addEventListener('wheel',\n    onCanvasWheel);\n\n    return () => {\n    ownerDocument.removeEventListener('mousemove',\n    onDocumentMouseMove);\n    ownerDocument.removeEventListener('mouseup', onDocumentMouseUp);\n\n    canvas.removeEventListener('click', onCanvasClick);\n    canvas.removeEventListener('dblclick',\n    onCanvasDoubleClick);\n    canvas.removeEventListener('mousedown', onCanvasMouseDown);\n    canvas.removeEventListener('wheel', onCanvasWheel);\n    }, [canvasRef, interactor];\n}\n\n", "/*\n *

```

Copyright (c) Facebook, Inc. and its affiliates. * This source code is licensed under the MIT license found in the * LICENSE file in the root directory of this source tree. * @flow * /n // Adapted from:

[https://github.com/facebookarchive/fixd-data-](https://github.com/facebookarchive/fixd-data-table/blob/main/src/vendor_upstream/dom/normalizeWheel.js)

```

table/blob/main/src/vendor_upstream/dom/normalizeWheel.js\n\nexport type NormalizedWheelDelta = {\n    deltaX:\n    number,\n    deltaY: number,\n};\n\n// Reasonable defaults\nconst LINE_HEIGHT = 40;\nconst PAGE_HEIGHT =\n800;\n\n * Mouse wheel (and 2-finger trackpad) support on the web sucks. It is\n * complicated, thus this doc\n * is long and (hopefully) detailed enough to answer\n * your questions.\n * If you need to react to the mouse\n * wheel in a predictable way, this code is\n * like your bestest friend. * hugs *\n * In your event callback, use this\n * code to get sane interpretation of the\n * deltas. This code will return an object with properties:\n * - deltaX --\n * normalized distance (to pixels) - x plane\n * - deltaY --\n * - y plane\n * Wheel values are provided by the\n * browser assuming you are using the wheel to\n * scroll a web page by a number of lines or pixels (or pages). Values\n * can vary\n * significantly on different platforms and browsers, forgetting that you can\n * scroll at different speeds.\n * Some devices (like trackpads) emit more events\n * at smaller increments with fine granularity, and some emit\n * massive jumps with\n * linear speed or acceleration.\n * This code does its best to normalize the deltas for\n * you:\n * - delta* is normalizing the desired scroll delta in pixel units.\n * - positive value indicates\n * scrolling DOWN/RIGHT, negative UP/LEFT. This\n * should translate to positive value zooming IN, negative\n * zooming OUT.\n * This matches the 'wheel' event.\n * Implementation info:\n * The basics of the\n * standard 'wheel' event is that it includes a unit,\n * deltaMode (pixels, lines, pages), and deltaX, deltaY and deltaZ.\n
```

* See: <http://www.w3.org/TR/DOM-Level-3-Events/#events-wheel>

* Examples of 'wheel' event if you scroll slowly (down) by one step with an average mouse:

- OS X + Chrome (mouse) - 4 pixel delta (wheelDelta -120)
- OS X + Safari (mouse) - N/A pixel delta (wheelDelta -12)
- OS X + Firefox (mouse) - 0.1 line delta (wheelDelta N/A)
- Win8 + Chrome (mouse) - 100 pixel delta (wheelDelta -120)
- Win8 + Firefox (mouse) - 3 line delta (wheelDelta -120)

* On the trackpad:

- OS X + Chrome (trackpad) - 2 pixel delta (wheelDelta -6)
- OS X + Firefox (trackpad) - 1 pixel delta (wheelDelta N/A)

```

^next function normalizeWheel(event: WheelEvent): NormalizedWheelDelta {
  let deltaX = event.deltaX;
  let deltaY = event.deltaY;
  if ( // $FlowFixMe DOM_DELTA_LINE missing from WheelEvent
    event.deltaMode === WheelEvent.DOM_DELTA_LINE
  ) { // delta in LINE units
    deltaX *= LINE_HEIGHT;
    deltaY *= LINE_HEIGHT;
  } else if ( // $FlowFixMe DOM_DELTA_PAGE missing from WheelEvent
    event.deltaMode === WheelEvent.DOM_DELTA_PAGE
  ) { // delta in PAGE units
    deltaX *= PAGE_HEIGHT;
    deltaY *= PAGE_HEIGHT;
  }
  return {deltaX, deltaY};
}

```

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```

@flow
import type {Layouter} from './layouter';
Assumes { @param layout } will only contain 2 views.
^next export const withVerticalScrollbarLayout: Layouter = (
  layout,
  containerFrame,
) => {
  const [contentLayoutInfo, scrollbarLayoutInfo] = layout;
  const desiredContentSize = contentLayoutInfo.view.desiredSize();
  const shouldShowScrollbar = desiredContentSize.height > containerFrame.size.height;
  const scrollbarWidth = shouldShowScrollbar ? scrollbarLayoutInfo.view.desiredSize().width : 0;
  const laidOutContentLayoutInfo = {
    ...contentLayoutInfo,
    frame: {
      origin: contentLayoutInfo.view.frame.origin,
      size: {
        width: containerFrame.size.width - scrollbarWidth,
        height: containerFrame.size.height,
      },
    },
  };
  const laidOutScrollbarLayoutInfo = {
    ...scrollbarLayoutInfo,
    frame: {
      origin: {
        x: laidOutContentLayoutInfo.frame.origin.x + laidOutContentLayoutInfo.frame.size.width,
        y: containerFrame.origin.y,
      },
      size: {
        width: scrollbarWidth,
        height: containerFrame.size.height,
      },
    },
  };
  return [laidOutContentLayoutInfo, laidOutScrollbarLayoutInfo];
}

```

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```

@flow
import type {Rect} from './geometry';
import type {ScrollState} from './utils/scrollState';
import type {Surface} from './Surface';
import type {ViewState} from './types';
import {VerticalScrollBarView} from './VerticalScrollBarView';
import {withVerticalScrollbarLayout} from './withVerticalScrollbarLayout';
import {View} from './View';
import {VerticalScrollView} from './VerticalScrollView';
^next export class VerticalScrollOverflowView extends View {
  _contentView: View;
  _isProcessingOnChange: boolean = false;
  _isScrolling: boolean = false;
  _scrollOffset: number = 0;
  _scrollBarView: VerticalScrollBarView;
  _verticalScrollView: VerticalScrollView;
  constructor(
    surface: Surface,
    frame: Rect,
    contentView: View,
    viewState: ViewState,
  ) {
    super(surface, frame, withVerticalScrollbarLayout);
    this._contentView = contentView;
    this._verticalScrollView = new VerticalScrollView(
      surface,
      frame,
      contentView,
      viewState,
    );
    'VerticalScrollOverflowView';
    this._verticalScrollView.onChange(this._onVerticalScrollViewChange);
    this._scrollBarView = new VerticalScrollBarView(
      surface,
      frame,
      this,
    );
    this.addSubview(this._verticalScrollView);
    this.addSubview(this._scrollBarView);
  }
  layoutSubviews() {
    super.layoutSubviews();
    const contentSize = this._contentView.desiredSize();
    // This should be done after calling super.layoutSubviews() - calling it // before somehow causes _contentView to need display on every mousemove // event when the scroll bar is shown.
    this._scrollBarView.setContentHeight(contentSize.height);
  }
  setScrollOffset(newScrollOffset: number, maxScrollOffset: number) {
    const deltaY = newScrollOffset - this._scrollOffset;
    if (!this._isProcessingOnChange) {
      this._verticalScrollView.scrollBy(-deltaY);
    }
    this._scrollOffset = newScrollOffset;
    this.setNeedsDisplay();
    this._onVerticalScrollViewChange = (
      scrollState: ScrollState,
      containerLength: number,
    ) => {
      const maxOffset = scrollState.length -

```

```

containerLength;\n  if (maxOffset === 0) {\n    return;\n  }\n\n  const percentage = Math.abs(scrollState.offset) / maxOffset;\n  const maxScrollThumbY = this._scrollBarView.getMaxScrollThumbY();\n  this._isProcessingOnChange = true;\n  this._scrollBarView.setScrollThumbY(percentage * maxScrollThumbY);\n  this._isProcessingOnChange = false;\n  };\n}\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport type {Interaction} from './useCanvasInteraction';\nimport type {Rect} from './geometry';\nimport type {Surface, ViewRefs} from './Surface';\nimport type {\n  ClickInteraction,\n  MouseDownInteraction,\n  MouseMoveInteraction,\n  MouseUpInteraction,\n} from './useCanvasInteraction';\nimport {VerticalScrollOverflowView} from './VerticalScrollOverflowView';\nimport {rectContainsPoint, rectEqualToRect} from './geometry';\nimport {View} from './View';\nimport {BORDER_SIZE, COLORS} from '../content-views/constants';\n\nconst SCROLL_BAR_SIZE = 14;\n\nconst HIDDEN_RECT = {\n  origin: {\n    x: 0,\n    y: 0,\n  },\n  size: {\n    width: 0,\n    height: 0,\n  },\n};\n\nexport class VerticalScrollBarView extends View {\n  _contentHeight: number = 0;\n  _isScrolling: boolean = false;\n  _scrollBarRect: Rect = HIDDEN_RECT;\n  _scrollThumbRect: Rect = HIDDEN_RECT;\n  _verticalScrollOverflowView: VerticalScrollOverflowView;\n\n  constructor(\n    surface: Surface,\n    frame: Rect,\n    verticalScrollOverflowView: VerticalScrollOverflowView,\n  ) {\n    super(surface, frame);\n\n    this._verticalScrollOverflowView = verticalScrollOverflowView;\n  }\n\n  desiredSize() {\n    return {\n      width: SCROLL_BAR_SIZE,\n      height: 0, // No desired height\n    };\n  }\n\n  getMaxScrollThumbY(): number {\n    const {height} = this.frame.size;\n    const maxScrollThumbY = height - this._scrollThumbRect.size.height;\n    return maxScrollThumbY;\n  }\n\n  setContentHeight(contentHeight: number) {\n    this._contentHeight = contentHeight;\n\n    const {height, width} = this.frame.size;\n    const proposedScrollThumbRect = {\n      origin: {\n        x: this.frame.origin.x,\n        y: this._scrollThumbRect.origin.y,\n      },\n      size: {\n        width,\n        height: height * (height / contentHeight),\n      },\n    };\n\n    if (!rectEqualToRect(this._scrollThumbRect, proposedScrollThumbRect)) {\n      this._scrollThumbRect = proposedScrollThumbRect;\n      this.setNeedsDisplay();\n    }\n  }\n\n  setScrollThumbY(value: number) {\n    const {height} = this.frame.size;\n    const maxScrollThumbY = this.getMaxScrollThumbY();\n    const newScrollThumbY = Math.max(0, Math.min(maxScrollThumbY, value));\n\n    this._scrollThumbRect = {\n      ...this._scrollThumbRect,\n      origin: {\n        x: this.frame.origin.x,\n        y: newScrollThumbY,\n      },\n    };\n\n    const maxContentOffset = this._contentHeight - height;\n    const contentScrollOffset =\n      (newScrollThumbY / maxScrollThumbY) * maxContentOffset * -1;\n\n    this._verticalScrollOverflowView.setScrollOffset(\n      contentScrollOffset,\n      maxScrollThumbY,\n    );\n  }\n\n  draw(context: CanvasRenderingContext2D, viewRefs: ViewRefs) {\n    const {x, y} = this.frame.origin;\n    const {width, height} = this.frame.size;\n\n    // TODO Use real color\n    context.fillStyle = COLORS.REACT_RESIZE_BAR;\n    context.fillRect(x, y, width, height);\n\n    // TODO Use real color\n    context.fillStyle = COLORS.SCROLL_CARET;\n    context.fillRect(\n      this._scrollThumbRect.origin.x,\n      this._scrollThumbRect.origin.y,\n      this._scrollThumbRect.size.width,\n      this._scrollThumbRect.size.height,\n    );\n\n    // TODO Use real color\n    context.fillStyle = COLORS.REACT_RESIZE_BAR_BORDER;\n    context.fillRect(x, y, BORDER_SIZE, height);\n  }\n\n  handleInteraction(interaction: Interaction, viewRefs: ViewRefs) {\n    switch (interaction.type) {\n      case 'click':\n        this._handleClick(interaction, viewRefs);\n        break;\n      case 'mousedown':\n        this._handleMouseDown(interaction, viewRefs);\n        break;\n      case 'mousemove':\n        this._handleMouseMove(interaction, viewRefs);\n        break;\n      case 'mouseup':\n        this._handleMouseUp(interaction, viewRefs);\n        break;\n    }\n  }\n\n  _handleClick(interaction: ClickInteraction, viewRefs: ViewRefs) {\n    const {location} = interaction.payload;\n    if (rectContainsPoint(location, this.frame)) {\n      if (rectContainsPoint(location, this._scrollThumbRect)) {\n        // Ignore clicks on the track thumb directly.\n        return;\n      }\n\n      const currentScrollThumbY = this._scrollThumbRect.origin.y;\n      const y = location.y;\n\n      const {height} = this.frame.size;\n\n      // Scroll up or down about one viewport worth of content.\n      const deltaY = (height / this._contentHeight) * height * 0.8;\n\n      this.setScrollThumbY(\n        y > currentScrollThumbY\n          ? this._scrollThumbRect.origin.y + deltaY\n          : this._scrollThumbRect.origin.y - deltaY,\n      );\n    }\n  }\n\n  _handleMouseDown(interaction:

```

```

MouseDownInteraction, viewRefs: ViewRefs) {\n  const {location} = interaction.payload;\n  if
(rectContainsPoint(location, this._scrollThumbRect)) {\n    return;\n  }\n  viewRefs.activeView = this;\n\n
this.currentCursor = 'default';\n\n  this._isScrolling = true;\n  this.setNeedsDisplay();\n  }\n\n
_handleMouseMove(interaction: MouseMoveInteraction, viewRefs: ViewRefs) {\n  const {event, location} =
interaction.payload;\n  if (rectContainsPoint(location, this.frame)) {\n    if (viewRefs.hoveredView !== this) {\n
viewRefs.hoveredView = this;\n    }\n\n    this.currentCursor = 'default';\n    }\n\n    if (viewRefs.activeView ===
this) {\n      this.currentCursor = 'default';\n      this.setScrollThumbY(this._scrollThumbRect.origin.y +
event.movementY);\n    }\n  }\n\n  _handleMouseUp(interaction: MouseUpInteraction, viewRefs: ViewRefs) {\n
if (viewRefs.activeView === this) {\n  viewRefs.activeView = null;\n  }\n\n  if (this._isScrolling) {\n
this._isScrolling = false;\n  this.setNeedsDisplay();\n  }\n  }\n}\n\n"/**\n * Copyright (c) Facebook, Inc. and its
affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root
directory of this source tree.\n */\n * @flow\n */\n\nimport type {Rect} from './view-base';\n\nexport function
positioningScaleFactor(\n  intrinsicWidth: number,\n  frame: Rect,\n): number {\n  return frame.size.width /
intrinsicWidth;\n}\n\nexport function timestampToPosition(\n  timestamp: number,\n  scaleFactor: number,\n
frame: Rect,\n): number {\n  return frame.origin.x + timestamp * scaleFactor;\n}\n\nexport function
positionToTimestamp(\n  position: number,\n  scaleFactor: number,\n  frame: Rect,\n): number {\n  return (position
- frame.origin.x) / scaleFactor;\n}\n\nexport function durationToWidth(duration: number, scaleFactor: number):
number {\n  return duration * scaleFactor;\n}\n\nexport function widthToDuration(width: number, scaleFactor:
number): number {\n  return width / scaleFactor;\n}\n}\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n
* This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this
source tree.\n */\n * @flow\n */\n\nimport prettyMilliseconds from 'pretty-ms';\n\nexport function
formatTimestamp(ms: number) {\n  return (\n    ms.toLocaleString(undefined, {\n      minimumFractionDigits: 1,\n
      maximumFractionDigits: 1,\n    }) + 'ms'\n  );\n}\n\nexport function formatDuration(ms: number) {\n  return
prettyMilliseconds(ms, {millisecondsDecimalDigits: 1});\n}\n\nexport function trimString(string: string, length:
number): string {\n  if (string.length > length) {\n    return `${string.substr(0, length - 1)}...`;\n  }\n  return
string;\n}\n}\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the
MIT license found in the\n * LICENSE file in the root directory of this source tree.\n */\n * @flow\n */\n\nimport
type {\n  ReactComponentMeasure,\n  ReactProfilerData,\n  ViewState,\n} from './types';\n\nimport type {\n
Interaction,\n  IntrinsicSize,\n  MouseMoveInteraction,\n  Rect,\n  ViewRefs,\n} from './view-base';\n\nimport {\n
durationToWidth,\n  positioningScaleFactor,\n  positionToTimestamp,\n  timestampToPosition,\n} from
'./utils/positioning';\n\nimport {drawText} from './utils/text';\n\nimport {formatDuration} from
'./utils/formatting';\n\nimport {\n  View,\n  Surface,\n  rectContainsPoint,\n  rectIntersectsRect,\n
intersectionOfRects,\n} from './view-base';\n\nimport {BORDER_SIZE, COLORS, NATIVE_EVENT_HEIGHT}
from './constants';\n\nconst ROW_WITH_BORDER_HEIGHT = NATIVE_EVENT_HEIGHT +
BORDER_SIZE;\n\nexport class ComponentMeasuresView extends View {\n  _cachedSearchMatches: Map<string,
boolean>;\n  _cachedSearchRegExp: RegExp | null = null;\n  _hoveredComponentMeasure:
ReactComponentMeasure | null = null;\n  _intrinsicSize: IntrinsicSize;\n  _profilerData: ReactProfilerData;\n
_viewState: ViewState;\n\n  onHover: ((event: ReactComponentMeasure | null) => void) | null = null;\n\n
constructor(\n  surface: Surface,\n  frame: Rect,\n  profilerData: ReactProfilerData,\n  viewState: ViewState,\n
) {\n  super(surface, frame);\n\n  this._profilerData = profilerData;\n  this._viewState = viewState;\n\n
this._cachedSearchMatches = new Map();\n  this._cachedSearchRegExp = null;\n\n  viewState.onSearchRegExpStateChange(() => {\n    this.setNeedsDisplay();\n  });\n\n  this._intrinsicSize = {\n
width: profilerData.duration,\n  height: ROW_WITH_BORDER_HEIGHT,\n  };;\n\n  desiredSize() {\n    return
this._intrinsicSize;\n  }\n\n  setHoveredEvent(hoveredEvent: ReactComponentMeasure | null) {\n    if
(this._hoveredComponentMeasure === hoveredEvent) {\n      return;\n    }\n\n    this._hoveredComponentMeasure =
hoveredEvent;\n    this.setNeedsDisplay();\n  }\n}\n\n/**\n * Draw a single `ReactComponentMeasure` as a
box/span with text inside of it.\n */\n  _drawSingleReactComponentMeasure(\n    context:
CanvasRenderingContext2D,\n    rect: Rect,\n    componentMeasure: ReactComponentMeasure,\n    scaleFactor:

```

```

number,\n showHoverHighlight: boolean,\n ): boolean {\n  const { frame } = this;\n  const {\n    componentName,\n    duration,\n    timestamp,\n    type,\n    warning,\n  } = componentMeasure;\n  const\n    xStart = timestampToPosition(timestamp, scaleFactor, frame);\n    const xStop = timestampToPosition(timestamp +\n    duration, scaleFactor, frame);\n    const componentMeasureRect: Rect = {\n      origin: {\n        x: xStart,\n        y:\n        frame.origin.y,\n      },\n      size: { width: xStop - xStart, height: NATIVE_EVENT_HEIGHT },\n    }; \n    if\n    (!rectIntersectsRect(componentMeasureRect, rect)) {\n      return false; // Not in view\n    }\n    const width =\n    durationToWidth(duration, scaleFactor);\n    if (width < 1) {\n      return false; // Too small to render at this zoom\n    }\n    let textFillStyle = ((null: any): string);\n    let typeLabel = ((null: any): string);\n    const\n    drawableRect = intersectionOfRects(componentMeasureRect, rect);\n    context.beginPath();\n    if (warning !==\n    null) {\n      context.fillStyle = showHoverHighlight\n      ? COLORS.WARNING_BACKGROUND_HOVER\n      :\n      COLORS.WARNING_BACKGROUND;\n    } else {\n      switch (type) {\n        case 'render':\n          context.fillStyle = showHoverHighlight\n          ? COLORS.REACT_RENDER_HOVER\n          :\n          COLORS.REACT_RENDER;\n          textFillStyle = COLORS.REACT_RENDER_TEXT;\n          typeLabel =\n          'rendered';\n          break;\n        case 'layout-effect-mount':\n          context.fillStyle = showHoverHighlight\n          ?\n          COLORS.REACT_LAYOUT_EFFECTS_HOVER\n          : COLORS.REACT_LAYOUT_EFFECTS;\n          textFillStyle =\n          COLORS.REACT_LAYOUT_EFFECTS_TEXT;\n          typeLabel = 'mounted layout effect';\n          break;\n        case 'layout-effect-unmount':\n          context.fillStyle = showHoverHighlight\n          ?\n          COLORS.REACT_LAYOUT_EFFECTS_HOVER\n          : COLORS.REACT_LAYOUT_EFFECTS;\n          textFillStyle =\n          COLORS.REACT_LAYOUT_EFFECTS_TEXT;\n          typeLabel = 'unmounted layout effect';\n          break;\n        case 'passive-effect-mount':\n          context.fillStyle = showHoverHighlight\n          ?\n          COLORS.REACT_PASSIVE_EFFECTS_HOVER\n          : COLORS.REACT_PASSIVE_EFFECTS;\n          textFillStyle =\n          COLORS.REACT_PASSIVE_EFFECTS_TEXT;\n          typeLabel = 'mounted passive effect';\n          break;\n        case 'passive-effect-unmount':\n          context.fillStyle = showHoverHighlight\n          ?\n          COLORS.REACT_PASSIVE_EFFECTS_HOVER\n          : COLORS.REACT_PASSIVE_EFFECTS;\n          textFillStyle =\n          COLORS.REACT_PASSIVE_EFFECTS_TEXT;\n          typeLabel = 'unmounted passive effect';\n          break;\n      }\n    }\n    let isMatch = false;\n    const cachedSearchRegExp = this._cachedSearchRegExp;\n    if\n    (cachedSearchRegExp !== null) {\n      const cachedSearchMatches = this._cachedSearchMatches;\n      const\n      cachedValue = cachedSearchMatches.get(componentName);\n      if (cachedValue !== null) {\n        isMatch =\n        cachedValue;\n      } else {\n        isMatch =\n        componentName.match(cachedSearchRegExp) !== null;\n        cachedSearchMatches.set(componentName, isMatch);\n      }\n    }\n    if (isMatch) {\n      context.fillStyle =\n      COLORS.SEARCH_RESULT_FILL;\n    }\n    context.fillRect(\n      drawableRect.origin.x,\n      drawableRect.origin.y,\n      drawableRect.size.width,\n      drawableRect.size.height,\n    );\n    const label =\n    `${componentName} ${typeLabel} - ${formatDuration(duration)}`;\n    drawText(label, context,\n    componentMeasureRect, drawableRect, {\n      fillStyle: textFillStyle,\n    });\n    return true;\n  }\n  draw(context: CanvasRenderingContext2D) {\n    const {\n      frame,\n      _profilerData: { componentMeasures },\n      _hoveredComponentMeasure,\n      visibleArea,\n    } = this;\n    const searchRegExp =\n    this._viewState.searchRegExp;\n    if (this._cachedSearchRegExp !== searchRegExp) {\n      this._cachedSearchMatches = new Map();\n      this._cachedSearchRegExp = searchRegExp;\n    }\n    context.fillStyle =\n    COLORS.BACKGROUND;\n    context.fillRect(\n      visibleArea.origin.x,\n      visibleArea.origin.y,\n      visibleArea.size.width,\n      visibleArea.size.height,\n    );\n    // Draw events\n    const\n    scaleFactor = positioningScaleFactor(\n      this._intrinsicSize.width,\n      frame,\n    );\n    let didDrawMeasure =\n    false;\n    componentMeasures.forEach(componentMeasure => {\n      didDrawMeasure =\n      this._drawSingleReactComponentMeasure(\n        context,\n        visibleArea,\n        componentMeasure,\n        scaleFactor,\n        componentMeasure === _hoveredComponentMeasure,\n      ) || didDrawMeasure;\n    });\n    if (!didDrawMeasure) {\n      drawText(\n        '(zoom or pan to see React components)',\n        context,\n        visibleArea,\n        visibleArea,\n        { fillStyle: COLORS.TEXT_DIM_COLOR, textAlign: 'center' },\n      );\n    }\n    context.fillStyle =\n    COLORS.PRIORITY_BORDER;\n    context.fillRect(\n      visibleArea.origin.x,\n      visibleArea.origin.y + ROW_WITH_BORDER_HEIGHT -\n      BORDER_SIZE,\n      visibleArea.size.width,\n  
```

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BORDER_SIZE,\n );\n }\n\n /**\n * @private\n */\n _handleMouseMove(interaction:
MouseMoveInteraction, viewRefs: ViewRefs) {\n  const { frame, _intrinsicSize, onHover, visibleArea } = this;\n  if (!onHover) {\n    return;\n  }\n\n  const { location } = interaction.payload;\n  if (!rectContainsPoint(location,
visibleArea)) {\n    onHover(null);\n    return;\n  }\n\n  const scaleFactor =
positioningScaleFactor(_intrinsicSize.width, frame);\n  const hoverTimestamp = positionToTimestamp(location.x,
scaleFactor, frame);\n\n  const componentMeasures = this._profilerData.componentMeasures;\n  for (let index =
componentMeasures.length - 1; index >= 0; index--) {\n    const componentMeasure =
componentMeasures[index];\n    const { duration, timestamp } = componentMeasure;\n\n    if (\n
hoverTimestamp >= timestamp &&\n    hoverTimestamp <= timestamp + duration\n    ) {\n
this.currentCursor = 'context-menu';\n    viewRefs.hoveredView = this;\n    onHover(componentMeasure);\n
return;\n  }\n}\n\n onHover(null);\n}\n\n handleInteraction(interaction: Interaction, viewRefs: ViewRefs)
{\n  switch (interaction.type) {\n    case 'mousemove':\n      this._handleMouseMove(interaction, viewRefs);\n
break;\n  }\n}\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n */\n * This source code is licensed
under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n */\n * @flow\n
*/\n\nimport type {\n  FlamechartStackFrame,\n  InternalModuleSourceToRanges,\n} from './types';\n\nimport
{\n  CHROME_WEBSTORE_EXTENSION_ID,\n  INTERNAL_EXTENSION_ID,\n
LOCAL_EXTENSION_ID,\n} from 'react-devtools-shared/src/constants';\n\nexport function isInternalModule(\n
internalModuleSourceToRanges: InternalModuleSourceToRanges,\n flamechartStackFrame:
FlamechartStackFrame,\n): boolean {\n  const { locationColumn, locationLine, scriptUrl } =
flamechartStackFrame;\n\n  if (scriptUrl == null || locationColumn == null || locationLine == null) {\n    // This
could indicate a browser-internal API like performance.mark().\n    return false;\n  }\n\n  // Internal modules are only
registered if DevTools was running when the profile was captured,\n  // but DevTools should also hide its own
frames to avoid over-emphasizing them.\n  if (\n    // Handle webpack-internal:// sources\n
scriptUrl.includes('/react-devtools') ||\n    scriptUrl.includes('/react_devtools') ||\n    // Filter out known extension
IDs\n    scriptUrl.includes(CHROME_WEBSTORE_EXTENSION_ID) ||\n
scriptUrl.includes(INTERNAL_EXTENSION_ID) ||\n    scriptUrl.includes(LOCAL_EXTENSION_ID)\n  ) {\n    //
Unfortunately this won't get everything, like relatively loaded chunks or Web Worker files.\n  }\n  return true;\n
}\n\n  // Filter out React internal packages.\n  const ranges = internalModuleSourceToRanges.get(scriptUrl);\n  if
(ranges != null) {\n    for (let i = 0; i < ranges.length; i++) {\n      const [startStackFrame, stopStackFrame] =
ranges[i];\n\n      const isAfterStart =\n        locationLine > startStackFrame.lineNumber ||\n        (locationLine ===
startStackFrame.lineNumber &&\n        locationColumn >= startStackFrame.columnNumber);\n      const
isBeforeStop =\n        locationLine < stopStackFrame.lineNumber ||\n        (locationLine ===
stopStackFrame.lineNumber &&\n        locationColumn <= stopStackFrame.columnNumber);\n\n      if
(isAfterStart && isBeforeStop) {\n        return true;\n      }\n    }\n  }\n\n  return false;\n}\n\n"/**\n * Copyright (c)
Facebook, Inc. and its affiliates.\n */\n * This source code is licensed under the MIT license found in the\n *
LICENSE file in the root directory of this source tree.\n */\n * @flow\n */\n\n type ColorSpace = number | {\n  min:
number, max: number, count?: number\n};\n\n// Docstrings from
https://www.w3schools.com/css/css_colors_hsl.asp\n\n type HslaColor = $ReadOnly<{\n  /** Hue is a degree on the
color wheel from 0 to 360. 0 is red, 120 is green, and 240 is blue. *\n  h: number,\n  /** Saturation is a percentage
value, 0% means a shade of gray, and 100% is the full color. *\n  s: number,\n  /** Lightness is a percentage, 0% is
black, 50% is neither light or dark, 100% is white. *\n  l: number,\n  /** Alpha is a percentage, 0% is fully
transparent, and 100 is not transparent at all. *\n  a: number,\n}>;\n\n export function hslaColorToString({h, s, l, a}:
HslaColor): string {\n  return `hsl(${h}deg ${s}% ${l}% / ${a})`;\n}\n\n export function dimmedColor(color:
HslaColor, dimDelta: number): HslaColor {\n  return {\n    ...color,\n    l: color.l - dimDelta,\n  };\n}\n\n// Source:
https://source.chromium.org/chromium/chromium/src/+/master:out/Debug/gen/devtools/platform/utilities.js;l=120\n\n
function hashCode(string: string): number {\n  // Hash algorithm for substrings is described in "Über die
Komplexität der Multiplikation in\n  // eingeschränkten Branchingprogrammmodellen" by Woelfe.\n  //
http://opendatastructures.org/versions/edition-0.1d/ods-java/node33.html#SECTION00832000000000000000\n

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const p = (1 << 30) * 4 - 5; // prime: 2^32 - 5\n const z = 0x5033d967; // 32 bits from random.org\n const z2 =
0x59d2f15d; // random odd 32 bit number\n let s = 0;\n let zi = 1;\n for (let i = 0; i < string.length; i++) {\n const
xi = string.charCodeAtAt(i) * z2;\n s = (s + zi * xi) % p;\n zi = (zi * z) % p;\n }\n s = (s + zi * (p - 1)) % p;\n
return Math.abs(s | 0);\n}\n\nfunction indexToValueInSpace(index: number, space: ColorSpace): number {\n if
(typeof space === 'number') {\n return space;\n }\n const count = space.count || space.max - space.min;\n index
%= count;\n return (\n space.min + Math.floor((index / (count - 1)) * (space.max - space.min))\n );\n}\n\n/**\n *
Deterministic color generator.\n *\n * Adapted from:\n
https://source.chromium.org/chromium/chromium/src/+/master:out/Debug/gen/devtools/common/Color.js\n
*\n\nexport class ColorGenerator {\n _hueSpace: ColorSpace;\n _satSpace: ColorSpace;\n _lightnessSpace:
ColorSpace;\n _alphaSpace: ColorSpace;\n _colors: Map<string, HslaColor>;\n\n constructor(\n hueSpace?:
ColorSpace,\n satSpace?: ColorSpace,\n lightnessSpace?: ColorSpace,\n alphaSpace?: ColorSpace,\n ) {\n
this._hueSpace = hueSpace || {min: 0, max: 360};\n this._satSpace = satSpace || 67;\n this._lightnessSpace =
lightnessSpace || 80;\n this._alphaSpace = alphaSpace || 1;\n this._colors = new Map();\n }\n\n
setColorForID(id: string, color: HslaColor) {\n this._colors.set(id, color);\n }\n\n colorForID(id: string):
HslaColor {\n const cachedColor = this._colors.get(id);\n if (cachedColor) {\n return cachedColor;\n }\n
const color = this._generateColorForID(id);\n this._colors.set(id, color);\n return color;\n }\n\n
_generateColorForID(id: string): HslaColor {\n const hash = hashCode(id);\n return {\n h:
indexToValueInSpace(hash, this._hueSpace),\n s: indexToValueInSpace(hash >> 8, this._satSpace),\n l:
indexToValueInSpace(hash >> 16, this._lightnessSpace),\n a: indexToValueInSpace(hash >> 24,
this._alphaSpace),\n }; }\n}\n\n", "*/\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code
is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n *
@flow\n */\n\nimport type {\n Flamechart,\n FlamechartStackFrame,\n FlamechartStackLayer,\n
InternalModuleSourceToRanges,\n } from './types';\nimport type {\n Interaction,\n MouseMoveInteraction,\n
Rect,\n Size,\n ViewRefs,\n } from './view-base';\n\nimport {\n BackgroundColorView,\n Surface,\n View,\n
layeredLayout,\n rectContainsPoint,\n intersectionOfRects,\n rectIntersectsRect,\n verticallyStackedLayout,\n }
from './view-base';\nimport {isInternalModule} from './utils/moduleFilters';\nimport {\n durationToWidth,\n
positioningScaleFactor,\n timestampToPosition,\n } from './utils/positioning';\nimport {drawText} from
 './utils/text';\nimport {\n COLORS,\n FLAMECHART_FRAME_HEIGHT,\n COLOR_HOVER_DIM_DELTA,\n
BORDER_SIZE,\n } from './constants';\nimport {ColorGenerator, dimmedColor, hslaColorToString} from
 './utils/colors';\n\n// Source:\n
https://source.chromium.org/chromium/chromium/src/+/master:out/Debug/gen/devtools/timeline/TimelineUIUtils.js
;l=2109;dr=fb32e928d79707a693351b806b8710b2f6b7d399\nconst colorGenerator = new ColorGenerator(\n
{min: 30, max: 330},\n {min: 50, max: 80, count: 3},\n 85,\n);\n\ncolorGenerator.setColorForID(", {h: 43.6, s: 45.8,
l: 90.6, a: 100});\n\nfunction defaultHslaColorForStackFrame({scriptId}: FlamechartStackFrame) {\n return
colorGenerator.colorForID(scriptId ?? "");\n}\n\nfunction defaultColorForStackFrame(stackFrame:
FlamechartStackFrame): string {\n const color = defaultHslaColorForStackFrame(stackFrame);\n return
hslaColorToString(color);\n}\n\nfunction hoverColorForStackFrame(stackFrame: FlamechartStackFrame): string
{\n const color = dimmedColor(\n defaultHslaColorForStackFrame(stackFrame),\n
COLOR_HOVER_DIM_DELTA,\n );\n return hslaColorToString(color);\n}\n\n\nclass FlamechartStackLayerView
extends View {\n /** Layer to display */\n _stackLayer: FlamechartStackLayer;\n\n /** A set of `stackLayer`'s
frames, for efficient lookup. */\n _stackFrameSet: Set<FlamechartStackFrame>;\n\n
_internalModuleSourceToRanges: InternalModuleSourceToRanges;\n\n _intrinsicSize: Size;\n\n
_hoveredStackFrame: FlamechartStackFrame | null = null;\n _onHover: ((node: FlamechartStackFrame | null) =>
void) | null = null;\n\n constructor(\n surface: Surface,\n frame: Rect,\n stackLayer: FlamechartStackLayer,\n
internalModuleSourceToRanges: InternalModuleSourceToRanges,\n duration: number,\n ) {\n super(surface,
frame);\n this._stackLayer = stackLayer;\n this._stackFrameSet = new Set(stackLayer);\n
this._internalModuleSourceToRanges = internalModuleSourceToRanges;\n this._intrinsicSize = {\n width:
duration,\n height: FLAMECHART_FRAME_HEIGHT,\n }; }\n\n desiredSize() {\n return

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this._intrinsicSize;\n }\n\n setHoveredFlamechartStackFrame(\n  hoveredStackFrame: FlamechartStackFrame |
null,\n ) {\n  if (this._hoveredStackFrame === hoveredStackFrame) {\n    return; // We're already hovering over
this frame\n  }\n\n  // Only care about frames displayed by this view.\n  const stackFrameToSet =\n  hoveredStackFrame && this._stackFrameSet.has(hoveredStackFrame)\n    ? hoveredStackFrame\n    : null;\n  if (this._hoveredStackFrame === stackFrameToSet) {\n    return; // Resulting state is unchanged\n  }\n  this._hoveredStackFrame = stackFrameToSet;\n  this.setNeedsDisplay();\n }\n\n draw(context:
CanvasRenderingContext2D) {\n  const {\n    frame,\n    _stackLayer,\n    _hoveredStackFrame,\n    _intrinsicSize,\n    visibleArea,\n  } = this;\n  context.fillStyle = COLORS.PRIORITY_BACKGROUND;\n  context.fillRect(\n    visibleArea.origin.x,\n    visibleArea.origin.y,\n    visibleArea.size.width,\n    visibleArea.size.height,\n  );\n\n  const scaleFactor = positioningScaleFactor(_intrinsicSize.width, frame);\n  for (let i = 0; i < _stackLayer.length; i++) {\n    const stackFrame = _stackLayer[i];\n    const {name, timestamp,
duration} = stackFrame;\n    const width = durationToWidth(duration, scaleFactor);\n    if (width < 1) {\n      continue; // Too small to render at this zoom level\n    }\n    const x =
Math.floor(timestampToPosition(timestamp, scaleFactor, frame));\n    const nodeRect: Rect = {\n      origin: {x, y:
frame.origin.y},\n      size: {\n        width: Math.floor(width - BORDER_SIZE),\n        height:
Math.floor(FLAMECHART_FRAME_HEIGHT - BORDER_SIZE),\n      },\n    }; \n    if
(!rectIntersectsRect(nodeRect, visibleArea)) {\n      continue; // Not in view\n    }\n    const
showHoverHighlight = _hoveredStackFrame === _stackLayer[i];\n    let textFillStyle;\n    if
(isInternalModule(this._internalModuleSourceToRanges, stackFrame)) {\n      context.fillStyle =
showHoverHighlight\n        ? COLORS.INTERNAL_MODULE_FRAME_HOVER\n        :
COLORS.INTERNAL_MODULE_FRAME;\n      textFillStyle =
COLORS.INTERNAL_MODULE_FRAME_TEXT;\n    } else {\n      context.fillStyle = showHoverHighlight\n
        ? hoverColorForStackFrame(stackFrame)\n        : defaultColorForStackFrame(stackFrame);\n      textFillStyle
= COLORS.TEXT_COLOR;\n    }\n    const drawableRect = intersectionOfRects(nodeRect, visibleArea);\n
context.fillRect(\n    drawableRect.origin.x,\n    drawableRect.origin.y,\n    drawableRect.size.width,\n
drawableRect.size.height,\n  );\n    drawText(name, context, nodeRect, drawableRect, {\n      fillStyle:
textFillStyle,\n    });\n  }\n\n  // Render bottom border.\n  const borderFrame: Rect = {\n    origin: {\n      x:
frame.origin.x,\n      y: frame.origin.y + FLAMECHART_FRAME_HEIGHT - BORDER_SIZE,\n    },\n    size:
{\n      width: frame.size.width,\n      height: BORDER_SIZE,\n    },\n  }; \n  if
(rectIntersectsRect(borderFrame, visibleArea)) {\n    const borderDrawableRect =
intersectionOfRects(borderFrame, visibleArea);\n    context.fillStyle = COLORS.PRIORITY_BORDER;\n
context.fillRect(\n    borderDrawableRect.origin.x,\n    borderDrawableRect.origin.y,\n
borderDrawableRect.size.width,\n    borderDrawableRect.size.height,\n  );\n  }\n }\n\n /**\n * @private\n
*\n */_\n _handleMouseMove(interaction: MouseMoveInteraction, viewRefs: ViewRefs) {\n  const [_stackLayer,
frame, _intrinsicSize, _onHover, visibleArea] = this;\n  const {location} = interaction.payload;\n  if (!_onHover ||
!rectContainsPoint(location, visibleArea)) {\n    return;\n  }\n\n  // Find the node being hovered over.\n  const
scaleFactor = positioningScaleFactor(_intrinsicSize.width, frame);\n  let startIndex = 0;\n  let stopIndex =
_stackLayer.length - 1;\n  while (startIndex <= stopIndex) {\n    const currentIndex = Math.floor((startIndex +
stopIndex) / 2);\n    const flamechartStackFrame = _stackLayer[currentIndex];\n    const {timestamp, duration} =
flamechartStackFrame;\n    const x = Math.floor(timestampToPosition(timestamp, scaleFactor, frame));\n
const width = durationToWidth(duration, scaleFactor);\n\n    // Don't show tooltips for nodes that are too small to
render at this zoom level.\n    if (Math.floor(width - BORDER_SIZE) >= 1) {\n      if (x <= location.x && x +
width >= location.x) {\n        this.currentCursor = 'context-menu';\n        viewRefs.hoveredView = this;\n
_onHover(flamechartStackFrame);\n        return;\n      }\n    }\n    if (x > location.x) {\n      stopIndex =
currentIndex - 1;\n    } else {\n      startIndex = currentIndex + 1;\n    }\n  }\n  _onHover(null);\n }\n\n
_didGrab: boolean = false;\n\n handleInteraction(interaction: Interaction, viewRefs: ViewRefs) {\n  switch
(interaction.type) {\n    case 'mousemove':\n      this._handleMouseMove(interaction, viewRefs);\n      break;\n  }\n }\n }\n\nexport class FlamechartView extends View {\n  _flamechartRowViews: FlamechartStackLayerView[]

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= [];\n\n /** Container view that vertically stacks flamechart rows */\n _verticalStackView: View;\n\n _hoveredStackFrame: FlamechartStackFrame | null = null;\n\n _onHover: ((node: FlamechartStackFrame | null) => void) | null = null;\n\n constructor(\n  surface: Surface,\n  frame: Rect,\n  flamechart: Flamechart,\n  internalModuleSourceToRanges: InternalModuleSourceToRanges,\n  duration: number,\n  ) {\n  super(surface,\n  frame, layeredLayout);\n  this.setDataAndUpdateSubviews(\n    flamechart,\n    internalModuleSourceToRanges,\n    duration,\n  );\n }\n\n setDataAndUpdateSubviews(\n  flamechart: Flamechart,\n  internalModuleSourceToRanges: InternalModuleSourceToRanges,\n  duration: number,\n ) {\n  const {surface, frame, _onHover, _hoveredStackFrame} = this;\n  // Clear existing rows on data update\n  if (this._verticalStackView) {\n    this.removeAllSubviews();\n    this._flamechartRowViews = [];\n  }\n\n  this._verticalStackView = new View(surface, frame, verticallyStackedLayout);\n  this._flamechartRowViews = flamechart.map(stackLayer => {\n    const rowView = new FlamechartStackLayerView(\n      surface,\n      frame,\n      stackLayer,\n      internalModuleSourceToRanges,\n      duration,\n    );\n\n    this._verticalStackView.addSubview(rowView);\n    // Update states\n    rowView._onHover = _onHover;\n    rowView.setHoveredFlamechartStackFrame(_hoveredStackFrame);\n    return rowView;\n  });\n\n  // Add a plain background view to prevent gaps from appearing between flamechartRowViews.\n  this.addSubview(new BackgroundColorView(surface, frame));\n  this.addSubview(this._verticalStackView);\n }\n\n setHoveredFlamechartStackFrame(\n  hoveredStackFrame: FlamechartStackFrame | null,\n  ) {\n  this._hoveredStackFrame = hoveredStackFrame;\n  this._flamechartRowViews.forEach(rowView => {\n    rowView.setHoveredFlamechartStackFrame(hoveredStackFrame);\n  });\n }\n\n setOnHover(onHover: (node: FlamechartStackFrame | null) => void) {\n  this._onHover = onHover;\n\n  this._flamechartRowViews.forEach(rowView => (rowView._onHover = onHover));\n }\n\n desiredSize() {\n  // Ignore the wishes of the background color view\n  const intrinsicSize = this._verticalStackView.desiredSize();\n  return {\n    ...intrinsicSize,\n    // Collapsed by default\n    maxHeight: 0,\n  }; }\n\n /**\n  *\n  * @private\n  */\n\n _handleMouseMove(interaction: MouseMoveInteraction) {\n  const {_onHover, visibleArea} = this;\n  if (!_onHover) {\n    return;\n  }\n\n  const {location} = interaction.payload;\n  if (!rectContainsPoint(location, visibleArea)) {\n    // Clear out any hovered flamechart stack frame\n    _onHover(null);\n  }\n }\n\n handleInteraction(interaction: Interaction) {\n  switch (interaction.type) {\n    case 'mousemove':\n      this._handleMouseMove(interaction);\n      break;\n  }\n }\n\n"/**\n * Copyright (c)\n * Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n * @flow\n */\n\nimport type {NativeEvent, ReactProfilerData} from '../types';\nimport type {\n  Interaction,\n  IntrinsicSize,\n  MouseMoveInteraction,\n  Rect,\n  ViewRefs,\n} from '../view-base';\nimport {\n  durationToWidth,\n  positioningScaleFactor,\n  positionToTimestamp,\n  timestampToPosition,\n} from './utils/positioning';\nimport {drawText} from './utils/text';\nimport {formatDuration} from './utils/formatting';\nimport {\n  View,\n  Surface,\n  rectContainsPoint,\n  rectIntersectsRect,\n  intersectionOfRects,\n} from '../view-base';\nimport {COLORS, NATIVE_EVENT_HEIGHT, BORDER_SIZE} from './constants';\n\nconst ROW_WITH_BORDER_HEIGHT = NATIVE_EVENT_HEIGHT + BORDER_SIZE;\n\nexport class NativeEventsView extends View {\n  _depthToNativeEvent: Map<number, NativeEvent[]>;\n  _hoveredEvent: NativeEvent | null = null;\n  _intrinsicSize: IntrinsicSize;\n  _maxDepth: number = 0;\n  _profilerData: ReactProfilerData;\n\n  onHover: ((event: NativeEvent | null) => void) | null = null;\n\n  constructor(surface: Surface, frame: Rect, profilerData: ReactProfilerData) {\n    super(surface, frame);\n\n    this._profilerData = profilerData;\n\n    this._performPreflightComputations();\n  }\n\n  _performPreflightComputations() {\n    this._depthToNativeEvent = new Map();\n\n    const {duration, nativeEvents} = this._profilerData;\n\n    nativeEvents.forEach(event => {\n      const depth = event.depth;\n\n      this._maxDepth = Math.max(this._maxDepth, depth);\n\n      if (!this._depthToNativeEvent.has(depth)) {\n        this._depthToNativeEvent.set(depth, [event]);\n      } else {\n        // $FlowFixMe This is unnecessary.\n        this._depthToNativeEvent.get(depth).push(event);\n      }\n    });\n\n    this._intrinsicSize = {\n      width: duration,\n      height: (this._maxDepth + 1) * ROW_WITH_BORDER_HEIGHT,\n      hideScrollBarIfLessThanHeight: ROW_WITH_BORDER_HEIGHT,\n    };\n  }\n}

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};\n }\n\n desiredSize() {\n  return this._intrinsicSize;\n }\n\n setHoveredEvent(hoveredEvent: NativeEvent | null) {\n  if (this._hoveredEvent === hoveredEvent) {\n    return;\n  }\n  this._hoveredEvent = hoveredEvent;\n  this.setNeedsDisplay();\n }\n\n /**\n  * Draw a single `NativeEvent` as a box/span with text inside of it.\n  *\n  _drawSingleNativeEvent(\n    context: CanvasRenderingContext2D,\n    rect: Rect,\n    event: NativeEvent,\n    baseY: number,\n    scaleFactor: number,\n    showHoverHighlight: boolean,\n  ) {\n    const {frame} = this;\n    const {depth, duration, timestamp, type, warning} = event;\n    baseY += depth * ROW_WITH_BORDER_HEIGHT;\n\n    const xStart = timestampToPosition(timestamp, scaleFactor, frame);\n    const xStop = timestampToPosition(timestamp + duration, scaleFactor, frame);\n    const eventRect: Rect = {\n      origin: {\n        x: xStart,\n        y: baseY,\n      },\n      size: {width: xStop - xStart, height: NATIVE_EVENT_HEIGHT},\n    }; \n    if (!rectIntersectsRect(eventRect, rect)) {\n      return; // Not in view\n    }\n\n    const width = durationToWidth(duration, scaleFactor);\n    if (width < 1) {\n      return; // Too small to render at this zoom level\n    }\n\n    const drawableRect = intersectionOfRects(eventRect, rect);\n    context.beginPath();\n    if (warning !== null) {\n      context.fillStyle = showHoverHighlight ? \n        COLORS.WARNING_BACKGROUND_HOVER\n      : COLORS.WARNING_BACKGROUND;\n    } else {\n      context.fillStyle = showHoverHighlight\n        ? COLORS.NATIVE_EVENT_HOVER\n      : \n        COLORS.NATIVE_EVENT;\n    }\n    context.fillRect(\n      drawableRect.origin.x,\n      drawableRect.origin.y,\n      drawableRect.size.width,\n      drawableRect.size.height,\n    );\n\n    const label = `${type} - ${formatDuration(duration)} `;\n    drawText(label, context, eventRect, drawableRect);\n  }\n\n  draw(context: CanvasRenderingContext2D) {\n    const {\n      frame,\n      _profilerData: {nativeEvents},\n      _hoveredEvent,\n      visibleArea,\n    } = this;\n    context.fillStyle = COLORS.PRIORITY_BACKGROUND;\n    context.fillRect(\n      visibleArea.origin.x,\n      visibleArea.origin.y,\n      visibleArea.size.width,\n      visibleArea.size.height,\n    );\n\n    // Draw events\n    const scaleFactor = positioningScaleFactor(\n      this._intrinsicSize.width,\n      frame,\n    );\n    nativeEvents.forEach(event => {\n      this._drawSingleNativeEvent(\n        context,\n        visibleArea,\n        event,\n        frame.origin.y,\n        scaleFactor,\n        event === _hoveredEvent,\n      );\n    });\n\n    // Render bottom borders.\n    for (let i = 0; i <= this._maxDepth; i++) {\n      const borderFrame: Rect = {\n        origin: {\n          x: frame.origin.x,\n          y: frame.origin.y + NATIVE_EVENT_HEIGHT,\n        },\n        size: {\n          width: frame.size.width,\n          height: BORDER_SIZE,\n        },\n      }; \n      if (rectIntersectsRect(borderFrame, visibleArea)) {\n        const borderDrawableRect = intersectionOfRects(\n          borderFrame,\n          visibleArea,\n        );\n        context.fillStyle = COLORS.PRIORITY_BORDER;\n        context.fillRect(\n          borderDrawableRect.origin.x,\n          borderDrawableRect.origin.y,\n          borderDrawableRect.size.width,\n          borderDrawableRect.size.height,\n        );\n      }\n    }\n  }\n}\n\n /**\n  * @private\n  *\n  _handleMouseMove(interaction: MouseMoveInteraction, viewRefs: ViewRefs) {\n    const {frame, _intrinsicSize, onHover, visibleArea} = this;\n    if (!onHover) {\n      return;\n    }\n\n    const {location} = interaction.payload;\n    if (!rectContainsPoint(location, visibleArea)) {\n      onHover(null);\n      return;\n    }\n\n    const scaleFactor = positioningScaleFactor(_intrinsicSize.width, frame);\n    const hoverTimestamp = positionToTimestamp(location.x, scaleFactor, frame);\n\n    const adjustedCanvasMouseY = location.y - frame.origin.y;\n    const depth = Math.floor(adjustedCanvasMouseY / ROW_WITH_BORDER_HEIGHT);\n    const nativeEventsAtDepth = this._depthToNativeEvent.get(depth);\n    if (nativeEventsAtDepth) {\n      // Find the event being hovered over.\n      for (let index = nativeEventsAtDepth.length - 1; index >= 0; index--) {\n        const nativeEvent = nativeEventsAtDepth[index];\n        const {duration, timestamp} = nativeEvent;\n        if (\n          hoverTimestamp >= timestamp &&\n          hoverTimestamp <= timestamp + duration\n        ) {\n          viewRefs.hoveredView = this;\n          onHover(nativeEvent);\n          return;\n        }\n      }\n      onHover(null);\n    }\n\n    handleInteraction(interaction: Interaction, viewRefs: ViewRefs) {\n      switch (interaction.type) {\n        case 'mousemove':\n          this._handleMouseMove(interaction, viewRefs);\n          break;\n      }\n    },\n  );\n}\n\n /**\n  * Copyright (c) Facebook, Inc. and its affiliates.\n  *\n  * This source code is licensed under the MIT license found in the\n  * LICENSE file in the root directory of this source tree.\n  *\n  * @flow\n  */\n\n import type {NetworkMeasure, ReactProfilerData} from './types';\n import type {\n   Interaction,\n   IntrinsicSize,\n   MouseMoveInteraction,\n   Rect,\n   ViewRefs,\n } from './view-base';\n import {\n   durationToWidth,\n   positioningScaleFactor,\n }
```

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positionToTimestamp,\n timestampToPosition,\n} from './utils/positioning';\nimport {drawText} from
 './utils/text';\nimport {formatDuration} from './utils/formatting';\nimport {\n View,\n Surface,\n
rectContainsPoint,\n rectIntersectsRect,\n intersectionOfRects,\n} from './view-base';\nimport {BORDER_SIZE,
 COLORS, SUSPENSE_EVENT_HEIGHT} from './constants';\nconst HEIGHT =
SUSPENSE_EVENT_HEIGHT; // TODO Constant name\nconst ROW_WITH_BORDER_HEIGHT = HEIGHT +
BORDER_SIZE;\n\nconst BASE_URL_REGEX = /^[^:]+\:\/\/\^[^\/]+$/;\n\nexport class NetworkMeasuresView
extends View {\n  _depthToNetworkMeasure: Map<number, NetworkMeasure[]>;\n  _hoveredNetworkMeasure:
NetworkMeasure | null = null;\n  _intrinsicSize: IntrinsicSize;\n  _maxDepth: number = 0;\n  _profilerData:
ReactProfilerData;\n\n  onHover: ((event: NetworkMeasure | null) => void) | null = null;\n\n  constructor(surface:
Surface, frame: Rect, profilerData: ReactProfilerData) {\n    super(surface, frame);\n\n    this._profilerData =
profilerData;\n\n    this._performPreflightComputations();\n  }\n\n  _performPreflightComputations() {\n
this._depthToNetworkMeasure = new Map();\n\n    const {duration, networkMeasures} = this._profilerData;\n\n
networkMeasures.forEach(event => {\n      const depth = event.depth;\n\n      this._maxDepth =
Math.max(this._maxDepth, depth);\n\n      if (!this._depthToNetworkMeasure.has(depth)) {\n
this._depthToNetworkMeasure.set(depth, [event]);\n      } else {\n        // $FlowFixMe This is unnecessary.\n
this._depthToNetworkMeasure.get(depth).push(event);\n      }\n    });\n\n    this._intrinsicSize = {\n      width:
duration,\n      height: (this._maxDepth + 1) * ROW_WITH_BORDER_HEIGHT,\n      // Collapsed by default\n
maxInitialHeight: 0,\n    };\n  }\n\n  desiredSize() {\n    return this._intrinsicSize;\n  }\n\n  setHoveredEvent(networkMeasure: NetworkMeasure | null) {\n    if (this._hoveredNetworkMeasure ===
networkMeasure) {\n      return;\n    }\n\n    this._hoveredNetworkMeasure = networkMeasure;\n\n
this.setNeedsDisplay();\n  }\n\n  /**\n   * Draw a single `NetworkMeasure` as a box/span with text inside of it.\n
*/\n  _drawSingleNetworkMeasure(\n    context: CanvasRenderingContext2D,\n    networkMeasure:
NetworkMeasure,\n    baseY: number,\n    scaleFactor: number,\n    showHoverHighlight: boolean,\n  ) {\n    const
{frame, visibleArea} = this;\n    const {\n      depth,\n      finishTimestamp,\n      firstReceivedDataTimestamp,\n
lastReceivedDataTimestamp,\n      receiveResponseTimestamp,\n      sendRequestTimestamp,\n      url,\n    } =
networkMeasure;\n\n    // Account for requests that did not complete while we were profiling.\n    // As well as
requests that did not receive data before finish (cached?).\n    const duration = this._profilerData.duration;\n    const
timestampBegin = sendRequestTimestamp;\n    const timestampEnd =\n      finishTimestamp ||\n      lastReceivedDataTimestamp || duration;\n    const timestampMiddle =\n      receiveResponseTimestamp ||\n      firstReceivedDataTimestamp || timestampEnd;\n\n    // Convert all timestamps to x coordinates.\n    const xStart =
timestampToPosition(timestampBegin, scaleFactor, frame);\n    const xMiddle =
timestampToPosition(timestampMiddle, scaleFactor, frame);\n    const xStop =
timestampToPosition(timestampEnd, scaleFactor, frame);\n\n    const width = durationToWidth(xStop - xStart,
scaleFactor);\n    if (width < 1) {\n      return; // Too small to render at this zoom level\n    }\n\n    baseY += depth *
ROW_WITH_BORDER_HEIGHT;\n\n    const outerRect: Rect = {\n      origin: {\n        x: xStart,\n        y: baseY,\n
      },\n      size: {\n        width: xStop - xStart,\n        height: HEIGHT,\n      },\n    }; \n    if
(!rectIntersectsRect(outerRect, visibleArea)) {\n      return; // Not in view\n    }\n\n    // Draw the secondary rect first
(since it also shows as a thin border around the primary rect).\n    let rect = {\n      origin: {\n        x: xStart,\n
        y: baseY,\n      },\n      size: {\n        width: xStop - xStart,\n        height: HEIGHT,\n      },\n    }; \n    if
(rectIntersectsRect(rect, visibleArea)) {\n      context.beginPath();\n      context.fillStyle =\n
this._hoveredNetworkMeasure === networkMeasure\n        ? COLORS.NETWORK_SECONDARY_HOVER\n
        : COLORS.NETWORK_SECONDARY;\n      context.fillRect(\n        rect.origin.x,\n        rect.origin.y,\n
rect.size.width,\n        rect.size.height,\n      );\n    }\n\n    rect = {\n      origin: {\n        x: xStart + BORDER_SIZE,\n
        y: baseY + BORDER_SIZE,\n      },\n      size: {\n        width: xMiddle - xStart - BORDER_SIZE,\n        height:
HEIGHT - BORDER_SIZE * 2,\n      },\n    }; \n    if (rectIntersectsRect(rect, visibleArea)) {\n
context.beginPath();\n      context.fillStyle =\n        this._hoveredNetworkMeasure === networkMeasure\n          ?
COLORS.NETWORK_PRIMARY_HOVER\n          : COLORS.NETWORK_PRIMARY;\n      context.fillRect(\n
        rect.origin.x,\n        rect.origin.y,\n        rect.size.width,\n        rect.size.height,\n      );\n    }\n\n    const baseUrl =

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url.match(BASE_URL_REGEX);\n  const displayUrl = baseUrl !== null ? baseUrl[1] : url;\n\n  const
durationLabel =\n    finishTimestamp !== 0\n      ? `${formatDuration(finishTimestamp -
sendRequestTimestamp)} -`
      : ` `;\n\n  const label = durationLabel + displayUrl;\n\n  drawText(label,
context, outerRect, visibleArea);\n}

draw(context: CanvasRenderingContext2D) {\n  const {\n    frame,\n    _profilerData: {networkMeasures},\n    _hoveredNetworkMeasure,\n    visibleArea,\n  } = this;\n\n  context.fillStyle = COLORS.PRIORITY_BACKGROUND;\n  context.fillRect(\n    visibleArea.origin.x,\n    visibleArea.origin.y,\n    visibleArea.size.width,\n    visibleArea.size.height,\n  );\n\n  const scaleFactor =
positioningScaleFactor(\n    this._intrinsicSize.width,\n    frame,\n  );\n\n  networkMeasures.forEach(networkMeasure => {\n    this._drawSingleNetworkMeasure(\n      context,\n      networkMeasure,\n      frame.origin.y,\n      scaleFactor,\n      networkMeasure === _hoveredNetworkMeasure,\n    );\n  });\n\n  // Render bottom borders.\n  for (let i = 0; i <= this._maxDepth; i++) {\n    const borderFrame:
Rect = {\n      origin: {\n        x: frame.origin.x,\n        y: frame.origin.y + (i + 1) *
ROW_WITH_BORDER_HEIGHT - BORDER_SIZE,\n      },\n      size: {\n        width: frame.size.width,\n        height: BORDER_SIZE,\n      },\n    };
if (rectIntersectsRect(borderFrame, visibleArea)) {\n      const
borderDrawableRect = intersectionOfRects(\n        borderFrame,\n        visibleArea,\n      );\n      context.fillStyle = COLORS.PRIORITY_BORDER;\n      context.fillRect(\n        borderDrawableRect.origin.x,\n        borderDrawableRect.origin.y,\n        borderDrawableRect.size.width,\n        borderDrawableRect.size.height,\n      );\n    }\n  }\n}

_handleMouseMove(interaction: MouseMoveInteraction, viewRefs: ViewRefs) {\n  const {frame, _intrinsicSize,
onHover, visibleArea} = this;\n  if (!onHover) {\n    return;\n  }\n\n  const {location} = interaction.payload;\n  if (!rectContainsPoint(location, visibleArea)) {\n    onHover(null);\n    return;\n  }\n\n  const scaleFactor =
positioningScaleFactor(_intrinsicSize.width, frame);\n  const hoverTimestamp = positionToTimestamp(location.x,
scaleFactor, frame);\n\n  const adjustedCanvasMouseY = location.y - frame.origin.y;\n  const depth =
Math.floor(adjustedCanvasMouseY / ROW_WITH_BORDER_HEIGHT);\n  const networkMeasuresAtDepth =
this._depthToNetworkMeasure.get(depth);\n\n  const duration = this._profilerData.duration;\n\n  if
(networkMeasuresAtDepth) {\n    // Find the event being hovered over.\n    for (let index =
networkMeasuresAtDepth.length - 1; index >= 0; index--) {\n      const networkMeasure =
networkMeasuresAtDepth[index];\n      const {\n        finishTimestamp,\n        lastReceivedDataTimestamp,\n        sendRequestTimestamp,\n      } = networkMeasure;\n\n      const timestampBegin = sendRequestTimestamp;\n      const timestampEnd =\n        finishTimestamp || lastReceivedDataTimestamp || duration;\n\n      if (\n        hoverTimestamp >= timestampBegin &&\n        hoverTimestamp <= timestampEnd\n      ) {\n        this.currentCursor = 'context-menu';\n        viewRefs.hoveredView = this;\n        onHover(networkMeasure);\n        return;\n      }\n    }\n\n    if (viewRefs.hoveredView === this) {\n      viewRefs.hoveredView = null;\n    }\n\n    onHover(null);\n  }\n}

handleInteraction(interaction: Interaction, viewRefs: ViewRefs) {\n  switch
(interaction.type) {\n    case 'mousemove':\n      this._handleMouseMove(interaction, viewRefs);\n      break;\n  }\n}

/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the
MIT license found in the\n * LICENSE file in the root directory of this source tree.\n * @flow\n */\nimport
type {ReactLane, ReactMeasure, ReactProfilerData} from './types';\nimport type {\n  Interaction,\n  IntrinsicSize,\n  MouseMoveInteraction,\n  Rect,\n  ViewRefs,\n} from './view-base';\nimport {formatDuration} from
'./utils/formatting';\nimport {drawText} from './utils/text';\nimport {\n  durationToWidth,\n  positioningScaleFactor,\n  positionToTimestamp,\n  timestampToPosition,\n} from './utils/positioning';\nimport {\n  View,\n  Surface,\n  rectContainsPoint,\n  rectIntersectsRect,\n  intersectionOfRects,\n} from './view-base';\nimport {COLORS, BORDER_SIZE, REACT_MEASURE_HEIGHT} from './constants';\nimport
{REACT_TOTAL_NUM_LANES} from './constants';\nconst REACT_LANE_HEIGHT =
REACT_MEASURE_HEIGHT + BORDER_SIZE;\nconst MAX_ROWS_TO_SHOW_INITIALLY = 5;\nexport
class ReactMeasuresView extends View {\n  _intrinsicSize: IntrinsicSize;\n  _lanesToRender: ReactLane[];\n  _profilerData: ReactProfilerData;\n  _hoveredMeasure: ReactMeasure | null = null;\n\n  onHover: ((measure:
ReactMeasure | null) => void) | null = null;\n\n  constructor(surface: Surface, frame: Rect, profilerData:

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ReactProfilerData) {\n  super(surface, frame);\n  this._profilerData = profilerData;\n  this._performPreflightComputations();\n  }\n  _performPreflightComputations() {\n    this._lanesToRender = [];\n    for (let lane: ReactLane = 0; lane < REACT_TOTAL_NUM_LANES; lane++) {\n      const measuresForLane = this._profilerData.laneToReactMeasureMap.get(lane);\n      // Only show lanes with measures\n      if (measuresForLane != null && measuresForLane.length > 0) {\n        this._lanesToRender.push(lane);\n      }\n    }\n    this._intrinsicSize = {\n      width: this._profilerData.duration,\n      height: this._lanesToRender.length * REACT_LANE_HEIGHT,\n      hideScrollBarIfLessThanHeight: REACT_LANE_HEIGHT,\n      maxInitialHeight: MAX_ROWS_TO_SHOW_INITIALLY * REACT_LANE_HEIGHT,\n    };\n  }\n  desiredSize() {\n    return this._intrinsicSize;\n  }\n  setHoveredMeasure(hoveredMeasure: ReactMeasure | null) {\n    if (this._hoveredMeasure === hoveredMeasure) {\n      return;\n    }\n    this._hoveredMeasure = hoveredMeasure;\n    this.setNeedsDisplay();\n  }\n  /**\n   * Draw a single `ReactMeasure` as a bar in the canvas.\n   */\n  _drawSingleReactMeasure(context: CanvasRenderingContext2D, rect: Rect, measure: ReactMeasure, nextMeasure: ReactMeasure | null, baseY: number, scaleFactor: number, showGroupHighlight: boolean, showHoverHighlight: boolean) {\n    const {frame, visibleArea} = this;\n    const {timestamp, type, duration} = measure;\n    let fillStyle = null;\n    let hoveredFillStyle = null;\n    let groupSelectedFillStyle = null;\n    let textFillStyle = null;\n    // We could change the max to 0 and just skip over rendering anything that small,\n    // but this has the effect of making the chart look very empty when zoomed out.\n    // So long as perf is okay- it might be best to err on the side of showing things.\n    const width = durationToWidth(duration, scaleFactor);\n    if (width <= 0) {\n      return; // Too small to render at this zoom level\n    }\n    const x = timestampToPosition(timestamp, scaleFactor, frame);\n    const measureRect: Rect = {\n      origin: {x, y: baseY},\n      size: {width, height: REACT_MEASURE_HEIGHT},\n    };\n    if (!rectIntersectsRect(measureRect, rect)) {\n      return; // Not in view\n    }\n    const drawableRect = intersectionOfRects(measureRect, rect);\n    let textRect = measureRect;\n    switch (type) {\n      case 'commit':\n        fillStyle = COLORS.REACT_COMMIT;\n        hoveredFillStyle = COLORS.REACT_COMMIT_HOVER;\n        groupSelectedFillStyle = COLORS.REACT_COMMIT_HOVER;\n        textFillStyle = COLORS.REACT_COMMIT_TEXT;\n        // Commit phase rects are overlapped by layout and passive rects,\n        // and it looks bad if text flows underneath/behind these overlapped rects.\n        if (nextMeasure != null) {\n          // This clipping shouldn't apply for measures that don't overlap though,\n          // like passive effects that are processed after a delay,\n          // or if there are now layout or passive effects and the next measure is render or idle.\n          if (nextMeasure.timestamp < measure.timestamp + measure.duration) {\n            textRect = {\n              ...measureRect,\n              size: {\n                width: timestampToPosition(nextMeasure.timestamp, scaleFactor, frame) - x,\n                height: REACT_MEASURE_HEIGHT,\n              },\n            };\n          }\n          break;\n      case 'render-idle':\n        // We could render idle time as diagonal hashes.\n        // This looks nicer when zoomed in, but not so nice when zoomed out.\n        // color = context.createPattern(getIdlePattern(), 'repeat');\n        fillStyle = COLORS.REACT_IDLE;\n        hoveredFillStyle = COLORS.REACT_IDLE_HOVER;\n        groupSelectedFillStyle = COLORS.REACT_IDLE_HOVER;\n        break;\n      case 'render':\n        fillStyle = COLORS.REACT_RENDER;\n        hoveredFillStyle = COLORS.REACT_RENDER_HOVER;\n        groupSelectedFillStyle = COLORS.REACT_RENDER_HOVER;\n        textFillStyle = COLORS.REACT_RENDER_TEXT;\n        break;\n      case 'layout-effects':\n        fillStyle = COLORS.REACT_LAYOUT_EFFECTS;\n        hoveredFillStyle = COLORS.REACT_LAYOUT_EFFECTS_HOVER;\n        groupSelectedFillStyle = COLORS.REACT_LAYOUT_EFFECTS_HOVER;\n        textFillStyle = COLORS.REACT_LAYOUT_EFFECTS_TEXT;\n        break;\n      case 'passive-effects':\n        fillStyle = COLORS.REACT_PASSIVE_EFFECTS;\n        hoveredFillStyle = COLORS.REACT_PASSIVE_EFFECTS_HOVER;\n        groupSelectedFillStyle = COLORS.REACT_PASSIVE_EFFECTS_HOVER;\n        textFillStyle = COLORS.REACT_PASSIVE_EFFECTS_TEXT;\n        break;\n      default:\n        throw new Error(`Unexpected

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measure type \"${type}\"");\n };\n\n context.fillStyle = showHoverHighlight\n ? hoveredFillStyle\n :
showGroupHighlight\n ? groupSelectedFillStyle\n : fillStyle;\n context.fillRect(\n
drawableRect.origin.x,\n drawableRect.origin.y,\n drawableRect.size.width,\n drawableRect.size.height,\n
);\n\n if (textFillStyle !== null) {\n drawText(formatDuration(duration), context, textRect, visibleArea, {\n
fillStyle: textFillStyle,\n });\n }\n\n draw(context: CanvasRenderingContext2D) {\n const {\n
frame,\n _hoveredMeasure,\n _lanesToRender,\n _profilerData,\n visibleArea,\n } = this;\n\n context.fillStyle = COLORS.PRIORITY_BACKGROUND;\n context.fillRect(\n visibleArea.origin.x,\n
visibleArea.origin.y,\n visibleArea.size.width,\n visibleArea.size.height,\n );\n\n const scaleFactor =
positioningScaleFactor(\n this._intrinsicSize.width,\n frame,\n );\n\n for (let i = 0; i <
_lanesToRender.length; i++) {\n const lane = _lanesToRender[i];\n const baseY = frame.origin.y + i *
REACT_LANE_HEIGHT;\n const measuresForLane = _profilerData.laneToReactMeasureMap.get(lane);\n\n if (!measuresForLane) {\n throw new Error(\n 'No measures found for a React lane! This is a bug in this
profiler tool. Please file an issue.',\n );\n }\n\n // Render lane labels\n const label =
_profilerData.laneToLabelMap.get(lane);\n if (label == null) {\n console.warn('Could not find label for lane
${lane}.');\n } else {\n const labelRect = {\n origin: {\n x: visibleArea.origin.x,\n y:
baseY,\n },\n size: {\n width: visibleArea.size.width,\n height:
REACT_LANE_HEIGHT,\n },\n }; \n\n drawText(label, context, labelRect, visibleArea, {\n
fillStyle: COLORS.TEXT_DIM_COLOR,\n });\n }\n\n // Draw measures\n for (let j = 0; j <
measuresForLane.length; j++) {\n const measure = measuresForLane[j];\n const showHoverHighlight =
_hoveredMeasure === measure;\n const showGroupHighlight =\n !!_hoveredMeasure &&
_hoveredMeasure.batchUID === measure.batchUID;\n\n this._drawSingleReactMeasure(\n context,\n
visibleArea,\n measure,\n measuresForLane[j + 1] || null,\n baseY,\n scaleFactor,\n
showGroupHighlight,\n showHoverHighlight,\n );\n }\n\n // Render bottom border\n const
borderFrame: Rect = {\n origin: {\n x: frame.origin.x,\n y: frame.origin.y + (i + 1) *
REACT_LANE_HEIGHT - BORDER_SIZE,\n },\n size: {\n width: frame.size.width,\n height:
BORDER_SIZE,\n },\n }; \n\n if (rectIntersectsRect(borderFrame, visibleArea)) {\n const
borderDrawableRect = intersectionOfRects(\n borderFrame,\n visibleArea,\n );\n\n context.fillStyle = COLORS.PRIORITY_BORDER;\n context.fillRect(\n borderDrawableRect.origin.x,\n
borderDrawableRect.origin.y,\n borderDrawableRect.size.width,\n
borderDrawableRect.size.height,\n );\n }\n }\n }\n\n /**\n * @private\n */\n
_handleMouseMove(interaction: MouseMoveInteraction, viewRefs: ViewRefs) {\n const {\n frame,\n
_intrinsicSize,\n _lanesToRender,\n onHover,\n _profilerData,\n visibleArea,\n } = this;\n\n if
(!onHover) {\n return;\n }\n\n const {location} = interaction.payload;\n if (!rectContainsPoint(location,
visibleArea)) {\n onHover(null);\n return;\n }\n\n // Identify the lane being hovered over\n const
adjustedCanvasMouseY = location.y - frame.origin.y;\n const renderedLaneIndex = Math.floor(\n
adjustedCanvasMouseY / REACT_LANE_HEIGHT,\n );\n\n if (renderedLaneIndex < 0 || renderedLaneIndex >=
_lanesToRender.length) {\n onHover(null);\n return;\n }\n\n const lane =
_lanesToRender[renderedLaneIndex];\n\n // Find the measure in `lane` being hovered over.\n //\n // Because
data ranges may overlap, we want to find the last intersecting item.\n // This will always be the one on `top` (the
one the user is hovering over).\n const scaleFactor = positioningScaleFactor(_intrinsicSize.width, frame);\n
const hoverTimestamp = positionToTimestamp(location.x, scaleFactor, frame);\n const measures =
_profilerData.laneToReactMeasureMap.get(lane);\n\n if (!measures) {\n onHover(null);\n return;\n }\n\n
for (let index = measures.length - 1; index >= 0; index--) {\n const measure = measures[index];\n const
{duration, timestamp} = measure;\n\n if (\n hoverTimestamp >= timestamp &&\n hoverTimestamp <=
timestamp + duration\n ) {\n this.currentCursor = 'context-menu';\n viewRefs.hoveredView = this;\n
onHover(measure);\n return;\n }\n }\n\n onHover(null);\n }\n\n handleInteraction(interaction:
Interaction, viewRefs: ViewRefs) {\n switch (interaction.type) {\n case 'mousemove':\n
this._handleMouseMove(interaction, viewRefs);\n break;\n }\n }\n }\n\n", "/*\n * Copyright (c) Facebook, Inc.

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and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the
root directory of this source tree.\n *\n * @flow\n *^\n\nexport {\n COMFORTABLE_LINE_HEIGHT,\n
COMPACT_LINE_HEIGHT,\n} from 'react-devtools-shared/src/constants.js';\n\nexport const
REACT_TOTAL_NUM_LANES = 31;\n\n// Increment this number any time a backwards breaking change is made
to the profiler metadata.\n\nexport const SCHEDULING_PROFILER_VERSION = 1;\n\nexport const
SNAPSHOT_MAX_HEIGHT = 60;\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source
code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n
* @flow\n *^\n\nimport type {SchedulingEvent, ReactProfilerData} from './types';\n\nimport type {\n
Interaction,\n
MouseMoveInteraction,\n
Rect,\n
Size,\n
ViewRefs,\n} from './view-base';\n\nimport {\n
positioningScaleFactor,\n
timestampToPosition,\n
positionToTimestamp,\n
widthToDuration,\n} from
'./utils/positioning';\n\nimport {\n
View,\n
Surface,\n
rectContainsPoint,\n
rectIntersectsRect,\n
intersectionOfRects,\n} from './view-base';\n\nimport {\n
COLORS,\n
TOP_ROW_PADDING,\n
REACT_EVENT_DIAMETER,\n
BORDER_SIZE,\n} from './constants';\n\nconst
EVENT_ROW_HEIGHT_FIXED =\n TOP_ROW_PADDING + REACT_EVENT_DIAMETER +
TOP_ROW_PADDING;\n\nexport class SchedulingEventsView extends View {\n
  _profilerData:
  ReactProfilerData;\n
  _intrinsicSize: Size;\n
  _hoveredEvent: SchedulingEvent | null = null;\n
  onHover: ((event:
  SchedulingEvent | null) => void) | null = null;\n\n
  constructor(surface: Surface, frame: Rect, profilerData:
  ReactProfilerData) {\n
    super(surface, frame);\n
    this._profilerData = profilerData;\n\n
    this._intrinsicSize = {\n
      width: this._profilerData.duration,\n
      height: EVENT_ROW_HEIGHT_FIXED,\n
    }; \n
  }\n
  desiredSize() {\n
    return this._intrinsicSize;\n
  }\n
  setHoveredEvent(hoveredEvent: SchedulingEvent | null) {\n
    if
    (this._hoveredEvent === hoveredEvent) {\n
      return;\n
    }\n
    this._hoveredEvent = hoveredEvent;\n
    this.setNeedsDisplay();\n
  }\n\n
  /**\n
   * Draw a single `SchedulingEvent` as a circle in the canvas.\n
   */\n
  _drawSingleSchedulingEvent(\n
    context: CanvasRenderingContext2D,\n
    rect: Rect,\n
    event:
    SchedulingEvent,\n
    baseY: number,\n
    scaleFactor: number,\n
    showHoverHighlight: boolean,\n
  ) {\n
    const
    {frame} = this;\n
    const {timestamp, type, warning} = event;\n\n
    const x = timestampToPosition(timestamp,
    scaleFactor, frame);\n
    const radius = REACT_EVENT_DIAMETER / 2;\n
    const eventRect: Rect = {\n
      origin: {\n
        x: x - radius,\n
        y: baseY,\n
      },\n
      size: {width: REACT_EVENT_DIAMETER, height:
      REACT_EVENT_DIAMETER},\n
    }; \n
    if (!rectIntersectsRect(eventRect, rect)) {\n
      return; // Not in view\n
    }\n\n
    let fillStyle = null;\n\n
    if (warning !== null) {\n
      fillStyle = showHoverHighlight\n
        ?
        COLORS.WARNING_BACKGROUND_HOVER\n
        :
        COLORS.WARNING_BACKGROUND;\n
    } else {\n
      switch (type) {\n
        case 'schedule-render':\n
        case 'schedule-state-update':\n
        case 'schedule-force-
        update':\n
          fillStyle = showHoverHighlight\n
            ?
            COLORS.REACT_SCHEDULE_HOVER\n
            :
            COLORS.REACT_SCHEDULE;\n
          break;\n
        default:\n
          if (__DEV__) {\n
            console.warn('Unexpected event type "%s"', type);\n
          }\n
          break;\n
      }\n
    }\n\n
    if (fillStyle !== null)\n
    {\n
      const y = eventRect.origin.y + radius;\n\n
      context.beginPath();\n
      context.fillStyle = fillStyle;\n
      context.arc(x, y, radius, 0, 2 * Math.PI);\n
      context.fill();\n
    }\n
  }\n\n
  draw(context:
  CanvasRenderingContext2D) {\n
    const {\n
      frame,\n
      _profilerData: {schedulingEvents},\n
      _hoveredEvent,\n
      visibleArea,\n
    } = this;\n\n
    context.fillStyle = COLORS.BACKGROUND;\n
    context.fillRect(\n
      visibleArea.origin.x,\n
      visibleArea.origin.y,\n
      visibleArea.size.width,\n
      visibleArea.size.height,\n
    );\n\n
    // Draw events\n
    const baseY = frame.origin.y + TOP_ROW_PADDING;\n
    const scaleFactor = positioningScaleFactor(\n
      this._intrinsicSize.width,\n
      frame,\n
    );\n
    const
    highlightedEvents: SchedulingEvent[] = [];\n\n
    schedulingEvents.forEach(event => {\n
      if (event ===
      _hoveredEvent) {\n
        highlightedEvents.push(event);\n
        return;\n
      }\n
      this._drawSingleSchedulingEvent(\n
        context,\n
        visibleArea,\n
        event,\n
        baseY,\n
        scaleFactor,\n
        false,\n
      );\n
    });\n\n
    // Draw the highlighted items on top so they stand out.\n
    // This is helpful if there are
    multiple (overlapping) items close to each other.\n
    highlightedEvents.forEach(event => {\n
      this._drawSingleSchedulingEvent(\n
        context,\n
        visibleArea,\n
        event,\n
        baseY,\n
        scaleFactor,\n
        true,\n
      );\n
    });\n\n
    // Render bottom border.\n
    // Propose border rect, check if intersects with `rect`, draw

```

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intersection.\n  const borderFrame: Rect = {\n    origin: {\n      x: frame.origin.x,\n      y: frame.origin.y +
EVENT_ROW_HEIGHT_FIXED - BORDER_SIZE,\n    },\n    size: {\n      width: frame.size.width,\n      height: BORDER_SIZE,\n    },\n  };\n  if (rectIntersectsRect(borderFrame, visibleArea)) {\n    const
borderDrawableRect = intersectionOfRects(borderFrame, visibleArea);\n    context.fillStyle =
COLORS.REACT_WORK_BORDER;\n    context.fillRect(\n      borderDrawableRect.origin.x,\n      borderDrawableRect.origin.y,\n      borderDrawableRect.size.width,\n      borderDrawableRect.size.height,\n    );\n  }\n}\n\n/**\n * @private\n */\n_handleMouseMove(interaction: MouseMoveInteraction, viewRefs:
ViewRefs) {\n  const {frame, onHover, visibleArea} = this;\n  if (!onHover) {\n    return;\n  }\n\n  const
{location} = interaction.payload;\n  if (!rectContainsPoint(location, visibleArea)) {\n    onHover(null);\n    return;\n  }\n\n  const {\n    _profilerData: {schedulingEvents},\n  } = this;\n  const scaleFactor =
positioningScaleFactor(\n    this._intrinsicSize.width,\n    frame,\n  );\n  const hoverTimestamp =
positionToTimestamp(location.x, scaleFactor, frame);\n  const eventTimestampAllowance = widthToDuration(\n    REACT_EVENT_DIAMETER / 2,\n    scaleFactor,\n  );\n\n  // Because data ranges may overlap, we want to
find the last intersecting item.\n  // This will always be the one on "top" (the one the user is hovering over).\n  for
(let index = schedulingEvents.length - 1; index >= 0; index--) {\n    const event = schedulingEvents[index];\n    const {timestamp} = event;\n\n    if (\n      timestamp - eventTimestampAllowance <= hoverTimestamp &&\n      hoverTimestamp <= timestamp + eventTimestampAllowance\n    ) {\n      this.currentCursor = 'context-menu';\n      viewRefs.hoveredView = this;\n      onHover(event);\n      return;\n    }\n  }\n\n  onHover(null);\n}\n\nhandleInteraction(interaction: Interaction, viewRefs: ViewRefs) {\n  switch (interaction.type) {\n    case
'mousemove':\n      this._handleMouseMove(interaction, viewRefs);\n      break;\n  }\n}\n\n"/**\n *
Copyright (c) Facebook, Inc. and its affiliates.\n */\n * This source code is licensed under the MIT license found in
the\n * LICENSE file in the root directory of this source tree.\n */\n * @flow\n */\n\nimport type {Snapshot,
ReactProfilerData} from './types';\nimport type {\n  Interaction,\n  Point,\n  Rect,\n  Size,\n  Surface,\n  ViewRefs,\n} from './view-base';\n\nimport {positioningScaleFactor, timestampToPosition} from
'./utils/positioning';\nimport {\n  intersectionOfRects,\n  rectContainsPoint,\n  rectEqualToRect,\n  View,\n} from
'./view-base';\nimport {BORDER_SIZE, COLORS, SNAPSHOT_SCRUBBER_SIZE} from './constants';\n\nexport
type OnHover = (node: Snapshot | null) => void;\n\nexport class SnapshotsView extends View {\n  _hoverLocation:
Point | null = null;\n  _intrinsicSize: Size;\n  _profilerData: ReactProfilerData;\n\n  onHover: OnHover | null =
null;\n\n  constructor(surface: Surface, frame: Rect, profilerData: ReactProfilerData) {\n    super(surface, frame);\n\n    this._intrinsicSize = {\n      width: profilerData.duration,\n      height: profilerData.snapshotHeight,\n    };\n    this._profilerData = profilerData;\n  }\n\n  desiredSize() {\n    return this._intrinsicSize;\n  }\n\n  draw(context:
CanvasRenderingContext2D) {\n    const snapshotHeight = this._profilerData.snapshotHeight;\n    const
{visibleArea} = this;\n\n    context.fillStyle = COLORS.BACKGROUND;\n    context.fillRect(\n      visibleArea.origin.x,\n      visibleArea.origin.y,\n      visibleArea.size.width,\n      visibleArea.size.height,\n    );\n\n    const y = visibleArea.origin.y;\n    let x = visibleArea.origin.x;\n\n    // Rather than drawing each snapshot where it
occurred,\n    // draw them at fixed intervals and just show the nearest one.\n    while (x < visibleArea.origin.x +
visibleArea.size.width) {\n      const snapshot = this._findClosestSnapshot(x);\n      if (snapshot === null) {\n        //
This should never happen.\n        break;\n      }\n\n      const scaledHeight = snapshotHeight;\n      const scaledWidth =
(snapshot.width * snapshotHeight) / snapshot.height;\n\n      const imageRect: Rect = {\n        origin: {\n          x,\n          y,\n        },\n        size: {width: scaledWidth, height: scaledHeight},\n      };\n\n      // Lazily create and cache
Image objects as we render a snapshot for the first time.\n      if (snapshot.image === null) {\n        const img =
(snapshot.image = new Image());\n        img.onload = () => {\n          this._drawSnapshotImage(context, snapshot,
imageRect);\n        };\n        img.src = snapshot.imageSource;\n      } else {\n        this._drawSnapshotImage(context,
snapshot, imageRect);\n      }\n\n      x += scaledWidth + BORDER_SIZE;\n    }\n\n    const hoverLocation =
this._hoverLocation;\n    if (hoverLocation !== null) {\n      const scrubberWidth =
SNAPSHOT_SCRUBBER_SIZE + BORDER_SIZE * 2;\n      const scrubberOffset = scrubberWidth / 2;\n\n      context.fillStyle = COLORS.SCRUBBER_BORDER;\n      context.fillRect(\n        hoverLocation.x -
scrubberOffset,\n        visibleArea.origin.y,\n        scrubberWidth,\n        visibleArea.size.height,\n      );\n    }\n  }\n}

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context.fillStyle = COLORS.SCRUBBER_BACKGROUND;\n  context.fillRect(\n    hoverLocation.x -
scrubberOffset + BORDER_SIZE,\n    visibleArea.origin.y,\n    SNAPSHOT_SCRUBBER_SIZE,\n
visibleArea.size.height,\n    );\n  }\n }\n\n  handleInteraction(interaction: Interaction, viewRefs: ViewRefs) {\n
switch (interaction.type) {\n  case 'mousemove':\n  case 'wheel-control':\n  case 'wheel-meta':\n  case
'wheel-plain':\n  case 'wheel-shift':\n    this._updateHover(interaction.payload.location, viewRefs);\n
break;\n  }\n }\n\n  _drawSnapshotImage(\n    context: CanvasRenderingContext2D,\n    snapshot: Snapshot,\n
imageRect: Rect,\n  ) {\n    const visibleArea = this.visibleArea;\n    // Prevent snapshot from visibly overflowing
its container when clipped.\n    // View clips by default, but since this view may draw async (on Image load) we re-
clip.\n    const shouldClip = !rectEqualToRect(imageRect, visibleArea);\n    if (shouldClip) {\n      const clippedRect
= intersectionOfRects(imageRect, visibleArea);\n      context.save();\n      context.beginPath();\n      context.rect(\n
        clippedRect.origin.x,\n        clippedRect.origin.y,\n        clippedRect.size.width,\n        clippedRect.size.height,\n
      );\n      context.closePath();\n      context.clip();\n    }\n    context.fillStyle =
COLORS.REACT_RESIZE_BAR_BORDER;\n    context.fillRect(\n      imageRect.origin.x,\n
imageRect.origin.y,\n      imageRect.size.width,\n      imageRect.size.height,\n    );\n    // $FlowFixMe Flow doesn't
know about the 9 argument variant of drawImage()\n    context.drawImage(\n      snapshot.image,\n      // Image
coordinates\n      0,\n      0,\n      // Native image size\n      snapshot.width,\n      snapshot.height,\n      // Canvas
coordinates\n      imageRect.origin.x + BORDER_SIZE,\n      imageRect.origin.y + BORDER_SIZE,\n      //
Scaled image size\n      imageRect.size.width - BORDER_SIZE * 2,\n      imageRect.size.height - BORDER_SIZE *
2,\n    );\n    if (shouldClip) {\n      context.restore();\n    }\n  }\n\n  _findClosestSnapshot(x: number): Snapshot |
null {\n    const frame = this.frame;\n    const scaleFactor = positioningScaleFactor(\n      this._intrinsicSize.width,\n
      frame,\n    );\n    const snapshots = this._profilerData.snapshots;\n    let startIndex = 0;\n    let stopIndex =
snapshots.length - 1;\n    while (startIndex <= stopIndex) {\n      const currentIndex = Math.floor((startIndex +
stopIndex) / 2);\n      const snapshot = snapshots[currentIndex];\n      const {timestamp} = snapshot;\n      const
snapshotX = Math.floor(\n        timestampToPosition(timestamp, scaleFactor, frame),\n      );\n      if (x <
snapshotX) {\n        stopIndex = currentIndex - 1;\n      } else {\n        startIndex = currentIndex + 1;\n      }\n    }\n
return snapshots[stopIndex] || null;\n  }\n\n  /**\n   * @private\n   */\n  _updateHover(location: Point, viewRefs:
ViewRefs) {\n    const {onHover, visibleArea} = this;\n    if (!onHover) {\n      return;\n    }\n    if
(!rectContainsPoint(location, visibleArea)) {\n      if (this._hoverLocation !== null) {\n        this._hoverLocation =
null;\n        this.setNeedsDisplay();\n      }\n      onHover(null);\n      return;\n    }\n    const snapshot =
this._findClosestSnapshot(location.x);\n    if (snapshot !== null) {\n      this._hoverLocation = location;\n      onHover(snapshot);\n    } else {\n      this._hoverLocation = null;\n      onHover(null);\n    }\n    // Any time the
mouse moves within the boundaries of this view, we need to re-render.\n    // This is because we draw a scrubbing
bar that shows the location corresponding to the current tooltip.\n    this.setNeedsDisplay();\n  }\n}\n", "/*\n *
Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in
the\n * LICENSE file in the root directory of this source tree.\n * @flow\n */\n\nimport type {SuspenseEvent,
ReactProfilerData} from './types';\nimport type {\n  Interaction,\n  IntrinsicSize,\n  MouseMoveInteraction,\n
Rect,\n  ViewRefs,\n} from './view-base';\nimport {\n  durationToWidth,\n  positioningScaleFactor,\n
positionToTimestamp,\n  timestampToPosition,\n  widthToDuration,\n} from './utils/positioning';\nimport
{\n  drawText\n} from './utils/text';\nimport {formatDuration} from './utils/formatting';\nimport {\n  View,\n  Surface,\n
rectContainsPoint,\n  rectIntersectsRect,\n  intersectionOfRects,\n} from './view-base';\nimport {\n
  BORDER_SIZE,\n  COLORS,\n  PENDING_SUSPENSE_EVENT_SIZE,\n  SUSPENSE_EVENT_HEIGHT,\n}
from './constants';\n\nconst ROW_WITH_BORDER_HEIGHT = SUSPENSE_EVENT_HEIGHT +
BORDER_SIZE;\n\nconst MAX_ROWS_TO_SHOW_INITIALLY = 3;\n\nexport class SuspenseEventsView
extends View {\n  _depthToSuspenseEvent: Map<number, SuspenseEvent[]>;\n  _hoveredEvent: SuspenseEvent |
null = null;\n  _intrinsicSize: IntrinsicSize;\n  _maxDepth: number = 0;\n  _profilerData: ReactProfilerData;\n
  onHover: ((event: SuspenseEvent | null) => void) | null = null;\n\n  constructor(surface: Surface, frame: Rect,
profilerData: ReactProfilerData) {\n    super(surface, frame);\n    this._profilerData = profilerData;\n    this._performPreflightComputations();\n  }\n\n  _performPreflightComputations() {\n

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this._depthToSuspenseEvent = new Map();\n\n  const {duration, suspenseEvents} = this._profilerData;\n\n  suspenseEvents.forEach(event => {\n    const depth = event.depth;\n\n    this._maxDepth =\n    Math.max(this._maxDepth, depth);\n\n    if (!this._depthToSuspenseEvent.has(depth)) {\n      this._depthToSuspenseEvent.set(depth, [event]);\n    } else {\n      // $FlowFixMe This is unnecessary.\n      this._depthToSuspenseEvent.get(depth).push(event);\n    }\n  });\n\n  this._intrinsicSize = {\n    width:\n    duration,\n    height: (this._maxDepth + 1) * ROW_WITH_BORDER_HEIGHT,\n    hideScrollBarIfLessThanHeight: ROW_WITH_BORDER_HEIGHT,\n    maxInitialHeight:\n    ROW_WITH_BORDER_HEIGHT * MAX_ROWS_TO_SHOW_INITIALLY,\n  }; \n\n  desiredSize() {\n    return this._intrinsicSize;\n  }\n\n  setHoveredEvent(hoveredEvent: SuspenseEvent | null) {\n    if\n    (this._hoveredEvent === hoveredEvent) {\n      return;\n    }\n\n    this._hoveredEvent = hoveredEvent;\n\n    this.setNeedsDisplay();\n  }\n\n  /**\n   * Draw a single `SuspenseEvent` as a box/span with text inside of it.\n   */\n  _drawSingleSuspenseEvent(\n    context: CanvasRenderingContext2D,\n    rect: Rect,\n    event: SuspenseEvent,\n    baseY: number,\n    scaleFactor: number,\n    showHoverHighlight: boolean,\n  ) {\n    const {frame} = this;\n    const {\n      componentName,\n      depth,\n      duration,\n      phase,\n      promiseName,\n      resolution,\n      timestamp,\n      warning,\n    } = event;\n\n    baseY += depth * ROW_WITH_BORDER_HEIGHT;\n\n    let\n    fillStyle = ((null: any): string);\n    if (warning !== null) {\n      fillStyle = showHoverHighlight\n        ?\n        COLORS.WARNING_BACKGROUND_HOVER\n        : COLORS.WARNING_BACKGROUND;\n    } else {\n      switch (resolution) {\n        case 'rejected':\n          fillStyle = showHoverHighlight\n            ?\n            COLORS.REACT_SUSPENSE_REJECTED_EVENT_HOVER\n            :\n            COLORS.REACT_SUSPENSE_REJECTED_EVENT;\n          break;\n        case 'resolved':\n          fillStyle =\n          showHoverHighlight\n            ? COLORS.REACT_SUSPENSE_RESOLVED_EVENT_HOVER\n            :\n            COLORS.REACT_SUSPENSE_RESOLVED_EVENT;\n          break;\n        case 'unresolved':\n          fillStyle =\n          showHoverHighlight\n            ? COLORS.REACT_SUSPENSE_UNRESOLVED_EVENT_HOVER\n            :\n            COLORS.REACT_SUSPENSE_UNRESOLVED_EVENT;\n          break;\n      }\n    }\n\n    const xStart =\n    timestampToPosition(timestamp, scaleFactor, frame);\n\n    // Pending suspense events (ones that never resolved)\n    won't have durations.\n    // So instead we draw them as diamonds.\n    if (duration === null) {\n      const size =\n      PENDING_SUSPENSE_EVENT_SIZE;\n      const halfSize = size / 2;\n\n      baseY +=\n      (SUSPENSE_EVENT_HEIGHT - PENDING_SUSPENSE_EVENT_SIZE) / 2;\n\n      const y = baseY +\n      halfSize;\n\n      const suspenseRect: Rect = {\n        origin: {\n          x: xStart - halfSize,\n          y: baseY,\n        },\n        size: {width: size, height: size},\n      }; \n      if (!rectIntersectsRect(suspenseRect, rect)) {\n        return; //\n        Not in view\n      }\n\n      context.beginPath();\n      context.fillStyle = fillStyle;\n      context.moveTo(xStart, y -\n      halfSize);\n      context.lineTo(xStart + halfSize, y);\n      context.lineTo(xStart, y + halfSize);\n      context.lineTo(xStart - halfSize, y);\n      context.fill();\n    } else {\n      const xStop = timestampToPosition(\n      timestamp + duration,\n      scaleFactor,\n      frame,\n    );\n      const eventRect: Rect = {\n        origin: {\n          x: xStart,\n          y: baseY,\n        },\n        size: {width: xStop - xStart, height: SUSPENSE_EVENT_HEIGHT},\n      }; \n      if (!rectIntersectsRect(eventRect, rect)) {\n        return; // Not in view\n      }\n\n      const width =\n      durationToWidth(duration, scaleFactor);\n      if (width < 1) {\n        return; // Too small to render at this zoom\n        level\n      }\n\n      const drawableRect = intersectionOfRects(eventRect, rect);\n      context.beginPath();\n      context.fillStyle = fillStyle;\n      context.fillRect(\n      drawableRect.origin.x,\n      drawableRect.origin.y,\n      drawableRect.size.width,\n      drawableRect.size.height,\n    );\n\n      let label = 'suspended';\n      if\n      (promiseName !== null) {\n        label = promiseName;\n      } else if (componentName !== null) {\n        label =\n        `${componentName} ${label}`;\n      }\n\n      if (phase !== null) {\n        label += ` during ${phase}`;\n      }\n\n      if\n      (resolution !== 'unresolved') {\n        label += ` - ${formatDuration(duration)}`;\n      }\n\n      drawText(label,\n      context, eventRect, drawableRect);\n    }\n  }\n\n  draw(context: CanvasRenderingContext2D) {\n    const {\n      frame,\n      _profilerData: {suspenseEvents},\n      _hoveredEvent,\n      visibleArea,\n    } = this;\n\n    context.fillStyle = COLORS.PRIORITY_BACKGROUND;\n    context.fillRect(\n      visibleArea.origin.x,\n      visibleArea.origin.y,\n      visibleArea.size.width,\n      visibleArea.size.height,\n    );\n\n    // Draw events\n    const\n    scaleFactor = positioningScaleFactor(\n      this._intrinsicSize.width,\n      frame,\n    );\n  }\n
```

```

suspendEvents.forEach(event => {\n  this._drawSingleSuspenseEvent(\n    context,\n    visibleArea,\n    event,\n    frame.origin.y,\n    scaleFactor,\n    event === _hoveredEvent,\n  );\n});\n\n // Render bottom borders.\n  for (let i = 0; i <= this._maxDepth; i++) {\n    const borderFrame: Rect = {\n      origin: {\n        x: frame.origin.x,\n        y: frame.origin.y + (i + 1) * ROW_WITH_BORDER_HEIGHT - BORDER_SIZE,\n      },\n      size: {\n        width: frame.size.width,\n        height: BORDER_SIZE,\n      },\n    };\n    if (rectIntersectsRect(borderFrame, visibleArea)) {\n      const borderDrawableRect = intersectionOfRects(\n        borderFrame,\n        visibleArea,\n      );\n      context.fillStyle = COLORS.REACT_WORK_BORDER;\n      context.fillRect(\n        borderDrawableRect.origin.x,\n        borderDrawableRect.origin.y,\n        borderDrawableRect.size.width,\n        borderDrawableRect.size.height,\n      );\n    }\n  }\n}\n\n /**\n * @private\n */\n _handleMouseMove(interaction: MouseMoveInteraction, viewRefs: ViewRefs) {\n  const {frame, _intrinsicSize, onHover, visibleArea} = this;\n  if (!onHover) {\n    return;\n  }\n\n  const {location} = interaction.payload;\n  if (!rectContainsPoint(location, visibleArea)) {\n    onHover(null);\n    return;\n  }\n\n  const scaleFactor = positioningScaleFactor(_intrinsicSize.width, frame);\n  const hoverTimestamp = positionToTimestamp(location.x, scaleFactor, frame);\n  const adjustedCanvasMouseY = location.y - frame.origin.y;\n  const depth = Math.floor(adjustedCanvasMouseY / ROW_WITH_BORDER_HEIGHT);\n  const suspenseEventsAtDepth = this._depthToSuspenseEvent.get(depth);\n\n  if (suspenseEventsAtDepth) {\n    // Find the event being hovered over.\n    for (let index = suspenseEventsAtDepth.length - 1; index >= 0; index--) {\n      const suspenseEvent = suspenseEventsAtDepth[index];\n      const {duration, timestamp} = suspenseEvent;\n\n      if (duration === null) {\n        const timestampAllowance = widthToDuration(\n          PENDING_SUSPENSE_EVENT_SIZE / 2,\n          scaleFactor,\n        );\n\n        if (\n          timestamp - timestampAllowance <= hoverTimestamp &&\n          hoverTimestamp <= timestamp + timestampAllowance\n        ) {\n          this.currentCursor = 'context-menu';\n          viewRefs.hoveredView = this;\n          onHover(suspenseEvent);\n          return;\n        }\n      } else if (\n        hoverTimestamp >= timestamp &&\n        hoverTimestamp <= timestamp + duration\n      ) {\n        this.currentCursor = 'context-menu';\n        viewRefs.hoveredView = this;\n        onHover(suspenseEvent);\n        return;\n      }\n    }\n\n    onHover(null);\n  }\n\n  handleInteraction(interaction: Interaction, viewRefs: ViewRefs) {\n    switch (interaction.type) {\n      case 'mousemove':\n        this._handleMouseMove(interaction, viewRefs);\n        break;\n    }\n  }\n}\n\n", /**\n * Copyright (c) Facebook, Inc. and its affiliates.\n */\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n */\n * @flow\n */\n\nimport type {Throwable, ReactProfilerData} from './types';\nimport type {\n  Interaction,\n  MouseMoveInteraction,\n  Rect,\n  Size,\n  ViewRefs,\n} from './view-base';\nimport {\n  positioningScaleFactor,\n  timestampToPosition,\n  positionToTimestamp,\n  widthToDuration,\n} from './utils/positioning';\nimport {\n  View,\n  Surface,\n  rectContainsPoint,\n  rectIntersectsRect,\n  intersectionOfRects,\n} from './view-base';\nimport {\n  COLORS,\n  TOP_ROW_PADDING,\n  REACT_EVENT_DIAMETER,\n  BORDER_SIZE,\n} from './constants';\n\nconst EVENT_ROW_HEIGHT_FIXED =\n  TOP_ROW_PADDING + REACT_EVENT_DIAMETER +\n  TOP_ROW_PADDING;\n\nexport class ThrownErrorsView extends View {\n  _profilerData: ReactProfilerData;\n  _intrinsicSize: Size;\n  _hoveredEvent: Throwable | null = null;\n  onHover: ((event: Throwable | null) => void) | null = null;\n\n  constructor(surface: Surface, frame: Rect, profilerData: ReactProfilerData) {\n    super(surface, frame);\n    this._profilerData = profilerData;\n\n    this._intrinsicSize = {\n      width: this._profilerData.duration,\n      height: EVENT_ROW_HEIGHT_FIXED,\n    };\n\n    desiredSize() {\n      return this._intrinsicSize;\n    }\n\n    setHoveredEvent(hoveredEvent: Throwable | null) {\n      if (this._hoveredEvent === hoveredEvent) {\n        return;\n      }\n      this._hoveredEvent = hoveredEvent;\n      this.setNeedsDisplay();\n    }\n  }\n\n  /**\n * Draw a single `Throwable` as a circle in the canvas.\n */\n  _drawSingleThrowable(context: CanvasRenderingContext2D,\n    rect: Rect,\n    throwable: Throwable,\n    baseY: number,\n    scaleFactor: number,\n    showHoverHighlight: boolean,\n  ) {\n    const {frame} = this;\n    const {timestamp} = throwable;\n\n    const x = timestampToPosition(timestamp, scaleFactor, frame);\n    const radius = REACT_EVENT_DIAMETER / 2;\n    const eventRect: Rect = {\n      origin: {\n        x: x - radius,\n        y: baseY,\n      },\n      size: {\n        width: REACT_EVENT_DIAMETER,\n        height: REACT_EVENT_DIAMETER,\n      },\n    };\n  }\n}

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if (!rectIntersectsRect(eventRect, rect)) {\n  return; // Not in view\n } \n\n const fillStyle =
showHoverHighlight\n ? COLORS.REACT_THROWN_ERROR_HOVER\n :
COLORS.REACT_THROWN_ERROR;\n\n const y = eventRect.origin.y + radius;\n\n context.beginPath();\n context.fillStyle = fillStyle;\n context.arc(x, y, radius, 0, 2 * Math.PI);\n context.fill();\n }\n\n draw(context:
CanvasRenderingContext2D) {\n  const {\n    frame,\n    _profilerData: {thrownErrors},\n    _hoveredEvent,\n    visibleArea,\n  } = this;\n\n  context.fillStyle = COLORS.BACKGROUND;\n  context.fillRect(\n
visibleArea.origin.x,\n  visibleArea.origin.y,\n  visibleArea.size.width,\n  visibleArea.size.height,\n );\n\n // Draw events\n  const baseY = frame.origin.y + TOP_ROW_PADDING;\n  const scaleFactor =
positioningScaleFactor(\n    this._intrinsicSize.width,\n    frame,\n );\n\n  const highlightedEvents:
ThrownError[] = [];\n\n  thrownErrors.forEach(thrownError => {\n    if (thrownError === _hoveredEvent) {\n
highlightedEvents.push(thrownError);\n    return;\n  }\n  this._drawSingleThrownError(\n    context,\n    visibleArea,\n    thrownError,\n    baseY,\n    scaleFactor,\n    false,\n );\n });\n\n // Draw the
highlighted items on top so they stand out. // This is helpful if there are multiple (overlapping) items close to
each other.\n  highlightedEvents.forEach(thrownError => {\n    this._drawSingleThrownError(\n    context,\n    visibleArea,\n    thrownError,\n    baseY,\n    scaleFactor,\n    true,\n );\n });\n\n // Render bottom
borders.\n  // Propose border rect, check if intersects with `rect`, draw intersection.\n  const borderFrame: Rect =
{\n    origin: {\n      x: frame.origin.x,\n      y: frame.origin.y + EVENT_ROW_HEIGHT_FIXED -
BORDER_SIZE,\n    },\n    size: {\n      width: frame.size.width,\n      height: BORDER_SIZE,\n    },\n  };\n\n  if (rectIntersectsRect(borderFrame, visibleArea)) {\n    const borderDrawableRect =
intersectionOfRects(borderFrame, visibleArea);\n    context.fillStyle = COLORS.REACT_WORK_BORDER;\n    context.fillRect(\n    borderDrawableRect.origin.x,\n    borderDrawableRect.origin.y,\n    borderDrawableRect.size.width,\n    borderDrawableRect.size.height,\n );\n  }\n }\n\n /**\n * @private\n
*/\n  _handleMouseMove(interaction: MouseMoveInteraction, viewRefs: ViewRefs) {\n    const {frame, onHover,
visibleArea} = this;\n    if (!onHover) {\n      return;\n    }\n\n    const {location} = interaction.payload;\n    if
(!rectContainsPoint(location, visibleArea)) {\n      onHover(null);\n      return;\n    }\n\n    const {\n      _profilerData:
{thrownErrors},\n    } = this;\n    const scaleFactor = positioningScaleFactor(\n    this._intrinsicSize.width,\n    frame,\n );\n    const hoverTimestamp = positionToTimestamp(location.x, scaleFactor, frame);\n    const
eventTimestampAllowance = widthToDuration(\n    REACT_EVENT_DIAMETER / 2,\n    scaleFactor,\n );\n\n    // Because data ranges may overlap, we want to find the last intersecting item. // This will always be the
one on "top" (the one the user is hovering over).\n    for (let index = thrownErrors.length - 1; index >= 0; index--)\n    {\n      const event = thrownErrors[index];\n      const {timestamp} = event;\n\n      if (\n        timestamp -
eventTimestampAllowance <= hoverTimestamp &&\n        hoverTimestamp <= timestamp +
eventTimestampAllowance\n      ) {\n        this.currentCursor = 'context-menu';\n        viewRefs.hoveredView =
this;\n        onHover(event);\n        return;\n      }\n    }\n\n    onHover(null);\n  }\n\n  handleInteraction(interaction:
Interaction, viewRefs: ViewRefs) {\n    switch (interaction.type) {\n      case 'mousemove':\n        this._handleMouseMove(interaction, viewRefs);\n        break;\n    }\n  }\n }\n\n "n", "/*\n * Copyright (c) Facebook, Inc.
and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the
root directory of this source tree.\n * *\n * @flow\n */\n\nimport type {Rect, Size} from './view-base';\n\nimport {\n  durationToWidth,\n  positioningScaleFactor,\n  positionToTimestamp,\n  timestampToPosition,\n} from
'./utils/positioning';\n\nimport {\n  View,\n  Surface,\n  rectIntersectsRect,\n  intersectionOfRects,\n} from './view-
base';\n\nimport {\n  COLORS,\n  INTERVAL_TIMES,\n  LABEL_SIZE,\n  FONT_SIZE,\n  MARKER_HEIGHT,\n  MARKER_TEXT_PADDING,\n  MARKER_TICK_HEIGHT,\n  MIN_INTERVAL_SIZE_PX,\n  BORDER_SIZE,\n} from './constants';\n\nconst HEADER_HEIGHT_FIXED =
MARKER_HEIGHT + BORDER_SIZE;\nconst LABEL_FIXED_WIDTH = LABEL_SIZE +
BORDER_SIZE;\n\nexport class TimeAxisMarkersView extends View {\n  _totalDuration: number;\n  _intrinsicSize: Size;\n\n  constructor(surface: Surface, frame: Rect, totalDuration: number) {\n    super(surface,
frame);\n    this._totalDuration = totalDuration;\n    this._intrinsicSize = {\n      width: this._totalDuration,\n      height: HEADER_HEIGHT_FIXED,\n    };\n  }\n\n  desiredSize() {\n    return this._intrinsicSize;\n  }\n\n // Time

```

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mark intervals vary based on the current zoom range and the time it represents.\n // In Chrome, these seem to range
from 70-140 pixels wide.\n // Time wise, they represent intervals of e.g. 1s, 500ms, 200ms, 100ms, 50ms, 20ms.\n
// Based on zoom, we should determine which amount to actually show.\n _getTimeTickInterval(scaleFactor:
number): number {\n for (let i = 0; i < INTERVAL_TIMES.length; i++) {\n const currentInterval =
INTERVAL_TIMES[i];\n const intervalWidth = durationToWidth(currentInterval, scaleFactor);\n if
(intervalWidth > MIN_INTERVAL_SIZE_PX) {\n return currentInterval;\n }\n }\n return
INTERVAL_TIMES[0];\n }\n\n draw(context: CanvasRenderingContext2D) {\n const {frame, _intrinsicSize,
visibleArea} = this;\n const clippedFrame = {\n origin: frame.origin,\n size: {\n width:
frame.size.width,\n height: _intrinsicSize.height,\n },\n };\n const drawableRect =
intersectionOfRects(clippedFrame, visibleArea);\n\n // Clear background\n context.fillStyle =
COLORS.BACKGROUND;\n context.fillRect(\n drawableRect.origin.x,\n drawableRect.origin.y,\n
drawableRect.size.width,\n drawableRect.size.height,\n );\n\n const scaleFactor = positioningScaleFactor(\n
_intrinsicSize.width,\n clippedFrame,\n );\n const interval = this._getTimeTickInterval(scaleFactor);\n
const firstIntervalTimestamp =\n Math.ceil(\n positionToTimestamp(\n drawableRect.origin.x -
LABEL_FIXED_WIDTH,\n scaleFactor,\n clippedFrame,\n ) / interval,\n ) * interval;\n\n for
(\n let markerTimestamp = firstIntervalTimestamp;\n true;\n markerTimestamp += interval\n ) {\n if
(markerTimestamp <= 0) {\n continue; // Timestamps < are probably a bug; markers at 0 are ugly.\n }\n\n
const x = timestampToPosition(markerTimestamp, scaleFactor, clippedFrame);\n if (x > drawableRect.origin.x +
drawableRect.size.width) {\n break; // Not in view\n }\n\n const markerLabel =
Math.round(markerTimestamp);\n\n context.fillStyle = COLORS.PRIORITY_BORDER;\n context.fillRect(\n
x,\n drawableRect.origin.y + MARKER_HEIGHT - MARKER_TICK_HEIGHT,\n BORDER_SIZE,\n
MARKER_TICK_HEIGHT,\n );\n\n context.fillStyle = COLORS.TIME_MARKER_LABEL;\n
context.textAlign = 'right';\n context.textBaseline = 'middle';\n context.font = `${FONT_SIZE}px sans-
serif`;\n context.fillText(\n `${markerLabel}ms`,\n x - MARKER_TEXT_PADDING,\n
MARKER_HEIGHT / 2,\n );\n }\n\n // Render bottom border.\n // Propose border rect, check if intersects
with `rect`, draw intersection.\n const borderFrame: Rect = {\n origin: {\n x: clippedFrame.origin.x,\n
y: clippedFrame.origin.y + clippedFrame.size.height - BORDER_SIZE,\n },\n size: {\n width:
clippedFrame.size.width,\n height: BORDER_SIZE,\n },\n };\n if (rectIntersectsRect(borderFrame,
visibleArea)) {\n const borderDrawableRect = intersectionOfRects(borderFrame, visibleArea);\n
context.fillStyle = COLORS.PRIORITY_BORDER;\n context.fillRect(\n borderDrawableRect.origin.x,\n
borderDrawableRect.origin.y,\n borderDrawableRect.size.width,\n borderDrawableRect.size.height,\n
);\n }\n }\n\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under
the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n
*\n\nimport type {UserTimingMark} from './types';\nimport type {\n Interaction,\n MouseMoveInteraction,\n
Rect,\n Size,\n ViewRefs,\n } from './view-base';\n\nimport {\n positioningScaleFactor,\n timestampToPosition,\n
positionToTimestamp,\n widthToDuration,\n } from './utils/positioning';\nimport {\n View,\n Surface,\n
rectContainsPoint,\n rectIntersectsRect,\n intersectionOfRects,\n } from './view-base';\nimport {\n COLORS,\n
TOP_ROW_PADDING,\n USER_TIMING_MARK_SIZE,\n BORDER_SIZE,\n } from './constants';\n\nconst
ROW_HEIGHT_FIXED =\n TOP_ROW_PADDING + USER_TIMING_MARK_SIZE +
TOP_ROW_PADDING;\n\nexport class UserTimingMarksView extends View {\n _marks: UserTimingMark[];\n
_intrinsicSize: Size;\n\n _hoveredMark: UserTimingMark | null = null;\n onHover: ((mark: UserTimingMark | null)
=> void) | null = null;\n\n constructor(\n surface: Surface,\n frame: Rect,\n marks: UserTimingMark[],\n
duration: number,\n ) {\n super(surface, frame);\n this._marks = marks;\n\n this._intrinsicSize = {\n width:
duration,\n height: ROW_HEIGHT_FIXED,\n };\n }\n\n desiredSize() {\n return this._intrinsicSize;\n }\n\n
setHoveredMark(hoveredMark: UserTimingMark | null) {\n if (this._hoveredMark === hoveredMark) {\n
return;\n }\n this._hoveredMark = hoveredMark;\n this.setNeedsDisplay();\n }\n\n /**\n * Draw a single
`UserTimingMark` as a circle in the canvas.\n *\n _drawSingleMark(\n context: CanvasRenderingContext2D,\n
rect: Rect,\n mark: UserTimingMark,\n baseY: number,\n scaleFactor: number,\n showHoverHighlight:

```

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boolean,\n ) {\n  const {frame} = this;\n  const {timestamp} = mark;\n\n  const x =
timestampToPosition(timestamp, scaleFactor, frame);\n  const size = USER_TIMING_MARK_SIZE;\n  const
halfSize = size / 2;\n\n  const markRect: Rect = {\n    origin: {\n      x: x - halfSize,\n      y: baseY,\n    },\n    size: {width: size, height: size},\n  };
\n  if (!rectIntersectsRect(markRect, rect)) {\n    return; // Not in view\n  }\n\n  const fillStyle = showHoverHighlight\n    ? COLORS.USER_TIMING_HOVER\n    :
COLORS.USER_TIMING;\n\n  if (fillStyle !== null) {\n    const y = baseY + halfSize;\n\n    context.beginPath();\n    context.fillStyle = fillStyle;\n    context.moveTo(x, y - halfSize);\n    context.lineTo(x +
halfSize, y);\n    context.lineTo(x, y + halfSize);\n    context.lineTo(x - halfSize, y);\n    context.fill();\n  }\n\n  draw(context: CanvasRenderingContext2D) {\n    const {frame, _marks, _hoveredMark, visibleArea} =
this;\n\n    context.fillStyle = COLORS.BACKGROUND;\n    context.fillRect(\n      visibleArea.origin.x,\n      visibleArea.origin.y,\n      visibleArea.size.width,\n      visibleArea.size.height,\n    );\n\n    // Draw marks\n    const
baseY = frame.origin.y + TOP_ROW_PADDING;\n    const scaleFactor = positioningScaleFactor(\n      this._intrinsicSize.width,\n      frame,\n    );\n\n    _marks.forEach(mark => {\n      if (mark === _hoveredMark) {\n        return;\n      }\n      this._drawSingleMark(\n        context,\n        visibleArea,\n        mark,\n        baseY,\n        scaleFactor,\n        false,\n      );\n    });\n\n    // Draw the hovered and/or selected items on top so they stand out.\n    // This is helpful if there are multiple (overlapping) items close to each other.\n    if (_hoveredMark !== null) {\n      this._drawSingleMark(\n        context,\n        visibleArea,\n        _hoveredMark,\n        baseY,\n        scaleFactor,\n        true,\n      );\n    }\n\n    // Render bottom border.\n    // Propose border rect, check if intersects with `rect`, draw
intersection.\n    const borderFrame: Rect = {\n      origin: {\n        x: frame.origin.x,\n        y: frame.origin.y +
ROW_HEIGHT_FIXED - BORDER_SIZE,\n      },\n      size: {\n        width: frame.size.width,\n        height:
BORDER_SIZE,\n      },\n    };
\n    if (rectIntersectsRect(borderFrame, visibleArea)) {\n      const
borderDrawableRect = intersectionOfRects(borderFrame, visibleArea);\n      context.fillStyle =
COLORS.PRIORITY_BORDER;\n      context.fillRect(\n        borderDrawableRect.origin.x,\n        borderDrawableRect.origin.y,\n        borderDrawableRect.size.width,\n        borderDrawableRect.size.height,\n      );\n    }\n  }\n\n  /**\n   * @private\n   */\n  _handleMouseMove(interaction: MouseMoveInteraction, viewRefs:
ViewRefs) {\n    const {frame, onHover, visibleArea} = this;\n    if (!onHover) {\n      return;\n    }\n\n    const
{location} = interaction.payload;\n    if (!rectContainsPoint(location, visibleArea)) {\n      onHover(null);\n      return;\n    }\n\n    const {_marks} = this;\n    const scaleFactor = positioningScaleFactor(\n      this._intrinsicSize.width,\n      frame,\n    );\n    const hoverTimestamp = positionToTimestamp(location.x,
scaleFactor, frame);\n    const timestampAllowance = widthToDuration(\n      USER_TIMING_MARK_SIZE / 2,\n      scaleFactor,\n    );\n\n    // Because data ranges may overlap, we want to find the last intersecting item.\n    // This
will always be the one on "top" (the one the user is hovering over).\n    for (let index = _marks.length - 1; index >=
0; index--) {\n      const mark = _marks[index];\n      const {timestamp} = mark;\n\n      if (\n        timestamp -
timestampAllowance <= hoverTimestamp &&\n        hoverTimestamp <= timestamp + timestampAllowance\n      ) {\n        viewRefs.hoveredView = this;\n        onHover(mark);\n        return;\n      }\n    }\n\n    onHover(null);\n  }\n\n  handleInteraction(interaction: Interaction, viewRefs: ViewRefs) {\n    switch (interaction.type) {\n      case
'mousemove':\n        this._handleMouseMove(interaction, viewRefs);\n        break;\n    }\n  }\n\n  "n", "/*\n *
Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in
the\n * LICENSE file in the root directory of this source tree.\n * @flow\n */\n\nimport memoize from
'memoize-one';\n\nimport type {\n  BatchUID,\n  Milliseconds,\n  ReactMeasure,\n  ReactProfilerData,\n} from
'./types';\n\nfunction unmemoizedGetBatchRange(\n  batchUID: BatchUID,\n  data: ReactProfilerData,\n  minStartTime?: number = 0,\n): [Milliseconds, Milliseconds] {\n  const measures =
data.batchUIDToMeasuresMap.get(batchUID);\n  if (measures === null || measures.length === 0) {\n    throw
Error(`Could not find measures with batch UID "${batchUID}"`);\n  }\n\n  const lastMeasure =
((measures[measures.length - 1]: any): ReactMeasure);\n  const stopTime = lastMeasure.timestamp +
lastMeasure.duration;\n\n  if (stopTime < minStartTime) {\n    return [0, 0];\n  }\n\n  let startTime =
minStartTime;\n  for (let index = 0; index < measures.length; index++) {\n    const measure = measures[index];\n    if (measure.timestamp >= minStartTime) {\n      startTime = measure.timestamp;\n      break;\n    }\n  }\n\n  return

```



```

[startTime, stopTime];\n}\n\nexport const getBatchRange = memoize(unmemoizedGetBatchRange);\n", "/*\n *
Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in
the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport type {Point} from
'./view-base';\nimport type {\n FlamechartStackFrame,\n NativeEvent,\n NetworkMeasure,\n
ReactComponentMeasure,\n ReactHoverContextInfo,\n ReactMeasure,\n ReactProfilerData,\n
SchedulingEvent,\n Snapshot,\n SuspenseEvent,\n ThrownError,\n UserTimingMark,\n } from './types';\n\nimport
* as React from 'react';\nimport {formatDuration, formatTimestamp, trimString} from './utils/formatting';\nimport
{getBatchRange} from './utils/getBatchRange';\nimport useSmartTooltip from './utils/useSmartTooltip';\nimport
styles from './EventTooltip.css';\n\nconst MAX_TOOLTIP_TEXT_LENGTH = 60;\n\ntype Props = {\n canvasRef:
HTMLCanvasElement | null,\n data: ReactProfilerData,\n height: number,\n hoveredEvent:
ReactHoverContextInfo | null,\n origin: Point,\n width: number,\n};\n\nfunction getSchedulingEventLabel(event:
SchedulingEvent): string | null {\n switch (event.type) {\n case 'schedule-render':\n return 'render scheduled';\n
case 'schedule-state-update':\n return 'state update scheduled';\n case 'schedule-force-update':\n return 'force
update scheduled';\n default:\n return null;\n }\n}\n\nfunction getReactMeasureLabel(type): string | null {\n
switch (type) {\n case 'commit':\n return 'react commit';\n case 'render-idle':\n return 'react idle';\n case
'render':\n return 'react render';\n case 'layout-effects':\n return 'react layout effects';\n case 'passive-
effects':\n return 'react passive effects';\n default:\n return null;\n }\n}\n\nexport default function
EventTooltip({\n canvasRef,\n data,\n height,\n hoveredEvent,\n origin,\n width,\n}: Props) {\n const ref =
useSmartTooltip({\n canvasRef,\n mouseX: origin.x,\n mouseY: origin.y,\n });\n\n if (hoveredEvent ===
null) {\n return null;\n }\n\n const {\n componentMeasure,\n flamechartStackFrame,\n measure,\n
nativeEvent,\n networkMeasure,\n schedulingEvent,\n snapshot,\n suspenseEvent,\n thrownError,\n
userTimingMark,\n } = hoveredEvent;\n\n let content = null;\n if (componentMeasure !== null) {\n content = (\n
<TooltipReactComponentMeasure componentMeasure={componentMeasure} />\n );\n } else if (nativeEvent
!== null) {\n content = <TooltipNativeEvent nativeEvent={nativeEvent} />\n } else if (networkMeasure !==
null) {\n content = <TooltipNetworkMeasure networkMeasure={networkMeasure} />\n } else if
(schedulingEvent !== null) {\n content = (\n <TooltipSchedulingEvent data={data}\n
schedulingEvent={schedulingEvent} />\n );\n } else if (snapshot !== null) {\n content = (\n
<TooltipSnapshot height={height} snapshot={snapshot} width={width} />\n );\n } else if (suspenseEvent !==
null) {\n content = <TooltipSuspenseEvent suspenseEvent={suspenseEvent} />\n } else if (measure !== null) {\n
content = <TooltipReactMeasure data={data} measure={measure} />\n } else if (flamechartStackFrame !== null)
{\n content = <TooltipFlamechartNode stackFrame={flamechartStackFrame} />\n } else if (userTimingMark !==
null) {\n content = <TooltipUserTimingMark mark={userTimingMark} />\n } else if (thrownError !== null) {\n
content = <TooltipThrownError thrownError={thrownError} />\n }\n\n if (content !== null) {\n return (\n
<div className={styles.Tooltip} ref={ref}>\n {content}\n </div>\n );\n } else {\n return null;\n
}\n}\n\nconst TooltipReactComponentMeasure = ({\n componentMeasure,\n}: {\n componentMeasure:
ReactComponentMeasure,\n}) => {\n const {componentName, duration, timestamp, type, warning} =
componentMeasure;\n\n let label = componentName;\n switch (type) {\n case 'render':\n label += '
rendered';\n break;\n case 'layout-effect-mount':\n label += 'mounted layout effect';\n break;\n case
'layout-effect-unmount':\n label += 'unmounted layout effect';\n break;\n case 'passive-effect-mount':\n
label += 'mounted passive effect';\n break;\n case 'passive-effect-unmount':\n label += 'unmounted passive
effect';\n break;\n }\n\n return (\n <>\n <div className={styles.TooltipSection}>\n {trimString(label,
768)}\n <div className={styles.Divider} />\n <div className={styles.DetailsGrid}>\n <div
className={styles.DetailsGridLabel}>Timestamp:</div>\n <div>{formatTimestamp(timestamp)}</div>\n
<div className={styles.DetailsGridLabel}>Duration:</div>\n <div>{formatDuration(duration)}</div>\n
</div>\n </div>\n {warning !== null && (\n <div className={styles.TooltipWarningSection}>\n
<div className={styles.WarningText}>{warning}</div>\n </div>\n )}\n </>\n );\n}\n\nconst
TooltipFlamechartNode = ({\n stackFrame,\n}: {\n stackFrame: FlamechartStackFrame,\n}) => {\n const {name,
timestamp, duration, locationLine, locationColumn} = stackFrame;\n return (\n <div

```

```

className={styles.TooltipSection}>\n    <span
className={styles.FlamechartStackFrameName}>{name}</span>\n    <div className={styles.DetailsGrid}>\n
    <div className={styles.DetailsGridLabel}>Timestamp:</div>\n
<div>{formatTimestamp(timestamp)}</div>\n    <div className={styles.DetailsGridLabel}>Duration:</div>\n
    <div>{formatDuration(duration)}</div>\n    {(locationLine !== undefined || locationColumn !== undefined)
&& (\n    <>\n    <div className={styles.DetailsGridLabel}>Location:</div>\n    <div>\n    line
{locationLine}, column {locationColumn}\n    </div>\n    </>\n    )}\n    </div>\n    </div>\n
);</div>\n\nconst TooltipNativeEvent = ({nativeEvent}: {nativeEvent: NativeEvent}) => {\n  const {duration,
timestamp, type, warning} = nativeEvent;\n  return (\n    <>\n    <div className={styles.TooltipSection}>\n
<span className={styles.NativeEventName}>{trimString(type, 768)}</span>\n    event\n    <div
className={styles.Divider} />\n    <div className={styles.DetailsGrid}>\n    <div
className={styles.DetailsGridLabel}>Timestamp:</div>\n    <div>{formatTimestamp(timestamp)}</div>\n
    <div className={styles.DetailsGridLabel}>Duration:</div>\n    <div>{formatDuration(duration)}</div>\n
    </div>\n    </div>\n    {warning !== null && (\n    <div className={styles.TooltipWarningSection}>\n
<div className={styles.WarningText}>{warning}</div>\n    </div>\n    )}\n    </>\n    );</div>\n\nconst
TooltipNetworkMeasure = ({\n  networkMeasure,\n}: {\n  networkMeasure: NetworkMeasure,\n}) => {\n  const
{\n    finishTimestamp,\n    lastReceivedDataTimestamp,\n    priority,\n    sendRequestTimestamp,\n    url,\n  } =
networkMeasure;\n  let urlToDisplay = url;\n  if (urlToDisplay.length > MAX_TOOLTIP_TEXT_LENGTH) {\n
  const half = Math.floor(MAX_TOOLTIP_TEXT_LENGTH / 2);\n  urlToDisplay = url.substr(0, half) + '...' +
url.substr(url.length - half);\n  }\n  const timestampBegin = sendRequestTimestamp;\n  const timestampEnd =
finishTimestamp || lastReceivedDataTimestamp;\n  const duration =\n    timestampEnd > 0\n    ?
formatDuration(finishTimestamp - timestampBegin)\n    : '(incomplete)';\n  return (\n    <div
className={styles.SingleLineTextSection}>\n    {duration} <span
className={styles.DimText}>{priority}</span>{' '}\n    {urlToDisplay}\n    </div>\n    );</div>\n\nconst
TooltipSchedulingEvent = ({\n  data,\n  schedulingEvent,\n}: {\n  data: ReactProfilerData,\n  schedulingEvent:
SchedulingEvent,\n}) => {\n  const label = getSchedulingEventLabel(schedulingEvent);\n  if (!label) {\n    if
(__DEV__) {\n      console.warn(\n        'Unexpected schedulingEvent type "%s"',\n        schedulingEvent.type,\n
      );\n    }\n    return null;\n  }\n  let laneLabels = null;\n  let lanes = null;\n  switch (schedulingEvent.type) {\n
  case 'schedule-render':\n  case 'schedule-state-update':\n  case 'schedule-force-update':\n    lanes =
schedulingEvent.lanes;\n    laneLabels = lanes.map(\n      lane => ((data.laneToLabelMap.get(lane): any):
string),\n    );\n    break;\n  }\n  const {componentName, timestamp, warning} = schedulingEvent;\n  return (\n
    <>\n    <div className={styles.TooltipSection}>\n    {componentName} && (\n    <span
className={styles.ComponentName}>\n    {trimString(componentName, 100)}\n    </span>\n    )\n    {label}\n
    <div className={styles.Divider} />\n    <div className={styles.DetailsGrid}>\n
    {laneLabels !== null && lanes !== null && (\n    <>\n    <div
className={styles.DetailsGridLabel}>Lanes:</div>\n    <div>\n    {laneLabels.join(', ')}
({lanes.join(', ')}\n    </div>\n    </>\n    )}\n    <div
className={styles.DetailsGridLabel}>Timestamp:</div>\n    <div>{formatTimestamp(timestamp)}</div>\n
    </div>\n    </div>\n    {warning !== null && (\n    <div className={styles.TooltipWarningSection}>\n
<div className={styles.WarningText}>{warning}</div>\n    </div>\n    )}\n    </>\n    );</div>\n\nconst
TooltipSnapshot = ({\n  height,\n  snapshot,\n  width,\n}: {\n  height: number,\n  snapshot: Snapshot,\n  width:
number,\n}) => {\n  const aspectRatio = snapshot.width / snapshot.height;\n  // Zoomed in view should not be any
bigger than the DevTools viewport.\n  let safeWidth = snapshot.width;\n  let safeHeight = snapshot.height;\n  if
(safeWidth > width) {\n    safeWidth = width;\n    safeHeight = safeWidth / aspectRatio;\n  }\n  if (safeHeight >
height) {\n    safeHeight = height;\n    safeWidth = safeHeight * aspectRatio;\n  }\n  return (\n    <img\n
className={styles.Image}>\n    src={snapshot.imageSource}\n    style={{height: safeHeight, width:
safeWidth}}\n    />\n    );</div>\n\nconst TooltipSuspenseEvent = ({\n  suspenseEvent,\n}: {\n  suspenseEvent:
SuspenseEvent,\n}) => {\n  const {\n    componentName,\n    duration,\n    phase,\n    promiseName,\n

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resolution,\n timestamp,\n warning,\n } = suspenseEvent;\n\n let label = 'suspended';\n if (phase !== null) {\n label += ` during ${phase}`;\n }\n\n return (\n <\n <div className={styles.TooltipSection}>\n {componentName && (\n <span className={styles.ComponentName}>\n {trimString(componentName, 100)}\n </span>\n )}\n {label}\n <div className={styles.Divider}>\n />\n <div className={styles.DetailsGrid}>\n {promiseName !== null && (\n <\n <div className={styles.DetailsGridLabel}>Resource:</div>\n <div className={styles.DetailsGridLongValue}>{promiseName}</div>\n </>\n )}\n <div className={styles.DetailsGridLabel}>Status:</div>\n <div>{resolution}</div>\n <div className={styles.DetailsGridLabel}>Timestamp:</div>\n <div>{formatTimestamp(timestamp)}</div>\n {duration !== null && (\n <\n <div className={styles.DetailsGridLabel}>Duration:</div>\n <div>{formatDuration(duration)}</div>\n </>\n )}\n </div>\n </div>\n {warning !== null && (\n <div className={styles.TooltipWarningSection}>\n <div className={styles.WarningText}>{warning}</div>\n </div>\n )}\n </>\n );\n};\n\nconst TooltipReactMeasure = ({\n data,\n measure,\n } : {\n data: ReactProfilerData,\n measure: ReactMeasure,\n }) => {\n const label = getReactMeasureLabel(measure.type);\n if (!label) {\n if (__DEV__) {\n console.warn("Unexpected measure type \"%s\"", measure.type);\n }\n return null;\n }\n\n const {batchUID, duration, timestamp, lanes} = measure;\n const [startTime, stopTime] = getBatchRange(batchUID, data);\n\n const laneLabels = lanes.map(\n lane => ((data.laneToLabelMap.get(lane): any): string),\n );\n\n return (\n <div className={styles.TooltipSection}>\n <span className={styles.ReactMeasureLabel}>{label}</span>\n <div className={styles.Divider} />\n <div className={styles.DetailsGrid}>\n <div className={styles.DetailsGridLabel}>Timestamp:</div>\n <div>{formatTimestamp(timestamp)}</div>\n {measure.type !== 'render-idle' && (\n <\n <div className={styles.DetailsGridLabel}>Duration:</div>\n <div>{formatDuration(duration)}</div>\n </>\n )}\n <div className={styles.DetailsGridLabel}>Batch duration:</div>\n <div>{formatDuration(stopTime - startTime)}</div>\n <div className={styles.DetailsGridLabel}>\n Lane{lanes.length === 1 ? " : 's':\n </div>\n <div>\n {laneLabels.length > 0\n ?\n `${laneLabels.join(', ')} (${lanes.join(', ')}`\n : lanes.join(', ')}\n </div>\n </div>\n </div>\n );\n};\n\nconst TooltipUserTimingMark = ({mark} : {mark: UserTimingMark}) => {\n const {name, timestamp} = mark;\n return (\n <div className={styles.TooltipSection}>\n <span className={styles.UserTimingLabel}>{name}</span>\n <div className={styles.Divider} />\n <div className={styles.DetailsGrid}>\n <div className={styles.DetailsGridLabel}>Timestamp:</div>\n <div>{formatTimestamp(timestamp)}</div>\n </div>\n </div>\n );\n};\n\nconst TooltipThrownError = ({thrownError} : {thrownError: ThrownError}) => {\n const {componentName, message, phase, timestamp} = thrownError;\n const label = `threw an error during ${phase}`;\n return (\n <div className={styles.TooltipSection}>\n {componentName && (\n <span className={styles.ComponentName}>\n {trimString(componentName, 100)}\n </span>\n )}\n <span className={styles.UserTimingLabel}>{label}</span>\n <div className={styles.Divider} />\n <div className={styles.DetailsGrid}>\n <div className={styles.DetailsGridLabel}>Timestamp:</div>\n <div>{formatTimestamp(timestamp)}</div>\n {message !== "" && (\n <\n <div className={styles.DetailsGridLabel}>Error:</div>\n <div>{message}</div>\n </>\n )}\n </div>\n </div>\n );\n};\n\n"/>**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport {useLayoutEffect, useRef} from 'react';\n\nconst TOOLTIP_OFFSET_BOTTOM = 10;\nconst TOOLTIP_OFFSET_TOP = 5;\n\nexport default function useSmartTooltip({\n canvasRef,\n mouseX,\n mouseY,\n } : {\n canvasRef: {current: HTMLCanvasElement | null},\n mouseX: number,\n mouseY: number,\n }) {\n const ref = useRef<HTMLDivElement | null>(null);\n\n // HACK: Browser extension reports window.innerHeight of 0,\n // so we fallback to using the tooltip target element.\n let height = window.innerHeight;\n let width = window.innerWidth;\n const target = canvasRef.current;\n if (target !== null) {\n const rect =

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target.getBoundingClientRect();\n height = rect.top + rect.height;\n width = rect.left + rect.width;\n }\n\n
useLayoutEffect(() => {\n const element = ref.current;\n if (element !== null) {\n // Let's check the vertical
position.\n if (mouseY + TOOL TIP_OFFSET_BOTTOM + element.offsetHeight >= height) {\n // The
tooltip doesn't fit below the mouse cursor (which is our\n // default strategy). Therefore we try to position it
either above the\n // mouse cursor or finally aligned with the window's top edge.\n if (mouseY -
TOOL TIP_OFFSET_TOP - element.offsetHeight > 0) {\n // We position the tooltip above the mouse cursor if
it fits there.\n element.style.top = `${mouseY -\n element.offsetHeight -\n
TOOL TIP_OFFSET_TOP}px`;}\n } else {\n // Otherwise we align the tooltip with the window's top
edge.\n element.style.top = '0px';}\n } else {\n element.style.top = `${mouseY +
TOOL TIP_OFFSET_BOTTOM}px`;}\n }\n}\n // Now let's check the horizontal position.\n if (mouseX +
TOOL TIP_OFFSET_BOTTOM + element.offsetWidth >= width) {\n // The tooltip doesn't fit at the right of the
mouse cursor (which is\n // our default strategy). Therefore we try to position it either at the\n // left of the
mouse cursor or finally aligned with the window's left\n // edge.\n if (mouseX - TOOL TIP_OFFSET_TOP -
element.offsetWidth > 0) {\n // We position the tooltip at the left of the mouse cursor if it fits\n // there.\n
element.style.left = `${mouseX -\n element.offsetWidth -\n TOOL TIP_OFFSET_TOP}px`;}\n
} else {\n // Otherwise, align the tooltip with the window's left edge.\n element.style.left = '0px';}\n
}\n } else {\n element.style.left = `${mouseX + TOOL TIP_OFFSET_BOTTOM}px`;}\n }\n }\n\n
return ref;\n}\n\n","/>\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under
the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n
*\n\nimport * as React from 'react';\nimport { createContext, useMemo, useReducer } from 'react';\n\nimport type
{\n ReactComponentMeasure,\n ReactProfilerData,\n ViewState,\n} from './types';\n\n type State = {\n\n
profilerData: ReactProfilerData,\n searchIndex: number,\n searchRegExp: RegExp | null,\n searchResults:
Array<ReactComponentMeasure>,\n searchText: string,\n};\n\n type
ACTION_GO_TO_NEXT_SEARCH_RESULT = {\n type: 'GO_TO_NEXT_SEARCH_RESULT',\n};\n\n type
ACTION_GO_TO_PREVIOUS_SEARCH_RESULT = {\n type:
'GO_TO_PREVIOUS_SEARCH_RESULT',\n};\n\n type ACTION_SET_SEARCH_TEXT = {\n type:
'SET_SEARCH_TEXT',\n payload: string,\n};\n\n type Action =\n |
ACTION_GO_TO_NEXT_SEARCH_RESULT\n | ACTION_GO_TO_PREVIOUS_SEARCH_RESULT\n |
ACTION_SET_SEARCH_TEXT;\n\n type Dispatch = (action: Action) => void;\n\n const EMPTY_ARRAY =
[];\n\n function reducer(state: State, action: Action): State {\n let {searchIndex, searchRegExp, searchResults,
searchText} = state;\n\n switch (action.type) {\n case 'GO_TO_NEXT_SEARCH_RESULT':\n if
(searchResults.length > 0) {\n if (searchIndex === -1 || searchIndex + 1 === searchResults.length) {\n
searchIndex = 0;\n } else {\n searchIndex++;\n }\n } break;\n case
'GO_TO_PREVIOUS_SEARCH_RESULT':\n if (searchResults.length > 0) {\n if (searchIndex === -1 ||
searchIndex === 0) {\n searchIndex = searchResults.length - 1;\n } else {\n searchIndex--;\n }\n
} break;\n case 'SET_SEARCH_TEXT':\n searchText = action.payload;\n searchRegExp = null;\n\n
searchResults = [];\n\n if (searchText !== '') {\n const safeSearchText = searchText.replace(\n
/[*+?^$*]|\[\]|\]|\|/g,\n '\\\\$&');\n searchRegExp = new RegExp(`^${safeSearchText}`, 'i');\n\n
// If something is zoomed in on already, and the new search still contains it,\n // don't change the selection
(even if overall search results set changes).\n let prevSelectedMeasure = null;\n if (searchIndex >= 0 &&
searchResults.length > searchIndex) {\n prevSelectedMeasure = searchResults[searchIndex];\n }\n\n
const componentMeasures = state.profilerData.componentMeasures;\n let prevSelectedMeasureIndex = -
1;\n\n for (let i = 0; i < componentMeasures.length; i++) {\n const componentMeasure =
componentMeasures[i];\n if (componentMeasure.componentName.match(searchRegExp)) {\n\n
searchResults.push(componentMeasure);\n\n if (componentMeasure === prevSelectedMeasure) {\n\n
prevSelectedMeasureIndex = searchResults.length - 1;\n }\n }\n }\n\n searchIndex =\n\n prevSelectedMeasureIndex >= 0 ? prevSelectedMeasureIndex : 0;\n }\n break;\n }\n\n return {\n\n
profilerData: state.profilerData,\n searchIndex,\n searchRegExp,\n searchResults,\n searchText,\n\n

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};\n\nexport type Context = {\n  profilerData: ReactProfilerData,\n  // Search state\n  dispatch: Dispatch,\n  searchIndex: number,\n  searchRegExp: null,\n  searchResults: Array<ReactComponentMeasure>,\n  searchText: string,\n};\n\nconst TimelineSearchContext = createContext<Context>(((null: any): Context));\nTimelineSearchContext.displayName = 'TimelineSearchContext';\n\ninterface Props = {\n  children: React$Node,\n  profilerData: ReactProfilerData,\n  viewState: ViewState,\n};\n\nfunction TimelineSearchContextController({\n  children,\n  profilerData,\n  viewState,\n}: Props) {\n  const [state, dispatch] = useReducer<State, State, Action>(reducer, {\n    profilerData,\n    searchIndex: -1,\n    searchRegExp: null,\n    searchResults: EMPTY_ARRAY,\n    searchText: '',\n  });\n\n  const value = useMemo(() => ({\n    ...state,\n    dispatch,\n  }), [state], [dispatch]);\n\n  return (\n    <TimelineSearchContext.Provider value={value}>\n      {children}\n    </TimelineSearchContext.Provider>\n  );\n}\n\nexport {TimelineSearchContext, TimelineSearchContextController};\n\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n */\n\n * @flow\n */\n\nimport type {Point} from './view-base';\nimport type {\n  ReactHoverContextInfo,\n  ReactProfilerData,\n  ReactMeasure,\n  ViewState,\n} from './types';\nimport * as React from 'react';\nimport {\n  Fragment,\n  useContext,\n  useEffect,\n  useLayoutEffect,\n  useRef,\n  useState,\n  useCallback,\n} from 'react';\nimport AutoSizer from 'react-virtualized-auto-sizer';\nimport {copy} from 'clipboard-js';\nimport prettyMilliseconds from 'pretty-ms';\nimport {\n  HorizontalPanAndZoomView,\n  ResizableView,\n  VerticalScrollOverflowView,\n  Surface,\n  VerticalScrollView,\n  View,\n  useCanvasInteraction,\n  verticallyStackedLayout,\n  zeroPoint,\n} from './view-base';\nimport {\n  ComponentMeasuresView,\n  FlamechartView,\n  NativeEventsView,\n  NetworkMeasuresView,\n  ReactMeasuresView,\n  SchedulingEventsView,\n  SnapshotsView,\n  SuspenseEventsView,\n  ThrownErrorsView,\n  TimeAxisMarkersView,\n  UserTimingMarksView,\n} from './content-views';\nimport {COLORS} from './content-views/constants';\nimport {clampState, moveStateToRange} from './view-base/utls/scrollState';\nimport EventTooltip from './EventTooltip';\nimport {RegistryContext} from 'react-devtools-shared/src/devtools/ContextMenu/Contexts';\nimport ContextMenu from 'react-devtools-shared/src/devtools/ContextMenu/ContextMenu';\nimport ContextMenuItem from 'react-devtools-shared/src/devtools/ContextMenu/ContextMenuItem';\nimport useContextMenu from 'react-devtools-shared/src/devtools/ContextMenu/useContextMenu';\nimport {getBatchRange} from './utls/getBatchRange';\nimport {MAX_ZOOM_LEVEL, MIN_ZOOM_LEVEL} from './view-base/constants';\nimport {TimelineSearchContext} from './TimelineSearchContext';\nimport styles from './CanvasPage.css';\n\nconst CONTEXT_MENU_ID = 'canvas';\n\ninterface Props = {\n  profilerData: ReactProfilerData,\n  viewState: ViewState,\n};\n\nfunction CanvasPage({profilerData, viewState}: Props) {\n  return (\n    <div\n      className={styles.CanvasPage}\n      style={{backgroundColor: COLORS.BACKGROUND}}\n    >\n      <AutoSizer>\n        ({{height, width}: {height: number, width: number}} => (\n          <AutoSizedCanvas\n            data={profilerData}\n            height={height}\n            viewState={viewState}\n            width={width}\n          />\n        ))\n      </AutoSizer>\n    </div>\n  );\n}\n\nconst copySummary = (data: ReactProfilerData, measure: ReactMeasure) => {\n  const {batchUID, duration, timestamp, type} = measure;\n\n  const [startTime, stopTime] = getBatchRange(batchUID, data);\n\n  copy(\n    JSON.stringify({\n      type,\n      timestamp: prettyMilliseconds(timestamp),\n      duration: prettyMilliseconds(duration),\n      batchDuration: prettyMilliseconds(stopTime - startTime),\n    }),\n  );\n}\n\nconst zoomToBatch = (\n  data: ReactProfilerData,\n  measure: ReactMeasure,\n  viewState: ViewState,\n  width: number,\n) => {\n  const {batchUID} = measure;\n  const [rangeStart, rangeEnd] = getBatchRange(batchUID, data);\n\n  // Convert from time range to ScrollState\n  const scrollState = moveStateToRange({\n    state: viewState.horizontalScrollState,\n    rangeStart,\n    rangeEnd,\n    contentLength: data.duration,\n    minContentLength: data.duration * MIN_ZOOM_LEVEL,\n    maxContentLength: data.duration * MAX_ZOOM_LEVEL,\n    containerLength: width,\n  });\n\n  viewState.updateHorizontalScrollState(scrollState);\n}\n\nconst EMPTY_CONTEXT_INFO: ReactHoverContextInfo = {\n  componentMeasure: null,\n  flamechartStackFrame: null,\n  measure: null,\n}

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nativeEvent: null,\n networkMeasure: null,\n schedulingEvent: null,\n snapshot: null,\n suspenseEvent: null,\n
thrownError: null,\n userTimingMark: null,\n};\n\nntype AutoSizedCanvasProps = {\n data: ReactProfilerData,\n
height: number,\n viewState: ViewState,\n width: number,\n};\n\nfunction AutoSizedCanvas({\n data,\n height,\n
viewState,\n width,\n}: AutoSizedCanvasProps) {\n const canvasRef = useRef<HTMLCanvasElement |
null>(null);\n\n const [isContextMenuShown, setIsContextMenuShown] = useState<boolean>(false);\n const
[mouseLocation, setMouseLocation] = useState<Point>(zeroPoint); // DOM coordinates\n const [\n
hoveredEvent,\n setHoveredEvent,\n ] = useState<ReactHoverContextInfo | null>(null);\n\n const
resetHoveredEvent = useCallback(\n () => setHoveredEvent(EMPTY_CONTEXT_INFO),\n [],\n );\n\n const
{searchIndex, searchRegExp, searchResults} = useContext(\n TimelineSearchContext,\n );\n\n // This effect
searches timeline data and scrolls to the next match wen search criteria change.\n useEffect(() => {\n
viewState.updateSearchRegExpState(searchRegExp);\n\n const componentMeasureSearchResult =\n
searchResults.length > 0 ? searchResults[searchIndex] : null;\n\n if (componentMeasureSearchResult != null) {\n
const scrollState = moveStateToRange({\n state: viewState.horizontalScrollState,\n rangeStart:\n
componentMeasureSearchResult.timestamp,\n rangeEnd:\n componentMeasureSearchResult.timestamp
+\n componentMeasureSearchResult.duration,\n contentLength: data.duration,\n minContentLength:\n
data.duration * MIN_ZOOM_LEVEL,\n maxContentLength: data.duration * MAX_ZOOM_LEVEL,\n
containerLength: width,\n });\n\n viewState.updateHorizontalScrollState(scrollState);\n }\n\n
surfaceRef.current.displayIfNeeded();\n }, [searchIndex, searchRegExp, searchResults, viewState]);\n\n const
surfaceRef = useRef(new Surface(resetHoveredEvent));\n const userTimingMarksViewRef = useRef(null);\n const
nativeEventsViewRef = useRef(null);\n const schedulingEventsViewRef = useRef(null);\n const
suspenseEventsViewRef = useRef(null);\n const componentMeasuresViewRef = useRef(null);\n const
reactMeasuresViewRef = useRef(null);\n const flamechartViewRef = useRef(null);\n const
networkMeasuresViewRef = useRef(null);\n const snapshotsViewRef = useRef(null);\n const
thrownErrorsViewRef = useRef(null);\n\n const {hideMenu: hideContextMenu} =
useContext(RegistryContext);\n\n useEffect(() => {\n const surface = surfaceRef.current;\n const
defaultFrame = {origin: zeroPoint, size: {width, height}};\n\n // Auto hide context menu when panning.\n
viewState.onHorizontalScrollStateChange(scrollState => {\n hideContextMenu();\n });\n\n // Initialize
horizontal view state\n viewState.updateHorizontalScrollState(\n clampState({\n state:\n
viewState.horizontalScrollState,\n minContentLength: data.duration * MIN_ZOOM_LEVEL,\n
maxContentLength: data.duration * MAX_ZOOM_LEVEL,\n containerLength: defaultFrame.size.width,\n
}),\n );\n\n function createViewHelper(\n view: View,\n label: string,\n shouldScrollVertically: boolean
= false,\n shouldResizeVertically: boolean = false,\n ): View {\n let verticalScrollView = null;\n if
(shouldScrollVertically) {\n verticalScrollView = new VerticalScrollView(\n surface,\n
defaultFrame,\n view,\n viewState,\n label,\n );\n }\n\n const
horizontalPanAndZoomView = new HorizontalPanAndZoomView(\n surface,\n defaultFrame,\n
verticalScrollView !== null ? verticalScrollView : view,\n data.duration,\n viewState,\n );\n\n let
resizableView = null;\n if (shouldResizeVertically) {\n resizableView = new ResizableView(\n
surface,\n defaultFrame,\n horizontalPanAndZoomView,\n viewState,\n canvasRef,\n
label,\n );\n }\n\n return resizableView || horizontalPanAndZoomView;\n }\n\n const
axisMarkersView = new TimeAxisMarkersView(\n surface,\n defaultFrame,\n data.duration,\n );\n\n
const axisMarkersViewWrapper = createViewHelper(axisMarkersView, 'time');\n\n let
userTimingMarksViewWrapper = null;\n if (data.otherUserTimingMarks.length > 0) {\n const
userTimingMarksView = new UserTimingMarksView(\n surface,\n defaultFrame,\n
data.otherUserTimingMarks,\n data.duration,\n );\n\n userTimingMarksViewRef.current =
userTimingMarksView;\n\n userTimingMarksViewWrapper = createViewHelper(\n userTimingMarksView,\n
'user timing api',\n );\n }\n\n const nativeEventsView = new NativeEventsView(surface, defaultFrame,
data);\n\n nativeEventsViewRef.current = nativeEventsView;\n\n const nativeEventsViewWrapper =
createViewHelper(\n nativeEventsView,\n 'events',\n true,\n true,\n );\n\n let

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thrownErrorsViewWrapper = null;\n  if (data.thrownErrors.length > 0) {\n    const thrownErrorsView = new
ThrownErrorsView(\n    surface,\n    defaultFrame,\n    data,\n    );\n    thrownErrorsViewRef.current =
thrownErrorsView;\n    thrownErrorsViewWrapper = createViewHelper(\n    thrownErrorsView,\n    'thrown
errors',\n    );\n  }\n  const schedulingEventsView = new SchedulingEventsView(\n    surface,\n
defaultFrame,\n    data,\n    );\n    schedulingEventsViewRef.current = schedulingEventsView;\n    const
schedulingEventsViewWrapper = createViewHelper(\n    schedulingEventsView,\n    'react updates',\n    );\n  }\n  let suspenseEventsViewWrapper = null;\n  if (data.suspenseEvents.length > 0) {\n    const suspenseEventsView =
new SuspenseEventsView(\n    surface,\n    defaultFrame,\n    data,\n    );\n    suspenseEventsViewRef.current = suspenseEventsView;\n    suspenseEventsViewWrapper = createViewHelper(\n
    suspenseEventsView,\n    'suspense',\n    true,\n    true,\n    );\n  }\n  const reactMeasuresView = new
ReactMeasuresView(\n    surface,\n    defaultFrame,\n    data,\n    );\n    reactMeasuresViewRef.current =
reactMeasuresView;\n    const reactMeasuresViewWrapper = createViewHelper(\n    reactMeasuresView,\n
'react scheduling',\n    true,\n    true,\n    );\n  }\n  let componentMeasuresViewWrapper = null;\n  if
(data.componentMeasures.length > 0) {\n    const componentMeasuresView = new ComponentMeasuresView(\n
    surface,\n    defaultFrame,\n    data,\n    viewState,\n    );\n    componentMeasuresViewRef.current =
componentMeasuresView;\n    componentMeasuresViewWrapper = createViewHelper(\n
    componentMeasuresView,\n    'react components',\n    );\n  }\n  let snapshotsViewWrapper = null;\n  if
(data.snapshots.length > 0) {\n    const snapshotsView = new SnapshotsView(surface, defaultFrame, data);\n
    snapshotsViewRef.current = snapshotsView;\n    snapshotsViewWrapper = createViewHelper(\n
    snapshotsView,\n    'snapshots',\n    true,\n    true,\n    );\n  }\n  let networkMeasuresViewWrapper =
null;\n  if (data.snapshots.length > 0) {\n    const networkMeasuresView = new NetworkMeasuresView(\n
    surface,\n    defaultFrame,\n    data,\n    );\n    networkMeasuresViewRef.current = networkMeasuresView;\n
    networkMeasuresViewWrapper = createViewHelper(\n    networkMeasuresView,\n    'network',\n    true,\n
    true,\n    );\n  }\n  const flamechartView = new FlamechartView(\n    surface,\n    defaultFrame,\n
    data.flamechart,\n    data.internalModuleSourceToRanges,\n    data.duration,\n    );\n    flamechartViewRef.current
= flamechartView;\n    const flamechartViewWrapper = createViewHelper(\n    flamechartView,\n
'flamechart',\n    true,\n    true,\n    );\n  }\n  // Root view contains all of the sub views defined above.\n  // The
order we add them below determines their vertical position.\n  const rootView = new View(\n    surface,\n
defaultFrame,\n    verticallyStackedLayout,\n    defaultFrame,\n    COLORS.BACKGROUND,\n    );\n    rootView.addSubview(axisMarkersViewWrapper);\n    if (userTimingMarksViewWrapper !== null) {\n
    rootView.addSubview(userTimingMarksViewWrapper);\n  }\n  rootView.addSubview(nativeEventsViewWrapper);\n  rootView.addSubview(schedulingEventsViewWrapper);\n  if (thrownErrorsViewWrapper !== null) {\n
    rootView.addSubview(thrownErrorsViewWrapper);\n  }\n  if (suspenseEventsViewWrapper !== null) {\n
    rootView.addSubview(suspenseEventsViewWrapper);\n  }\n  rootView.addSubview(reactMeasuresViewWrapper);\n  if (componentMeasuresViewWrapper !== null) {\n
    rootView.addSubview(componentMeasuresViewWrapper);\n  }\n  if (snapshotsViewWrapper !== null) {\n
    rootView.addSubview(snapshotsViewWrapper);\n  }\n  if (networkMeasuresViewWrapper !== null) {\n
    rootView.addSubview(networkMeasuresViewWrapper);\n  }\n  rootView.addSubview(flamechartViewWrapper);\n  const verticalScrollOverflowView = new
VerticalScrollOverflowView(\n    surface,\n    defaultFrame,\n    rootView,\n    viewState,\n    );\n  }\n  surfaceRef.current.rootView = verticalScrollOverflowView;\n  }, [data]);\n  useLayoutEffect(() => {\n    if
(canvasRef.current) {\n    surfaceRef.current.setCanvas(canvasRef.current, {width, height});\n  }\n  }, [width,
height]);\n  const interactor = useCallback(interaction => {\n    const canvas = canvasRef.current;\n    if (canvas
=== null) {\n    return;\n  }\n  const surface = surfaceRef.current;\n  surface.handleInteraction(interaction);\n  }\n  // Flush any display work that got queued up as part of the previous
interaction.\n  // Typically there should be no work, but certain interactions may need a second pass.\n  // For
example, the ResizableView may collapse/expand its contents,\n  // which requires a second layout pass for an
ancestor VerticalScrollOverflowView.\n  //\n  // TODO It would be nice to remove this call for performance

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reasons.\n // To do that, we'll need to address the UX bug with VerticalScrollOverflowView.\n // For more info
see: https://github.com/facebook/react/pull/22005#issuecomment-896953399\n surface.displayIfNeeded();\n\n
canvas.style.cursor = surface.getCurrentCursor() || 'default';\n\n // Defer drawing to canvas until React's commit
phase, to avoid drawing\n // twice and to ensure that both the canvas and DOM elements managed by\n // React
are in sync.\n setMouseLocation({\n x: interaction.payload.event.x,\n y: interaction.payload.event.y,\n
});\n }, []);\n\n useCanvasInteraction(canvasRef, interactor);\n\n useContextMenu({\n data: {\n data,\n
hoveredEvent,\n },\n id: CONTEXT_MENU_ID,\n onChange: setIsContextMenuShown,\n ref: canvasRef,\n
});\n\n useEffect(() => {\n const {current: userTimingMarksView} = userTimingMarksViewRef;\n if
(userTimingMarksView) {\n userTimingMarksView.onHover = userTimingMark => {\n if (!hoveredEvent ||
hoveredEvent.userTimingMark !== userTimingMark) {\n setHoveredEvent({\n
...EMPTY_CONTEXT_INFO,\n userTimingMark,\n });\n }\n });\n\n const {current:
nativeEventsView} = nativeEventsViewRef;\n if (nativeEventsView) {\n nativeEventsView.onHover =
nativeEvent => {\n if (!hoveredEvent || hoveredEvent.nativeEvent !== nativeEvent) {\n
setHoveredEvent({\n ...EMPTY_CONTEXT_INFO,\n nativeEvent,\n });\n }\n });\n\n
}\n\n const {current: schedulingEventsView} = schedulingEventsViewRef;\n if (schedulingEventsView) {\n
schedulingEventsView.onHover = schedulingEvent => {\n if (!hoveredEvent || hoveredEvent.schedulingEvent
!== schedulingEvent) {\n setHoveredEvent({\n ...EMPTY_CONTEXT_INFO,\n
schedulingEvent,\n });\n }\n });\n\n const {current: suspenseEventsView} =
suspenseEventsViewRef;\n if (suspenseEventsView) {\n suspenseEventsView.onHover = suspenseEvent =>
{\n if (!hoveredEvent || hoveredEvent.suspenseEvent !== suspenseEvent) {\n setHoveredEvent({\n
...EMPTY_CONTEXT_INFO,\n suspenseEvent,\n });\n }\n });\n\n const {current:
reactMeasuresView} = reactMeasuresViewRef;\n if (reactMeasuresView) {\n reactMeasuresView.onHover =
measure => {\n if (!hoveredEvent || hoveredEvent.measure !== measure) {\n setHoveredEvent({\n
...EMPTY_CONTEXT_INFO,\n measure,\n });\n }\n });\n\n const {current:
componentMeasuresView} = componentMeasuresViewRef;\n if (componentMeasuresView) {\n
componentMeasuresView.onHover = componentMeasure => {\n if (\n !hoveredEvent ||\n
hoveredEvent.componentMeasure !== componentMeasure\n ) {\n setHoveredEvent({\n
...EMPTY_CONTEXT_INFO,\n componentMeasure,\n });\n }\n });\n\n const {current:
snapshotsView} = snapshotsViewRef;\n if (snapshotsView) {\n snapshotsView.onHover = snapshot => {\n
if (!hoveredEvent || hoveredEvent.snapshot !== snapshot) {\n setHoveredEvent({\n
...EMPTY_CONTEXT_INFO,\n snapshot,\n });\n }\n });\n\n const {current:
flamechartView} = flamechartViewRef;\n if (flamechartView) {\n
flamechartView.setOnHover(flamechartStackFrame => {\n if (\n !hoveredEvent ||\n
hoveredEvent.flamechartStackFrame !== flamechartStackFrame\n ) {\n setHoveredEvent({\n
...EMPTY_CONTEXT_INFO,\n flamechartStackFrame,\n });\n }\n });\n\n const
{current: networkMeasuresView} = networkMeasuresViewRef;\n if (networkMeasuresView) {\n
networkMeasuresView.onHover = networkMeasure => {\n if (!hoveredEvent || hoveredEvent.networkMeasure
!== networkMeasure) {\n setHoveredEvent({\n ...EMPTY_CONTEXT_INFO,\n
networkMeasure,\n });\n }\n });\n\n const {current: thrownErrorsView} =
thrownErrorsViewRef;\n if (thrownErrorsView) {\n thrownErrorsView.onHover = thrownError => {\n if
(!hoveredEvent || hoveredEvent.thrownError !== thrownError) {\n setHoveredEvent({\n
...EMPTY_CONTEXT_INFO,\n thrownError,\n });\n }\n }, [\n hoveredEvent,\n
data, // Attach onHover callbacks when views are re-created on data change\n ]);\n\n
useLayoutEffect(() => {\n const userTimingMarksView = userTimingMarksViewRef.current;\n if (userTimingMarksView) {\n
userTimingMarksView.setHoveredMark(\n hoveredEvent ? hoveredEvent.userTimingMark : null,\n );\n
}\n\n const nativeEventsView = nativeEventsViewRef.current;\n if (nativeEventsView) {\n
nativeEventsView.setHoveredEvent(\n hoveredEvent ? hoveredEvent.nativeEvent : null,\n );\n }\n\n
const schedulingEventsView = schedulingEventsViewRef.current;\n if (schedulingEventsView) {\n

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schedulingEventsView.setHoveredEvent(\n    hoveredEvent ? hoveredEvent.schedulingEvent : null,\n    );\n
}\n\n
const suspenseEventsView = suspenseEventsViewRef.current;\n
if (suspenseEventsView) {\n
suspenseEventsView.setHoveredEvent(\n    hoveredEvent ? hoveredEvent.suspenseEvent : null,\n    );\n
}\n\n
const reactMeasuresView = reactMeasuresViewRef.current;\n
if (reactMeasuresView) {\n
reactMeasuresView.setHoveredMeasure(\n    hoveredEvent ? hoveredEvent.measure : null,\n    );\n
}\n\n
const flamechartView = flamechartViewRef.current;\n
if (flamechartView) {\n
flamechartView.setHoveredFlamechartStackFrame(\n    hoveredEvent ? hoveredEvent.flamechartStackFrame :\n    null,\n    );\n
}\n\n
const networkMeasuresView = networkMeasuresViewRef.current;\n
if\n
(networkMeasuresView) {\n
networkMeasuresView.setHoveredEvent(\n    hoveredEvent ?\n
hoveredEvent.networkMeasure : null,\n    );\n
}\n
}, [hoveredEvent]);\n\n
// Draw to canvas in React's commit\n
phase\n
useLayoutEffect(() => {\n
surfaceRef.current.displayIfNeeded();\n
});\n\n
return (\n
<Fragment>\n
<canvas ref={canvasRef} height={height} width={width} />\n
<ContextMenu id={CONTEXT_MENU_ID}>\n
  {contextData => {\n
    if (contextData.hoveredEvent == null) {\n
      return null;\n
    }\n
    const\n
    {\n
      componentMeasure,\n
      flamechartStackFrame,\n
      measure,\n
      networkMeasure,\n
      schedulingEvent,\n
      suspenseEvent,\n
    } = contextData.hoveredEvent;\n
    return (\n
<Fragment>\n
      {componentMeasure !== null && (\n
        <ContextMenu\n
        item\n
        onClick={()\n
=> copy(componentMeasure.componentName)}\n
        title=\"Copy component name\">\n
        Copy\n
component name\n
        </ContextMenu\n
        item>\n
        )}\n
        {networkMeasure !== null && (\n
        <ContextMenu\n
        item\n
        onClick={() => copy(networkMeasure.url)}\n
        title=\"Copy URL\">\n
        Copy URL\n
        </ContextMenu\n
        item>\n
        )}\n
        {schedulingEvent !== null && (\n
        <ContextMenu\n
        item\n
        onClick={() => copy(schedulingEvent.componentName)}\n
        title=\"Copy component name\">\n
        Copy component name\n
        </ContextMenu\n
        item>\n
        )}\n
        {suspenseEvent !== null && (\n
        <ContextMenu\n
        item\n
        onClick={() =>\n
copy(suspenseEvent.componentName)}\n
        title=\"Copy component name\">\n
        Copy\n
component name\n
        </ContextMenu\n
        item>\n
        )}\n
        {measure !== null && (\n
        <ContextMenu\n
        item\n
        onClick={() =>\n
zoomToBatch(contextData.data, measure, viewState,\n
width)\n
        }\n
        title=\"Zoom to batch\">\n
        Zoom to batch\n
        </ContextMenu\n
        item>\n
        )}\n
        {measure !== null && (\n
        <ContextMenu\n
        item\n
        onClick={() => copySummary(contextData.data, measure)}\n
        title=\"Copy summary\">\n
        Copy summary\n
        </ContextMenu\n
        item>\n
        )}\n
        {flamechartStackFrame !== null && (\n
        <ContextMenu\n
        item\n
        onClick={() => copy(flamechartStackFrame.scriptUrl)}\n
        title=\"Copy file path\">\n
        Copy file path\n
        </ContextMenu\n
        item>\n
        )}\n
        {flamechartStackFrame !== null && (\n
        <ContextMenu\n
        item\n
        onClick={() =>\n
copy(\n
        `line ${flamechartStackFrame.locationLine}?\n
        `,\n
        column\n
        ${flamechartStackFrame.locationColumn}?\n
        `,\n
        )\n
        )}\n
        title=\"Copy location\">\n
        Copy location\n
        </ContextMenu\n
        item>\n
        )}\n
        </Fragment>\n
      );\n
    }}\n
  </ContextMenu>\n
  {!isContextMenuShown &&\n
!surfaceRef.current.hasActiveView() && (\n
    <EventTooltip\n
    canvasRef={canvasRef}\n
data={data}\n
height={height}\n
hoveredEvent={hoveredEvent}\n
origin={mouseLocation}\n
width={width}\n
/>\n
  )}\n
</Fragment>\n
);)\n\n
export default CanvasPage;\n\n
"/**\n
 * Copyright (c)\n
Facebook, Inc. and its affiliates.\n
 * This source code is licensed under the MIT license found in the\n
 * LICENSE file in the root directory of this source tree.\n
 */\n\n
 * An error thrown when an\n
invalid profile could not be processed.\n
 */\n\n
export default class InvalidProfileError extends Error {\n\n
"/**\n
 * Copyright (c) Facebook, Inc. and its affiliates.\n
 * This source code is licensed under the MIT license found in\n
the\n
 * LICENSE file in the root directory of this source tree.\n
 */\n\n
 * @flow\n
 */\n\n
import {\n
TimelineEvent,\n
Flamechart as SpeedscopeFlamechart,\n
} from '@elg/speedscope';\n\n
import type\n
{TimelineEvent} from '@elg/speedscope';\n\n
import type {\n
ErrorStackFrame,\n
BatchUID,\n
Flamechart,\n
Milliseconds,\n
NativeEvent,\n
NetworkMeasure,\n
Phase,\n
ReactLane,\n
ReactComponentMeasure,\n

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ReactComponentMeasureType,\n ReactMeasure,\n ReactMeasureType,\n ReactProfilerData,\n
SchedulingEvent,\n SuspenseEvent,\n } from './types';\nimport { \n REACT_TOTAL_NUM_LANES,\n
SCHEDULING_PROFILER_VERSION,\n SNAPSHOT_MAX_HEIGHT,\n } from './constants';\nimport
InvalidProfileError from './InvalidProfileError';\nimport { getBatchRange } from './utils/getBatchRange';\nimport
ErrorStackParser from 'error-stack-parser';\n\ntype MeasureStackElement = {\n type: ReactMeasureType,\n depth:
number,\n measure: ReactMeasure,\n startTime: Milliseconds,\n stopTime?: Milliseconds,\n};\n\ntype
ProcessorState = {\n asyncProcessingPromises: Promise<any>[],\n batchUID: BatchUID,\n
currentReactComponentMeasure: ReactComponentMeasure | null,\n internalModuleCurrentStackFrame:
ErrorStackFrame | null,\n internalModuleStackStringSet: Set<string>,\n measureStack: MeasureStackElement[],\n
nativeEventStack: NativeEvent[],\n nextRenderShouldGenerateNewBatchID: boolean,\n potentialLongEvents:
Array<[NativeEvent, BatchUID]>,\n potentialLongNestedUpdate: SchedulingEvent | null,\n
potentialLongNestedUpdates: Array<[SchedulingEvent, BatchUID]>,\n
potentialSuspenseEventsOutsideOfTransition: Array<\n [SuspenseEvent, ReactLane[]],\n >,\n
requestIdToNetworkMeasureMap: Map<string, NetworkMeasure>,\n uidCounter: BatchUID,\n
unresolvedSuspenseEvents: Map<string, SuspenseEvent>,\n};\n\nconst
NATIVE_EVENT_DURATION_THRESHOLD = 20;\nconst NESTED_UPDATE_DURATION_THRESHOLD =
20;\nconst WARNING_STRINGS = {\n LONG_EVENT_HANDLER:\n 'An event handler scheduled a big
update with React. Consider using the Transition API to defer some of this work.',\n
NESTED_UPDATE:\n 'A big nested update was scheduled during layout. ' +\n 'Nested updates require React to re-render synchronously
before the browser can paint. ' +\n 'Consider delaying this update by moving it to a passive effect (useEffect).',\n
SUSPEND_DURING_UPDATE:\n 'A component suspended during an update which caused a fallback to be
shown. ' +\n 'Consider using the Transition API to avoid hiding components after they've been
mounted.',\n};\n\n// Exported for tests\nexport function getLanesFromTransportDecimalBitmask(\n
laneBitmaskString: string,\n): ReactLane[] {\n const laneBitmask = parseInt(laneBitmaskString, 10);\n\n // As
negative numbers are stored in two's complement format, our bitmask\n // checks will be thrown off by them.\n if
(laneBitmask < 0) {\n return [];\n }\n\n const lanes = [];\n let powersOfTwo = 0;\n while (powersOfTwo <=
REACT_TOTAL_NUM_LANES) {\n if ((1 << powersOfTwo) & laneBitmask) {\n
lanes.push(powersOfTwo);\n }\n powersOfTwo++;\n }\n return lanes;\n}\n\nfunction
updateLaneToLabelMap(\n profilerData: ReactProfilerData,\n laneLabelTuplesString: string,\n): void {\n // These
marks appear multiple times in the data;\n // We only need to extract them once.\n if
(profilerData.laneToLabelMap.size === 0) {\n const laneLabelTuples = laneLabelTuplesString.split(',');\n for
(let laneIndex = 0; laneIndex < laneLabelTuples.length; laneIndex++) {\n // The numeric lane value (e.g. 64) isn't
important.\n // The profiler parses and stores the lane's position within the bitmap,\n // (e.g. lane 1 is index 0,
lane 16 is index 4).\n profilerData.laneToLabelMap.set(laneIndex, laneLabelTuples[laneIndex]);\n }\n}\n}\n\nlet profilerVersion = null;\n\nfunction getLastType(stack: $PropertyType<ProcessorState, 'measureStack'>)\n{\n if (stack.length > 0) {\n const {type} = stack[stack.length - 1];\n return type;\n }\n return
null;\n}\n\nfunction getDepth(stack: $PropertyType<ProcessorState, 'measureStack'>)\n{\n if (stack.length > 0) {\n
const {depth, type} = stack[stack.length - 1];\n return type === 'render-idle' ? depth : depth + 1;\n }\n return
0;\n}\n\nfunction markWorkStarted(\n type: ReactMeasureType,\n startTime: Milliseconds,\n lanes:
ReactLane[],\n currentProfilerData: ReactProfilerData,\n state: ProcessorState,\n) {\n const {batchUID,\n
measureStack} = state;\n const depth = getDepth(measureStack);\n const measure: ReactMeasure = {\n type,\n
batchUID,\n depth,\n lanes,\n timestamp: startTime,\n duration: 0,\n }; \n\n state.measureStack.push({depth, measure, startTime, type});\n\n // This array is pre-initialized when the batchUID
is generated.\n const measures = currentProfilerData.batchUIDToMeasuresMap.get(batchUID);\n if (measures !=
null) {\n measures.push(measure);\n } else {\n
currentProfilerData.batchUIDToMeasuresMap.set(state.batchUID, [measure]);\n }\n\n // This array is pre-
initialized before processing starts.\n lanes.forEach(lane => {\n
((currentProfilerData.laneToReactMeasureMap.get(\n lane,\n ): any): ReactMeasure[]).push(measure);\n

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});\n}\n\nfunction markWorkCompleted(\n  type: ReactMeasureType,\n  stopTime: Milliseconds,\n  currentProfilerData: ReactProfilerData,\n  stack: $PropertyType<ProcessorState, 'measureStack'>,\n) {\n  if\n  (stack.length === 0) {\n    console.error(\n      'Unexpected type \"%s\" completed at %sms while stack is empty.',\n      type,\n      stopTime,\n    );\n    // Ignore work \"completion\" user timing mark that doesn't complete anything\n  }\n  return;\n}\n\nconst last = stack[stack.length - 1];\nif (last.type !== type) {\n  console.error(\n    'Unexpected\n    type \"%s\" completed at %sms before \"%s\" completed.',\n    type,\n    stopTime,\n    last.type,\n  );\n}\n\nconst {measure, startTime} = stack.pop();\nif (!measure) {\n  console.error('Could not find matching measure for\n  type \"%s\".', type);\n}\n\n// $FlowFixMe This property should not be writable outside of this function.\nmeasure.duration = stopTime - startTime;\n}\n\nfunction throwIfIncomplete(\n  type: ReactMeasureType,\n  stack:\n  $PropertyType<ProcessorState, 'measureStack'>,\n) {\n  const lastIndex = stack.length - 1;\n  if (lastIndex >= 0) {\n    const last = stack[lastIndex];\n    if (last.stopTime === undefined && last.type === type) {\n      throw new\n      InvalidProfileError(\n        `Unexpected type \"${type}\" started before \"${last.type}\" completed.`,\n      );\n    }\n  }\n}\n\nfunction processEventDispatch(\n  event: TimelineEvent,\n  timestamp: Milliseconds,\n  profilerData:\n  ReactProfilerData,\n  state: ProcessorState,\n) {\n  const data = event.args.data;\n  const type = data.type;\n\n  if\n  (type.startsWith('react-')) {\n    const stackTrace = data.stackTrace;\n    if (stackTrace) {\n      const topFrame =\n      stackTrace[stackTrace.length - 1];\n      if (topFrame.url.includes('/react-dom.')) {\n        // Filter out fake React\n        events dispatched by invokeGuardedCallbackDev.\n        return;\n      }\n    }\n  }\n\n  // Reduce noise from events\n  like DOMActivate, load/unload, etc. which are usually not relevant\n  if (\n    type === 'blur' ||\n    type === 'click'\n    ||\n    type === 'input' ||\n    type.startsWith('focus') ||\n    type.startsWith('key') ||\n    type.startsWith('mouse') ||\n    type.startsWith('pointer')\n  ) {\n    const duration = event.dur / 1000;\n\n    let depth = 0;\n\n    while\n    (state.nativeEventStack.length > 0) {\n      const prevNativeEvent =\n      state.nativeEventStack[state.nativeEventStack.length - 1];\n      const prevStopTime = prevNativeEvent.timestamp +\n      prevNativeEvent.duration;\n\n      if (timestamp < prevStopTime) {\n        depth = prevNativeEvent.depth + 1;\n        break;\n      } else {\n        state.nativeEventStack.pop();\n      }\n    }\n\n    const nativeEvent = {\n      depth,\n      duration,\n      timestamp,\n      type,\n      warning: null,\n    };\n\n    profilerData.nativeEvents.push(nativeEvent);\n    // Keep track of curent event in case future ones overlap.\n    // We separate them into different vertical lanes in this case.\n    state.nativeEventStack.push(nativeEvent);\n  }\n}\n\nfunction processResourceFinish(\n  event: TimelineEvent,\n  timestamp: Milliseconds,\n  profilerData:\n  ReactProfilerData,\n  state: ProcessorState,\n) {\n  const requestId = event.args.data.requestId;\n  const\n  networkMeasure = state.requestIdToNetworkMeasureMap.get(requestId);\n  if (networkMeasure !== null) {\n    networkMeasure.finishTimestamp = timestamp;\n    if (networkMeasure.firstReceivedDataTimestamp === 0) {\n      networkMeasure.firstReceivedDataTimestamp = timestamp;\n    }\n    if\n    (networkMeasure.lastReceivedDataTimestamp === 0) {\n      networkMeasure.lastReceivedDataTimestamp =\n      timestamp;\n    }\n  }\n\n  // Clean up now that the resource is done.\n  state.requestIdToNetworkMeasureMap.delete(event.args.data.requestId);\n}\n\nfunction\n  processResourceReceivedData(\n  event: TimelineEvent,\n  timestamp: Milliseconds,\n  profilerData:\n  ReactProfilerData,\n  state: ProcessorState,\n) {\n  const requestId = event.args.data.requestId;\n  const\n  networkMeasure = state.requestIdToNetworkMeasureMap.get(requestId);\n  if (networkMeasure !== null) {\n    if\n    (networkMeasure.firstReceivedDataTimestamp === 0) {\n      networkMeasure.firstReceivedDataTimestamp =\n      timestamp;\n    }\n    networkMeasure.lastReceivedDataTimestamp = timestamp;\n    networkMeasure.finishTimestamp = timestamp;\n  }\n}\n\nfunction processResourceReceiveResponse(\n  event:\n  TimelineEvent,\n  timestamp: Milliseconds,\n  profilerData: ReactProfilerData,\n  state: ProcessorState,\n) {\n  const\n  requestId = event.args.data.requestId;\n  const networkMeasure =\n  state.requestIdToNetworkMeasureMap.get(requestId);\n  if (networkMeasure !== null) {\n    networkMeasure.receiveResponseTimestamp = timestamp;\n  }\n}\n\nfunction processScreenshot(\n  event:\n  TimelineEvent,\n  timestamp: Milliseconds,\n  profilerData: ReactProfilerData,\n  state: ProcessorState,\n) {\n  const\n  encodedSnapshot = event.args.snapshot; // Base 64 encoded\n\n  const snapshot = {\n    height: 0,\n    image: null,\n    imageSource: `data:image/png;base64,${encodedSnapshot}`,\n    timestamp,\n    width: 0,\n  };\n\n  // Delay

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processing until we've extracted snapshot dimensions.\n let resolveFn = ((null: any): Function);\n
state.asyncProcessingPromises.push(\n new Promise(resolve => {\n resolveFn = resolve;\n })),\n);\n\n //
Parse the Base64 image data to determine native size.\n // This will be used later to scale for display within the
thumbnail strip.\n fetch(snapshot.imageSource)\n .then(response => response.blob())\n .then(blob => {\n //
$FlowFixMe createImageBitmap\n createImageBitmap(blob).then(bitmap => {\n snapshot.height =
bitmap.height;\n snapshot.width = bitmap.width;\n\n resolveFn();\n }));\n});\n\n
profilerData.snapshots.push(snapshot);\n}\n\nfunction processResourceSendRequest(\n event: TimelineEvent,\n
timestamp: Milliseconds,\n profilerData: ReactProfilerData,\n state: ProcessorState,\n) {\n const data =
event.args.data;\n const requestId = data.requestId;\n\n const availableDepths = new Array(\n
state.requestIdToNetworkMeasureMap.size + 1,\n ).fill(true);\n\n
state.requestIdToNetworkMeasureMap.forEach(({ depth }) => {\n availableDepths[depth] = false;\n });\n\n let
depth = 0;\n for (let i = 0; i < availableDepths.length; i++) {\n if (availableDepths[i]) {\n depth = i;\n
break;\n }\n }\n\n const networkMeasure: NetworkMeasure = {\n depth,\n finishTimestamp: 0,\n
firstReceivedDataTimestamp: 0,\n lastReceivedDataTimestamp: 0,\n requestId,\n requestMethod:\n
data.requestMethod,\n priority: data.priority,\n sendRequestTimestamp: timestamp,\n
receiveResponseTimestamp: 0,\n url: data.url,\n };;\n\n state.requestIdToNetworkMeasureMap.set(requestId,\n
networkMeasure);\n\n profilerData.networkMeasures.push(networkMeasure);\n\n
networkMeasure.sendRequestTimestamp = timestamp;\n}\n\nfunction processTimelineEvent(\n event:\n
TimelineEvent,\n /** Finalized profiler data up to `event`. May be mutated. */\n currentProfilerData:\n
ReactProfilerData,\n /** Intermediate processor state. May be mutated. */\n state: ProcessorState,\n) {\n const
{cat, name, ts, ph} = event;\n\n const startTime = (ts - currentProfilerData.startTime) / 1000;\n\n switch (cat) {\n
case 'disabled-by-default-devtools.screenshot':\n processScreenshot(event, startTime, currentProfilerData,\n
state);\n break;\n case 'devtools.timeline':\n switch (name) {\n case 'EventDispatch':\n
processEventDispatch(event, startTime, currentProfilerData, state);\n break;\n case 'ResourceFinish':\n
processResourceFinish(event, startTime, currentProfilerData, state);\n break;\n case\n
'ResourceReceivedData':\n processResourceReceivedData(\n event,\n startTime,\n
currentProfilerData,\n state,\n );\n break;\n case 'ResourceReceiveResponse':\n
processResourceReceiveResponse(\n event,\n startTime,\n currentProfilerData,\n state,\n
);\n break;\n case 'ResourceSendRequest':\n processResourceSendRequest(\n event,\n
startTime,\n currentProfilerData,\n state,\n );\n break;\n }\n break;\n case\n
'blink.user_timing':\n if (name.startsWith('--react-version-')) {\n const [reactVersion] =\n
name.substr(16).split('-');\n currentProfilerData.reactVersion = reactVersion;\n } else if (name.startsWith('--\n
profiler-version-')) {\n const [versionString] = name.substr(19).split('-');\n profilerVersion =\n
parseInt(versionString, 10);\n if (profilerVersion !== SCHEDULING_PROFILER_VERSION) {\n throw\n
new InvalidProfileError(\n `This version of profiling data (${versionString}) is not supported by the current\n
profiler.`,\n );\n }\n } else if (name.startsWith('--react-lane-labels-')) {\n const\n
[laneLabelTuplesString] = name.substr(20).split('-');\n updateLaneToLabelMap(currentProfilerData,\n
laneLabelTuplesString);\n } else if (name.startsWith('--component-')) {\n\n
processReactComponentMeasure(\n name,\n startTime,\n currentProfilerData,\n state,\n
);\n } else if (name.startsWith('--schedule-render-')) {\n const [laneBitmaskString] = name.substr(18).split('-\n
');\n\n currentProfilerData.schedulingEvents.push({\n type: 'schedule-render',\n lanes:\n
getLanesFromTransportDecimalBitmask(laneBitmaskString),\n timestamp: startTime,\n warning: null,\n\n
});\n } else if (name.startsWith('--schedule-forced-update-')) {\n const [laneBitmaskString,\n
componentName] = name.substr(25).split('-');\n\n const forceUpdateEvent = {\n type: 'schedule-force-\n
update',\n lanes: getLanesFromTransportDecimalBitmask(laneBitmaskString),\n componentName,\n\n
timestamp: startTime,\n warning: null,\n };;\n\n // If this is a nested update, make a note of it.\n\n //\n
Once we're done processing events, we'll check to see if it was a long update and warn about it.\n if\n
(state.measureStack.find(({ type }) => type === 'commit')) {\n state.potentialLongNestedUpdate =

```

```

forceUpdateEvent;\n    }\n\n    currentProfilerData.schedulingEvents.push(forceUpdateEvent);\n    } else if
(name.startsWith('--schedule-state-update-')) {\n    const [laneBitmaskString, componentName] =
name.substr(24).split('-');\n\n    const stateUpdateEvent = {\n        type: 'schedule-state-update',\n        lanes:
getLanesFromTransportDecimalBitmask(laneBitmaskString),\n        componentName,\n        timestamp:
startTime,\n        warning: null,\n    }; \n\n    // If this is a nested update, make a note of it.\n    // Once we're
done processing events, we'll check to see if it was a long update and warn about it.\n    if
(state.measureStack.find(({type}) => type === 'commit')) {\n        state.potentialLongNestedUpdate =
stateUpdateEvent;\n    }\n\n    currentProfilerData.schedulingEvents.push(stateUpdateEvent);\n    } else if
(name.startsWith('--error-')) {\n    const [componentName, phase, message] = name.substr(8).split('-');\n\n
currentProfilerData.thrownErrors.push({\n        componentName,\n        message,\n        phase: ((phase: any):
Phase),\n        timestamp: startTime,\n        type: 'thrown-error',\n    });\n    } // eslint-disable-line brace-
style\n\n    // React Events - suspense\n    else if (name.startsWith('--suspense-suspend-')) {\n    const [\n
id,\n        componentName,\n        phase,\n        laneBitmaskString,\n        promiseName,\n    ] =
name.substr(19).split('-');\n    const lanes = getLanesFromTransportDecimalBitmask(laneBitmaskString);\n\n
const availableDepths = new Array(\n        state.unresolvedSuspenseEvents.size + 1,\n    ).fill(true);\n
state.unresolvedSuspenseEvents.forEach(({depth}) => {\n        availableDepths[depth] = false;\n    });\n\n
let depth = 0;\n    for (let i = 0; i < availableDepths.length; i++) {\n        if (availableDepths[i]) {\n            depth =
i;\n            break;\n        }\n    }\n\n    // TODO (timeline) Maybe we should calculate depth in post,\n    // so
unresolved Suspense requests don't take up space.\n    // We can't know if they'll be resolved or not at this point.\n
    // We'll just give them a default (fake) duration width.\n    const suspenseEvent = {\n
componentName,\n        depth,\n        duration: null,\n        id,\n        phase: ((phase: any): Phase),\n
promiseName: promiseName || null,\n        resolution: 'unresolved',\n        resuspendTimestamps: null,\n
timestamp: startTime,\n        type: 'suspense',\n        warning: null,\n    }; \n\n    if (phase === 'update') {\n
    // If a component suspended during an update, we should verify that it was during a transition.\n    // We need
the lane metadata to verify this though.\n    // Since that data is only logged during commit, we may not have it
yet.\n    // Store these events for post-processing then.\n
state.potentialSuspenseEventsOutsideOfTransition.push([\n        suspenseEvent,\n        lanes,\n    ]);\n
}\n\n    currentProfilerData.suspenseEvents.push(suspenseEvent);\n    state.unresolvedSuspenseEvents.set(id,
suspenseEvent);\n    } else if (name.startsWith('--suspense-resuspend-')) {\n    const [id] =
name.substr(21).split('-');\n    const suspenseEvent = state.unresolvedSuspenseEvents.get(id);\n    if
(suspenseEvent !== null) {\n        if (suspenseEvent.resuspendTimestamps === null) {\n
suspenseEvent.resuspendTimestamps = [startTime];\n        } else {\n
suspenseEvent.resuspendTimestamps.push(startTime);\n        }\n    }\n    } else if (name.startsWith('--suspense-
resolved-')) {\n    const [id] = name.substr(20).split('-');\n    const suspenseEvent =
state.unresolvedSuspenseEvents.get(id);\n    if (suspenseEvent !== null) {\n
state.unresolvedSuspenseEvents.delete(id);\n        suspenseEvent.duration = startTime -
suspenseEvent.timestamp;\n        suspenseEvent.resolution = 'resolved';\n    }\n    } else if (name.startsWith('--
suspense-rejected-')) {\n    const [id] = name.substr(20).split('-');\n    const suspenseEvent =
state.unresolvedSuspenseEvents.get(id);\n    if (suspenseEvent !== null) {\n
state.unresolvedSuspenseEvents.delete(id);\n        suspenseEvent.duration = startTime -
suspenseEvent.timestamp;\n        suspenseEvent.resolution = 'rejected';\n    }\n    } // eslint-disable-line brace-
style\n\n    // React Measures - render\n    else if (name.startsWith('--render-start-')) {\n    if
(state.nextRenderShouldGenerateNewBatchID) {\n        state.nextRenderShouldGenerateNewBatchID = false;\n
state.batchUID = ((state.uidCounter++: any): BatchUID);\n    }\n\n    // If this render is the result of a nested
update, make a note of it.\n    // Once we're done processing events, we'll check to see if it was a long update and
warn about it.\n    if (state.potentialLongNestedUpdate !== null) {\n
state.potentialLongNestedUpdates.push([\n        state.potentialLongNestedUpdate,\n        state.batchUID,\n
]);\n        state.potentialLongNestedUpdate = null;\n    }\n\n    const [laneBitmaskString] =

```

```

name.substr(15).split('-');\n\n    throwIfIncomplete('render', state.measureStack);\n    if
(getLastType(state.measureStack) !== 'render-idle') {\n    markWorkStarted(\n    'render-idle',\n
startTime,\n    getLanesFromTransportDecimalBitmask(laneBitmaskString),\n    currentProfilerData,\n
state,\n    );\n    }\n    markWorkStarted(\n    'render',\n    startTime,\n
getLanesFromTransportDecimalBitmask(laneBitmaskString),\n    currentProfilerData,\n    state,\n
);\n\n    for (let i = 0; i < state.nativeEventStack.length; i++) {\n    const nativeEvent = state.nativeEventStack[i];\n
const stopTime = nativeEvent.timestamp + nativeEvent.duration;\n\n    // If React work was scheduled during
an event handler, and the event had a long duration,\n    // it might be because the React render was long and
stretched the event.\n    // It might also be that the React work was short and that something else stretched the
event.\n    // Make a note of this event for now and we'll examine the batch of React render work later.\n    //
(We can't know until we're done processing the React update anyway.)\n    if (stopTime > startTime) {\n
state.potentialLongEvents.push([nativeEvent, state.batchUID]);\n    }\n    } else if (\n
name.startsWith('--render-stop') ||\n    name.startsWith('--render-yield')\n    ) {\n    markWorkCompleted(\n
'render',\n    startTime,\n    currentProfilerData,\n    state.measureStack,\n
);\n    } else if
(name.startsWith('--render-cancel')) {\n    state.nextRenderShouldGenerateNewBatchID = true;\n
markWorkCompleted(\n    'render',\n    startTime,\n    currentProfilerData,\n    state.measureStack,\n
);\n    markWorkCompleted(\n    'render-idle',\n    startTime,\n    currentProfilerData,\n
state.measureStack,\n    );\n    } // eslint-disable-line brace-style\n\n    // React Measures - commits\n    else if
(name.startsWith('--commit-start-')) {\n    state.nextRenderShouldGenerateNewBatchID = true;\n    const
[laneBitmaskString] = name.substr(15).split('-');\n\n    markWorkStarted(\n    'commit',\n    startTime,\n
getLanesFromTransportDecimalBitmask(laneBitmaskString),\n    currentProfilerData,\n    state,\n
);\n    } else if (name.startsWith('--commit-stop')) {\n    markWorkCompleted(\n    'commit',\n    startTime,\n
currentProfilerData,\n    state.measureStack,\n    );\n    markWorkCompleted(\n    'render-idle',\n
startTime,\n    currentProfilerData,\n    state.measureStack,\n    );\n    } // eslint-disable-line brace-
style\n\n    // React Measures - layout effects\n    else if (name.startsWith('--layout-effects-start-')) {\n    const
[laneBitmaskString] = name.substr(23).split('-');\n\n    markWorkStarted(\n    'layout-effects',\n    startTime,\n
getLanesFromTransportDecimalBitmask(laneBitmaskString),\n    currentProfilerData,\n    state,\n
);\n    } else if (name.startsWith('--layout-effects-stop')) {\n    markWorkCompleted(\n    'layout-
effects',\n    startTime,\n    currentProfilerData,\n    state.measureStack,\n
);\n    } // eslint-disable-
line brace-style\n\n    // React Measures - passive effects\n    else if (name.startsWith('--passive-effects-start-')) {\n
const [laneBitmaskString] = name.substr(24).split('-');\n\n    markWorkStarted(\n    'passive-effects',\n    startTime,\n
getLanesFromTransportDecimalBitmask(laneBitmaskString),\n    currentProfilerData,\n    state,\n
);\n    } else if (name.startsWith('--passive-effects-stop')) {\n    markWorkCompleted(\n
'passive-effects',\n    startTime,\n    currentProfilerData,\n    state.measureStack,\n
);\n    } // eslint-
disable-line brace-style\n\n    // Internal module ranges\n    else if (name.startsWith('--react-internal-module-start-
')) {\n    const stackFrameStart = name.substr(30);\n\n    if
(!state.internalModuleStackStringSet.has(stackFrameStart)) {\n
state.internalModuleStackStringSet.add(stackFrameStart);\n\n    const parsedStackFrameStart =
parseStackFrame(stackFrameStart);\n\n    state.internalModuleCurrentStackFrame = parsedStackFrameStart;\n
}\n    } else if (name.startsWith('--react-internal-module-stop-')) {\n    const stackFrameStop =
name.substr(19);\n\n    if (!state.internalModuleStackStringSet.has(stackFrameStop)) {\n
state.internalModuleStackStringSet.add(stackFrameStop);\n\n    const parsedStackFrameStop =
parseStackFrame(stackFrameStop);\n\n    if (\n    parsedStackFrameStop !== null &&\n
state.internalModuleCurrentStackFrame !== null\n    ) {\n    const parsedStackFrameStart =
state.internalModuleCurrentStackFrame;\n\n    state.internalModuleCurrentStackFrame = null;\n\n    const
range = [parsedStackFrameStart, parsedStackFrameStop];\n\n    const ranges =
currentProfilerData.internalModuleSourceToRanges.get(\n    parsedStackFrameStart.fileName,\n
);\n\n    if (ranges === null) {\n    currentProfilerData.internalModuleSourceToRanges.set(\n

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parsedStackFrameStart.fileName,\n          [range],\n          );\n        } else {\n          ranges.push(range);\n        }\n      }\n    } // eslint-disable-line brace-style\n\n    // Other user timing marks/measures\n    else if (ph === 'R' || ph === 'n') {\n      // User Timing mark\n      currentProfilerData.otherUserTimingMarks.push({\n        name,\n        timestamp: startTime,\n      });\n    } else if (ph === 'b') {\n      // TODO: Begin user timing measure\n    } else if (ph === 'e') {\n      // TODO: End user timing measure\n    } else if (ph === 'i' || ph === 'T') {\n      // Instant events.\n      // Note that the capital "I" is a deprecated value that exists in Chrome Canary traces.\n    } // eslint-disable-line brace-style\n\n    // Unrecognized event\n    else {\n      throw new InvalidProfileError(\n        `Unrecognized event ${JSON.stringify(event)}! This is likely a bug in this profiler tool.`,\n      );\n    }\n  }\n  break;\n}\n}\n\nfunction assertNoOverlappingComponentMeasure(state: ProcessorState) {\n  if (state.currentReactComponentMeasure !== null) {\n    console.error(`Component measure started while another measure in progress:`,\n      state.currentReactComponentMeasure,\n    );\n  }\n}\n\nfunction assertCurrentComponentMeasureType(\n  state: ProcessorState,\n  type: ReactComponentMeasureType,\n): void {\n  if (state.currentReactComponentMeasure === null) {\n    console.error(`Component measure type "${type}" stopped while no measure was in progress`,\n    );\n  } else if (state.currentReactComponentMeasure.type !== type) {\n    console.error(`Component measure type "${type}" stopped while type ${state.currentReactComponentMeasure.type} in progress`,\n    );\n  }\n}\n\nfunction processReactComponentMeasure(\n  name: string,\n  startTime: Milliseconds,\n  currentProfilerData: ReactProfilerData,\n  state: ProcessorState,\n): void {\n  if (name.startsWith('--component-render-start-')) {\n    const [componentName] = name.substr(25).split('-');\n\n    assertNoOverlappingComponentMeasure(state);\n\n    state.currentReactComponentMeasure = {\n      componentName,\n      timestamp: startTime,\n      duration: 0,\n      type: 'render',\n      warning: null,\n    }; \n  } else if (name === '--component-render-stop') {\n    assertCurrentComponentMeasureType(state, 'render');\n\n    if (state.currentReactComponentMeasure !== null) {\n      const componentMeasure = state.currentReactComponentMeasure;\n      componentMeasure.duration = startTime - componentMeasure.timestamp;\n\n      state.currentReactComponentMeasure = null;\n\n      currentProfilerData.componentMeasures.push(componentMeasure);\n    } \n  } else if (name.startsWith('--component-layout-effect-mount-start-')) {\n    const [componentName] = name.substr(38).split('-');\n\n    assertNoOverlappingComponentMeasure(state);\n\n    state.currentReactComponentMeasure = {\n      componentName,\n      timestamp: startTime,\n      duration: 0,\n      type: 'layout-effect-mount',\n      warning: null,\n    }; \n  } else if (name === '--component-layout-effect-mount-stop') {\n    assertCurrentComponentMeasureType(state, 'layout-effect-mount');\n\n    if (state.currentReactComponentMeasure !== null) {\n      const componentMeasure = state.currentReactComponentMeasure;\n      componentMeasure.duration = startTime - componentMeasure.timestamp;\n\n      state.currentReactComponentMeasure = null;\n\n      currentProfilerData.componentMeasures.push(componentMeasure);\n    } \n  } else if (name.startsWith('--component-layout-effect-unmount-start-')) {\n    const [componentName] = name.substr(40).split('-');\n\n    assertNoOverlappingComponentMeasure(state);\n\n    state.currentReactComponentMeasure = {\n      componentName,\n      timestamp: startTime,\n      duration: 0,\n      type: 'layout-effect-unmount',\n      warning: null,\n    }; \n  } else if (name === '--component-layout-effect-unmount-stop') {\n    assertCurrentComponentMeasureType(state, 'layout-effect-unmount');\n\n    if (state.currentReactComponentMeasure !== null) {\n      const componentMeasure = state.currentReactComponentMeasure;\n      componentMeasure.duration = startTime - componentMeasure.timestamp;\n\n      state.currentReactComponentMeasure = null;\n\n      currentProfilerData.componentMeasures.push(componentMeasure);\n    } \n  } else if (name.startsWith('--component-passive-effect-mount-start-')) {\n    const [componentName] = name.substr(39).split('-');\n\n    assertNoOverlappingComponentMeasure(state);\n\n    state.currentReactComponentMeasure = {\n      componentName,\n      timestamp: startTime,\n      duration: 0,\n      type: 'passive-effect-mount',\n      warning: null,\n    }; \n  } else if (name === '--component-passive-effect-mount-stop') {\n

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assertCurrentComponentMeasureType(state, 'passive-effect-mount');\n\n if (state.currentReactComponentMeasure
!== null) {\n  const componentMeasure = state.currentReactComponentMeasure;\n
componentMeasure.duration = startTime - componentMeasure.timestamp;\n\n
state.currentReactComponentMeasure = null;\n\n
currentProfilerData.componentMeasures.push(componentMeasure);\n  }\n } else if (name.startsWith('--
component-passive-effect-unmount-start-')) {\n  const [componentName] = name.substr(41).split('-');\n\n
assertNoOverlappingComponentMeasure(state);\n\n state.currentReactComponentMeasure = {\n
componentName,\n  timestamp: startTime,\n  duration: 0,\n  type: 'passive-effect-unmount',\n  warning:
null,\n  };\n } else if (name === '--component-passive-effect-unmount-stop') {\n
assertCurrentComponentMeasureType(state, 'passive-effect-unmount');\n\n if
(state.currentReactComponentMeasure !== null) {\n  const componentMeasure =
state.currentReactComponentMeasure;\n  componentMeasure.duration = startTime -
componentMeasure.timestamp;\n\n state.currentReactComponentMeasure = null;\n\n
currentProfilerData.componentMeasures.push(componentMeasure);\n  }\n }\n\nfunction
preprocessFlamechart(rawData: TimelineEvent[]): Flamechart {\n let parsedData;\n try {\n  parsedData =
importFromChromeTimeline(rawData, 'react-devtools');\n } catch (error) {\n // Assume any Speedscope errors are
caused by bad profiles\n  const errorToRethrow = new InvalidProfileError(error.message);\n
errorToRethrow.stack = error.stack;\n  throw errorToRethrow;\n }\n\n const profile = parsedData.profiles[0]; //
TODO: Choose the main CPU thread only\n\n const speedscopeFlamechart = new SpeedscopeFlamechart({\n
getTotalWeight: profile.getTotalWeight.bind(profile),\n  forEachCall: profile.forEachCall.bind(profile),\n
formatValue: profile.formatValue.bind(profile),\n  getColorBucketForFrame: () => 0,\n });\n\n const flamechart:
Flamechart = speedscopeFlamechart.getLayers().map(layer =>{\n  layer.map(({start, end, node: {frame: {name, file,
line, col}}}) => ({\n  name,\n  timestamp: start / 1000,\n  duration: (end - start) / 1000,\n  scriptUrl: file,\n
locationLine: line,\n  locationColumn: col,\n  })),\n });\n\n return flamechart;\n }\n\nfunction
parseStackFrame(stackFrame: string): ErrorStackFrame | null {\n const error = new Error();\n error.stack =
stackFrame;\n\n const frames = ErrorStackParser.parse(error);\n\n return frames.length === 1 ? frames[0] :
null;\n }\n\nexport default async function preprocessData(\n timeline: TimelineEvent[],\n):
Promise<ReactProfilerData> {\n const flamechart = preprocessFlamechart(timeline);\n\n const
laneToReactMeasureMap = new Map();\n for (let lane: ReactLane = 0; lane < REACT_TOTAL_NUM_LANES;
lane++) {\n  laneToReactMeasureMap.set(lane, []);\n }\n\n const profilerData: ReactProfilerData = {\n
batchUIDToMeasuresMap: new Map(),\n  componentMeasures: [],\n  duration: 0,\n  flamechart,\n
internalModuleSourceToRanges: new Map(),\n  laneToLabelMap: new Map(),\n  laneToReactMeasureMap,\n
nativeEvents: [],\n  networkMeasures: [],\n  otherUserTimingMarks: [],\n  reactVersion: null,\n
schedulingEvents: [],\n  snapshots: [],\n  snapshotHeight: 0,\n  startTime: 0,\n  suspenseEvents: [],\n
thrownErrors: [],\n  };\n\n // Sort `timeline`. JSON Array Format trace events need not be ordered. See:\n //
https://docs.google.com/document/d/1CvAClvFfyA5R-PhYUmn5OOQtYMH4h6I0nSsKchNAySU/preview#heading=h.f2f0yd51wi15\n timeline =
timeline.filter(Boolean).sort((a, b) => (a.ts > b.ts ? 1 : -1));\n\n // Events displayed in flamechart have timestamps
relative to the profile\n // event's startTime. Source:
https://github.com/v8/v8/blob/44bd8fd7/src/inspector/js\_protocol.json#L1486\n //\n // We'll thus expect there to be
a 'Profile' event; if there is not one, we\n // can deduce that there are no flame chart events. As we expect React\n //
scheduling profiling user timing marks to be recorded together with browser\n // flame chart events, we can further
deduce that the data is invalid and we\n // don't bother finding React events.\n const indexOfProfileEvent =
timeline.findIndex(\n  event => event.name === 'Profile',\n );\n if (indexOfProfileEvent === -1) {\n return
profilerData;\n }\n\n // Use Profile event's `startTime` as the start time to align with flame chart.\n // TODO:
Remove assumption that there'll only be 1 'Profile' event. If this\n // assumption does not hold, the chart may start at
the wrong time.\n profilerData.startTime = timeline[indexOfProfileEvent].args.data.startTime;\n
profilerData.duration = (\n (timeline[timeline.length - 1].ts - profilerData.startTime) / 1000;\n\n const state:

```



```

ProcessorState = {
  asyncProcessingPromises: [],
  batchUID: 0,
  currentReactComponentMeasure: null,
  internalModuleCurrentStackFrame: null,
  internalModuleStackStringSet: new Set(),
  measureStack: [],
  nativeEventStack: [],
  nextRenderShouldGenerateNewBatchID: true,
  potentialLongEvents: [],
  potentialLongNestedUpdate: null,
  potentialLongNestedUpdates: [],
  potentialSuspenseEventsOutsideOfTransition: [],
  requestIdToNetworkMeasureMap: new Map(),
  uidCounter: 0,
  unresolvedSuspenseEvents: new Map()
};

if (profilerVersion === null) {
  if (profilerData.schedulingEvents.length === 0 && profilerData.batchUIDToMeasuresMap.size === 0) {
    // No profiler version could indicate data was logged using an older build of React, before an explicitly profiler version was included in the logging data.
    // But it could also indicate that the website was either not using React, or using a production build.
    // The easiest way to check for this case is to see if the data contains any scheduled updates or render work.
    throw new InvalidProfileError('No React marks were found in the provided profile. Please provide profiling data from a React application running in development or profiling mode.');
```

```

preprocessData(events);
    return {
      status: 'SUCCESS',
      processedData,
    };
  } catch (error) {
    if (error instanceof InvalidProfileError) {
      return {
        status: 'INVALID_PROFILE_ERROR',
        error,
      };
    } else {
      return {
        status: 'UNEXPECTED_ERROR',
        error,
      };
    }
  }
}
}

/**
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 * LICENSE file in the root directory of this source tree.
 */
@flow
import nullthrows from 'nullthrows';
import InvalidProfileError from './InvalidProfileError';
export const readInputData = (file: File):
Promise<string> => {
  if (!file.name.endsWith('.json')) {
    throw new InvalidProfileError(
      'Invalid file type. Only JSON performance profiles are supported',
    );
  }
  const fileReader = new FileReader();
  return new Promise((resolve, reject) => {
    fileReader.onload = () => {
      const result =
nullthrows(fileReader.result);
      if (typeof result === 'string') {
        resolve(result);
      }
      reject(new
InvalidProfileError('Input file was not read as a string'));
    };
    fileReader.onerror = () =>
reject(fileReader.error);
    fileReader.readAsText(file);
  });
}
}

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 * LICENSE file in the root
directory of this source tree.
 */
@flow
// This file uses workerize to load ./importFile.worker as a
webworker and instantiates it, exposing flow typed functions that can be used on other files.
import * as
importFileModule from './importFile';
import WorkerizedImportFile from './importFile.worker';
import type
{ReactProfilerData} from './types';
type ImportFileModule = typeof importFileModule;
const
workerizedImportFile: ImportFileModule = window.Worker ? WorkerizedImportFile() :
importFileModule;
export type ImportWorkerOutputData = {
  status: 'SUCCESS',
  processedData:
ReactProfilerData,
} | {
  status: 'INVALID_PROFILE_ERROR',
  error: Error,
} | {
  status:
'UNEXPECTED_ERROR',
  error: Error,
};
export type importFileFunction = (file: File) =>
ImportWorkerOutputData;
export const importFile = (file: File) =>
workerizedImportFile.importFile(file);
}

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 * LICENSE file in the root directory of this source
tree.
 */
@flow
import type {Wakeable} from 'shared/ReactTypes';
import type {ReactProfilerData}
from './types';
import {importFile as importFileWorker} from './import-worker';
const Pending = 0;
const
Resolved = 1;
const Rejected = 2;
type PendingRecord = {
  status: 0,
  value: Wakeable,
};
type
ResolvedRecord<T> = {
  status: 1,
  value: T,
};
type RejectedRecord = {
  status: 2,
  value:
Error,
};
type Record<T> = PendingRecord | ResolvedRecord<T> | RejectedRecord;
// This is intentionally
a module-level Map, rather than a React-managed one.
// Otherwise, refreshing the inspected element cache would
also clear this cache.
// Profiler file contents are static anyway.
const fileNameToProfilerDataMap: Map<
string,
Record<ReactProfilerData>,
> = new Map();
function readRecord<T>(record: Record<T>):
ResolvedRecord<T> | RejectedRecord {
  if (record.status === Resolved) {
    // This is just a type refinement.
    return record;
  } else if (record.status === Rejected) {
    // This is just a type refinement.
    return record;
  }
  else {
    throw record.value;
  }
}
export function importFile(file: File): ReactProfilerData | Error {
  const
fileName = file.name;
  let record = fileNameToProfilerDataMap.get(fileName);
  if (!record) {
    const
callbacks = new Set();
    const wakeable: Wakeable = {
      then(callback) {
        callbacks.add(callback);
      },
      // Optional property used by Timeline:
      displayName: `Importing file \`${fileName}\``,
    };
    const wake = () => {
      // This assumes they won't throw.
      callbacks.forEach(callback => callback());
      callbacks.clear();
    };
    const newRecord: Record<ReactProfilerData> = (record = {
      status: Pending,
      value: wakeable,
    });
    importFileWorker(file).then(data => {
      switch (data.status) {
        case
'SUCCESS':
          const resolvedRecord = ((newRecord: any): ResolvedRecord<ReactProfilerData>);
          resolvedRecord.status = Resolved;
          resolvedRecord.value = data.processedData;
          break;
        case
'INVALID_PROFILE_ERROR':
        case 'UNEXPECTED_ERROR':
          const thrownRecord =
((newRecord: any): RejectedRecord);
          thrownRecord.status = Rejected;
          thrownRecord.value =
data.error;
          break;
      }
      wake();
    });
    fileNameToProfilerDataMap.set(fileName, record);
  }
  const response = readRecord(record).value;
  return response;
}

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root directory of this source tree.\n *\n * @flow\n *\n\nimport * as React from 'react';\nimport {useContext} from
'react';\nimport {createPortal} from 'react-dom';\nimport SearchInput from 'react-devtools-
shared/src/devtools/views/SearchInput';\nimport {TimelineContext} from './TimelineContext';\nimport
{TimelineSearchContext} from './TimelineSearchContext';\n\n\ntype Props = {};\n\nexport default function
TimelineSearchInput(props: Props) {\n  const {searchInputContainerRef} = useContext(TimelineContext);\n  const
{dispatch, searchIndex, searchResults, searchText} = useContext(\n    TimelineSearchContext,\n    );\n  if
(searchInputContainerRef.current === null) {\n    return null;\n  }\n  const search = text => dispatch({type:
'SET_SEARCH_TEXT', payload: text});\n  const goToNextResult = () => dispatch({type:
'GO_TO_NEXT_SEARCH_RESULT'});\n  const goToPreviousResult = () =>\n    dispatch({type:
'GO_TO_PREVIOUS_SEARCH_RESULT'});\n  return createPortal(\n    <SearchInput\n
goToNextResult={goToNextResult}\n    goToPreviousResult={goToPreviousResult}\n    placeholder="Search
components by name"\n    search={search}\n    searchIndex={searchIndex}\n
searchResultsCount={searchResults.length}\n    searchText={searchText}\n  />,\n
searchInputContainerRef.current,\n  );\n}, "**\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This
source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source
tree.\n *\n * @flow\n *\n\nimport type {ViewState} from './types';\nimport {isInternalFacebookBuild} from
'react-devtools-feature-flags';\nimport * as React from 'react';\nimport {\n  Suspense,\n  useContext,\n
useDeferredValue,\n  useLayoutEffect,\n  useRef,\n  useState,\n} from 'react';\nimport {SettingsContext} from
'react-devtools-shared/src/devtools/views/Settings/SettingsContext';\nimport {updateColorsToMatchTheme} from
'./content-views/constants';\nimport {TimelineContext} from './TimelineContext';\nimport ImportButton from
'./ImportButton';\nimport CanvasPage from './CanvasPage';\nimport {importFile} from './timelineCache';\nimport
TimelineSearchInput from './TimelineSearchInput';\nimport {TimelineSearchContextController} from
'./TimelineSearchContext';\n\nimport styles from './Timeline.css';\n\nexport function Timeline(_: {}) {\n  const
{file, setFile, viewState} = useContext(TimelineContext);\n  const ref = useRef(null);\n  // HACK: Canvas
rendering uses an imperative API,\n  // but DevTools colors are stored in CSS variables (see root.css and
SettingsContext).\n  // When the theme changes, we need to trigger update the imperative colors and re-draw the
Canvas.\n  const {theme} = useContext(SettingsContext);\n  // HACK: SettingsContext also uses a useLayoutEffect
to update styles;\n  // make sure the theme context in SettingsContext updates before this code.\n  const
deferredTheme = useDeferredValue(theme);\n  // HACK: Schedule a re-render of the Canvas once colors have been
updated.\n  // The easiest way to guarantee this happens is to recreate the inner Canvas component.\n  const [key,
setKey] = useState<string>(theme);\n  useLayoutEffect(() => {\n    const pollForTheme = () => {\n      if
(updateColorsToMatchTheme(((ref.current: any): HTMLDivElement))) {\n        clearInterval(intervalID);\n
setKey(deferredTheme);\n      }\n    };\n    const intervalID = setInterval(pollForTheme, 50);\n    return () => {\n
clearInterval(intervalID);\n    };,\n    [deferredTheme];\n  });\n  return (\n    <div className={styles.Content}
ref={ref}>\n      {file ? (\n        <Suspense fallback=<ProcessingData />>\n        <FileLoader\n
file={file}\n        key={key}\n        onFileSelect={setFile}\n        viewState={viewState}\n      />\n
</Suspense>\n    ) : (\n      <Welcome onFileSelect={setFile} />\n    )}\n    </div>\n  );\n}\n\nconst Welcome =
({onFileSelect}: {onFileSelect: (file: File) => void}) => (\n  <ol className={styles.WelcomeInstructionsList}>\n
{isInternalFacebookBuild && (\n    <li className={styles.WelcomeInstructionsListItem}>\n      Enable the\n
<a\n        className={styles.WelcomeInstructionsListItemLink}\n        href="https://fburl.com/react-devtools-
scheduling-profiler-gk"\n        rel="noopener noreferrer"\n        target="_blank">\n
<code>react_enable_scheduling_profiler</code> GK\n      </a>\n      .\n    </li>\n  )}\n  <li
className={styles.WelcomeInstructionsListItem}>\n    Open a website that's built with the\n  <a\n
className={styles.WelcomeInstructionsListItemLink}\n    href="https://reactjs.org/link/profiling"\n
rel="noopener noreferrer"\n    target="_blank">\n    profiling build of ReactDOM\n  </a>\n  (version 18
or newer).\n  </li>\n  <li className={styles.WelcomeInstructionsListItem}>\n    Open the "Performance"\n
tab in Chrome and record some performance data.\n  </li>\n  <li
className={styles.WelcomeInstructionsListItem}>\n    Click the "Save profile..." button in Chrome to export the

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data.\n </li>\n <li className={styles.WelcomeInstructionsListItem}>\n    Import the data into the profiler:\n    <br />\n    <ImportButton onFileSelect={onFileSelect}>\n        <span\n        className={styles.ImportButtonLabel}>Import</span>\n    </ImportButton>\n </li>\n </ol>\n);\n\nconst\nProcessingData = () => (\n <div className={styles.EmptyStateContainer}>\n <div\n className={styles.Header}>Processing data...</div>\n <div className={styles.Row}>This should only take a\n minute.</div>\n </div>\n);\n\nconst CouldNotLoadProfile = ({error, onFileSelect}) => (\n <div\n className={styles.EmptyStateContainer}>\n <div className={styles.Header}>Could not load profile</div>\n {error.message && (\n <div className={styles.Row}>\n <div\n className={styles.ErrorMessage}>{error.message}</div>\n </div>\n )}\n <div\n className={styles.Row}>\n Try importing\n <ImportButton onFileSelect={onFileSelect} />\n another\n Chrome performance profile.\n </div>\n </div>\n);\n\nconst FileLoader = ({\n file,\n onFileSelect,\n\n viewState,\n}: {\n file: File | null,\n onFileSelect: (file: File) => void,\n viewState: ViewState,\n}) => {\n if (file\n === null) {\n return null;\n }\n\n const dataOrError = importFile(file);\n if (dataOrError instanceof Error) {\n return (\n <CouldNotLoadProfile error={dataOrError} onFileSelect={onFileSelect} />\n );\n }\n\n return (\n <TimelineSearchContextController\n profilerData={dataOrError}\n viewState={viewState}>\n <TimelineSearchInput />\n <CanvasPage profilerData={dataOrError} viewState={viewState} />\n </TimelineSearchContextController>\n );\n};\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source\n tree.\n *\n * @flow\n */\n\nimport * as React from 'react';\nimport {useContext} from 'react';\nimport Button from\n './Button';\nimport ButtonIcon from './ButtonIcon';\nimport {ProfilerContext} from './ProfilerContext';\n\nimport\n styles from './RecordToggle.css';\n\nexport type Props = {\n disabled?: boolean,\n};\n\nexport default function\n RecordToggle({disabled}: Props) {\n const {isProfiling, startProfiling, stopProfiling} = useContext(\n ProfilerContext,\n );\n\n let className = styles.InactiveRecordToggle;\n if (disabled) {\n className =\n styles.DisabledRecordToggle;\n } else if (isProfiling) {\n className = styles.ActiveRecordToggle;\n }\n\n return (\n <Button\n className={className}\n disabled={disabled}\n onClick={isProfiling ?\n stopProfiling : startProfiling}\n testName="ProfilerToggleButton"\n title={isProfiling ? 'Stop profiling' :\n 'Start profiling'}>\n <ButtonIcon type="record" />\n </Button>\n );\n};\n\n"/**\n * Copyright (c) Facebook,\n Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in\n the root directory of this source tree.\n *\n * @flow\n */\n\nimport * as React from 'react';\nimport {useCallback,\n useContext, useMemo} from 'react';\nimport Button from './Button';\nimport ButtonIcon from\n './ButtonIcon';\nimport {BridgeContext, StoreContext} from './context';\nimport {useSubscription} from\n './hooks';\n\nexport type SubscriptionData = {\n recordChangeDescriptions: boolean,\n supportsReloadAndProfile:\n boolean,\n};\n\nexport default function ReloadAndProfileButton({\n disabled,\n}: {\n disabled: boolean,\n}) {\n const bridge = useContext(BridgeContext);\n const store = useContext(StoreContext);\n\n const subscription =\n useMemo(\n () => ({\n getCurrentValue: () => ({\n recordChangeDescriptions:\n store.recordChangeDescriptions,\n\n supportsReloadAndProfile: store.supportsReloadAndProfile,\n\n })),\n\n subscribe: (callback: Function) => {\n store.addListener('recordChangeDescriptions', callback);\n\n store.addListener('supportsReloadAndProfile', callback);\n\n return () => {\n store.removeListener('recordChangeDescriptions', callback);\n\n store.removeListener('supportsReloadAndProfile', callback);\n\n };\n\n },\n\n ),\n [store],\n );\n\n const {\n recordChangeDescriptions,\n\n supportsReloadAndProfile,\n } =\n useSubscription<SubscriptionData>(subscription);\n\n const reloadAndProfile = useCallback(() => {\n // TODO\n If we want to support reload-and-profile for e.g. React Native,\n // we might need to also start profiling here before\n reloading the app (since DevTools itself isn't reloaded).\n // We'd probably want to do this before reloading\n though, to avoid sending a message on a disconnected port in the browser.\n // For now, let's just skip doing it\n entirely to avoid paying snapshot costs for data we don't need.\n // startProfiling();\n\n bridge.send('reloadAndProfile', recordChangeDescriptions);\n }, [bridge, recordChangeDescriptions]);\n\n if\n (!supportsReloadAndProfile) {\n return null;\n }\n\n return (\n <Button\n disabled={disabled}\n

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onClick={reloadAndProfile}\n    title="\Reload and start profiling">\n    <ButtonIcon type="\reload" />\n
</Button>\n );\n}\n", "/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed
under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n
*/\n\nimport * as React from 'react';\nimport {Fragment, useContext, useCallback, useRef} from 'react';\nimport
{ProfilerContext} from './ProfilerContext';\nimport {ModalDialogContext} from './ModalDialog';\nimport Button
from './Button';\nimport ButtonIcon from './ButtonIcon';\nimport {StoreContext} from './context';\nimport {\n
prepareProfilingDataExport,\n prepareProfilingDataFrontendFromExport,\n } from './utils';\nimport {downloadFile}
from './utils';\nimport {TimelineContext} from 'react-devtools-timeline/src/TimelineContext';\n\nimport styles from
 './ProfilingImportExportButtons.css';\n\nimport type {ProfilingDataExport} from './types';\n\nexport default function
ProfilingImportExportButtons() {\n  const {isProfiling, profilingData, rootID, selectedTabID} = useContext(\n
ProfilerContext,\n );\n  const {setFile} = useContext(TimelineContext);\n  const store =
useContext(StoreContext);\n  const {profilerStore} = store;\n\n  const inputRef = useRef<HTMLInputElement |
null>(null);\n  const downloadRef = useRef<HTMLAnchorElement | null>(null);\n\n  const {dispatch:
modalDialogDispatch} = useContext(ModalDialogContext);\n\n  const downloadData = useCallback(() => {\n  if
(rootID === null) {\n    return;\n  }\n\n  const anchorElement = downloadRef.current;\n\n  if (profilingData !==
null && anchorElement !== null) {\n    const profilingDataExport = prepareProfilingDataExport(profilingData);\n
    const date = new Date();\n    const dateString = date\n      .toLocaleDateString(undefined, {\n        year:
'numeric',\n        month: '2-digit',\n        day: '2-digit',\n      })\n      .replace(/\\/g, '-');\n    const timeString =
date\n      .toLocaleTimeString(undefined, {\n        hour12: false,\n      })\n      .replace(/:/g, '-');\n
downloadFile(\n      anchorElement,\n      `profiling-data.${dateString}.${timeString}.json`,\n
JSON.stringify(profilingDataExport, null, 2),\n      );\n    }, [rootID, profilingData]);\n\n  const
clickInputElement = useCallback(() => {\n  if (inputRef.current !== null) {\n    inputRef.current.click();\n  }\n
}, []);\n\n  const importProfilerData = useCallback(() => {\n  const input = inputRef.current;\n  if (input !== null
&& input.files.length > 0) {\n    const fileReader = new FileReader();\n    fileReader.addEventListener('load', ()
=> {\n      try {\n        const raw = ((fileReader.result: any): string);\n        const profilingDataExport =
((JSON.parse(\n          raw,\n        ): any): ProfilingDataExport);\n        profilerStore.profilingData =
prepareProfilingDataFrontendFromExport(\n          profilingDataExport,\n        );\n      } catch (error) {\n
modalDialogDispatch({\n        id: 'ProfilingImportExportButtons',\n        type: 'SHOW',\n        title: 'Import
failed',\n        content: (\n          <Fragment>\n            <div>The profiling data you selected cannot be
imported.</div>\n          {error !== null && (\n            <div
className={styles.ErrorMessage}>{error.message}</div>\n          )}\n          </Fragment>\n        ),\n      });\n    });\n    // TODO (profiling) Handle fileReader errors.\n    fileReader.readAsText(input.files[0]);\n  }\n  }, [modalDialogDispatch, profilerStore]);\n\n  const importTimelineDataWrapper = event => {\n  const input
= inputRef.current;\n  if (input !== null && input.files.length > 0) {\n    const file = input.files[0];\n
setFile(file);\n  }\n  }\n\n  return (\n    <Fragment>\n      <div className={styles.VRule} />\n      <input\n
ref={inputRef}\n      className={styles.Input}\n      type="file"\n      accept=".json"\n      onChange={\n
selectedTabID === 'timeline'\n        ? importTimelineDataWrapper\n        : importProfilerData\n      }\n      tabIndex=-1\n    />\n    <a ref={downloadRef} className={styles.Input} />\n    <Button\n
disabled={isProfiling}\n    onClick={clickInputElement}\n    title="Load profile...">\n      <ButtonIcon
type="import" />\n    </Button>\n    <Button\n      disabled={\n        isProfiling ||\n
!profilerStore.didRecordCommits ||\n        selectedTabID === 'timeline'\n      }\n      onClick={downloadData}\n
title="Save profile...">\n      <ButtonIcon type="export" />\n    </Button>\n  </Fragment>\n );\n}\n", "/**\n
* Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in
the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n
*/\n\nimport * as React from 'react';\nimport {memo} from 'react';\nimport {areEqual} from 'react-window';\nimport {getGradientColor} from
 './utils';\n\nimport styles from './SnapshotCommitListItem.css';\n\nimport type {ItemData} from
 './SnapshotCommitList';\n\nexport type Props = {\n  data: ItemData,\n  index: number,\n  style: Object,\n  ...
}\n};\n\nfunction SnapshotCommitListItem({data: itemData, index, style}: Props) {\n  const {\n

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filteredCommitIndices,\n maxDuration,\n selectedCommitIndex,\n selectCommitIndex,\n
setHoveredCommitIndex,\n startCommitDrag,\n totalDurations,\n } = itemData;\n\n index =
filteredCommitIndices[index];\n\n const totalDuration = totalDurations[index];\n\n // Use natural cbrt for bar
height.\n // This prevents one (or a few) outliers from squishing the majority of other commits.\n // So rather than
e.g. __ we get something more like e.g. _\n const heightScale =\n Math.min(\n 1,\n Math.max(0,
Math.cbrt(totalDuration) / Math.cbrt(maxDuration)),\n ) || 0;\n\n // Use a linear scale for color.\n // This gives
some visual contrast between cheaper and more expensive commits\n // and somewhat compensates for the cbrt
scale height.\n const colorScale = Math.min(1, Math.max(0, totalDuration / maxDuration)) || 0;\n\n const isSelected
= selectedCommitIndex === index;\n\n // Leave a 1px gap between snapshots\n const width =
parseFloat(style.width) - 1;\n\n const handleMouseDown = ({buttons, target}: any) => {\n if (buttons === 1) {\n
selectCommitIndex(index);\n startCommitDrag({\n commitIndex: index,\n left:
target.getBoundingClientRect().left,\n sizeIncrement: parseFloat(style.width),\n });\n }\n };\n\n let
backgroundColor;\n if (!isSelected && totalDuration > 0) {\n backgroundColor =
getGradientColor(colorScale);\n }\n\n return (\n <div\n className={styles.Outer}\n
onMouseDown={handleMouseDown}\n onMouseEnter={() => setHoveredCommitIndex(index)}\n
style={{\n ...style,\n width,\n borderBottom: isSelected\n ? '3px solid var(--color-tab-selected-
border)'\n : undefined,\n }}>\n <div\n className={isSelected ? styles.InnerSelected :
styles.Inner}\n style={{\n height: `${Math.round(heightScale * 100)}%`,\n backgroundColor,\n
}}\n />\n </div>\n );\n\n\nexport default memo<Props>(SnapshotCommitListItem, areEqual);\n\n"/**\n *
Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT license found in
the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport type
{CommitDataFrontend} from './types';\n\nimport * as React from 'react';\nimport {useEffect, useMemo, useRef,
useState} from 'react';\nimport AutoSizer from 'react-virtualized-auto-sizer';\nimport {FixedSizeList} from 'react-
window';\nimport SnapshotCommitListItem from './SnapshotCommitListItem';\nimport {minBarWidth} from
'./constants';\nimport {formatDuration, formatTime} from './utils';\nimport Tooltip from './Tooltip';\n\nimport styles
from './SnapshotCommitList.css';\n\nexport type ItemData = {\n commitTimes: Array<number>,\n
filteredCommitIndices: Array<number>,\n maxDuration: number,\n selectedCommitIndex: number | null,\n
selectedFilteredCommitIndex: number | null,\n selectCommitIndex: (index: number) => void,\n
setHoveredCommitIndex: (index: number) => void,\n startCommitDrag: (newDragState: DragState) => void,\n
totalDurations: Array<number>,\n};\n\nexport type Props = {\n commitData: CommitDataFrontend,\n commitTimes:
Array<number>,\n filteredCommitIndices: Array<number>,\n selectedCommitIndex: number | null,\n
selectedFilteredCommitIndex: number | null,\n selectCommitIndex: (index: number) => void,\n totalDurations:
Array<number>,\n};\n\nexport default function SnapshotCommitList({\n commitData,\n commitTimes,\n
filteredCommitIndices,\n selectedCommitIndex,\n selectedFilteredCommitIndex,\n selectCommitIndex,\n
totalDurations,\n}: Props) {\n return (\n <AutoSizer>\n ({{height, width}) => (\n <List\n
commitData={commitData}\n commitTimes={commitTimes}\n height={height}\n
filteredCommitIndices={filteredCommitIndices}\n selectedCommitIndex={selectedCommitIndex}\n
selectedFilteredCommitIndex={selectedFilteredCommitIndex}\n selectCommitIndex={selectCommitIndex}\n
totalDurations={totalDurations}\n width={width}\n />\n )\n </AutoSizer>\n );\n\n\nexport type
ListProps = {\n commitData: CommitDataFrontend,\n commitTimes: Array<number>,\n height: number,\n
filteredCommitIndices: Array<number>,\n selectedCommitIndex: number | null,\n selectedFilteredCommitIndex:
number | null,\n selectCommitIndex: (index: number) => void,\n totalDurations: Array<number>,\n width:
number,\n};\n\nexport type DragState = {\n commitIndex: number,\n left: number,\n sizeIncrement:
number,\n};\n\nfunction List({\n commitData,\n selectedCommitIndex,\n commitTimes,\n height,\n
filteredCommitIndices,\n selectedFilteredCommitIndex,\n selectCommitIndex,\n totalDurations,\n width,\n}:
ListProps) {\n const listRef = useRef<FixedSizeList<ItemData> | null>(null);\n const divRef =
useRef<HTMLDivElement | null>(null);\n const prevCommitIndexRef = useRef<number | null>(null);\n\n // Make
sure a newly selected snapshot is fully visible within the list.\n useEffect(() => {\n if

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(selectedFilteredCommitIndex !== prevCommitIndexRef.current) {\n  prevCommitIndexRef.current =
selectedFilteredCommitIndex;\n  if (selectedFilteredCommitIndex !== null && listRef.current !== null) {\n
listRef.current.scrollToItem(selectedFilteredCommitIndex);\n  }\n }, [listRef,
selectedFilteredCommitIndex]);\n\n const itemSize = useMemo(\n  () => Math.max(minBarWidth, width /
filteredCommitIndices.length),\n  [filteredCommitIndices, width],\n );\n const maxDuration = useMemo(\n  ()
=> totalDurations.reduce((max, duration) => Math.max(max, duration), 0),\n  [totalDurations],\n );\n\n const
maxCommitIndex = filteredCommitIndices.length - 1;\n\n const [dragState, setDragState] = useState<DragState |
null>(null);\n\n const handleDragCommit = ({buttons, pageX}: any) => {\n  if (buttons === 0) {\n
setDragState(null);\n  return;\n  }\n\n  if (dragState !== null) {\n  const {commitIndex, left, sizeIncrement} =
dragState;\n\n  let newCommitIndex = commitIndex;\n  let newCommitLeft = left;\n\n  if (pageX <
newCommitLeft) {\n  while (pageX < newCommitLeft) {\n    newCommitLeft -= sizeIncrement;\n
newCommitIndex -= 1;\n  }\n  } else {\n  let newCommitRectRight = newCommitLeft + sizeIncrement;\n
while (pageX > newCommitRectRight) {\n    newCommitRectRight += sizeIncrement;\n
newCommitIndex += 1;\n  }\n  }\n\n  if (newCommitIndex < 0) {\n  newCommitIndex = 0;\n  } else
if (newCommitIndex > maxCommitIndex) {\n  newCommitIndex = maxCommitIndex;\n  }\n\n  selectCommitIndex(newCommitIndex);\n  }\n };;\n\n useEffect(() => {\n  if (dragState === null) {\n  return;\n
}\n\n  const element = divRef.current;\n  if (element !== null) {\n  const ownerDocument =
element.ownerDocument;\n  ownerDocument.addEventListener('mousemove', handleDragCommit);\n  return ()
=> {\n  ownerDocument.removeEventListener('mousemove', handleDragCommit);\n  };;\n  }\n },
[dragState]);\n\n const [hoveredCommitIndex, setHoveredCommitIndex] = useState<number | null>(null,\n
);\n\n // Pass required contextual data down to the ListItem renderer.\n const itemData = useMemo<ItemData>(\n
() => ({\n  commitTimes,\n  filteredCommitIndices,\n  maxDuration,\n  selectedCommitIndex,\n
selectedFilteredCommitIndex,\n  selectCommitIndex,\n  setHoveredCommitIndex,\n  startCommitDrag:\n
setDragState,\n  totalDurations,\n  })),\n [\n  commitTimes,\n  filteredCommitIndices,\n
maxDuration,\n  selectedCommitIndex,\n  selectedFilteredCommitIndex,\n  selectCommitIndex,\n
setHoveredCommitIndex,\n  totalDurations,\n ],\n );\n\n let tooltipLabel = null;\n if (hoveredCommitIndex
!== null) {\n  const {\n  duration,\n  effectDuration,\n  passiveEffectDuration,\n  priorityLevel,\n
timestamp,\n  } = commitData[hoveredCommitIndex];\n\n  // Only some React versions include commit
durations.\n  // Show a richer tooltip only for builds that have that info.\n  if (\n  effectDuration !== null ||\n
passiveEffectDuration !== null ||\n  priorityLevel !== null\n ) {\n  tooltipLabel = (\n  <ul
className={styles.TooltipList}>\n    <li\n  className={styles.TooltipListItem}>\n      <label
className={styles.TooltipLabel}>Priority</label>\n    <span
className={styles.TooltipValue}>{priorityLevel}</span>\n    </li>\n    <li\n
className={styles.TooltipListItem}>\n      <label className={styles.TooltipLabel}>Committed at</label>\n
    <span className={styles.TooltipValue}>\n      {formatTime(timestamp)}s\n    </span>\n    </li>\n
    <li className={styles.TooltipListItem}>\n      <div className={styles.DurationsWrapper}>\n
<label className={styles.TooltipLabel}>Durations</label>\n      <ul
className={styles.DurationsList}>\n        <li
className={styles.DurationsListItem}>\n          <label
className={styles.DurationsLabel}>Render</label>\n          <span
className={styles.DurationsValue}>\n            {formatDuration(duration)}ms\n          </span>\n
          </li>\n          <li\n  className={styles.DurationsListItem}>\n            <label
className={styles.DurationsLabel}>\n            Layout effects\n          </label>\n          <span
className={styles.DurationsValue}>\n            {formatDuration(effectDuration)}ms\n          </span>\n
          </li>\n          <li\n  className={styles.DurationsListItem}>\n            <label
className={styles.DurationsLabel}>\n            Passive effects\n          </label>\n          <span
className={styles.DurationsValue}>\n            {formatDuration(passiveEffectDuration)}ms\n          </span>\n
          </li>\n        </ul>\n      </div>\n    </li>\n    </ul>\n  );\n  } else {\n  tooltipLabel =

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`${formatDuration(duration)}ms at ${formatTime(\n    timestamp,\n    )}s`;
\n    }\n    }\n\n    return (\n    <Tooltip
className={styles.Tooltip} label={tooltipLabel}>\n    <div\n    ref={divRef}>\n    style={{height, width}}\n\n    onMouseLeave={() => setHoveredCommitIndex(null)}>\n    <FixedSizeList\n    className={styles.List}>\n\n    layout="horizontal"\n    height={height}\n    itemCount={filteredCommitIndices.length}\n\n    itemData={itemData}\n    itemSize={itemSize}\n    ref={(listRef: any) /* Flow bug? */}\n\n    width={width}>\n    {SnapshotCommitListItem}\n    </FixedSizeList>\n    </div>\n    </Tooltip>\n
);\n}\n",`/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is licensed under the MIT
license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n */\n\nimport * as
React from 'react';\nimport {Fragment, useContext, useMemo} from 'react';\nimport Button from './Button';\nimport
ButtonIcon from './ButtonIcon';\nimport {ProfilerContext} from './ProfilerContext';\nimport SnapshotCommitList
from './SnapshotCommitList';\nimport {maxBarWidth} from './constants';\nimport {StoreContext} from
'./context';\n\nimport styles from './SnapshotSelector.css';\n\nexport type Props = {};\n\nexport default function
SnapshotSelector(_: Props) {\n    const {\n        isCommitFilterEnabled,\n        minCommitDuration,\n        rootID,\n        selectedCommitIndex,\n        selectCommitIndex,\n    } = useContext(ProfilerContext);\n\n    const {profilerStore} =
useContext(StoreContext);\n\n    const {commitData} = profilerStore.getDataForRoot(((rootID: any): number));\n\n    const totalDurations: Array<number> = [];\n    const commitTimes: Array<number> = [];\n\n    commitData.forEach(commitDatum => {\n        totalDurations.push(\n            commitDatum.duration +\n            (commitDatum.effectDuration || 0) +\n            (commitDatum.passiveEffectDuration || 0),\n        );\n\n        commitTimes.push(commitDatum.timestamp);\n    });\n\n    const filteredCommitIndices = useMemo(() => {\n        commitData.reduce((reduced, commitDatum, index) => {\n            if (\n                !isCommitFilterEnabled ||\n                commitDatum.duration >= minCommitDuration\n            ) {\n                reduced.push(index);\n            }\n\n            return
reduced;\n        }, []),\n        [commitData, isCommitFilterEnabled, minCommitDuration],\n    );\n\n    const
numFilteredCommits = filteredCommitIndices.length;\n\n    // Map the (unfiltered) selected commit index to an index
within the filtered data.\n    const selectedFilteredCommitIndex = useMemo(() => {\n        if (selectedCommitIndex !==
null) {\n            for (let i = 0; i < filteredCommitIndices.length; i++) {\n                if (filteredCommitIndices[i] ===
selectedCommitIndex) {\n                    return i;\n                }\n            }\n\n            return null;\n        }, [filteredCommitIndices,
selectedCommitIndex]);\n\n    // TODO (ProfilerContext) This should be managed by the context controller
(reducer).\n    // It doesn't currently know about the filtered commits though (since it doesn't suspend).\n    // Maybe
this component should pass filteredCommitIndices up?\n    if (selectedFilteredCommitIndex === null) {\n        if
(numFilteredCommits > 0) {\n            selectCommitIndex(0);\n        } else {\n            selectCommitIndex(null);\n        }\n    } else
if (selectedFilteredCommitIndex >= numFilteredCommits) {\n        selectCommitIndex(numFilteredCommits === 0 ?
null : numFilteredCommits - 1);\n    }\n\n    let label = null;\n    if (numFilteredCommits > 0) {\n        const
handleCommitInputChange = event => {\n            const value = parseInt(event.currentTarget.value, 10);\n            if
(!isNaN(value)) {\n                const filteredIndex = Math.min(\n                    Math.max(value - 1, 0),\n                    // Snapshots are
shown to the user as 1-based\n                    // but the indices within the profiler data array ar 0-based.\n                    numFilteredCommits - 1,\n                );\n\n                selectCommitIndex(filteredCommitIndices[filteredIndex]);\n            }\n        };\n\n        const handleClick = event => {\n            event.currentTarget.select();\n        };\n\n        const handleKeyDown =
event => {\n            switch (event.key) {\n                case 'ArrowDown':\n                    viewPrevCommit();\n                    event.stopPropagation();\n                    break;\n                case 'ArrowUp':\n                    viewNextCommit();\n                    event.stopPropagation();\n                    break;\n                default:\n                    break;\n            }\n        };\n\n        const input = (\n            <input\n            className={styles.Input}\n            data-testname="SnapshotSelector-Input"\n            type="text"\n            inputMode="numeric"\n            pattern="[0-9]*"\n            value={selectedFilteredCommitIndex + 1}\n            size={`${numFilteredCommits}`.length}\n            onChange={handleCommitInputChange}\n            onClick={handleClick}\n            onKeyDown={handleKeyDown}\n            />\n        );\n\n        label = (\n            <Fragment>\n            {input} / {numFilteredCommits}\n            </Fragment>\n        );\n\n        const viewNextCommit = () => {\n            let
nextCommitIndex = ((selectedFilteredCommitIndex: any): number) + 1;\n            if (nextCommitIndex ===
filteredCommitIndices.length) {\n                nextCommitIndex = 0;\n            }\n\n            selectCommitIndex(filteredCommitIndices[nextCommitIndex]);\n        };\n        const viewPrevCommit = () => {\n            let

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nextCommitIndex = ((selectedFilteredCommitIndex: any): number) - 1;\n  if (nextCommitIndex < 0) {\n
nextCommitIndex = filteredCommitIndices.length - 1;\n  }\n
selectCommitIndex(filteredCommitIndices[nextCommitIndex]);\n  };\n\n  const handleKeyDown = event => {\n
switch (event.key) {\n  case 'ArrowLeft':\n    viewPrevCommit();\n    event.stopPropagation();\n    break;\n  case 'ArrowRight':\n    viewNextCommit();\n    event.stopPropagation();\n    break;\n  default:\n    break;\n  }\n  };\n\n  if (commitData.length === 0) {\n    return null;\n  }\n\n  return (\n    <Fragment>\n      <span\n        className={styles.IndexLabel}\n        data-testname={"SnapshotSelector-Label"}>\n        {label}\n      </span>\n      <Button\n        className={styles.Button}\n        data-testname={"SnapshotSelector-PreviousButton"}\n        disabled={numFilteredCommits === 0}\n        onClick={viewPrevCommit}\n        title="Select previous commit">\n        <ButtonIcon type="previous" />\n      </Button>\n      <div\n        className={styles.Commits}\n        onKeyDown={handleKeyDown}\n        style={{\n          flex:\n            numFilteredCommits > 0 ? '1 1 auto' : '0 0 auto',\n            maxWidth:\n              numFilteredCommits > 0\n                ?\n                numFilteredCommits * maxBarWidth\n                : undefined,\n          }}\n        tabIndex={0}>\n        {numFilteredCommits > 0 && (\n          <SnapshotCommitList\n            commitData={commitData}\n            commitTimes={commitTimes}\n            filteredCommitIndices={filteredCommitIndices}\n            selectedCommitIndex={selectedCommitIndex}\n            selectedFilteredCommitIndex={selectedFilteredCommitIndex}\n          >\n            selectCommitIndex={selectCommitIndex}\n            totalDurations={totalDurations}\n          </>\n        )}\n        <div\n          className={styles.NoCommits}>No commits</div>\n      </div>\n      <Button\n        className={styles.Button}\n        data-testname={"SnapshotSelector-NextButton"}\n        disabled={numFilteredCommits === 0}\n        onClick={viewNextCommit}\n        title="Select next commit">\n        <ButtonIcon type="next" />\n      </Button>\n    </Fragment>\n  );\n}\n\n"/**\n * Copyright (c) Facebook, Inc.\n and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the\n root directory of this source tree.\n */\n\nimport type {CommitTree} from './types';\nimport type {SerializedElement} from './Components/types';\nimport * as React from 'react';\nimport {useContext} from 'react';\nimport {ProfilerContext} from './ProfilerContext';\nimport styles from './Updaters.css';\nimport {ElementTypeRoot} from './../types';\n\nexport type Props = {\n  commitTree: CommitTree,\n  updaters: Array<SerializedElement>,\n};\n\nexport default function Updaters({commitTree, updaters}: Props) {\n  const {selectFiber} = useContext(ProfilerContext);\n\n  const children =\n    updaters.length > 0 ? (\n      updaters.map<React$Node>((serializedElement: SerializedElement) => {\n        const {displayName, id, key, type} =\n          serializedElement;\n        const isVisibleInTree =\n          commitTree.nodes.has(id) && type !==\n          ElementTypeRoot;\n        if (isVisibleInTree) {\n          return (\n            <button\n              key={id}\n              className={styles.Updater}\n              onClick={() => selectFiber(id, displayName)}>\n              {displayName}\n              {key ? `key="${key}"` : ""}\n            </button>\n          );\n        } else {\n          return (\n            <div key={id}\n              className={styles.UnmountedUpdater}>\n              {displayName} {key ? `key="${key}"` : ""}\n            </div>\n          );\n        }\n      })\n    ) : (\n      <div key="none" className={styles.NoUpdaters}>\n        (unknown)\n      </div>\n    );\n\n  return <div className={styles.Updaters}>{children}</div>;\n}\n\n"/**\n * Copyright (c)\n Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n */\n\nimport * as React from 'react';\nimport {Fragment, useContext} from 'react';\nimport {ProfilerContext} from './ProfilerContext';\nimport Updaters from './Updaters';\nimport {formatDuration, formatTime} from './utils';\nimport {StoreContext} from './context';\nimport {getCommitTree} from './CommitTreeBuilder';\nimport styles from './SidebarCommitInfo.css';\n\nexport type Props = {};\n\nexport default function SidebarCommitInfo(_: Props) {\n  const {selectedCommitIndex, rootID} =\n    useContext(ProfilerContext);\n\n  const {profilerStore} = useContext(StoreContext);\n\n  if (rootID === null ||\n    selectedCommitIndex === null) {\n    return <div className={styles.NothingSelected}>Nothing selected</div>;\n  }\n\n  const {\n    duration,\n    effectDuration,\n    passiveEffectDuration,\n    priorityLevel,\n    timestamp,\n    updaters,\n  } = profilerStore.getCommitData(rootID, selectedCommitIndex);\n\n  const hasCommitPhaseDurations =\n    effectDuration !== null || passiveEffectDuration !== null;\n\n  const commitTree =\n    updaters !== null\n

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? getCommitTree({\n      commitIndex: selectedCommitIndex,\n      profilerStore,\n      rootID,\n    })\n: null;\n\n return (\n  <Fragment>\n    <div className={styles.Toolbar}>Commit information</div>\n    <div\n      className={styles.Content}>\n      <ul className={styles.List}>\n        {priorityLevel !== null && (\n          <li className={styles.ListItem}>\n            <label className={styles.Label}>Priority</label>: {' '\n          <span className={styles.Value}>{priorityLevel}</span>\n            </li>\n          )}\n          <li\n            className={styles.ListItem}>\n            <label className={styles.Label}>Committed at</label>: {' '\n          <span className={styles.Value}>{formatTime(timestamp)}s</span>\n            </li>\n          && (\n            <li className={styles.ListItem}>\n              <label\n                className={styles.Label}>Render duration</label>: {' '\n              <span\n                className={styles.Value}>{formatDuration(duration)}ms</span>\n              </li>\n            )\n            && (\n              <li className={styles.ListItem}>\n                <label\n                  className={styles.Label}>Durations</label>\n                <ul className={styles.DurationsList}>\n                  <li\n                    className={styles.DurationsListItem}>\n                    <label className={styles.Label}>Render</label>: {' '\n                    <span className={styles.Value}>\n                      {formatDuration(duration)}ms\n                    </span>\n                  </li>\n                  {effectDuration !== null && (\n                    <li className={styles.DurationsListItem}>\n                      <label className={styles.Label}>Layout effects</label>: {' '\n                      <span className={styles.Value}>\n                        {formatDuration(effectDuration)}ms\n                      </span>\n                    </li>\n                  )\n                  && (\n                    <li className={styles.DurationsListItem}>\n                      <label\n                        className={styles.Label}>Passive effects</label>: {' '\n                      <span className={styles.Value}>\n                        {formatDuration(passiveEffectDuration)}ms\n                      </span>\n                    </li>\n                  )\n                </ul>\n              </li>\n            )\n          )\n        )\n        {updaters !== null && commitTree !== null && (\n          <li\n            className={styles.ListItem}>\n            <label className={styles.Label}>What caused this update?</label>?\n            <Updaters\n              commitTree={commitTree}\n              updaters={updaters}\n            />\n          </li>\n        )\n      </ul>\n    </div>\n  </Fragment>\n);\n\n", /**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code\n is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n * *\n * @flow\n */\n\nimport * as React from 'react';\nimport {Fragment, useContext, useEffect, useRef} from\n'react';\nimport WhatChanged from './WhatChanged';\nimport {ProfilerContext} from './ProfilerContext';\nimport {\n  formatDuration,\n  formatTime\n} from './utils';\nimport {StoreContext} from './context';\nimport Button from\n'./Button';\nimport ButtonIcon from './ButtonIcon';\n\nimport styles from\n'./SidebarSelectedFiberInfo.css';\n\nexport type Props = {||};\n\nexport default function SidebarSelectedFiberInfo(_:\nProps) {\n  const {profilerStore} = useContext(StoreContext);\n  const {\n    rootID,\n    selectCommitIndex,\n    selectedCommitIndex,\n    selectedFiberID,\n    selectedFiberName,\n    selectFiber,\n  } =\n    useContext(ProfilerContext);\n  const {profilingCache} = profilerStore;\n  const selectedItemRef =\n    useRef<HTMLDivElement | null>(null);\n  const commitIndices = profilingCache.getFiberCommits({\n    fiberID:\n      ((selectedFiberID: any): number),\n    rootID: ((rootID: any): number),\n  });\n  const handleKeyDown = event =>\n    {\n      switch (event.key) {\n        case 'ArrowUp':\n          if (selectedCommitIndex !== null) {\n            const prevIndex\n              = commitIndices.indexOf(selectedCommitIndex);\n            const nextIndex =\n              prevIndex > 0 ? prevIndex - 1 :\n              commitIndices.length - 1;\n            selectCommitIndex(commitIndices[nextIndex]);\n          }\n          event.preventDefault();\n          break;\n        case 'ArrowDown':\n          if (selectedCommitIndex !== null) {\n            const prevIndex =\n              commitIndices.indexOf(selectedCommitIndex);\n            const nextIndex =\n              prevIndex <\n              commitIndices.length - 1 ? prevIndex + 1 : 0;\n            selectCommitIndex(commitIndices[nextIndex]);\n          }\n          event.preventDefault();\n          break;\n        default:\n          break;\n      }\n    }\n  useEffect(() => {\n    const\n      selectedItem = selectedItemRef.current;\n    if (\n      selectedItem !== null &&\n      typeof\n      selectedItem.scrollIntoView === 'function'\n    ) {\n      selectedItem.scrollIntoView({block: 'nearest', inline:\n        'nearest'});\n    }\n  }, [selectedCommitIndex]);\n  const listItems = [];\n  let i = 0;\n  for (i = 0; i <\n    commitIndices.length; i++) {\n    const commitIndex = commitIndices[i];\n    const {duration, timestamp} =\n      profilerStore.getCommitData(\n        ((rootID: any): number),\n        commitIndex,\n      );\n    listItems.push(\n      <button\n        key={commitIndex}\n        ref={selectedCommitIndex === commitIndex ? selectedItemRef :

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null}\n    className={\n        selectedCommitIndex === commitIndex\n            ? styles.CurrentCommit\n            : styles.Commit\n        }\n        onClick={() => selectCommitIndex(commitIndex)}>\n    {formatTime(timestamp)}s for {formatDuration(duration)}ms\n    </button>,\n    );\n    }\n    return (\n    <Fragment>\n        <div className={styles.Toolbar}>\n            <div className={styles.Component}>\n                {selectedFiberName || 'Selected component'}\n            </div>\n            <Button\n                className={styles.IconButton}\n                onClick={() => selectFiber(null, null)}\n                title="Back to commit\n                view">\n                <ButtonIcon type="close" />\n            </Button>\n            </div>\n            <div className={styles.Content}\n                onKeyDown={handleKeyDown} tabIndex={0}>\n                <WhatChanged fiberID={((selectedFiberID: any):\n                number)} />\n                {listItems.length > 0 && (\n                    <Fragment>\n                        <label\n                            className={styles.Label}>Rendered at</label>: {listItems}\n                        </Fragment>\n                    )}\n                    {listItems.length\n                    === 0 && (\n                        <div>Did not render during this profiling session.</div>\n                    )}\n                </div>\n            </Fragment>\n        );\n    },"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed\n under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n * @flow\n */\nimport * as React from 'react';\nimport {Fragment, useContext} from 'react';\nimport {ModalDialog} from\n './ModalDialog';\nimport {ProfilerContext} from './ProfilerContext';\nimport TabBar from './TabBar';\nimport\n ClearProfilingDataButton from './ClearProfilingDataButton';\nimport CommitFlamegraph from\n './CommitFlamegraph';\nimport CommitRanked from './CommitRanked';\nimport RootSelector from\n './RootSelector';\nimport {Timeline} from 'react-devtools-timeline/src/Timeline';\nimport RecordToggle from\n './RecordToggle';\nimport ReloadAndProfileButton from './ReloadAndProfileButton';\nimport\n ProfilingImportExportButtons from './ProfilingImportExportButtons';\nimport SnapshotSelector from\n './SnapshotSelector';\nimport SidebarCommitInfo from './SidebarCommitInfo';\nimport SidebarSelectedFiberInfo\n from './SidebarSelectedFiberInfo';\nimport SettingsModal from 'react-devtools-\nshared/src/devtools/views/Settings/SettingsModal';\nimport SettingsModalContextToggle from 'react-devtools-\nshared/src/devtools/views/Settings/SettingsModalContextToggle';\nimport {SettingsModalContextController} from\n 'react-devtools-shared/src/devtools/views/Settings/SettingsModalContext';\nimport portaledContent from\n './portaledContent';\nimport {StoreContext} from './context';\nimport {TimelineContext} from 'react-devtools-\ntimeline/src/TimelineContext';\n\nfunction Profiler(_: {}) {\n    const {\n        didRecordCommits,\n        isProcessingData,\n        isProfiling,\n        selectedCommitIndex,\n        selectedFiberID,\n        selectedTabID,\n        selectTab,\n        supportsProfiling,\n    } = useContext(ProfilerContext);\n\n    const\n    {searchInputContainerRef} = useContext(TimelineContext);\n\n    const {supportsTimeline} =\n    useContext(StoreContext);\n\n    const isLegacyProfilerSelected = selectedTabID !== 'timeline';\n\n    let view =\n    null;\n    if (didRecordCommits || selectedTabID === 'timeline') {\n        switch (selectedTabID) {\n            case 'flame-\n            chart':\n                view = <CommitFlamegraph />;\n                break;\n            case 'ranked-chart':\n                view = <CommitRanked\n                />;\n                break;\n            case 'timeline':\n                view = <Timeline />;\n                break;\n            default:\n                break;\n        }\n    } else if (isProfiling) {\n        view = <RecordingInProgress />;\n    } else if (isProcessingData) {\n        view =\n        <ProcessingData />;\n    } else if (supportsProfiling) {\n        view = <NoProfilingData />;\n    } else {\n        view =\n        <ProfilingNotSupported />;\n    }\n\n    let sidebar = null;\n    if (!isProfiling && !isProcessingData &&\n    didRecordCommits) {\n        switch (selectedTabID) {\n            case 'flame-chart':\n            case 'ranked-chart':\n                //\n                TRICKY\n                // Handle edge case where no commit is selected because of a min-duration filter update.\n                // In\n                that case, the selected commit index would be null.\n                // We could still show a sidebar for the previously selected\n                fiber,\n                // but it would be an odd user experience.\n                // TODO (ProfilerContext) This check should not be\n                necessary.\n                if (selectedCommitIndex !== null) {\n                    if (selectedFiberID !== null) {\n                        sidebar =\n                        <SidebarSelectedFiberInfo />;\n                    } else {\n                        sidebar = <SidebarCommitInfo />;\n                    }\n                }\n                break;\n            default:\n                break;\n        }\n    }\n\n    return (\n        <SettingsModalContextController>\n            <div\n                className={styles.Profiler}>\n                <div className={styles.LeftColumn}>\n                    <div\n                        className={styles.Toolbar}>\n                            <RecordToggle\n                                disabled={!supportsProfiling || selectedTabID ===\n                                'timeline'}\n                            />\n                            <ReloadAndProfileButton\n                                disabled={selectedTabID === 'timeline' ||\n                                !supportsProfiling}\n                            />\n                            <ClearProfilingDataButton />\n                            <ProfilingImportExportButtons />\n
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    <div className={styles.VRule} />\n    <TabBar\n        currentTab={selectedTabID}\n
id="Profiler"\n        selectTab={selectTab}\n        tabs={supportsTimeline ? tabsWithTimeline : tabs}\n
        type="profiler"\n        />\n    <RootSelector />\n    <div className={styles.Spacer} />\n
{!isLegacyProfilerSelected && (\n        <div\n            ref={searchInputContainerRef}\n
className={styles.TimelineSearchInputContainer}\n            />\n        )}\n    <SettingsModalContextToggle
/>\n    {isLegacyProfilerSelected && didRecordCommits && (\n        <Fragment>\n            <div
className={styles.VRule} />\n                <SnapshotSelector />\n            </Fragment>\n        )}\n    </div>\n
    <div className={styles.Content}>\n        {view}\n    </ModalDialog />\n </div>\n </div>\n
    {isLegacyProfilerSelected && (\n        <div className={styles.RightColumn}>{sidebar}</div>\n    )}\n
<SettingsModal />\n </div>\n </SettingsModalContextController>(\n );\n)\n\nconst tabs = [\n {\n id: 'flame-
chart',\n icon: 'flame-chart',\n label: 'Flamegraph',\n title: 'Flamegraph chart',\n },\n {\n id: 'ranked-chart',\n
icon: 'ranked-chart',\n label: 'Ranked',\n title: 'Ranked chart',\n },\n];\n\nconst tabsWithTimeline = [\n ...tabs,\n
null, // Divider/seperator\n {\n id: 'timeline',\n icon: 'timeline',\n label: 'Timeline',\n title: 'Timeline',\n
},\n];\n\nconst NoProfilingData = () => (\n <div className={styles.Column}>\n <div
className={styles.Header}>No profiling data has been recorded.</div>\n <div className={styles.Row}>\n
Click the record button <RecordToggle /> to start recording.\n </div>\n </div>);\n\nconst
ProfilingNotSupported = () => (\n <div className={styles.Column}>\n <div
className={styles.Header}>Profiling not supported.</div>\n <p className={styles.Paragraph}>\n Profiling
support requires either a development or production-profiling\n build of React v16.5+.\n </p>\n <p
className={styles.Paragraph}>\n Learn more at{' '}\n <a\n className={styles.Link}\n
href="https://reactjs.org/link/profiling"\n rel="noopener noreferrer"\n target="_blank">\n
reactjs.org/link/profiling\n </a>\n .\n </p>\n </div>);\n\nconst ProcessingData = () => (\n <div
className={styles.Column}>\n <div className={styles.Header}>Processing data...</div>\n <div
className={styles.Row}>This should only take a minute.</div>\n </div>);\n\nconst RecordingInProgress = ()
=> (\n <div className={styles.Column}>\n <div className={styles.Header}>Profiling is in progress...</div>\n
<div className={styles.Row}>\n Click the record button <RecordToggle /> to stop recording.\n </div>\n
</div>);\n\nexport default portaledContent(Profiler);\n",/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n
*\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this
source tree.\n *\n * @flow\n */\nimport * as React from 'react';\nimport styles from './ReactLogo.css';\n\ntype
Props = {\n className?: string,\n};\n\nexport default function ReactLogo({className}: Props) {\n return (\n
<svg\n xmlns="http://www.w3.org/2000/svg"\n className={` ${styles.ReactLogo} ${className || ''} }\n
viewBox="-11.5 -10.23174 23 20.46348">\n <circle cx="0" cy="0" r="2.05" fill="currentColor" />\n
<g stroke="currentColor" strokeWidth="1" fill="none">\n <ellipse rx="11" ry="4.2" />\n <ellipse
rx="11" ry="4.2" transform="rotate(60)" />\n <ellipse rx="11" ry="4.2" transform="rotate(120)" />\n
</g>\n </svg>\n );\n ),\n",/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n *\n * This source code is
licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n *
@flow\n */\nimport * as React from 'react';\nimport {Fragment, useContext, useEffect} from 'react';\nimport
{ModalDialogContext} from './ModalDialog';\nimport {StoreContext} from './context';\nimport
{currentBridgeProtocol} from 'react-devtools-shared/src/bridge';\nimport Button from './Button';\nimport
ButtonIcon from './ButtonIcon';\nimport {copy} from 'clipboard-js';\nimport styles from
'./UnsupportedBridgeProtocolDialog.css';\nimport type {BridgeProtocol} from 'react-devtools-
shared/src/bridge';\n\nconst DEVTOOLS_VERSION = process.env.DEVTOOLS_VERSION;\n\nconst
INSTRUCTIONS_FB_URL =\n 'https://fb.me/devtools-unsupported-bridge-protocol';\n\nconst
MODAL_DIALOG_ID = 'UnsupportedBridgeProtocolDialog';\n\nexport default function
UnsupportedBridgeProtocolDialog(_: {}) {\n const {dialogs, dispatch} = useContext(ModalDialogContext);\n
const store = useContext(StoreContext);\n\n const isVisible = !!dialogs.find(dialog => dialog.id ===
MODAL_DIALOG_ID);\n\n useEffect(() => {\n const updateDialog = () => {\n if (!isVisible) {\n if
(store.unsupportedBridgeProtocol !== null) {\n dispatch({\n canBeDismissed: false,\n id:

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MODAL_DIALOG_ID,\n      type: 'SHOW',\n      content: (\n        <DialogContent\n
unsupportedBridgeProtocol={store.unsupportedBridgeProtocol}\n      />\n    ),\n  });\n  }\n  }\n  }\n  }\n  else {\n    if (store.unsupportedBridgeProtocol === null) {\n      dispatch({\n        type: 'HIDE',\n        id:
MODAL_DIALOG_ID,\n      });\n    }\n  }\n  }\n  }\n  }\n  updateDialog();\n  }\n  }\n  store.addListener('unsupportedBridgeProtocolDetected', updateDialog);\n  return () => {\n
store.removeListener('unsupportedBridgeProtocolDetected', updateDialog);\n  }\n  }, [isVisible, store]);\n  }\n  }\n  return
null;\n  }\n  }\n  function DialogContent({\n    unsupportedBridgeProtocol,\n  }): {\n    unsupportedBridgeProtocol:
BridgeProtocol,\n  }) {\n    const {version, minNpmVersion, maxNpmVersion} = unsupportedBridgeProtocol;\n    let
instructions;\n    if (maxNpmVersion === null) {\n      const upgradeInstructions = `npm i -g react-
devtools@^${minNpmVersion}`;\n      instructions = (\n        <>\n        <p className={styles.Paragraph}>\n          To
fix this, upgrade the DevTools NPM package:\n        </p>\n        <pre className={styles.NpmCommand}>\n
{upgradeInstructions}\n        <Button\n          onClick={() => copy(upgradeInstructions)}\n          title="Copy
upgrade command to clipboard"\n        >\n          <ButtonIcon type="copy" />\n        </Button>\n        </pre>\n
</>\n      );\n    } else {\n      const downgradeInstructions = `npm i -g react-devtools@${maxNpmVersion}`;\n
instructions = (\n        <>\n        <p className={styles.Paragraph}>\n          To fix this, downgrade the DevTools
NPM package:\n        </p>\n        <pre className={styles.NpmCommand}>\n          {downgradeInstructions}\n
<Button\n          onClick={() => copy(downgradeInstructions)}\n          title="Copy downgrade command to
clipboard"\n        >\n          <ButtonIcon type="copy" />\n        </Button>\n        </pre>\n        </>\n      );\n    }\n    return
(\n      <Fragment>\n        <div className={styles.Column}>\n          <div className={styles.Title}>Unsupported
DevTools backend version</div>\n          <p className={styles.Paragraph}>\n            You are running <code>react-
devtools</code> version{' '}\n            <span className={styles.Version}>{DEVTOOLS_VERSION}</span>.\n
</p>\n            <p className={styles.Paragraph}>\n              This requires bridge protocol{' '}\n            <span
className={styles.Version}>\n              version {currentBridgeProtocol.version}\n            </span>\n            . However
the current backend version uses bridge protocol{' '}\n            <span className={styles.Version}>version
{version}</span>.\n            </p>\n            {instructions}\n            <p className={styles.Paragraph}>\n              Or{' '}\n
<a className={styles.Link} href={INSTRUCTIONS_FB_URL} target="_blank">\n                click here\n
</a>{' '}\n              for more information.\n            </p>\n          </div>\n        </Fragment>\n      );\n    }\n  }, /**\n   * Copyright (c)
Facebook, Inc. and its affiliates.\n   * This source code is licensed under the MIT license found in the\n   *
LICENSE file in the root directory of this source tree.\n   * @flow\n   */\n  import * as React from 'react';\n  import
{Fragment, useContext, useEffect, useState} from 'react';\n  import {unstable_batchedUpdates as batchedUpdates}
from 'react-dom';\n  import {ModalDialogContext} from './ModalDialog';\n  import {StoreContext} from
'./context';\n  import {UNSUPPORTED_VERSION_URL} from 'react-devtools-shared/src/constants';\n  import
styles from './UnsupportedVersionDialog.css';\n  type DIALOG_STATE = 'dialog-not-shown' | 'show-dialog' |
'dialog-shown';\n  export default function UnsupportedVersionDialog(_: {}) {\n    const {dispatch} =
useContext(ModalDialogContext);\n    const store = useContext(StoreContext);\n    const [state, setState] =
useState<DIALOG_STATE>('dialog-not-shown');\n    useEffect(() => {\n      if (state === 'dialog-not-shown') {\n
const showDialog = () => {\n        batchedUpdates(() => {\n          setState('show-dialog');\n          dispatch({\n
canBeDismissed: true,\n          id: 'UnsupportedVersionDialog',\n          type: 'SHOW',\n          content:
<DialogContent />,\n        });\n      });\n      if (store.unsupportedRendererVersionDetected) {\n
showDialog();\n      } else {\n        store.addListener('unsupportedRendererVersionDetected', showDialog);\n
return () => {\n          store.removeListener(\n            'unsupportedRendererVersionDetected',\n
showDialog,\n          );\n        }\n      }\n    }, [state, store]);\n    return null;\n  }\n  }\n  function DialogContent(_:
{})) {\n    return (\n      <Fragment>\n        <div className={styles.Row}>\n          <div>\n            <div
className={styles.Title}>Unsupported React version detected</div>\n            <p>\n              This version of React
DevTools supports React DOM v15+ and React\n              Native v61+.\n            </p>\n            <p>\n              In order to
use DevTools with an older version of React, you'll need\n              to{' '}\n            <a\n
className={styles.ReleaseNotesLink}\n              target="_blank"\n              rel="noopener noreferrer"\n
href={UNSUPPORTED_VERSION_URL}>\n                install an older version of the extension\n            </a>\n

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    </p>
  </div>
  </div>
  </Fragment>
);
"/**
 * Copyright (c) Facebook, Inc. and its
 affiliates.
 * This source code is licensed under the MIT license found in the
 * LICENSE file in the root
 directory of this source tree.
 * @flow
 */
import * as React from 'react';
import {Fragment, useContext,
useEffect} from 'react';
import {BridgeContext} from './context';
import {ModalDialogContext} from
 './ModalDialog';
import styles from './WarnIfLegacyBackendDetected.css';
export default function
WarnIfLegacyBackendDetected(_: {}) {
  const bridge = useContext(BridgeContext);
  const {dispatch} =
  useContext(ModalDialogContext);

  // Detect pairing with legacy v3 backend.
  // We do this by listening to a
  message that it broadcasts but the v4 backend doesn't.
  // In this case the frontend should show upgrade
  instructions.
  useEffect(() => {
    // Wall.listen returns a cleanup function
    let unlisten =
    bridge.wall.listen(message => {
      switch (message.type) {
        case 'call':
        case 'event':
        case 'many-
events':
          // Any of these types indicate the v3 backend.
          dispatch({
            canBeDismissed: false,
            id: 'WarnIfLegacyBackendDetected',
            type: 'SHOW',
            title: 'DevTools v4 is incompatible with
this version of React',
            content: <InvalidBackendDetected />,
          });

          // Once we've identified
the backend version, it's safe to unsubscribe.
          if (typeof unlisten === 'function') {
            unlisten();
            unlisten = null;
          }
          break;
        default:
          break;
      }
      switch (message.event) {
        case 'isBackendStorageAPISupported':
        case 'isNativeStyleEditorSupported':
        case 'operations':
        case 'overrideComponentFilters':
          // Any of these is sufficient to indicate a v4 backend.
          // Once we've
identified the backend version, it's safe to unsubscribe.
          if (typeof unlisten === 'function') {
            unlisten();
            unlisten = null;
          }
          break;
        default:
          break;
      }
    });
  });
  return ()
=> {
    if (typeof unlisten === 'function') {
      unlisten();
      unlisten = null;
    }
  };
}, [bridge,
dispatch]);
return null;
}

function InvalidBackendDetected(_: {}) {
  return (
    <Fragment>
    <p>Either upgrade React or install React DevTools v3:</p>
    <code className={styles.Command}>npm install
-d react-devtools@^3</code>
  </Fragment>
);
"/**
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 * This source code is licensed under the MIT license found in the
 * LICENSE file in the root directory of this
 source tree.
 * @flow
 */
// Reach styles need to come before any component styles.
// This makes
overriding the styles simpler.
import '@reach/menu-button/styles.css';
import
 '@reach/tooltip/styles.css';
import * as React from 'react';
import {useCallback, useEffect, useLayoutEffect,
useMemo, useRef} from 'react';
import Store from './store';
import {
  BridgeContext,
  ContextMenuContext,
  StoreContext,
  OptionsContext,
} from './context';
import Components from
 './Components/Components';
import Profiler from './Profiler/Profiler';
import TabBar from './TabBar';
import
 {SettingsContextController} from './Settings/SettingsContext';
import {TreeContextController} from
 './Components/TreeContext';
import ViewElementSourceContext from
 './Components/ViewElementSourceContext';
import FetchFileWithCachingContext from
 './Components/FetchFileWithCachingContext';
import HookNamesModuleLoaderContext from
 'react-devtools-shared/src/devtools/views/Components/HookNamesModuleLoaderContext';
import {ProfilerContextController}
from './Profiler/ProfilerContext';
import {TimelineContextController} from
 'react-devtools-timeline/src/TimelineContext';
import {ModalDialogContextController} from
 './ModalDialog';
import ReactLogo
from './ReactLogo';
import UnsupportedBridgeProtocolDialog from
 './UnsupportedBridgeProtocolDialog';
import
 UnsupportedVersionDialog from './UnsupportedVersionDialog';
import WarnIfLegacyBackendDetected from
 './WarnIfLegacyBackendDetected';
import {useLocalStorage} from './hooks';
import ThemeProvider from
 './ThemeProvider';
import {LOCAL_STORAGE_DEFAULT_TAB_KEY} from
 './../constants';
import styles
from './DevTools.css';
import './root.css';
import type {InspectedElement} from
 'react-devtools-shared/src/devtools/views/Components/types';
import type {FetchFileWithCaching} from
 './Components/FetchFileWithCachingContext';
import type {HookNamesModuleLoaderFunction} from
 'react-devtools-shared/src/devtools/views/Components/HookNamesModuleLoaderContext';
import type
 {FrontendBridge} from 'react-devtools-shared/src/bridge';
import {logEvent} from './../Logger';
export type
BrowserTheme = 'dark' | 'light';
export type TabID = 'components' | 'profiler';
export type ViewElementSource =
({
  id: number,
  inspectedElement: InspectedElement,
}) => void;
export type ViewAttributeSource =

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number,\n path: Array<string | number>,\n) => void;\nexport type CanViewElementSource = (\n
inspectedElement: InspectedElement,\n) => boolean;\n\nexport type Props = {\n  bridge: FrontendBridge,\n  browserTheme?: BrowserTheme,\n  canViewElementSourceFunction?: ?CanViewElementSource,\n  defaultTab?: TabID,\n  enabledInspectedElementContextMenu?: boolean,\n  showTabBar?: boolean,\n  store: Store,\n  warnIfLegacyBackendDetected?: boolean,\n  warnIfUnsupportedVersionDetected?: boolean,\n  viewAttributeSourceFunction?: ?ViewAttributeSource,\n  viewElementSourceFunction?: ?ViewElementSource,\n  readOnly?: boolean,\n  hideSettings?: boolean,\n  hideToggleErrorAction?: boolean,\n  hideToggleSuspenseAction?: boolean,\n  hideLogAction?: boolean,\n  hideViewSourceAction?: boolean,\n\n  // This property is used only by the web extension target.\n  // The built-in tab UI is hidden in that case, in favor of the browser's own panel tabs.\n  // This is done to save space within the app.\n  // Because of this, the extension needs to be able to change which tab is active/rendered.\n  overrideTab?: TabID,\n\n  // To avoid potential multi-root trickiness, the web extension uses portals to render tabs.\n  // The root <DevTools> app is rendered in the top-level extension window,\n  // but individual tabs (e.g. Components, Profiling) can be rendered into portals within their browser panels.\n  componentsPortalContainer?: Element,\n  profilerPortalContainer?: Element,\n\n  // Loads and parses source maps for function components\n  // and extracts hook \"names\" based on the variables the hook return values get assigned to.\n  // Not every DevTools build can load source maps, so this property is optional.\n  fetchFileWithCaching?: ?FetchFileWithCaching,\n  // TODO (Webpack 5) Hopefully we can remove this prop after the Webpack 5 migration.\n  hookNamesModuleLoaderFunction?: ?HookNamesModuleLoaderFunction,\n};\n\nconst componentsTab = {\n  id: ('components': TabID),\n  icon: 'components',\n  label: 'Components',\n  title: 'React Components',\n};\n\nconst profilerTab = {\n  id: ('profiler': TabID),\n  icon: 'profiler',\n  label: 'Profiler',\n  title: 'React Profiler',\n};\n\nconst tabs = [componentsTab, profilerTab];\n\nexport default function DevTools({\n  bridge,\n  browserTheme = 'light',\n  canViewElementSourceFunction,\n  componentsPortalContainer,\n  defaultTab = 'components',\n  enabledInspectedElementContextMenu = false,\n  fetchFileWithCaching,\n  hookNamesModuleLoaderFunction,\n  overrideTab,\n  profilerPortalContainer,\n  showTabBar = false,\n  store,\n  warnIfLegacyBackendDetected = false,\n  warnIfUnsupportedVersionDetected = false,\n  viewAttributeSourceFunction,\n  viewElementSourceFunction,\n  readOnly,\n  hideSettings,\n  hideToggleErrorAction,\n  hideToggleSuspenseAction,\n  hideLogAction,\n  hideViewSourceAction,\n}): Props) {\n  const [currentTab, setTab] = useLocalStorage<TabID>(\n    LOCAL_STORAGE_DEFAULT_TAB_KEY,\n    defaultTab,\n  );\n\n  let tab = currentTab;\n\n  if (overrideTab !== null) {\n    tab = overrideTab;\n  }\n\n  const selectTab = useCallback(\n    (tabId: TabID) => {\n      // We show the TabBar when DevTools is NOT rendered as a browser extension.\n      // In this case, we want to capture when people select tabs with the TabBar.\n      // When DevTools is rendered as an extension, we capture this event when\n      // the browser devtools panel changes.\n      if (showTabBar === true) {\n        if (tabId === 'components') {\n          logEvent({event_name: 'selected-components-tab'});\n        } else {\n          logEvent({event_name: 'selected-profiler-tab'});\n        }\n      }\n      setTab(tabId);\n    },\n    [setTab, showTabBar],\n  );\n\n  const options = useMemo(\n    () => ({\n      readOnly: readOnly || false,\n      hideSettings: hideSettings || false,\n      hideToggleErrorAction: hideToggleErrorAction || false,\n      hideToggleSuspenseAction: hideToggleSuspenseAction || false,\n      hideLogAction: hideLogAction || false,\n      hideViewSourceAction: hideViewSourceAction || false,\n    }),\n    [readOnly, hideSettings, hideToggleErrorAction, hideToggleSuspenseAction, hideLogAction, hideViewSourceAction],\n  );\n\n  const viewElementSource = useMemo(\n    () => ({\n      canViewElementSourceFunction: canViewElementSourceFunction || null,\n      viewElementSourceFunction: viewElementSourceFunction || null,\n    }),\n    [canViewElementSourceFunction, viewElementSourceFunction],\n  );\n\n  const contextMenu = useMemo(\n    () => ({\n      isEnabledForInspectedElement: enabledInspectedElementContextMenu,\n      viewAttributeSourceFunction: viewAttributeSourceFunction || null,\n    }),\n    [enabledInspectedElementContextMenu, viewAttributeSourceFunction],\n  );\n\n  const devToolsRef = useRef<HTMLElement | null>(null);\n\n  useEffect(() => {\n    if (!showTabBar) {\n      return;\n    }\n\n    const div = devToolsRef.current;\n    if (div === null) {\n      return;\n    }\n\n    const ownerWindow = div.ownerDocument.defaultView;\n    const handleKeyDown = (event: KeyboardEvent) => {\n      if (event.ctrlKey

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    | event.metaKey) {\n      switch (event.key) {\n        case '1':\n          selectTab(tabs[0].id);\n          event.preventDefault();\n          event.stopPropagation();\n          break;\n        case '2':\n          selectTab(tabs[1].id);\n          event.preventDefault();\n          event.stopPropagation();\n          break;\n      }\n    }\n  };\n  ownerWindow.addEventListener('keydown', handleKeyDown);\n  return () => {\n    ownerWindow.removeEventListener('keydown', handleKeyDown);\n  }; }, [showTabBar]);\n  useLayoutEffect(() => {\n    return () => {\n      try {\n        // Shut the Bridge down synchronously (during unmount).\n        bridge.shutdown();\n      } catch (error) {\n        // Attempting to use a disconnected port.\n      }\n    }; }, [bridge]);\n  useEffect(() => {\n    logEvent({event_name: 'loaded-dev-tools'});\n  }, []);\n  return (\n    <BridgeContext.Provider value={bridge}>\n      <StoreContext.Provider value={store}>\n        <OptionsContext.Provider value={options}>\n          <ContextMenuContext.Provider value={contextMenu}>\n            <ModalDialogContextController>\n              <SettingsContextController\n                browserTheme={browserTheme}\n                componentsPortalContainer={componentsPortalContainer}\n                profilerPortalContainer={profilerPortalContainer}>\n                <ViewElementSourceContext.Provider\n                  value={viewElementSource}>\n                  <HookNamesModuleLoaderContext.Provider\n                    value={hookNamesModuleLoaderFunction || null}>\n                    <FetchFileWithCachingContext.Provider\n                      value={fetchFileWithCaching || null}>\n                      <TreeContextController>\n                        <ProfilerContextController>\n                          <TimelineContextController>\n                            <ThemeProvider>\n                              <div\n                                className={styles.DevTools}\n                                ref={devToolsRef}\n                                data-react-devtools-portal-root={true}>\n                                {showTabBar && (\n                                  <div className={styles.TabBar}>\n                                    <ReactLogo\n                                      />\n                                    <span className={styles.DevToolsVersion}>\n                                      {process.env.DEVTOOLS_VERSION}\n                                    </span>\n                                  <div\n                                    className={styles.Spacer} />\n                                    <TabBar\n                                      id="DevTools"\n                                      selectTab={selectTab}\n                                      tabs={tabs}\n                                      type="navigation"\n                                    />\n                                  </div>\n                                <div\n                                  className={styles.TabContent}\n                                  hidden={tab !== 'components'}>\n                                  <Components\n                                    portalContainer={componentsPortalContainer}\n                                  />\n                                </div>\n                              <div\n                                className={styles.TabContent}\n                                hidden={tab !== 'profiler'}>\n                                <Profiler\n                                  portalContainer={profilerPortalContainer}\n                                />\n                              </div>\n                            </ThemeProvider>\n                          </TimelineContextController>\n                        </ProfilerContextController>\n                      </TreeContextController>\n                    </FetchFileWithCachingContext.Provider>\n                  </HookNamesModuleLoaderContext.Provider>\n                </ViewElementSourceContext.Provider>\n              </SettingsContextController>\n            <UnsupportedBridgeProtocolDialog />\n            {warnIfLegacyBackendDetected && <WarnIfLegacyBackendDetected />}\n            {warnIfUnsupportedVersionDetected && <UnsupportedVersionDialog />}\n          </ModalDialogContextController>\n        </ContextMenuContext.Provider>\n      </OptionsContext.Provider>\n    </StoreContext.Provider>\n  </BridgeContext.Provider>)\n); }\n\n", /**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n * @flow\n */\nimport {existsSync} from 'fs';\nimport {basename, join, isAbsolute} from 'path';\nimport {execSync, spawn} from 'child_process';\nimport {parse} from 'shell-quote';\nfunction isTerminalEditor(editor: string): boolean {\n  switch (editor) {\n    case 'vim':\n    case 'emacs':\n    case 'nano':\n      return true;\n    default:\n      return false;\n  }\n}\n\n// Map from full process name to binary that starts the process\n// We can't just re-use full process name, because it will spawn a new instance\n// of the app every time\nconst COMMON_EDITORS = {\n  '/Applications/Atom.app/Contents/MacOS/Atom': 'atom',\n  '/Applications/Atom Beta.app/Contents/MacOS/Atom Beta':\n    '/Applications/Atom Beta.app/Contents/MacOS/Atom Beta',\n  '/Applications/Atom\nBeta.app/Contents/MacOS/Atom Beta',\n  '/Applications/Sublime Text.app/Contents/MacOS/Sublime Text':\n    '/Applications/Sublime Text.app/Contents/MacOS/Sublime Text',\n};

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/Applications/Sublime Text.app/Contents/SharedSupport/bin/subl',\n /Applications/Sublime Text
2.app/Contents/MacOS/Sublime Text 2':\n /Applications/Sublime Text 2.app/Contents/SharedSupport/bin/subl',\n
/Applications/Visual Studio Code.app/Contents/MacOS/Electron: 'code',\n};\n\nfunction
getArgumentsForLineNumber(\n editor: string,\n filePath: string,\n lineNumber: number,\n): Array<string> {\n
switch (basename(editor)) {\n case 'vim':\n case 'mvim':\n return [filePath, '+' + lineNumber];\n case
'atom':\n case 'Atom':\n case 'Atom Beta':\n case 'subl':\n case 'sublime':\n case 'wstorm':\n case
'appcode':\n case 'charm':\n case 'idea':\n return [filePath + ':' + lineNumber];\n case 'joe':\n case 'emacs':\n
case 'emacsclient':\n return ['+' + lineNumber, filePath];\n case 'rmate':\n case 'mate':\n case 'mine':\n
return ['--line', lineNumber + ", ", filePath];\n case 'code':\n return ['-g', filePath + ':' + lineNumber];\n default:\n
// For all others, drop the lineNumber until we have\n // a mapping above, since providing the lineNumber
incorrectly\n // can result in errors or confusing behavior.\n return [filePath];\n }\n}\n\nfunction
guessEditor(): Array<string> {\n // Explicit config always wins\n if (process.env.REACT_EDITOR) {\n return
parse(process.env.REACT_EDITOR);\n }\n\n // Using `ps x` on OSX we can find out which editor is currently
running.\n // Potentially we could use similar technique for Windows and Linux\n if (process.platform ===
'darwin') {\n try {\n const output = execSync('ps x').toString();\n const processNames =
Object.keys(COMMON_EDITORS);\n for (let i = 0; i < processNames.length; i++) {\n const processName
= processNames[i];\n if (output.indexOf(processName) !== -1) {\n return
[COMMON_EDITORS[processName]];\n }\n }\n } catch (error) {\n // Ignore...\n }\n }\n\n // Last
resort, use old skool env vars\n if (process.env.VISUAL) {\n return [process.env.VISUAL];\n } else if
(process.env.EDITOR) {\n return [process.env.EDITOR];\n }\n\n return [];\n}\n\nlet childProcess =
null;\n\nexport function getValidFilePath(\n maybeRelativePath: string,\n absoluteProjectRoots: Array<string>,\n):
string | null {\n // We use relative paths at Facebook with deterministic builds.\n // This is why our internal tooling
calls React DevTools with absoluteProjectRoots.\n // If the filename is absolute then we don't need to care about
this.\n if (isAbsolute(maybeRelativePath)) {\n if (existsSync(maybeRelativePath)) {\n return
maybeRelativePath;\n }\n } else {\n for (let i = 0; i < absoluteProjectRoots.length; i++) {\n const projectRoot
= absoluteProjectRoots[i];\n const joinedPath = join(projectRoot, maybeRelativePath);\n if
(existsSync(joinedPath)) {\n return joinedPath;\n }\n }\n }\n\n return null;\n}\n\nexport function
doesFilePathExist(\n maybeRelativePath: string,\n absoluteProjectRoots: Array<string>,\n): boolean {\n return
getValidFilePath(maybeRelativePath, absoluteProjectRoots) !== null;\n}\n\nexport function launchEditor(\n
maybeRelativePath: string,\n lineNumber: number,\n absoluteProjectRoots: Array<string>,\n) {\n const filePath =
getValidFilePath(maybeRelativePath, absoluteProjectRoots);\n if (filePath === null) {\n return;\n }\n\n //
Sanitize lineNumber to prevent malicious use on win32\n // via:
https://github.com/nodejs/node/blob/c3bb4b1aa5e907d489619fb43d233c3336bfc03d/lib/child\_process.js#L333\n if
(lineNumber && isNaN(lineNumber)) {\n return;\n }\n\n const [editor, ...destructuredArgs] = guessEditor();\n if
(!editor) {\n return;\n }\n\n let args = destructuredArgs;\n\n if (lineNumber) {\n args =
args.concat(getArgumentsForLineNumber(editor, filePath, lineNumber));\n } else {\n args.push(filePath);\n }\n\n if
(childProcess && isTerminalEditor(editor)) {\n // There's an existing editor process already and it's attached\n
// to the terminal, so go kill it. Otherwise two separate editor\n // instances attach to the stdin/stdout which gets
confusing.\n childProcess.kill('SIGKILL');\n }\n\n if (process.platform === 'win32') {\n // On Windows, launch
the editor in a shell because spawn can only\n // launch .exe files.\n childProcess = spawn('cmd.exe', ['/C',
editor].concat(args), {\n stdio: 'inherit',\n });\n } else {\n childProcess = spawn(editor, args, {stdio:
'inherit'});\n }\n\n childProcess.on('error', function() {});\n childProcess.on('exit', function(errorCode) {\n
childProcess = null;\n });\n}\n\n"/>**\n * Install the hook on window, which is an event emitter.\n * Note because
Chrome content scripts cannot directly modify the window object,\n * we are evaluating this function by inserting a
script tag.\n * That's why we have to inline the whole event emitter implementation,\n * the string format
implementation, and part of the console implementation here.\n *\n * @flow\n */\n\nimport type {BrowserTheme}
from 'react-devtools-shared/src/devtools/views/DevTools';\nimport type {DevToolsHook} from 'react-devtools-
shared/src/backend/types';\n\nimport {\n patch as patchConsole,\n registerRenderer as

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registerRendererWithConsole,\n} from './backend/console';\n\ndeclare var window: any;\n\nexport function
installHook(target: any): DevToolsHook | null {\n  if
(target.hasOwnProperty('__REACT_DEVTOOLS_GLOBAL_HOOK__')) {\n    return null;\n  }\n\n  let
targetConsole: Object = console;\n  let targetConsoleMethods = {};\n  for (const method in console) {\n
targetConsoleMethods[method] = console[method];\n  }\n\n  function dangerous_setTargetConsoleForTesting(\n
targetConsoleForTesting: Object,\n  ): void {\n    targetConsole = targetConsoleForTesting;\n\n
targetConsoleMethods = {};\n    for (const method in targetConsole) {\n      targetConsoleMethods[method] =
console[method];\n    }\n  }\n\n  function detectReactBuildType(renderer) {\n    try {\n      if (typeof
renderer.version
=== 'string') {\n        // React DOM Fiber (16+)\n        if (renderer.bundleType > 0) {\n          // This is not a
production build.\n          // We are currently only using 0 (PROD) and 1 (DEV)\n          // but might add 2
(PROFILE) in the future.\n          return 'development';\n        }\n        // React 16 uses flat bundles. If we report the
bundle as production\n        // version, it means we also minified and envified it ourselves.\n        return
'production';\n        // Note: There is still a risk that the CommonJS entry point has not\n        // been envified or
uglifyed. In this case the user would have *both*\n        // development and production bundle, but only the prod one
would run.\n        // This would be really bad. We have a separate check for this because\n        // it happens
*outside* of the renderer injection. See `checkDCE` below.\n      }\n\n      const toString =
Function.prototype.toString;\n      if (renderer.Mount && renderer.Mount._renderNewRootComponent) {\n        //
React DOM Stack\n        const renderRootCode = toString.call(\n
renderer.Mount._renderNewRootComponent,\n      );\n        // Filter out bad results (if that is even possible):\n
if (renderRootCode.indexOf('function') !== 0) {\n          // Hope for the best if we're not sure.\n          return
'production';\n        }\n        // Check for React DOM Stack < 15.1.0 in development.\n        // If it contains
`storedMeasure` call, it's wrapped in ReactPerf (DEV only).\n        // This would be true even if it's minified, as
method name still matches.\n        if (renderRootCode.indexOf('storedMeasure') !== -1) {\n          return
'development';\n        }\n        // For other versions (and configurations) it's not so easy.\n        // Let's quickly exclude
proper production builds.\n        // If it contains a warning message, it's either a DEV build,\n        // or an PROD
build without proper dead code elimination.\n        if (renderRootCode.indexOf('should be a pure function') !== -1)
{\n          // Now how do we tell a DEV build from a bad PROD build?\n          // If we see NODE_ENV, we're going
to assume this is a dev build\n          // because most likely it is referring to an empty shim.\n          if
(renderRootCode.indexOf('NODE_ENV') !== -1) {\n            return 'development';\n          }\n          // If we see
`development`, we're dealing with an envified DEV build\n          // (such as the official React DEV UMD).\n
if (renderRootCode.indexOf('development') !== -1) {\n            return 'development';\n          }\n          // I've seen
process.env.NODE_ENV !== 'production' being smartly\n          // replaced by `true` in DEV by Webpack. I don't
know how that\n          // works but we can safely guard against it because `true` was\n          // never used in the
function source since it was written.\n          if (renderRootCode.indexOf('true') !== -1) {\n            return
'development';\n          }\n          // By now either it is a production build that has not been minified,\n          // or
(worse) this is a minified development build using non-standard\n          // environment (e.g. `staging`). We're
going to look at whether\n          // the function argument name is mangled:\n          if (\n            // 0.13 to 15\n
renderRootCode.indexOf('nextElement') !== -1 ||\n            // 0.12\n
renderRootCode.indexOf('nextComponent') !== -1\n          ) {\n            // We can't be certain whether this is a
development build or not,\n            // but it is definitely unminified.\n            return 'unminified';\n          }
else {\n            // This is likely a minified development build.\n            return 'development';\n          }\n        }\n        // By now
we know that it's envified and dead code elimination worked,\n        // but what if it's still not minified? (Is this even
possible?)\n        // Let's check matches for the first argument name.\n        if (\n          // 0.13 to 15\n
renderRootCode.indexOf('nextElement') !== -1 ||\n          // 0.12\n
renderRootCode.indexOf('nextComponent')
!== -1\n        ) {\n          return 'unminified';\n        }\n        // Seems like we're using the production version.\n        //
However, the branch above is Stack-only so this is 15 or earlier.\n        return 'outdated';\n      }\n    } catch (err) {\n
// Weird environments may exist.\n        // This code needs a higher fault tolerance\n        // because it runs even with
closed DevTools.\n        // TODO: should we catch errors in all injected code, and not just this part?\n      }\n    }\n    return

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'production';\n }\n\n function checkDCE(fn: Function) {\n // This runs for production versions of React.\n // Needs to be super safe.\n try {\n const toString = Function.prototype.toString;\n const code =\n toString.call(fn);\n // This is a string embedded in the passed function under DEV-only\n // condition.\n However the function executes only in PROD. Therefore,\n // if we see it, dead code elimination did not work.\n if (code.indexOf('^_') > -1) {\n // Remember to report during next injection.\n hasDetectedBadDCE =\n true;\n // Bonus: throw an exception hoping that it gets picked up by a reporting system.\n // Not\n synchronously so that it doesn't break the calling code.\n setTimeout(function() {\n throw new Error(\n 'React is running in production mode, but dead code '\n +\n 'elimination has not been applied. Read how to\n correctly '\n +\n 'configure React for production: '\n +\n 'https://reactjs.org/link/perf-use-production-\n build',\n );\n });\n }\n } catch (err) {\n }\n }\n\n // NOTE: KEEP IN SYNC with src/backend/utils.js\n function format(\n maybeMessage: any,\n ...inputArgs: $ReadOnlyArray<any>): string {\n const args =\n inputArgs.slice();\n // Symbols cannot be concatenated with Strings.\n let formatted =\n String(maybeMessage);\n // If the first argument is a string, check for substitutions.\n if (typeof\n maybeMessage === 'string') {\n if (args.length) {\n const REGEXP = /(\\%?)(\\[\\jds])/g;\n formatted =\n formatted.replace(REGEXP, (match, escaped, ptn, flag) => {\n let arg = args.shift();\n switch (flag) {\n case 's':\n arg += ";\n break;\n case 'd':\n case 'i':\n arg = parseInt(arg,\n 10).toString();\n break;\n case 'f':\n arg = parseFloat(arg).toString();\n break;\n }\n if (!escaped) {\n return arg;\n }\n args.unshift(arg);\n return match;\n });\n }\n }\n\n // Arguments that remain after formatting.\n if (args.length) {\n for (let i = 0; i < args.length; i++)\n {\n formatted += ' ' + String(args[i]);\n }\n }\n\n // Update escaped %% values.\n formatted =\n formatted.replace(/%{2,2}/g, '%');\n return String(formatted);\n }\n\n let unpatchFn = null;\n\n // NOTE:\n KEEP IN SYNC with src/backend/console.js:patchForStrictMode\n // This function hides or dims console logs\n during the initial double render\n // in Strict Mode. We need this function because during initial render,\n // React\n and DevTools are connecting and the renderer interface isn't available\n // and we want to be able to have consistent\n logging behavior for double logs\n // during the initial render.\n function\n patchConsoleForInitialRenderInStrictMode({\n hideConsoleLogsInStrictMode,\n browserTheme,\n }): {\n hideConsoleLogsInStrictMode: boolean,\n browserTheme: BrowserTheme,\n }) {\n const\n overrideConsoleMethods = ['error', 'trace', 'warn', 'log'];\n\n if (unpatchFn !== null) {\n // Don't patch twice.\n return;\n }\n\n const originalConsoleMethods = {};\n unpatchFn = () => {\n for (const method in\n originalConsoleMethods) {\n try {\n // $FlowFixMe property error/warn is not writable.\n targetConsole[method] = originalConsoleMethods[method];\n } catch (error) {\n }\n }\n }\n\n overrideConsoleMethods.forEach(method => {\n try {\n const originalMethod =\n (originalConsoleMethods[method] = targetConsole[\n method\n ].__REACT_DEVTOOLS_STRICT_MODE_ORIGINAL_METHOD__\n ?\n targetConsole[method].__REACT_DEVTOOLS_STRICT_MODE_ORIGINAL_METHOD__\n :\n targetConsole[method]);\n\n const overrideMethod = (...args) => {\n if (!hideConsoleLogsInStrictMode)\n {\n // Dim the text color of the double logs if we're not\n // hiding them.\n let color;\n switch (method) {\n case 'warn':\n color =\n browserTheme === 'light'\n ?\n process.env.LIGHT_MODE_DIMMED_WARNING_COLOR\n :\n process.env.DARK_MODE_DIMMED_WARNING_COLOR;\n break;\n case 'error':\n color =\n browserTheme === 'light'\n ?\n process.env.LIGHT_MODE_DIMMED_ERROR_COLOR\n :\n process.env.DARK_MODE_DIMMED_ERROR_COLOR;\n break;\n case 'log':\n default:\n color =\n browserTheme === 'light'\n ?\n process.env.LIGHT_MODE_DIMMED_LOG_COLOR\n :\n process.env.DARK_MODE_DIMMED_LOG_COLOR;\n break;\n }\n\n if (color) {\n originalMethod(`%c${format(...args)}`, `color: ${color}`);\n } else {\n throw Error('Console color is\n not defined');\n }\n }\n }\n });\n }

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overrideMethod.__REACT_DEVTOOLS_STRICT_MODE_ORIGINAL_METHOD__ = originalMethod;\n
originalMethod.__REACT_DEVTOOLS_STRICT_MODE_OVERRIDE_METHOD__ = overrideMethod;\n
// $FlowFixMe property error|warn is not writable.\n    targetConsole[method] = overrideMethod;\n  } catch
(error) {\n  });\n }\n\n // NOTE: KEEP IN SYNC with src/backend/console.js:unpatchForStrictMode\n function
unpatchConsoleForInitialRenderInStrictMode() {\n  if (unpatchFn !== null) {\n    unpatchFn();\n    unpatchFn =
null;\n  }\n }\n\n let uidCounter = 0;\n function inject(renderer) {\n  const id = ++uidCounter;\n
renderers.set(id, renderer);\n\n  const reactBuildType = hasDetectedBadDCE\n    ? 'deadcode'\n    :
detectReactBuildType(renderer);\n  // Patching the console enables DevTools to do a few useful things:\n  // *
Append component stacks to warnings and error messages\n  // * Disabling or marking logs during a double render
in Strict Mode\n  // * Disable logging during re-renders to inspect hooks (see inspectHooksOffFiber)\n  //\n  // For
React Native, we intentionally patch early (during injection).\n  // This provides React Native developers with
components stacks even if they don't run DevTools.\n  //\n  // This won't work for DOM though, since this entire
file is eval'ed and inserted as a script tag.\n  // In that case, we'll only patch parts of the console that are
needed during the first render\n  // and patch everything else later (when the frontend attaches).\n  //\n  // Don't
patch in test environments because we don't want to interfere with Jest's own console overrides.\n  //\n  // Note
that because this function is inlined, this conditional check must only use static booleans.\n  // Otherwise the
extension will throw with an undefined error.\n  // (See comments in the try/catch below for more context on inlining.)\n  if
(!__TEST__ && !__EXTENSION__) {\n    try {\n      const appendComponentStack =\n
window.__REACT_DEVTOOLS_APPEND_COMPONENT_STACK__ !== false;\n      const
breakOnConsoleErrors =\n        window.__REACT_DEVTOOLS_BREAK_ON_CONSOLE_ERRORS__ ===
true;\n      const showInlineWarningsAndErrors =\n
window.__REACT_DEVTOOLS_SHOW_INLINE_WARNINGS_AND_ERRORS__ !== false;\n      const
hideConsoleLogsInStrictMode =\n
window.__REACT_DEVTOOLS_HIDE_CONSOLE_LOGS_IN_STRICT_MODE__ === true;\n      const
browserTheme = window.__REACT_DEVTOOLS_BROWSER_THEME__;\n\n      // The installHook() function
is injected by being stringified in the browser,\n      // so imports outside of this function do not get included.\n
//\n      // Normally we could check \"typeof patchConsole === 'function'\",\n      // but Webpack wraps imports
with an object (e.g. _backend_console__WEBPACK_IMPORTED_MODULE_0__)\n      // and the object itself
will be undefined as well for the reasons mentioned above,\n      // so we use try/catch instead.\n
registerRendererWithConsole(renderer);\n      patchConsole({\n        appendComponentStack,\n
breakOnConsoleErrors,\n        showInlineWarningsAndErrors,\n        hideConsoleLogsInStrictMode,\n
browserTheme,\n      });\n    } catch (error) {\n    }\n\n    // If we have just reloaded to profile, we need to inject
the renderer interface before the app loads.\n    // Otherwise the renderer won't yet exist and we can skip this step.\n
const attach = target.__REACT_DEVTOOLS_ATTACH__;\n    if (typeof attach === 'function') {\n      const
rendererInterface = attach(hook, id, renderer, target);\n      hook.rendererInterfaces.set(id, rendererInterface);\n
}\n\n    hook.emit('renderer', {\n      id,\n      renderer,\n      reactBuildType,\n    });\n\n    return id;\n  }\n\n  let
hasDetectedBadDCE = false;\n  function sub(event, fn) {\n    hook.on(event, fn);\n    return () => hook.off(event,
fn);\n  }\n\n  function on(event, fn) {\n    if (!listeners[event]) {\n      listeners[event] = [];\n    }\n
listeners[event].push(fn);\n  }\n\n  function off(event, fn) {\n    if (!listeners[event]) {\n      return;\n    }\n
const index = listeners[event].indexOf(fn);\n    if (index !== -1) {\n      listeners[event].splice(index, 1);\n    }\n
if (!listeners[event].length) {\n      delete listeners[event];\n    }\n  }\n\n  function emit(event, data) {\n    if
(listeners[event]) {\n      listeners[event].map(fn => fn(data));\n    }\n  }\n\n  function getFiberRoots(rendererID) {\n
const roots = fiberRoots;\n    if (!roots[rendererID]) {\n      roots[rendererID] = new Set();\n    }\n    return
roots[rendererID];\n  }\n\n  function onCommitFiberUnmount(rendererID, fiber) {\n    const rendererInterface =
rendererInterfaces.get(rendererID);\n    if (rendererInterface !== null) {\n
rendererInterface.handleCommitFiberUnmount(fiber);\n    }\n  }\n\n  function onCommitFiberRoot(rendererID,
root, priorityLevel) {\n    const mountedRoots = hook.getFiberRoots(rendererID);\n    const current = root.current;\n
const isKnownRoot = mountedRoots.has(root);\n    const isUnmounting =\n      current.memoizedState == null ||

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current.memoizedState.element == null;\n\n // Keep track of mounted roots so we can hydrate when DevTools
connect.\n if (!isKnownRoot && !isUnmounting) {\n  mountedRoots.add(root);\n } else if (isKnownRoot &&
isUnmounting) {\n  mountedRoots.delete(root);\n }\n const rendererInterface =
rendererInterfaces.get(rendererID);\n if (rendererInterface !== null) {\n
rendererInterface.handleCommitFiberRoot(root, priorityLevel);\n }\n }\n\n function
onPostCommitFiberRoot(rendererID, root) {\n  const rendererInterface = rendererInterfaces.get(rendererID);\n  if
(rendererInterface !== null) {\n    rendererInterface.handlePostCommitFiberRoot(root);\n  }\n }\n\n function
setStrictMode(rendererID, isStrictMode) {\n  const rendererInterface = rendererInterfaces.get(rendererID);\n  if
(rendererInterface !== null) {\n    if (isStrictMode) {\n      rendererInterface.patchConsoleForStrictMode();\n    }
else {\n      rendererInterface.unpatchConsoleForStrictMode();\n    }\n  } else {\n    // This should only happen
during initial render in the extension before DevTools\n    // finishes its handshake with the injected renderer\n
if (isStrictMode) {\n      const hideConsoleLogsInStrictMode =\n
window.__REACT_DEVTOOLS_HIDE_CONSOLE_LOGS_IN_STRICT_MODE__ === true;\n      const
browserTheme = window.__REACT_DEVTOOLS_BROWSER_THEME__;\n\n
patchConsoleForInitialRenderInStrictMode({\n      hideConsoleLogsInStrictMode,\n      browserTheme,\n
});\n    } else {\n      unpatchConsoleForInitialRenderInStrictMode();\n    }\n  }\n }\n\n type StackFrameString
= string;\n\n const openModuleRangesStack: Array<StackFrameString> = [];\n const moduleRanges:
Array<[StackFrameString, StackFrameString]> = [];\n\n function getTopStackFrameString(error: Error):
StackFrameString | null {\n  const frames = error.stack.split('\n');\n  const frame = frames.length > 1 ? frames[1] :
null;\n  return frame;\n }\n\n function getInternalModuleRanges(): Array<\n  [StackFrameString,
StackFrameString],\n > {\n  return moduleRanges;\n }\n\n function registerInternalModuleStart(error: Error) {\n
const startStackFrame = getTopStackFrameString(error);\n  if (startStackFrame !== null) {\n
openModuleRangesStack.push(startStackFrame);\n  }\n }\n\n function registerInternalModuleStop(error: Error)
{\n  if (openModuleRangesStack.length > 0) {\n    const startStackFrame = openModuleRangesStack.pop();\n
const stopStackFrame = getTopStackFrameString(error);\n    if (stopStackFrame !== null) {\n
moduleRanges.push([startStackFrame, stopStackFrame]);\n    }\n  }\n }\n\n // TODO: More meaningful names
for \"rendererInterfaces\" and \"renderers\".\n const fiberRoots = {};\n const rendererInterfaces = new Map();\n
const listeners = {};\n const renderers = new Map();\n\n const hook: DevToolsHook = {\n  rendererInterfaces,\n
listeners,\n\n // Fast Refresh for web relies on this.\n  renderers,\n\n emit,\n  getFiberRoots,\n  inject,\n
on,\n  off,\n  sub,\n\n // This is a legacy flag.\n  // React v16 checks the hook for this to ensure DevTools is
new enough.\n  supportsFiber: true,\n\n // React calls these methods.\n  checkDCE,\n
onCommitFiberUnmount,\n  onCommitFiberRoot,\n  onPostCommitFiberRoot,\n  setStrictMode,\n\n //
Schedule Profiler runtime helpers.\n  // These internal React modules to report their own boundaries\n  // which in
turn enables the profiler to dim or filter internal frames.\n  getInternalModuleRanges,\n
registerInternalModuleStart,\n  registerInternalModuleStop,\n  };\n\n if (__TEST__) {\n
hook.dangerous_setTargetConsoleForTesting = dangerous_setTargetConsoleForTesting;\n }\n\n
Object.defineProperty(\n  target,\n  '__REACT_DEVTOOLS_GLOBAL_HOOK__',\n  ({\n    // This property
needs to be configurable for the test environment,\n    // else we won't be able to delete and recreate it between
tests.\n    configurable: __DEV__,\n    enumerable: false,\n    get() {\n      return hook;\n    },\n  }): Object),\n
);\n\n return hook;\n }\n\n", "/*\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed
under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow\n
*/\n\nimport {createElement} from 'react';\nimport {\n  // $FlowFixMe Flow does not yet know about flushSync()\n
flushSync,\n  // $FlowFixMe Flow does not yet know about createRoot()\n  createRoot,\n} from 'react-
dom';\nimport Bridge from 'react-devtools-shared/src/bridge';\nimport Store from 'react-devtools-
shared/src/devtools/store';\nimport {\n  getAppendComponentStack,\n  getBreakOnConsoleErrors,\n
getSavedComponentFilters,\n  getShowInlineWarningsAndErrors,\n  getHideConsoleLogsInStrictMode,\n} from
'react-devtools-shared/src/utils';\nimport {registerDevToolsEventLogger} from 'react-devtools-
shared/src/registerDevToolsEventLogger';\nimport {Server} from 'ws';\nimport {join} from 'path';\nimport

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{readFileSync} from 'fs';\nimport {installHook} from 'react-devtools-shared/src/hook';\nimport DevTools from
'react-devtools-shared/src/devtools/views/DevTools';\nimport {doesFilePathExist, launchEditor} from
'./editor';\nimport {\n  __DEBUG__,\n  LOCAL_STORAGE_DEFAULT_TAB_KEY,\n} from 'react-devtools-
shared/src/constants';\nimport {localStorageSetItem} from '../react-devtools-shared/src/storage';\n\nimport type
{FrontendBridge} from 'react-devtools-shared/src/bridge';\nimport type {InspectedElement} from 'react-devtools-
shared/src/devtools/views/Components/types';\n\ninstallHook(window);\n\nexport type StatusTypes = 'server-
connected' | 'devtools-connected' | 'error';\nexport type StatusListener = (message: string, status: StatusTypes) =>
void;\nexport type OnDisconnectedCallback = () => void;\n\nlet node: HTMLElement = ((null: any):
HTMLElement);\nlet nodeWaitingToConnectHTML: string = "";\nlet projectRoots: Array<string> = [];\nlet
statusListener: StatusListener = (\n  message: string,\n  status?: StatusTypes,\n) => {};\nlet disconnectedCallback:
OnDisconnectedCallback = () => {};\n\n// TODO (Webpack 5) Hopefully we can remove this prop after the
Webpack 5 migration.\nfunction hookNamesModuleLoaderFunction() {\n  return import(\n    /*
webpackChunkName: 'parseHookNames' */ 'react-devtools-shared/src/hooks/parseHookNames'\n  );\n}\n\nfunction
setContentDOMNode(value: HTMLElement) {\n  node = value;\n\n  // Save so we can restore the exact waiting
message between sessions.\n  nodeWaitingToConnectHTML = node.innerHTML;\n\n  return
DevtoolsUI;\n}\n\nfunction setProjectRoots(value: Array<string>) {\n  projectRoots = value;\n}\n\nfunction
setStatusListener(value: StatusListener) {\n  statusListener = value;\n  return DevtoolsUI;\n}\n\nfunction
setDisconnectedCallback(value: OnDisconnectedCallback) {\n  disconnectedCallback = value;\n  return
DevtoolsUI;\n}\n\nlet bridge: FrontendBridge | null = null;\nlet store: Store | null = null;\nlet root = null;\n\nconst
log = (...args) => console.log('[React DevTools]', ...args);\nlog.warn = (...args) => console.warn('[React DevTools]',
...args);\nlog.error = (...args) => console.error('[React DevTools]', ...args);\n\nfunction debug(methodName: string,
...args) {\n  if (__DEBUG__) {\n    console.log(\n      `%c[core/standalone] %c${methodName}`, \n      'color: teal;
font-weight: bold;', \n      'font-weight: bold;', \n      ...args,\n    );\n  }\n}\n\nfunction safeUnmount() {\n  flushSync(()
=> {\n    if (root !== null) {\n      root.unmount();\n    }\n  });\n  root = null;\n}\n\nfunction reload() {\n
safeUnmount();\n\n  node.innerHTML = "";\n\n  setTimeout(() => {\n    root = createRoot(node);\n    root.render(\n
createElement(DevTools, {\n      bridge: ((bridge: any): FrontendBridge),\n
      canViewElementSourceFunction,\n      hookNamesModuleLoaderFunction,\n      showTabBar: true,\n      store:
((store: any): Store),\n      warnIfLegacyBackendDetected: true,\n      viewElementSourceFunction,\n    })),\n
100);\n}\n\nfunction canViewElementSourceFunction(\n  inspectedElement: InspectedElement,\n): boolean
{\n  if (\n    inspectedElement.canViewSource === false ||\n    inspectedElement.source === null\n  ) {\n    return
false;\n  }\n\n  const {source} = inspectedElement;\n\n  return doesFilePathExist(source.fileName,
projectRoots);\n}\n\nfunction viewElementSourceFunction(\n  id: number,\n  inspectedElement:
InspectedElement,\n): void {\n  const {source} = inspectedElement;\n  if (source !== null) {\n
launchEditor(source.fileName, source.lineNumber, projectRoots);\n  } else {\n    log.error('Cannot inspect element',
id);\n  }\n}\n\nfunction onDisconnected() {\n  safeUnmount();\n\n  node.innerHTML =
nodeWaitingToConnectHTML;\n\n  disconnectedCallback();\n}\n\nfunction onError({code, message}) {\n
safeUnmount();\n\n  if (code === 'EADDRINUSE') {\n    node.innerHTML = `\n    <div class="box">\n    <div
class="box-header">\n      Another instance of DevTools is running.\n    </div>\n    <div class="box-
content">\n      Only one copy of DevTools can be used at a time.\n    </div>\n    </div>\n    `;\n  } else {\n
node.innerHTML = `\n    <div class="box">\n    <div class="box-header">\n      Unknown error\n
</div>\n    <div class="box-content">\n      ${message}\n    </div>\n    </div>\n    `;\n  }\n}\n\nfunction
openProfiler() {\n  // Mocked up bridge and store to allow the DevTools to be rendered\n  bridge = new
Bridge({listen: () => {}, send: () => {}});\n  store = new Store(bridge, {});\n\n  // Ensure the Profiler tab is shown
initially.\n  localStorageSetItem(\n    LOCAL_STORAGE_DEFAULT_TAB_KEY,\n    JSON.stringify('profiler'),\n
);\n\n  reload();\n}\n\nfunction initialize(socket: WebSocket) {\n  const listeners = [];\n  socket.onmessage = event
=> {\n    let data;\n    try {\n      if (typeof event.data === 'string') {\n        data = JSON.parse(event.data);\n\n        if
(__DEBUG__) {\n          debug('WebSocket.onmessage', data);\n        }\n      } else {\n        throw Error();\n      }\n    }
catch (e) {\n      log.error('Failed to parse JSON', event.data);\n      return;\n    }\n    listeners.forEach(fn => {\n

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try {\n  fn(data);\n } catch (error) {\n  log.error('Error calling listener', data);\n  throw error;\n }\n});\n};\n\nbridge = new Bridge({\n  listen(fn) {\n    listeners.push(fn);\n    return () => {\n      const index =\n      listeners.indexOf(fn);\n      if (index >= 0) {\n        listeners.splice(index, 1);\n      }\n    },\n  },\n  send(event:\n  string, payload: any, transferable?: Array<any>) {\n    if (socket.readyState === socket.OPEN) {\n      socket.send(JSON.stringify({event, payload}));\n    }\n  },\n});\n((bridge: any):\nFrontendBridge).addListener('shutdown', () => {\n  socket.close();\n});\n\nstore = new Store(bridge, {\n  checkBridgeProtocolCompatibility: true,\n  supportsNativeInspection: false,\n});\n\nlog('Connected');\nstatusListener('DevTools initialized.', 'devtools-connected');\nreload();\n\nlet startServerTimeoutID: TimeoutID\n| null = null;\n\nfunction connectToSocket(socket: WebSocket) {\n  socket.onerror = err => {\n    onDisconnected();\n    log.error('Error with websocket connection', err);\n  };\n  socket.onclose = () => {\n    onDisconnected();\n    log('Connection to RN closed');\n  };\n  initialize(socket);\n\n  return {\n    close: function()\n    {\n      onDisconnected();\n    },\n  };\n}\n\ntype ServerOptions = {\n  key?: string,\n  cert?: string,\n};\n\ntype\nLoggerOptions = {\n  surface?: ?string,\n};\n\nfunction startServer(\n  port?: number = 8097,\n  host?: string =\n  'localhost',\n  httpsOptions?: ServerOptions,\n  loggerOptions?: LoggerOptions,\n) {\n  registerDevToolsEventLogger(loggerOptions?.surface ?? 'standalone');\n\n  const useHttps = !!httpsOptions;\n  const httpServer = useHttps\n    ? require('https').createServer(httpsOptions)\n    : require('http').createServer();\n\n  const server = new Server({server: httpServer});\n  let connected: WebSocket | null = null;\n  server.on('connection',\n(socket: WebSocket) => {\n    if (connected !== null) {\n      connected.close();\n      log.warn(\n        'Only one\n        connection allowed at a time.',\n        'Closing the previous connection',\n      );\n    }\n    connected = socket;\n\n    socket.onerror = error => {\n      connected = null;\n      onDisconnected();\n      log.error('Error with websocket\n      connection', error);\n    };\n    socket.onclose = () => {\n      connected = null;\n      onDisconnected();\n      log('Connection to RN closed');\n    };\n    initialize(socket);\n  });\n\n  server.on('error', event => {\n    onError(event);\n    log.error('Failed to start the DevTools server', event);\n    startServerTimeoutID = setTimeout(()\n=> startServer(port), 1000);\n  });\n\n  httpServer.on('request', (request, response) => {\n    // Serve a file that\n    immediately sets up the connection.\n    const backendFile = readFileSync(join(__dirname, 'backend.js'));\n\n    //\n    The renderer interface doesn't read saved component filters directly,\n    // because they are generally stored in\n    localStorage within the context of the extension.\n    // Because of this it relies on the extension to pass filters, so\n    include them wth the response here.\n    // This will ensure that saved filters are shared across different web pages.\n\n    const savedPreferencesString = `\n      window.__REACT_DEVTOOLS_APPEND_COMPONENT_STACK__ =\n      ${JSON.stringify(\n        getAppendComponentStack(),\n      )};\n\n      window.__REACT_DEVTOOLS_BREAK_ON_CONSOLE_ERRORS__ =\n      ${JSON.stringify(\n        getBreakOnConsoleErrors(),\n      )};\n\n      window.__REACT_DEVTOOLS_COMPONENT_FILTERS__ =\n      ${JSON.stringify(\n        getSavedComponentFilters(),\n      )};\n\n      window.__REACT_DEVTOOLS_SHOW_INLINE_WARNINGS_AND_ERRORS__ =\n      ${JSON.stringify(\n        getShowInlineWarningsAndErrors(),\n      )};\n\n      window.__REACT_DEVTOOLS_HIDE_CONSOLE_LOGS_IN_STRICT_MODE__ =\n      ${JSON.stringify(\n        getHideConsoleLogsInStrictMode(),\n      )};`;\n\n    response.end(\n      savedPreferencesString +\n      '\n';\n      +\n      backendFile.toString() +\n      '\n';\n      +\n      `ReactDevToolsBackend.connectToDevTools({port: ${port}, host:\n      '${host}', useHttps: ${\n        useHttps ? 'true' : 'false'\n      }});`;\n    );\n\n    httpServer.on('error', event =>\n    {\n      onError(event);\n      statusListener('Failed to start the server.', 'error');\n      startServerTimeoutID =\n      setTimeout(() => startServer(port), 1000);\n    });\n\n    httpServer.listen(port, () => {\n      statusListener(\n        'The\n        server is listening on the port ' + port + '.',\n        'server-connected',\n      );\n    });\n\n    return {\n      close: function()\n      {\n        connected = null;\n        onDisconnected();\n        if (startServerTimeoutID !== null) {\n          clearTimeout(startServerTimeoutID);\n        }\n        server.close();\n        httpServer.close();\n      },\n    };\n  }\n}\n\nconst\nDevtoolsUI = {\n  connectToSocket,\n  setContentDOMNode,\n  setProjectRoots,\n  setStatusListener,\n  setDisconnectedCallback,\n  startServer,\n  openProfiler,\n};\n\nexport default DevtoolsUI;\n"],"sourceRoot":""}

```

Found in path(s):

* /opt/cola/permits/1287718422_1647270843.85/0/react-devtools-core-4-23-0-tgz/package/dist/standalone.js.map
No license file was found, but licenses were detected in source scan.

```
{"version":3,"sources":["webpack://[name]/webpack/bootstrap","webpack://[name]/../react-devtools-  
shared/node_modules/@babel/types/lib/index.js","webpack://[name]/Users/bvaughn/Documents/git/react.devtools/  
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,"babel7CompatTokens","isLetKeyword","startsWithLet","startsWithUnescapedName","isForOf","missingPlugins",
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allowInsideFunction","isStatementOrBlock","referencesImport","moduleSource","importName","getSource","getCo
de","willIMaybeExecuteBefore","funcParent","getOuterFunction","_guessExecutionStatusRelativeToDifferentFunc
tions","commonPath","commonIndex","isExecutionUncertainInList","divergence","keyPosition","allStatus","execut
ionOrderCheckedNodes","dangerous","_resolve","targetKey","targetName","isConstantExpression","isInStrictMod
e","isExecutionUncertain","maxIndex","_call","then","isBlacklisted","isDenylist","_this\$opts\$denylist","blacklist
","shouldSkip","shouldStop","skipKey","setContext","_resyncParent","_resyncList","_resyncKey","setKey","newC
ontainer","_resyncRemoved","_markRemoved","_this\$node","pathToQueue","_getQueueContexts","_this\$opts","_
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hs","mutableBinding","scopes","attachAfter","isCompatibleScope","getCompatibleScopes","getAttachmentPath","_
getAttachmentPath","targetScope","getAttachmentParentForPath","violationPath","hasOwnParamBindings","getNe
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AKtB,MAAO,EA JW,EA ARk/E,GAA auU,EA AQ,KACpBvU,GA AS,EA AK,GA AKuU,EA AQ,KAC3BvU,GA AS,E
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AAa,EAkJB,GPjPC,WACL,GAAqC,OAAjCrC,EACF,IACEgF,MACAhF,GAA+B,EAC/B,MAAOlhI,GACQmmI,
IAAiB57H,MAAMvK,GACT,GACIo2E,aACdgwD,mCACjBIF,GAA+B,GAKrC,OAAwC,IAAjCA,EOKOCmF,IA

AwD, OAAAtB9B, EAIpCzE, EAA6BlhD, EAC7BihD, EAA2BzpD, EAE3BwpD, EAAqBqG, EAGrBf, EAAoBM, EAAsBK, qBACrC, CACL, MAAM, OACJ/rH, EADI, KAEJF, EAFI, cAGJ4zF, EAHI, UIAJ9iG, GACE65H, EAAkBpzD, oBA AoB, CACxCyN, eACAxI, eAGF0pD, EAA6BhmH, EAC7B+IH, EAA2BjmH, EAC3BgmH, EAAqBpyB, EACrB03B, EAAoBx6H, EAqBtB, GAIBAk7H, EAAmBhG, mBAAqBA, EACxCgG, EAAmBV, kBAAoBA, EACvCU, EAAmB/F, yBAA2BA, EAC9C+F, EAAmB9F, 2BAA6BA, EAG1B, MAAPB4F, GACAA, EAAiBnC, WAAW2B, KAE5B3B, GAAa, GASXA, EASF, cAWF, MAAM+C, EAAiBrB, EAA2BpzK, IAAIqzK, GACTD, GAAsB, MAAIBoB, EAQFV, EAAmBjG, kBAAoB2G, EAAe3G, kBACtDiG, EAAmBhG, mBACjB0G, EAAe1G, wBAEjB, IAGE, MAAM3hG, EACJ2hG, EAAmBthI, QAAQ, SAAW, EAAI, OAAS, aAK/CqhI, EAAoBzB, EACxB, EACA, IACE3zH, gBAAMq1H, EAAoB, CACx BhuJ, WAAY, cACZmsD, QAAS, CAAC, MAAOE, MAGvB2nG, EAAmBjG, kBAAoBA, EAQvCsF, EAA2B7pI, IA AI8pI, EAAmB, CACHDvF, oBACAC, uBAEF, MAAO5/H, GACP, MAAM, IAAI3D, MACP, gCAA+B6oI, wBACXIII, MArQ3BumI, CACEIB, EACAE, IAIGrH, EAAyB, EAAmB, IAMvD, SACEkH, EACAG, GAEA, MAAMpiI, EAAiB, IAAIqK, IAmE3B, OAJEA43H, EAAUjiI, IAAI47H, IAEZ, MAAMiH, EAAejH, EAAKiH, WAE1B, IADiBA, EAAWrnD, SAE1B, OAAO, KAGT, MAAM8mD, EAActE, EAAyB6E, GACvCJ, EAAqBL, EAAgC1zK, IAAI4zK, GAC/D, IAA KG, EACH, OAAO, KAGT, MAAM, WAACxvD, EAAD, aAAawI, GAAgBonD, EACnC, IAAK5vD, IAAewI, EACIB, OAAO, KAGT, MAAM, kBACJsmD, EADI, 2BAEJpF, EAFI, yBAGJD, GACE+F, EAEJ, GAC8B, MAA5B/F, GAC8B, MAA9BC, GACqB, MAArBoF, EAEA, OAAO, KAGT, IAAI3zK, EACJ, MAAM, iBAACm0K, GAAoBE, EACH, MAAPBF, IACFn0K, EAAO2sK, EAAyB, EAAkC, IACHEwH, EAAiBrC, YAAY, CAC3BzpH, KAAMimH, EACN/IH, OAAQ gmH, EACRzrJ, OAAQ6wJ, MAKf, MAAR3zK, IACFA, EAAO2sK, EAAyB, EAAiB, IAC/CwB, EACEX, EACA6G, EAAmBjG, kBACjBiG, EAAmBhG, mBACnBC, EACFC, KASN, MAAMvtK, EAAM4uK, EAAyB6E, GACrC7iI, EAAI /H, IAAI7oC, EAAKhB, KAGR4xC, EA5EHqjI, CAACpB, EAAWG, OCxGIBkB, EDsaN, WACLxB, EAA2BhjE, QAC3 B8iE, EAAO9iE, S", "file": "parseSourceAndMetadata.worker.worker.js", "sourcesContent": [" \t// The module cache\n \tvar installedModules = {};\n \t// The require function\n \tfunction __webpack_require__(moduleId) {\n \n \t\t// Check if module is in cache\n \t\tif(installedModules[moduleId]) {\n \t\t\treturn installedModules[moduleId].exports;\n \t\t}\n \t\t// Create a new module (and put it into the cache)\n \t\tvar module = installedModules[moduleId] = {\n \t\t\tti: moduleId,\n \t\t\ttl: false,\n \t\t\ttexports: {} \n \t\t};\n \t\t// Execute the module function\n \t\tmodules[moduleId].call(module.exports, module, module.exports, __webpack_require__);\n \t\t// Flag the module as loaded\n \t\tmodule.l = true;\n \t\t// Return the exports of the module\n \t\treturn module.exports;\n \t}\n \n \t// expose the modules object (__webpack_modules__)\n \t__webpack_require__.m = modules;\n \n \t// expose the module cache\n \t__webpack_require__.c = installedModules;\n \n \t// define getter function for harmony exports\n \t__webpack_require__.d = function(exports, name, getter) {\n \n \t\tif(!__webpack_require__.o(exports, name)) {\n \t\t\tObject.defineProperty(exports, name, { enumerable: true, get: getter });\n \t\t}\n \n \t\t// define __esModule on exports\n \t\t__webpack_require__.r = function(exports) {\n \n \t\t\tif(typeof Symbol !== 'undefined' && Symbol.toStringTag) {\n \t\t\t\tObject.defineProperty(exports, Symbol.toStringTag, { value: 'Module' });\n \t\t\t}\n \t\t\tObject.defineProperty(exports, '__esModule', { value: true });\n \t\t}\n \n \t\t// create a fake namespace object\n \t\t// mode & 1: value is a module id, require it\n \t\t// mode & 2: merge all properties of value into the ns\n \t\t// mode & 4: return value when already ns object\n \t\t// mode & 8|1: behave like require\n \t\t__webpack_require__.t = function(value, mode) {\n \n \t\t\tif(mode & 1) value = __webpack_require__(value);\n \t\t\tif(mode & 8) return value;\n \t\t\tif((mode & 4) && typeof value === 'object' && value && value.__esModule) return value;\n \t\t\tvar ns = Object.create(null);\n \t\t\t__webpack_require__.r(ns);\n \t\t\tObject.defineProperty(ns, 'default', { enumerable: true, value: value });\n \t\t\tif(mode & 2 && typeof value !== 'string')\n \t\t\t\tfor(var key in value) __webpack_require__.d(ns, key, function(key) { return value[key]; }).bind(null, key);\n \t\t\treturn ns;\n \t\t};\n \n \t\t// getDefaultExport function for compatibility with non-harmony modules\n \t\t__webpack_require__.n = function(module) {\n \n \t\t\tvar getter = module && module.__esModule ?\n \t\t\t\tfunction getDefault() { return module['default']; } :\n \t\t\t\tfunction getDefaultExports() { return module; }\n \n \t\t\t__webpack_require__.d(getter, 'a', getter);\n \t\t\treturn getter;\n \t\t};\n \n \t\tObject.prototype.hasOwnProperty.call\n \t\t__webpack_require__.o = function(object, property) {\n \n \t\t\treturn Object.prototype.hasOwnProperty.call(object, property);\n \t\t};\n \n \t\t// __webpack_public_path__\n \t\t__webpack_require__.p = "";\n \n \t\t// Load entry module and return exports\n \t\treturn

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__webpack_require__(__webpack_require__.s = 375);\n", "\"use strict\";\n\nObject.defineProperty(exports,
\"__esModule\", {\n  value: true\n});\nvar _exportNames = {\n  react: true,\n  assertNode: true,\n  createTypeAnnotationBasedOnTypeof: true,\n  createUnionTypeAnnotation: true,\n  createFlowUnionType: true,\n  createTSUnionType: true,\n  cloneNode: true,\n  clone: true,\n  cloneDeep: true,\n  cloneDeepWithoutLoc: true,\n  cloneWithoutLoc: true,\n  addComment: true,\n  addComments: true,\n  inheritInnerComments: true,\n  inheritLeadingComments: true,\n  inheritsComments: true,\n  inheritTrailingComments: true,\n  removeComments:
true,\n  ensureBlock: true,\n  toBindingIdentifierName: true,\n  toBlock: true,\n  toComputedKey: true,\n  toExpression: true,\n  toIdentifier: true,\n  toKeyAlias: true,\n  toSequenceExpression: true,\n  toStatement: true,\n  valueToNode: true,\n  appendToMemberExpression: true,\n  inherits: true,\n  prependToMemberExpression: true,\n  removeProperties: true,\n  removePropertiesDeep: true,\n  removeTypeDuplicates: true,\n  getBindingIdentifiers:
true,\n  getOuterBindingIdentifiers: true,\n  traverse: true,\n  traverseFast: true,\n  shallowEqual: true,\n  is: true,\n  isBinding: true,\n  isBlockScoped: true,\n  isImmutable: true,\n  isLet: true,\n  isNode: true,\n  isNodesEquivalent:
true,\n  isPlaceholderType: true,\n  isReferenced: true,\n  isScope: true,\n  isSpecifierDefault: true,\n  isType: true,\n  isValidES3Identifier: true,\n  isValidIdentifier: true,\n  isVar: true,\n  matchesPattern: true,\n  validate: true,\n  buildMatchMemberExpression: true\n};\nObject.defineProperty(exports, \"assertNode\", {\n  enumerable: true,\n  get: function () {\n    return _assertNode.default;\n  }\n});\nObject.defineProperty(exports,
\"createTypeAnnotationBasedOnTypeof\", {\n  enumerable: true,\n  get: function () {\n    return
_createTypeAnnotationBasedOnTypeof.default;\n  }\n});\nObject.defineProperty(exports,
\"createUnionTypeAnnotation\", {\n  enumerable: true,\n  get: function () {\n    return
_createFlowUnionType.default;\n  }\n});\nObject.defineProperty(exports, \"createFlowUnionType\", {\n
enumerable: true,\n  get: function () {\n    return _createFlowUnionType.default;\n
  }\n});\nObject.defineProperty(exports, \"createTSUnionType\", {\n  enumerable: true,\n  get: function () {\n    return
_createTSUnionType.default;\n  }\n});\nObject.defineProperty(exports, \"cloneNode\", {\n  enumerable: true,\n  get:
function () {\n    return _cloneNode.default;\n  }\n});\nObject.defineProperty(exports, \"clone\", {\n  enumerable:
true,\n  get: function () {\n    return _clone.default;\n  }\n});\nObject.defineProperty(exports, \"cloneDeep\", {\n
enumerable: true,\n  get: function () {\n    return _cloneDeep.default;\n  }\n});\nObject.defineProperty(exports,
\"cloneDeepWithoutLoc\", {\n  enumerable: true,\n  get: function () {\n    return _cloneDeepWithoutLoc.default;\n
  }\n});\nObject.defineProperty(exports, \"cloneWithoutLoc\", {\n  enumerable: true,\n  get: function () {\n    return
_cloneWithoutLoc.default;\n  }\n});\nObject.defineProperty(exports, \"addComment\", {\n  enumerable: true,\n  get:
function () {\n    return _addComment.default;\n  }\n});\nObject.defineProperty(exports, \"addComments\", {\n
enumerable: true,\n  get: function () {\n    return _addComments.default;\n  }\n});\nObject.defineProperty(exports,
\"inheritInnerComments\", {\n  enumerable: true,\n  get: function () {\n    return _inheritInnerComments.default;\n
  }\n});\nObject.defineProperty(exports, \"inheritLeadingComments\", {\n  enumerable: true,\n  get: function () {\n
return _inheritLeadingComments.default;\n  }\n});\nObject.defineProperty(exports, \"inheritsComments\", {\n
enumerable: true,\n  get: function () {\n    return _inheritsComments.default;\n
  }\n});\nObject.defineProperty(exports, \"inheritTrailingComments\", {\n  enumerable: true,\n  get: function () {\n
return _inheritTrailingComments.default;\n  }\n});\nObject.defineProperty(exports, \"removeComments\", {\n
enumerable: true,\n  get: function () {\n    return _removeComments.default;\n
  }\n});\nObject.defineProperty(exports, \"ensureBlock\", {\n  enumerable: true,\n  get: function () {\n    return
_ensureBlock.default;\n  }\n});\nObject.defineProperty(exports, \"toBindingIdentifierName\", {\n  enumerable:
true,\n  get: function () {\n    return _toBindingIdentifierName.default;\n  }\n});\nObject.defineProperty(exports,
\"toBlock\", {\n  enumerable: true,\n  get: function () {\n    return _toBlock.default;\n
  }\n});\nObject.defineProperty(exports, \"toComputedKey\", {\n  enumerable: true,\n  get: function () {\n    return
_toComputedKey.default;\n  }\n});\nObject.defineProperty(exports, \"toExpression\", {\n  enumerable: true,\n  get:
function () {\n    return _toExpression.default;\n  }\n});\nObject.defineProperty(exports, \"toIdentifier\", {\n
enumerable: true,\n  get: function () {\n    return _toIdentifier.default;\n  }\n});\nObject.defineProperty(exports,
\"toKeyAlias\", {\n  enumerable: true,\n  get: function () {\n    return _toKeyAlias.default;\n
  }\n});\nObject.defineProperty(exports, \"toSequenceExpression\", {\n  enumerable: true,\n  get: function () {\n

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return _toSequenceExpression.default;\n }\\n});\\nObject.defineProperty(exports, \\ntoStatement\\", {\\n enumerable:
true,\\n get: function () {\\n return _toStatement.default;\\n }\\n});\\nObject.defineProperty(exports,
\\nvalueToNode\\", {\\n enumerable: true,\\n get: function () {\\n return _valueToNode.default;\\n
}\\n});\\nObject.defineProperty(exports, \\nappendToMemberExpression\\", {\\n enumerable: true,\\n get: function ()
{\\n return _appendToMemberExpression.default;\\n }\\n});\\nObject.defineProperty(exports, \\ninherits\\", {\\n
enumerable: true,\\n get: function () {\\n return _inherits.default;\\n }\\n});\\nObject.defineProperty(exports,
\\nprependToMemberExpression\\", {\\n enumerable: true,\\n get: function () {\\n return
_prependToMemberExpression.default;\\n }\\n});\\nObject.defineProperty(exports, \\nremoveProperties\\", {\\n
enumerable: true,\\n get: function () {\\n return _removeProperties.default;\\n
}\\n});\\nObject.defineProperty(exports, \\nremovePropertiesDeep\\", {\\n enumerable: true,\\n get: function () {\\n
return _removePropertiesDeep.default;\\n }\\n});\\nObject.defineProperty(exports, \\nremoveTypeDuplicates\\", {\\n
enumerable: true,\\n get: function () {\\n return _removeTypeDuplicates.default;\\n
}\\n});\\nObject.defineProperty(exports, \\ngetBindingIdentifiers\\", {\\n enumerable: true,\\n get: function () {\\n
return _getBindingIdentifiers.default;\\n }\\n});\\nObject.defineProperty(exports, \\ngetOuterBindingIdentifiers\\", {\\n
enumerable: true,\\n get: function () {\\n return _getOuterBindingIdentifiers.default;\\n
}\\n});\\nObject.defineProperty(exports, \\ntraverse\\", {\\n enumerable: true,\\n get: function () {\\n return
_traverse.default;\\n }\\n});\\nObject.defineProperty(exports, \\ntraverseFast\\", {\\n enumerable: true,\\n get: function ()
{\\n return _traverseFast.default;\\n }\\n});\\nObject.defineProperty(exports, \\nshallowEqual\\", {\\n enumerable:
true,\\n get: function () {\\n return _shallowEqual.default;\\n }\\n});\\nObject.defineProperty(exports, \\nis\\", {\\n
enumerable: true,\\n get: function () {\\n return _is.default;\\n }\\n});\\nObject.defineProperty(exports, \\nisBinding\\",
{\\n enumerable: true,\\n get: function () {\\n return _isBinding.default;\\n }\\n});\\nObject.defineProperty(exports,
\\nisBlockScoped\\", {\\n enumerable: true,\\n get: function () {\\n return _isBlockScoped.default;\\n
}\\n});\\nObject.defineProperty(exports, \\nisImmutable\\", {\\n enumerable: true,\\n get: function () {\\n return
_isImmutable.default;\\n }\\n});\\nObject.defineProperty(exports, \\nisLet\\", {\\n enumerable: true,\\n get: function ()
{\\n return _isLet.default;\\n }\\n});\\nObject.defineProperty(exports, \\nisNode\\", {\\n enumerable: true,\\n get:
function () {\\n return _isNode.default;\\n }\\n});\\nObject.defineProperty(exports, \\nisNodesEquivalent\\", {\\n
enumerable: true,\\n get: function () {\\n return _isNodesEquivalent.default;\\n
}\\n});\\nObject.defineProperty(exports, \\nisPlaceholderType\\", {\\n enumerable: true,\\n get: function () {\\n return
_isPlaceholderType.default;\\n }\\n});\\nObject.defineProperty(exports, \\nisReferenced\\", {\\n enumerable: true,\\n
get: function () {\\n return _isReferenced.default;\\n }\\n});\\nObject.defineProperty(exports, \\nisScope\\", {\\n
enumerable: true,\\n get: function () {\\n return _isScope.default;\\n }\\n});\\nObject.defineProperty(exports,
\\nisSpecifierDefault\\", {\\n enumerable: true,\\n get: function () {\\n return _isSpecifierDefault.default;\\n
}\\n});\\nObject.defineProperty(exports, \\nisType\\", {\\n enumerable: true,\\n get: function () {\\n return
_isType.default;\\n }\\n});\\nObject.defineProperty(exports, \\nisValidES3Identifier\\", {\\n enumerable: true,\\n get:
function () {\\n return _isValidES3Identifier.default;\\n }\\n});\\nObject.defineProperty(exports, \\nisValidIdentifier\\",
{\\n enumerable: true,\\n get: function () {\\n return _isValidIdentifier.default;\\n
}\\n});\\nObject.defineProperty(exports, \\nisVar\\", {\\n enumerable: true,\\n get: function () {\\n return
_isVar.default;\\n }\\n});\\nObject.defineProperty(exports, \\nmatchesPattern\\", {\\n enumerable: true,\\n get: function
() {\\n return _matchesPattern.default;\\n }\\n});\\nObject.defineProperty(exports, \\nvalidate\\", {\\n enumerable:
true,\\n get: function () {\\n return _validate.default;\\n }\\n});\\nObject.defineProperty(exports,
\\nbuildMatchMemberExpression\\", {\\n enumerable: true,\\n get: function () {\\n return
_buildMatchMemberExpression.default;\\n }\\n});\\nexports.react = void 0;\\n\\nvar _isReactComponent =
_interopRequireDefault(require(\\n./validators/react/isReactComponent\\n));\\n\\nvar _isCompatTag =
_interopRequireDefault(require(\\n./validators/react/isCompatTag\\n));\\n\\nvar _buildChildren =
_interopRequireDefault(require(\\n./builders/react/buildChildren\\n));\\n\\nvar _assertNode =
_interopRequireDefault(require(\\n./asserts/assertNode\\n));\\n\\nvar _generated =
require(\\n./asserts/generated\\n);\\n\\nObject.keys(_generated).forEach(function (key) {\\n if (key === \\ndefault\\n || key
=== \\n__esModule\\n) return;\\n if (Object.prototype.hasOwnProperty.call(_exportNames, key)) return;\\n if (key in

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exports && exports[key] === _generated[key]) return;\n Object.defineProperty(exports, key, {\n  enumerable:
true,\n  get: function () {\n    return _generated[key];\n  }\n });\n});\n\nvar
_createTypeAnnotationBasedOnTypeof =
_interopRequireDefault(require(\"./builders/flow/createTypeAnnotationBasedOnTypeof\"));\n\nvar
_createFlowUnionType = _interopRequireDefault(require(\"./builders/flow/createFlowUnionType\"));\n\nvar
_createTSUnionType = _interopRequireDefault(require(\"./builders/typescript/createTSUnionType\"));\n\nvar
_generated2 = require(\"./builders/generated\");\n\nObject.keys(_generated2).forEach(function (key) {\n  if (key
=== \"default\" || key === \"__esModule\") return;\n  if (Object.prototype.hasOwnProperty.call(_exportNames,
key)) return;\n  if (key in exports && exports[key] === _generated2[key]) return;\n  Object.defineProperty(exports,
key, {\n    enumerable: true,\n    get: function () {\n      return _generated2[key];\n    }\n  });\n});\n\nvar
_cloneNode = _interopRequireDefault(require(\"./clone/cloneNode\"));\n\nvar
_clone =
_interopRequireDefault(require(\"./clone/clone\"));\n\nvar
_cloneDeep =
_interopRequireDefault(require(\"./clone/cloneDeep\"));\n\nvar
_cloneDeepWithoutLoc =
_interopRequireDefault(require(\"./clone/cloneDeepWithoutLoc\"));\n\nvar
_cloneWithoutLoc =
_interopRequireDefault(require(\"./clone/cloneWithoutLoc\"));\n\nvar
_addComment =
_interopRequireDefault(require(\"./comments/addComment\"));\n\nvar
_addComments =
_interopRequireDefault(require(\"./comments/addComments\"));\n\nvar
_inheritInnerComments =
_interopRequireDefault(require(\"./comments/inheritInnerComments\"));\n\nvar
_inheritLeadingComments =
_interopRequireDefault(require(\"./comments/inheritLeadingComments\"));\n\nvar
_inheritsComments =
_interopRequireDefault(require(\"./comments/inheritsComments\"));\n\nvar
_inheritTrailingComments =
_interopRequireDefault(require(\"./comments/inheritTrailingComments\"));\n\nvar
_removeComments =
_interopRequireDefault(require(\"./comments/removeComments\"));\n\nvar
_generated3 =
require(\"./constants/generated\");\n\nObject.keys(_generated3).forEach(function (key) {\n  if (key === \"default\" ||
key === \"__esModule\") return;\n  if (Object.prototype.hasOwnProperty.call(_exportNames, key)) return;\n  if (key
in exports && exports[key] === _generated3[key]) return;\n  Object.defineProperty(exports, key, {\n    enumerable:
true,\n    get: function () {\n      return _generated3[key];\n    }\n  });\n});\n\nvar
_constants =
require(\"./constants\");\n\nObject.keys(_constants).forEach(function (key) {\n  if (key === \"default\" || key ===
\"__esModule\") return;\n  if (Object.prototype.hasOwnProperty.call(_exportNames, key)) return;\n  if (key in
exports && exports[key] === _constants[key]) return;\n  Object.defineProperty(exports, key, {\n    enumerable:
true,\n    get: function () {\n      return _constants[key];\n    }\n  });\n});\n\nvar
_ensureBlock =
_interopRequireDefault(require(\"./converters/ensureBlock\"));\n\nvar
_toBindingIdentifierName =
_interopRequireDefault(require(\"./converters/toBindingIdentifierName\"));\n\nvar
_toBlock =
_interopRequireDefault(require(\"./converters/toBlock\"));\n\nvar
_toComputedKey =
_interopRequireDefault(require(\"./converters/toComputedKey\"));\n\nvar
_toExpression =
_interopRequireDefault(require(\"./converters/toExpression\"));\n\nvar
_toIdentifier =
_interopRequireDefault(require(\"./converters/toIdentifier\"));\n\nvar
_toKeyAlias =
_interopRequireDefault(require(\"./converters/toKeyAlias\"));\n\nvar
_toSequenceExpression =
_interopRequireDefault(require(\"./converters/toSequenceExpression\"));\n\nvar
_toStatement =
_interopRequireDefault(require(\"./converters/toStatement\"));\n\nvar
_valueToNode =
_interopRequireDefault(require(\"./converters/valueToNode\"));\n\nvar
_definitions =
require(\"./definitions\");\n\nObject.keys(_definitions).forEach(function (key) {\n  if (key === \"default\" || key ===
\"__esModule\") return;\n  if (Object.prototype.hasOwnProperty.call(_exportNames, key)) return;\n  if (key in
exports && exports[key] === _definitions[key]) return;\n  Object.defineProperty(exports, key, {\n    enumerable:
true,\n    get: function () {\n      return _definitions[key];\n    }\n  });\n});\n\nvar
_appendToMemberExpression =
_interopRequireDefault(require(\"./modifications/appendToMemberExpression\"));\n\nvar
_inherits =
_interopRequireDefault(require(\"./modifications/inherits\"));\n\nvar
_prependToMemberExpression =
_interopRequireDefault(require(\"./modifications/prependToMemberExpression\"));\n\nvar
_removeProperties =
_interopRequireDefault(require(\"./modifications/removeProperties\"));\n\nvar
_removePropertiesDeep =

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_interopRequireDefault(require(\"./modifications/removePropertiesDeep\"));
\n\nvar _removeTypeDuplicates =
_interopRequireDefault(require(\"./modifications/flow/removeTypeDuplicates\"));
\n\nvar _getBindingIdentifiers =
_interopRequireDefault(require(\"./retrievers/getBindingIdentifiers\"));
\n\nvar _getOuterBindingIdentifiers =
_interopRequireDefault(require(\"./retrievers/getOuterBindingIdentifiers\"));
\n\nvar _traverse =
_interopRequireDefault(require(\"./traverse/traverse\"));
\n\nvar _traverseFast =
_interopRequireDefault(require(\"./traverse/traverseFast\"));
\n\nvar _shallowEqual =
_interopRequireDefault(require(\"./utils/shallowEqual\"));
\n\nvar _is =
_interopRequireDefault(require(\"./validators/is\"));
\n\nvar _isBinding =
_interopRequireDefault(require(\"./validators/isBinding\"));
\n\nvar _isBlockScoped =
_interopRequireDefault(require(\"./validators/isBlockScoped\"));
\n\nvar _isImmutable =
_interopRequireDefault(require(\"./validators/isImmutable\"));
\n\nvar _isLet =
_interopRequireDefault(require(\"./validators/isLet\"));
\n\nvar _isNode =
_interopRequireDefault(require(\"./validators/isNode\"));
\n\nvar _isNodesEquivalent =
_interopRequireDefault(require(\"./validators/isNodesEquivalent\"));
\n\nvar _isPlaceholderType =
_interopRequireDefault(require(\"./validators/isPlaceholderType\"));
\n\nvar _isReferenced =
_interopRequireDefault(require(\"./validators/isReferenced\"));
\n\nvar _isScope =
_interopRequireDefault(require(\"./validators/isScope\"));
\n\nvar _isSpecifierDefault =
_interopRequireDefault(require(\"./validators/isSpecifierDefault\"));
\n\nvar _isType =
_interopRequireDefault(require(\"./validators/isType\"));
\n\nvar _isValidES3Identifier =
_interopRequireDefault(require(\"./validators/isValidES3Identifier\"));
\n\nvar _isValidIdentifier =
_interopRequireDefault(require(\"./validators/isValidIdentifier\"));
\n\nvar _isVar =
_interopRequireDefault(require(\"./validators/isVar\"));
\n\nvar _matchesPattern =
_interopRequireDefault(require(\"./validators/matchesPattern\"));
\n\nvar _validate =
_interopRequireDefault(require(\"./validators/validate\"));
\n\nvar _buildMatchMemberExpression =
_interopRequireDefault(require(\"./validators/buildMatchMemberExpression\"));
\n\nvar _generated4 =
require(\"./validators/generated\");
\n\nObject.keys(_generated4).forEach(function (key) {\n if (key === \"default\" ||
key === \"__esModule\") return;\n if (Object.prototype.hasOwnProperty.call(_exportNames, key)) return;\n if (key
in exports && exports[key] === _generated4[key]) return;\n Object.defineProperty(exports, key, {\n enumerable:
true,\n get: function () {\n return _generated4[key];\n }\n });\n});\n\nfunction _interopRequireDefault(obj) {\n
return obj && obj.__esModule ? obj : { default: obj }; }\n\nconst react = {\n isReactComponent:
_isReactComponent.default,\n isCompatTag: _isCompatTag.default,\n buildChildren:
_buildChildren.default\n};\n\nexports.react = react;
\n\n\n\"use strict\";\n\n\nObject.defineProperty(exports,
\"__esModule\", {\n value: true\n});\n\n\nexports.isArrayExpression =
isArrayExpression;\n\n\nexports.isAssignmentExpression = isAssignmentExpression;\n\n\nexports.isBinaryExpression =
isBinaryExpression;\n\n\nexports.isInterpreterDirective = isInterpreterDirective;\n\n\nexports.isDirective =
isDirective;\n\n\nexports.isDirectiveLiteral = isDirectiveLiteral;\n\n\nexports.isBlockStatement =
isBlockStatement;\n\n\nexports.isBreakStatement = isBreakStatement;\n\n\nexports.isCallExpression =
isCallExpression;\n\n\nexports.isCatchClause = isCatchClause;\n\n\nexports.isConditionalExpression =
isConditionalExpression;\n\n\nexports.isContinueStatement = isContinueStatement;\n\n\nexports.isDebuggerStatement =
isDebuggerStatement;\n\n\nexports.isDoWhileStatement = isDoWhileStatement;\n\n\nexports.isEmptyStatement =
isEmptyStatement;\n\n\nexports.isExpressionStatement = isExpressionStatement;\n\n\nexports.isFile =
isFile;\n\n\nexports.isForInStatement = isForInStatement;\n\n\nexports.isForStatement =
isForStatement;\n\n\nexports.isFunctionDeclaration = isFunctionDeclaration;\n\n\nexports.isFunctionExpression =
isFunctionExpression;\n\n\nexports.isIdentifier = isIdentifier;\n\n\nexports.isIfStatement =
isIfStatement;\n\n\nexports.isLabeledStatement = isLabeledStatement;\n\n\nexports.isStringLiteral =
isStringLiteral;\n\n\nexports.isNumericLiteral = isNumericLiteral;\n\n\nexports.isNullLiteral =
isNullLiteral;\n\n\nexports.isBooleanLiteral = isBooleanLiteral;\n\n\nexports.isRegExpLiteral =
isRegExpLiteral;\n\n\nexports.isLogicalExpression = isLogicalExpression;\n\n\nexports.isMemberExpression =

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isMemberExpression;\nexports.isNewExpression = isNewExpression;\nexports.isProgram =
isProgram;\nexports.isObjectExpression = isObjectExpression;\nexports.isObjectMethod =
isObjectMethod;\nexports.isObjectProperty = isObjectProperty;\nexports.isRestElement =
isRestElement;\nexports.isReturnStatement = isReturnStatement;\nexports.isSequenceExpression =
isSequenceExpression;\nexports.isParenthesizedExpression = isParenthesizedExpression;\nexports.isSwitchCase =
isSwitchCase;\nexports.isSwitchStatement = isSwitchStatement;\nexports.isThisExpression =
isThisExpression;\nexports.isThrowStatement = isThrowStatement;\nexports.isTryStatement =
isTryStatement;\nexports.isUnaryExpression = isUnaryExpression;\nexports.isUpdateExpression =
isUpdateExpression;\nexports.isVariableDeclaration = isVariableDeclaration;\nexports.isVariableDeclarator =
isVariableDeclarator;\nexports.isWhileStatement = isWhileStatement;\nexports.isWithStatement =
isWithStatement;\nexports.isAssignmentPattern = isAssignmentPattern;\nexports.isArrayPattern =
isArrayPattern;\nexports.isArrowFunctionExpression = isArrowFunctionExpression;\nexports.isClassBody =
isClassBody;\nexports.isClassExpression = isClassExpression;\nexports.isClassDeclaration =
isClassDeclaration;\nexports.isExportAllDeclaration = isExportAllDeclaration;\nexports.isExportDefaultDeclaration =
isExportDefaultDeclaration;\nexports.isExportNamedDeclaration =
isExportNamedDeclaration;\nexports.isExportSpecifier = isExportSpecifier;\nexports.isForOfStatement =
isForOfStatement;\nexports.isImportDeclaration = isImportDeclaration;\nexports.isImportDefaultSpecifier =
isImportDefaultSpecifier;\nexports.isImportNamespaceSpecifier =
isImportNamespaceSpecifier;\nexports.isImportSpecifier = isImportSpecifier;\nexports.isMetaProperty =
isMetaProperty;\nexports.isClassMethod = isClassMethod;\nexports.isObjectPattern =
isObjectPattern;\nexports.isSpreadElement = isSpreadElement;\nexports.isSuper =
isSuper;\nexports.isTaggedTemplateExpression = isTaggedTemplateExpression;\nexports.isTemplateElement =
isTemplateElement;\nexports.isTemplateLiteral = isTemplateLiteral;\nexports.isYieldExpression =
isYieldExpression;\nexports.isAwaitExpression = isAwaitExpression;\nexports.isImport =
isImport;\nexports.isBigIntLiteral = isBigIntLiteral;\nexports.isExportNamespaceSpecifier =
isExportNamespaceSpecifier;\nexports.isOptionalMemberExpression =
isOptionalMemberExpression;\nexports.isOptionalCallExpression =
isOptionalCallExpression;\nexports.isAnyTypeAnnotation =
isAnyTypeAnnotation;\nexports.isArrayTypeAnnotation =
isArrayTypeAnnotation;\nexports.isBooleanTypeAnnotation =
isBooleanTypeAnnotation;\nexports.isBooleanLiteralTypeAnnotation =
isBooleanLiteralTypeAnnotation;\nexports.isNullLiteralTypeAnnotation =
isNullLiteralTypeAnnotation;\nexports.isClassImplements = isClassImplements;\nexports.isDeclareClass =
isDeclareClass;\nexports.isDeclareFunction = isDeclareFunction;\nexports.isDeclareInterface =
isDeclareInterface;\nexports.isDeclareModule = isDeclareModule;\nexports.isDeclareModuleExports =
isDeclareModuleExports;\nexports.isDeclareTypeAlias = isDeclareTypeAlias;\nexports.isDeclareOpaqueType =
isDeclareOpaqueType;\nexports.isDeclareVariable = isDeclareVariable;\nexports.isDeclareExportDeclaration =
isDeclareExportDeclaration;\nexports.isDeclareExportAllDeclaration =
isDeclareExportAllDeclaration;\nexports.isDeclaredPredicate =
isDeclaredPredicate;\nexports.isExistsTypeAnnotation =
isExistsTypeAnnotation;\nexports.isFunctionTypeAnnotation =
isFunctionTypeAnnotation;\nexports.isFunctionTypeParam =
isFunctionTypeParam;\nexports.isGenericTypeAnnotation = isGenericTypeAnnotation;\nexports.isInferredPredicate =
isInferredPredicate;\nexports.isInterfaceExtends = isInterfaceExtends;\nexports.isInterfaceDeclaration =
isInterfaceDeclaration;\nexports.isInterfaceTypeAnnotation =
isInterfaceTypeAnnotation;\nexports.isIntersectionTypeAnnotation =
isIntersectionTypeAnnotation;\nexports.isMixedTypeAnnotation =
isMixedTypeAnnotation;\nexports.isEmptyTypeAnnotation =

isEmptyTypeAnnotation;\nexports.isNullableTypeAnnotation =
isNullableTypeAnnotation;\nexports.isNumberLiteralTypeAnnotation =
isNumberLiteralTypeAnnotation;\nexports.isNumberTypeAnnotation =
isNumberTypeAnnotation;\nexports.isObjectTypeAnnotation =
isObjectTypeAnnotation;\nexports.isObjectTypeInternalSlot =
isObjectTypeInternalSlot;\nexports.isObjectTypeCallProperty =
isObjectTypeCallProperty;\nexports.isObjectTypeIndexer = isObjectTypeIndexer;\nexports.isObjectTypeProperty =
isObjectTypeProperty;\nexports.isObjectTypeSpreadProperty =
isObjectTypeSpreadProperty;\nexports.isOpaqueType = isOpaqueType;\nexports.isQualifiedTypeIdentifier =
isQualifiedTypeIdentifier;\nexports.isStringLiteralTypeAnnotation =
isStringLiteralTypeAnnotation;\nexports.isStringTypeAnnotation =
isStringTypeAnnotation;\nexports.isSymbolTypeAnnotation =
isSymbolTypeAnnotation;\nexports.isThisTypeAnnotation =
isThisTypeAnnotation;\nexports.isTupleTypeAnnotation =
isTupleTypeAnnotation;\nexports.isTypeofTypeAnnotation = isTypeofTypeAnnotation;\nexports.isTypeAlias =
isTypeAlias;\nexports.isTypeAnnotation = isTypeAnnotation;\nexports.isTypeCastExpression =
isTypeCastExpression;\nexports.isTypeParameter = isTypeParameter;\nexports.isTypeParameterDeclaration =
isTypeParameterDeclaration;\nexports.isTypeParameterInstantiation =
isTypeParameterInstantiation;\nexports.isUnionTypeAnnotation = isUnionTypeAnnotation;\nexports.isVariance =
isVariance;\nexports.isVoidTypeAnnotation = isVoidTypeAnnotation;\nexports.isEnumDeclaration =
isEnumDeclaration;\nexports.isEnumBooleanBody = isEnumBooleanBody;\nexports.isEnumNumberBody =
isEnumNumberBody;\nexports.isEnumStringBody = isEnumStringBody;\nexports.isEnumSymbolBody =
isEnumSymbolBody;\nexports.isEnumBooleanMember =
isEnumBooleanMember;\nexports.isEnumNumberMember =
isEnumNumberMember;\nexports.isEnumStringMember =
isEnumStringMember;\nexports.isEnumDefaultedMember =
isEnumDefaultedMember;\nexports.isIndexedAccessType =
isIndexedAccessType;\nexports.isOptionalIndexedAccessType =
isOptionalIndexedAccessType;\nexports.isJSXAttribute = isJSXAttribute;\nexports.isJSXClosingElement =
isJSXClosingElement;\nexports.isJSXElement = isJSXElement;\nexports.isJSXEmptyExpression =
isJSXEmptyExpression;\nexports.isJSXExpressionContainer =
isJSXExpressionContainer;\nexports.isJSXSpreadChild = isJSXSpreadChild;\nexports.isJSXIdentifier =
isJSXIdentifier;\nexports.isJSXMemberExpression = isJSXMemberExpression;\nexports.isJSXNamespacedName =
isJSXNamespacedName;\nexports.isJSXOpeningElement = isJSXOpeningElement;\nexports.isJSXSpreadAttribute
= isJSXSpreadAttribute;\nexports.isJSXText = isJSXText;\nexports.isJSXFragment =
isJSXFragment;\nexports.isJSXOpeningFragment = isJSXOpeningFragment;\nexports.isJSXClosingFragment =
isJSXClosingFragment;\nexports.isNoop = isNoop;\nexports.isPlaceholder =
isPlaceholder;\nexports.isV8IntrinsicIdentifier = isV8IntrinsicIdentifier;\nexports.isArgumentPlaceholder =
isArgumentPlaceholder;\nexports.isBindExpression = isBindExpression;\nexports.isClassProperty =
isClassProperty;\nexports.isPipelineTopicExpression = isPipelineTopicExpression;\nexports.isPipelineBareFunction
= isPipelineBareFunction;\nexports.isPipelinePrimaryTopicReference =
isPipelinePrimaryTopicReference;\nexports.isClassPrivateProperty =
isClassPrivateProperty;\nexports.isClassPrivateMethod = isClassPrivateMethod;\nexports.isImportAttribute =
isImportAttribute;\nexports.isDecorator = isDecorator;\nexports.isDoExpression =
isDoExpression;\nexports.isExportDefaultSpecifier = isExportDefaultSpecifier;\nexports.isPrivateName =
isPrivateName;\nexports.isRecordExpression = isRecordExpression;\nexports.isTupleExpression =
isTupleExpression;\nexports.isDecimalLiteral = isDecimalLiteral;\nexports.isStaticBlock =
isStaticBlock;\nexports.isModuleExpression = isModuleExpression;\nexports.isTSPParameterProperty =

isTSParameterProperty;\nexports.isTSDeclareFunction = isTSDeclareFunction;\nexports.isTSDeclareMethod =
isTSDeclareMethod;\nexports.isTSQualifiedName = isTSQualifiedName;\nexports.isTSCallSignatureDeclaration =
isTSCallSignatureDeclaration;\nexports.isTSConstructSignatureDeclaration =
isTSConstructSignatureDeclaration;\nexports.isTSPropertySignature =
isTSPropertySignature;\nexports.isTSMethodSignature = isTSMethodSignature;\nexports.isTSIndexSignature =
isTSIndexSignature;\nexports.isTSAnyKeyword = isTSAnyKeyword;\nexports.isTSBooleanKeyword =
isTSBooleanKeyword;\nexports.isTSBigIntKeyword = isTSBigIntKeyword;\nexports.isTSIntrinsicKeyword =
isTSIntrinsicKeyword;\nexports.isTSNeverKeyword = isTSNeverKeyword;\nexports.isTSNullKeyword =
isTSNullKeyword;\nexports.isTSNumberKeyword = isTSNumberKeyword;\nexports.isTSObjectKeyword =
isTSObjectKeyword;\nexports.isTSStringKeyword = isTSStringKeyword;\nexports.isTSSymbolKeyword =
isTSSymbolKeyword;\nexports.isTSUndefinedKeyword =
isTSUndefinedKeyword;\nexports.isTSUnknownKeyword = isTSUnknownKeyword;\nexports.isTSVoidKeyword =
isTSVoidKeyword;\nexports.isTSThisType = isTSThisType;\nexports.isTSFunctionType =
isTSFunctionType;\nexports.isTSConstructorType = isTSConstructorType;\nexports.isTSTypeReference =
isTSTypeReference;\nexports.isTSTypePredicate = isTSTypePredicate;\nexports.isTSTypeQuery =
isTSTypeQuery;\nexports.isTSTypeLiteral = isTSTypeLiteral;\nexports.isTSArrayType =
isTSArrayType;\nexports.isTSTupleType = isTSTupleType;\nexports.isTSOptionalType =
isTSOptionalType;\nexports.isTSRestType = isTSRestType;\nexports.isTSNamedTupleMember =
isTSNamedTupleMember;\nexports.isTSUnionType = isTSUnionType;\nexports.isTSIntersectionType =
isTSIntersectionType;\nexports.isTSConditionalType = isTSConditionalType;\nexports.isTSInferType =
isTSInferType;\nexports.isTSParenthesizedType = isTSParenthesizedType;\nexports.isTSTypeOperator =
isTSTypeOperator;\nexports.isTSIndexedAccessType = isTSIndexedAccessType;\nexports.isTSMappedType =
isTSMappedType;\nexports.isTSLiteralType = isTSLiteralType;\nexports.isTSExpressionWithTypeArguments =
isTSExpressionWithTypeArguments;\nexports.isTSInterfaceDeclaration =
isTSInterfaceDeclaration;\nexports.isTSInterfaceBody = isTSInterfaceBody;\nexports.isTSTypeAliasDeclaration =
isTSTypeAliasDeclaration;\nexports.isTSAsExpression = isTSAsExpression;\nexports.isTSTypeAssertion =
isTSTypeAssertion;\nexports.isTSEnumDeclaration = isTSEnumDeclaration;\nexports.isTSEnumMember =
isTSEnumMember;\nexports.isTSModuleDeclaration = isTSModuleDeclaration;\nexports.isTSModuleBlock =
isTSModuleBlock;\nexports.isTSImportType = isTSImportType;\nexports.isTSImportEqualsDeclaration =
isTSImportEqualsDeclaration;\nexports.isTSExternalModuleReference =
isTSExternalModuleReference;\nexports.isTSNonNullExpression =
isTSNonNullExpression;\nexports.isTSExportAssignment =
isTSExportAssignment;\nexports.isTSNamespaceExportDeclaration =
isTSNamespaceExportDeclaration;\nexports.isTSTypeAnnotation =
isTSTypeAnnotation;\nexports.isTSTypeParameterInstantiation =
isTSTypeParameterInstantiation;\nexports.isTSTypeParameterDeclaration =
isTSTypeParameterDeclaration;\nexports.isTSTypeParameter = isTSTypeParameter;\nexports.isExpression =
isExpression;\nexports.isBinary = isBinary;\nexports.isScopable = isScopable;\nexports.isBlockParent =
isBlockParent;\nexports.isBlock = isBlock;\nexports.isStatement = isStatement;\nexports.isTerminatorless =
isTerminatorless;\nexports.isCompletionStatement = isCompletionStatement;\nexports.isConditional =
isConditional;\nexports.isLoop = isLoop;\nexports.isWhile = isWhile;\nexports.isExpressionWrapper =
isExpressionWrapper;\nexports.isFor = isFor;\nexports.isForXStatement = isForXStatement;\nexports.isFunction =
isFunction;\nexports.isFunctionParent = isFunctionParent;\nexports.isPureish = isPureish;\nexports.isDeclaration =
isDeclaration;\nexports.isPatternLike = isPatternLike;\nexports.isLVal = isLVal;\nexports.isTSEntityName =
isTSEntityName;\nexports.isLiteral = isLiteral;\nexports.isImmutable = isImmutable;\nexports.isUserWhitespacable =
isUserWhitespacable;\nexports.isMethod = isMethod;\nexports.isObjectMember =
isObjectMember;\nexports.isProperty = isProperty;\nexports.isUnaryLike = isUnaryLike;\nexports.isPattern =
isPattern;\nexports.isClass = isClass;\nexports.isModuleDeclaration =


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isModuleDeclaration;\nexports.isExportDeclaration = isExportDeclaration;\nexports.isModuleSpecifier =
isModuleSpecifier;\nexports.isFlow = isFlow;\nexports.isFlowType = isFlowType;\nexports.isFlowBaseAnnotation
= isFlowBaseAnnotation;\nexports.isFlowDeclaration = isFlowDeclaration;\nexports.isFlowPredicate =
isFlowPredicate;\nexports.isEnumBody = isEnumBody;\nexports.isEnumMember =
isEnumMember;\nexports.isJSX = isJSX;\nexports.isPrivate = isPrivate;\nexports.isTSTypeElement =
isTSTypeElement;\nexports.isTSType = isTSType;\nexports.isTSBaseType =
isTSBaseType;\nexports.isNumberLiteral = isNumberLiteral;\nexports.isRegexLiteral =
isRegexLiteral;\nexports.isRestProperty = isRestProperty;\nexports.isSpreadProperty = isSpreadProperty;\n\nvar
_shallowEqual = require(\"../utils/shallowEqual\");\n\nfunction isArrayExpression(node, opts) {\n if (!node)
return false;\n const nodeType = node.type;\n\n if (nodeType === \"ArrayExpression\") {\n if (typeof opts ===
\"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n
return false;\n}\n\nfunction isAssignmentExpression(node, opts) {\n if (!node) return false;\n const nodeType =
node.type;\n\n if (nodeType === \"AssignmentExpression\") {\n if (typeof opts === \"undefined\") {\n return
true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction
isBinaryExpression(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType ===
\"BinaryExpression\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isInterpreterDirective(node, opts) {\n
if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"InterpreterDirective\") {\n if
(typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n
}\n }\n\n return false;\n}\n\nfunction isDirective(node, opts) {\n if (!node) return false;\n const nodeType =
node.type;\n\n if (nodeType === \"Directive\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else
{\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction
isDirectiveLiteral(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType ===
\"DirectiveLiteral\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isBlockStatement(node, opts) {\n
if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"BlockStatement\") {\n if (typeof
opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n
return false;\n}\n\nfunction isBreakStatement(node, opts) {\n if (!node) return false;\n const nodeType =
node.type;\n\n if (nodeType === \"BreakStatement\") {\n if (typeof opts === \"undefined\") {\n return true;\n
} else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction
isCallExpression(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType ===
\"CallExpression\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isCatchClause(node, opts) {\n
if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"CatchClause\") {\n if (typeof
opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n
return false;\n}\n\nfunction isConditionalExpression(node, opts) {\n if (!node) return false;\n const nodeType =
node.type;\n\n if (nodeType === \"ConditionalExpression\") {\n if (typeof opts === \"undefined\") {\n return
true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction
isContinueStatement(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType ===
\"ContinueStatement\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isDebuggerStatement(node, opts) {\n
if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"DebuggerStatement\") {\n if
(typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n
}\n }\n\n return false;\n}\n\nfunction isDoWhileStatement(node, opts) {\n if (!node) return false;\n const
nodeType = node.type;\n\n if (nodeType === \"DoWhileStatement\") {\n if (typeof opts === \"undefined\") {\n
return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return
false;\n}\n\nfunction isEmptyStatement(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n
if (nodeType === \"EmptyStatement\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n

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"ObjectPattern") {\n  if (typeof opts === "undefined") {\n    return true;\n  } else {\n    return (0,
_shallowEqual.default)(node, opts);\n  }\n}\n\nreturn false;\n}\n\nfunction isSpreadElement(node, opts) {\n  if
(!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType === "SpreadElement") {\n    if (typeof opts
=== "undefined") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n}\n\nreturn false;\n}\n\nfunction isSuper(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if
(nodeType === "Super") {\n    if (typeof opts === "undefined") {\n      return true;\n    } else {\n      return (0,
_shallowEqual.default)(node, opts);\n    }\n  }\n}\n\nreturn false;\n}\n\nfunction isTaggedTemplateExpression(node,
opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType ===
"TaggedTemplateExpression") {\n    if (typeof opts === "undefined") {\n      return true;\n    } else {\n      return
(0, _shallowEqual.default)(node, opts);\n    }\n  }\n}\n\nreturn false;\n}\n\nfunction isTemplateElement(node, opts)
{\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType === "TemplateElement") {\n    if
(typeof opts === "undefined") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n
  }\n}\n\nreturn false;\n}\n\nfunction isTemplateLiteral(node, opts) {\n  if (!node) return false;\n  const nodeType
= node.type;\n\n  if (nodeType === "TemplateLiteral") {\n    if (typeof opts === "undefined") {\n      return
true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n}\n\nreturn false;\n}\n\nfunction
isYieldExpression(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType ===
"YieldExpression") {\n    if (typeof opts === "undefined") {\n      return true;\n    } else {\n      return (0,
_shallowEqual.default)(node, opts);\n    }\n  }\n}\n\nreturn false;\n}\n\nfunction isAwaitExpression(node, opts) {\n
if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType === "AwaitExpression") {\n    if (typeof
opts === "undefined") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n
}\n}\n\nreturn false;\n}\n\nfunction isImport(node, opts) {\n  if (!node) return false;\n  const nodeType =
node.type;\n\n  if (nodeType === "Import") {\n    if (typeof opts === "undefined") {\n      return true;\n    } else
{\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n}\n\nreturn false;\n}\n\nfunction isBigIntLiteral(node,
opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType === "BigIntLiteral") {\n    if
(typeof opts === "undefined") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n
  }\n}\n\nreturn false;\n}\n\nfunction isExportNamespaceSpecifier(node, opts) {\n  if (!node) return false;\n  const
nodeType = node.type;\n\n  if (nodeType === "ExportNamespaceSpecifier") {\n    if (typeof opts ===
"undefined") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n}\n\nreturn false;\n}\n\nfunction isOptionalMemberExpression(node, opts) {\n  if (!node) return false;\n  const nodeType
= node.type;\n\n  if (nodeType === "OptionalMemberExpression") {\n    if (typeof opts === "undefined") {\n      return
true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n}\n\nreturn
false;\n}\n\nfunction isOptionalCallExpression(node, opts) {\n  if (!node) return false;\n  const nodeType =
node.type;\n\n  if (nodeType === "OptionalCallExpression") {\n    if (typeof opts === "undefined") {\n      return
true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n}\n\nreturn false;\n}\n\nfunction
isAnyTypeAnnotation(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType ===
"AnyTypeAnnotation") {\n    if (typeof opts === "undefined") {\n      return true;\n    } else {\n      return (0,
_shallowEqual.default)(node, opts);\n    }\n  }\n}\n\nreturn false;\n}\n\nfunction isArrayTypeAnnotation(node, opts)
{\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType === "ArrayTypeAnnotation") {\n    if
(typeof opts === "undefined") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n
  }\n}\n\nreturn false;\n}\n\nfunction isBooleanTypeAnnotation(node, opts) {\n  if (!node) return false;\n  const
nodeType = node.type;\n\n  if (nodeType === "BooleanTypeAnnotation") {\n    if (typeof opts === "undefined") {\n
      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n}\n\nreturn
false;\n}\n\nfunction isBooleanLiteralTypeAnnotation(node, opts) {\n  if (!node) return false;\n  const nodeType =
node.type;\n\n  if (nodeType === "BooleanLiteralTypeAnnotation") {\n    if (typeof opts === "undefined") {\n      return
true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n}\n\nreturn
false;\n}\n\nfunction isNullLiteralTypeAnnotation(node, opts) {\n  if (!node) return false;\n  const nodeType =
node.type;\n\n  if (nodeType === "NullLiteralTypeAnnotation") {\n    if (typeof opts === "undefined") {\n      return
true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n}\n\nreturn

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return false;\n}\n\nfunction isJSXSpreadAttribute(node, opts) {\n if (!node) return false;\n const nodeType =
node.type;\n\n if (nodeType === \"JSXSpreadAttribute\") {\n if (typeof opts === \"undefined\") {\n return
true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction
isJSXText(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType ===
\"JSXText\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isJSXFragment(node, opts) {\n if
(!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"JSXFragment\") {\n if (typeof opts
=== \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n
return false;\n}\n\nfunction isJSXOpeningFragment(node, opts) {\n if (!node) return false;\n const nodeType =
node.type;\n\n if (nodeType === \"JSXOpeningFragment\") {\n if (typeof opts === \"undefined\") {\n return
true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction
isJSXClosingFragment(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType
=== \"JSXClosingFragment\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isNoop(node, opts) {\n if (!node)
return false;\n const nodeType = node.type;\n\n if (nodeType === \"Noop\") {\n if (typeof opts ===
\"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n
return false;\n}\n\nfunction isPlaceholder(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n
if (nodeType === \"Placeholder\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n
return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction
isV8IntrinsicIdentifier(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType
=== \"V8IntrinsicIdentifier\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isArgumentPlaceholder(node, opts)
{\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"ArgumentPlaceholder\") {\n if
(typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n
}\n }\n\n return false;\n}\n\nfunction isBindExpression(node, opts) {\n if (!node) return false;\n const nodeType
= node.type;\n\n if (nodeType === \"BindExpression\") {\n if (typeof opts === \"undefined\") {\n return
true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction
isClassProperty(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType ===
\"ClassProperty\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isPipelineTopicExpression(node,
opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType ===
\"PipelineTopicExpression\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isPipelineBareFunction(node, opts)
{\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"PipelineBareFunction\") {\n if
(typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n
}\n }\n\n return false;\n}\n\nfunction isPipelinePrimaryTopicReference(node, opts) {\n if (!node) return false;\n
const nodeType = node.type;\n\n if (nodeType === \"PipelinePrimaryTopicReference\") {\n if (typeof opts ===
\"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n
return false;\n}\n\nfunction isClassPrivateProperty(node, opts) {\n if (!node) return false;\n const nodeType =
node.type;\n\n if (nodeType === \"ClassPrivateProperty\") {\n if (typeof opts === \"undefined\") {\n return
true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction
isClassPrivateMethod(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType
=== \"ClassPrivateMethod\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isImportAttribute(node, opts) {\n if
(!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"ImportAttribute\") {\n if (typeof opts
=== \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n
return false;\n}\n\nfunction isDecorator(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n
if (nodeType === \"Decorator\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return

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(0, _shallowEqual.default)(node, opts);
}
}
return false;
}
function isDoExpression(node, opts) {
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType === "DoExpression") {
    if (typeof opts === "undefined") {
      return true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return false;
}
function isExportDefaultSpecifier(node, opts) {
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType === "ExportDefaultSpecifier") {
    if (typeof opts === "undefined") {
      return true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return false;
}
function isPrivateName(node, opts) {
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType === "PrivateName") {
    if (typeof opts === "undefined") {
      return true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return false;
}
function isRecordExpression(node, opts) {
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType === "RecordExpression") {
    if (typeof opts === "undefined") {
      return true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return false;
}
function isTupleExpression(node, opts) {
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType === "TupleExpression") {
    if (typeof opts === "undefined") {
      return true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return false;
}
function isDecimalLiteral(node, opts) {
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType === "DecimalLiteral") {
    if (typeof opts === "undefined") {
      return true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return false;
}
function isStaticBlock(node, opts) {
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType === "StaticBlock") {
    if (typeof opts === "undefined") {
      return true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return false;
}
function isModuleExpression(node, opts) {
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType === "ModuleExpression") {
    if (typeof opts === "undefined") {
      return true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return false;
}
function isTSParameterProperty(node, opts) {
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType === "TSParameterProperty") {
    if (typeof opts === "undefined") {
      return true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return false;
}
function isTSDeclareFunction(node, opts) {
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType === "TSDeclareFunction") {
    if (typeof opts === "undefined") {
      return true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return false;
}
function isTSDeclareMethod(node, opts) {
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType === "TSDeclareMethod") {
    if (typeof opts === "undefined") {
      return true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return false;
}
function isTSQualifiedName(node, opts) {
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType === "TSQualifiedName") {
    if (typeof opts === "undefined") {
      return true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return false;
}
function isTSCallSignatureDeclaration(node, opts) {
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType === "TSCallSignatureDeclaration") {
    if (typeof opts === "undefined") {
      return true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return false;
}
function isTSConstructSignatureDeclaration(node, opts) {
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType === "TSConstructSignatureDeclaration") {
    if (typeof opts === "undefined") {
      return true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return false;
}
function isTSPropertySignature(node, opts) {
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType === "TSPropertySignature") {
    if (typeof opts === "undefined") {
      return true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return false;
}
function isTSMMethodSignature(node, opts) {
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType === "TSMMethodSignature") {
    if (typeof opts === "undefined") {
      return true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return false;
}
function isTSIndexSignature(node, opts) {
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType === "TSIndexSignature") {
    if (typeof opts === "undefined") {
      return true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return false;
}
function isTSAnyKeyword(node, opts) {
  if (!node) return false;
  const nodeType = node.type;
}

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node.type;\n\n if (nodeType === \"TSTypeQuery\") {\n  if (typeof opts === \"undefined\") {\n    return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  } }\n\n return false;\n}\n\nfunction
isTSTypeLiteral(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType ===
\"TSTypeLiteral\") {\n  if (typeof opts === \"undefined\") {\n    return true;\n  } else {\n    return (0,
_shallowEqual.default)(node, opts);\n  } }\n\n return false;\n}\n\nfunction isTSArrayType(node, opts) {\n  if
(!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType === \"TSArrayType\") {\n  if (typeof opts
=== \"undefined\") {\n    return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  } }\n\n
return false;\n}\n\nfunction isTSTupleType(node, opts) {\n  if (!node) return false;\n  const nodeType =
node.type;\n\n  if (nodeType === \"TSTupleType\") {\n  if (typeof opts === \"undefined\") {\n    return true;\n  }
else {\n    return (0, _shallowEqual.default)(node, opts);\n  } }\n\n return false;\n}\n\nfunction
isTSOptionalType(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType ===
\"TSOptionalType\") {\n  if (typeof opts === \"undefined\") {\n    return true;\n  } else {\n    return (0,
_shallowEqual.default)(node, opts);\n  } }\n\n return false;\n}\n\nfunction isTSRestType(node, opts) {\n  if
(!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType === \"TSRestType\") {\n  if (typeof opts
=== \"undefined\") {\n    return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  } }\n\n
return false;\n}\n\nfunction isTSNamedTupleMember(node, opts) {\n  if (!node) return false;\n  const nodeType =
node.type;\n\n  if (nodeType === \"TSNamedTupleMember\") {\n  if (typeof opts === \"undefined\") {\n    return
true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  } }\n\n return false;\n}\n\nfunction
isTSUnionType(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType ===
\"TSUnionType\") {\n  if (typeof opts === \"undefined\") {\n    return true;\n  } else {\n    return (0,
_shallowEqual.default)(node, opts);\n  } }\n\n return false;\n}\n\nfunction isTSIntersectionType(node, opts) {\n
if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType === \"TSIntersectionType\") {\n  if
(typeof opts === \"undefined\") {\n    return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n
  } }\n\n return false;\n}\n\nfunction isTSConditionalType(node, opts) {\n  if (!node) return false;\n  const
nodeType = node.type;\n\n  if (nodeType === \"TSConditionalType\") {\n  if (typeof opts === \"undefined\") {\n
return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  } }\n\n return
false;\n}\n\nfunction isTSInferType(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n
if (nodeType === \"TSInferType\") {\n  if (typeof opts === \"undefined\") {\n    return true;\n  } else {\n    return
(0, _shallowEqual.default)(node, opts);\n  } }\n\n return false;\n}\n\nfunction isTSParenthesizedType(node,
opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType === \"TSParenthesizedType\")
{\n  if (typeof opts === \"undefined\") {\n    return true;\n  } else {\n    return (0, _shallowEqual.default)(node,
opts);\n  } }\n\n return false;\n}\n\nfunction isTSTypeOperator(node, opts) {\n  if (!node) return false;\n  const
nodeType = node.type;\n\n  if (nodeType === \"TSTypeOperator\") {\n  if (typeof opts === \"undefined\") {\n
return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  } }\n\n return
false;\n}\n\nfunction isTSIndexedAccessType(node, opts) {\n  if (!node) return false;\n  const nodeType =
node.type;\n\n  if (nodeType === \"TSIndexedAccessType\") {\n  if (typeof opts === \"undefined\") {\n    return
true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  } }\n\n return false;\n}\n\nfunction
isTSMappedType(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType ===
\"TSMappedType\") {\n  if (typeof opts === \"undefined\") {\n    return true;\n  } else {\n    return (0,
_shallowEqual.default)(node, opts);\n  } }\n\n return false;\n}\n\nfunction isTSLiteralType(node, opts) {\n  if
(!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType === \"TSLiteralType\") {\n  if (typeof opts
=== \"undefined\") {\n    return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  } }\n\n
return false;\n}\n\nfunction isTSExpressionWithTypeArguments(node, opts) {\n  if (!node) return false;\n  const
nodeType = node.type;\n\n  if (nodeType === \"TSExpressionWithTypeArguments\") {\n  if (typeof opts ===
\"undefined\") {\n    return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  } }\n\n
return false;\n}\n\nfunction isTSInterfaceDeclaration(node, opts) {\n  if (!node) return false;\n  const nodeType =
node.type;\n\n  if (nodeType === \"TSInterfaceDeclaration\") {\n  if (typeof opts === \"undefined\") {\n    return
true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  } }\n\n return false;\n}\n\nfunction

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isTSInterfaceBody(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType ===
\'TSInterfaceBody\') {\n if (typeof opts === \'undefined\') {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isTSTypeAliasDeclaration(node,
opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType ===
\'TSTypeAliasDeclaration\') {\n if (typeof opts === \'undefined\') {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isTSAsExpression(node, opts) {\n if
(!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \'TSAsExpression\') {\n if (typeof
opts === \'undefined\') {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n
}\n\n return false;\n}\n\nfunction isTSTypeAssertion(node, opts) {\n if (!node) return false;\n const nodeType =
node.type;\n\n if (nodeType === \'TSTypeAssertion\') {\n if (typeof opts === \'undefined\') {\n return true;\n
} else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n }\n\n return false;\n}\n\nfunction
isTSEnumDeclaration(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType ===
\'TSEnumDeclaration\') {\n if (typeof opts === \'undefined\') {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n }\n\n return false;\n}\n\nfunction isTSEnumMember(node, opts) {\n if
(!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \'TSEnumMember\') {\n if (typeof
opts === \'undefined\') {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n
}\n\n return false;\n}\n\nfunction isTSMODULEDECLARATION(node, opts) {\n if (!node) return false;\n const nodeType
= node.type;\n\n if (nodeType === \'TSMODULEDECLARATION\') {\n if (typeof opts === \'undefined\') {\n return
true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n }\n\n return false;\n}\n\nfunction
isTSMODULEBLOCK(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType ===
\'TSMODULEBLOCK\') {\n if (typeof opts === \'undefined\') {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n }\n\n return false;\n}\n\nfunction isTSImportType(node, opts) {\n if
(!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \'TSImportType\') {\n if (typeof
opts === \'undefined\') {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n
}\n\n return false;\n}\n\nfunction isTSImportEqualsDeclaration(node, opts) {\n if (!node) return false;\n const nodeType
= node.type;\n\n if (nodeType === \'TSImportEqualsDeclaration\') {\n if (typeof opts === \'undefined\') {\n
return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n }\n\n return
false;\n}\n\nfunction isTSEXTERNALMODULEREFERENCE(node, opts) {\n if (!node) return false;\n const nodeType =
node.type;\n\n if (nodeType === \'TSEXTERNALMODULEREFERENCE\') {\n if (typeof opts === \'undefined\') {\n
return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n }\n\n return
false;\n}\n\nfunction isTSNONNULLEXPRESSION(node, opts) {\n if (!node) return false;\n const nodeType =
node.type;\n\n if (nodeType === \'TSNONNULLEXPRESSION\') {\n if (typeof opts === \'undefined\') {\n return
true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n }\n\n return
false;\n}\n\nfunction isTSEXPORTASSIGNMENT(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType
=== \'TSEXPORTASSIGNMENT\') {\n if (typeof opts === \'undefined\') {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n }\n\n return false;\n}\n\nfunction
isTSNamespaceExportDeclaration(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if
(nodeType === \'TSNamespaceExportDeclaration\') {\n if (typeof opts === \'undefined\') {\n return true;\n
} else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n }\n\n return false;\n}\n\nfunction
isTSTypeAnnotation(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType ===
\'TSTypeAnnotation\') {\n if (typeof opts === \'undefined\') {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n }\n\n return false;\n}\n\nfunction
isTSTypeParameterInstantiation(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if
(nodeType === \'TSTypeParameterInstantiation\') {\n if (typeof opts === \'undefined\') {\n return true;\n
} else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n }\n\n return false;\n}\n\nfunction
isTSTypeParameterDeclaration(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if
(nodeType === \'TSTypeParameterDeclaration\') {\n if (typeof opts === \'undefined\') {\n return true;\n
} else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n }\n\n return false;\n}\n\nfunction

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isTSTypeParameter(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType ===
\"TSTypeParameter\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isExpression(node, opts) {\n if
(!node) return false;\n const nodeType = node.type;\n\n if (\"ArrayExpression\" === nodeType ||
\"AssignmentExpression\" === nodeType || \"BinaryExpression\" === nodeType || \"CallExpression\" ===
nodeType || \"ConditionalExpression\" === nodeType || \"FunctionExpression\" === nodeType || \"Identifier\" ===
nodeType || \"StringLiteral\" === nodeType || \"NumericLiteral\" === nodeType || \"NullLiteral\" === nodeType ||
\"BooleanLiteral\" === nodeType || \"RegExpLiteral\" === nodeType || \"LogicalExpression\" === nodeType ||
\"MemberExpression\" === nodeType || \"NewExpression\" === nodeType || \"ObjectExpression\" === nodeType ||
\"SequenceExpression\" === nodeType || \"ParenthesizedExpression\" === nodeType || \"ThisExpression\" ===
nodeType || \"UnaryExpression\" === nodeType || \"UpdateExpression\" === nodeType ||
\"ArrowFunctionExpression\" === nodeType || \"ClassExpression\" === nodeType || \"MetaProperty\" ===
nodeType || \"Super\" === nodeType || \"TaggedTemplateExpression\" === nodeType || \"TemplateLiteral\" ===
nodeType || \"YieldExpression\" === nodeType || \"AwaitExpression\" === nodeType || \"Import\" === nodeType ||
\"BigIntLiteral\" === nodeType || \"OptionalMemberExpression\" === nodeType || \"OptionalCallExpression\" ===
nodeType || \"TypeCastExpression\" === nodeType || \"JSXElement\" === nodeType || \"JSXFragment\" ===
nodeType || \"BindExpression\" === nodeType || \"PipelinePrimaryTopicReference\" === nodeType ||
\"DoExpression\" === nodeType || \"RecordExpression\" === nodeType || \"TupleExpression\" === nodeType ||
\"DecimalLiteral\" === nodeType || \"ModuleExpression\" === nodeType || \"TSAsExpression\" === nodeType ||
\"TSTypeAssertion\" === nodeType || \"TSNonNullExpression\" === nodeType || nodeType === \"Placeholder\"
&& (\"Expression\" === node.expectedNode || \"Identifier\" === node.expectedNode || \"StringLiteral\" ===
node.expectedNode)) {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isBinary(node, opts) {\n if (!node)
return false;\n const nodeType = node.type;\n\n if (\"BinaryExpression\" === nodeType || \"LogicalExpression\"
=== nodeType) {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isScopable(node, opts) {\n if (!node)
return false;\n const nodeType = node.type;\n\n if (\"BlockStatement\" === nodeType || \"CatchClause\" ===
nodeType || \"DoWhileStatement\" === nodeType || \"ForInStatement\" === nodeType || \"ForStatement\" ===
nodeType || \"FunctionDeclaration\" === nodeType || \"FunctionExpression\" === nodeType || \"Program\" ===
nodeType || \"ObjectMethod\" === nodeType || \"SwitchStatement\" === nodeType || \"WhileStatement\" ===
nodeType || \"ArrowFunctionExpression\" === nodeType || \"ClassExpression\" === nodeType ||
\"ClassDeclaration\" === nodeType || \"ForOfStatement\" === nodeType || \"ClassMethod\" === nodeType ||
\"ClassPrivateMethod\" === nodeType || \"StaticBlock\" === nodeType || \"TSMODULE_BLOCK\" === nodeType ||
nodeType === \"Placeholder\" && \"BlockStatement\" === node.expectedNode) {\n if (typeof opts ===
\"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n}\n\n
return false;\n}\n\nfunction isBlockParent(node, opts) {\n if (!node) return false;\n const nodeType =
node.type;\n\n if (\"BlockStatement\" === nodeType || \"CatchClause\" === nodeType || \"DoWhileStatement\" ===
nodeType || \"ForInStatement\" === nodeType || \"ForStatement\" === nodeType || \"FunctionDeclaration\" ===
nodeType || \"FunctionExpression\" === nodeType || \"Program\" === nodeType || \"ObjectMethod\" === nodeType
|| \"SwitchStatement\" === nodeType || \"WhileStatement\" === nodeType || \"ArrowFunctionExpression\" ===
nodeType || \"ForOfStatement\" === nodeType || \"ClassMethod\" === nodeType || \"ClassPrivateMethod\" ===
nodeType || \"StaticBlock\" === nodeType || \"TSMODULE_BLOCK\" === nodeType || nodeType === \"Placeholder\"
&& \"BlockStatement\" === node.expectedNode) {\n if (typeof opts === \"undefined\") {\n return true;\n }
else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n}\n\n return false;\n}\n\nfunction isBlock(node,
opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (\"BlockStatement\" === nodeType ||
\"Program\" === nodeType || \"TSMODULE_BLOCK\" === nodeType || nodeType === \"Placeholder\" &&
\"BlockStatement\" === node.expectedNode) {\n if (typeof opts === \"undefined\") {\n return true;\n } else
{\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isStatement(node,

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opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if ("BlockStatement" === nodeType ||
"BreakStatement" === nodeType || "ContinueStatement" === nodeType || "DebuggerStatement" === nodeType
|| "DoWhileStatement" === nodeType || "EmptyStatement" === nodeType || "ExpressionStatement" ===
nodeType || "ForInStatement" === nodeType || "ForStatement" === nodeType || "FunctionDeclaration" ===
nodeType || "IfStatement" === nodeType || "LabeledStatement" === nodeType || "ReturnStatement" ===
nodeType || "SwitchStatement" === nodeType || "ThrowStatement" === nodeType || "TryStatement" ===
nodeType || "VariableDeclaration" === nodeType || "WhileStatement" === nodeType || "WithStatement" ===
nodeType || "ClassDeclaration" === nodeType || "ExportAllDeclaration" === nodeType ||
"ExportDefaultDeclaration" === nodeType || "ExportNamedDeclaration" === nodeType || "ForOfStatement"
=== nodeType || "ImportDeclaration" === nodeType || "DeclareClass" === nodeType || "DeclareFunction" ===
nodeType || "DeclareInterface" === nodeType || "DeclareModule" === nodeType || "DeclareModuleExports"
=== nodeType || "DeclareTypeAlias" === nodeType || "DeclareOpaqueType" === nodeType ||
"DeclareVariable" === nodeType || "DeclareExportDeclaration" === nodeType ||
"DeclareExportAllDeclaration" === nodeType || "InterfaceDeclaration" === nodeType || "OpaqueType" ===
nodeType || "TypeAlias" === nodeType || "EnumDeclaration" === nodeType || "TSDeclareFunction" ===
nodeType || "TSInterfaceDeclaration" === nodeType || "TSTypeAliasDeclaration" === nodeType ||
"TSEnumDeclaration" === nodeType || "TSMModuleDeclaration" === nodeType || "TSImportEqualsDeclaration"
=== nodeType || "TSEExportAssignment" === nodeType || "TSNamespaceExportDeclaration" === nodeType ||
nodeType === "Placeholder" && ("Statement" === node.expectedNode || "Declaration" ===
node.expectedNode || "BlockStatement" === node.expectedNode)) {\n if (typeof opts === "undefined") {\n
return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return
false;\n}\n\nfunction isTerminatorless(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if
("BreakStatement" === nodeType || "ContinueStatement" === nodeType || "ReturnStatement" === nodeType ||
"ThrowStatement" === nodeType || "YieldExpression" === nodeType || "AwaitExpression" === nodeType) {\n
if (typeof opts === "undefined") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node,
opts);\n }\n }\n }\n\n return false;\n}\n\nfunction isCompletionStatement(node, opts) {\n if (!node) return false;\n
const nodeType = node.type;\n\n if ("BreakStatement" === nodeType || "ContinueStatement" === nodeType ||
"ReturnStatement" === nodeType || "ThrowStatement" === nodeType) {\n if (typeof opts === "undefined")
{\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n }\n\n return
false;\n}\n\nfunction isConditional(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if
("ConditionalExpression" === nodeType || "IfStatement" === nodeType) {\n if (typeof opts === "undefined")
{\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n }\n\n return
false;\n}\n\nfunction isLoop(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if
("DoWhileStatement" === nodeType || "ForInStatement" === nodeType || "ForStatement" === nodeType ||
"WhileStatement" === nodeType || "ForOfStatement" === nodeType) {\n if (typeof opts === "undefined")
{\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n }\n\n return
false;\n}\n\nfunction isWhile(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if
("DoWhileStatement" === nodeType || "WhileStatement" === nodeType) {\n if (typeof opts ===
"undefined") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n }\n\n
return false;\n}\n\nfunction isExpressionWrapper(node, opts) {\n if (!node) return false;\n const nodeType =
node.type;\n\n if ("ExpressionStatement" === nodeType || "ParenthesizedExpression" === nodeType ||
"TypeCastExpression" === nodeType) {\n if (typeof opts === "undefined") {\n return true;\n } else {\n
return (0, _shallowEqual.default)(node, opts);\n }\n }\n }\n\n return false;\n}\n\nfunction isFor(node, opts) {\n if
(!node) return false;\n const nodeType = node.type;\n\n if ("ForInStatement" === nodeType || "ForStatement"
=== nodeType || "ForOfStatement" === nodeType) {\n if (typeof opts === "undefined") {\n return true;\n
} else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n }\n\n return false;\n}\n\nfunction
isForXStatement(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if ("ForInStatement"
=== nodeType || "ForOfStatement" === nodeType) {\n if (typeof opts === "undefined") {\n return true;\n
}

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} else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\n return false;\n}\n\nfunction
isFunction(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if ("FunctionDeclaration"
=== nodeType || "FunctionExpression" === nodeType || "ObjectMethod" === nodeType ||
"ArrowFunctionExpression" === nodeType || "ClassMethod" === nodeType || "ClassPrivateMethod" ===
nodeType) {\n    if (typeof opts === "undefined") {\n      return true;\n    } else {\n      return (0,
_shallowEqual.default)(node, opts);\n    }\n  }\n\n return false;\n}\n\nfunction isFunctionParent(node, opts) {\n  if
(!node) return false;\n  const nodeType = node.type;\n  if ("FunctionDeclaration" === nodeType ||
"FunctionExpression" === nodeType || "ObjectMethod" === nodeType || "ArrowFunctionExpression" ===
nodeType || "ClassMethod" === nodeType || "ClassPrivateMethod" === nodeType) {\n    if (typeof opts ===
"undefined") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n\n
return false;\n}\n\nfunction isPureish(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if
("FunctionDeclaration" === nodeType || "FunctionExpression" === nodeType || "StringLiteral" === nodeType
|| "NumericLiteral" === nodeType || "NullLiteral" === nodeType || "BooleanLiteral" === nodeType ||
"RegExpLiteral" === nodeType || "ArrowFunctionExpression" === nodeType || "BigIntLiteral" === nodeType
|| "DecimalLiteral" === nodeType || nodeType === "Placeholder" && "StringLiteral" === node.expectedNode)
{\n  if (typeof opts === "undefined") {\n    return true;\n  } else {\n    return (0, _shallowEqual.default)(node,
opts);\n  }\n }\n\n return false;\n}\n\nfunction isDeclaration(node, opts) {\n  if (!node) return false;\n  const
nodeType = node.type;\n  if ("FunctionDeclaration" === nodeType || "VariableDeclaration" === nodeType ||
"ClassDeclaration" === nodeType || "ExportAllDeclaration" === nodeType || "ExportDefaultDeclaration" ===
nodeType || "ExportNamedDeclaration" === nodeType || "ImportDeclaration" === nodeType || "DeclareClass"
=== nodeType || "DeclareFunction" === nodeType || "DeclareInterface" === nodeType || "DeclareModule" ===
nodeType || "DeclareModuleExports" === nodeType || "DeclareTypeAlias" === nodeType ||
"DeclareOpaqueType" === nodeType || "DeclareVariable" === nodeType || "DeclareExportDeclaration" ===
nodeType || "DeclareExportAllDeclaration" === nodeType || "InterfaceDeclaration" === nodeType ||
"OpaqueType" === nodeType || "TypeAlias" === nodeType || "EnumDeclaration" === nodeType ||
"TSDeclareFunction" === nodeType || "TSInterfaceDeclaration" === nodeType || "TSTypeAliasDeclaration"
=== nodeType || "TSEnumDeclaration" === nodeType || "TSMODULEDECLARATION" === nodeType || nodeType
=== "Placeholder" && "Declaration" === node.expectedNode) {\n  if (typeof opts === "undefined") {\n
return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\n return
false;\n}\n\nfunction isPatternLike(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if
("Identifier" === nodeType || "RestElement" === nodeType || "AssignmentPattern" === nodeType ||
"ArrayPattern" === nodeType || "ObjectPattern" === nodeType || nodeType === "Placeholder" && ("Pattern"
=== node.expectedNode || "Identifier" === node.expectedNode)) {\n  if (typeof opts === "undefined") {\n
return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\n return
false;\n}\n\nfunction isLVal(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if
("Identifier" === nodeType || "MemberExpression" === nodeType || "RestElement" === nodeType ||
"AssignmentPattern" === nodeType || "ArrayPattern" === nodeType || "ObjectPattern" === nodeType ||
"TSParameterProperty" === nodeType || nodeType === "Placeholder" && ("Pattern" === node.expectedNode ||
"Identifier" === node.expectedNode)) {\n  if (typeof opts === "undefined") {\n    return true;\n  } else {\n
return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\n return false;\n}\n\nfunction isTSEntityName(node,
opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if ("Identifier" === nodeType ||
"TSQualifiedName" === nodeType || nodeType === "Placeholder" && "Identifier" === node.expectedNode)
{\n  if (typeof opts === "undefined") {\n    return true;\n  } else {\n    return (0, _shallowEqual.default)(node,
opts);\n  }\n }\n\n return false;\n}\n\nfunction isLiteral(node, opts) {\n  if (!node) return false;\n  const nodeType
= node.type;\n  if ("StringLiteral" === nodeType || "NumericLiteral" === nodeType || "NullLiteral" ===
nodeType || "BooleanLiteral" === nodeType || "RegExpLiteral" === nodeType || "TemplateLiteral" ===
nodeType || "BigIntLiteral" === nodeType || "DecimalLiteral" === nodeType || nodeType === "Placeholder"
&& "StringLiteral" === node.expectedNode) {\n  if (typeof opts === "undefined") {\n    return true;\n  } else

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{\n  return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\n return false;\n}\n\nfunction isImmutable(node,
opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if ("StringLiteral" === nodeType ||
"NumericLiteral" === nodeType || "NullLiteral" === nodeType || "BooleanLiteral" === nodeType ||
"BigIntLiteral" === nodeType || "JSXAttribute" === nodeType || "JSXClosingElement" === nodeType ||
"JSXElement" === nodeType || "JSXExpressionContainer" === nodeType || "JSXSpreadChild" === nodeType
|| "JSXOpeningElement" === nodeType || "JSXText" === nodeType || "JSXFragment" === nodeType ||
"JSXOpeningFragment" === nodeType || "JSXClosingFragment" === nodeType || "DecimalLiteral" ===
nodeType || nodeType === "Placeholder" && "StringLiteral" === node.expectedNode) {\n  if (typeof opts ===
"undefined") {\n    return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\n
return false;\n}\n\nfunction isUserWhitespacable(node, opts) {\n if (!node) return false;\n const nodeType =
node.type;\n\n if ("ObjectMethod" === nodeType || "ObjectProperty" === nodeType ||
"ObjectTypeInternalSlot" === nodeType || "ObjectTypeCallProperty" === nodeType || "ObjectTypeIndexer"
=== nodeType || "ObjectTypeProperty" === nodeType || "ObjectTypeSpreadProperty" === nodeType) {\n  if
(typeof opts === "undefined") {\n    return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n
}\n }\n\n return false;\n}\n\nfunction isMethod(node, opts) {\n if (!node) return false;\n const nodeType =
node.type;\n\n if ("ObjectMethod" === nodeType || "ClassMethod" === nodeType || "ClassPrivateMethod"
=== nodeType) {\n  if (typeof opts === "undefined") {\n    return true;\n  } else {\n    return (0,
_shallowEqual.default)(node, opts);\n  }\n }\n\n return false;\n}\n\nfunction isObjectMember(node, opts) {\n if
(!node) return false;\n const nodeType = node.type;\n\n if ("ObjectMethod" === nodeType || "ObjectProperty"
=== nodeType) {\n  if (typeof opts === "undefined") {\n    return true;\n  } else {\n    return (0,
_shallowEqual.default)(node, opts);\n  }\n }\n\n return false;\n}\n\nfunction isProperty(node, opts) {\n if (!node)
return false;\n const nodeType = node.type;\n\n if ("ObjectProperty" === nodeType || "ClassProperty" ===
nodeType || "ClassPrivateProperty" === nodeType) {\n  if (typeof opts === "undefined") {\n    return true;\n
}\n } else {\n  return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction
isUnaryLike(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if ("UnaryExpression"
=== nodeType || "SpreadElement" === nodeType) {\n  if (typeof opts === "undefined") {\n    return true;\n
}\n } else {\n  return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isPattern(node,
opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if ("AssignmentPattern" === nodeType ||
"ArrayPattern" === nodeType || "ObjectPattern" === nodeType || nodeType === "Placeholder" && "Pattern"
=== node.expectedNode) {\n  if (typeof opts === "undefined") {\n    return true;\n  } else {\n    return (0,
_shallowEqual.default)(node, opts);\n  }\n }\n\n return false;\n}\n\nfunction isClass(node, opts) {\n if (!node)
return false;\n const nodeType = node.type;\n\n if ("ClassExpression" === nodeType || "ClassDeclaration" ===
nodeType) {\n  if (typeof opts === "undefined") {\n    return true;\n  } else {\n    return (0,
_shallowEqual.default)(node, opts);\n  }\n }\n\n return false;\n}\n\nfunction isModuleDeclaration(node, opts) {\n
if (!node) return false;\n const nodeType = node.type;\n\n if ("ExportAllDeclaration" === nodeType ||
"ExportDefaultDeclaration" === nodeType || "ExportNamedDeclaration" === nodeType || "ImportDeclaration"
=== nodeType) {\n  if (typeof opts === "undefined") {\n    return true;\n  } else {\n    return (0,
_shallowEqual.default)(node, opts);\n  }\n }\n\n return false;\n}\n\nfunction isExportDeclaration(node, opts) {\n
if (!node) return false;\n const nodeType = node.type;\n\n if ("ExportAllDeclaration" === nodeType ||
"ExportDefaultDeclaration" === nodeType || "ExportNamedDeclaration" === nodeType) {\n  if (typeof opts
=== "undefined") {\n    return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n
}\n\n return false;\n}\n\nfunction isModuleSpecifier(node, opts) {\n if (!node) return false;\n const nodeType =
node.type;\n\n if ("ExportSpecifier" === nodeType || "ImportDefaultSpecifier" === nodeType ||
"ImportNamespaceSpecifier" === nodeType || "ImportSpecifier" === nodeType || "ExportNamespaceSpecifier"
=== nodeType || "ExportDefaultSpecifier" === nodeType) {\n  if (typeof opts === "undefined") {\n    return
true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\n return false;\n}\n\nfunction
isFlow(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if ("AnyTypeAnnotation" ===
nodeType || "ArrayTypeAnnotation" === nodeType || "BooleanTypeAnnotation" === nodeType ||

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\"BooleanLiteralTypeAnnotation\" === nodeType || \"NullLiteralTypeAnnotation\" === nodeType ||
\"ClassImplements\" === nodeType || \"DeclareClass\" === nodeType || \"DeclareFunction\" === nodeType ||
\"DeclareInterface\" === nodeType || \"DeclareModule\" === nodeType || \"DeclareModuleExports\" === nodeType
|| \"DeclareTypeAlias\" === nodeType || \"DeclareOpaqueType\" === nodeType || \"DeclareVariable\" ===
nodeType || \"DeclareExportDeclaration\" === nodeType || \"DeclareExportAllDeclaration\" === nodeType ||
\"DeclaredPredicate\" === nodeType || \"ExistsTypeAnnotation\" === nodeType || \"FunctionTypeAnnotation\" ===
nodeType || \"FunctionTypeParam\" === nodeType || \"GenericTypeAnnotation\" === nodeType ||
\"InferredPredicate\" === nodeType || \"InterfaceExtends\" === nodeType || \"InterfaceDeclaration\" === nodeType
|| \"InterfaceTypeAnnotation\" === nodeType || \"IntersectionTypeAnnotation\" === nodeType ||
\"MixedTypeAnnotation\" === nodeType || \"EmptyTypeAnnotation\" === nodeType || \"NullableTypeAnnotation\"
=== nodeType || \"NumberLiteralTypeAnnotation\" === nodeType || \"NumberTypeAnnotation\" === nodeType ||
\"ObjectTypeAnnotation\" === nodeType || \"ObjectTypeInternalSlot\" === nodeType || \"ObjectTypeCallProperty\"
=== nodeType || \"ObjectTypeIndexer\" === nodeType || \"ObjectTypeProperty\" === nodeType ||
\"ObjectTypeSpreadProperty\" === nodeType || \"OpaqueType\" === nodeType || \"QualifiedTypeIdentifier\" ===
nodeType || \"StringLiteralTypeAnnotation\" === nodeType || \"StringTypeAnnotation\" === nodeType ||
\"SymbolTypeAnnotation\" === nodeType || \"ThisTypeAnnotation\" === nodeType || \"TupleTypeAnnotation\"
=== nodeType || \"TypeofTypeAnnotation\" === nodeType || \"TypeAlias\" === nodeType || \"TypeAnnotation\"
=== nodeType || \"TypeCastExpression\" === nodeType || \"TypeParameter\" === nodeType ||
\"TypeParameterDeclaration\" === nodeType || \"TypeParameterInstantiation\" === nodeType ||
\"UnionTypeAnnotation\" === nodeType || \"Variance\" === nodeType || \"VoidTypeAnnotation\" === nodeType ||
\"IndexedAccessType\" === nodeType || \"OptionalIndexedAccessType\" === nodeType) {\n  if (typeof opts ===
\"undefined\") {\n    return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n}\n\n
return false;\n}\n\nfunction isFlowType(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if (\"AnyTypeAnnotation\" === nodeType || \"ArrayTypeAnnotation\" === nodeType || \"BooleanTypeAnnotation\"
=== nodeType || \"BooleanLiteralTypeAnnotation\" === nodeType || \"NullLiteralTypeAnnotation\" === nodeType
|| \"ExistsTypeAnnotation\" === nodeType || \"FunctionTypeAnnotation\" === nodeType ||
\"GenericTypeAnnotation\" === nodeType || \"InterfaceTypeAnnotation\" === nodeType ||
\"IntersectionTypeAnnotation\" === nodeType || \"MixedTypeAnnotation\" === nodeType ||
\"EmptyTypeAnnotation\" === nodeType || \"NullableTypeAnnotation\" === nodeType ||
\"NumberLiteralTypeAnnotation\" === nodeType || \"NumberTypeAnnotation\" === nodeType ||
\"ObjectTypeAnnotation\" === nodeType || \"StringLiteralTypeAnnotation\" === nodeType ||
\"StringTypeAnnotation\" === nodeType || \"SymbolTypeAnnotation\" === nodeType || \"ThisTypeAnnotation\"
=== nodeType || \"TupleTypeAnnotation\" === nodeType || \"TypeofTypeAnnotation\" === nodeType ||
\"UnionTypeAnnotation\" === nodeType || \"VoidTypeAnnotation\" === nodeType || \"IndexedAccessType\" ===
nodeType || \"OptionalIndexedAccessType\" === nodeType) {\n  if (typeof opts === \"undefined\") {\n    return
true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n}\n}\n\n return false;\n}\n\nfunction
isFlowBaseAnnotation(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if
(\"AnyTypeAnnotation\" === nodeType || \"BooleanTypeAnnotation\" === nodeType ||
\"NullLiteralTypeAnnotation\" === nodeType || \"MixedTypeAnnotation\" === nodeType ||
\"EmptyTypeAnnotation\" === nodeType || \"NumberTypeAnnotation\" === nodeType || \"StringTypeAnnotation\"
=== nodeType || \"SymbolTypeAnnotation\" === nodeType || \"ThisTypeAnnotation\" === nodeType ||
\"VoidTypeAnnotation\" === nodeType) {\n  if (typeof opts === \"undefined\") {\n    return true;\n  } else {\n
return (0, _shallowEqual.default)(node, opts);\n  }\n}\n}\n\n return false;\n}\n\nfunction isFlowDeclaration(node,
opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if (\"DeclareClass\" === nodeType ||
\"DeclareFunction\" === nodeType || \"DeclareInterface\" === nodeType || \"DeclareModule\" === nodeType ||
\"DeclareModuleExports\" === nodeType || \"DeclareTypeAlias\" === nodeType || \"DeclareOpaqueType\" ===
nodeType || \"DeclareVariable\" === nodeType || \"DeclareExportDeclaration\" === nodeType ||
\"DeclareExportAllDeclaration\" === nodeType || \"InterfaceDeclaration\" === nodeType || \"OpaqueType\" ===

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nodeType || \"TypeAlias\" === nodeType) {\n  if (typeof opts === \"undefined\") {\n    return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  } }\n\n return false;\n}\n\nfunction isFlowPredicate(node,
opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (\"DeclaredPredicate\" === nodeType ||
\"InferredPredicate\" === nodeType) {\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    } }\n\n    return false;\n}\n\nfunction isEnumBody(node, opts)
{\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (\"EnumBooleanBody\" === nodeType ||
\"EnumNumberBody\" === nodeType || \"EnumStringBody\" === nodeType || \"EnumSymbolBody\" ===
nodeType) {\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return (0,
_shallowEqual.default)(node, opts);\n    } }\n\n    return false;\n}\n\nfunction isEnumMember(node, opts) {\n  if
(!node) return false;\n  const nodeType = node.type;\n\n  if (\"EnumBooleanMember\" === nodeType ||
\"EnumNumberMember\" === nodeType || \"EnumStringMember\" === nodeType || \"EnumDefaultedMember\"
=== nodeType) {\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return (0,
_shallowEqual.default)(node, opts);\n    } }\n\n    return false;\n}\n\nfunction isJSX(node, opts) {\n  if (!node)
return false;\n  const nodeType = node.type;\n\n  if (\"JSXAttribute\" === nodeType || \"JSXClosingElement\" ===
nodeType || \"JSXElement\" === nodeType || \"JSXEmptyExpression\" === nodeType ||
\"JSXExpressionContainer\" === nodeType || \"JSXSpreadChild\" === nodeType || \"JSXIdentifier\" === nodeType ||
\"JSXMemberExpression\" === nodeType || \"JSXNamespacedName\" === nodeType || \"JSXOpeningElement\"
=== nodeType || \"JSXSpreadAttribute\" === nodeType || \"JSXText\" === nodeType || \"JSXFragment\" ===
nodeType || \"JSXOpeningFragment\" === nodeType || \"JSXClosingFragment\" === nodeType) {\n    if (typeof
opts === \"undefined\") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    } }\n
}\n\n return false;\n}\n\nfunction isPrivate(node, opts) {\n  if (!node) return false;\n  const nodeType =
node.type;\n\n  if (\"ClassPrivateProperty\" === nodeType || \"ClassPrivateMethod\" === nodeType ||
\"PrivateName\" === nodeType) {\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return
(0, _shallowEqual.default)(node, opts);\n    } }\n\n    return false;\n}\n\nfunction isTSTypeElement(node, opts) {\n
if (!node) return false;\n  const nodeType = node.type;\n\n  if (\"TSCallSignatureDeclaration\" === nodeType ||
\"TSConstructSignatureDeclaration\" === nodeType || \"TSPropertySignature\" === nodeType ||
\"TSMethodSignature\" === nodeType || \"TSIndexSignature\" === nodeType) {\n    if (typeof opts ===
\"undefined\") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    } }\n
}\n\n return false;\n}\n\nfunction isTSType(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n
if (\"TSAnyKeyword\" === nodeType || \"TSBooleanKeyword\" === nodeType || \"TSBigIntKeyword\" ===
nodeType || \"TSIntrinsicKeyword\" === nodeType || \"TSNeverKeyword\" === nodeType || \"TSNullKeyword\"
=== nodeType || \"TSNumberKeyword\" === nodeType || \"TSObjectKeyword\" === nodeType ||
\"TSStringKeyword\" === nodeType || \"TSSymbolKeyword\" === nodeType || \"TSUndefinedKeyword\" ===
nodeType || \"TSUnknownKeyword\" === nodeType || \"TSVoidKeyword\" === nodeType || \"TSThisType\" ===
nodeType || \"TSFunctionType\" === nodeType || \"TSConstructorType\" === nodeType || \"TSTypeReference\"
=== nodeType || \"TSTypePredicate\" === nodeType || \"TSTypeQuery\" === nodeType || \"TSTypeLiteral\" ===
nodeType || \"TSArrayType\" === nodeType || \"TSTupleType\" === nodeType || \"TSOptionalType\" ===
nodeType || \"TSRestType\" === nodeType || \"TSUnionType\" === nodeType || \"TSIntersectionType\" ===
nodeType || \"TSConditionalType\" === nodeType || \"TSInferType\" === nodeType || \"TSParenthesizedType\"
=== nodeType || \"TSTypeOperator\" === nodeType || \"TSIndexedAccessType\" === nodeType ||
\"TSMappedType\" === nodeType || \"TSLiteralType\" === nodeType || \"TSExpressionWithTypeArguments\" ===
nodeType || \"TSImportType\" === nodeType) {\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else
{\n      return (0, _shallowEqual.default)(node, opts);\n    } }\n\n    return false;\n}\n\nfunction isTSBaseType(node,
opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (\"TSAnyKeyword\" === nodeType ||
\"TSBooleanKeyword\" === nodeType || \"TSBigIntKeyword\" === nodeType || \"TSIntrinsicKeyword\" ===
nodeType || \"TSNeverKeyword\" === nodeType || \"TSNullKeyword\" === nodeType || \"TSNumberKeyword\"
=== nodeType || \"TSObjectKeyword\" === nodeType || \"TSStringKeyword\" === nodeType ||
\"TSSymbolKeyword\" === nodeType || \"TSUndefinedKeyword\" === nodeType || \"TSUnknownKeyword\" ===

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nodeType || "\"TSVoidKeyword\" === nodeType || "\"TSThisType\" === nodeType || "\"TSLiteralType\" ===
nodeType) {\n  if (typeof opts === \"undefined\") {\n    return true;\n  } else {\n    return (0,
_shallowEqual.default)(node, opts);\n  }\n }\n\n return false;\n}\n\nfunction isNumberLiteral(node, opts) {\n
console.trace(\"The node type NumberLiteral has been renamed to NumericLiteral\");\n if (!node) return false;\n
const nodeType = node.type;\n\n if (nodeType === \"NumberLiteral\") {\n  if (typeof opts === \"undefined\") {\n
return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n }\n\n return
false;\n}\n\nfunction isRegexLiteral(node, opts) {\n  console.trace(\"The node type RegexLiteral has been renamed
to RegExpLiteral\");\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType ===
\"RegexLiteral\") {\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return (0,
_shallowEqual.default)(node, opts);\n    }\n  }\n }\n\n  return false;\n}\n\nfunction isRestProperty(node, opts) {\n
console.trace(\"The node type RestProperty has been renamed to RestElement\");\n  if (!node) return false;\n  const
nodeType = node.type;\n\n  if (nodeType === \"RestProperty\") {\n    if (typeof opts === \"undefined\") {\n
return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n }\n\n  return
false;\n}\n\nfunction isSpreadProperty(node, opts) {\n  console.trace(\"The node type SpreadProperty has been
renamed to SpreadElement\");\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType ===
\"SpreadProperty\") {\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return (0,
_shallowEqual.default)(node, opts);\n    }\n  }\n }\n\n  return false;\n}\n\n\"use strict\";\n\nObject.defineProperty(exports,
\"__esModule\", {\n  value: true\n});\n\nexports.isArrayExpression =
isArrayExpression;\n\nexports.isAssignmentExpression = isAssignmentExpression;\n\nexports.isBinaryExpression =
isBinaryExpression;\n\nexports.isInterpreterDirective = isInterpreterDirective;\n\nexports.isDirective =
isDirective;\n\nexports.isDirectiveLiteral = isDirectiveLiteral;\n\nexports.isBlockStatement =
isBlockStatement;\n\nexports.isBreakStatement = isBreakStatement;\n\nexports.isCallExpression =
isCallExpression;\n\nexports.isCatchClause = isCatchClause;\n\nexports.isConditionalExpression =
isConditionalExpression;\n\nexports.isContinueStatement = isContinueStatement;\n\nexports.isDebuggerStatement =
isDebuggerStatement;\n\nexports.isDoWhileStatement = isDoWhileStatement;\n\nexports.isEmptyStatement =
isEmptyStatement;\n\nexports.isExpressionStatement = isExpressionStatement;\n\nexports.isFile =
isFile;\n\nexports.isForInStatement = isForInStatement;\n\nexports.isForStatement =
isForStatement;\n\nexports.isFunctionDeclaration = isFunctionDeclaration;\n\nexports.isFunctionExpression =
isFunctionExpression;\n\nexports.isIdentifier = isIdentifier;\n\nexports.isIfStatement =
isIfStatement;\n\nexports.isLabeledStatement = isLabeledStatement;\n\nexports.isStringLiteral =
isStringLiteral;\n\nexports.isNumericLiteral = isNumericLiteral;\n\nexports.isNullLiteral =
isNullLiteral;\n\nexports.isBooleanLiteral = isBooleanLiteral;\n\nexports.isRegExpLiteral =
isRegExpLiteral;\n\nexports.isLogicalExpression = isLogicalExpression;\n\nexports.isMemberExpression =
isMemberExpression;\n\nexports.isNewExpression = isNewExpression;\n\nexports.isProgram =
isProgram;\n\nexports.isObjectExpression = isObjectExpression;\n\nexports.isObjectMethod =
isObjectMethod;\n\nexports.isObjectProperty = isObjectProperty;\n\nexports.isRestElement =
isRestElement;\n\nexports.isReturnStatement = isReturnStatement;\n\nexports.isSequenceExpression =
isSequenceExpression;\n\nexports.isParenthesizedExpression = isParenthesizedExpression;\n\nexports.isSwitchCase =
isSwitchCase;\n\nexports.isSwitchStatement = isSwitchStatement;\n\nexports.isThisExpression =
isThisExpression;\n\nexports.isThrowStatement = isThrowStatement;\n\nexports.isTryStatement =
isTryStatement;\n\nexports.isUnaryExpression = isUnaryExpression;\n\nexports.isUpdateExpression =
isUpdateExpression;\n\nexports.isVariableDeclaration = isVariableDeclaration;\n\nexports.isVariableDeclarator =
isVariableDeclarator;\n\nexports.isWhileStatement = isWhileStatement;\n\nexports.isWithStatement =
isWithStatement;\n\nexports.isAssignmentPattern = isAssignmentPattern;\n\nexports.isArrayPattern =
isArrayPattern;\n\nexports.isArrowFunctionExpression = isArrowFunctionExpression;\n\nexports.isClassBody =
isClassBody;\n\nexports.isClassExpression = isClassExpression;\n\nexports.isClassDeclaration =
isClassDeclaration;\n\nexports.isExportAllDeclaration = isExportAllDeclaration;\n\nexports.isExportDefaultDeclaration =
isExportDefaultDeclaration;\n\nexports.isExportNamedDeclaration =

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isExportNamedDeclaration;\nexports.isExportSpecifier = isExportSpecifier;\nexports.isForOfStatement = isForOfStatement;\nexports.isImportDeclaration = isImportDeclaration;\nexports.isImportDefaultSpecifier = isImportDefaultSpecifier;\nexports.isImportNamespaceSpecifier = isImportNamespaceSpecifier;\nexports.isImportSpecifier = isImportSpecifier;\nexports.isMetaProperty = isMetaProperty;\nexports.isClassMethod = isClassMethod;\nexports.isObjectPattern = isObjectPattern;\nexports.isSpreadElement = isSpreadElement;\nexports.isSuper = isSuper;\nexports.isTaggedTemplateExpression = isTaggedTemplateExpression;\nexports.isTemplateElement = isTemplateElement;\nexports.isTemplateLiteral = isTemplateLiteral;\nexports.isYieldExpression = isYieldExpression;\nexports.isAwaitExpression = isAwaitExpression;\nexports.isImport = isImport;\nexports.isBigIntLiteral = isBigIntLiteral;\nexports.isExportNamespaceSpecifier = isExportNamespaceSpecifier;\nexports.isOptionalMemberExpression = isOptionalMemberExpression;\nexports.isOptionalCallExpression = isOptionalCallExpression;\nexports.isAnyTypeAnnotation = isAnyTypeAnnotation;\nexports.isArrayTypeAnnotation = isArrayTypeAnnotation;\nexports.isBooleanTypeAnnotation = isBooleanTypeAnnotation;\nexports.isBooleanLiteralTypeAnnotation = isBooleanLiteralTypeAnnotation;\nexports.isNullLiteralTypeAnnotation = isNullLiteralTypeAnnotation;\nexports.isClassImplements = isClassImplements;\nexports.isDeclareClass = isDeclareClass;\nexports.isDeclareFunction = isDeclareFunction;\nexports.isDeclareInterface = isDeclareInterface;\nexports.isDeclareModule = isDeclareModule;\nexports.isDeclareModuleExports = isDeclareModuleExports;\nexports.isDeclareTypeAlias = isDeclareTypeAlias;\nexports.isDeclareOpaqueType = isDeclareOpaqueType;\nexports.isDeclareVariable = isDeclareVariable;\nexports.isDeclareExportDeclaration = isDeclareExportDeclaration;\nexports.isDeclareExportAllDeclaration = isDeclareExportAllDeclaration;\nexports.isDeclaredPredicate = isDeclaredPredicate;\nexports.isExistsTypeAnnotation = isExistsTypeAnnotation;\nexports.isFunctionTypeAnnotation = isFunctionTypeAnnotation;\nexports.isFunctionTypeParam = isFunctionTypeParam;\nexports.isGenericTypeAnnotation = isGenericTypeAnnotation;\nexports.isInferredPredicate = isInferredPredicate;\nexports.isInterfaceExtends = isInterfaceExtends;\nexports.isInterfaceDeclaration = isInterfaceDeclaration;\nexports.isInterfaceTypeAnnotation = isInterfaceTypeAnnotation;\nexports.isIntersectionTypeAnnotation = isIntersectionTypeAnnotation;\nexports.isMixedTypeAnnotation = isMixedTypeAnnotation;\nexports.isEmptyTypeAnnotation = isEmptyTypeAnnotation;\nexports.isNullableTypeAnnotation = isNullableTypeAnnotation;\nexports.isNumberLiteralTypeAnnotation = isNumberLiteralTypeAnnotation;\nexports.isNumberTypeAnnotation = isNumberTypeAnnotation;\nexports.isObjectTypeAnnotation = isObjectTypeAnnotation;\nexports.isObjectTypeInternalSlot = isObjectTypeInternalSlot;\nexports.isObjectTypeCallProperty = isObjectTypeCallProperty;\nexports.isObjectTypeIndexer = isObjectTypeIndexer;\nexports.isObjectTypeProperty = isObjectTypeProperty;\nexports.isObjectTypeSpreadProperty = isObjectTypeSpreadProperty;\nexports.isOpaqueType = isOpaqueType;\nexports.isQualifiedTypeIdentifier = isQualifiedTypeIdentifier;\nexports.isStringLiteralTypeAnnotation = isStringLiteralTypeAnnotation;\nexports.isStringTypeAnnotation = isStringTypeAnnotation;\nexports.isSymbolTypeAnnotation = isSymbolTypeAnnotation;\nexports.isThisTypeAnnotation = isThisTypeAnnotation;\nexports.isTupleTypeAnnotation = isTupleTypeAnnotation;\nexports.isTypeofTypeAnnotation = isTypeofTypeAnnotation;\nexports.isTypeAlias =

isTypeAlias;\nextports.isTypeAnnotation = isTypeAnnotation;\nextports.isTypeCastExpression = isTypeCastExpression;\nextports.isTypeParameter = isTypeParameter;\nextports.isTypeParameterDeclaration = isTypeParameterDeclaration;\nextports.isTypeParameterInstantiation = isTypeParameterInstantiation;\nextports.isUnionTypeAnnotation = isUnionTypeAnnotation;\nextports.isVariance = isVariance;\nextports.isVoidTypeAnnotation = isVoidTypeAnnotation;\nextports.isEnumDeclaration = isEnumDeclaration;\nextports.isEnumBooleanBody = isEnumBooleanBody;\nextports.isEnumNumberBody = isEnumNumberBody;\nextports.isEnumStringBody = isEnumStringBody;\nextports.isEnumSymbolBody = isEnumSymbolBody;\nextports.isEnumBooleanMember = isEnumBooleanMember;\nextports.isEnumNumberMember = isEnumNumberMember;\nextports.isEnumStringMember = isEnumStringMember;\nextports.isEnumDefaultedMember = isEnumDefaultedMember;\nextports.isJSXAttribute = isJSXAttribute;\nextports.isJSXClosingElement = isJSXClosingElement;\nextports.isJSXElement = isJSXElement;\nextports.isJSXEmptyExpression = isJSXEmptyExpression;\nextports.isJSXExpressionContainer = isJSXExpressionContainer;\nextports.isJSXSpreadChild = isJSXSpreadChild;\nextports.isJSXIdentifier = isJSXIdentifier;\nextports.isJSXMemberExpression = isJSXMemberExpression;\nextports.isJSXNamespacedName = isJSXNamespacedName;\nextports.isJSXOpeningElement = isJSXOpeningElement;\nextports.isJSXSpreadAttribute = isJSXSpreadAttribute;\nextports.isJSXText = isJSXText;\nextports.isJSXFragment = isJSXFragment;\nextports.isJSXOpeningFragment = isJSXOpeningFragment;\nextports.isJSXClosingFragment = isJSXClosingFragment;\nextports.isNoop = isNoop;\nextports.isPlaceholder = isPlaceholder;\nextports.isV8IntrinsicIdentifier = isV8IntrinsicIdentifier;\nextports.isArgumentPlaceholder = isArgumentPlaceholder;\nextports.isBindExpression = isBindExpression;\nextports.isClassProperty = isClassProperty;\nextports.isPipelineTopicExpression = isPipelineTopicExpression;\nextports.isPipelineBareFunction = isPipelineBareFunction;\nextports.isPipelinePrimaryTopicReference = isPipelinePrimaryTopicReference;\nextports.isClassPrivateProperty = isClassPrivateProperty;\nextports.isClassPrivateMethod = isClassPrivateMethod;\nextports.isImportAttribute = isImportAttribute;\nextports.isDecorator = isDecorator;\nextports.isDoExpression = isDoExpression;\nextports.isExportDefaultSpecifier = isExportDefaultSpecifier;\nextports.isPrivateName = isPrivateName;\nextports.isRecordExpression = isRecordExpression;\nextports.isTupleExpression = isTupleExpression;\nextports.isDecimalLiteral = isDecimalLiteral;\nextports.isStaticBlock = isStaticBlock;\nextports.isTSPParameterProperty = isTSPParameterProperty;\nextports.isTSDeclareFunction = isTSDeclareFunction;\nextports.isTSDeclareMethod = isTSDeclareMethod;\nextports.isTSQualifiedName = isTSQualifiedName;\nextports.isTSCallSignatureDeclaration = isTSCallSignatureDeclaration;\nextports.isTSConstructSignatureDeclaration = isTSConstructSignatureDeclaration;\nextports.isTSPropertySignature = isTSPropertySignature;\nextports.isTSMMethodSignature = isTSMMethodSignature;\nextports.isTSIndexSignature = isTSIndexSignature;\nextports.isTSAnyKeyword = isTSAnyKeyword;\nextports.isTSBooleanKeyword = isTSBooleanKeyword;\nextports.isTSBigIntKeyword = isTSBigIntKeyword;\nextports.isTSIntrinsicKeyword = isTSIntrinsicKeyword;\nextports.isTSNeverKeyword = isTSNeverKeyword;\nextports.isTSNullKeyword = isTSNullKeyword;\nextports.isTSNumberKeyword = isTSNumberKeyword;\nextports.isTSObjectKeyword = isTSObjectKeyword;\nextports.isTSStringKeyword = isTSStringKeyword;\nextports.isTSSymbolKeyword = isTSSymbolKeyword;\nextports.isTSUndefinedKeyword = isTSUndefinedKeyword;\nextports.isTSUnknownKeyword = isTSUnknownKeyword;\nextports.isTSVoidKeyword = isTSVoidKeyword;\nextports.isTSThisType = isTSThisType;\nextports.isTSFunctionType = isTSFunctionType;\nextports.isTSConstructorType = isTSConstructorType;\nextports.isTSTypeReference = isTSTypeReference;\nextports.isTSTypePredicate = isTSTypePredicate;\nextports.isTSTypeQuery = isTSTypeQuery;\nextports.isTSTypeLiteral = isTSTypeLiteral;\nextports.isTSArrayType = isTSArrayType;\nextports.isTSTupleType = isTSTupleType;\nextports.isTSOptionalType = isTSOptionalType;\nextports.isTSRestType = isTSRestType;\nextports.isTSNamedTupleMember =

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isTSNamedTupleMember;\nexports.isTSUnionType = isTSUnionType;\nexports.isTSIntersectionType =
isTSIntersectionType;\nexports.isTSConditionalType = isTSConditionalType;\nexports.isTSInferType =
isTSInferType;\nexports.isTSParenthesizedType = isTSParenthesizedType;\nexports.isTSTypeOperator =
isTSTypeOperator;\nexports.isTSIndexedAccessType = isTSIndexedAccessType;\nexports.isTSMappedType =
isTSMappedType;\nexports.isTSLiteralType = isTSLiteralType;\nexports.isTSExpressionWithTypeArguments =
isTSExpressionWithTypeArguments;\nexports.isTSInterfaceDeclaration =
isTSInterfaceDeclaration;\nexports.isTSInterfaceBody = isTSInterfaceBody;\nexports.isTSTypeAliasDeclaration =
isTSTypeAliasDeclaration;\nexports.isTSAsExpression = isTSAsExpression;\nexports.isTSTypeAssertion =
isTSTypeAssertion;\nexports.isTSEnumDeclaration = isTSEnumDeclaration;\nexports.isTSEnumMember =
isTSEnumMember;\nexports.isTSModuleDeclaration = isTSModuleDeclaration;\nexports.isTSModuleBlock =
isTSModuleBlock;\nexports.isTSImportType = isTSImportType;\nexports.isTSImportEqualsDeclaration =
isTSImportEqualsDeclaration;\nexports.isTSExternalModuleReference =
isTSExternalModuleReference;\nexports.isTSNonNullExpression =
isTSNonNullExpression;\nexports.isTSExportAssignment =
isTSExportAssignment;\nexports.isTSNamespaceExportDeclaration =
isTSNamespaceExportDeclaration;\nexports.isTSTypeAnnotation =
isTSTypeAnnotation;\nexports.isTSTypeParameterInstantiation =
isTSTypeParameterInstantiation;\nexports.isTSTypeParameterDeclaration =
isTSTypeParameterDeclaration;\nexports.isTSTypeParameter = isTSTypeParameter;\nexports.isExpression =
isExpression;\nexports.isBinary = isBinary;\nexports.isScopable = isScopable;\nexports.isBlockParent =
isBlockParent;\nexports.isBlock = isBlock;\nexports.isStatement = isStatement;\nexports.isTerminatorless =
isTerminatorless;\nexports.isCompletionStatement = isCompletionStatement;\nexports.isConditional =
isConditional;\nexports.isLoop = isLoop;\nexports.isWhile = isWhile;\nexports.isExpressionWrapper =
isExpressionWrapper;\nexports.isFor = isFor;\nexports.isForXStatement = isForXStatement;\nexports.isFunction =
isFunction;\nexports.isFunctionParent = isFunctionParent;\nexports.isPureish = isPureish;\nexports.isDeclaration =
isDeclaration;\nexports.isPatternLike = isPatternLike;\nexports.isLVal = isLVal;\nexports.isTSEntityName =
isTSEntityName;\nexports.isLiteral = isLiteral;\nexports.isImmutable = isImmutable;\nexports.isUserWhitespacable =
isUserWhitespacable;\nexports.isMethod = isMethod;\nexports.isObjectMember =
isObjectMember;\nexports.isProperty = isProperty;\nexports.isUnaryLike = isUnaryLike;\nexports.isPattern =
isPattern;\nexports.isClass = isClass;\nexports.isModuleDeclaration =
isModuleDeclaration;\nexports.isExportDeclaration = isExportDeclaration;\nexports.isModuleSpecifier =
isModuleSpecifier;\nexports.isFlow = isFlow;\nexports.isFlowType = isFlowType;\nexports.isFlowBaseAnnotation =
isFlowBaseAnnotation;\nexports.isFlowDeclaration = isFlowDeclaration;\nexports.isFlowPredicate =
isFlowPredicate;\nexports.isEnumBody = isEnumBody;\nexports.isEnumMember =
isEnumMember;\nexports.isJSX = isJSX;\nexports.isPrivate = isPrivate;\nexports.isTSTypeElement =
isTSTypeElement;\nexports.isTSType = isTSType;\nexports.isTSBaseType =
isTSBaseType;\nexports.isNumberLiteral = isNumberLiteral;\nexports.isRegexLiteral =
isRegexLiteral;\nexports.isRestProperty = isRestProperty;\nexports.isSpreadProperty = isSpreadProperty;\n\nnvar
_shallowEqual = _interopRequireDefault(require(\"../utils/shallowEqual\"));\n\nfunction
_interopRequireDefault(obj) { return obj && obj.__esModule ? obj : { default: obj }; }\n\nfunction
isArrayExpression(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if (nodeType ===
\"ArrayExpression\") {\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return (0,
_shallowEqual.default)(node, opts);\n    }\n  }\n  return false;\n}\n\nfunction isAssignmentExpression(node, opts)
{\n  if (!node) return false;\n  const nodeType = node.type;\n  if (nodeType === \"AssignmentExpression\") {\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node,
opts);\n    }\n  }\n  return false;\n}\n\nfunction isBinaryExpression(node, opts) {\n  if (!node) return false;\n  const
nodeType = node.type;\n  if (nodeType === \"BinaryExpression\") {\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n  return

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    }\n }\n\n return false;\n}\n\nfunction isIdentifier(node, opts) {\n if (!node) return false;\n const nodeType =
node.type;\n\n if (nodeType === \"Identifier\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else
{\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isIfStatement(node,
opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"IfStatement\") {\n if
(typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n
}\n }\n\n return false;\n}\n\nfunction isLabeledStatement(node, opts) {\n if (!node) return false;\n const
nodeType = node.type;\n\n if (nodeType === \"LabeledStatement\") {\n if (typeof opts === \"undefined\") {\n
return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return
false;\n}\n\nfunction isStringLiteral(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if
(nodeType === \"StringLiteral\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return
(0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isNumericLiteral(node, opts) {\n
if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"NumericLiteral\") {\n if (typeof
opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n
return false;\n}\n\nfunction isNullLiteral(node, opts) {\n if (!node) return false;\n const nodeType =
node.type;\n\n if (nodeType === \"NullLiteral\") {\n if (typeof opts === \"undefined\") {\n return true;\n }
else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction
isBooleanLiteral(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType ===
\"BooleanLiteral\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isRegExpLiteral(node, opts) {\n if
(!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"RegExpLiteral\") {\n if (typeof opts
=== \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n\n
return false;\n}\n\nfunction isLogicalExpression(node, opts) {\n if (!node) return false;\n const nodeType =
node.type;\n\n if (nodeType === \"LogicalExpression\") {\n if (typeof opts === \"undefined\") {\n return
true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction
isMemberExpression(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType ===
\"MemberExpression\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isNewExpression(node, opts) {\n if
(!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"NewExpression\") {\n if (typeof opts
=== \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n\n
return false;\n}\n\nfunction isProgram(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n
if (nodeType === \"Program\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isObjectExpression(node, opts) {\n
if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"ObjectExpression\") {\n if (typeof
opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n
return false;\n}\n\nfunction isObjectMethod(node, opts) {\n if (!node) return false;\n const nodeType =
node.type;\n\n if (nodeType === \"ObjectMethod\") {\n if (typeof opts === \"undefined\") {\n return true;\n }
else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction
isObjectProperty(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType ===
\"ObjectProperty\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isRestElement(node, opts) {\n if
(!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"RestElement\") {\n if (typeof opts
=== \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n\n
return false;\n}\n\nfunction isReturnStatement(node, opts) {\n if (!node) return false;\n const nodeType =
node.type;\n\n if (nodeType === \"ReturnStatement\") {\n if (typeof opts === \"undefined\") {\n return true;\n }
else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction
isSequenceExpression(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType ===
\"SequenceExpression\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0,
_shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isParenthesizedExpression(node,

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true;\n } else {\n   return (0, _shallowEqual.default)(node, opts);\n } }\n\n return false;\n}\n\nfunction
isAwaitExpression(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if (nodeType ===
\"AwaitExpression\") {\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return (0,
_shallowEqual.default)(node, opts);\n    } }\n\n return false;\n}\n\nfunction isImport(node, opts) {\n  if (!node)
return false;\n  const nodeType = node.type;\n  if (nodeType === \"Import\") {\n    if (typeof opts ===
\"undefined\") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    } }\n }\n\n
return false;\n}\n\nfunction isBigIntLiteral(node, opts) {\n  if (!node) return false;\n  const nodeType =
node.type;\n  if (nodeType === \"BigIntLiteral\") {\n    if (typeof opts === \"undefined\") {\n      return true;\n    }
else {\n      return (0, _shallowEqual.default)(node, opts);\n    } }\n\n return false;\n}\n\nfunction
isExportNamespaceSpecifier(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if
(nodeType === \"ExportNamespaceSpecifier\") {\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else
{\n      return (0, _shallowEqual.default)(node, opts);\n    } }\n }\n\n return false;\n}\n\nfunction
isOptionalMemberExpression(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if
(nodeType === \"OptionalMemberExpression\") {\n    if (typeof opts === \"undefined\") {\n      return true;\n    }
else {\n      return (0, _shallowEqual.default)(node, opts);\n    } }\n }\n\n return false;\n}\n\nfunction
isOptionalCallExpression(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if (nodeType
=== \"OptionalCallExpression\") {\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return
(0, _shallowEqual.default)(node, opts);\n    } }\n }\n\n return false;\n}\n\nfunction isAnyTypeAnnotation(node, opts)
{\n  if (!node) return false;\n  const nodeType = node.type;\n  if (nodeType === \"AnyTypeAnnotation\") {\n    if
(typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node,
opts);\n    } }\n }\n\n return false;\n}\n\nfunction isArrayTypeAnnotation(node, opts) {\n  if (!node) return
false;\n  const nodeType = node.type;\n  if (nodeType === \"ArrayTypeAnnotation\") {\n    if (typeof opts ===
\"undefined\") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    } }\n }\n\n
return false;\n}\n\nfunction isBooleanTypeAnnotation(node, opts) {\n  if (!node) return false;\n  const nodeType =
node.type;\n  if (nodeType === \"BooleanTypeAnnotation\") {\n    if (typeof opts === \"undefined\") {\n      return
true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    } }\n }\n\n return false;\n}\n\nfunction
isBooleanLiteralTypeAnnotation(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if
(nodeType === \"BooleanLiteralTypeAnnotation\") {\n    if (typeof opts === \"undefined\") {\n      return true;\n    }
else {\n      return (0, _shallowEqual.default)(node, opts);\n    } }\n }\n\n return false;\n}\n\nfunction
isNullLiteralTypeAnnotation(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if
(nodeType === \"NullLiteralTypeAnnotation\") {\n    if (typeof opts === \"undefined\") {\n      return true;\n    }
else {\n      return (0, _shallowEqual.default)(node, opts);\n    } }\n }\n\n return false;\n}\n\nfunction
isClassImplements(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if (nodeType ===
\"ClassImplements\") {\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return (0,
_shallowEqual.default)(node, opts);\n    } }\n }\n\n return false;\n}\n\nfunction isDeclareClass(node, opts) {\n  if
(!node) return false;\n  const nodeType = node.type;\n  if (nodeType === \"DeclareClass\") {\n    if (typeof opts
=== \"undefined\") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    } }\n }\n\n
return false;\n}\n\nfunction isDeclareFunction(node, opts) {\n  if (!node) return false;\n  const nodeType =
node.type;\n  if (nodeType === \"DeclareFunction\") {\n    if (typeof opts === \"undefined\") {\n      return true;\n    }
else {\n      return (0, _shallowEqual.default)(node, opts);\n    } }\n }\n\n return false;\n}\n\nfunction
isDeclareInterface(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if (nodeType ===
\"DeclareInterface\") {\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return (0,
_shallowEqual.default)(node, opts);\n    } }\n }\n\n return false;\n}\n\nfunction isDeclareModule(node, opts) {\n  if
(!node) return false;\n  const nodeType = node.type;\n  if (nodeType === \"DeclareModule\") {\n    if (typeof opts
=== \"undefined\") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    } }\n }\n\n
return false;\n}\n\nfunction isDeclareModuleExports(node, opts) {\n  if (!node) return false;\n  const nodeType =
node.type;\n  if (nodeType === \"DeclareModuleExports\") {\n    if (typeof opts === \"undefined\") {\n      return
true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    } }\n }\n\n return false;\n}\n\nfunction

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"undefined") {\n    return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\nreturn false;\n}\n\nfunction isTypeAnnotation(node, opts) {\n  if (!node) return false;\n  const nodeType =\n  node.type;\n\n  if (nodeType === "TypeAnnotation") {\n    if (typeof opts === "undefined") {\n      return true;\n    }\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\nreturn false;\n}\n\nfunction\nisTypeCastExpression(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType ===\n  "TypeCastExpression") {\n    if (typeof opts === "undefined") {\n      return true;\n    }\n  } else {\n    return (0,\n    _shallowEqual.default)(node, opts);\n  }\n }\n\nreturn false;\n}\n\nfunction isTypeParameter(node, opts) {\n  if\n  (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType === "TypeParameter") {\n    if (typeof opts\n    === "undefined") {\n      return true;\n    }\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\nreturn\n  false;\n}\n\nfunction isTypeParameterDeclaration(node, opts) {\n  if (!node) return false;\n  const nodeType =\n  node.type;\n\n  if (nodeType === "TypeParameterDeclaration") {\n    if (typeof opts === "undefined") {\n      return\n      true;\n    }\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\nreturn\n  false;\n}\n\nfunction isTypeParameterInstantiation(node, opts) {\n  if (!node) return false;\n  const nodeType =\n  node.type;\n\n  if (nodeType === "TypeParameterInstantiation") {\n    if (typeof opts === "undefined") {\n      return\n      true;\n    }\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\nreturn\n  false;\n}\n\nfunction isUnionTypeAnnotation(node, opts) {\n  if (!node) return false;\n  const nodeType =\n  node.type;\n\n  if (nodeType === "UnionTypeAnnotation") {\n    if (typeof opts === "undefined") {\n      return\n      true;\n    }\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\nreturn\n  false;\n}\n\nfunction\nisVariance(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType ===\n  "Variance") {\n    if (typeof opts === "undefined") {\n      return true;\n    }\n  } else {\n    return (0,\n    _shallowEqual.default)(node, opts);\n  }\n }\n\nreturn\n  false;\n}\n\nfunction isVoidTypeAnnotation(node, opts)\n  {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType === "VoidTypeAnnotation") {\n    if\n    (typeof opts === "undefined") {\n      return true;\n    }\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n\n  }\n\nreturn\n  false;\n}\n\nfunction isEnumDeclaration(node, opts) {\n  if (!node) return false;\n  const nodeType\n  = node.type;\n\n  if (nodeType === "EnumDeclaration") {\n    if (typeof opts === "undefined") {\n      return\n      true;\n    }\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\nreturn\n  false;\n}\n\nfunction\nisEnumBooleanBody(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType ===\n  "EnumBooleanBody") {\n    if (typeof opts === "undefined") {\n      return true;\n    }\n  } else {\n    return (0,\n    _shallowEqual.default)(node, opts);\n  }\n }\n\nreturn\n  false;\n}\n\nfunction isEnumNumberBody(node, opts) {\n  if\n  (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType === "EnumNumberBody") {\n    if\n    (typeof opts === "undefined") {\n      return true;\n    }\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n\n  }\n\nreturn\n  false;\n}\n\nfunction isEnumStringBody(node, opts) {\n  if (!node) return false;\n  const nodeType\n  = node.type;\n\n  if (nodeType === "EnumStringBody") {\n    if (typeof opts === "undefined") {\n      return\n      true;\n    }\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\nreturn\n  false;\n}\n\nfunction\nisEnumSymbolBody(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType ===\n  "EnumSymbolBody") {\n    if (typeof opts === "undefined") {\n      return true;\n    }\n  } else {\n    return (0,\n    _shallowEqual.default)(node, opts);\n  }\n }\n\nreturn\n  false;\n}\n\nfunction isEnumBooleanMember(node, opts)\n  {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType === "EnumBooleanMember") {\n    if\n    (typeof opts === "undefined") {\n      return true;\n    }\n  } else {\n    return (0, _shallowEqual.default)(node,\n    opts);\n  }\n }\n\nreturn\n  false;\n}\n\nfunction isEnumNumberMember(node, opts) {\n  if (!node) return false;\n  const\n  nodeType = node.type;\n\n  if (nodeType === "EnumNumberMember") {\n    if (typeof opts ===\n    "undefined") {\n      return true;\n    }\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n\n  }\n\nreturn\n  false;\n}\n\nfunction isEnumStringMember(node, opts) {\n  if (!node) return false;\n  const nodeType =\n  node.type;\n\n  if (nodeType === "EnumStringMember") {\n    if (typeof opts === "undefined") {\n      return\n      true;\n    }\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\nreturn\n  false;\n}\n\nfunction\nisEnumDefaultedMember(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType\n  === "EnumDefaultedMember") {\n    if (typeof opts === "undefined") {\n      return true;\n    }\n  } else {\n    return\n    (0, _shallowEqual.default)(node, opts);\n  }\n }\n\nreturn\n  false;\n}\n\nfunction isJSXAttribute(node, opts) {\n  if

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isArgumentPlaceholder(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"ArgumentPlaceholder\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isBindExpression(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"BindExpression\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isClassProperty(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"ClassProperty\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isPipelineTopicExpression(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"PipelineTopicExpression\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isPipelineBareFunction(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"PipelineBareFunction\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isPipelinePrimaryTopicReference(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"PipelinePrimaryTopicReference\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isClassPrivateProperty(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"ClassPrivateProperty\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isClassPrivateMethod(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"ClassPrivateMethod\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isImportAttribute(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"ImportAttribute\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isDecorator(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"Decorator\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isDoExpression(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"DoExpression\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isExportDefaultSpecifier(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"ExportDefaultSpecifier\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isPrivateName(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"PrivateName\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isRecordExpression(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"RecordExpression\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isTupleExpression(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"TupleExpression\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isDecimalLiteral(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"DecimalLiteral\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isStaticBlock(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"StaticBlock\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction isTSPParameterProperty(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"TSPParameterProperty\") {\n if (typeof opts === \"undefined\") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n }\n\n return false;\n}\n\nfunction

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return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\n return
false;\n}\n\nfunction isTSInferType(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if
(nodeType === \"TSInferType\") {\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return
(0, _shallowEqual.default)(node, opts);\n    }\n  }\n\n  return false;\n}\n\nfunction isTSParenthesizedType(node,
opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if (nodeType === \"TSParenthesizedType\")
{\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node,
opts);\n    }\n  }\n\n  return false;\n}\n\nfunction isTSTypeOperator(node, opts) {\n  if (!node) return false;\n  const
nodeType = node.type;\n  if (nodeType === \"TSTypeOperator\") {\n    if (typeof opts === \"undefined\") {\n      return
true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n\n  return
false;\n}\n\nfunction isTSIndexedAccessType(node, opts) {\n  if (!node) return false;\n  const nodeType =
node.type;\n  if (nodeType === \"TSIndexedAccessType\") {\n    if (typeof opts === \"undefined\") {\n      return
true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n\n  return false;\n}\n\nfunction
isTSMappedType(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if (nodeType ===
\"TSMappedType\") {\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return (0,
_shallowEqual.default)(node, opts);\n    }\n  }\n\n  return false;\n}\n\nfunction isTSLiteralType(node, opts) {\n  if
(!node) return false;\n  const nodeType = node.type;\n  if (nodeType === \"TSLiteralType\") {\n    if (typeof opts
=== \"undefined\") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n\n
return false;\n}\n\nfunction isTSExpressionWithTypeArguments(node, opts) {\n  if (!node) return false;\n  const
nodeType = node.type;\n  if (nodeType === \"TSExpressionWithTypeArguments\") {\n    if (typeof opts ===
\"undefined\") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n\n
return false;\n}\n\nfunction isTSInterfaceDeclaration(node, opts) {\n  if (!node) return false;\n  const nodeType =
node.type;\n  if (nodeType === \"TSInterfaceDeclaration\") {\n    if (typeof opts === \"undefined\") {\n      return
true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n\n  return false;\n}\n\nfunction
isTSInterfaceBody(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if (nodeType ===
\"TSInterfaceBody\") {\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return (0,
_shallowEqual.default)(node, opts);\n    }\n  }\n\n  return false;\n}\n\nfunction isTSTypeAliasDeclaration(node,
opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if (nodeType ===
\"TSTypeAliasDeclaration\") {\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return (0,
_shallowEqual.default)(node, opts);\n    }\n  }\n\n  return false;\n}\n\nfunction isTSAsExpression(node, opts) {\n  if
(!node) return false;\n  const nodeType = node.type;\n  if (nodeType === \"TSAsExpression\") {\n    if (typeof
opts === \"undefined\") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n
}\n\n  return false;\n}\n\nfunction isTSTypeAssertion(node, opts) {\n  if (!node) return false;\n  const nodeType =
node.type;\n  if (nodeType === \"TSTypeAssertion\") {\n    if (typeof opts === \"undefined\") {\n      return true;\n
    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n\n  return false;\n}\n\nfunction
isTSEnumDeclaration(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if (nodeType ===
\"TSEnumDeclaration\") {\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return (0,
_shallowEqual.default)(node, opts);\n    }\n  }\n\n  return false;\n}\n\nfunction isTSEnumMember(node, opts) {\n  if
(!node) return false;\n  const nodeType = node.type;\n  if (nodeType === \"TSEnumMember\") {\n    if (typeof
opts === \"undefined\") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n
}\n\n  return false;\n}\n\nfunction isTSMODULEDeclaration(node, opts) {\n  if (!node) return false;\n  const nodeType
= node.type;\n  if (nodeType === \"TSMODULEDeclaration\") {\n    if (typeof opts === \"undefined\") {\n      return
true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n\n  return false;\n}\n\nfunction
isTSMODULEBlock(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if (nodeType ===
\"TSMODULEBlock\") {\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return (0,
_shallowEqual.default)(node, opts);\n    }\n  }\n\n  return false;\n}\n\nfunction isTSImportType(node, opts) {\n  if
(!node) return false;\n  const nodeType = node.type;\n  if (nodeType === \"TSImportType\") {\n    if (typeof
opts === \"undefined\") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n
}\n\n  return false;\n}\n\nfunction isTSImportEqualsDeclaration(node, opts) {\n  if (!node) return false;\n  const nodeType

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= node.type;\n\n if (nodeType === \"TSImportEqualsDeclaration\") {\n  if (typeof opts === \"undefined\") {\n  return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\n return
false;\n}\n\nfunction isTSExternalModuleReference(node, opts) {\n if (!node) return false;\n const nodeType =
node.type;\n\n if (nodeType === \"TSExternalModuleReference\") {\n  if (typeof opts === \"undefined\") {\n
return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\n return
false;\n}\n\nfunction isTSNonNullExpression(node, opts) {\n if (!node) return false;\n const nodeType =
node.type;\n\n if (nodeType === \"TSNonNullExpression\") {\n  if (typeof opts === \"undefined\") {\n  return
true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\n return false;\n}\n\nfunction
isTSExportAssignment(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType
=== \"TSExportAssignment\") {\n  if (typeof opts === \"undefined\") {\n    return true;\n  } else {\n    return (0,
_shallowEqual.default)(node, opts);\n  }\n }\n\n return false;\n}\n\nfunction
isTSNamespaceExportDeclaration(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if
(nodeType === \"TSNamespaceExportDeclaration\") {\n  if (typeof opts === \"undefined\") {\n    return true;\n
}\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\n return false;\n}\n\nfunction
isTSTypeAnnotation(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType ===
\"TSTypeAnnotation\") {\n  if (typeof opts === \"undefined\") {\n    return true;\n  } else {\n    return (0,
_shallowEqual.default)(node, opts);\n  }\n }\n\n return false;\n}\n\nfunction
isTSTypeParameterInstantiation(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if
(nodeType === \"TSTypeParameterInstantiation\") {\n  if (typeof opts === \"undefined\") {\n    return true;\n
}\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\n return false;\n}\n\nfunction
isTSTypeParameterDeclaration(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if
(nodeType === \"TSTypeParameterDeclaration\") {\n  if (typeof opts === \"undefined\") {\n    return true;\n  }
else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\n return false;\n}\n\nfunction
isTSTypeParameter(node, opts) {\n if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType ===
\"TSTypeParameter\") {\n  if (typeof opts === \"undefined\") {\n    return true;\n  } else {\n    return (0,
_shallowEqual.default)(node, opts);\n  }\n }\n\n return false;\n}\n\nfunction isExpression(node, opts) {\n if
(!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"Expression\" || \"ArrayExpression\"
=== nodeType || \"AssignmentExpression\" === nodeType || \"BinaryExpression\" === nodeType ||
\"CallExpression\" === nodeType || \"ConditionalExpression\" === nodeType || \"FunctionExpression\" ===
nodeType || \"Identifier\" === nodeType || \"StringLiteral\" === nodeType || \"NumericLiteral\" === nodeType ||
\"NullLiteral\" === nodeType || \"BooleanLiteral\" === nodeType || \"RegExpLiteral\" === nodeType ||
\"LogicalExpression\" === nodeType || \"MemberExpression\" === nodeType || \"NewExpression\" === nodeType
|| \"ObjectExpression\" === nodeType || \"SequenceExpression\" === nodeType || \"ParenthesizedExpression\" ===
nodeType || \"ThisExpression\" === nodeType || \"UnaryExpression\" === nodeType || \"UpdateExpression\" ===
nodeType || \"ArrowFunctionExpression\" === nodeType || \"ClassExpression\" === nodeType || \"MetaProperty\"
=== nodeType || \"Super\" === nodeType || \"TaggedTemplateExpression\" === nodeType || \"TemplateLiteral\"
=== nodeType || \"YieldExpression\" === nodeType || \"AwaitExpression\" === nodeType || \"Import\" ===
nodeType || \"BigIntLiteral\" === nodeType || \"OptionalMemberExpression\" === nodeType ||
\"OptionalCallExpression\" === nodeType || \"TypeCastExpression\" === nodeType || \"JSXElement\" ===
nodeType || \"JSXFragment\" === nodeType || \"BindExpression\" === nodeType ||
\"PipelinePrimaryTopicReference\" === nodeType || \"DoExpression\" === nodeType || \"RecordExpression\" ===
nodeType || \"TupleExpression\" === nodeType || \"DecimalLiteral\" === nodeType || \"TSAsExpression\" ===
nodeType || \"TSTypeAssertion\" === nodeType || \"TSNonNullExpression\" === nodeType || nodeType ===
\"Placeholder\" && (!\"Expression\" === node.expectedNode || \"Identifier\" === node.expectedNode ||
\"StringLiteral\" === node.expectedNode)) {\n  if (typeof opts === \"undefined\") {\n    return true;\n  } else {\n
return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\n return false;\n}\n\nfunction isBinary(node, opts) {\n
if (!node) return false;\n const nodeType = node.type;\n\n if (nodeType === \"Binary\" || \"BinaryExpression\" ===
nodeType || \"LogicalExpression\" === nodeType) {\n  if (typeof opts === \"undefined\") {\n    return true;\n  }
}

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else {
    return (0, _shallowEqual.default)(node, opts);
}
}
return false;
}
function
isScopable(node, opts) {
    if (!node) return false;
    const nodeType = node.type;
    if (nodeType ===
    \"Scopable\" || \"BlockStatement\" === nodeType || \"CatchClause\" === nodeType || \"DoWhileStatement\" ===
    nodeType || \"ForInStatement\" === nodeType || \"ForStatement\" === nodeType || \"FunctionDeclaration\" ===
    nodeType || \"FunctionExpression\" === nodeType || \"Program\" === nodeType || \"ObjectMethod\" === nodeType
    || \"SwitchStatement\" === nodeType || \"WhileStatement\" === nodeType || \"ArrowFunctionExpression\" ===
    nodeType || \"ClassExpression\" === nodeType || \"ClassDeclaration\" === nodeType || \"ForOfStatement\" ===
    nodeType || \"ClassMethod\" === nodeType || \"ClassPrivateMethod\" === nodeType || \"StaticBlock\" ===
    nodeType || \"TSMODULE_BLOCK\" === nodeType || nodeType === \"Placeholder\" && \"BlockStatement\" ===
    node.expectedNode) {
        if (typeof opts === \"undefined\") {
            return true;
        } else {
            return (0,
            _shallowEqual.default)(node, opts);
        }
    }
    return false;
}
function isBlockParent(node, opts) {
    if (!node) return false;
    const nodeType = node.type;
    if (nodeType === \"BlockParent\" || \"BlockStatement\"
    === nodeType || \"CatchClause\" === nodeType || \"DoWhileStatement\" === nodeType || \"ForInStatement\" ===
    nodeType || \"ForStatement\" === nodeType || \"FunctionDeclaration\" === nodeType || \"FunctionExpression\" ===
    nodeType || \"Program\" === nodeType || \"ObjectMethod\" === nodeType || \"SwitchStatement\" === nodeType ||
    \"WhileStatement\" === nodeType || \"ArrowFunctionExpression\" === nodeType || \"ForOfStatement\" ===
    nodeType || \"ClassMethod\" === nodeType || \"ClassPrivateMethod\" === nodeType || \"StaticBlock\" ===
    nodeType || \"TSMODULE_BLOCK\" === nodeType || nodeType === \"Placeholder\" && \"BlockStatement\" ===
    node.expectedNode) {
        if (typeof opts === \"undefined\") {
            return true;
        } else {
            return (0,
            _shallowEqual.default)(node, opts);
        }
    }
    return false;
}
function isBlock(node, opts) {
    if (!node)
    return false;
    const nodeType = node.type;
    if (nodeType === \"Block\" || \"BlockStatement\" === nodeType ||
    \"Program\" === nodeType || \"TSMODULE_BLOCK\" === nodeType || nodeType === \"Placeholder\" &&
    \"BlockStatement\" === node.expectedNode) {
        if (typeof opts === \"undefined\") {
            return true;
        } else {
            return (0, _shallowEqual.default)(node, opts);
        }
    }
    return false;
}
function isStatement(node,
opts) {
    if (!node) return false;
    const nodeType = node.type;
    if (nodeType === \"Statement\" ||
    \"BlockStatement\" === nodeType || \"BreakStatement\" === nodeType || \"ContinueStatement\" === nodeType ||
    \"DebuggerStatement\" === nodeType || \"DoWhileStatement\" === nodeType || \"EmptyStatement\" === nodeType
    || \"ExpressionStatement\" === nodeType || \"ForInStatement\" === nodeType || \"ForStatement\" === nodeType ||
    \"FunctionDeclaration\" === nodeType || \"IfStatement\" === nodeType || \"LabeledStatement\" === nodeType ||
    \"ReturnStatement\" === nodeType || \"SwitchStatement\" === nodeType || \"ThrowStatement\" === nodeType ||
    \"TryStatement\" === nodeType || \"VariableDeclaration\" === nodeType || \"WhileStatement\" === nodeType ||
    \"WithStatement\" === nodeType || \"ClassDeclaration\" === nodeType || \"ExportAllDeclaration\" === nodeType ||
    \"ExportDefaultDeclaration\" === nodeType || \"ExportNamedDeclaration\" === nodeType || \"ForOfStatement\"
    === nodeType || \"ImportDeclaration\" === nodeType || \"DeclareClass\" === nodeType || \"DeclareFunction\" ===
    nodeType || \"DeclareInterface\" === nodeType || \"DeclareModule\" === nodeType || \"DeclareModuleExports\"
    === nodeType || \"DeclareTypeAlias\" === nodeType || \"DeclareOpaqueType\" === nodeType ||
    \"DeclareVariable\" === nodeType || \"DeclareExportDeclaration\" === nodeType ||
    \"DeclareExportAllDeclaration\" === nodeType || \"InterfaceDeclaration\" === nodeType || \"OpaqueType\" ===
    nodeType || \"TypeAlias\" === nodeType || \"EnumDeclaration\" === nodeType || \"TSDeclareFunction\" ===
    nodeType || \"TSInterfaceDeclaration\" === nodeType || \"TSTypeAliasDeclaration\" === nodeType ||
    \"TSEnumDeclaration\" === nodeType || \"TSMODULE_DECLARATION\" === nodeType || \"TSImportEqualsDeclaration\"
    === nodeType || \"TSEXPORT_ASSIGNMENT\" === nodeType || \"TSNamespaceExportDeclaration\" === nodeType ||
    nodeType === \"Placeholder\" && (\"Statement\" === node.expectedNode || \"Declaration\" ===
    node.expectedNode || \"BlockStatement\" === node.expectedNode)) {
        if (typeof opts === \"undefined\") {
            return true;
        } else {
            return (0, _shallowEqual.default)(node, opts);
        }
    }
    return
    false;
}
function isTerminatorless(node, opts) {
    if (!node) return false;
    const nodeType = node.type;
    if (nodeType === \"Terminatorless\" || \"BreakStatement\" === nodeType || \"ContinueStatement\" === nodeType ||
    \"ReturnStatement\" === nodeType || \"ThrowStatement\" === nodeType || \"YieldExpression\" === nodeType ||

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"AwaitExpression" === nodeType) {\n  if (typeof opts === "undefined") {\n    return true;\n  } else {\n
return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\n return false;\n}\n\nfunction
isCompletionStatement(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType
=== "CompletionStatement" || "BreakStatement" === nodeType || "ContinueStatement" === nodeType ||
"ReturnStatement" === nodeType || "ThrowStatement" === nodeType) {\n    if (typeof opts === "undefined")
{\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n\n  return
false;\n}\n\nfunction isConditional(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if
(nodeType === "Conditional" || "ConditionalExpression" === nodeType || "IfStatement" === nodeType) {\n
if (typeof opts === "undefined") {\n    return true;\n  } else {\n    return (0, _shallowEqual.default)(node,
opts);\n  }\n }\n\n return false;\n}\n\nfunction isLoop(node, opts) {\n  if (!node) return false;\n  const nodeType =
node.type;\n\n  if (nodeType === "Loop" || "DoWhileStatement" === nodeType || "ForInStatement" ===
nodeType || "ForStatement" === nodeType || "WhileStatement" === nodeType || "ForOfStatement" ===
nodeType) {\n    if (typeof opts === "undefined") {\n      return true;\n    } else {\n      return (0,
_shallowEqual.default)(node, opts);\n    }\n  }\n }\n\n return false;\n}\n\nfunction isWhile(node, opts) {\n  if (!node)
return false;\n  const nodeType = node.type;\n\n  if (nodeType === "While" || "DoWhileStatement" ===
nodeType || "WhileStatement" === nodeType) {\n    if (typeof opts === "undefined") {\n      return true;\n    }
else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n }\n\n return false;\n}\n\nfunction
isExpressionWrapper(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType ===
"ExpressionWrapper" || "ExpressionStatement" === nodeType || "ParenthesizedExpression" === nodeType ||
"TypeCastExpression" === nodeType) {\n    if (typeof opts === "undefined") {\n      return true;\n    } else {\n
return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n }\n\n return false;\n}\n\nfunction isFor(node, opts) {\n  if
(!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType === "For" || "ForInStatement" ===
nodeType || "ForStatement" === nodeType || "ForOfStatement" === nodeType) {\n    if (typeof opts ===
"undefined") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n }\n\n
return false;\n}\n\nfunction isForXStatement(node, opts) {\n  if (!node) return false;\n  const nodeType =
node.type;\n\n  if (nodeType === "ForXStatement" || "ForInStatement" === nodeType || "ForOfStatement" ===
nodeType) {\n    if (typeof opts === "undefined") {\n      return true;\n    } else {\n      return (0,
_shallowEqual.default)(node, opts);\n    }\n  }\n }\n\n return false;\n}\n\nfunction isFunction(node, opts) {\n  if (!node)
return false;\n  const nodeType = node.type;\n\n  if (nodeType === "Function" || "FunctionDeclaration" ===
nodeType || "FunctionExpression" === nodeType || "ObjectMethod" === nodeType ||
"ArrowFunctionExpression" === nodeType || "ClassMethod" === nodeType || "ClassPrivateMethod" ===
nodeType) {\n    if (typeof opts === "undefined") {\n      return true;\n    } else {\n      return (0,
_shallowEqual.default)(node, opts);\n    }\n  }\n }\n\n return false;\n}\n\nfunction isFunctionParent(node, opts) {\n  if
(!node) return false;\n  const nodeType = node.type;\n\n  if (nodeType === "FunctionParent" ||
"FunctionDeclaration" === nodeType || "FunctionExpression" === nodeType || "ObjectMethod" === nodeType
|| "ArrowFunctionExpression" === nodeType || "ClassMethod" === nodeType || "ClassPrivateMethod" ===
nodeType) {\n    if (typeof opts === "undefined") {\n      return true;\n    } else {\n      return (0,
_shallowEqual.default)(node, opts);\n    }\n  }\n }\n\n return false;\n}\n\nfunction isPureish(node, opts) {\n  if (!node)
return false;\n  const nodeType = node.type;\n\n  if (nodeType === "Pureish" || "FunctionDeclaration" ===
nodeType || "FunctionExpression" === nodeType || "StringLiteral" === nodeType || "NumericLiteral" ===
nodeType || "NullLiteral" === nodeType || "BooleanLiteral" === nodeType || "RegExpLiteral" === nodeType ||
"ArrowFunctionExpression" === nodeType || "BigIntLiteral" === nodeType || "DecimalLiteral" === nodeType
|| nodeType === "Placeholder" && "StringLiteral" === node.expectedNode) {\n    if (typeof opts ===
"undefined") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n }\n\n
return false;\n}\n\nfunction isDeclaration(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n\n  if
(nodeType === "Declaration" || "FunctionDeclaration" === nodeType || "VariableDeclaration" === nodeType
|| "ClassDeclaration" === nodeType || "ExportAllDeclaration" === nodeType || "ExportDefaultDeclaration" ===
nodeType || "ExportNamedDeclaration" === nodeType || "ImportDeclaration" === nodeType || "DeclareClass"

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=== nodeType || \"DeclareFunction\" === nodeType || \"DeclareInterface\" === nodeType || \"DeclareModule\" ===
nodeType || \"DeclareModuleExports\" === nodeType || \"DeclareTypeAlias\" === nodeType ||
\"DeclareOpaqueType\" === nodeType || \"DeclareVariable\" === nodeType || \"DeclareExportDeclaration\" ===
nodeType || \"DeclareExportAllDeclaration\" === nodeType || \"InterfaceDeclaration\" === nodeType ||
\"OpaqueType\" === nodeType || \"TypeAlias\" === nodeType || \"EnumDeclaration\" === nodeType ||
\"TSDeclareFunction\" === nodeType || \"TSInterfaceDeclaration\" === nodeType || \"TSTypeAliasDeclaration\"
=== nodeType || \"TSEnumDeclaration\" === nodeType || \"TSMODULEDeclaration\" === nodeType || nodeType
=== \"Placeholder\" && \"Declaration\" === node.expectedNode) {\n  if (typeof opts === \"undefined\") {\n
return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\n return
false;\n}\n\nfunction isPatternLike(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if
(nodeType === \"PatternLike\" || \"Identifier\" === nodeType || \"RestElement\" === nodeType ||
\"AssignmentPattern\" === nodeType || \"ArrayPattern\" === nodeType || \"ObjectPattern\" === nodeType ||
nodeType === \"Placeholder\" && (\"Pattern\" === node.expectedNode || \"Identifier\" === node.expectedNode))
{\n  if (typeof opts === \"undefined\") {\n    return true;\n  } else {\n    return (0, _shallowEqual.default)(node,
opts);\n  }\n }\n\n return false;\n}\n\nfunction isLVal(node, opts) {\n  if (!node) return false;\n  const nodeType =
node.type;\n  if (nodeType === \"LVal\" || \"Identifier\" === nodeType || \"MemberExpression\" === nodeType ||
\"RestElement\" === nodeType || \"AssignmentPattern\" === nodeType || \"ArrayPattern\" === nodeType ||
\"ObjectPattern\" === nodeType || \"TSParameterProperty\" === nodeType || nodeType === \"Placeholder\" &&
(\"Pattern\" === node.expectedNode || \"Identifier\" === node.expectedNode)) {\n  if (typeof opts ===
\"undefined\") {\n    return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n }\n\n
return false;\n}\n\nfunction isTSEntityName(node, opts) {\n  if (!node) return false;\n  const nodeType =
node.type;\n  if (nodeType === \"TSEntityName\" || \"Identifier\" === nodeType || \"TSQualifiedName\" ===
nodeType || nodeType === \"Placeholder\" && \"Identifier\" === node.expectedNode) {\n  if (typeof opts ===
\"undefined\") {\n    return true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n }\n\n
return false;\n}\n\nfunction isLiteral(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if
(nodeType === \"Literal\" || \"StringLiteral\" === nodeType || \"NumericLiteral\" === nodeType || \"NullLiteral\"
=== nodeType || \"BooleanLiteral\" === nodeType || \"RegExpLiteral\" === nodeType || \"TemplateLiteral\" ===
nodeType || \"BigIntLiteral\" === nodeType || \"DecimalLiteral\" === nodeType || nodeType === \"Placeholder\"
&& \"StringLiteral\" === node.expectedNode) {\n  if (typeof opts === \"undefined\") {\n    return true;\n  } else
{\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n }\n\n return false;\n}\n\nfunction isImmutable(node,
opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if (nodeType === \"Immutable\" ||
\"StringLiteral\" === nodeType || \"NumericLiteral\" === nodeType || \"NullLiteral\" === nodeType ||
\"BooleanLiteral\" === nodeType || \"BigIntLiteral\" === nodeType || \"JSXAttribute\" === nodeType ||
\"JSXClosingElement\" === nodeType || \"JSXElement\" === nodeType || \"JSXExpressionContainer\" ===
nodeType || \"JSXSpreadChild\" === nodeType || \"JSXOpeningElement\" === nodeType || \"JSXText\" ===
nodeType || \"JSXFragment\" === nodeType || \"JSXOpeningFragment\" === nodeType || \"JSXClosingFragment\"
=== nodeType || \"DecimalLiteral\" === nodeType || nodeType === \"Placeholder\" && \"StringLiteral\" ===
node.expectedNode) {\n  if (typeof opts === \"undefined\") {\n    return true;\n  } else {\n    return (0,
_shallowEqual.default)(node, opts);\n  }\n }\n }\n\n return false;\n}\n\nfunction isUserWhitespacable(node, opts) {\n
if (!node) return false;\n  const nodeType = node.type;\n  if (nodeType === \"UserWhitespacable\" ||
\"ObjectMethod\" === nodeType || \"ObjectProperty\" === nodeType || \"ObjectTypeInternalSlot\" === nodeType ||
\"ObjectTypeCallProperty\" === nodeType || \"ObjectTypeIndexer\" === nodeType || \"ObjectTypeProperty\" ===
nodeType || \"ObjectTypeSpreadProperty\" === nodeType) {\n  if (typeof opts === \"undefined\") {\n    return
true;\n  } else {\n    return (0, _shallowEqual.default)(node, opts);\n  }\n }\n }\n\n return false;\n}\n\nfunction
isMethod(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if (nodeType === \"Method\"
|| \"ObjectMethod\" === nodeType || \"ClassMethod\" === nodeType || \"ClassPrivateMethod\" === nodeType) {\n
if (typeof opts === \"undefined\") {\n    return true;\n  } else {\n    return (0, _shallowEqual.default)(node,
opts);\n  }\n }\n }\n\n return false;\n}\n\nfunction isObjectMember(node, opts) {\n  if (!node) return false;\n  const

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nodeType = node.type;\n\n if (nodeType === \"ObjectMember\" || \"ObjectMethod\" === nodeType ||
\"ObjectProperty\" === nodeType) {\n  if (typeof opts === \"undefined\") {\n    return true;\n  } else {\n
return (0, _shallowEqual.default)(node, opts);\n  }\n }\n\n return false;\n}\n\nfunction isProperty(node, opts) {\n
if (!node) return false;\n  const nodeType = node.type;\n  if (nodeType === \"Property\" || \"ObjectProperty\" ===
nodeType || \"ClassProperty\" === nodeType || \"ClassPrivateProperty\" === nodeType) {\n    if (typeof opts ===
\"undefined\") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n
\n  return false;\n}\n\nfunction isUnaryLike(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n
if (nodeType === \"UnaryLike\" || \"UnaryExpression\" === nodeType || \"SpreadElement\" === nodeType) {\n    if
(typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node,
opts);\n    }\n  }\n }\n\n return false;\n}\n\nfunction isPattern(node, opts) {\n  if (!node) return false;\n
const nodeType = node.type;\n  if (nodeType === \"Pattern\" || \"AssignmentPattern\" === nodeType || \"ArrayPattern\"
=== nodeType || \"ObjectPattern\" === nodeType || nodeType === \"Placeholder\" && \"Pattern\" ===
node.expectedNode) {\n    if (typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return (0,
_shallowEqual.default)(node, opts);\n    }\n  }\n }\n\n return false;\n}\n\nfunction isClass(node, opts) {\n  if
(!node) return false;\n  const nodeType = node.type;\n  if (nodeType === \"Class\" || \"ClassExpression\" ===
nodeType || \"ClassDeclaration\" === nodeType) {\n    if (typeof opts === \"undefined\") {\n      return true;\n
    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n }\n\n return false;\n}\n\nfunction
isModuleDeclaration(node, opts) {\n  if (!node) return false;\n  const nodeType = node.type;\n  if (nodeType ===
\"ModuleDeclaration\" || \"ExportAllDeclaration\" === nodeType || \"ExportDefaultDeclaration\" === nodeType ||
\"ExportNamedDeclaration\" === nodeType || \"ImportDeclaration\" === nodeType) {\n    if (typeof opts ===
\"undefined\") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n
}\n }\n\n return false;\n}\n\nfunction isExportDeclaration(node, opts) {\n  if (!node) return false;\n  const
nodeType = node.type;\n  if (nodeType === \"ExportDeclaration\" || \"ExportAllDeclaration\" === nodeType ||
\"ExportDefaultDeclaration\" === nodeType || \"ExportNamedDeclaration\" === nodeType) {\n    if (typeof opts
=== \"undefined\") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n
}\n }\n }\n\n return false;\n}\n\nfunction isModuleSpecifier(node, opts) {\n  if (!node) return false;\n  const
nodeType = node.type;\n  if (nodeType === \"ModuleSpecifier\" || \"ExportSpecifier\" === nodeType ||
\"ImportDefaultSpecifier\" === nodeType || \"ImportNamespaceSpecifier\" === nodeType || \"ImportSpecifier\"
=== nodeType || \"ExportNamespaceSpecifier\" === nodeType || \"ExportDefaultSpecifier\" === nodeType) {\n    if
(typeof opts === \"undefined\") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node,
opts);\n    }\n  }\n }\n }\n\n return false;\n}\n\nfunction isFlow(node, opts) {\n  if (!node) return false;\n
const nodeType = node.type;\n  if (nodeType === \"Flow\" || \"AnyTypeAnnotation\" === nodeType || \"ArrayTypeAnnotation\"
=== nodeType || \"BooleanTypeAnnotation\" === nodeType || \"BooleanLiteralTypeAnnotation\" === nodeType ||
\"NullLiteralTypeAnnotation\" === nodeType || \"ClassImplements\" === nodeType || \"DeclareClass\" ===
nodeType || \"DeclareFunction\" === nodeType || \"DeclareInterface\" === nodeType || \"DeclareModule\" ===
nodeType || \"DeclareModuleExports\" === nodeType || \"DeclareTypeAlias\" === nodeType ||
\"DeclareOpaqueType\" === nodeType || \"DeclareVariable\" === nodeType || \"DeclareExportDeclaration\" ===
nodeType || \"DeclareExportAllDeclaration\" === nodeType || \"DeclaredPredicate\" === nodeType ||
\"ExistsTypeAnnotation\" === nodeType || \"FunctionTypeAnnotation\" === nodeType || \"FunctionTypeParam\"
=== nodeType || \"GenericTypeAnnotation\" === nodeType || \"InferredPredicate\" === nodeType ||
\"InterfaceExtends\" === nodeType || \"InterfaceDeclaration\" === nodeType || \"InterfaceTypeAnnotation\" ===
nodeType || \"IntersectionTypeAnnotation\" === nodeType || \"MixedTypeAnnotation\" === nodeType ||
\"EmptyTypeAnnotation\" === nodeType || \"NullableTypeAnnotation\" === nodeType ||
\"NumberLiteralTypeAnnotation\" === nodeType || \"NumberTypeAnnotation\" === nodeType ||
\"ObjectTypeAnnotation\" === nodeType || \"ObjectTypeInternalSlot\" === nodeType || \"ObjectTypeCallProperty\"
=== nodeType || \"ObjectTypeIndexer\" === nodeType || \"ObjectTypeProperty\" === nodeType ||
\"ObjectTypeSpreadProperty\" === nodeType || \"OpaqueType\" === nodeType || \"QualifiedTypeIdentifier\" ===
nodeType || \"StringLiteralTypeAnnotation\" === nodeType || \"StringTypeAnnotation\" === nodeType ||

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\"SymbolTypeAnnotation\" === nodeType || \"ThisTypeAnnotation\" === nodeType || \"TupleTypeAnnotation\"
=== nodeType || \"TypeofTypeAnnotation\" === nodeType || \"TypeAlias\" === nodeType || \"TypeAnnotation\"
=== nodeType || \"TypeCastExpression\" === nodeType || \"TypeParameter\" === nodeType ||
\"TypeParameterDeclaration\" === nodeType || \"TypeParameterInstantiation\" === nodeType ||
\"UnionTypeAnnotation\" === nodeType || \"Variance\" === nodeType || \"VoidTypeAnnotation\" === nodeType)
{
  if (typeof opts === \"undefined\") {
    return true;
  } else {
    return (0, _shallowEqual.default)(node,
opts);
  }
}
return false;
}
function isFlowType(node, opts) {
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType === \"FlowType\" || \"AnyTypeAnnotation\" === nodeType ||
\"ArrayTypeAnnotation\" === nodeType || \"BooleanTypeAnnotation\" === nodeType ||
\"BooleanLiteralTypeAnnotation\" === nodeType || \"NullLiteralTypeAnnotation\" === nodeType ||
\"ExistsTypeAnnotation\" === nodeType || \"FunctionTypeAnnotation\" === nodeType ||
\"GenericTypeAnnotation\" === nodeType || \"InterfaceTypeAnnotation\" === nodeType ||
\"IntersectionTypeAnnotation\" === nodeType || \"MixedTypeAnnotation\" === nodeType ||
\"EmptyTypeAnnotation\" === nodeType || \"NullableTypeAnnotation\" === nodeType ||
\"NumberLiteralTypeAnnotation\" === nodeType || \"NumberTypeAnnotation\" === nodeType ||
\"ObjectTypeAnnotation\" === nodeType || \"StringLiteralTypeAnnotation\" === nodeType ||
\"StringTypeAnnotation\" === nodeType || \"SymbolTypeAnnotation\" === nodeType || \"ThisTypeAnnotation\"
=== nodeType || \"TupleTypeAnnotation\" === nodeType || \"TypeofTypeAnnotation\" === nodeType ||
\"UnionTypeAnnotation\" === nodeType || \"VoidTypeAnnotation\" === nodeType) {
  if (typeof opts ===
\"undefined\") {
    return true;
  } else {
    return (0, _shallowEqual.default)(node, opts);
  }
}
return false;
}
function isFlowBaseAnnotation(node, opts) {
  if (!node) return false;
  const nodeType =
node.type;
  if (nodeType === \"FlowBaseAnnotation\" || \"AnyTypeAnnotation\" === nodeType ||
\"BooleanTypeAnnotation\" === nodeType || \"NullLiteralTypeAnnotation\" === nodeType ||
\"MixedTypeAnnotation\" === nodeType || \"EmptyTypeAnnotation\" === nodeType || \"NumberTypeAnnotation\"
=== nodeType || \"StringTypeAnnotation\" === nodeType || \"SymbolTypeAnnotation\" === nodeType ||
\"ThisTypeAnnotation\" === nodeType || \"VoidTypeAnnotation\" === nodeType) {
  if (typeof opts ===
\"undefined\") {
    return true;
  } else {
    return (0, _shallowEqual.default)(node, opts);
  }
}
return false;
}
function isFlowDeclaration(node, opts) {
  if (!node) return false;
  const nodeType =
node.type;
  if (nodeType === \"FlowDeclaration\" || \"DeclareClass\" === nodeType || \"DeclareFunction\" ===
nodeType || \"DeclareInterface\" === nodeType || \"DeclareModule\" === nodeType || \"DeclareModuleExports\"
=== nodeType || \"DeclareTypeAlias\" === nodeType || \"DeclareOpaqueType\" === nodeType ||
\"DeclareVariable\" === nodeType || \"DeclareExportDeclaration\" === nodeType ||
\"DeclareExportAllDeclaration\" === nodeType || \"InterfaceDeclaration\" === nodeType || \"OpaqueType\" ===
nodeType || \"TypeAlias\" === nodeType) {
  if (typeof opts === \"undefined\") {
    return true;
  } else {
    return (0, _shallowEqual.default)(node, opts);
  }
}
return false;
}
function isFlowPredicate(node,
opts) {
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType === \"FlowPredicate\" ||
\"DeclaredPredicate\" === nodeType || \"InferredPredicate\" === nodeType) {
  if (typeof opts === \"undefined\")
{
    return true;
  } else {
    return (0, _shallowEqual.default)(node, opts);
  }
}
return
false;
}
function isEnumBody(node, opts) {
  if (!node) return false;
  const nodeType = node.type;
  if
(nodeType === \"EnumBody\" || \"EnumBooleanBody\" === nodeType || \"EnumNumberBody\" === nodeType ||
\"EnumStringBody\" === nodeType || \"EnumSymbolBody\" === nodeType) {
  if (typeof opts ===
\"undefined\") {
    return true;
  } else {
    return (0, _shallowEqual.default)(node, opts);
  }
}
}
return
false;
}
function isEnumMember(node, opts) {
  if (!node) return false;
  const nodeType =
node.type;
  if (nodeType === \"EnumMember\" || \"EnumBooleanMember\" === nodeType ||
\"EnumNumberMember\" === nodeType || \"EnumStringMember\" === nodeType || \"EnumDefaultedMember\"
=== nodeType) {
  if (typeof opts === \"undefined\") {
    return true;
  } else {
    return (0,
_shallowEqual.default)(node, opts);
  }
}
}
return false;
}
function isJSX(node, opts) {
  if (!node)
return false;
  const nodeType = node.type;
  if (nodeType === \"JSX\" || \"JSXAttribute\" === nodeType ||

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\`JSXClosingElement\` === nodeType || \`JSXElement\` === nodeType || \`JSXEmptyExpression\` === nodeType
|| \`JSXExpressionContainer\` === nodeType || \`JSXSpreadChild\` === nodeType || \`JSXIdentifier\` ===
nodeType || \`JSXMemberExpression\` === nodeType || \`JSXNamespacedName\` === nodeType ||
\`JSXOpeningElement\` === nodeType || \`JSXSpreadAttribute\` === nodeType || \`JSXText\` === nodeType ||
\`JSXFragment\` === nodeType || \`JSXOpeningFragment\` === nodeType || \`JSXClosingFragment\` ===
nodeType) {
  if (typeof opts === "undefined") {
    return true;
  } else {
    return (0,
    _shallowEqual.default)(node, opts);
  }
}
return false;
}
function isPrivate(node, opts) {
  if (!node)
  return false;
  const nodeType = node.type;
  if (nodeType === "Private" || "ClassPrivateProperty" ===
  nodeType || "ClassPrivateMethod" === nodeType || "PrivateName" === nodeType) {
    if (typeof opts ===
    "undefined") {
      return true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return false;
}
function isTSTypeElement(node, opts) {
  if (!node) return false;
  const nodeType =
  node.type;
  if (nodeType === "TSTypeElement" || "TSCallSignatureDeclaration" === nodeType ||
  "TSConstructSignatureDeclaration" === nodeType || "TSPropertySignature" === nodeType ||
  "TSMethodSignature" === nodeType || "TSIndexSignature" === nodeType) {
    if (typeof opts ===
    "undefined") {
      return true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return false;
}
function isTSType(node, opts) {
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType === "TSType" || "TSAnyKeyword" === nodeType || "TSBooleanKeyword" === nodeType ||
  "TSBigIntKeyword" === nodeType || "TSIntrinsicKeyword" === nodeType || "TSNeverKeyword" ===
  nodeType || "TSNullKeyword" === nodeType || "TSNumberKeyword" === nodeType || "TSObjectKeyword"
  === nodeType || "TSStringKeyword" === nodeType || "TSSymbolKeyword" === nodeType ||
  "TSUndefinedKeyword" === nodeType || "TSUnknownKeyword" === nodeType || "TSVoidKeyword" ===
  nodeType || "TSThisType" === nodeType || "TSFunctionType" === nodeType || "TSConstructorType" ===
  nodeType || "TSTypeReference" === nodeType || "TSTypePredicate" === nodeType || "TSTypeQuery" ===
  nodeType || "TSTypeLiteral" === nodeType || "TSArrayType" === nodeType || "TSTupleType" === nodeType
  || "TSOptionalType" === nodeType || "TSRestType" === nodeType || "TSUnionType" === nodeType ||
  "TSIntersectionType" === nodeType || "TSConditionalType" === nodeType || "TSInferType" === nodeType ||
  "TSParenthesizedType" === nodeType || "TSTypeOperator" === nodeType || "TSIndexedAccessType" ===
  nodeType || "TSMappedType" === nodeType || "TSLiteralType" === nodeType ||
  "TSExpressionWithTypeArguments" === nodeType || "TSImportType" === nodeType) {
    if (typeof opts ===
    "undefined") {
      return true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return false;
}
function isTSBaseType(node, opts) {
  if (!node) return false;
  const nodeType =
  node.type;
  if (nodeType === "TSBaseType" || "TSAnyKeyword" === nodeType || "TSBooleanKeyword"
  === nodeType || "TSBigIntKeyword" === nodeType || "TSIntrinsicKeyword" === nodeType ||
  "TSNeverKeyword" === nodeType || "TSNullKeyword" === nodeType || "TSNumberKeyword" === nodeType
  || "TSObjectKeyword" === nodeType || "TSStringKeyword" === nodeType || "TSSymbolKeyword" ===
  nodeType || "TSUndefinedKeyword" === nodeType || "TSUnknownKeyword" === nodeType ||
  "TSVoidKeyword" === nodeType || "TSThisType" === nodeType || "TSLiteralType" === nodeType) {
    if
    (typeof opts === "undefined") {
      return true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return false;
}
function isNumberLiteral(node, opts) {
  console.trace("The node type
  NumberLiteral has been renamed to NumericLiteral");
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType === "NumberLiteral") {
    if (typeof opts === "undefined") {
      return true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return false;
}
function isRegexLiteral(node, opts) {
  console.trace("The node type
  RegexLiteral has been renamed to RegExpLiteral");
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType === "RegexLiteral") {
    if (typeof opts === "undefined") {
      return
      true;
    } else {
      return (0, _shallowEqual.default)(node, opts);
    }
  }
  return
  false;
}
function isRestProperty(node, opts) {
  console.trace("The node type
  RestProperty has been renamed
  to RestElement");
  if (!node) return false;
  const nodeType = node.type;
  if (nodeType ===
  "RestProperty") {
    if (typeof opts === "undefined") {
      return true;
    } else {
      return (0,

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_shallowEqual.default)(node, opts);\n  }\n }\n\n return false;\n}\n\nfunction isSpreadProperty(node, opts) {\n  console.trace("The node type SpreadProperty has been renamed to SpreadElement");\n  if (!node) return false;\n  const nodeType = node.type;\n  if (nodeType === "SpreadProperty") {\n    if (typeof opts === "undefined") {\n      return true;\n    } else {\n      return (0, _shallowEqual.default)(node, opts);\n    }\n  }\n  return false;\n},""use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nexports.arrayExpression = arrayExpression;\nexports.assignmentExpression = assignmentExpression;\nexports.binaryExpression = binaryExpression;\nexports.interpreterDirective = interpreterDirective;\nexports.directive = directive;\nexports.directiveLiteral = directiveLiteral;\nexports.blockStatement = blockStatement;\nexports.breakStatement = breakStatement;\nexports.callExpression = callExpression;\nexports.catchClause = catchClause;\nexports.conditionalExpression = conditionalExpression;\nexports.continueStatement = continueStatement;\nexports.debuggerStatement = debuggerStatement;\nexports.doWhileStatement = doWhileStatement;\nexports.emptyStatement = emptyStatement;\nexports.expressionStatement = expressionStatement;\nexports.file = file;\nexports.forInStatement = forInStatement;\nexports.forStatement = forStatement;\nexports.functionDeclaration = functionDeclaration;\nexports.functionExpression = functionExpression;\nexports.identifier = identifier;\nexports.ifStatement = ifStatement;\nexports.labeledStatement = labeledStatement;\nexports.stringLiteral = stringLiteral;\nexports.numericLiteral = numericLiteral;\nexports.nullLiteral = nullLiteral;\nexports.booleanLiteral = booleanLiteral;\nexports.regExpLiteral = regExpLiteral;\nexports.logicalExpression = logicalExpression;\nexports.memberExpression = memberExpression;\nexports.newExpression = newExpression;\nexports.program = program;\nexports.objectExpression = objectExpression;\nexports.objectMethod = objectMethod;\nexports.objectProperty = objectProperty;\nexports.restElement = restElement;\nexports.returnStatement = returnStatement;\nexports.sequenceExpression = sequenceExpression;\nexports.parenthesizedExpression = parenthesizedExpression;\nexports.switchCase = switchCase;\nexports.switchStatement = switchStatement;\nexports.thisExpression = thisExpression;\nexports.throwStatement = throwStatement;\nexports.tryStatement = tryStatement;\nexports.unaryExpression = unaryExpression;\nexports.updateExpression = updateExpression;\nexports.variableDeclaration = variableDeclaration;\nexports.variableDeclarator = variableDeclarator;\nexports.whileStatement = whileStatement;\nexports.withStatement = withStatement;\nexports.assignmentPattern = assignmentPattern;\nexports.arrayPattern = arrayPattern;\nexports.arrowFunctionExpression = arrowFunctionExpression;\nexports.classBody = classBody;\nexports.classExpression = classExpression;\nexports.classDeclaration = classDeclaration;\nexports.exportAllDeclaration = exportAllDeclaration;\nexports.exportDefaultDeclaration = exportDefaultDeclaration;\nexports.exportNamedDeclaration = exportNamedDeclaration;\nexports.exportSpecifier = exportSpecifier;\nexports.forOfStatement = forOfStatement;\nexports.importDeclaration = importDeclaration;\nexports.importDefaultSpecifier = importDefaultSpecifier;\nexports.importNamespaceSpecifier = importNamespaceSpecifier;\nexports.importSpecifier = importSpecifier;\nexports.metaProperty = metaProperty;\nexports.classMethod = classMethod;\nexports.objectPattern = objectPattern;\nexports.spreadElement = spreadElement;\nexports.super = _super;\nexports.taggedTemplateExpression = taggedTemplateExpression;\nexports.templateElement = templateElement;\nexports.templateLiteral = templateLiteral;\nexports.yieldExpression = yieldExpression;\nexports.awaitExpression = awaitExpression;\nexports.import = _import;\nexports.bigIntLiteral = bigIntLiteral;\nexports.exportNamespaceSpecifier = exportNamespaceSpecifier;\nexports.optionalMemberExpression = optionalMemberExpression;\nexports.optionalCallExpression = optionalCallExpression;\nexports.anyTypeAnnotation = anyTypeAnnotation;\nexports.arrayTypeAnnotation = arrayTypeAnnotation;\nexports.booleanTypeAnnotation = booleanTypeAnnotation;\nexports.booleanLiteralTypeAnnotation =

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booleanLiteralTypeAnnotation;\nextports.nullLiteralTypeAnnotation =
nullLiteralTypeAnnotation;\nextports.classImplements = classImplements;\nextports.declareClass =
declareClass;\nextports.declareFunction = declareFunction;\nextports.declareInterface =
declareInterface;\nextports.declareModule = declareModule;\nextports.declareModuleExports =
declareModuleExports;\nextports.declareTypeAlias = declareTypeAlias;\nextports.declareOpaqueType =
declareOpaqueType;\nextports.declareVariable = declareVariable;\nextports.declareExportDeclaration =
declareExportDeclaration;\nextports.declareExportAllDeclaration =
declareExportAllDeclaration;\nextports.declaredPredicate = declaredPredicate;\nextports.existsTypeAnnotation =
existsTypeAnnotation;\nextports.functionTypeAnnotation = functionTypeAnnotation;\nextports.functionTypeParam =
functionTypeParam;\nextports.genericTypeAnnotation = genericTypeAnnotation;\nextports.inferredPredicate =
inferredPredicate;\nextports.interfaceExtends = interfaceExtends;\nextports.interfaceDeclaration =
interfaceDeclaration;\nextports.interfaceTypeAnnotation =
interfaceTypeAnnotation;\nextports.intersectionTypeAnnotation =
intersectionTypeAnnotation;\nextports.mixedTypeAnnotation =
mixedTypeAnnotation;\nextports.emptyTypeAnnotation = emptyTypeAnnotation;\nextports.nullableTypeAnnotation =
nullableTypeAnnotation;\nextports.numberLiteralTypeAnnotation =
numberLiteralTypeAnnotation;\nextports.numberTypeAnnotation =
numberTypeAnnotation;\nextports.objectTypeAnnotation = objectTypeAnnotation;\nextports.objectTypeInternalSlot =
objectTypeInternalSlot;\nextports.objectTypeCallProperty = objectTypeCallProperty;\nextports.objectTypeIndexer =
objectTypeIndexer;\nextports.objectTypeProperty = objectTypeProperty;\nextports.objectTypeSpreadProperty =
objectTypeSpreadProperty;\nextports.opaqueType = opaqueType;\nextports.qualifiedTypeIdentifier =
qualifiedTypeIdentifier;\nextports.stringLiteralTypeAnnotation =
stringLiteralTypeAnnotation;\nextports.stringTypeAnnotation =
stringTypeAnnotation;\nextports.symbolTypeAnnotation = symbolTypeAnnotation;\nextports.thisTypeAnnotation =
thisTypeAnnotation;\nextports.tupleTypeAnnotation = tupleTypeAnnotation;\nextports.typeofTypeAnnotation =
typeofTypeAnnotation;\nextports.typeAlias = typeAlias;\nextports.typeAnnotation =
typeAnnotation;\nextports.typeCastExpression = typeCastExpression;\nextports.typeParameter =
typeParameter;\nextports.typeParameterDeclaration =
typeParameterDeclaration;\nextports.typeParameterInstantiation =
typeParameterInstantiation;\nextports.unionTypeAnnotation = unionTypeAnnotation;\nextports.variance =
variance;\nextports.voidTypeAnnotation = voidTypeAnnotation;\nextports.enumDeclaration =
enumDeclaration;\nextports.enumBooleanBody = enumBooleanBody;\nextports.enumNumberBody =
enumNumberBody;\nextports.enumStringBody = enumStringBody;\nextports.enumSymbolBody =
enumSymbolBody;\nextports.enumBooleanMember = enumBooleanMember;\nextports.enumNumberMember =
enumNumberMember;\nextports.enumStringMember = enumStringMember;\nextports.enumDefaultedMember =
enumDefaultedMember;\nextports.indexedAccessType = indexedAccessType;\nextports.optionalIndexedAccessType =
optionalIndexedAccessType;\nextports.jsxAttribute = exports.jsxAttribute =
jsxAttribute;\nextports.jsxClosingElement = exports.jsxClosingElement = jsxClosingElement;\nextports.jsxElement =
exports.jsxElement = jsxElement;\nextports.jsxEmptyExpression = exports.jsxEmptyExpression =
jsxEmptyExpression;\nextports.jsxExpressionContainer = exports.jsxExpressionContainer =
jsxExpressionContainer;\nextports.jSXSpreadChild = exports.jsxSpreadChild =
jsxSpreadChild;\nextports.jsxIdentifier = exports.jsxIdentifier = jsxIdentifier;\nextports.jsxMemberExpression =
exports.jsxMemberExpression = jsxMemberExpression;\nextports.jsxNamespacedName =
exports.jsxNamespacedName = jsxNamespacedName;\nextports.jsxOpeningElement = exports.jsxOpeningElement =
jsxOpeningElement;\nextports.jSXSpreadAttribute = exports.jsxSpreadAttribute =
jsxSpreadAttribute;\nextports.jsxText = exports.jsxText = jsxText;\nextports.jsxFragment = exports.jsxFragment =
jsxFragment;\nextports.jsxOpeningFragment = exports.jsxOpeningFragment =
jsxOpeningFragment;\nextports.jsxClosingFragment = exports.jsxClosingFragment =

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jsxClosingFragment;\nexports.noop = noop;\nexports.placeholder = placeholder;\nexports.v8IntrinsicIdentifier =
v8IntrinsicIdentifier;\nexports.argumentPlaceholder = argumentPlaceholder;\nexports.bindExpression =
bindExpression;\nexports.classProperty = classProperty;\nexports.pipelineTopicExpression =
pipelineTopicExpression;\nexports.pipelineBareFunction =
pipelineBareFunction;\nexports.pipelinePrimaryTopicReference =
pipelinePrimaryTopicReference;\nexports.classPrivateProperty = classPrivateProperty;\nexports.classPrivateMethod
= classPrivateMethod;\nexports.importAttribute = importAttribute;\nexports.decorator =
decorator;\nexports.doExpression = doExpression;\nexports.exportDefaultSpecifier =
exportDefaultSpecifier;\nexports.privateName = privateName;\nexports.recordExpression =
recordExpression;\nexports.tupleExpression = tupleExpression;\nexports.decimalLiteral =
decimalLiteral;\nexports.staticBlock = staticBlock;\nexports.moduleExpression =
moduleExpression;\nexports.tSParameterProperty = exports.tsParameterProperty =
tsParameterProperty;\nexports.tSDeclareFunction = exports.tsDeclareFunction =
tsDeclareFunction;\nexports.tSDeclareMethod = exports.tsDeclareMethod =
tsDeclareMethod;\nexports.tSQualifiedName = exports.tsQualifiedName =
tsQualifiedName;\nexports.tSCallSignatureDeclaration = exports.tsCallSignatureDeclaration =
tsCallSignatureDeclaration;\nexports.tSConstructSignatureDeclaration = exports.tsConstructSignatureDeclaration =
tsConstructSignatureDeclaration;\nexports.tSPropertySignature = exports.tsPropertySignature =
tsPropertySignature;\nexports.tSMethodSignature = exports.tsMethodSignature =
tsMethodSignature;\nexports.tSIndexSignature = exports.tsIndexSignature =
tsIndexSignature;\nexports.tSAnyKeyword = exports.tsAnyKeyword =
tsAnyKeyword;\nexports.tSBooleanKeyword = exports.tsBooleanKeyword =
tsBooleanKeyword;\nexports.tSBigIntKeyword = exports.tsBigIntKeyword =
tsBigIntKeyword;\nexports.tSIntrinsicKeyword = exports.tsIntrinsicKeyword =
tsIntrinsicKeyword;\nexports.tSNeverKeyword = exports.tsNeverKeyword =
tsNeverKeyword;\nexports.tSNullKeyword = exports.tsNullKeyword =
tsNullKeyword;\nexports.tSNumberKeyword = exports.tsNumberKeyword =
tsNumberKeyword;\nexports.tSObjectKeyword = exports.tsObjectKeyword =
tsObjectKeyword;\nexports.tSStringKeyword = exports.tsStringKeyword =
tsStringKeyword;\nexports.tSSymbolKeyword = exports.tsSymbolKeyword =
tsSymbolKeyword;\nexports.tSUndefinedKeyword = exports.tsUndefinedKeyword =
tsUndefinedKeyword;\nexports.tSUnknownKeyword = exports.tsUnknownKeyword =
tsUnknownKeyword;\nexports.tSVoidKeyword = exports.tsVoidKeyword = tsVoidKeyword;\nexports.tSThisType
= exports.tsThisType = tsThisType;\nexports.tSFunctionType = exports.tsFunctionType =
tsFunctionType;\nexports.tSConstructorType = exports.tsConstructorType =
tsConstructorType;\nexports.tSTypeReference = exports.tsTypeReference =
tsTypeReference;\nexports.tSTypePredicate = exports.tsTypePredicate = tsTypePredicate;\nexports.tSTypeQuery =
exports.tsTypeQuery = tsTypeQuery;\nexports.tSTypeLiteral = exports.tsTypeLiteral =
tsTypeLiteral;\nexports.tSArrayType = exports.tsArrayType = tsArrayType;\nexports.tSTupleType =
exports.tsTupleType = tsTupleType;\nexports.tSOptionalType = exports.tsOptionalType =
tsOptionalType;\nexports.tSRestType = exports.tsRestType = tsRestType;\nexports.tSNamedTupleMember =
exports.tsNamedTupleMember = tsNamedTupleMember;\nexports.tSUnionType = exports.tsUnionType =
tsUnionType;\nexports.tSIntersectionType = exports.tsIntersectionType =
tsIntersectionType;\nexports.tSConditionalType = exports.tsConditionalType =
tsConditionalType;\nexports.tSInferType = exports.tsInferType = tsInferType;\nexports.tSParenthesizedType =
exports.tsParenthesizedType = tsParenthesizedType;\nexports.tSTypeOperator = exports.tsTypeOperator =
tsTypeOperator;\nexports.tSIndexedAccessType = exports.tsIndexedAccessType =
tsIndexedAccessType;\nexports.tSMappedType = exports.tsMappedType = tsMappedType;\nexports.tSLiteralType

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= exports.tsLiteralType = tsLiteralType;\nexports.tsExpressionWithTypeArguments =
exports.tsExpressionWithTypeArguments = tsExpressionWithTypeArguments;\nexports.tsInterfaceDeclaration =
exports.tsInterfaceDeclaration = tsInterfaceDeclaration;\nexports.tsInterfaceBody = exports.tsInterfaceBody =
tsInterfaceBody;\nexports.tsTypeAliasDeclaration = exports.tsTypeAliasDeclaration =
tsTypeAliasDeclaration;\nexports.tsAsExpression = exports.tsAsExpression =
tsAsExpression;\nexports.tsTypeAssertion = exports.tsTypeAssertion =
tsTypeAssertion;\nexports.tsEnumDeclaration = exports.tsEnumDeclaration =
tsEnumDeclaration;\nexports.tsEnumMember = exports.tsEnumMember =
tsEnumMember;\nexports.tsModuleDeclaration = exports.tsModuleDeclaration =
tsModuleDeclaration;\nexports.tsModuleBlock = exports.tsModuleBlock = tsModuleBlock;\nexports.tsImportType
= exports.tsImportType = tsImportType;\nexports.tsImportEqualsDeclaration = exports.tsImportEqualsDeclaration
= tsImportEqualsDeclaration;\nexports.tsExternalModuleReference = exports.tsExternalModuleReference =
tsExternalModuleReference;\nexports.tsNonNullExpression = exports.tsNonNullExpression =
tsNonNullExpression;\nexports.tsExportAssignment = exports.tsExportAssignment =
tsExportAssignment;\nexports.tsNamespaceExportDeclaration = exports.tsNamespaceExportDeclaration =
tsNamespaceExportDeclaration;\nexports.tsTypeAnnotation = exports.tsTypeAnnotation =
tsTypeAnnotation;\nexports.tsTypeParameterInstantiation = exports.tsTypeParameterInstantiation =
tsTypeParameterInstantiation;\nexports.tsTypeParameterDeclaration = exports.tsTypeParameterDeclaration =
tsTypeParameterDeclaration;\nexports.tsTypeParameter = exports.tsTypeParameter =
tsTypeParameter;\nexports.numberLiteral = NumberLiteral;\nexports.regexLiteral =
RegexLiteral;\nexports.restProperty = RestProperty;\nexports.spreadProperty = SpreadProperty;\n\nvar _builder =
require("../builder");\n\nfunction arrayExpression(elements) {\n return (0, _builder.default)(\n"ArrayExpression",
...arguments);\n}\n\nfunction assignmentExpression(operator, left, right) {\n return (0,
_builder.default)(\n"AssignmentExpression", ...arguments);\n}\n\nfunction binaryExpression(operator, left, right) {\n
return (0, _builder.default)(\n"BinaryExpression", ...arguments);\n}\n\nfunction interpreterDirective(value) {\n
return (0, _builder.default)(\n"InterpreterDirective", ...arguments);\n}\n\nfunction directive(value) {\n return (0,
_builder.default)(\n"Directive", ...arguments);\n}\n\nfunction directiveLiteral(value) {\n return (0,
_builder.default)(\n"DirectiveLiteral", ...arguments);\n}\n\nfunction blockStatement(body, directives) {\n return (0,
_builder.default)(\n"BlockStatement", ...arguments);\n}\n\nfunction breakStatement(label) {\n return (0,
_builder.default)(\n"BreakStatement", ...arguments);\n}\n\nfunction callExpression(callee, _arguments) {\n return
(0, _builder.default)(\n"CallExpression", ...arguments);\n}\n\nfunction catchClause(param, body) {\n return (0,
_builder.default)(\n"CatchClause", ...arguments);\n}\n\nfunction conditionalExpression(test, consequent, alternate)
{\n return (0, _builder.default)(\n"ConditionalExpression", ...arguments);\n}\n\nfunction continueStatement(label)
{\n return (0, _builder.default)(\n"ContinueStatement", ...arguments);\n}\n\nfunction debuggerStatement() {\n
return (0, _builder.default)(\n"DebuggerStatement", ...arguments);\n}\n\nfunction doWhileStatement(test, body) {\n
return (0, _builder.default)(\n"DoWhileStatement", ...arguments);\n}\n\nfunction emptyStatement() {\n return (0,
_builder.default)(\n"EmptyStatement", ...arguments);\n}\n\nfunction expressionStatement(expression) {\n return (0,
_builder.default)(\n"ExpressionStatement", ...arguments);\n}\n\nfunction file(program, comments, tokens) {\n return
(0, _builder.default)(\n"File", ...arguments);\n}\n\nfunction forInStatement(left, right, body) {\n return (0,
_builder.default)(\n"ForInStatement", ...arguments);\n}\n\nfunction forStatement(init, test, update, body) {\n return
(0, _builder.default)(\n"ForStatement", ...arguments);\n}\n\nfunction functionDeclaration(id, params, body,
generator, async) {\n return (0, _builder.default)(\n"FunctionDeclaration", ...arguments);\n}\n\nfunction
functionExpression(id, params, body, generator, async) {\n return (0, _builder.default)(\n"FunctionExpression",
...arguments);\n}\n\nfunction identifier(name) {\n return (0, _builder.default)(\n"Identifier",
...arguments);\n}\n\nfunction ifStatement(test, consequent, alternate) {\n return (0,
_builder.default)(\n"IfStatement", ...arguments);\n}\n\nfunction labeledStatement(label, body) {\n return (0,
_builder.default)(\n"LabeledStatement", ...arguments);\n}\n\nfunction stringLiteral(value) {\n return (0,
_builder.default)(\n"StringLiteral", ...arguments);\n}\n\nfunction\nnumericLiteral(value) {\n return (0,

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_builder.default)("NumericLiteral", ...arguments);\n}\n\nfunction nullLiteral() {\n return (0,
_builder.default)("NullLiteral", ...arguments);\n}\n\nfunction booleanLiteral(value) {\n return (0,
_builder.default)("BooleanLiteral", ...arguments);\n}\n\nfunction regExpLiteral(pattern, flags) {\n return (0,
_builder.default)("RegExpLiteral", ...arguments);\n}\n\nfunction logicalExpression(operator, left, right) {\n return
(0, _builder.default)("LogicalExpression", ...arguments);\n}\n\nfunction memberExpression(object, property,
computed, optional) {\n return (0, _builder.default)("MemberExpression", ...arguments);\n}\n\nfunction
newExpression(callee, _arguments) {\n return (0, _builder.default)("NewExpression",
...arguments);\n}\n\nfunction program(body, directives, sourceType, interpreter) {\n return (0,
_builder.default)("Program", ...arguments);\n}\n\nfunction objectExpression(properties) {\n return (0,
_builder.default)("ObjectExpression", ...arguments);\n}\n\nfunction objectMethod(kind, key, params, body,
computed, generator, async) {\n return (0, _builder.default)("ObjectMethod", ...arguments);\n}\n\nfunction
objectProperty(key, value, computed, shorthand, decorators) {\n return (0, _builder.default)("ObjectProperty",
...arguments);\n}\n\nfunction restElement(argument) {\n return (0, _builder.default)("RestElement",
...arguments);\n}\n\nfunction returnStatement(argument) {\n return (0, _builder.default)("ReturnStatement",
...arguments);\n}\n\nfunction sequenceExpression(expressions) {\n return (0,
_builder.default)("SequenceExpression", ...arguments);\n}\n\nfunction parenthesizedExpression(expression) {\n
return (0, _builder.default)("ParenthesizedExpression", ...arguments);\n}\n\nfunction switchCase(test, consequent)
{\n return (0, _builder.default)("SwitchCase", ...arguments);}\n\nfunction switchStatement(discriminant, cases)
{\n return (0, _builder.default)("SwitchStatement", ...arguments);}\n\nfunction thisExpression() {\n return (0,
_builder.default)("ThisExpression", ...arguments);}\n\nfunction throwStatement(argument) {\n return (0,
_builder.default)("ThrowStatement", ...arguments);}\n\nfunction tryStatement(block, handler, finalizer) {\n
return (0, _builder.default)("TryStatement", ...arguments);}\n\nfunction unaryExpression(operator, argument,
prefix) {\n return (0, _builder.default)("UnaryExpression", ...arguments);}\n\nfunction
updateExpression(operator, argument, prefix) {\n return (0, _builder.default)("UpdateExpression",
...arguments);}\n\nfunction variableDeclaration(kind, declarations) {\n return (0,
_builder.default)("VariableDeclaration", ...arguments);}\n\nfunction variableDeclarator(id, init) {\n return (0,
_builder.default)("VariableDeclarator", ...arguments);}\n\nfunction whileStatement(test, body) {\n return (0,
_builder.default)("WhileStatement", ...arguments);}\n\nfunction withStatement(object, body) {\n return (0,
_builder.default)("WithStatement", ...arguments);}\n\nfunction assignmentPattern(left, right) {\n return (0,
_builder.default)("AssignmentPattern", ...arguments);}\n\nfunction arrayPattern(elements) {\n return (0,
_builder.default)("ArrayPattern", ...arguments);}\n\nfunction arrowFunctionExpression(params, body, async) {\n
return (0, _builder.default)("ArrowFunctionExpression", ...arguments);}\n\nfunction classBody(body) {\n return
(0, _builder.default)("ClassBody", ...arguments);}\n\nfunction classExpression(id, superClass, body, decorators)
{\n return (0, _builder.default)("ClassExpression", ...arguments);}\n\nfunction classDeclaration(id, superClass,
body, decorators) {\n return (0, _builder.default)("ClassDeclaration", ...arguments);}\n\nfunction
exportAllDeclaration(source) {\n return (0, _builder.default)("ExportAllDeclaration",
...arguments);}\n\nfunction exportDefaultDeclaration(declaration) {\n return (0,
_builder.default)("ExportDefaultDeclaration", ...arguments);}\n\nfunction exportNamedDeclaration(declaration,
specifiers, source) {\n return (0, _builder.default)("ExportNamedDeclaration", ...arguments);}\n\nfunction
exportSpecifier(local, exported) {\n return (0, _builder.default)("ExportSpecifier", ...arguments);}\n\nfunction
forOfStatement(left, right, body, _await) {\n return (0, _builder.default)("ForOfStatement",
...arguments);}\n\nfunction importDeclaration(specifiers, source) {\n return (0,
_builder.default)("ImportDeclaration", ...arguments);}\n\nfunction importDefaultSpecifier(local) {\n return (0,
_builder.default)("ImportDefaultSpecifier", ...arguments);}\n\nfunction importNamespaceSpecifier(local) {\n
return (0, _builder.default)("ImportNamespaceSpecifier", ...arguments);}\n\nfunction importSpecifier(local,
imported) {\n return (0, _builder.default)("ImportSpecifier", ...arguments);}\n\nfunction metaProperty(meta,
property) {\n return (0, _builder.default)("MetaProperty", ...arguments);}\n\nfunction classMethod(kind, key,
params, body, computed, _static, generator, async) {\n return (0, _builder.default)("ClassMethod",

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...arguments);\n}\n\nfunction objectPattern(properties) {\n return (0, _builder.default)("ObjectPattern",
...arguments);\n}\n\nfunction spreadElement(argument) {\n return (0, _builder.default)("SpreadElement",
...arguments);\n}\n\nfunction _super() {\n return (0, _builder.default)("Super", ...arguments);\n}\n\nfunction
taggedTemplateExpression(tag, quasi) {\n return (0, _builder.default)("TaggedTemplateExpression",
...arguments);\n}\n\nfunction templateElement(value, tail) {\n return (0, _builder.default)("TemplateElement",
...arguments);\n}\n\nfunction templateLiteral(quasis, expressions) {\n return (0,
_builder.default)("TemplateLiteral", ...arguments);\n}\n\nfunction yieldExpression(argument, delegate) {\n return
(0, _builder.default)("YieldExpression", ...arguments);\n}\n\nfunction awaitExpression(argument) {\n return (0,
_builder.default)("AwaitExpression", ...arguments);\n}\n\nfunction _import() {\n return (0,
_builder.default)("Import", ...arguments);\n}\n\nfunction bigIntLiteral(value) {\n return (0,
_builder.default)("BigIntLiteral", ...arguments);\n}\n\nfunction exportNamespaceSpecifier(exported) {\n return (0,
_builder.default)("ExportNamespaceSpecifier", ...arguments);\n}\n\nfunction optionalMemberExpression(object,
property, computed, optional) {\n return (0, _builder.default)("OptionalMemberExpression",
...arguments);\n}\n\nfunction optionalCallExpression(callee, _arguments, optional) {\n return (0,
_builder.default)("OptionalCallExpression", ...arguments);\n}\n\nfunction anyTypeAnnotation() {\n return (0,
_builder.default)("AnyTypeAnnotation", ...arguments);\n}\n\nfunction arrayTypeAnnotation(elementType) {\n
return (0, _builder.default)("ArrayTypeAnnotation", ...arguments);\n}\n\nfunction booleanTypeAnnotation() {\n
return (0, _builder.default)("BooleanTypeAnnotation", ...arguments);\n}\n\nfunction
booleanLiteralTypeAnnotation(value) {\n return (0, _builder.default)("BooleanLiteralTypeAnnotation",
...arguments);\n}\n\nfunction nullLiteralTypeAnnotation() {\n return (0,
_builder.default)("NullLiteralTypeAnnotation", ...arguments);\n}\n\nfunction classImplements(id, typeParameters)
{\n return (0, _builder.default)("ClassImplements", ...arguments);\n}\n\nfunction declareClass(id, typeParameters,
_extends, body) {\n return (0, _builder.default)("DeclareClass", ...arguments);\n}\n\nfunction declareFunction(id)
{\n return (0, _builder.default)("DeclareFunction", ...arguments);\n}\n\nfunction declareInterface(id,
typeParameters, _extends, body) {\n return (0, _builder.default)("DeclareInterface", ...arguments);\n}\n\nfunction
declareModule(id, body, kind) {\n return (0, _builder.default)("DeclareModule", ...arguments);\n}\n\nfunction
declareModuleExports(typeAnnotation) {\n return (0, _builder.default)("DeclareModuleExports",
...arguments);\n}\n\nfunction declareTypeAlias(id, typeParameters, right) {\n return (0,
_builder.default)("DeclareTypeAlias", ...arguments);\n}\n\nfunction declareOpaqueType(id, typeParameters,
supertype) {\n return (0, _builder.default)("DeclareOpaqueType", ...arguments);\n}\n\nfunction
declareVariable(id) {\n return (0, _builder.default)("DeclareVariable", ...arguments);\n}\n\nfunction
declareExportDeclaration(declaration, specifiers, source) {\n return (0,
_builder.default)("DeclareExportDeclaration", ...arguments);\n}\n\nfunction declareExportAllDeclaration(source)
{\n return (0, _builder.default)("DeclareExportAllDeclaration", ...arguments);\n}\n\nfunction
declaredPredicate(value) {\n return (0, _builder.default)("DeclaredPredicate", ...arguments);\n}\n\nfunction
existsTypeAnnotation() {\n return (0, _builder.default)("ExistsTypeAnnotation", ...arguments);\n}\n\nfunction
functionTypeAnnotation(typeParameters, params, rest, returnType) {\n return (0,
_builder.default)("FunctionTypeAnnotation", ...arguments);\n}\n\nfunction functionTypeParam(name,
typeAnnotation) {\n return (0, _builder.default)("FunctionTypeParam", ...arguments);\n}\n\nfunction
genericTypeAnnotation(id, typeParameters) {\n return (0, _builder.default)("GenericTypeAnnotation",
...arguments);\n}\n\nfunction inferredPredicate() {\n return (0, _builder.default)("InferredPredicate",
...arguments);\n}\n\nfunction interfaceExtends(id, typeParameters) {\n return (0,
_builder.default)("InterfaceExtends", ...arguments);\n}\n\nfunction interfaceDeclaration(id, typeParameters,
_extends, body) {\n return (0, _builder.default)("InterfaceDeclaration", ...arguments);\n}\n\nfunction
interfaceTypeAnnotation(_extends, body) {\n return (0, _builder.default)("InterfaceTypeAnnotation",
...arguments);\n}\n\nfunction intersectionTypeAnnotation(types) {\n return (0,
_builder.default)("IntersectionTypeAnnotation", ...arguments);\n}\n\nfunction mixedTypeAnnotation() {\n return
(0, _builder.default)("MixedTypeAnnotation", ...arguments);\n}\n\nfunction emptyTypeAnnotation() {\n return (0,

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_builder.default)("EmptyTypeAnnotation", ...arguments);\n\n\nfunction nullableTypeAnnotation(typeAnnotation)
{\n return (0, _builder.default)("NullableTypeAnnotation", ...arguments);\n}\n\n\nfunction
numberLiteralTypeAnnotation(value) {\n return (0, _builder.default)("NumberLiteralTypeAnnotation",
...arguments);\n}\n\n\nfunction numberTypeAnnotation() {\n return (0, _builder.default)("NumberTypeAnnotation",
...arguments);\n}\n\n\nfunction objectTypeAnnotation(properties, indexers, callProperties, internalSlots, exact) {\n
return (0, _builder.default)("ObjectTypeAnnotation", ...arguments);\n}\n\n\nfunction objectTypeInternalSlot(id,
value, optional, _static, method) {\n return (0, _builder.default)("ObjectTypeInternalSlot",
...arguments);\n}\n\n\nfunction objectTypeCallProperty(value) {\n return (0,
_builder.default)("ObjectTypeCallProperty", ...arguments);\n}\n\n\nfunction objectTypeIndexer(id, key, value,
variance) {\n return (0, _builder.default)("ObjectTypeIndexer", ...arguments);\n}\n\n\nfunction
objectTypeProperty(key, value, variance) {\n return (0, _builder.default)("ObjectTypeProperty",
...arguments);\n}\n\n\nfunction objectTypeSpreadProperty(argument) {\n return (0,
_builder.default)("ObjectTypeSpreadProperty", ...arguments);\n}\n\n\nfunction opaqueType(id, typeParameters,
supertype, impltype) {\n return (0, _builder.default)("OpaqueType", ...arguments);\n}\n\n\nfunction
qualifiedTypeIdentifier(id, qualification) {\n return (0, _builder.default)("QualifiedTypeIdentifier",
...arguments);\n}\n\n\nfunction stringLiteralTypeAnnotation(value) {\n return (0,
_builder.default)("StringLiteralTypeAnnotation", ...arguments);\n}\n\n\nfunction stringTypeAnnotation() {\n return
(0, _builder.default)("StringTypeAnnotation", ...arguments);\n}\n\n\nfunction symbolTypeAnnotation() {\n return
(0, _builder.default)("SymbolTypeAnnotation", ...arguments);\n}\n\n\nfunction thisTypeAnnotation() {\n return (0,
_builder.default)("ThisTypeAnnotation", ...arguments);\n}\n\n\nfunction tupleTypeAnnotation(types) {\n return (0,
_builder.default)("TupleTypeAnnotation", ...arguments);\n}\n\n\nfunction typeofTypeAnnotation(argument) {\n
return (0, _builder.default)("TypeofTypeAnnotation", ...arguments);\n}\n\n\nfunction typeAlias(id, typeParameters,
right) {\n return (0, _builder.default)("TypeAlias", ...arguments);\n}\n\n\nfunction typeAnnotation(typeAnnotation)
{\n return (0, _builder.default)("TypeAnnotation", ...arguments);\n}\n\n\nfunction typeCastExpression(expression,
typeAnnotation) {\n return (0, _builder.default)("TypeCastExpression", ...arguments);\n}\n\n\nfunction
typeParameter(bound, _default, variance) {\n return (0, _builder.default)("TypeParameter",
...arguments);\n}\n\n\nfunction typeParameterDeclaration(params) {\n return (0,
_builder.default)("TypeParameterDeclaration", ...arguments);\n}\n\n\nfunction typeParameterInstantiation(params)
{\n return (0, _builder.default)("TypeParameterInstantiation", ...arguments);\n}\n\n\nfunction
unionTypeAnnotation(types) {\n return (0, _builder.default)("UnionTypeAnnotation",
...arguments);\n}\n\n\nfunction variance(kind) {\n return (0, _builder.default)("Variance",
...arguments);\n}\n\n\nfunction voidTypeAnnotation() {\n return (0, _builder.default)("VoidTypeAnnotation",
...arguments);\n}\n\n\nfunction enumDeclaration(id, body) {\n return (0, _builder.default)("EnumDeclaration",
...arguments);\n}\n\n\nfunction enumBooleanBody(members) {\n return (0, _builder.default)("EnumBooleanBody",
...arguments);\n}\n\n\nfunction enumNumberBody(members) {\n return (0, _builder.default)("EnumNumberBody",
...arguments);\n}\n\n\nfunction enumStringBody(members) {\n return (0, _builder.default)("EnumStringBody",
...arguments);\n}\n\n\nfunction enumSymbolBody(members) {\n return (0, _builder.default)("EnumSymbolBody",
...arguments);\n}\n\n\nfunction enumBooleanMember(id) {\n return (0, _builder.default)("EnumBooleanMember",
...arguments);\n}\n\n\nfunction enumNumberMember(id, init) {\n return (0,
_builder.default)("EnumNumberMember", ...arguments);\n}\n\n\nfunction enumStringMember(id, init) {\n return
(0, _builder.default)("EnumStringMember", ...arguments);\n}\n\n\nfunction enumDefaultedMember(id) {\n return
(0, _builder.default)("EnumDefaultedMember", ...arguments);\n}\n\n\nfunction indexedAccessType(objectType,
indexType) {\n return (0, _builder.default)("IndexedAccessType", ...arguments);\n}\n\n\nfunction
optionalIndexedAccessType(objectType, indexType) {\n return (0,
_builder.default)("OptionalIndexedAccessType", ...arguments);\n}\n\n\nfunction jsxAttribute(name, value) {\n
return (0, _builder.default)("JSXAttribute", ...arguments);\n}\n\n\nfunction jsxClosingElement(name) {\n return (0,
_builder.default)("JSXClosingElement", ...arguments);\n}\n\n\nfunction jsxElement(openingElement,
closingElement, children, selfClosing) {\n return (0, _builder.default)("JSXElement",

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...arguments);\n}\n\nfunction jsxEmptyExpression() {\n return (0, _builder.default)(\"JSXEmptyExpression\",
...arguments);\n}\n\nfunction jsxExpressionContainer(expression) {\n return (0,
_builder.default)(\"JSXExpressionContainer\", ...arguments);\n}\n\nfunction jsxSpreadChild(expression) {\n return
(0, _builder.default)(\"JSXSpreadChild\", ...arguments);\n}\n\nfunction jsxIdentifier(name) {\n return (0,
_builder.default)(\"JSXIdentifier\", ...arguments);\n}\n\nfunction jsxMemberExpression(object, property) {\n return
(0, _builder.default)(\"JSXMemberExpression\", ...arguments);\n}\n\nfunction jsxNamespacedName(namespace,
name) {\n return (0, _builder.default)(\"JSXNamespacedName\", ...arguments);\n}\n\nfunction
jsxOpeningElement(name, attributes, selfClosing) {\n return (0, _builder.default)(\"JSXOpeningElement\",
...arguments);\n}\n\nfunction jsxSpreadAttribute(argument) {\n return (0, _builder.default)(\"JSXSpreadAttribute\",
...arguments);\n}\n\nfunction jsxText(value) {\n return (0, _builder.default)(\"JSXText\",
...arguments);\n}\n\nfunction jsxFragment(openingFragment, closingFragment, children) {\n return (0,
_builder.default)(\"JSXFragment\", ...arguments);\n}\n\nfunction jsxOpeningFragment() {\n return (0,
_builder.default)(\"JSXOpeningFragment\", ...arguments);\n}\n\nfunction jsxClosingFragment() {\n return (0,
_builder.default)(\"JSXClosingFragment\", ...arguments);\n}\n\nfunction noop() {\n return (0,
_builder.default)(\"Noop\", ...arguments);\n}\n\nfunction placeholder(expectedNode, name) {\n return (0,
_builder.default)(\"Placeholder\", ...arguments);\n}\n\nfunction v8IntrinsicIdentifier(name) {\n return (0,
_builder.default)(\"V8IntrinsicIdentifier\", ...arguments);\n}\n\nfunction argumentPlaceholder() {\n return (0,
_builder.default)(\"ArgumentPlaceholder\", ...arguments);\n}\n\nfunction bindExpression(object, callee) {\n return
(0, _builder.default)(\"BindExpression\", ...arguments);\n}\n\nfunction classProperty(key, value, typeAnnotation,
decorators, computed, _static) {\n return (0, _builder.default)(\"ClassProperty\", ...arguments);\n}\n\nfunction
pipelineTopicExpression(expression) {\n return (0, _builder.default)(\"PipelineTopicExpression\",
...arguments);\n}\n\nfunction pipelineBareFunction(callee) {\n return (0,
_builder.default)(\"PipelineBareFunction\", ...arguments);\n}\n\nfunction pipelinePrimaryTopicReference() {\n
return (0, _builder.default)(\"PipelinePrimaryTopicReference\", ...arguments);\n}\n\nfunction
classPrivateProperty(key, value, decorators, _static) {\n return (0, _builder.default)(\"ClassPrivateProperty\",
...arguments);\n}\n\nfunction classPrivateMethod(kind, key, params, body, _static) {\n return (0,
_builder.default)(\"ClassPrivateMethod\", ...arguments);\n}\n\nfunction importAttribute(key, value) {\n return (0,
_builder.default)(\"ImportAttribute\", ...arguments);\n}\n\nfunction decorator(expression) {\n return (0,
_builder.default)(\"Decorator\", ...arguments);\n}\n\nfunction doExpression(body, async) {\n return (0,
_builder.default)(\"DoExpression\", ...arguments);\n}\n\nfunction exportDefaultSpecifier(exported) {\n return (0,
_builder.default)(\"ExportDefaultSpecifier\", ...arguments);\n}\n\nfunction privateName(id) {\n return (0,
_builder.default)(\"PrivateName\", ...arguments);\n}\n\nfunction recordExpression(properties) {\n return (0,
_builder.default)(\"RecordExpression\", ...arguments);\n}\n\nfunction tupleExpression(elements) {\n return (0,
_builder.default)(\"TupleExpression\", ...arguments);\n}\n\nfunction decimalLiteral(value) {\n return (0,
_builder.default)(\"DecimalLiteral\", ...arguments);\n}\n\nfunction staticBlock(body) {\n return (0,
_builder.default)(\"StaticBlock\", ...arguments);\n}\n\nfunction moduleExpression(body) {\n return (0,
_builder.default)(\"ModuleExpression\", ...arguments);\n}\n\nfunction tsParameterProperty(parameter) {\n return
(0, _builder.default)(\"TSParameterProperty\", ...arguments);\n}\n\nfunction tsDeclareFunction(id, typeParameters,
params, returnType) {\n return (0, _builder.default)(\"TSDeclareFunction\", ...arguments);\n}\n\nfunction
tsDeclareMethod(decorators, key, typeParameters, params, returnType) {\n return (0,
_builder.default)(\"TSDeclareMethod\", ...arguments);\n}\n\nfunction tsQualifiedName(left, right) {\n return (0,
_builder.default)(\"TSQualifiedName\", ...arguments);\n}\n\nfunction tsCallSignatureDeclaration(typeParameters,
parameters, typeAnnotation) {\n return (0, _builder.default)(\"TSCallSignatureDeclaration\",
...arguments);\n}\n\nfunction tsConstructSignatureDeclaration(typeParameters, parameters, typeAnnotation) {\n
return (0, _builder.default)(\"TSConstructSignatureDeclaration\", ...arguments);\n}\n\nfunction
tsPropertySignature(key, typeAnnotation, initializer) {\n return (0, _builder.default)(\"TSPropertySignature\",
...arguments);\n}\n\nfunction tsMethodSignature(key, typeParameters, parameters, typeAnnotation) {\n return (0,
_builder.default)(\"TSMethodSignature\", ...arguments);\n}\n\nfunction tsIndexSignature(parameters,

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typeAnnotation) {\n return (0, _builder.default)("TSIndexSignature", ...arguments);\n}\n\nfunction
tsAnyKeyword() {\n return (0, _builder.default)("TSAnyKeyword", ...arguments);\n}\n\nfunction
tsBooleanKeyword() {\n return (0, _builder.default)("TSBooleanKeyword", ...arguments);\n}\n\nfunction
tsBigIntKeyword() {\n return (0, _builder.default)("TSBigIntKeyword", ...arguments);\n}\n\nfunction
tsIntrinsicKeyword() {\n return (0, _builder.default)("TSIntrinsicKeyword", ...arguments);\n}\n\nfunction
tsNeverKeyword() {\n return (0, _builder.default)("TSNeverKeyword", ...arguments);\n}\n\nfunction
tsNullKeyword() {\n return (0, _builder.default)("TSNullKeyword", ...arguments);\n}\n\nfunction
tsNumberKeyword() {\n return (0, _builder.default)("TSNumberKeyword", ...arguments);\n}\n\nfunction
tsObjectKeyword() {\n return (0, _builder.default)("TSObjectKeyword", ...arguments);\n}\n\nfunction
tsStringKeyword() {\n return (0, _builder.default)("TSStringKeyword", ...arguments);\n}\n\nfunction
tsSymbolKeyword() {\n return (0, _builder.default)("TSSymbolKeyword", ...arguments);\n}\n\nfunction
tsUndefinedKeyword() {\n return (0, _builder.default)("TSUndefinedKeyword", ...arguments);\n}\n\nfunction
tsUnknownKeyword() {\n return (0, _builder.default)("TSUnknownKeyword", ...arguments);\n}\n\nfunction
tsVoidKeyword() {\n return (0, _builder.default)("TSVoidKeyword", ...arguments);\n}\n\nfunction tsThisType()
{\n return (0, _builder.default)("TSThisType", ...arguments);\n}\n\nfunction tsFunctionType(typeParameters,
parameters, typeAnnotation) {\n return (0, _builder.default)("TSFunctionType", ...arguments);\n}\n\nfunction
tsConstructorType(typeParameters, parameters, typeAnnotation) {\n return (0,
_builder.default)("TSConstructorType", ...arguments);\n}\n\nfunction tsTypeReference(typeName,
typeParameters) {\n return (0, _builder.default)("TSTypeReference", ...arguments);\n}\n\nfunction
tsTypePredicate(parameterName, typeAnnotation, asserts) {\n return (0, _builder.default)("TSTypePredicate",
...arguments);\n}\n\nfunction tsTypeQuery(exprName) {\n return (0, _builder.default)("TSTypeQuery",
...arguments);\n}\n\nfunction tsTypeLiteral(members) {\n return (0, _builder.default)("TSTypeLiteral",
...arguments);\n}\n\nfunction tsArrayType(elementType) {\n return (0, _builder.default)("TSArrayType",
...arguments);\n}\n\nfunction tsTupleType(elementTypes) {\n return (0, _builder.default)("TSTupleType",
...arguments);\n}\n\nfunction tsOptionalType(typeAnnotation) {\n return (0, _builder.default)("TSOptionalType",
...arguments);\n}\n\nfunction tsRestType(typeAnnotation) {\n return (0, _builder.default)("TSRestType",
...arguments);\n}\n\nfunction tsNamedTupleMember(label, elementType, optional) {\n return (0,
_builder.default)("TSNamedTupleMember", ...arguments);\n}\n\nfunction tsUnionType(types) {\n return (0,
_builder.default)("TSUnionType", ...arguments);\n}\n\nfunction tsIntersectionType(types) {\n return (0,
_builder.default)("TSIntersectionType", ...arguments);\n}\n\nfunction tsConditionalType(checkType, extendsType,
trueType, falseType) {\n return (0, _builder.default)("TSConditionalType", ...arguments);\n}\n\nfunction
tsInferType(typeParameter) {\n return (0, _builder.default)("TSInferType", ...arguments);\n}\n\nfunction
tsParenthesizedType(typeAnnotation) {\n return (0, _builder.default)("TSParenthesizedType",
...arguments);\n}\n\nfunction tsTypeOperator(typeAnnotation) {\n return (0, _builder.default)("TSTypeOperator",
...arguments);\n}\n\nfunction tsIndexedAccessType(objectType, indexType) {\n return (0,
_builder.default)("TSIndexedAccessType", ...arguments);\n}\n\nfunction tsMappedType(typeParameter,
typeAnnotation, nameType) {\n return (0, _builder.default)("TSMappedType", ...arguments);\n}\n\nfunction
tsLiteralType(literal) {\n return (0, _builder.default)("TSLiteralType", ...arguments);\n}\n\nfunction
tsExpressionWithTypeArguments(expression, typeParameters) {\n return (0,
_builder.default)("TSExpressionWithTypeArguments", ...arguments);\n}\n\nfunction tsInterfaceDeclaration(id,
typeParameters, _extends, body) {\n return (0, _builder.default)("TSInterfaceDeclaration",
...arguments);\n}\n\nfunction tsInterfaceBody(body) {\n return (0, _builder.default)("TSInterfaceBody",
...arguments);\n}\n\nfunction tsTypeAliasDeclaration(id, typeParameters, typeAnnotation) {\n return (0,
_builder.default)("TSTypeAliasDeclaration", ...arguments);\n}\n\nfunction tsAsExpression(expression,
typeAnnotation) {\n return (0, _builder.default)("TSAsExpression", ...arguments);\n}\n\nfunction
tsTypeAssertion(typeAnnotation, expression) {\n return (0, _builder.default)("TSTypeAssertion",
...arguments);\n}\n\nfunction tsEnumDeclaration(id, members) {\n return (0,
_builder.default)("TSEnumDeclaration", ...arguments);\n}\n\nfunction tsEnumMember(id, initializer) {\n return

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(0, _builder.default)("TSEnumMember", ...arguments);\n}\n\nfunction tsModuleDeclaration(id, body) {\n return
(0, _builder.default)("TSModuleDeclaration", ...arguments);\n}\n\nfunction tsModuleBlock(body) {\n return (0,
_builder.default)("TSModuleBlock", ...arguments);\n}\n\nfunction tsImportType(argument, qualifier,
typeParameters) {\n return (0, _builder.default)("TSImportType", ...arguments);\n}\n\nfunction
tsImportEqualsDeclaration(id, moduleReference) {\n return (0, _builder.default)("TSImportEqualsDeclaration",
...arguments);}\n}\n\nfunction tsExternalModuleReference(expression) {\n return (0,
_builder.default)("TSExternalModuleReference", ...arguments);}\n}\n\nfunction tsNonNullExpression(expression)
{\n return (0, _builder.default)("TSNonNullExpression", ...arguments);}\n}\n\nfunction
tsExportAssignment(expression) {\n return (0, _builder.default)("TSExportAssignment",
...arguments);}\n}\n\nfunction tsNamespaceExportDeclaration(id) {\n return (0,
_builder.default)("TSNamespaceExportDeclaration", ...arguments);}\n}\n\nfunction
tsTypeAnnotation(typeAnnotation) {\n return (0, _builder.default)("TSTypeAnnotation",
...arguments);}\n}\n\nfunction tsTypeParameterInstantiation(params) {\n return (0,
_builder.default)("TSTypeParameterInstantiation", ...arguments);}\n}\n\nfunction
tsTypeParameterDeclaration(params) {\n return (0, _builder.default)("TSTypeParameterDeclaration",
...arguments);}\n}\n\nfunction tsTypeParameter(constraint, _default, name) {\n return (0,
_builder.default)("TSTypeParameter", ...arguments);}\n}\n\nfunction NumberLiteral(...args) {\n
console.trace("The node type NumberLiteral has been renamed to NumericLiteral");\n return (0,
_builder.default)("NumberLiteral", ...args);}\n}\n\nfunction RegexLiteral(...args) {\n console.trace("The node type
RegexLiteral has been renamed to RegExpLiteral");\n return (0, _builder.default)("RegexLiteral",
...args);}\n}\n\nfunction RestProperty(...args) {\n console.trace("The node type RestProperty has been renamed to
RestElement");\n return (0, _builder.default)("RestProperty", ...args);}\n}\n\nfunction SpreadProperty(...args) {\n
console.trace("The node type SpreadProperty has been renamed to SpreadElement");\n return (0,
_builder.default)("SpreadProperty", ...args);}\n}\n\nObject.defineProperty(exports, "__esModule",
{\n value: true\n});\nexports.ArrayExpression = exports.arrayExpression =
arrayExpression;\nexports.AssignmentExpression = exports.assignmentExpression =
assignmentExpression;\nexports.BinaryExpression = exports.binaryExpression =
binaryExpression;\nexports.InterpreterDirective = exports.interpreterDirective =
interpreterDirective;\nexports.Directive = exports.directive = directive;\nexports.DirectiveLiteral =
exports.directiveLiteral = directiveLiteral;\nexports.BlockStatement = exports.blockStatement =
blockStatement;\nexports.BreakStatement = exports.breakStatement = breakStatement;\nexports.CallExpression =
exports.callExpression = callExpression;\nexports.CatchClause = exports.catchClause =
catchClause;\nexports.ConditionalExpression = exports.conditionalExpression =
conditionalExpression;\nexports.ContinueStatement = exports.continueStatement =
continueStatement;\nexports.DebuggerStatement = exports.debuggerStatement =
debuggerStatement;\nexports.DoWhileStatement = exports.doWhileStatement =
doWhileStatement;\nexports.EmptyStatement = exports.emptyStatement =
emptyStatement;\nexports.ExpressionStatement = exports.expressionStatement =
expressionStatement;\nexports.File = exports.file = file;\nexports.ForInStatement = exports.forInStatement =
forInStatement;\nexports.ForStatement = exports.forStatement = forStatement;\nexports.FunctionDeclaration =
exports.functionDeclaration = functionDeclaration;\nexports.FunctionExpression = exports.functionExpression =
functionExpression;\nexports.Identifier = exports.identifier = identifier;\nexports.IfStatement = exports.ifStatement
= ifStatement;\nexports.LabeledStatement = exports.labeledStatement = labeledStatement;\nexports.StringLiteral =
exports.stringLiteral = stringLiteral;\nexports.NumericLiteral = exports.numericLiteral =
numericLiteral;\nexports.NullLiteral = exports.nullLiteral = nullLiteral;\nexports.BooleanLiteral =
exports.booleanLiteral = booleanLiteral;\nexports.RegExpLiteral = exports.regExpLiteral =
regExpLiteral;\nexports.LogicalExpression = exports.logicalExpression =
logicalExpression;\nexports.MemberExpression = exports.memberExpression =

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memberExpression;\nexports.NewExpression = exports.newExpression = newExpression;\nexports.Program = exports.program = program;\nexports.ObjectExpression = exports.objectExpression = objectExpression;\nexports.ObjectMethod = exports.objectMethod = objectMethod;\nexports.ObjectProperty = exports.objectProperty = objectProperty;\nexports.RestElement = exports.restElement = restElement;\nexports.ReturnStatement = exports.returnStatement = returnStatement;\nexports.SequenceExpression = exports.sequenceExpression = sequenceExpression;\nexports.ParenthesizedExpression = exports.parenthesizedExpression = parenthesizedExpression;\nexports.SwitchCase = exports.switchCase = switchCase;\nexports.SwitchStatement = exports.switchStatement = switchStatement;\nexports.ThisExpression = exports.thisExpression = thisExpression;\nexports.ThrowStatement = exports.throwStatement = throwStatement;\nexports.TryStatement = exports.tryStatement = tryStatement;\nexports.UnaryExpression = exports.unaryExpression = unaryExpression;\nexports.UpdateExpression = exports.updateExpression = updateExpression;\nexports.VariableDeclaration = exports.variableDeclaration = variableDeclaration;\nexports.VariableDeclarator = exports.variableDeclarator = variableDeclarator;\nexports.WhileStatement = exports.whileStatement = whileStatement;\nexports.WithStatement = exports.withStatement = withStatement;\nexports.AssignmentPattern = exports.assignmentPattern = assignmentPattern;\nexports.ArrayPattern = exports.arrayPattern = arrayPattern;\nexports.ArrowFunctionExpression = exports.arrowFunctionExpression = arrowFunctionExpression;\nexports.ClassBody = exports.classBody = classBody;\nexports.ClassExpression = exports.classExpression = classExpression;\nexports.ClassDeclaration = exports.classDeclaration = classDeclaration;\nexports.ExportAllDeclaration = exports.exportAllDeclaration = exportAllDeclaration;\nexports.ExportDefaultDeclaration = exports.exportDefaultDeclaration = exportDefaultDeclaration;\nexports.ExportNamedDeclaration = exports.exportNamedDeclaration = exportNamedDeclaration;\nexports.ExportSpecifier = exports.exportSpecifier = exportSpecifier;\nexports.ForOfStatement = exports.forOfStatement = forOfStatement;\nexports.ImportDeclaration = exports.importDeclaration = importDeclaration;\nexports.ImportDefaultSpecifier = exports.importDefaultSpecifier = importDefaultSpecifier;\nexports.ImportNamespaceSpecifier = exports.importNamespaceSpecifier = importNamespaceSpecifier;\nexports.ImportSpecifier = exports.importSpecifier = importSpecifier;\nexports.MetaProperty = exports.metaProperty = metaProperty;\nexports.ClassMethod = exports.classMethod = classMethod;\nexports.ObjectPattern = exports.objectPattern = objectPattern;\nexports.SpreadElement = exports.spreadElement = spreadElement;\nexports.super = exports.Super = _super;\nexports.TaggedTemplateExpression = exports.taggedTemplateExpression = taggedTemplateExpression;\nexports.TemplateElement = exports.templateElement = templateElement;\nexports.TemplateLiteral = exports.templateLiteral = templateLiteral;\nexports.YieldExpression = exports.yieldExpression = yieldExpression;\nexports.AwaitExpression = exports.awaitExpression = awaitExpression;\nexports.import = exports.Import = _import;\nexports.BigIntLiteral = exports.bigIntLiteral = bigIntLiteral;\nexports.ExportNamespaceSpecifier = exports.exportNamespaceSpecifier = exportNamespaceSpecifier;\nexports.OptionalMemberExpression = exports.optionalMemberExpression = optionalMemberExpression;\nexports.OptionalCallExpression = exports.optionalCallExpression = optionalCallExpression;\nexports.AnyTypeAnnotation = exports.anyTypeAnnotation = anyTypeAnnotation;\nexports.ArrayTypeAnnotation = exports.arrayTypeAnnotation = arrayTypeAnnotation;\nexports.BooleanTypeAnnotation = exports.booleanTypeAnnotation = booleanTypeAnnotation;\nexports.BooleanLiteralTypeAnnotation = exports.booleanLiteralTypeAnnotation = booleanLiteralTypeAnnotation;\nexports.NullLiteralTypeAnnotation = exports.nullLiteralTypeAnnotation = nullLiteralTypeAnnotation;\nexports.ClassImplements = exports.classImplements = classImplements;\nexports.DeclareClass = exports.declareClass = declareClass;\nexports.DeclareFunction = exports.declareFunction = declareFunction;\nexports.DeclareInterface = exports.declareInterface = declareInterface;\nexports.DeclareModule = exports.declareModule = declareModule;\nexports.DeclareModuleExports = exports.declareModuleExports = declareModuleExports;\nexports.DeclareTypeAlias = exports.declareTypeAlias =

declareTypeAlias;\nexports.DeclareOpaqueType = exports.declareOpaqueType =
declareOpaqueType;\nexports.DeclareVariable = exports.declareVariable =
declareVariable;\nexports.DeclareExportDeclaration = exports.declareExportDeclaration =
declareExportDeclaration;\nexports.DeclareExportAllDeclaration = exports.declareExportAllDeclaration =
declareExportAllDeclaration;\nexports.DeclaredPredicate = exports.declaredPredicate =
declaredPredicate;\nexports.ExistsTypeAnnotation = exports.existsTypeAnnotation =
existsTypeAnnotation;\nexports.FunctionTypeAnnotation = exports.functionTypeAnnotation =
functionTypeAnnotation;\nexports.FunctionTypeParam = exports.functionTypeParam =
functionTypeParam;\nexports.GenericTypeAnnotation = exports.genericTypeAnnotation =
genericTypeAnnotation;\nexports.InferredPredicate = exports.inferredPredicate =
inferredPredicate;\nexports.InterfaceExtends = exports.interfaceExtends =
interfaceExtends;\nexports.InterfaceDeclaration = exports.interfaceDeclaration =
interfaceDeclaration;\nexports.InterfaceTypeAnnotation = exports.interfaceTypeAnnotation =
interfaceTypeAnnotation;\nexports.IntersectionTypeAnnotation = exports.intersectionTypeAnnotation =
intersectionTypeAnnotation;\nexports.MixedTypeAnnotation = exports.mixedTypeAnnotation =
mixedTypeAnnotation;\nexports.EmptyTypeAnnotation = exports.emptyTypeAnnotation =
emptyTypeAnnotation;\nexports.NullableTypeAnnotation = exports.nullableTypeAnnotation =
nullableTypeAnnotation;\nexports.NumberLiteralTypeAnnotation = exports.numberLiteralTypeAnnotation =
numberLiteralTypeAnnotation;\nexports.NumberTypeAnnotation = exports.numberTypeAnnotation =
numberTypeAnnotation;\nexports.ObjectTypeAnnotation = exports.objectTypeAnnotation =
objectTypeAnnotation;\nexports.ObjectTypeInternalSlot = exports.objectTypeInternalSlot =
objectTypeInternalSlot;\nexports.ObjectTypeCallProperty = exports.objectTypeCallProperty =
objectTypeCallProperty;\nexports.ObjectTypeIndexer = exports.objectTypeIndexer =
objectTypeIndexer;\nexports.ObjectTypeProperty = exports.objectTypeProperty =
objectTypeProperty;\nexports.ObjectTypeSpreadProperty = exports.objectTypeSpreadProperty =
objectTypeSpreadProperty;\nexports.OpaqueType = exports.opaqueType =
opaqueType;\nexports.QualifiedTypeIdentifier = exports.qualifiedTypeIdentifier =
qualifiedTypeIdentifier;\nexports.StringLiteralTypeAnnotation = exports.stringLiteralTypeAnnotation =
stringLiteralTypeAnnotation;\nexports.StringTypeAnnotation = exports.stringTypeAnnotation =
stringTypeAnnotation;\nexports.SymbolTypeAnnotation = exports.symbolTypeAnnotation =
symbolTypeAnnotation;\nexports.ThisTypeAnnotation = exports.thisTypeAnnotation =
thisTypeAnnotation;\nexports.TupleTypeAnnotation = exports.tupleTypeAnnotation =
tupleTypeAnnotation;\nexports.TypeOfTypeAnnotation = exports.typeofTypeAnnotation =
typeofTypeAnnotation;\nexports.TypeAlias = exports.typeAlias = typeAlias;\nexports.TypeAnnotation =
exports.typeAnnotation = typeAnnotation;\nexports.TypeCastExpression = exports.typeCastExpression =
typeCastExpression;\nexports.TypeParameter = exports.typeParameter =
typeParameter;\nexports.TypeParameterDeclaration = exports.typeParameterDeclaration =
typeParameterDeclaration;\nexports.TypeParameterInstantiation = exports.typeParameterInstantiation =
typeParameterInstantiation;\nexports.UnionTypeAnnotation = exports.unionTypeAnnotation =
unionTypeAnnotation;\nexports.Variance = exports.variance = variance;\nexports.VoidTypeAnnotation =
exports.voidTypeAnnotation = voidTypeAnnotation;\nexports.EnumDeclaration = exports.enumDeclaration =
enumDeclaration;\nexports.EnumBooleanBody = exports.enumBooleanBody =
enumBooleanBody;\nexports.EnumNumberBody = exports.enumNumberBody =
enumNumberBody;\nexports.EnumStringBody = exports.enumStringBody =
enumStringBody;\nexports.EnumSymbolBody = exports.enumSymbolBody =
enumSymbolBody;\nexports.EnumBooleanMember = exports.enumBooleanMember =
enumBooleanMember;\nexports.EnumNumberMember = exports.enumNumberMember =
enumNumberMember;\nexports.EnumStringMember = exports.enumStringMember =

enumStringMember;\nexports.EnumDefaultedMember = exports.enumDefaultedMember =
enumDefaultedMember;\nexports.jsxAttribute = exports.JSXAttribute = exports.jsxAttribute =
jsxAttribute;\nexports.jsxClosingElement = exports.JSXClosingElement = exports.jsxClosingElement =
jsxClosingElement;\nexports.jSXElement = exports.JSXElement = exports.jsxElement =
jsxElement;\nexports.jSXEmptyExpression = exports.JSXEmptyExpression = exports.jsxEmptyExpression =
jsxEmptyExpression;\nexports.jSXExpressionContainer = exports.JSXExpressionContainer =
exports.jsxExpressionContainer = jsxExpressionContainer;\nexports.jSXSpreadChild = exports.JSXSpreadChild =
exports.jsxSpreadChild = jsxSpreadChild;\nexports.jSXIdentifier = exports.JSXIdentifier = exports.jsxIdentifier =
jsxIdentifier;\nexports.jSXMemberExpression = exports.JSXMemberExpression = exports.jsxMemberExpression =
jsxMemberExpression;\nexports.jSXNamespacedName = exports.JSXNamespacedName =
exports.jsxNamespacedName = jsxNamespacedName;\nexports.jSXOpeningElement =
exports.JSXOpeningElement = exports.jsxOpeningElement = jsxOpeningElement;\nexports.jSXSpreadAttribute =
exports.JSXSpreadAttribute = exports.jsxSpreadAttribute = jsxSpreadAttribute;\nexports.jSXText =
exports.JSXText = exports.jsxText = jsxText;\nexports.jSXFragment = exports.JSXFragment = exports.jsxFragment
= jsxFragment;\nexports.jSXOpeningFragment = exports.JSXOpeningFragment = exports.jsxOpeningFragment =
jsxOpeningFragment;\nexports.jSXClosingFragment = exports.JSXClosingFragment = exports.jsxClosingFragment
= jsxClosingFragment;\nexports.Noop = exports.noop = noop;\nexports.Placeholder = exports.placeholder =
placeholder;\nexports.V8IntrinsicIdentifier = exports.v8IntrinsicIdentifier =
v8IntrinsicIdentifier;\nexports.ArgumentPlaceholder = exports.argumentPlaceholder =
argumentPlaceholder;\nexports.BindExpression = exports.bindExpression = bindExpression;\nexports.ClassProperty
= exports.classProperty = classProperty;\nexports.PipelineTopicExpression = exports.pipelineTopicExpression =
pipelineTopicExpression;\nexports.PipelineBareFunction = exports.pipelineBareFunction =
pipelineBareFunction;\nexports.PipelinePrimaryTopicReference = exports.pipelinePrimaryTopicReference =
pipelinePrimaryTopicReference;\nexports.ClassPrivateProperty = exports.classPrivateProperty =
classPrivateProperty;\nexports.ClassPrivateMethod = exports.classPrivateMethod =
classPrivateMethod;\nexports.ImportAttribute = exports.importAttribute = importAttribute;\nexports.Decorator =
exports.decorator = decorator;\nexports.DoExpression = exports.doExpression =
doExpression;\nexports.ExportDefaultSpecifier = exports.exportDefaultSpecifier =
exportDefaultSpecifier;\nexports.PrivateName = exports.privateName = privateName;\nexports.RecordExpression =
exports.recordExpression = recordExpression;\nexports.TupleExpression = exports.tupleExpression =
tupleExpression;\nexports.DecimalLiteral = exports.decimalLiteral = decimalLiteral;\nexports.StaticBlock =
exports.staticBlock = staticBlock;\nexports.tSParameterProperty = exports.TSParameterProperty =
exports.tsParameterProperty = tsParameterProperty;\nexports.tSDeclareFunction = exports.TSDeclareFunction =
exports.tsDeclareFunction = tsDeclareFunction;\nexports.tSDeclareMethod = exports.TSDeclareMethod =
exports.tsDeclareMethod = tsDeclareMethod;\nexports.tSQualifiedName = exports.TSQualifiedName =
exports.tsQualifiedName = tsQualifiedName;\nexports.tSCallSignatureDeclaration =
exports.TSCallSignatureDeclaration = exports.tsCallSignatureDeclaration =
tsCallSignatureDeclaration;\nexports.tSConstructSignatureDeclaration = exports.TSConstructSignatureDeclaration
= exports.tsConstructSignatureDeclaration = tsConstructSignatureDeclaration;\nexports.tSPropertySignature =
exports.TSPropertySignature = exports.tsPropertySignature = tsPropertySignature;\nexports.tSMethodSignature =
exports.TSMethodSignature = exports.tsMethodSignature = tsMethodSignature;\nexports.tSIndexSignature =
exports.TSIndexSignature = exports.tsIndexSignature = tsIndexSignature;\nexports.tSAnyKeyword =
exports.TSAnyKeyword = exports.tsAnyKeyword = tsAnyKeyword;\nexports.tSBooleanKeyword =
exports.TSBooleanKeyword = exports.tsBooleanKeyword = tsBooleanKeyword;\nexports.tSBigIntKeyword =
exports.TSBigIntKeyword = exports.tsBigIntKeyword = tsBigIntKeyword;\nexports.tSIntrinsicKeyword =
exports.TSIntrinsicKeyword = exports.tsIntrinsicKeyword = tsIntrinsicKeyword;\nexports.tSNeverKeyword =
exports.TSNeverKeyword = exports.tsNeverKeyword = tsNeverKeyword;\nexports.tSNullKeyword =
exports.TSNullKeyword = exports.tsNullKeyword = tsNullKeyword;\nexports.tSNumberKeyword =

exports.TSNumberKeyword = exports.tsNumberKeyword = tsNumberKeyword;\nexports.tSObjectKeyword = exports.TSObjectKeyword = exports.tsObjectKeyword = tsObjectKeyword;\nexports.tSStringKeyword = exports.TSStringKeyword = exports.tsStringKeyword = tsStringKeyword;\nexports.tSSymbolKeyword = exports.TSSymbolKeyword = exports.tsSymbolKeyword = tsSymbolKeyword;\nexports.tSUndefinedKeyword = exports.TSUndefinedKeyword = exports.tsUndefinedKeyword = tsUndefinedKeyword;\nexports.tSUnknownKeyword = exports.TSUnknownKeyword = exports.tsUnknownKeyword = tsUnknownKeyword;\nexports.tSVoidKeyword = exports.TSVoidKeyword = exports.tsVoidKeyword = tsVoidKeyword;\nexports.tSThisType = exports.TSThisType = exports.tsThisType = tsThisType;\nexports.tSFunctionType = exports.TSFunctionType = exports.tsFunctionType = tsFunctionType;\nexports.tSConstructorType = exports.TSConstructorType = exports.tsConstructorType = tsConstructorType;\nexports.tSTypeReference = exports.TSTypeReference = exports.tsTypeReference = tsTypeReference;\nexports.tSTypePredicate = exports.TSTypePredicate = exports.tsTypePredicate = tsTypePredicate;\nexports.tSTypeQuery = exports.TSTypeQuery = exports.tsTypeQuery = tsTypeQuery;\nexports.tSTypeLiteral = exports.TSTypeLiteral = exports.tsTypeLiteral = tsTypeLiteral;\nexports.tSArrayType = exports.TSArrayType = exports.tsArrayType = tsArrayType;\nexports.tSTupleType = exports.TSTupleType = exports.tsTupleType = tsTupleType;\nexports.tSOptionalType = exports.TSOptionalType = exports.tsOptionalType = tsOptionalType;\nexports.tSRestType = exports.TSRestType = exports.tsRestType = tsRestType;\nexports.tSNamedTupleMember = exports.TSNamedTupleMember = exports.tsNamedTupleMember = tsNamedTupleMember;\nexports.tSUnionType = exports.TSUnionType = exports.tsUnionType = tsUnionType;\nexports.tSIntersectionType = exports.TSIntersectionType = exports.tsIntersectionType = tsIntersectionType;\nexports.tSConditionalType = exports.TSConditionalType = exports.tsConditionalType = tsConditionalType;\nexports.tSInferType = exports.TSInferType = exports.tsInferType = tsInferType;\nexports.tSParenthesizedType = exports.TSParenthesizedType = exports.tsParenthesizedType = tsParenthesizedType;\nexports.tSTypeOperator = exports.TSTypeOperator = exports.tsTypeOperator = tsTypeOperator;\nexports.tSIndexedAccessType = exports.TSIndexedAccessType = exports.tsIndexedAccessType = tsIndexedAccessType;\nexports.tSMappedType = exports.TSMappedType = exports.tsMappedType = tsMappedType;\nexports.tSLiteralType = exports.TSLiteralType = exports.tsLiteralType = tsLiteralType;\nexports.tSExpressionWithTypeArguments = exports.TSExpressionWithTypeArguments = exports.tsExpressionWithTypeArguments = tsExpressionWithTypeArguments;\nexports.tSInterfaceDeclaration = exports.TSInterfaceDeclaration = exports.tsInterfaceDeclaration = tsInterfaceDeclaration;\nexports.tSInterfaceBody = exports.TSInterfaceBody = exports.tsInterfaceBody = tsInterfaceBody;\nexports.tSTypeAliasDeclaration = exports.TSTypeAliasDeclaration = exports.tsTypeAliasDeclaration = tsTypeAliasDeclaration;\nexports.tSAsExpression = exports.TSAsExpression = exports.tsAsExpression = tsAsExpression;\nexports.tSTypeAssertion = exports.TSTypeAssertion = exports.tsTypeAssertion = tsTypeAssertion;\nexports.tSEnumDeclaration = exports.TSEnumDeclaration = exports.tsEnumDeclaration = tsEnumDeclaration;\nexports.tSEnumMember = exports.TSEnumMember = exports.tsEnumMember = tsEnumMember;\nexports.tSModuleDeclaration = exports.TSModuleDeclaration = exports.tsModuleDeclaration = tsModuleDeclaration;\nexports.tSModuleBlock = exports.TSModuleBlock = exports.tsModuleBlock = tsModuleBlock;\nexports.tSImportType = exports.TSImportType = exports.tsImportType = tsImportType;\nexports.tSImportEqualsDeclaration = exports.TSImportEqualsDeclaration = exports.tsImportEqualsDeclaration = tsImportEqualsDeclaration;\nexports.tSExternalModuleReference = exports.TSExternalModuleReference = exports.tsExternalModuleReference = tsExternalModuleReference;\nexports.tSNonNullExpression = exports.TSNonNullExpression = exports.tsNonNullExpression = tsNonNullExpression;\nexports.tSExportAssignment = exports.TSExportAssignment = exports.tsExportAssignment = tsExportAssignment;\nexports.tSNamespaceExportDeclaration = exports.TSNamespaceExportDeclaration = exports.tsNamespaceExportDeclaration = tsNamespaceExportDeclaration;\nexports.tSTypeAnnotation = exports.tsTypeAnnotation = tsTypeAnnotation;

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exports.TSTypeAnnotation = exports.tsTypeAnnotation =
tsTypeAnnotation;\nexports.tSTypeParameterInstantiation = exports.TSTypeParameterInstantiation =
exports.tsTypeParameterInstantiation = tsTypeParameterInstantiation;\nexports.tSTypeParameterDeclaration =
exports.TSTypeParameterDeclaration = exports.tsTypeParameterDeclaration =
tsTypeParameterDeclaration;\nexports.tSTypeParameter = exports.TSTypeParameter = exports.tsTypeParameter =
tsTypeParameter;\nexports.numberLiteral = exports.NumberLiteral = NumberLiteral;\nexports.regexLiteral =
exports.RegexLiteral = RegexLiteral;\nexports.restProperty = exports.RestProperty =
RestProperty;\nexports.spreadProperty = exports.SpreadProperty = SpreadProperty;\n\nvar _builder =
_interopRequireDefault(require(\"../builder\"));\n\nfunction _interopRequireDefault(obj) { return obj &&
obj.__esModule ? obj : { default: obj }; }\n\nfunction arrayExpression(...args) {\n return (0,
_builder.default)(\"ArrayExpression\", ...args);\n}\n\nfunction assignmentExpression(...args) {\n return (0,
_builder.default)(\"AssignmentExpression\", ...args);\n}\n\nfunction binaryExpression(...args) {\n return (0,
_builder.default)(\"BinaryExpression\", ...args);\n}\n\nfunction interpreterDirective(...args) {\n return (0,
_builder.default)(\"InterpreterDirective\", ...args);\n}\n\nfunction directive(...args) {\n return (0,
_builder.default)(\"Directive\", ...args);\n}\n\nfunction directiveLiteral(...args) {\n return (0,
_builder.default)(\"DirectiveLiteral\", ...args);\n}\n\nfunction blockStatement(...args) {\n return (0,
_builder.default)(\"BlockStatement\", ...args);\n}\n\nfunction breakStatement(...args) {\n return (0,
_builder.default)(\"BreakStatement\", ...args);\n}\n\nfunction callExpression(...args) {\n return (0,
_builder.default)(\"CallExpression\", ...args);\n}\n\nfunction catchClause(...args) {\n return (0,
_builder.default)(\"CatchClause\", ...args);\n}\n\nfunction conditionalExpression(...args) {\n return (0,
_builder.default)(\"ConditionalExpression\", ...args);\n}\n\nfunction continueStatement(...args) {\n return (0,
_builder.default)(\"ContinueStatement\", ...args);\n}\n\nfunction debuggerStatement(...args) {\n return (0,
_builder.default)(\"DebuggerStatement\", ...args);\n}\n\nfunction doWhileStatement(...args) {\n return (0,
_builder.default)(\"DoWhileStatement\", ...args);\n}\n\nfunction emptyStatement(...args) {\n return (0,
_builder.default)(\"EmptyStatement\", ...args);\n}\n\nfunction expressionStatement(...args) {\n return (0,
_builder.default)(\"ExpressionStatement\", ...args);\n}\n\nfunction file(...args) {\n return (0,
_builder.default)(\"File\", ...args);\n}\n\nfunction forInStatement(...args) {\n return (0,
_builder.default)(\"ForInStatement\", ...args);\n}\n\nfunction forStatement(...args) {\n return (0,
_builder.default)(\"ForStatement\", ...args);\n}\n\nfunction functionDeclaration(...args) {\n return (0,
_builder.default)(\"FunctionDeclaration\", ...args);\n}\n\nfunction functionExpression(...args) {\n return (0,
_builder.default)(\"FunctionExpression\", ...args);\n}\n\nfunction identifier(...args) {\n return (0,
_builder.default)(\"Identifier\", ...args);\n}\n\nfunction ifStatement(...args) {\n return (0,
_builder.default)(\"IfStatement\", ...args);\n}\n\nfunction labeledStatement(...args) {\n return (0,
_builder.default)(\"LabeledStatement\", ...args);\n}\n\nfunction stringLiteral(...args) {\n return (0,
_builder.default)(\"StringLiteral\", ...args);\n}\n\nfunction numericLiteral(...args) {\n return (0,
_builder.default)(\"NumericLiteral\", ...args);\n}\n\nfunction nullLiteral(...args) {\n return (0,
_builder.default)(\"NullLiteral\", ...args);\n}\n\nfunction booleanLiteral(...args) {\n return (0,
_builder.default)(\"BooleanLiteral\", ...args);\n}\n\nfunction regExpLiteral(...args) {\n return (0,
_builder.default)(\"RegExpLiteral\", ...args);\n}\n\nfunction logicalExpression(...args) {\n return (0,
_builder.default)(\"LogicalExpression\", ...args);\n}\n\nfunction memberExpression(...args) {\n return (0,
_builder.default)(\"MemberExpression\", ...args);\n}\n\nfunction newExpression(...args) {\n return (0,
_builder.default)(\"NewExpression\", ...args);\n}\n\nfunction program(...args) {\n return (0,
_builder.default)(\"Program\", ...args);\n}\n\nfunction objectExpression(...args) {\n return (0,
_builder.default)(\"ObjectExpression\", ...args);\n}\n\nfunction objectMethod(...args) {\n return (0,
_builder.default)(\"ObjectMethod\", ...args);\n}\n\nfunction objectProperty(...args) {\n return (0,
_builder.default)(\"ObjectProperty\", ...args);\n}\n\nfunction restElement(...args) {\n return (0,
_builder.default)(\"RestElement\", ...args);\n}\n\nfunction returnStatement(...args) {\n return (0,
_builder.default)(\"ReturnStatement\", ...args);\n}\n\nfunction sequenceExpression(...args) {\n return (0,

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_builder.default)("SequenceExpression", ...args);\n}\n\nfunction parenthesizedExpression(...args) {\n return (0,
_builder.default)("ParenthesizedExpression", ...args);\n}\n\nfunction switchCase(...args) {\n return (0,
_builder.default)("SwitchCase", ...args);\n}\n\nfunction switchStatement(...args) {\n return (0,
_builder.default)("SwitchStatement", ...args);\n}\n\nfunction thisExpression(...args) {\n return (0,
_builder.default)("ThisExpression", ...args);\n}\n\nfunction throwStatement(...args) {\n return (0,
_builder.default)("ThrowStatement", ...args);\n}\n\nfunction tryStatement(...args) {\n return (0,
_builder.default)("TryStatement", ...args);\n}\n\nfunction unaryExpression(...args) {\n return (0,
_builder.default)("UnaryExpression", ...args);\n}\n\nfunction updateExpression(...args) {\n return (0,
_builder.default)("UpdateExpression", ...args);\n}\n\nfunction variableDeclaration(...args) {\n return (0,
_builder.default)("VariableDeclaration", ...args);\n}\n\nfunction variableDeclarator(...args) {\n return (0,
_builder.default)("VariableDeclarator", ...args);\n}\n\nfunction whileStatement(...args) {\n return (0,
_builder.default)("WhileStatement", ...args);\n}\n\nfunction withStatement(...args) {\n return (0,
_builder.default)("WithStatement", ...args);\n}\n\nfunction assignmentPattern(...args) {\n return (0,
_builder.default)("AssignmentPattern", ...args);\n}\n\nfunction arrayPattern(...args) {\n return (0,
_builder.default)("ArrayPattern", ...args);\n}\n\nfunction arrowFunctionExpression(...args) {\n return (0,
_builder.default)("ArrowFunctionExpression", ...args);\n}\n\nfunction classBody(...args) {\n return (0,
_builder.default)("ClassBody", ...args);\n}\n\nfunction classExpression(...args) {\n return (0,
_builder.default)("ClassExpression", ...args);\n}\n\nfunction classDeclaration(...args) {\n return (0,
_builder.default)("ClassDeclaration", ...args);\n}\n\nfunction exportAllDeclaration(...args) {\n return (0,
_builder.default)("ExportAllDeclaration", ...args);\n}\n\nfunction exportDefaultDeclaration(...args) {\n return (0,
_builder.default)("ExportDefaultDeclaration", ...args);\n}\n\nfunction exportNamedDeclaration(...args) {\n return
(0, _builder.default)("ExportNamedDeclaration", ...args);\n}\n\nfunction exportSpecifier(...args) {\n return (0,
_builder.default)("ExportSpecifier", ...args);\n}\n\nfunction forOfStatement(...args) {\n return (0,
_builder.default)("ForOfStatement", ...args);\n}\n\nfunction importDeclaration(...args) {\n return (0,
_builder.default)("ImportDeclaration", ...args);\n}\n\nfunction importDefaultSpecifier(...args) {\n return (0,
_builder.default)("ImportDefaultSpecifier", ...args);\n}\n\nfunction importNamespaceSpecifier(...args) {\n return
(0, _builder.default)("ImportNamespaceSpecifier", ...args);\n}\n\nfunction importSpecifier(...args) {\n return (0,
_builder.default)("ImportSpecifier", ...args);\n}\n\nfunction metaProperty(...args) {\n return (0,
_builder.default)("MetaProperty", ...args);\n}\n\nfunction classMethod(...args) {\n return (0,
_builder.default)("ClassMethod", ...args);\n}\n\nfunction objectPattern(...args) {\n return (0,
_builder.default)("ObjectPattern", ...args);\n}\n\nfunction spreadElement(...args) {\n return (0,
_builder.default)("SpreadElement", ...args);\n}\n\nfunction _super(...args) {\n return (0,
_builder.default)("Super", ...args);\n}\n\nfunction taggedTemplateExpression(...args) {\n return (0,
_builder.default)("TaggedTemplateExpression", ...args);\n}\n\nfunction templateElement(...args) {\n return (0,
_builder.default)("TemplateElement", ...args);\n}\n\nfunction templateLiteral(...args) {\n return (0,
_builder.default)("TemplateLiteral", ...args);\n}\n\nfunction yieldExpression(...args) {\n return (0,
_builder.default)("YieldExpression", ...args);\n}\n\nfunction awaitExpression(...args) {\n return (0,
_builder.default)("AwaitExpression", ...args);\n}\n\nfunction _import(...args) {\n return (0,
_builder.default)("Import", ...args);\n}\n\nfunction bigIntLiteral(...args) {\n return (0,
_builder.default)("BigIntLiteral", ...args);\n}\n\nfunction exportNamespaceSpecifier(...args) {\n return (0,
_builder.default)("ExportNamespaceSpecifier", ...args);\n}\n\nfunction optionalMemberExpression(...args) {\n
return (0, _builder.default)("OptionalMemberExpression", ...args);\n}\n\nfunction optionalCallExpression(...args)
{\n return (0, _builder.default)("OptionalCallExpression", ...args);\n}\n\nfunction anyTypeAnnotation(...args) {\n
return (0, _builder.default)("AnyTypeAnnotation", ...args);\n}\n\nfunction arrayTypeAnnotation(...args) {\n return
(0, _builder.default)("ArrayTypeAnnotation", ...args);\n}\n\nfunction booleanTypeAnnotation(...args) {\n return
(0, _builder.default)("BooleanTypeAnnotation", ...args);\n}\n\nfunction booleanLiteralTypeAnnotation(...args) {\n
return (0, _builder.default)("BooleanLiteralTypeAnnotation", ...args);\n}\n\nfunction
nullLiteralTypeAnnotation(...args) {\n return (0, _builder.default)("NullLiteralTypeAnnotation",

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...args);\n}\n\nfunction classImplements(...args) {\n return (0, _builder.default)(\"ClassImplements\",
...args);\n}\n\nfunction declareClass(...args) {\n return (0, _builder.default)(\"DeclareClass\",
...args);\n}\n\nfunction declareFunction(...args) {\n return (0, _builder.default)(\"DeclareFunction\",
...args);\n}\n\nfunction declareInterface(...args) {\n return (0, _builder.default)(\"DeclareInterface\",
...args);\n}\n\nfunction declareModule(...args) {\n return (0, _builder.default)(\"DeclareModule\",
...args);\n}\n\nfunction declareModuleExports(...args) {\n return (0, _builder.default)(\"DeclareModuleExports\",
...args);\n}\n\nfunction declareTypeAlias(...args) {\n return (0, _builder.default)(\"DeclareTypeAlias\",
...args);\n}\n\nfunction declareOpaqueType(...args) {\n return (0, _builder.default)(\"DeclareOpaqueType\",
...args);\n}\n\nfunction declareVariable(...args) {\n return (0, _builder.default)(\"DeclareVariable\",
...args);\n}\n\nfunction declareExportDeclaration(...args) {\n return (0,
_builder.default)(\"DeclareExportDeclaration\", ...args);\n}\n\nfunction declareExportAllDeclaration(...args) {\n
return (0, _builder.default)(\"DeclareExportAllDeclaration\", ...args);\n}\n\nfunction declaredPredicate(...args) {\n
return (0, _builder.default)(\"DeclaredPredicate\", ...args);\n}\n\nfunction existsTypeAnnotation(...args) {\n
return (0, _builder.default)(\"ExistsTypeAnnotation\", ...args);\n}\n\nfunction functionTypeAnnotation(...args) {\n
return (0, _builder.default)(\"FunctionTypeAnnotation\", ...args);\n}\n\nfunction functionTypeParam(...args) {\n
return (0, _builder.default)(\"FunctionTypeParam\", ...args);\n}\n\nfunction genericTypeAnnotation(...args) {\n
return (0, _builder.default)(\"GenericTypeAnnotation\", ...args);\n}\n\nfunction inferredPredicate(...args) {\n
return (0, _builder.default)(\"InferredPredicate\", ...args);\n}\n\nfunction interfaceExtends(...args) {\n
return (0, _builder.default)(\"InterfaceExtends\", ...args);\n}\n\nfunction interfaceDeclaration(...args) {\n
return (0, _builder.default)(\"InterfaceDeclaration\", ...args);\n}\n\nfunction interfaceTypeAnnotation(...args) {\n
return (0, _builder.default)(\"InterfaceTypeAnnotation\", ...args);\n}\n\nfunction intersectionTypeAnnotation(...args) {\n
return (0, _builder.default)(\"IntersectionTypeAnnotation\", ...args);\n}\n\nfunction mixedTypeAnnotation(...args)
{\n return (0, _builder.default)(\"MixedTypeAnnotation\", ...args);\n}\n\nfunction emptyTypeAnnotation(...args)
{\n return (0, _builder.default)(\"EmptyTypeAnnotation\", ...args);\n}\n\nfunction nullableTypeAnnotation(...args)
{\n return (0, _builder.default)(\"NullableTypeAnnotation\", ...args);\n}\n\nfunction
numberLiteralTypeAnnotation(...args) {\n return (0, _builder.default)(\"NumberLiteralTypeAnnotation\",
...args);\n}\n\nfunction numberTypeAnnotation(...args) {\n return (0, _builder.default)(\"NumberTypeAnnotation\",
...args);\n}\n\nfunction objectTypeAnnotation(...args) {\n return (0, _builder.default)(\"ObjectTypeAnnotation\",
...args);\n}\n\nfunction objectTypeInternalSlot(...args) {\n return (0, _builder.default)(\"ObjectTypeInternalSlot\",
...args);\n}\n\nfunction objectTypeCallProperty(...args) {\n return (0, _builder.default)(\"ObjectTypeCallProperty\",
...args);\n}\n\nfunction objectTypeIndexer(...args) {\n return (0, _builder.default)(\"ObjectTypeIndexer\",
...args);\n}\n\nfunction objectTypeProperty(...args) {\n return (0, _builder.default)(\"ObjectTypeProperty\",
...args);\n}\n\nfunction objectTypeSpreadProperty(...args) {\n return (0,
_builder.default)(\"ObjectTypeSpreadProperty\", ...args);\n}\n\nfunction opaqueType(...args) {\n return (0,
_builder.default)(\"OpaqueType\", ...args);\n}\n\nfunction qualifiedTypeIdentifier(...args) {\n return (0,
_builder.default)(\"QualifiedTypeIdentifier\", ...args);\n}\n\nfunction stringLiteralTypeAnnotation(...args) {\n
return (0, _builder.default)(\"StringLiteralTypeAnnotation\", ...args);\n}\n\nfunction stringTypeAnnotation(...args)
{\n return (0, _builder.default)(\"StringTypeAnnotation\", ...args);\n}\n\nfunction symbolTypeAnnotation(...args)
{\n return (0, _builder.default)(\"SymbolTypeAnnotation\", ...args);\n}\n\nfunction thisTypeAnnotation(...args) {\n
return (0, _builder.default)(\"ThisTypeAnnotation\", ...args);\n}\n\nfunction tupleTypeAnnotation(...args) {\n
return (0, _builder.default)(\"TupleTypeAnnotation\", ...args);\n}\n\nfunction typeofTypeAnnotation(...args) {\n
return (0, _builder.default)(\"TypeofTypeAnnotation\", ...args);\n}\n\nfunction typeAlias(...args) {\n return (0,
_builder.default)(\"TypeAlias\", ...args);\n}\n\nfunction typeAnnotation(...args) {\n return (0,
_builder.default)(\"TypeAnnotation\", ...args);\n}\n\nfunction typeCastExpression(...args) {\n return (0,
_builder.default)(\"TypeCastExpression\", ...args);\n}\n\nfunction typeParameter(...args) {\n return (0,
_builder.default)(\"TypeParameter\", ...args);\n}\n\nfunction typeParameterDeclaration(...args) {\n return (0,
_builder.default)(\"TypeParameterDeclaration\", ...args);\n}\n\nfunction typeParameterInstantiation(...args) {\n
return (0, _builder.default)(\"TypeParameterInstantiation\", ...args);\n}\n\nfunction unionTypeAnnotation(...args)

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{\n return (0, _builder.default)("UnionTypeAnnotation", ...args);\n}\n\nfunction variance(...args) {\n return (0,
_builder.default)("Variance", ...args);\n}\n\nfunction voidTypeAnnotation(...args) {\n return (0,
_builder.default)("VoidTypeAnnotation", ...args);\n}\n\nfunction enumDeclaration(...args) {\n return (0,
_builder.default)("EnumDeclaration", ...args);\n}\n\nfunction enumBooleanBody(...args) {\n return (0,
_builder.default)("EnumBooleanBody", ...args);\n}\n\nfunction enumNumberBody(...args) {\n return (0,
_builder.default)("EnumNumberBody", ...args);\n}\n\nfunction enumStringBody(...args) {\n return (0,
_builder.default)("EnumStringBody", ...args);\n}\n\nfunction enumSymbolBody(...args) {\n return (0,
_builder.default)("EnumSymbolBody", ...args);\n}\n\nfunction enumBooleanMember(...args) {\n return (0,
_builder.default)("EnumBooleanMember", ...args);\n}\n\nfunction enumNumberMember(...args) {\n return (0,
_builder.default)("EnumNumberMember", ...args);\n}\n\nfunction enumStringMember(...args) {\n return (0,
_builder.default)("EnumStringMember", ...args);\n}\n\nfunction enumDefaultedMember(...args) {\n return (0,
_builder.default)("EnumDefaultedMember", ...args);\n}\n\nfunction jsxAttribute(...args) {\n return (0,
_builder.default)("JSXAttribute", ...args);\n}\n\nfunction jsxClosingElement(...args) {\n return (0,
_builder.default)("JSXClosingElement", ...args);\n}\n\nfunction jsxElement(...args) {\n return (0,
_builder.default)("JSXElement", ...args);\n}\n\nfunction jsxEmptyExpression(...args) {\n return (0,
_builder.default)("JSXEmptyExpression", ...args);\n}\n\nfunction jsxExpressionContainer(...args) {\n return (0,
_builder.default)("JSXExpressionContainer", ...args);\n}\n\nfunction jsxSpreadChild(...args) {\n return (0,
_builder.default)("JSXSpreadChild", ...args);\n}\n\nfunction jsxIdentifier(...args) {\n return (0,
_builder.default)("JSXIdentifier", ...args);\n}\n\nfunction jsxMemberExpression(...args) {\n return (0,
_builder.default)("JSXMemberExpression", ...args);\n}\n\nfunction jsxNamespacedName(...args) {\n return (0,
_builder.default)("JSXNamespacedName", ...args);\n}\n\nfunction jsxOpeningElement(...args) {\n return (0,
_builder.default)("JSXOpeningElement", ...args);\n}\n\nfunction jsxSpreadAttribute(...args) {\n return (0,
_builder.default)("JSXSpreadAttribute", ...args);\n}\n\nfunction jsxText(...args) {\n return (0,
_builder.default)("JSXText", ...args);\n}\n\nfunction jsxFragment(...args) {\n return (0,
_builder.default)("JSXFragment", ...args);\n}\n\nfunction jsxOpeningFragment(...args) {\n return (0,
_builder.default)("JSXOpeningFragment", ...args);\n}\n\nfunction jsxClosingFragment(...args) {\n return (0,
_builder.default)("JSXClosingFragment", ...args);\n}\n\nfunction noop(...args) {\n return (0,
_builder.default)("Noop", ...args);\n}\n\nfunction placeholder(...args) {\n return (0,
_builder.default)("Placeholder", ...args);\n}\n\nfunction v8IntrinsicIdentifier(...args) {\n return (0,
_builder.default)("V8IntrinsicIdentifier", ...args);\n}\n\nfunction argumentPlaceholder(...args) {\n return (0,
_builder.default)("ArgumentPlaceholder", ...args);\n}\n\nfunction bindExpression(...args) {\n return (0,
_builder.default)("BindExpression", ...args);\n}\n\nfunction classProperty(...args) {\n return (0,
_builder.default)("ClassProperty", ...args);\n}\n\nfunction pipelineTopicExpression(...args) {\n return (0,
_builder.default)("PipelineTopicExpression", ...args);\n}\n\nfunction pipelineBareFunction(...args) {\n return (0,
_builder.default)("PipelineBareFunction", ...args);\n}\n\nfunction pipelinePrimaryTopicReference(...args) {\n
return (0, _builder.default)("PipelinePrimaryTopicReference", ...args);\n}\n\nfunction classPrivateProperty(...args)
{\n return (0, _builder.default)("ClassPrivateProperty", ...args);\n}\n\nfunction classPrivateMethod(...args) {\n
return (0, _builder.default)("ClassPrivateMethod", ...args);\n}\n\nfunction importAttribute(...args) {\n return (0,
_builder.default)("ImportAttribute", ...args);\n}\n\nfunction decorator(...args) {\n return (0,
_builder.default)("Decorator", ...args);\n}\n\nfunction doExpression(...args) {\n return (0,
_builder.default)("DoExpression", ...args);\n}\n\nfunction exportDefaultSpecifier(...args) {\n return (0,
_builder.default)("ExportDefaultSpecifier", ...args);\n}\n\nfunction privateName(...args) {\n return (0,
_builder.default)("PrivateName", ...args);\n}\n\nfunction recordExpression(...args) {\n return (0,
_builder.default)("RecordExpression", ...args);\n}\n\nfunction tupleExpression(...args) {\n return (0,
_builder.default)("TupleExpression", ...args);\n}\n\nfunction decimalLiteral(...args) {\n return (0,
_builder.default)("DecimalLiteral", ...args);\n}\n\nfunction staticBlock(...args) {\n return (0,
_builder.default)("StaticBlock", ...args);\n}\n\nfunction tsParameterProperty(...args) {\n return (0,
_builder.default)("TSPParameterProperty", ...args);\n}\n\nfunction tsDeclareFunction(...args) {\n return (0,

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_builder.default)("TSDeclareFunction\", ...args);\\n}\\n\\nfunction tsDeclareMethod(...args) {\\n return (0,
_builder.default)("TSDeclareMethod\", ...args);\\n}\\n\\nfunction tsQualifiedName(...args) {\\n return (0,
_builder.default)("TSQualifiedName\", ...args);\\n}\\n\\nfunction tsCallSignatureDeclaration(...args) {\\n return (0,
_builder.default)("TSCallSignatureDeclaration\", ...args);\\n}\\n\\nfunction tsConstructSignatureDeclaration(...args)
{\\n return (0, _builder.default)("TSConstructSignatureDeclaration\", ...args);\\n}\\n\\nfunction
tsPropertySignature(...args) {\\n return (0, _builder.default)("TSPropertySignature\", ...args);\\n}\\n\\nfunction
tsMethodSignature(...args) {\\n return (0, _builder.default)("TSMethodSignature\", ...args);\\n}\\n\\nfunction
tsIndexSignature(...args) {\\n return (0, _builder.default)("TSIndexSignature\", ...args);\\n}\\n\\nfunction
tsAnyKeyword(...args) {\\n return (0, _builder.default)("TSAnyKeyword\", ...args);\\n}\\n\\nfunction
tsBooleanKeyword(...args) {\\n return (0, _builder.default)("TSBooleanKeyword\", ...args);\\n}\\n\\nfunction
tsBigIntKeyword(...args) {\\n return (0, _builder.default)("TSBigIntKeyword\", ...args);\\n}\\n\\nfunction
tsIntrinsicKeyword(...args) {\\n return (0, _builder.default)("TSIntrinsicKeyword\", ...args);\\n}\\n\\nfunction
tsNeverKeyword(...args) {\\n return (0, _builder.default)("TSNeverKeyword\", ...args);\\n}\\n\\nfunction
tsNullKeyword(...args) {\\n return (0, _builder.default)("TSNullKeyword\", ...args);\\n}\\n\\nfunction
tsNumberKeyword(...args) {\\n return (0, _builder.default)("TSNumberKeyword\", ...args);\\n}\\n\\nfunction
tsObjectKeyword(...args) {\\n return (0, _builder.default)("TSObjectKeyword\", ...args);\\n}\\n\\nfunction
tsStringKeyword(...args) {\\n return (0, _builder.default)("TSStringKeyword\", ...args);\\n}\\n\\nfunction
tsSymbolKeyword(...args) {\\n return (0, _builder.default)("TSSymbolKeyword\", ...args);\\n}\\n\\nfunction
tsUndefinedKeyword(...args) {\\n return (0, _builder.default)("TSUndefinedKeyword\", ...args);\\n}\\n\\nfunction
tsUnknownKeyword(...args) {\\n return (0, _builder.default)("TSUnknownKeyword\", ...args);\\n}\\n\\nfunction
tsVoidKeyword(...args) {\\n return (0, _builder.default)("TSVoidKeyword\", ...args);\\n}\\n\\nfunction
tsThisType(...args) {\\n return (0, _builder.default)("TSThisType\", ...args);\\n}\\n\\nfunction tsFunctionType(...args)
{\\n return (0, _builder.default)("TSFunctionType\", ...args);\\n}\\n\\nfunction tsConstructorType(...args) {\\n return
(0, _builder.default)("TSConstructorType\", ...args);\\n}\\n\\nfunction tsTypeReference(...args) {\\n return (0,
_builder.default)("TSTypeReference\", ...args);\\n}\\n\\nfunction tsTypePredicate(...args) {\\n return (0,
_builder.default)("TSTypePredicate\", ...args);\\n}\\n\\nfunction tsTypeQuery(...args) {\\n return (0,
_builder.default)("TSTypeQuery\", ...args);\\n}\\n\\nfunction tsTypeLiteral(...args) {\\n return (0,
_builder.default)("TSTypeLiteral\", ...args);\\n}\\n\\nfunction tsArrayType(...args) {\\n return (0,
_builder.default)("TSArrayType\", ...args);\\n}\\n\\nfunction tsTupleType(...args) {\\n return (0,
_builder.default)("TSTupleType\", ...args);\\n}\\n\\nfunction tsOptionalType(...args) {\\n return (0,
_builder.default)("TSOptionalType\", ...args);\\n}\\n\\nfunction tsRestType(...args) {\\n return (0,
_builder.default)("TSRestType\", ...args);\\n}\\n\\nfunction tsNamedTupleMember(...args) {\\n return (0,
_builder.default)("TSNamedTupleMember\", ...args);\\n}\\n\\nfunction tsUnionType(...args) {\\n return (0,
_builder.default)("TSUnionType\", ...args);\\n}\\n\\nfunction tsIntersectionType(...args) {\\n return (0,
_builder.default)("TSIntersectionType\", ...args);\\n}\\n\\nfunction tsConditionalType(...args) {\\n return (0,
_builder.default)("TSConditionalType\", ...args);\\n}\\n\\nfunction tsInferType(...args) {\\n return (0,
_builder.default)("TSInferType\", ...args);\\n}\\n\\nfunction tsParenthesizedType(...args) {\\n return (0,
_builder.default)("TSParenthesizedType\", ...args);\\n}\\n\\nfunction tsTypeOperator(...args) {\\n return (0,
_builder.default)("TSTypeOperator\", ...args);\\n}\\n\\nfunction tsIndexedAccessType(...args) {\\n return (0,
_builder.default)("TSIndexedAccessType\", ...args);\\n}\\n\\nfunction tsMappedType(...args) {\\n return (0,
_builder.default)("TSMappedType\", ...args);\\n}\\n\\nfunction tsLiteralType(...args) {\\n return (0,
_builder.default)("TSLiteralType\", ...args);\\n}\\n\\nfunction tsExpressionWithTypeArguments(...args) {\\n return (0,
_builder.default)("TSExpressionWithTypeArguments\", ...args);\\n}\\n\\nfunction tsInterfaceDeclaration(...args) {\\n
return (0, _builder.default)("TSInterfaceDeclaration\", ...args);\\n}\\n\\nfunction tsInterfaceBody(...args) {\\n
return (0, _builder.default)("TSInterfaceBody\", ...args);\\n}\\n\\nfunction tsTypeAliasDeclaration(...args) {\\n
return (0, _builder.default)("TSTypeAliasDeclaration\", ...args);\\n}\\n\\nfunction tsAsExpression(...args) {\\n
return (0, _builder.default)("TSAExpression\", ...args);\\n}\\n\\nfunction tsTypeAssertion(...args) {\\n return (0,
_builder.default)("TSTypeAssertion\", ...args);\\n}\\n\\nfunction tsEnumDeclaration(...args) {\\n return (0,

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_builder.default)("TSEnumDeclaration", ...args);\n}\n\nfunction tsEnumMember(...args) {\n return (0,
_builder.default)("TSEnumMember", ...args);\n}\n\nfunction tsModuleDeclaration(...args) {\n return (0,
_builder.default)("TSModuleDeclaration", ...args);\n}\n\nfunction tsModuleBlock(...args) {\n return (0,
_builder.default)("TSModuleBlock", ...args);\n}\n\nfunction tsImportType(...args) {\n return (0,
_builder.default)("TSImportType", ...args);\n}\n\nfunction tsImportEqualsDeclaration(...args) {\n return (0,
_builder.default)("TSImportEqualsDeclaration", ...args);\n}\n\nfunction tsExternalModuleReference(...args) {\n
return (0, _builder.default)("TSExternalModuleReference", ...args);\n}\n\nfunction tsNonNullExpression(...args)
{\n return (0, _builder.default)("TSNonNullExpression", ...args);\n}\n\nfunction tsExportAssignment(...args) {\n
return (0, _builder.default)("TSExportAssignment", ...args);\n}\n\nfunction tsNamespaceExportDeclaration(...args)
{\n return (0, _builder.default)("TSNamespaceExportDeclaration", ...args);\n}\n\nfunction
tsTypeAnnotation(...args) {\n return (0, _builder.default)("TSTypeAnnotation", ...args);\n}\n\nfunction
tsTypeParameterInstantiation(...args) {\n return (0, _builder.default)("TSTypeParameterInstantiation",
...args);\n}\n\nfunction tsTypeParameterDeclaration(...args) {\n return (0,
_builder.default)("TSTypeParameterDeclaration", ...args);\n}\n\nfunction tsTypeParameter(...args) {\n return (0,
_builder.default)("TSTypeParameter", ...args);\n}\n\nfunction NumberLiteral(...args) {\n console.trace("The node
type NumberLiteral has been renamed to NumericLiteral");\n return (0, _builder.default)("NumberLiteral",
...args);\n}\n\nfunction RegexLiteral(...args) {\n console.trace("The node type RegexLiteral has been renamed to
RegExpLiteral");\n return (0, _builder.default)("RegexLiteral", ...args);\n}\n\nfunction RestProperty(...args) {\n
console.trace("The node type RestProperty has been renamed to RestElement");\n return (0,
_builder.default)("RestProperty", ...args);\n}\n\nfunction SpreadProperty(...args) {\n console.trace("The node
type SpreadProperty has been renamed to SpreadElement");\n return (0, _builder.default)("SpreadProperty",
...args);\n},"","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value:
true\n});\n\nObject.defineProperty(exports, "VISITOR_KEYS", {\n enumerable: true,\n get: function () {\n return
_utils.VISITOR_KEYS;\n } });\n\nObject.defineProperty(exports, "ALIAS_KEYS", {\n enumerable: true,\n get:
function () {\n return _utils.ALIAS_KEYS;\n } });\n\nObject.defineProperty(exports,
"FLIPPED_ALIAS_KEYS", {\n enumerable: true,\n get: function () {\n return
_utils.FLIPPED_ALIAS_KEYS;\n } });\n\nObject.defineProperty(exports, "NODE_FIELDS", {\n enumerable:
true,\n get: function () {\n return _utils.NODE_FIELDS;\n } });\n\nObject.defineProperty(exports,
"BUILDER_KEYS", {\n enumerable: true,\n get: function () {\n return _utils.BUILDER_KEYS;\n
} });\n\nObject.defineProperty(exports, "DEPRECATED_KEYS", {\n enumerable: true,\n get: function () {\n
return _utils.DEPRECATED_KEYS;\n } });\n\nObject.defineProperty(exports,
"NODE_PARENT_VALIDATIONS", {\n enumerable: true,\n get: function () {\n return
_utils.NODE_PARENT_VALIDATIONS;\n } });\n\nObject.defineProperty(exports, "PLACEHOLDERS", {\n
enumerable: true,\n get: function () {\n return _placeholders.PLACEHOLDERS;\n
} });\n\nObject.defineProperty(exports, "PLACEHOLDERS_ALIAS", {\n enumerable: true,\n get: function () {\n
return _placeholders.PLACEHOLDERS_ALIAS;\n } });\n\nObject.defineProperty(exports,
"PLACEHOLDERS_FLIPPED_ALIAS", {\n enumerable: true,\n get: function () {\n return
_placeholders.PLACEHOLDERS_FLIPPED_ALIAS;\n } });\n\nexports.TYPES = void 0;\n\nvar _toFastProperties
= _interopRequireDefault(require("to-fast-
properties"));
\n\nrequire("./core");
\n\nrequire("./flow");
\n\nrequire("./jsx");
\n\nrequire("./misc");
\n\nrequire("./experimental");
\n\nrequire("./typescript");
\n\nvar _utils = require("./utils");
\n\nvar _placeholders =
require("./placeholders");
\n\nfunction _interopRequireDefault(obj) { return obj && obj.__esModule ? obj : {
default: obj }; }
\n\n(0, _toFastProperties.default)(_utils.VISITOR_KEYS);\n(0,
_toFastProperties.default)(_utils.ALIAS_KEYS);\n(0,
_toFastProperties.default)(_utils.FLIPPED_ALIAS_KEYS);\n(0,
_toFastProperties.default)(_utils.NODE_FIELDS);\n(0, _toFastProperties.default)(_utils.BUILDER_KEYS);\n(0,
_toFastProperties.default)(_utils.DEPRECATED_KEYS);\n(0,
_toFastProperties.default)(_placeholders.PLACEHOLDERS_ALIAS);\n(0,

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_toFastProperties.default)(_placeholders.PLACEHOLDERS_FLIPPED_ALIAS);\nconst TYPES =
Object.keys(_utils.VISITOR_KEYS).concat(Object.keys(_utils.FLIPPED_ALIAS_KEYS)).concat(Object.keys(_uti
ls.DEPRECATED_KEYS));\nexports.TYPES = TYPES;"\n\n"use strict";\n\nObject.defineProperty(exports,
\n__esModule", {\n  value: true\n});\n\nObject.defineProperty(exports, "VISITOR_KEYS", {\n  enumerable: true,\n  get: function () {\n    return _utils.VISITOR_KEYS;\n  }\n});\n\nObject.defineProperty(exports, "ALIAS_KEYS",
{\n  enumerable: true,\n  get: function () {\n    return _utils.ALIAS_KEYS;\n  }\n});\n\nObject.defineProperty(exports,
\nFLIPPED_ALIAS_KEYS", {\n  enumerable: true,\n  get: function () {\n    return
_utils.FLIPPED_ALIAS_KEYS;\n  }\n});\n\nObject.defineProperty(exports, "NODE_FIELDS", {\n  enumerable:
true,\n  get: function () {\n    return _utils.NODE_FIELDS;\n  }\n});\n\nObject.defineProperty(exports,
\nBUILDER_KEYS", {\n  enumerable: true,\n  get: function () {\n    return _utils.BUILDER_KEYS;\n
}\n});\n\nObject.defineProperty(exports, "DEPRECATED_KEYS", {\n  enumerable: true,\n  get: function () {\n
return _utils.DEPRECATED_KEYS;\n  }\n});\n\nObject.defineProperty(exports,
\nNODE_PARENT_VALIDATIONS", {\n  enumerable: true,\n  get: function () {\n    return
_utils.NODE_PARENT_VALIDATIONS;\n  }\n});\n\nObject.defineProperty(exports, "PLACEHOLDERS", {\n
enumerable: true,\n  get: function () {\n    return _placeholders.PLACEHOLDERS;\n
}\n});\n\nObject.defineProperty(exports, "PLACEHOLDERS_ALIAS", {\n  enumerable: true,\n  get: function () {\n
return _placeholders.PLACEHOLDERS_ALIAS;\n  }\n});\n\nObject.defineProperty(exports,
\nPLACEHOLDERS_FLIPPED_ALIAS", {\n  enumerable: true,\n  get: function () {\n    return
_placeholders.PLACEHOLDERS_FLIPPED_ALIAS;\n  }\n});\n\nexports.TYPES = void 0;\n\nvar _toFastProperties
= require("to-fast-
properties");\n\nrequire("./core");\n\nrequire("./flow");\n\nrequire("./jsx");\n\nrequire("./misc");\n\nrequire("./
experimental");\n\nrequire("./typescript");\n\nvar _utils = require("./utils");\n\nvar _placeholders =
require("./placeholders");\n\n_toFastProperties(_utils.VISITOR_KEYS);\n\n_toFastProperties(_utils.ALIAS_KEY
S);\n\n_toFastProperties(_utils.FLIPPED_ALIAS_KEYS);\n\n_toFastProperties(_utils.NODE_FIELDS);\n\n_toFast
Properties(_utils.BUILDER_KEYS);\n\n_toFastProperties(_utils.DEPRECATED_KEYS);\n\n_toFastProperties(_pl
aceholders.PLACEHOLDERS_ALIAS);\n\n_toFastProperties(_placeholders.PLACEHOLDERS_FLIPPED_ALIAS
);\n\nconst TYPES =
Object.keys(_utils.VISITOR_KEYS).concat(Object.keys(_utils.FLIPPED_ALIAS_KEYS)).concat(Object.keys(_uti
ls.DEPRECATED_KEYS));\n\nexports.TYPES = TYPES;"\n\nvar freeGlobal = require('./_freeGlobal');\n\n\n** Detect
free variable `self`. *\n\nvar freeSelf = typeof self === 'object' && self && self.Object === Object && self;\n\n\n**
Used as a reference to the global object. *\n\nvar root = freeGlobal || freeSelf || Function('return
this')();\n\n\nmodule.exports = root;\n\n\n"use strict";\n\n\nObject.defineProperty(exports, "__esModule", {\n
value: true\n});\n\n\nexports.default = exports.SHOULD_SKIP = exports.SHOULD_STOP = exports.REMOVED = void
0;\n\n\nvar virtualTypes = _interopRequireWildcard(require("./lib/virtual-types")); \n\n\nvar _debug =
_interopRequireDefault(require("debug")); \n\n\nvar _index = _interopRequireDefault(require("./index")); \n\n\nvar
_scope = _interopRequireDefault(require("../scope")); \n\n\nvar t =
_interopRequireWildcard(require("@babel/types")); \n\n\nvar _cache = require("../cache"); \n\n\nvar _generator =
_interopRequireDefault(require("@babel/generator")); \n\n\nvar NodePath_ancestry =
_interopRequireWildcard(require("./ancestry")); \n\n\nvar NodePath_inference =
_interopRequireWildcard(require("./inference")); \n\n\nvar NodePath_replacement =
_interopRequireWildcard(require("./replacement")); \n\n\nvar NodePath_evaluation =
_interopRequireWildcard(require("./evaluation")); \n\n\nvar NodePath_conversion =
_interopRequireWildcard(require("./conversion")); \n\n\nvar NodePath_introspection =
_interopRequireWildcard(require("./introspection")); \n\n\nvar NodePath_context =
_interopRequireWildcard(require("./context")); \n\n\nvar NodePath_removal =
_interopRequireWildcard(require("./removal")); \n\n\nvar NodePath_modification =
_interopRequireWildcard(require("./modification")); \n\n\nvar NodePath_family =
_interopRequireWildcard(require("./family")); \n\n\nvar NodePath_comments =

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_interopRequireWildcard(require(\"./comments\"));\n\nfunction _interopRequireDefault(obj) { return obj &&
obj.__esModule ? obj : { default: obj }; }\n\nfunction _getRequireWildcardCache() { if (typeof WeakMap !==
\"function\") return null; var cache = new WeakMap(); _getRequireWildcardCache = function () { return cache; };
return cache; }\n\nfunction _interopRequireWildcard(obj) { if (obj && obj.__esModule) { return obj; } if (obj ===
null || typeof obj !== \"object\" && typeof obj !== \"function\") { return { default: obj }; } var cache =
_getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var
hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }\n\nconst debug = (0, _debug.default)(\"babel\");\nconst REMOVED = 1
<< 0;\nexports.REMOVED = REMOVED;\nconst SHOULD_STOP = 1 << 1;\nexports.SHOULD_STOP =
SHOULD_STOP;\nconst SHOULD_SKIP = 1 << 2;\nexports.SHOULD_SKIP = SHOULD_SKIP;\n\nclass
NodePath {\n  constructor(hub, parent) {\n    this.contexts = [];\n    this.state = null;\n    this.opts = null;\n    this._traverseFlags = 0;\n    this.skipKeys = null;\n    this.parentPath = null;\n    this.container = null;\n    this.listKey
= null;\n    this.key = null;\n    this.node = null;\n    this.type = null;\n    this.parent = parent;\n    this.hub = hub;\n    this.data = null;\n    this.context = null;\n    this.scope = null;\n  }\n  static get({\n    hub,\n    parentPath,\n    parent,\n    container,\n    listKey,\n    key\n  }) {\n    if (!hub && parentPath) {\n      hub = parentPath.hub;\n    }\n    if (!parent) {\n      throw new Error(\"To get a node path the parent needs to exist\");\n    }\n    const targetNode =
container[key];\n    const paths = _cache.path.get(parent) || [];\n    if (!_cache.path.has(parent)) {\n      _cache.path.set(parent, paths);\n    }\n    let path;\n    for (let i = 0; i < paths.length; i++) {\n      const pathCheck
= paths[i];\n      if (pathCheck.node === targetNode) {\n        path = pathCheck;\n        break;\n      }\n    }\n    if
(!path) {\n      path = new NodePath(hub, parent);\n      paths.push(path);\n    }\n    path.setup(parentPath,
container, listKey, key);\n    return path;\n  }\n  getScope(scope) {\n    return this.isScope() ? new
_scope.default(this) : scope;\n  }\n  setData(key, val) {\n    if (this.data == null) {\n      this.data =
Object.create(null);\n    }\n    return this.data[key] = val;\n  }\n  getData(key, def) {\n    if (this.data == null) {\n      this.data = Object.create(null);\n    }\n    let val = this.data[key];\n    if (val === undefined && def !==
undefined) val = this.data[key] = def;\n    return val;\n  }\n  buildCodeFrameError(msg, Error = SyntaxError) {\n    return this.hub.buildError(this.node, msg, Error);\n  }\n  traverse(visitor, state) {\n    (0, _index.default)(this.node,
visitor, this.scope, state, this);\n  }\n  set(key, node) {\n    t.validate(this.node, key, node);\n    this.node[key] =
node;\n  }\n  getPathLocation() {\n    const parts = [];\n    let path = this;\n    do {\n      let key = path.key;\n      (path.inList) key = `${path.listKey}[${key}]`; parts.unshift(key); } while (path = path.parentPath);\n    return parts.join(\".\");\n  }\n  debug(message) {\n    if (!debug.enabled) return;\n    debug(`${this.getPathLocation()} ${this.type}: ${message}`);\n  }\n  toString() {\n    return (0,
_generator.default)(this.node).code;\n  }\n  get inList() {\n    return !!this.listKey;\n  }\n  set inList(inList) {\n    if (!inList) {\n      this.listKey = null;\n    }\n  }\n  get parentKey() {\n    return this.listKey || this.key;\n  }\n  get
shouldSkip() {\n    return !(this._traverseFlags & SHOULD_SKIP);\n  }\n  set shouldSkip(v) {\n    if (v) {\n      this._traverseFlags |= SHOULD_SKIP;\n    } else {\n      this._traverseFlags &= ~SHOULD_SKIP;\n    }\n  }\n  get
shouldStop() {\n    return !(this._traverseFlags & SHOULD_STOP);\n  }\n  set shouldStop(v) {\n    if (v) {\n      this._traverseFlags |= SHOULD_STOP;\n    } else {\n      this._traverseFlags &= ~SHOULD_STOP;\n    }\n  }\n  get
removed() {\n    return !(this._traverseFlags & REMOVED);\n  }\n  set removed(v) {\n    if (v) {\n      this._traverseFlags |= REMOVED;\n    } else {\n      this._traverseFlags &= ~REMOVED;\n    }\n  }\n}\n\nexports.default = NodePath;\nObject.assign(NodePath.prototype, NodePath_ancestry,
NodePath_inference, NodePath_replacement, NodePath_evaluation, NodePath_conversion,
NodePath_introspection, NodePath_context, NodePath_removal, NodePath_modification, NodePath_family,
NodePath_comments);\n\nfor (const type of t.TYPES) {\n  const typeKey = `is${type}`;\n  const fn =
t[typeKey];\n  NodePath.prototype[typeKey] = function (opts) {\n    return fn(this.node, opts);\n  };\n  NodePath.prototype[`assert${type}`] = function (opts) {\n    if (!fn(this.node, opts)) {\n      throw new

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TypeError(`Expected node path of type ${type}`);
  }
}
for (const type of Object.keys(virtualTypes)) {
  if (type[0] === "_" || type[0] === ".") continue;
  if (t.TYPES.indexOf(type) < 0) t.TYPES.push(type);
  const virtualType =
  virtualTypes[type];
  NodePath.prototype[`is${type}`] = function (opts) {
    return virtualType.checkPath(this,
    opts);
  };
  "use strict";
  Object.defineProperty(exports, `__esModule`, {
    value:
    true
  });
  exports.validate = validate;
  exports.typeIs = typeIs;
  exports.validateType =
  validateType;
  exports.validateOptional = validateOptional;
  exports.validateOptionalType =
  validateOptionalType;
  exports.arrayOf = arrayOf;
  exports.arrayOfType =
  arrayOfType;
  exports.validateArrayOfType = validateArrayOfType;
  exports.assertEach =
  assertEach;
  exports.assertOneOf = assertOneOf;
  exports.assertNodeType =
  assertNodeType;
  exports.assertNodeOrValueType = assertNodeOrValueType;
  exports.assertValueType =
  assertValueType;
  exports.assertShape = assertShape;
  exports.assertOptionalChainStart =
  assertOptionalChainStart;
  exports.chain = chain;
  exports.default =
  defineType;
  exports.NODE_PARENT_VALIDATIONS = exports.DEPRECATED_KEYS =
  exports.BUILDER_KEYS = exports.NODE_FIELDS = exports.FLIPPED_ALIAS_KEYS = exports.ALIAS_KEYS
  = exports.VISITOR_KEYS = void 0;
  nvar _is = _interopRequireDefault(require("../validators/is"));
  nvar
  _validate = require("../validators/validate");
  nfunction _interopRequireDefault(obj) {
    return obj &&
    obj.__esModule ? obj : {
      default: obj
    };
  }
  const VISITOR_KEYS = {};
  exports.VISITOR_KEYS =
  VISITOR_KEYS;
  const ALIAS_KEYS = {};
  exports.ALIAS_KEYS = ALIAS_KEYS;
  const
  FLIPPED_ALIAS_KEYS = {};
  exports.FLIPPED_ALIAS_KEYS = FLIPPED_ALIAS_KEYS;
  const
  NODE_FIELDS = {};
  exports.NODE_FIELDS = NODE_FIELDS;
  const BUILDER_KEYS =
  {};
  exports.BUILDER_KEYS = BUILDER_KEYS;
  const DEPRECATED_KEYS =
  {};
  exports.DEPRECATED_KEYS = DEPRECATED_KEYS;
  const NODE_PARENT_VALIDATIONS =
  {};
  exports.NODE_PARENT_VALIDATIONS = NODE_PARENT_VALIDATIONS;
  nfunction getType(val)
  {
    if (Array.isArray(val)) {
      return "array";
    }
    else if (val === null) {
      return "null";
    }
    else {
      return
      typeof val;
    }
  }
  nfunction validate(validate) {
    return {
      validate
    };
  }
  nfunction typeIs(typeName) {
    return
    typeof typeName === "string" ? assertNodeType(typeName) :
    assertNodeType(...typeName);
  }
  nfunction validateType(typeName) {
    return
    validate(typeIs(typeName));
  }
  nfunction validateOptional(validate) {
    return {
      validate,
      optional: true
    };
  }
  nfunction validateOptionalType(typeName) {
    return {
      validate: typeIs(typeName),
      optional: true
    };
  }
  nfunction arrayOf(elementType) {
    return chain(assertValueType("array"),
    assertEach(elementType));
  }
  nfunction arrayOfType(typeName) {
    return
    arrayOf(typeIs(typeName));
  }
  nfunction validateArrayOfType(typeName) {
    return
    validate(arrayOfType(typeName));
  }
  nfunction assertEach(callback) {
    function validator(node, key, val) {
      if (!Array.isArray(val)) return;
      for (let i = 0; i < val.length; i++) {
        const subkey = `${key}[${i}]`;
        const v = val[i];
        callback(node, subkey, v);
        if (process.env.BABEL_TYPES_8_BREAKING) (0,
        _validate.validateChild)(node, subkey, v);
      }
    }
    validator.each = callback;
    return
    validator;
  }
  nfunction assertOneOf(...values) {
    function validate(node, key, val) {
      if (values.indexOf(val) <
      0) {
        throw new TypeError(`Property ${key} expected value to be one of ${JSON.stringify(values)} but got
        ${JSON.stringify(val)}`);
      }
    }
    validate.oneOf = values;
    return
    validate;
  }
  nfunction
  assertNodeType(...types) {
    function validate(node, key, val) {
      for (const type of types) {
        if ((0,
        _is.default)(type, val)) {
          (0, _validate.validateChild)(node, key, val);
          return;
        }
      }
      throw
      new TypeError(`Property ${key} of ${node.type} expected node to be of a type ${JSON.stringify(types)} but
      instead got ${JSON.stringify(val === null ? void 0 : val.type)}`);
    }
    validate.oneOfNodeTypes = types;
    return
    validate;
  }
  nfunction
  assertNodeOrValueType(...types) {
    function validate(node, key, val) {
      for
      (const type of types) {
        if (getType(val) === type || (0, _is.default)(type, val)) {
          (0,
          _validate.validateChild)(node, key, val);
          return;
        }
      }
      throw
      new TypeError(`Property ${key} of
      ${node.type} expected node to be of a type ${JSON.stringify(types)} but instead got ${JSON.stringify(val === null ?
      void 0 : val.type)}`);
    }
    validate.oneOfNodeOrValueTypes = types;
    return
    validate;
  }
  nfunction

```

```

assertValueType(type) {\n function validate(node, key, val) {\n   const valid = getType(val) === type;\n\n   if (!valid) {\n     throw new TypeError(`Property ${key} expected type of ${type} but got ${getType(val)}`);\n   }\n\n   validate.type = type;\n   return validate;\n}\n\nfunction assertShape(shape) {\n function validate(node, key, val) {\n   const errors = [];\n\n   for (const property of Object.keys(shape)) {\n     try {\n       (0, _validate.validateField)(node, property, val[property], shape[property]);\n     } catch (error) {\n       if (error instanceof TypeError) {\n         errors.push(error.message);\n         continue;\n       }\n       throw error;\n     }\n\n     if (errors.length) {\n       throw new TypeError(`Property ${key} of ${node.type} expected to have the following:\n\n${errors.join("\n\n")}`);\n     }\n   }\n\n   validate.shapeOf = shape;\n   return validate;\n}\n\nfunction assertOptionalChainStart() {\n function validate(node) {\n   var _current;\n\n   let current = node;\n\n   while (node) {\n     const {\n       type\n     } = current;\n\n     if (type === "OptionalCallExpression") {\n       if (current.optional) return;\n       current = current.callee;\n       continue;\n     }\n\n     if (type === "OptionalMemberExpression") {\n       if (current.optional) return;\n       current = current.object;\n       continue;\n     }\n\n     break;\n   }\n\n   throw new TypeError(`Non-optional ${node.type} must chain from an optional OptionalMemberExpression or OptionalCallExpression. Found chain from ${(_current = current) == null ? void 0 : _current.type}`);\n }\n\n return validate;\n}\n\nfunction chain(...fns) {\n function validate(...args) {\n   for (const fn of fns) {\n     fn(...args);\n   }\n }\n\n validate.chainOf = fns;\n return validate;\n}\n\nconst validTypeOpts = ["aliases", "builder", "deprecatedAlias", "fields", "inherits", "visitor", "validate"];\nconst validFieldKeys = ["default", "optional", "validate"];\n\nfunction defineType(type, opts = {}) {\n const inherits = opts.inherits && store[opts.inherits] || {};\n let fields = opts.fields;\n\n if (!fields) {\n   fields = {};\n }\n\n if (inherits.fields) {\n   const keys = Object.getOwnPropertyNames(inherits.fields);\n\n   for (const key of keys) {\n     const field = inherits.fields[key];\n     fields[key] = {\n       default: field.default,\n       optional: field.optional,\n       validate: field.validate\n     };\n   }\n }\n\n const visitor = opts.visitor || inherits.visitor || [];\n const aliases = opts.aliases || inherits.aliases || [];\n const builder = opts.builder || inherits.builder || opts.visitor || [];\n\n for (const k of Object.keys(opts)) {\n   if (validTypeOpts.indexOf(k) === -1) {\n     throw new Error(`Unknown type option "${k}" on ${type}`);\n   }\n }\n\n if (opts.deprecatedAlias) {\n   DEPRECATED_KEYS[opts.deprecatedAlias] = type;\n }\n\n for (const key of visitor.concat(builder)) {\n   fields[key] = fields[key] || {};\n }\n\n for (const key of Object.keys(fields)) {\n   const field = fields[key];\n\n   if (field.default !== undefined && builder.indexOf(key) === -1) {\n     field.optional = true;\n   }\n\n   if (field.default === undefined) {\n     field.default = null;\n   } else if (!field.validate && field.default !== null) {\n     field.validate = assertValueType(getType(field.default));\n   }\n\n   for (const k of Object.keys(field)) {\n     if (validFieldKeys.indexOf(k) === -1) {\n       throw new Error(`Unknown field key "${k}" on ${type}.${key}`);\n     }\n   }\n }\n\n VISITOR_KEYS[type] = opts.visitor = visitor;\n BUILDER_KEYS[type] = opts.builder = builder;\n NODE_FIELDS[type] = opts.fields = fields;\n ALIAS_KEYS[type] = opts.aliases = aliases;\n\n aliases.forEach(alias => {\n   FLIPPED_ALIAS_KEYS[alias] = FLIPPED_ALIAS_KEYS[alias] || [];\n   FLIPPED_ALIAS_KEYS[alias].push(type);\n });\n\n if (opts.validate) {\n   NODE_PARENT_VALIDATIONS[type] = opts.validate;\n }\n\n store[type] = opts;\n}\n\nconst store = {};\n\n"use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nexports.validate = validate;\nexports.typeIs = typeIs;\nexports.validateType = validateType;\nexports.validateOptional = validateOptional;\nexports.validateOptionalType = validateOptionalType;\nexports.arrayOf = arrayOf;\nexports.arrayOfType = arrayOfType;\nexports.validateArrayType = validateArrayType;\nexports.assertEach = assertEach;\nexports.assertOneOf = assertOneOf;\nexports.assertNodeType = assertNodeType;\nexports.assertNodeOrValueType = assertNodeOrValueType;\nexports.assertValueType = assertValueType;\nexports.assertShape = assertShape;\nexports.assertOptionalChainStart = assertOptionalChainStart;\nexports.chain = chain;\nexports.default = defineType;\nexports.NODE_PARENT_VALIDATIONS = exports.DEPRECATED_KEYS = exports.BUILDER_KEYS = exports.NODE_FIELDS = exports.FLIPPED_ALIAS_KEYS = exports.ALIAS_KEYS = exports.VISITOR_KEYS = void 0;\n\nvar _is = require("../validators/is");\n\nvar _validate = require("../validators/validate");\n\nconst VISITOR_KEYS =

```

```

};\nexports.VISITOR_KEYS = VISITOR_KEYS;\nconst ALIAS_KEYS = {};\nexports.ALIAS_KEYS =
ALIAS_KEYS;\nconst FLIPPED_ALIAS_KEYS = {};\nexports.FLIPPED_ALIAS_KEYS =
FLIPPED_ALIAS_KEYS;\nconst NODE_FIELDS = {};\nexports.NODE_FIELDS = NODE_FIELDS;\nconst
BUILDER_KEYS = {};\nexports.BUILDER_KEYS = BUILDER_KEYS;\nconst DEPRECATED_KEYS =
{};\nexports.DEPRECATED_KEYS = DEPRECATED_KEYS;\nconst NODE_PARENT_VALIDATIONS =
{};\nexports.NODE_PARENT_VALIDATIONS = NODE_PARENT_VALIDATIONS;\n\nfunction getType(val)
{\n  if (Array.isArray(val)) {\n    return "array";\n  } else if (val === null) {\n    return "null";\n  } else {\n    return
typeof val;\n  }\n}\n\nfunction validate(validate) {\n  return {\n    validate\n  };}\n\nfunction typeIs(typeName) {\n
return typeof typeName === "string" ? assertNodeType(typeName) :
assertNodeType(...typeName);}\n\nfunction validateType(typeName) {\n  return
validate(typeIs(typeName));}\n\nfunction validateOptional(validate) {\n  return {\n    validate,\n    optional: true\n
};}\n\nfunction validateOptionalType(typeName) {\n  return {\n    validate: typeIs(typeName),\n    optional: true\n
};}\n\nfunction arrayOf(elementType) {\n  return chain(assertValueType("array"),
assertEach(elementType));}\n\nfunction arrayOfType(typeName) {\n  return
arrayOf(typeIs(typeName));}\n\nfunction validateArrayOfType(typeName) {\n  return
validate(arrayOfType(typeName));}\n\nfunction assertEach(callback) {\n  function validator(node, key, val) {\n
if (!Array.isArray(val)) return;\n    for (let i = 0; i < val.length; i++) {\n      const subkey = `${key}[${i}]`;\n
const v = val[i];\n      callback(node, subkey, v);\n      if (process.env.BABEL_TYPES_8_BREAKING) (0,
_validate.validateChild)(node, subkey, v);\n    }\n  }\n  validator.each = callback;\n  return
validator;}\n\nfunction assertOneOf(...values) {\n  function validate(node, key, val) {\n    if (values.indexOf(val) <
0) {\n      throw new TypeError(`Property ${key} expected value to be one of ${JSON.stringify(values)} but got
${JSON.stringify(val)}`);\n    }\n  }\n  validate.oneOf = values;\n  return validate;}\n\nfunction
assertNodeType(...types) {\n  function validate(node, key, val) {\n    for (const type of types) {\n      if ((0,
_is.default)(type, val)) {\n        (0, _validate.validateChild)(node, key, val);\n        return;\n      }\n    }\n    throw
new TypeError(`Property ${key} of ${node.type} expected node to be of a type ${JSON.stringify(types)} but
instead got ${JSON.stringify(val == null ? void 0 : val.type)}`);\n  }\n  validate.oneOfNodeTypes = types;\n  return
validate;}\n\nfunction assertNodeOrValueType(...types) {\n  function validate(node, key, val) {\n    for
(const type of types) {\n      if (getType(val) === type || (0, _is.default)(type, val)) {\n        (0,
_validate.validateChild)(node, key, val);\n        return;\n      }\n    }\n    throw new TypeError(`Property
${key} of
${node.type} expected node to be of a type ${JSON.stringify(types)} but instead got ${JSON.stringify(val == null ?
void 0 : val.type)}`);\n  }\n  validate.oneOfNodeOrValueTypes = types;\n  return validate;}\n\nfunction
assertValueType(type) {\n  function validate(node, key, val) {\n    const valid = getType(val) === type;\n    if
(!valid) {\n      throw new TypeError(`Property ${key} expected type of ${type} but got ${getType(val)}`);\n    }\n
}\n  validate.type = type;\n  return validate;}\n\nfunction assertShape(shape) {\n  function validate(node, key,
val) {\n    const errors = [];\n    for (const property of Object.keys(shape)) {\n      try {\n        (0,
_validate.validateField)(node, property, val[property], shape[property]);\n      } catch (error) {\n        if (error
instanceof TypeError) {\n          errors.push(error.message);\n          continue;\n        }\n        throw error;\n      }\n
}\n    if (errors.length) {\n      throw new TypeError(`Property ${key} of ${node.type} expected to have the
following:\n${errors.join("\n")}`);\n    }\n  }\n  validate.shapeOf = shape;\n  return validate;}\n\nfunction
assertOptionalChainStart() {\n  function validate(node) {\n    var _current;\n    let current = node;\n    while
(node) {\n      const {\n        type\n      } = current;\n      if (type === "OptionalCallExpression") {\n        if
(current.optional) return;\n        current = current.callee;\n        continue;\n      }\n      if (type ===
"OptionalMemberExpression") {\n        if (current.optional) return;\n        current = current.object;\n        continue;\n      }\n      break;\n    }\n    throw new TypeError(`Non-optional ${node.type} must chain from an
optional OptionalMemberExpression or OptionalCallExpression. Found chain from ${(_current = current) == null ?
void 0 : _current.type}`);\n  }\n  return validate;}\n\nfunction chain(...fns) {\n  function validate(...args) {\n
for (const fn of fns) {\n    fn(...args);\n  }\n  validate.chainOf = fns;\n  if (fns.length >= 2 && "type" in
fns[0] && fns[0].type === "array" && !("each" in fns[1])) {\n    throw new Error(`An assertValueType("array")

```

```

validator can only be followed by an assertEach(...) validator.);
}

return validate;

const validTypeOpts = ["aliases", "builder", "deprecatedAlias", "fields", "inherits", "visitor", "validate"];
const validFieldKeys = ["default", "optional", "validate"];

function defineType(type, opts = {}) {
  const inherits = opts.inherits && store[opts.inherits] || {};
  let fields = opts.fields;

  if (!fields) {
    fields = {};

    if (inherits.fields) {
      const keys = Object.getOwnPropertyNames(inherits.fields);

      for (const key of keys) {
        const field = inherits.fields[key];
        const def = field.default;

        if (Array.isArray(def) ? def.length > 0 : def && typeof def === "object") {
          throw new Error("field defaults can only be primitives or empty arrays currently");
        }

        fields[key] = {
          default: Array.isArray(def) ? [] : def,
          optional: field.optional,
          validate: field.validate
        };
      }
    }
  }

  const visitor = opts.visitor || inherits.visitor || [];
  const aliases = opts.aliases || inherits.aliases || [];
  const builder = opts.builder || inherits.builder || opts.visitor || [];

  for (const k of Object.keys(opts)) {
    if (validTypeOpts.indexOf(k) === -1) {
      throw new Error(`Unknown type option "${k}" on ${type}`);
    }

    if (opts.deprecatedAlias) {
      DEPRECATED_KEYS[opts.deprecatedAlias] = type;
    }

    for (const key of visitor.concat(builder)) {
      fields[key] = fields[key] || {};
    }

    for (const key of Object.keys(fields)) {
      const field = fields[key];

      if (field.default !== undefined && builder.indexOf(key) === -1) {
        field.optional = true;
      }

      if (field.default === undefined) {
        field.default = null;
      } else if (!field.validate && field.default !== null) {
        field.validate = assertValueType(getType(field.default));
      }

      for (const k of Object.keys(field)) {
        if (validFieldKeys.indexOf(k) === -1) {
          throw new Error(`Unknown field key "${k}" on ${type}.${key}`);
        }
      }

      VISITOR_KEYS[type] = opts.visitor = visitor;
      BUILDER_KEYS[type] = opts.builder = builder;
      NODE_FIELDS[type] = opts.fields = fields;
      ALIAS_KEYS[type] = opts.aliases = aliases;
      aliases.forEach(alias => {
        FLIPPED_ALIAS_KEYS[alias] = FLIPPED_ALIAS_KEYS[alias] || [];
        FLIPPED_ALIAS_KEYS[alias].push(type);
      });

      if (opts.validate) {
        NODE_PARENT_VALIDATIONS[type] = opts.validate;
      }

      store[type] = opts;
    }

    const store = {};

    var baseIsNative = require('./_baseIsNative'),
        getValue = require('./_getValue');

    /**
     * Gets the native function at `key` of `object`.
     *
     * @private
     * @param {Object} object The object to query.
     * @param {string} key The key of the method to get.
     * @returns {*} Returns the function if it's native, else `undefined`.
     */
    function getNative(object, key) {
      var value = getValue(object, key);
      return baseIsNative(value) ? value : undefined;
    }

    module.exports = getNative;

    /**
     * Checks if `value` is object-like. A value is object-like if it's not `null` and has a `typeof` result of "object".
     *
     * @static
     * @memberOf _
     * @since 4.0.0
     * @category Lang
     * @param {*} value The value to check.
     * @returns {boolean} Returns `true` if `value` is object-like, else `false`.
     *
     * @example
     * _.isObjectLike({}); // => true
     * _.isObjectLike([1, 2, 3]); // => true
     * _.isObjectLike(_noop); // => false
     * _.isObjectLike(null); // => false
     */
    function isObjectLike(value) {
      return value != null && typeof value === 'object';
    }

    module.exports = isObjectLike;

    "use strict";

    Object.defineProperty(exports, "__esModule", {
      value: true
    });

    exports.NOT_LOCAL_BINDING = exports.BLOCK_SCOPED_SYMBOL = exports.INHERIT_KEYS = exports.UNARY_OPERATORS = exports.STRING_UNARY_OPERATORS = exports.NUMBER_UNARY_OPERATORS = exports.BOOLEAN_UNARY_OPERATORS = exports.ASSIGNMENT_OPERATORS = exports.BINARY_OPERATORS = exports.NUMBER_BINARY_OPERATORS = exports.BOOLEAN_BINARY_OPERATORS = exports.COMPARISON_BINARY_OPERATORS = exports.EQUALITY_BINARY_OPERATORS = exports.BOOLEAN_NUMBER_BINARY_OPERATORS = exports.UPDATE_OPERATORS = exports.LOGICAL_OPERATORS = exports.COMMENT_KEYS = exports.FOR_INIT_KEYS = exports.FLATTENABLE_KEYS = exports.STATEMENT_OR_BLOCK_KEYS = void 0;

    const STATEMENT_OR_BLOCK_KEYS = ["consequent", "body", "alternate"];

    exports.STATEMENT_OR_BLOCK_KEYS = STATEMENT_OR_BLOCK_KEYS;

    const FLATTENABLE_KEYS = ["body", "expressions"];

    exports.FLATTENABLE_KEYS = FLATTENABLE_KEYS;

    const FOR_INIT_KEYS = ["left", "init"];

    exports.FOR_INIT_KEYS = FOR_INIT_KEYS;

    const COMMENT_KEYS = ["leadingComments", "trailingComments", "innerComments"];

    exports.COMMENT_KEYS = COMMENT_KEYS;

    const LOGICAL_OPERATORS =

```

```

["|", "&&", "??"];
exports.LOGICAL_OPERATORS = LOGICAL_OPERATORS;
const
UPDATE_OPERATORS = ["++", "--"];
exports.UPDATE_OPERATORS = UPDATE_OPERATORS;
const
BOOLEAN_NUMBER_BINARY_OPERATORS = [">>", "<", ">=",
"<="];
exports.BOOLEAN_NUMBER_BINARY_OPERATORS =
BOOLEAN_NUMBER_BINARY_OPERATORS;
const EQUALITY_BINARY_OPERATORS = ["==",
"===", "!=", "!=="];
exports.EQUALITY_BINARY_OPERATORS =
EQUALITY_BINARY_OPERATORS;
const COMPARISON_BINARY_OPERATORS =
[...EQUALITY_BINARY_OPERATORS, "in",
"instanceof"];
exports.COMPARISON_BINARY_OPERATORS =
COMPARISON_BINARY_OPERATORS;
const BOOLEAN_BINARY_OPERATORS =
[...COMPARISON_BINARY_OPERATORS,
...BOOLEAN_NUMBER_BINARY_OPERATORS];
exports.BOOLEAN_BINARY_OPERATORS =
BOOLEAN_BINARY_OPERATORS;
const NUMBER_BINARY_OPERATORS = ["-", "^", "%", "*",
"**", "&", "|", ">>", ">>>", "<<", "^"];
exports.NUMBER_BINARY_OPERATORS =
NUMBER_BINARY_OPERATORS;
const BINARY_OPERATORS = ["+",
...NUMBER_BINARY_OPERATORS,
...BOOLEAN_BINARY_OPERATORS];
exports.BINARY_OPERATORS = BINARY_OPERATORS;
const
ASSIGNMENT_OPERATORS = ["=", "+=", ...NUMBER_BINARY_OPERATORS.map(op => op + "="),
...LOGICAL_OPERATORS.map(op => op + "=")];
exports.ASSIGNMENT_OPERATORS =
ASSIGNMENT_OPERATORS;
const BOOLEAN_UNARY_OPERATORS = ["delete",
"!"];
exports.BOOLEAN_UNARY_OPERATORS = BOOLEAN_UNARY_OPERATORS;
const
NUMBER_UNARY_OPERATORS = ["+", "-", "~"];
exports.NUMBER_UNARY_OPERATORS =
NUMBER_UNARY_OPERATORS;
const STRING_UNARY_OPERATORS =
["typeof"];
exports.STRING_UNARY_OPERATORS = STRING_UNARY_OPERATORS;
const
UNARY_OPERATORS = ["void", "throw", ...BOOLEAN_UNARY_OPERATORS,
...NUMBER_UNARY_OPERATORS, ...STRING_UNARY_OPERATORS];
exports.UNARY_OPERATORS =
UNARY_OPERATORS;
const INHERIT_KEYS = {
  optional: ["typeAnnotation", "typeParameters",
"returnType"],
  force: ["start", "loc", "end"]
};
exports.INHERIT_KEYS = INHERIT_KEYS;
const
BLOCK_SCOPED_SYMBOL = Symbol.for("var used to be block
scoped");
exports.BLOCK_SCOPED_SYMBOL = BLOCK_SCOPED_SYMBOL;
const
NOT_LOCAL_BINDING = Symbol.for("should not be considered a local
binding");
exports.NOT_LOCAL_BINDING = NOT_LOCAL_BINDING;
"use
strict";
Object.defineProperty(exports, "__esModule", {
  value: true
});
exports.default =
cloneNode;
var _definitions = require("../definitions");
const has =
Function.call.bind(Object.prototype.hasOwnProperty);
function cloneIfNode(obj, deep, withoutLoc) {
  if (obj
&& typeof obj.type === "string") {
    return cloneNode(obj, deep, withoutLoc);
  }
  return
obj;
}
function cloneIfNodeOrArray(obj, deep, withoutLoc) {
  if (Array.isArray(obj)) {
    return
obj.map(node => cloneIfNode(node, deep, withoutLoc));
  }
  return cloneIfNode(obj, deep,
withoutLoc);
}
function cloneNode(node, deep = true, withoutLoc = false) {
  if (!node) return node;
  const
{
    type
  } = node;
  const newNode = {
    type
  };
  if (type === "Identifier") {
    newNode.name =
node.name;
    if (has(node, "optional") && typeof node.optional === "boolean") {
      newNode.optional =
node.optional;
    }
    if (has(node, "typeAnnotation")) {
      newNode.typeAnnotation = deep ?
cloneIfNodeOrArray(node.typeAnnotation, true, withoutLoc) : node.typeAnnotation;
    }
  } else if
(!has(_definitions.NODE_FIELDS, type)) {
    throw new Error("Unknown node type: " + type);
  } else {
    for (const field of Object.keys(_definitions.NODE_FIELDS[type])) {
      if (has(node, field)) {
        if (deep) {
          newNode[field] = type === "File" && field === "comments" ? maybeCloneComments(node.comments,
deep, withoutLoc) : cloneIfNodeOrArray(node[field], true, withoutLoc);
        } else {
          newNode[field] =
node[field];
        }
      }
    }
    if (has(node, "loc")) {
      if (withoutLoc) {
        newNode.loc = null;
      }
    }
  }
}

```

```

} else {\n  newNode.loc = node.loc;\n }\n }\n\n if (has(node, \"leadingComments\")) {\n
newNode.leadingComments = maybeCloneComments(node.leadingComments, deep, withoutLoc);\n }\n\n if
(has(node, \"innerComments\")) {\n  newNode.innerComments = maybeCloneComments(node.innerComments,
deep, withoutLoc);\n }\n\n if (has(node, \"trailingComments\")) {\n  newNode.trailingComments =
maybeCloneComments(node.trailingComments, deep, withoutLoc);\n }\n\n if (has(node, \"extra\")) {\n
newNode.extra = Object.assign({}, node.extra);\n }\n\n return newNode;\n}\n\nfunction
cloneCommentsWithoutLoc(comments) {\n return comments.map(({\n type,\n value\n }) => ({\n type,\n
value,\n loc: null\n }));\n}\n\nfunction maybeCloneComments(comments, deep, withoutLoc) {\n return deep &&
withoutLoc ? cloneCommentsWithoutLoc(comments) : comments;\n}","\"use
strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\n\nexports.NOT_LOCAL_BINDING
= exports.BLOCK_SCOPED_SYMBOL = exports.INHERIT_KEYS = exports.UNARY_OPERATORS =
exports.STRING_UNARY_OPERATORS = exports.NUMBER_UNARY_OPERATORS =
exports.BOOLEAN_UNARY_OPERATORS = exports.ASSIGNMENT_OPERATORS =
exports.BINARY_OPERATORS = exports.NUMBER_BINARY_OPERATORS =
exports.BOOLEAN_BINARY_OPERATORS = exports.COMPARISON_BINARY_OPERATORS =
exports.EQUALITY_BINARY_OPERATORS = exports.BOOLEAN_NUMBER_BINARY_OPERATORS =
exports.UPDATE_OPERATORS = exports.LOGICAL_OPERATORS = exports.COMMENT_KEYS =
exports.FOR_INIT_KEYS = exports.FLATTENABLE_KEYS = exports.STATEMENT_OR_BLOCK_KEYS =
void 0;\n\nconst STATEMENT_OR_BLOCK_KEYS = [\"consequent\", \"body\",
\"alternate\"];\n\nexports.STATEMENT_OR_BLOCK_KEYS = STATEMENT_OR_BLOCK_KEYS;\n\nconst
FLATTENABLE_KEYS = [\"body\", \"expressions\"];\n\nexports.FLATTENABLE_KEYS =
FLATTENABLE_KEYS;\n\nconst FOR_INIT_KEYS = [\"left\", \"init\"];\n\nexports.FOR_INIT_KEYS =
FOR_INIT_KEYS;\n\nconst COMMENT_KEYS = [\"leadingComments\", \"trailingComments\",
\"innerComments\"];\n\nexports.COMMENT_KEYS = COMMENT_KEYS;\n\nconst LOGICAL_OPERATORS =
[\"||\", \"&&\", \"??\"];\n\nexports.LOGICAL_OPERATORS = LOGICAL_OPERATORS;\n\nconst
UPDATE_OPERATORS = [\"++\", \"--\"];\n\nexports.UPDATE_OPERATORS = UPDATE_OPERATORS;\n\nconst
BOOLEAN_NUMBER_BINARY_OPERATORS = [\">\", \"<\", \">=\",
\"<=\"];\n\nexports.BOOLEAN_NUMBER_BINARY_OPERATORS =
BOOLEAN_NUMBER_BINARY_OPERATORS;\n\nconst EQUALITY_BINARY_OPERATORS = [\"===\",
\"!==\", \"!=\"];\n\nexports.EQUALITY_BINARY_OPERATORS =
EQUALITY_BINARY_OPERATORS;\n\nconst COMPARISON_BINARY_OPERATORS =
[...EQUALITY_BINARY_OPERATORS, \"in\",
\"instanceof\"];\n\nexports.COMPARISON_BINARY_OPERATORS =
COMPARISON_BINARY_OPERATORS;\n\nconst BOOLEAN_BINARY_OPERATORS =
[...COMPARISON_BINARY_OPERATORS,
...BOOLEAN_NUMBER_BINARY_OPERATORS];\n\nexports.BOOLEAN_BINARY_OPERATORS =
BOOLEAN_BINARY_OPERATORS;\n\nconst NUMBER_BINARY_OPERATORS = [\"-\", \"^\", \"%\", \"*\",
\"**\", \"&\", \"|\", \">>>\", \">>>>\", \"<<\", \"^\"];\n\nexports.NUMBER_BINARY_OPERATORS =
NUMBER_BINARY_OPERATORS;\n\nconst BINARY_OPERATORS = [\"+\",
...NUMBER_BINARY_OPERATORS,
...BOOLEAN_BINARY_OPERATORS];\n\nexports.BINARY_OPERATORS = BINARY_OPERATORS;\n\nconst
ASSIGNMENT_OPERATORS = [\"=\", \"+=\", ...NUMBER_BINARY_OPERATORS.map(op => op + \"=\")],
...LOGICAL_OPERATORS.map(op => op + \"=\")];\n\nexports.ASSIGNMENT_OPERATORS =
ASSIGNMENT_OPERATORS;\n\nconst BOOLEAN_UNARY_OPERATORS = [\"delete\",
\"!\"];\n\nexports.BOOLEAN_UNARY_OPERATORS = BOOLEAN_UNARY_OPERATORS;\n\nconst
NUMBER_UNARY_OPERATORS = [\"+\", \"-\", \"~\"];\n\nexports.NUMBER_UNARY_OPERATORS =
NUMBER_UNARY_OPERATORS;\n\nconst STRING_UNARY_OPERATORS =
[\"typeof\"];\n\nexports.STRING_UNARY_OPERATORS = STRING_UNARY_OPERATORS;\n\nconst

```



```

UNARY_OPERATORS = [\"void\", \"throw\", ...BOOLEAN_UNARY_OPERATORS,
...NUMBER_UNARY_OPERATORS, ...STRING_UNARY_OPERATORS];\nexports.UNARY_OPERATORS =
UNARY_OPERATORS;\nconst INHERIT_KEYS = {\n  optional: [\"typeAnnotation\", \"typeParameters\",
\"returnType\"],\n  force: [\"start\", \"loc\", \"end\"]\n};\nexports.INHERIT_KEYS = INHERIT_KEYS;\nconst
BLOCK_SCOPED_SYMBOL = Symbol.for(\"var used to be block
scoped\");\nexports.BLOCK_SCOPED_SYMBOL = BLOCK_SCOPED_SYMBOL;\nconst
NOT_LOCAL_BINDING = Symbol.for(\"should not be considered a local
binding\");\nexports.NOT_LOCAL_BINDING = NOT_LOCAL_BINDING;\"use
strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\nexports.default =
cloneNode;\n\nvar _definitions = require(\"../definitions\");\n\nvar _generated =
require(\"../validators/generated\");\n\nconst has =
Function.call.bind(Object.prototype.hasOwnProperty);\n\nfunction cloneIfNode(obj, deep, withoutLoc) {\n  if (obj
&& typeof obj.type === \"string\") {\n    return cloneNode(obj, deep, withoutLoc);\n  }\n  return
obj;\n}\n\nfunction cloneIfNodeOrArray(obj, deep, withoutLoc) {\n  if (Array.isArray(obj)) {\n    return
obj.map(node => cloneIfNode(node, deep, withoutLoc));\n  }\n  return cloneIfNode(obj, deep,
withoutLoc);\n}\n\nfunction cloneNode(node, deep = true, withoutLoc = false) {\n  if (!node) return node;\n  const
{\n    type\n  } = node;\n  const newNode = {\n    type: node.type\n  };\n  if ((0, _generated.isIdentifier)(node)) {\n
  newNode.name = node.name;\n  if (has(node, \"optional\") && typeof node.optional === \"boolean\") {\n
  newNode.optional = node.optional;\n  }\n  if (has(node, \"typeAnnotation\")) {\n    newNode.typeAnnotation =
deep ? cloneIfNodeOrArray(node.typeAnnotation, true, withoutLoc) : node.typeAnnotation;\n  }\n  } else if
(!has(_definitions.NODE_FIELDS, type)) {\n    throw new Error(\"Unknown node type: \" + type);\n  } else {\n
  for (const field of Object.keys(_definitions.NODE_FIELDS[type])) {\n    if (has(node, field)) {\n      if (deep) {\n
        newNode[field] = (0, _generated.isFile)(node) && field === \"comments\" ?
        maybeCloneComments(node.comments, deep, withoutLoc) : cloneIfNodeOrArray(node[field], true, withoutLoc);\n
      } else {\n        newNode[field] = node[field];\n      }\n    }\n  }\n  if (has(node, \"loc\")) {\n    if
(withoutLoc) {\n      newNode.loc = null;\n    } else {\n      newNode.loc = node.loc;\n    }\n  }\n  if (has(node,
\"leadingComments\")) {\n    newNode.leadingComments = maybeCloneComments(node.leadingComments, deep,
withoutLoc);\n  }\n  if (has(node, \"innerComments\")) {\n    newNode.innerComments =
maybeCloneComments(node.innerComments, deep, withoutLoc);\n  }\n  if (has(node, \"trailingComments\")) {\n
  newNode.trailingComments = maybeCloneComments(node.trailingComments, deep, withoutLoc);\n  }\n  if
(has(node, \"extra\")) {\n    newNode.extra = Object.assign({}, node.extra);\n  }\n  return
newNode;\n}\n\nfunction maybeCloneComments(comments, deep, withoutLoc) {\n  if (!comments || !deep) {\n
  return comments;\n  }\n  return comments.map(({\n    type,\n    value,\n    loc\n  }) => {\n    if (withoutLoc) {\n
  return {\n    type,\n    value,\n    loc: null\n  };\n    }\n    return {\n    type,\n    value,\n    loc\n  };\n
  });\n}\n\n\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\nexports.default =
traverse;\n\nObject.defineProperty(exports, \"NodePath\", {\n  enumerable: true,\n  get: function () {\n    return
_path.default;\n  }\n});\n\nObject.defineProperty(exports, \"Scope\", {\n  enumerable: true,\n  get: function () {\n
  return _scope.default;\n  }\n});\n\nObject.defineProperty(exports, \"Hub\", {\n  enumerable: true,\n  get: function ()
{\n    return _hub.default;\n  }\n});\n\nexports.visitors = void 0;\n\nvar _context =
_interopRequireDefault(require(\"../context\"));\n\nvar visitors =
_interopRequireWildcard(require(\"../visitors\"));\n\nexports.visitors = visitors;\n\nvar t =
_interopRequireWildcard(require(\"@babel/types\"));\n\nvar cache =
_interopRequireWildcard(require(\"../cache\"));\n\nvar _path = _interopRequireDefault(require(\"../path\"));\n\nvar
_scope = _interopRequireDefault(require(\"../scope\"));\n\nvar _hub =
_interopRequireDefault(require(\"../hub\"));\n\nfunction _getRequireWildcardCache() { if (typeof WeakMap !==
\"function\") return null; var cache = new WeakMap(); _getRequireWildcardCache = function () { return cache; };
return cache; }\n\nfunction _interopRequireWildcard(obj) { if (obj && obj.__esModule) { return obj; } if (obj ===
null || typeof obj !== \"object\" && typeof obj !== \"function\") { return { default: obj }; } var cache =

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_getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var
hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }\n\nfunction _interopRequireDefault(obj) { return obj &&
obj.__esModule ? obj : { default: obj }; }\n\nfunction traverse(parent, opts, scope, state, parentPath) {\n if (!parent)
return;\n if (!opts) opts = {};\n\n if (!opts.noScope && !scope) {\n if (parent.type !== "Program" &&
parent.type !== "File") {\n throw new Error("You must pass a scope and parentPath unless traversing a
Program/File. " + `Instead of that you tried to traverse a ${parent.type} node without ` + "passing scope and
parentPath.");\n }\n }\n\n if (!t.VISITOR_KEYS[parent.type]) {\n return;\n }\n\n visitors.explode(opts);\n
traverse.node(parent, opts, scope, state, parentPath);\n}\n\ntraverse.visitors = visitors;\ntraverse.verify =
visitors.verify;\ntraverse.explode = visitors.explode;\ntraverse.cheap = function (node, enter) {\n return
t.traverseFast(node, enter);\n};\n\ntraverse.node = function (node, opts, scope, state, parentPath, skipKeys) {\n
const keys = t.VISITOR_KEYS[node.type];\n if (!keys) return;\n const context = new _context.default(scope, opts,
state, parentPath);\n for (const key of keys) {\n if (skipKeys && skipKeys[key]) continue;\n if
(context.visit(node, key)) return;\n }\n}\n\ntraverse.clearNode = function (node, opts) {\n
t.removeProperties(node, opts);\n cache.path.delete(node);\n};\n\ntraverse.removeProperties = function (tree, opts)
{\n t.traverseFast(tree, traverse.clearNode, opts);\n return tree;\n};\n\nfunction hasDenylistType(path, state) {\n
if (path.node.type === state.type) {\n state.has = true;\n path.stop();\n }\n}\n\ntraverse.hasType = function (tree,
type, denylistTypes) {\n if (denylistTypes == null ? void 0 : denylistTypes.includes(tree.type)) return false;\n if
(tree.type === type) return true;\n const state = {\n has: false,\n type: type\n }; \n traverse(tree, {\n noScope:
true,\n denylist: denylistTypes,\n enter: hasDenylistType\n }, null, state);\n return
state.has;\n};\n\ntraverse.cache = cache;","var Symbol = require('./_Symbol'),\n getRawTag =
require('./_getRawTag'),\n objectToString = require('./_objectToString');\n\n/** `Object#toString` result
references. */\nvar nullTag = '[object Null]',\n undefinedTag = '[object Undefined]';\n\n/** Built-in value
references. */\nvar symToStringTag = Symbol ? Symbol.toStringTag : undefined;\n\n/** The base
implementation of `getTag` without fallbacks for buggy environments. */\n\n * @private\n * @param {*} value The
value to query.\n * @returns {string} Returns the `toStringTag`.\n\n */\nfunction baseGetTag(value) {\n if (value ==
null) {\n return value === undefined ? undefinedTag : nullTag;\n }\n return (symToStringTag &&
symToStringTag in Object(value))\n ? getRawTag(value)\n : objectToString(value);\n}\n\nmodule.exports =
baseGetTag;\n","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value:
true\n});\n\nObject.defineProperty(exports, "isIdentifierName", {\n enumerable: true,\n get: function () {\n return
_identifier.isIdentifierName;\n }\n});\n\nObject.defineProperty(exports, "isIdentifierChar", {\n enumerable: true,\n
get: function () {\n return _identifier.isIdentifierChar;\n }\n});\n\nObject.defineProperty(exports,
"isIdentifierStart", {\n enumerable: true,\n get: function () {\n return _identifier.isIdentifierStart;\n
}\n});\n\nObject.defineProperty(exports, "isReservedWord", {\n enumerable: true,\n get: function () {\n return
_keyword.isReservedWord;\n }\n});\n\nObject.defineProperty(exports, "isStrictBindOnlyReservedWord", {\n
enumerable: true,\n get: function () {\n return _keyword.isStrictBindOnlyReservedWord;\n
}\n});\n\nObject.defineProperty(exports, "isStrictBindReservedWord", {\n enumerable: true,\n get: function () {\n
return _keyword.isStrictBindReservedWord;\n }\n});\n\nObject.defineProperty(exports, "isStrictReservedWord",
{\n enumerable: true,\n get: function () {\n return _keyword.isStrictReservedWord;\n
}\n});\n\nObject.defineProperty(exports, "isKeyword", {\n enumerable: true,\n get: function () {\n return
_keyword.isKeyword;\n }\n});\n\nvar _identifier = require("./_identifier");\n\nvar _keyword =
require("./_keyword");","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nvar
_exportNames = {\n react: true,\n assertNode: true,\n createTypeAnnotationBasedOnTypeof: true,\n
createUnionTypeAnnotation: true,\n createFlowUnionType: true,\n createTSUnionType: true,\n cloneNode:
true,\n clone: true,\n cloneDeep: true,\n cloneDeepWithoutLoc: true,\n cloneWithoutLoc: true,\n addComment:

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true,\n addComments: true,\n inheritInnerComments: true,\n inheritLeadingComments: true,\n inheritsComments:
true,\n inheritTrailingComments: true,\n removeComments: true,\n ensureBlock: true,\n
toBindingIdentifierName: true,\n toBlock: true,\n toComputedKey: true,\n toExpression: true,\n toIdentifier:
true,\n toKeyAlias: true,\n toSequenceExpression: true,\n toStatement: true,\n valueToNode: true,\n
appendToMemberExpression: true,\n inherits: true,\n prependToMemberExpression: true,\n removeProperties:
true,\n removePropertiesDeep: true,\n removeTypeDuplicates: true,\n getBindingIdentifiers: true,\n
getOuterBindingIdentifiers: true,\n traverse: true,\n traverseFast: true,\n shallowEqual: true,\n is: true,\n
isBinding: true,\n isBlockScoped: true,\n isImmutable: true,\n isLet: true,\n isNode: true,\n isNodesEquivalent:
true,\n isPlaceholderType: true,\n isReferenced: true,\n isScope: true,\n isSpecifierDefault: true,\n isType: true,\n
isValidES3Identifier: true,\n isValidIdentifier: true,\n isVar: true,\n matchesPattern: true,\n validate: true,\n
buildMatchMemberExpression: true\n});\nObject.defineProperty(exports, \"assertNode\", {\n enumerable: true,\n
get: function () {\n return _assertNode.default;\n }});\nObject.defineProperty(exports,
\"createTypeAnnotationBasedOnTypeof\", {\n enumerable: true,\n get: function () {\n return
_createTypeAnnotationBasedOnTypeof.default;\n }});\nObject.defineProperty(exports,
\"createUnionTypeAnnotation\", {\n enumerable: true,\n get: function () {\n return
_createFlowUnionType.default;\n }});\nObject.defineProperty(exports, \"createFlowUnionType\", {\n
enumerable: true,\n get: function () {\n return _createFlowUnionType.default;\n
}});\nObject.defineProperty(exports, \"createTSUnionType\", {\n enumerable: true,\n get: function () {\n return
_createTSUnionType.default;\n }});\nObject.defineProperty(exports, \"cloneNode\", {\n enumerable: true,\n get:
function () {\n return _cloneNode.default;\n }});\nObject.defineProperty(exports, \"clone\", {\n enumerable:
true,\n get: function () {\n return _clone.default;\n }});\nObject.defineProperty(exports, \"cloneDeep\", {\n
enumerable: true,\n get: function () {\n return _cloneDeep.default;\n }});\nObject.defineProperty(exports,
\"cloneDeepWithoutLoc\", {\n enumerable: true,\n get: function () {\n return _cloneDeepWithoutLoc.default;\n
}});\nObject.defineProperty(exports, \"cloneWithoutLoc\", {\n enumerable: true,\n get: function () {\n return
_cloneWithoutLoc.default;\n }});\nObject.defineProperty(exports, \"addComment\", {\n enumerable: true,\n get:
function () {\n return _addComment.default;\n }});\nObject.defineProperty(exports, \"addComments\", {\n
enumerable: true,\n get: function () {\n return _addComments.default;\n }});\nObject.defineProperty(exports,
\"inheritInnerComments\", {\n enumerable: true,\n get: function () {\n return _inheritInnerComments.default;\n
}});\nObject.defineProperty(exports, \"inheritLeadingComments\", {\n enumerable: true,\n get: function () {\n
return _inheritLeadingComments.default;\n }});\nObject.defineProperty(exports, \"inheritsComments\", {\n
enumerable: true,\n get: function () {\n return _inheritsComments.default;\n
}});\nObject.defineProperty(exports, \"inheritTrailingComments\", {\n enumerable: true,\n get: function () {\n
return _inheritTrailingComments.default;\n }});\nObject.defineProperty(exports, \"removeComments\", {\n
enumerable: true,\n get: function () {\n return _removeComments.default;\n
}});\nObject.defineProperty(exports, \"ensureBlock\", {\n enumerable: true,\n get: function () {\n return
_ensureBlock.default;\n }});\nObject.defineProperty(exports, \"toBindingIdentifierName\", {\n enumerable:
true,\n get: function () {\n return _toBindingIdentifierName.default;\n }});\nObject.defineProperty(exports,
\"toBlock\", {\n enumerable: true,\n get: function () {\n return _toBlock.default;\n
}});\nObject.defineProperty(exports, \"toComputedKey\", {\n enumerable: true,\n get: function () {\n return
_toComputedKey.default;\n }});\nObject.defineProperty(exports, \"toExpression\", {\n enumerable: true,\n get:
function () {\n return _toExpression.default;\n }});\nObject.defineProperty(exports, \"toIdentifier\", {\n
enumerable: true,\n get: function () {\n return _toIdentifier.default;\n }});\nObject.defineProperty(exports,
\"toKeyAlias\", {\n enumerable: true,\n get: function () {\n return _toKeyAlias.default;\n
}});\nObject.defineProperty(exports, \"toSequenceExpression\", {\n enumerable: true,\n get: function () {\n
return _toSequenceExpression.default;\n }});\nObject.defineProperty(exports, \"toStatement\", {\n enumerable:
true,\n get: function () {\n return _toStatement.default;\n }});\nObject.defineProperty(exports,
\"valueToNode\", {\n enumerable: true,\n get: function () {\n return _valueToNode.default;\n
}});\nObject.defineProperty(exports, \"appendToMemberExpression\", {\n enumerable: true,\n get: function ()

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{\n  return _appendToMemberExpression.default;\n }));\nObject.defineProperty(exports, \"inherits\", {\n
enumerable: true,\n get: function () {\n  return _inherits.default;\n }});\nObject.defineProperty(exports,
\"prependToMemberExpression\", {\n enumerable: true,\n get: function () {\n  return
_prependToMemberExpression.default;\n }});\nObject.defineProperty(exports, \"removeProperties\", {\n
enumerable: true,\n get: function () {\n  return _removeProperties.default;\n
}}});\nObject.defineProperty(exports, \"removePropertiesDeep\", {\n enumerable: true,\n get: function () {\n
return _removePropertiesDeep.default;\n }});\nObject.defineProperty(exports, \"removeTypeDuplicates\", {\n
enumerable: true,\n get: function () {\n  return _removeTypeDuplicates.default;\n
}}});\nObject.defineProperty(exports, \"getBindingIdentifiers\", {\n enumerable: true,\n get: function () {\n
return _getBindingIdentifiers.default;\n }});\nObject.defineProperty(exports, \"getOuterBindingIdentifiers\", {\n
enumerable: true,\n get: function () {\n  return _getOuterBindingIdentifiers.default;\n
}}});\nObject.defineProperty(exports, \"traverse\", {\n enumerable: true,\n get: function () {\n  return
_traverse.default;\n }});\nObject.defineProperty(exports, \"traverseFast\", {\n enumerable: true,\n get: function ()
{\n  return _traverseFast.default;\n }});\nObject.defineProperty(exports, \"shallowEqual\", {\n enumerable:
true,\n get: function () {\n  return _shallowEqual.default;\n }});\nObject.defineProperty(exports, \"is\", {\n
enumerable: true,\n get: function () {\n  return _is.default;\n }});\nObject.defineProperty(exports, \"isBinding\",
{\n enumerable: true,\n get: function () {\n  return _isBinding.default;\n }});\nObject.defineProperty(exports,
\"isBlockScoped\", {\n enumerable: true,\n get: function () {\n  return _isBlockScoped.default;\n
}}});\nObject.defineProperty(exports, \"isImmutable\", {\n enumerable: true,\n get: function () {\n  return
_isImmutable.default;\n }});\nObject.defineProperty(exports, \"isLet\", {\n enumerable: true,\n get: function ()
{\n  return _isLet.default;\n }});\nObject.defineProperty(exports, \"isNode\", {\n enumerable: true,\n get:
function () {\n  return _isNode.default;\n }});\nObject.defineProperty(exports, \"isNodesEquivalent\", {\n
enumerable: true,\n get: function () {\n  return _isNodesEquivalent.default;\n
}}});\nObject.defineProperty(exports, \"isPlaceholderType\", {\n enumerable: true,\n get: function () {\n  return
_isPlaceholderType.default;\n }});\nObject.defineProperty(exports, \"isReferenced\", {\n enumerable: true,\n
get: function () {\n  return _isReferenced.default;\n }});\nObject.defineProperty(exports, \"isScope\", {\n
enumerable: true,\n get: function () {\n  return _isScope.default;\n }});\nObject.defineProperty(exports,
\"isSpecifierDefault\", {\n enumerable: true,\n get: function () {\n  return _isSpecifierDefault.default;\n
}}});\nObject.defineProperty(exports, \"isType\", {\n enumerable: true,\n get: function () {\n  return
_isType.default;\n }});\nObject.defineProperty(exports, \"isValidES3Identifier\", {\n enumerable: true,\n get:
function () {\n  return _isValidES3Identifier.default;\n }});\nObject.defineProperty(exports, \"isValidIdentifier\",
{\n enumerable: true,\n get: function () {\n  return _isValidIdentifier.default;\n
}}});\nObject.defineProperty(exports, \"isVar\", {\n enumerable: true,\n get: function () {\n  return
_isVar.default;\n }});\nObject.defineProperty(exports, \"matchesPattern\", {\n enumerable: true,\n get: function
() {\n  return _matchesPattern.default;\n }});\nObject.defineProperty(exports, \"validate\", {\n enumerable:
true,\n get: function () {\n  return _validate.default;\n }});\nObject.defineProperty(exports,
\"buildMatchMemberExpression\", {\n enumerable: true,\n get: function () {\n  return
_buildMatchMemberExpression.default;\n }});\nexports.react = void 0;\n\nvar _isReactComponent =
require(\"./validators/react/isReactComponent\");\n\nvar _isCompatTag =
require(\"./validators/react/isCompatTag\");\n\nvar _buildChildren =
require(\"./builders/react/buildChildren\");\n\nvar _assertNode = require(\"./asserts/assertNode\");\n\nvar _generated
= require(\"./asserts/generated\");\n\nObject.keys(_generated).forEach(function (key) {\n  if (key === \"default\" ||
key === \"__esModule\") return;\n  if (Object.prototype.hasOwnProperty.call(_exportNames, key)) return;\n  if (key
in exports && exports[key] === _generated[key]) return;\n  Object.defineProperty(exports, key, {\n  enumerable:
true,\n  get: function () {\n    return _generated[key];\n  } });\n});\n\nvar
_createTypeAnnotationBasedOnTypeof = require(\"./builders/flow/createTypeAnnotationBasedOnTypeof\");\n\nvar
_createFlowUnionType = require(\"./builders/flow/createFlowUnionType\");\n\nvar _createTSUnionType =
require(\"./builders/typescript/createTSUnionType\");\n\nvar _generated2 =

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require("./builders/generated");\n\nObject.keys(_generated2).forEach(function (key) {\n  if (key === \"default\" ||\n  key === \"__esModule\") return;\n  if (Object.prototype.hasOwnProperty.call(_exportNames, key)) return;\n  if (key\n  in exports && exports[key] === _generated2[key]) return;\n  Object.defineProperty(exports, key, {\n    enumerable:\n    true,\n    get: function () {\n      return _generated2[key];\n    }\n  });\n});\n\nvar _uppercase =\nrequire("./builders/generated/uppercase");\n\nObject.keys(_uppercase).forEach(function (key) {\n  if (key ===\n  \"default\" || key === \"__esModule\") return;\n  if (Object.prototype.hasOwnProperty.call(_exportNames, key))\n  return;\n  if (key in exports && exports[key] === _uppercase[key]) return;\n  Object.defineProperty(exports, key,\n  {\n    enumerable: true,\n    get: function () {\n      return _uppercase[key];\n    }\n  });\n});\n\nvar _cloneNode =\nrequire(\"./clone/cloneNode\");\n\nvar _clone = require(\"./clone/clone\");\n\nvar _cloneDeep =\nrequire(\"./clone/cloneDeep\");\n\nvar _cloneDeepWithoutLoc = require(\"./clone/cloneDeepWithoutLoc\");\n\nvar\n_cloneWithoutLoc = require(\"./clone/cloneWithoutLoc\");\n\nvar _addComment =\nrequire(\"./comments/addComment\");\n\nvar _addComments = require(\"./comments/addComments\");\n\nvar\n_inheritInnerComments = require(\"./comments/inheritInnerComments\");\n\nvar _inheritLeadingComments =\nrequire(\"./comments/inheritLeadingComments\");\n\nvar _inheritsComments =\nrequire(\"./comments/inheritsComments\");\n\nvar _inheritTrailingComments =\nrequire(\"./comments/inheritTrailingComments\");\n\nvar _removeComments =\nrequire(\"./comments/removeComments\");\n\nvar _generated3 =\nrequire(\"./constants/generated\");\n\nObject.keys(_generated3).forEach(function (key) {\n  if (key === \"default\" ||\n  key === \"__esModule\") return;\n  if (Object.prototype.hasOwnProperty.call(_exportNames, key)) return;\n  if (key\n  in exports && exports[key] === _generated3[key]) return;\n  Object.defineProperty(exports, key, {\n    enumerable:\n    true,\n    get: function () {\n      return _generated3[key];\n    }\n  });\n});\n\nvar _constants =\nrequire(\"./constants\");\n\nObject.keys(_constants).forEach(function (key) {\n  if (key === \"default\" || key ===\n  \"__esModule\") return;\n  if (Object.prototype.hasOwnProperty.call(_exportNames, key)) return;\n  if (key in\n  exports && exports[key] === _constants[key]) return;\n  Object.defineProperty(exports, key, {\n    enumerable:\n    true,\n    get: function () {\n      return _constants[key];\n    }\n  });\n});\n\nvar _ensureBlock =\nrequire(\"./converters/ensureBlock\");\n\nvar _toBindingIdentifierName =\nrequire(\"./converters/toBindingIdentifierName\");\n\nvar _toBlock = require(\"./converters/toBlock\");\n\nvar\n_toComputedKey = require(\"./converters/toComputedKey\");\n\nvar _toExpression =\nrequire(\"./converters/toExpression\");\n\nvar _toIdentifier = require(\"./converters/toIdentifier\");\n\nvar\n_toKeyAlias = require(\"./converters/toKeyAlias\");\n\nvar _toSequenceExpression =\nrequire(\"./converters/toSequenceExpression\");\n\nvar _toStatement = require(\"./converters/toStatement\");\n\nvar\n_valueToNode = require(\"./converters/valueToNode\");\n\nvar _definitions =\nrequire(\"./definitions\");\n\nObject.keys(_definitions).forEach(function (key) {\n  if (key === \"default\" || key ===\n  \"__esModule\") return;\n  if (Object.prototype.hasOwnProperty.call(_exportNames, key)) return;\n  if (key in\n  exports && exports[key] === _definitions[key]) return;\n  Object.defineProperty(exports, key, {\n    enumerable:\n    true,\n    get: function () {\n      return _definitions[key];\n    }\n  });\n});\n\nvar _appendToMemberExpression =\nrequire(\"./modifications/appendToMemberExpression\");\n\nvar _inherits =\nrequire(\"./modifications/inherits\");\n\nvar _prependToMemberExpression =\nrequire(\"./modifications/prependToMemberExpression\");\n\nvar _removeProperties =\nrequire(\"./modifications/removeProperties\");\n\nvar _removePropertiesDeep =\nrequire(\"./modifications/removePropertiesDeep\");\n\nvar _removeTypeDuplicates =\nrequire(\"./modifications/flow/removeTypeDuplicates\");\n\nvar _getBindingIdentifiers =\nrequire(\"./retrievers/getBindingIdentifiers\");\n\nvar _getOuterBindingIdentifiers =\nrequire(\"./retrievers/getOuterBindingIdentifiers\");\n\nvar _traverse =\nrequire(\"./traverse/traverse\");\n\nObject.keys(_traverse).forEach(function (key) {\n  if (key === \"default\" || key\n  === \"__esModule\") return;\n  if (Object.prototype.hasOwnProperty.call(_exportNames, key)) return;\n  if (key in\n  exports && exports[key] === _traverse[key]) return;\n  Object.defineProperty(exports, key, {\n    enumerable:\n    true,\n    get: function () {\n      return _traverse[key];\n    }\n  });\n});\n\nvar _traverseFast =

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require("./traverse/traverseFast");
var _shallowEqual = require("./utils/shallowEqual");
var _is = require("./validators/is");
var _isBinding = require("./validators/isBinding");
var _isBlockScoped = require("./validators/isBlockScoped");
var _isImmutable = require("./validators/isImmutable");
var _isLet = require("./validators/isLet");
var _isNode = require("./validators/isNode");
var _isNodesEquivalent = require("./validators/isNodesEquivalent");
var _isPlaceholderType = require("./validators/isPlaceholderType");
var _isReferenced = require("./validators/isReferenced");
var _isScope = require("./validators/isScope");
var _isSpecifierDefault = require("./validators/isSpecifierDefault");
var _isType = require("./validators/isType");
var _isValidES3Identifier = require("./validators/isValidES3Identifier");
var _isValidIdentifier = require("./validators/isValidIdentifier");
var _isVar = require("./validators/isVar");
var _matchesPattern = require("./validators/matchesPattern");
var _validate = require("./validators/validate");
var _buildMatchMemberExpression = require("./validators/buildMatchMemberExpression");
var _generated4 = require("./validators/generated");
Object.keys(_generated4).forEach(function (key) {
  if (key === "default" || key === "__esModule") return;
  if (Object.prototype.hasOwnProperty.call(_exportNames, key)) return;
  if (key in exports && exports[key] === _generated4[key]) return;
  Object.defineProperty(exports, key, {
    enumerable: true,
    get: function () {
      return _generated4[key];
    }
  });
});
var _generated5 = require("./ast-types/generated");
Object.keys(_generated5).forEach(function (key) {
  if (key === "default" || key === "__esModule") return;
  if (Object.prototype.hasOwnProperty.call(_exportNames, key)) return;
  if (key in exports && exports[key] === _generated5[key]) return;
  Object.defineProperty(exports, key, {
    enumerable: true,
    get: function () {
      return _generated5[key];
    }
  });
});
const react = {
  isReactComponent: _isReactComponent.default,
  isCompatTag: _isCompatTag.default,
  buildChildren: _buildChildren.default
};
exports.react = react;
/* - Mode: js; js-indent-level: 2; *- */
 * Copyright 2011 Mozilla Foundation and contributors
 * Licensed under the New BSD license. See LICENSE or:
 * http://opensource.org/licenses/BSD-3-Clause
 * This is a helper function for getting values from
 * parameter/options
 * objects.
 * @param args The object we are extracting values from
 * @param name The name of the property we are getting.
 * @param defaultValue An optional value to return if the property is
 * missing
 * from the object. If this is not specified and the property is missing, an
 * error will be thrown.
 * function getArg(aArgs, aName, aDefaultValue) {
  if (aName in aArgs) {
    return aArgs[aName];
  } else if (arguments.length === 3) {
    return aDefaultValue;
  } else {
    throw new Error("'" + aName + "' is a required argument.");
  }
}
exports.getArg = getArg;
var urlRegexp = /^(?:(?:[a-z+]+:)?//)?(?:[^\s@/?:\w+~!@/\\\\?*'(){}[\]`|;="<\/script>
aUrl.match(urlRegexp);
if (!match) {
  return null;
}
return {
  scheme: match[1],
  auth: match[2],
  host: match[3],
  port: match[4],
  path: match[5]
};
}
exports.urlParse = urlParse;
function urlGenerate(aParsedUrl) {
  var url = "";
  if (aParsedUrl.scheme) {
    url += aParsedUrl.scheme + "://";
  }
  if (aParsedUrl.auth) {
    url += aParsedUrl.auth + "@";
  }
  if (aParsedUrl.host) {
    url += aParsedUrl.host;
  }
  if (aParsedUrl.port) {
    url += ":" + aParsedUrl.port;
  }
  if (aParsedUrl.path) {
    url += aParsedUrl.path;
  }
  return url;
}
exports.urlGenerate = urlGenerate;
var MAX_CACHED_INPUTS = 32;
 * Takes some function `f(input) -> result` and returns a memoized version of `f`.
 * We keep at most `MAX_CACHED_INPUTS` memoized results of `f` alive. The
 * memoization is a dumb-simple, linear least-recently-used cache.
 * function lruMemoize(f) {
  var cache = [];
  return function(input) {
    for (var i = 0; i < cache.length; i++) {
      if (cache[i].input === input) {
        var temp = cache[0];
        cache[0] = cache[i];
        cache[i] = temp;
        return cache[0].result;
      }
    }
    var result = f(input);
    cache.unshift({
      input,
      result,
    });
    if (cache.length > MAX_CACHED_INPUTS) {
      cache.pop();
    }
    return result;
  };
}
 * Normalizes a path, or the path portion of a URL.
 * - Replaces consecutive slashes with one slash.
 * - Removes unnecessary '.' parts.
 * - Removes unnecessary '<dir>./' parts.
 * Based on code in the Node.js 'path' core module.
 * @param aPath The path or url to normalize.
 * var normalize = lruMemoize(function normalize(aPath) {
  var path = aPath;
  var url = urlParse(aPath);
  if (url) {
    if (!url.path) {
      return aPath;
    }
    path = url.path;
  }
  var isAbsolute =

```

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exports.isAbsolute(path);\n // Split the path into parts between `^` characters. This is much faster than\n // using\n`.split(/\\/+/g)`.\n var parts = [];\n var start = 0;\n var i = 0;\n while (true) {\n start = i;\n i = path.indexOf("\\^",\n start);\n if (i === -1) {\n parts.push(path.slice(start));\n break;\n } else {\n parts.push(path.slice(start,\n i));\n while (i < path.length && path[i] === "\\^") {\n i++; }\n }\n }\n for (var part, up = 0, i =\n parts.length - 1; i >= 0; i--) {\n part = parts[i];\n if (part === '.') {\n parts.splice(i, 1);\n } else if (part ===\n '..') {\n up++;\n } else if (up > 0) {\n if (part === "") {\n // The first part is blank if the path is absolute.\n Trying to go\n // above the root is a no-op. Therefore we can remove all '.' parts\n // directly after the\n root.\n parts.splice(i + 1, up);\n up = 0;\n } else {\n parts.splice(i, 2);\n up--;\n }\n }\n }\n path = parts.join("/");\n\n if (path === "") {\n path = isAbsolute ? '' : '.';\n }\n\n if (url) {\n url.path = path;\n return urlGenerate(url);\n }\n return path;\n});\n\nexports.normalize = normalize;\n\n/**\n * Joins two paths/URLs.\n *\n * @param aRoot The root path or URL.\n * @param aPath The path or URL to be joined with the root.\n *\n * -\n * If aPath is a URL or a data URI, aPath is returned, unless aPath is a\n * scheme-relative URL: Then the scheme of\n * aRoot, if any, is prepended\n * first.\n * -\n * Otherwise aPath is a path. If aRoot is a URL, then its path portion\n * is\n * updated with the result and aRoot is returned. Otherwise the result\n * is\n * returned.\n * -\n * If aPath is absolute, the\n * result is aPath.\n * -\n * Otherwise the two paths are joined with a slash.\n * -\n * Joining for example 'http://' and\n * 'www.example.com' is also supported.\n *\n * ^\n * function join(aRoot, aPath) {\n if (aRoot === "") {\n aRoot =\n \".\";\n }\n if (aPath === "") {\n aPath = \".\";\n }\n var aPathUrl = urlParse(aPath);\n var aRootUrl =\n urlParse(aRoot);\n if (aRootUrl) {\n aRoot = aRootUrl.path || '';\n }\n\n // `join(foo, '//www.example.org')`\n if\n (aPathUrl && !aPathUrl.scheme) {\n if (aRootUrl) {\n aPathUrl.scheme = aRootUrl.scheme;\n }\n return\n urlGenerate(aPathUrl);\n }\n\n if (aPathUrl || aPath.match(dataUriRegexp)) {\n return aPath;\n }\n\n //\n `join('http://', 'www.example.com')`\n if (aRootUrl && !aRootUrl.host && !aRootUrl.path) {\n aRootUrl.host =\n aPath;\n return urlGenerate(aRootUrl);\n }\n\n var joined = aPath.charAt(0) === '/'\n ? aPath\n : \n normalize(aRoot.replace(/\\/+$/, "") + '/' + aPath);\n\n if (aRootUrl) {\n aRootUrl.path = joined;\n return\n urlGenerate(aRootUrl);\n }\n return joined;\n}\n\nexports.join = join;\n\nexports.isAbsolute = function (aPath) {\n return aPath.charAt(0) === '/' || urlRegexp.test(aPath);\n};\n\n/**\n * Make a path relative to a URL or another\n * path.\n *\n * @param aRoot The root path or URL.\n * @param aPath The path or URL to be made relative to\n * aRoot.\n *\n * ^\n * function relative(aRoot, aPath) {\n if (aRoot === "") {\n aRoot = \".\";\n }\n\n aRoot =\n aRoot.replace(/\\/$/, "");\n\n // It is possible for the path to be above the root. In this case, simply\n // checking\n // whether the root is a prefix of the path won't work. Instead, we\n // need to remove components from the root one\n // by one, until either we find\n // a prefix that fits, or we run out of components to remove.\n var level = 0;\n while\n (aPath.indexOf(aRoot + '/') !== 0) {\n var index = aRoot.lastIndexOf("\\^");\n if (index < 0) {\n return\n aPath;\n }\n\n // If the only part of the root that is left is the scheme (i.e. http://,\n // file://, etc.), one or more\n // slashes (/), or simply nothing at all, we\n // have exhausted all components, so the path is not relative to the root.\n aRoot = aRoot.slice(0, index);\n if (aRoot.match(/^(\\^\\+|\\:\\^\\+)$/) {\n return aPath;\n }\n\n ++level;\n }\n\n // Make sure we add a \"..\" for each component we removed from the root.\n return Array(level +\n 1).join(\"..\") + aPath.substr(aRoot.length + 1);\n}\n\nexports.relative = relative;\n\nvar supportsNullProto = (function\n () {\n var obj = Object.create(null);\n return !('__proto__' in obj);\n})();\n\nfunction identity (s) {\n return\n s;\n}\n\n/**\n * Because behavior goes wacky when you set `__proto__` on objects, we\n * have to prefix all the\n * strings in our set with an arbitrary character.\n *\n * See https://github.com/mozilla/source-map/pull/31 and\n * https://github.com/mozilla/source-map/issues/30\n *\n * @param String aStr\n *\n * ^\n * function toSetString(aStr) {\n if\n (isProtoString(aStr)) {\n return '$' + aStr;\n }\n\n return aStr;\n}\n\nexports.toSetString = supportsNullProto ?\n identity : toSetString;\n\nfunction fromSetString(aStr) {\n if (isProtoString(aStr)) {\n return aStr.slice(1);\n }\n\n return aStr;\n}\n\nexports.fromSetString = supportsNullProto ?\n identity : fromSetString;\n\nfunction isProtoString(s)\n {\n if (!s) {\n return false;\n }\n\n var length = s.length;\n\n if (length < 9 /* \"__proto__\".length */) {\n return\n false;\n }\n\n if (s.charCodeAt(length - 1) !== 95 /* '_' */ ||\n s.charCodeAt(length - 2) !== 95 /* '_' */ ||\n s.charCodeAt(length - 3) !== 111 /* 'o' */ ||\n s.charCodeAt(length - 4) !== 116 /* 't' */ ||\n s.charCodeAt(length - 5) !== 111 /* 'o' */ ||\n s.charCodeAt(length - 6) !== 114 /* 'r' */ ||\n s.charCodeAt(length - 7) !== 112 /* 'p' */ ||\n s.charCodeAt(length - 8) !== 95 /* '_' */ ||\n
```

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s.charCodeAt(length - 9) !== 95 /* '_' */) {\n  return false;\n }\n\n for (var i = length - 10; i >= 0; i--) {\n  if
(s.charCodeAt(i) !== 36 /* '$' */) {\n  return false;\n }\n }\n\n return true;\n }\n\n/**\n * Comparator between
two mappings where the original positions are compared.\n *\n * Optionally pass in `true` as
`onlyCompareGenerated` to consider two\n * mappings with the same original source/line/column, but different
generated\n * line and column the same. Useful when searching for a mapping with a\n * stubbed out mapping.\n
*/\n\nfunction compareByOriginalPositions(mappingA, mappingB, onlyCompareOriginal) {\n  var cmp =
strcmp(mappingA.source, mappingB.source);\n  if (cmp !== 0) {\n  return cmp;\n }\n\n cmp =
mappingA.originalLine - mappingB.originalLine;\n  if (cmp !== 0) {\n  return cmp;\n }\n\n cmp =
mappingA.originalColumn - mappingB.originalColumn;\n  if (cmp !== 0 || onlyCompareOriginal) {\n  return
cmp;\n }\n\n cmp = mappingA.generatedColumn - mappingB.generatedColumn;\n  if (cmp !== 0) {\n  return
cmp;\n }\n\n cmp = mappingA.generatedLine - mappingB.generatedLine;\n  if (cmp !== 0) {\n  return cmp;\n
}\n\n return strcmp(mappingA.name, mappingB.name);\n }\n\n\nexports.compareByOriginalPositions =
compareByOriginalPositions;\n\nfunction compareByOriginalPositionsNoSource(mappingA, mappingB,
onlyCompareOriginal) {\n  var cmp\n\n  cmp = mappingA.originalLine - mappingB.originalLine;\n  if (cmp !== 0)
{\n  return cmp;\n }\n\n  cmp = mappingA.originalColumn - mappingB.originalColumn;\n  if (cmp !== 0 ||
onlyCompareOriginal) {\n  return cmp;\n }\n\n  cmp = mappingA.generatedColumn -
mappingB.generatedColumn;\n  if (cmp !== 0) {\n  return cmp;\n }\n\n  cmp = mappingA.generatedLine -
mappingB.generatedLine;\n  if (cmp !== 0) {\n  return cmp;\n }\n\n  return strcmp(mappingA.name,
mappingB.name);\n }\n\n\nexports.compareByOriginalPositionsNoSource =
compareByOriginalPositionsNoSource;\n\n/**\n * Comparator between two mappings with deflated source and
name indices where\n * the generated positions are compared.\n *\n * Optionally pass in `true` as
`onlyCompareGenerated` to consider two\n * mappings with the same generated line and column, but different\n
* source/name/original line and column the same. Useful when searching for a\n * mapping with a stubbed out
mapping.\n */\n\nfunction compareByGeneratedPositionsDeflated(mappingA, mappingB, onlyCompareGenerated)
{\n  var cmp = mappingA.generatedLine - mappingB.generatedLine;\n  if (cmp !== 0) {\n  return cmp;\n }\n\n
cmp = mappingA.generatedColumn - mappingB.generatedColumn;\n  if (cmp !== 0 || onlyCompareGenerated) {\n
return cmp;\n }\n\n  cmp = strcmp(mappingA.source, mappingB.source);\n  if (cmp !== 0) {\n  return cmp;\n
}\n\n  cmp = mappingA.originalLine - mappingB.originalLine;\n  if (cmp !== 0) {\n  return cmp;\n }\n\n
cmp =
mappingA.originalColumn - mappingB.originalColumn;\n  if (cmp !== 0) {\n  return cmp;\n }\n\n  return
strcmp(mappingA.name, mappingB.name);\n }\n\n\nexports.compareByGeneratedPositionsDeflated =
compareByGeneratedPositionsDeflated;\n\nfunction compareByGeneratedPositionsDeflatedNoLine(mappingA,
mappingB, onlyCompareGenerated) {\n  var cmp = mappingA.generatedColumn - mappingB.generatedColumn;\n
if (cmp !== 0 || onlyCompareGenerated) {\n  return cmp;\n }\n\n  cmp = strcmp(mappingA.source,
mappingB.source);\n  if (cmp !== 0) {\n  return cmp;\n }\n\n  cmp = mappingA.originalLine -
mappingB.originalLine;\n  if (cmp !== 0) {\n  return cmp;\n }\n\n  cmp = mappingA.originalColumn -
mappingB.originalColumn;\n  if (cmp !== 0) {\n  return cmp;\n }\n\n  return strcmp(mappingA.name,
mappingB.name);\n }\n\n\nexports.compareByGeneratedPositionsDeflatedNoLine =
compareByGeneratedPositionsDeflatedNoLine;\n\nfunction strcmp(aStr1, aStr2) {\n  if (aStr1 === aStr2) {\n
return 0;\n }\n\n  if (aStr1 === null) {\n  return 1; // aStr2 !== null\n }\n\n  if (aStr2 === null) {\n
return -1; //
aStr1 !== null\n }\n\n  if (aStr1 > aStr2) {\n  return 1;\n }\n\n  return -1;\n }\n\n\n/**\n * Comparator between two
mappings with inflated source and name strings where\n * the generated positions are compared.\n */\n\nfunction
compareByGeneratedPositionsInflated(mappingA, mappingB) {\n  var cmp = mappingA.generatedLine -
mappingB.generatedLine;\n  if (cmp !== 0) {\n  return cmp;\n }\n\n  cmp = mappingA.generatedColumn -
mappingB.generatedColumn;\n  if (cmp !== 0) {\n  return cmp;\n }\n\n  cmp = strcmp(mappingA.source,
mappingB.source);\n  if (cmp !== 0) {\n  return cmp;\n }\n\n  cmp = mappingA.originalLine -
mappingB.originalLine;\n  if (cmp !== 0) {\n  return cmp;\n }\n\n  cmp = mappingA.originalColumn -
mappingB.originalColumn;\n  if (cmp !== 0) {\n  return cmp;\n }\n\n  return strcmp(mappingA.name,
mappingB.name);\n }\n\n\nexports.compareByGeneratedPositionsInflated =

```



```

compareByGeneratedPositionsInflated;
\n/**
 * Strip any JSON XSSI avoidance prefix from the string (as
 documented
 * in the source maps specification), and then parse the string as
 * JSON.
\n */
function
parseSourceMapInput(str) {
\n return JSON.parse(str.replace(/^(\\|)')/^\\n)*\\n/,
");
}
\nexports.parseSourceMapInput = parseSourceMapInput;
\n/**
 * Compute the URL of a source given the
 the source root, the source's
 * URL, and the source map's URL.
\n */
function computeSourceURL(sourceRoot,
sourceURL, sourceMapURL) {
\n sourceURL = sourceURL || "";
\n if (sourceRoot) {
\n // This follows what
 Chrome does.
\n if (sourceRoot[sourceRoot.length - 1] !== '/' && sourceURL[0] !== '/') {
\n sourceRoot += '/';
\n }
\n // The spec says:
\n // Line 4: An optional source root, useful for relocating source
\n // files on a server
 or removing repeated values in the
\n // "sources" entry. This value is prepended to the individual
\n // entries
 in the "source" field.
\n sourceURL = sourceRoot + sourceURL;
\n }
\n // Historically, SourceMapConsumer did
 not take the sourceMapURL as
\n // a parameter. This mode is still somewhat supported, which is why
\n // this
 code block is conditional. However, it's preferable to pass
\n // the source map URL to SourceMapConsumer, so
 that this function
\n // can implement the source URL resolution algorithm as outlined in
\n // the spec. This block is
 basically the equivalent of:
\n // new URL(sourceURL, sourceMapURL).toString()
\n // ... except it avoids using
 URL, which wasn't available in the
\n // older releases of node still supported by this library.
\n // The spec
 says:
\n // If the sources are not absolute URLs after prepending of the
\n // "sourceRoot", the sources are resolved
 relative to the
\n // SourceMap (like resolving script src in a html document).
\n if (sourceMapURL) {
\n var
 parsed = urlParse(sourceMapURL);
\n if (!parsed) {
\n throw new Error("sourceMapURL could not be
 parsed");
\n }
\n if (parsed.path) {
\n // Strip the last path component, but keep the "\".
\n var index =
 parsed.path.lastIndexOf('/');
\n if (index >= 0) {
\n parsed.path = parsed.path.substr(0, index + 1);
\n }
\n }
\n sourceURL = join(urlGenerate(parsed), sourceURL);
\n }
\n return
normalize(sourceURL);
}
\nexports.computeSourceURL = computeSourceURL;
\n/**
 * Checks if `value` is
 the
 * [language type](http://www.ecma-international.org/ecma-262/7.0/#sec-ecmascript-language-types)
 * of
 `Object`. (e.g. arrays, functions, objects, regexes, `new Number(0)`, and `new String("")`)
\n */
 * @static
\n *
 * @memberOf _
\n * @since 0.1.0
\n * @category Lang
\n * @param {*} value The value to check.
\n * @returns
 {boolean} Returns `true` if `value` is an object, else `false`.
\n * @example
\n * _._isObject({});
\n * // => true
\n *
\n * _._isObject([1, 2, 3]);
\n * // => true
\n *
\n * _._isObject(_noop);
\n * // => true
\n *
\n * _._isObject(null);
\n * // =>
 false
\n */
function isObject(value) {
\n var type = typeof value;
\n return value != null && (type === 'object' || type
 === 'function');
}
\n\nmodule.exports = isObject;
\n,"use strict";
\nObject.defineProperty(exports,
 \"__esModule\", {
\n value: true
});
\nexports.default = isValidIdentifier;
\n\nvar _helperValidatorIdentifier =
require("@babel/helper-validator-identifier");
\nfunction isValidIdentifier(name, reserved = true) {
\n if (typeof
 name !== 'string') return false;
\n if (reserved) {
\n if ((0, _helperValidatorIdentifier.isKeyword)(name) || (0,
 _helperValidatorIdentifier.isStrictReservedWord)(name)) {
\n return false;
\n }
\n }
\n } else if (name === 'await') {
\n return false;
\n }
\n }
\n }
\n return (0, _helperValidatorIdentifier.isIdentifierName)(name);
}
\n,"use
strict";
\n\nObject.defineProperty(exports, \"__esModule\", {
\n value: true
});
\nexports.default =
isValidIdentifier;
\n\nvar _helperValidatorIdentifier = require("@babel/helper-validator-identifier");
\nfunction
isValidIdentifier(name, reserved = true) {
\n if (typeof name !== 'string') return false;
\n if (reserved) {
\n if
 ((0, _helperValidatorIdentifier.isKeyword)(name) || (0, _helperValidatorIdentifier.isStrictReservedWord)(name,
 true)) {
\n return false;
\n }
\n }
\n }
\n return (0, _helperValidatorIdentifier.isIdentifierName)(name);
}
\n,"
/*
 * -
 * Mode: js;
 * js-indent-level: 2;
 * -
 * */
\n */
 * Copyright 2011 Mozilla Foundation and contributors
\n * Licensed under
 the New BSD license. See LICENSE or:
\n * http://opensource.org/licenses/BSD-3-Clause
\n */
\n */
 * This is a
 helper function for getting values from parameter/options
\n * objects.
\n */
 * @param args The object we are
 extracting values from
\n * @param name The name of the property we are getting.
\n * @param defaultValue An
 optional value to return if the property is missing
\n * from the object. If this is not specified and the property is
 missing, an
\n * error will be thrown.
\n */
function getArg(aArgs, aName, aDefaultValue) {
\n if (aName in aArgs)
 {
\n return aArgs[aName];
\n }
\n } else if (arguments.length === 3) {
\n return aDefaultValue;
\n }
\n } else {
\n throw
 new Error("'" + aName + "' is a required argument.");
\n }
\n }
\n }
\n\nexports.getArg = getArg;
\n\nvar urlRegexp =
/^((?:([w+|-].+)?|\\|\\(|(?:(w+|w+)@)?|([w.]*)?(?:((d+))?(\\S*))$);
\n\nvar dataUrlRegexp =

```

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/^data:.\+\/\.\+$/;
function urlParse(aUrl) {
  var match = aUrl.match(urlRegexp);
  if (!match) {
    return null;
  }
  return {
    scheme: match[1],
    auth: match[2],
    host: match[3],
    port: match[4],
    path: match[5]
  };
}
exports.urlParse = urlParse;

function urlGenerate(aParsedUrl) {
  var url = "";
  if (aParsedUrl.scheme) {
    url += aParsedUrl.scheme + ':';
  }
  url += '//';
  if (aParsedUrl.auth) {
    url += aParsedUrl.auth + '@';
  }
  if (aParsedUrl.host) {
    url += aParsedUrl.host;
  }
  if (aParsedUrl.port) {
    url += ':' + aParsedUrl.port;
  }
  if (aParsedUrl.path) {
    url += aParsedUrl.path;
  }
  return url;
}
exports.urlGenerate = urlGenerate;

// Normalizes a path, or the path portion of a URL.
// Replaces consecutive slashes with one slash.
// Removes unnecessary '.' parts.
// Removes unnecessary '<dir>..' parts.
// Based on code in the Node.js 'path' core module.
// @param aPath The path or url to normalize.
function normalize(aPath) {
  var path = aPath;
  var url = urlParse(aPath);
  if (url) {
    if (!url.path) {
      return aPath;
    }
    path = url.path;
  }
  var isAbsolute = exports.isAbsolute(path);
  var parts = path.split(/\/+/);
  for (var part, up = 0, i = parts.length - 1; i >= 0; i--) {
    part = parts[i];
    if (part === '.') {
      parts.splice(i, 1);
    } else if (part === '..') {
      up++;
    } else if (up > 0) {
      if (part === '') {
        // The first part is blank if the path is absolute. Trying to go
        // above the root is a no-op. Therefore we can remove all
        // '.' parts
        // directly after the root.
        parts.splice(i + 1, up);
        up = 0;
      } else {
        parts.splice(i, 2);
        up--;
      }
    }
  }
  path = parts.join('/');
  if (path === '') {
    path = isAbsolute ? '/' : '.';
  }
  if (url) {
    url.path = path;
    return urlGenerate(url);
  }
  return path;
}
exports.normalize = normalize;

// Joins two paths/URLs.
// @param aRoot The root path or URL.
// @param aPath The path or URL to be joined with the root.
// - If aPath is a URL or a data URI, aPath is returned, unless aPath is
// a scheme-relative URL: Then the scheme of aRoot, if any, is prepended
// first.
// - Otherwise aPath is a path. If aRoot is a URL, then its path portion
// is updated with the result and aRoot is returned. Otherwise the
// result is returned.
// - If aPath is absolute, the result is aPath.
// - Otherwise the two paths are joined with a slash.
// - Joining for example 'http://' and 'www.example.com' is also supported.
function join(aRoot, aPath) {
  if (aRoot === '') {
    aRoot = '.';
  }
  if (aPath === '') {
    aPath = '.';
  }
  var aPathUrl = urlParse(aPath);
  var aRootUrl = urlParse(aRoot);
  if (aRootUrl) {
    aRoot = aRootUrl.path || '/';
  }
  // `join(foo, '//www.example.org')`
  if (aPathUrl && !aPathUrl.scheme) {
    if (aRootUrl) {
      aPathUrl.scheme = aRootUrl.scheme;
    }
    return urlGenerate(aPathUrl);
  }
  if (aPathUrl || aPath.match(dataUriRegexp)) {
    return aPath;
  }
  // `join('http://', 'www.example.com')`
  if (aRootUrl && !aRootUrl.host && !aRootUrl.path) {
    aRootUrl.host = aPath;
    return urlGenerate(aRootUrl);
  }
  var joined = aPath.charAt(0) === '/' ? aPath : normalize(aRoot.replace(/\/+$/, '') + '/' + aPath);
  if (aRootUrl) {
    aRootUrl.path = joined;
    return urlGenerate(aRootUrl);
  }
  return joined;
}
exports.join = join;
exports.isAbsolute = function (aPath) {
  return aPath.charAt(0) === '/' || !aPath.match(urlRegexp);
};

// Make a path relative to a URL or another path.
// @param aRoot The root path or URL.
// @param aPath The path or URL to be made relative to aRoot.
function relative(aRoot, aPath) {
  if (aRoot === '') {
    aRoot = '.';
  }
  aRoot = aRoot.replace(/\/$/, '');
  // It is possible for the path to be above the root. In this case, simply
  // checking whether the root is a prefix of the path won't work.
  // Instead, we need to remove components from the root one by one, until either we find
  // a prefix that fits, or we run out of components to remove.
  var level = 0;
  while (aPath.indexOf(aRoot + '/') !== 0) {
    var index = aRoot.lastIndexOf('^/');
    if (index < 0) {
      return aPath;
    }
    // If the only part of the root that is left is the scheme (i.e. http://,
    // file://, etc.), one or more slashes (/), or simply nothing at all, we
    // have exhausted all components, so the path is not relative to the root.
    aRoot = aRoot.slice(0, index);
    if (aRoot.match(/^[^\/]+:\w?\/\w*$/) ) {
      return aPath;
    }
    ++level;
  }
  // Make sure we add a '..^' for each component we removed from the root.
  return Array(level + 1).join('../^') + aPath.substr(aRoot.length + 1);
}
exports.relative = relative;

var supportsNullProto = (function () {
  var obj = Object.create(null);
  return !('__proto__' in obj);
})();

function identity(s) {
  return s;
}

// Because behavior goes wacky when you set `__proto__` on objects, we
// have to prefix all the strings in our set with an arbitrary character.
// See https://github.com/mozilla/source-map/pull/31 and
// https://github.com/mozilla/source-map/issues/30
// @param String aStr
function toSetString(aStr) {
  if (isProtoString(aStr)) {
    return '$' + aStr;
  }
}

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return aStr;\n}\nexports.toSetString = supportsNullProto ? identity : toSetString;\n\nfunction fromSetString(aStr)
{\n  if (isProtoString(aStr)) {\n    return aStr.slice(1);\n  }\n  return aStr;\n}\n\nexports.fromSetString =
supportsNullProto ? identity : fromSetString;\n\nfunction isProtoString(s) {\n  if (!s) {\n    return false;\n  }\n  var
length = s.length;\n  if (length < 9 /* \"__proto__\".length */) {\n    return false;\n  }\n  if (s.charCodeAt(length -
1) !== 95 /* '_' */ ||\n    s.charCodeAt(length - 2) !== 95 /* '_' */ ||\n    s.charCodeAt(length - 3) !== 111 /* 'o' */
||\n    s.charCodeAt(length - 4) !== 116 /* 't' */ ||\n    s.charCodeAt(length - 5) !== 111 /* 'o' */ ||\n
s.charCodeAt(length - 6) !== 114 /* 'r' */ ||\n    s.charCodeAt(length - 7) !== 112 /* 'p' */ ||\n
s.charCodeAt(length - 8) !== 95 /* '_' */ ||\n    s.charCodeAt(length - 9) !== 95 /* '_' */) {\n    return false;\n  }\n
for (var i = length - 10; i >= 0; i--) {\n    if (s.charCodeAt(i) !== 36 /* '$' */) {\n      return false;\n    }\n  }\n
return true;\n}\n\n/**\n * Comparator between two mappings where the original positions are compared.\n *\n *
Optionally pass in `true` as `onlyCompareGenerated` to consider two\n * mappings with the same original
source/line/column, but different generated\n * line and column the same. Useful when searching for a mapping
with a\n * stubbed out mapping.\n */\nfunction compareByOriginalPositions(mappingA, mappingB,
onlyCompareOriginal) {\n  var cmp = mappingA.source - mappingB.source;\n  if (cmp !== 0) {\n    return cmp;\n  }\n
cmp = mappingA.originalLine - mappingB.originalLine;\n  if (cmp !== 0) {\n    return cmp;\n  }\n  cmp =
mappingA.originalColumn - mappingB.originalColumn;\n  if (cmp !== 0 || onlyCompareOriginal) {\n    return
cmp;\n  }\n  cmp = mappingA.generatedColumn - mappingB.generatedColumn;\n  if (cmp !== 0) {\n    return
cmp;\n  }\n  cmp = mappingA.generatedLine - mappingB.generatedLine;\n  if (cmp !== 0) {\n    return cmp;\n  }\n
return mappingA.name - mappingB.name;\n}\n\nexports.compareByOriginalPositions =
compareByOriginalPositions;\n\n/**\n * Comparator between two mappings with deflated source and name indices
where\n * the generated positions are compared.\n *\n * Optionally pass in `true` as `onlyCompareGenerated` to
consider two\n * mappings with the same generated line and column, but different\n * source/name/original line and
column the same. Useful when searching for a\n * mapping with a stubbed out mapping.\n */\nfunction
compareByGeneratedPositionsDeflated(mappingA, mappingB, onlyCompareGenerated) {\n  var cmp =
mappingA.generatedLine - mappingB.generatedLine;\n  if (cmp !== 0) {\n    return cmp;\n  }\n  cmp =
mappingA.generatedColumn - mappingB.generatedColumn;\n  if (cmp !== 0 || onlyCompareGenerated) {\n    return
cmp;\n  }\n  cmp = mappingA.source - mappingB.source;\n  if (cmp !== 0) {\n    return cmp;\n  }\n  cmp =
mappingA.originalLine - mappingB.originalLine;\n  if (cmp !== 0) {\n    return cmp;\n  }\n  cmp =
mappingA.originalColumn - mappingB.originalColumn;\n  if (cmp !== 0) {\n    return cmp;\n  }\n  return
mappingA.name - mappingB.name;\n}\n\nexports.compareByGeneratedPositionsDeflated =
compareByGeneratedPositionsDeflated;\n\nfunction strcmp(aStr1, aStr2) {\n  if (aStr1 === aStr2) {\n    return 0;\n  }\n
if (aStr1 > aStr2) {\n    return 1;\n  }\n  return -1;\n}\n\n/**\n * Comparator between two mappings with
inflated source and name strings where\n * the generated positions are compared.\n */\nfunction
compareByGeneratedPositionsInflated(mappingA, mappingB) {\n  var cmp = mappingA.generatedLine -
mappingB.generatedLine;\n  if (cmp !== 0) {\n    return cmp;\n  }\n  cmp = mappingA.generatedColumn -
mappingB.generatedColumn;\n  if (cmp !== 0) {\n    return cmp;\n  }\n  cmp = strcmp(mappingA.source,
mappingB.source);\n  if (cmp !== 0) {\n    return cmp;\n  }\n  cmp = mappingA.originalLine -
mappingB.originalLine;\n  if (cmp !== 0) {\n    return cmp;\n  }\n  cmp = mappingA.originalColumn -
mappingB.originalColumn;\n  if (cmp !== 0) {\n    return cmp;\n  }\n  return strcmp(mappingA.name,
mappingB.name);\n}\n\nexports.compareByGeneratedPositionsInflated =
compareByGeneratedPositionsInflated;\n\nvar listCacheClear = require('./_listCacheClear'),\n  listCacheDelete =
require('./_listCacheDelete'),\n  listCacheGet = require('./_listCacheGet'),\n  listCacheHas =
require('./_listCacheHas'),\n  listCacheSet = require('./_listCacheSet');\n\n/**\n * Creates an list cache object.\n *\n *
@private\n * @constructor\n * @param {Array} [entries] The key-value pairs to cache.\n */\nfunction
ListCache(entries) {\n  var index = -1,\n      length = entries == null ? 0 : entries.length;\n  while
(++index < length) {\n    var entry = entries[index];\n    this.set(entry[0], entry[1]);\n  }\n}\n\n// Add methods to
`ListCache`\nListCache.prototype.clear = listCacheClear;\nListCache.prototype['delete'] =
listCacheDelete;\nListCache.prototype.get = listCacheGet;\nListCache.prototype.has =

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listCacheHas;\nListCache.prototype.set = listCacheSet;\n\nmodule.exports = ListCache;\n", "var eq =
require('./eq');\n\n/**\n * Gets the index at which the `key` is found in `array` of key-value pairs.\n * \n * @private\n * @param {Array} array The array to inspect.\n * @param {*} key The key to search for.\n * @returns {number}
Returns the index of the matched value, else -1.\n */\nfunction assocIndexOf(array, key) {\n  var length =
array.length;\n  while (length--) {\n    if (eq(array[length][0], key)) {\n      return length;\n    }\n  }\n  return -
1;\n}\n\nmodule.exports = assocIndexOf;\n", "var getNative = require('./_getNative');\n\n/* Built-in method
references that are verified to be native. */\nvar nativeCreate = getNative(Object, 'create');\n\nmodule.exports =
nativeCreate;\n", "var isKeyable = require('./_isKeyable');\n\n/**\n * Gets the data for `map`.\n * \n * @private\n * @param {Object} map The map to query.\n * @param {string} key The reference key.\n * @returns {*} Returns
the map data.\n */\nfunction getMapData(map, key) {\n  var data = map.__data__;\n  return isKeyable(key) ?
data[typeof key == 'string' ? 'string' : 'hash']\n    : data.map;\n}\n\nmodule.exports = getMapData;\n", "var
assignValue = require('./_assignValue'),\n  baseAssignValue = require('./_baseAssignValue');\n\n/**\n * Copies
properties of `source` to `object`.\n * \n * @private\n * @param {Object} source The object to copy properties
from.\n * @param {Array} props The property identifiers to copy.\n * @param {Object} [object={}] The object to
copy properties to.\n * @param {Function} [customizer] The function to customize copied values.\n * @returns
{Object} Returns `object`.\n */\nfunction copyObject(source, props, object, customizer) {\n  var isNew = !object;\n
object || (object = {});\n  var index = -1,\n      length = props.length;\n  while (++index < length) {\n    var key =
props[index];\n    var newValue = customizer\n      ? customizer(object[key], source[key], key, object, source)\n
      : undefined;\n    if (newValue === undefined) {\n      newValue = source[key];\n    }\n    if (isNew) {\n
baseAssignValue(object, key, newValue);\n    } else {\n      assignValue(object, key, newValue);\n    }\n  }\n  return
object;\n}\n\nmodule.exports = copyObject;\n", "module.exports = function(module) {\n\tif
(!module.webpackPolyfill) {\n\t\tmodule.deprecate = function() {};\n\t\tmodule.paths = [];\n\t\t// module.parent =
undefined by default\n\t\tif (!module.children) module.children = [];\n\t\tObject.defineProperty(module, \"loaded\",
{\n\t\t\tenumerable: true,\n\t\t\tget: function() {\n\t\t\t\treturn
module.i;\n\t\t\t}\n\t\t});\n\t\tObject.defineProperty(module, \"id\", {\n\t\t\tenumerable: true,\n\t\t\tget: function()
{\n\t\t\t\treturn module.i;\n\t\t\t}\n\t\t});\n\t\tmodule.webpackPolyfill = 1;\n\t\t\n\t\treturn module;\n\t};\n\n\t/**\n * The
base implementation of `_.unary` without support for storing metadata.\n * \n * @private\n * @param {Function}
func The function to cap arguments for.\n * @returns {Function} Returns the new capped function.\n */\nfunction
baseUnary(func) {\n  return function(value) {\n    return func(value);\n  };}\n\nmodule.exports =
baseUnary;\n", "var freeGlobal = require('./_freeGlobal');\n\n/** Detect free variable `exports` */\nvar freeExports =
typeof exports == 'object' && exports && !exports.nodeType && exports;\n\n/** Detect free variable `module` */
var freeModule = freeExports && typeof module == 'object' && module && !module.nodeType &&
module;\n\n/** Detect the popular CommonJS extension `module.exports` */\nvar moduleExports = freeModule
&& freeModule.exports === freeExports;\n\n/** Detect free variable `process` from Node.js */\nvar freeProcess =
moduleExports && freeGlobal.process;\n\n/** Used to access faster Node.js helpers */\nvar nodeUtil = (function()
{\n  try {\n    // Use `util.types` for Node.js 10+.\n    var types = freeModule && freeModule.require &&
freeModule.require('util').types;\n\n    if (types) {\n      return types;\n    }\n\n    // Legacy `process.binding('util')` for
Node.js < 10.\n    return freeProcess && freeProcess.binding && freeProcess.binding('util');\n  } catch (e)
{\n  }\n})();\n\nmodule.exports = nodeUtil;\n", "\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n
value: true\n});\n\nexports.default = is;\n\nvar _shallowEqual =
_interopRequireDefault(require(\"../utils/shallowEqual\"));\n\nvar _isType =
_interopRequireDefault(require(\"./isType\"));\n\nvar _isPlaceholderType =
_interopRequireDefault(require(\"./isPlaceholderType\"));\n\nvar _definitions =
require(\"../definitions\");\n\nfunction _interopRequireDefault(obj) { return obj && obj.__esModule ? obj : {
default: obj }; }\n\nfunction is(type, node, opts) {\n  if (!node) return false;\n  const matches = (0,
_isType.default)(node.type, type);\n  if (!matches) {\n    if (!opts && node.type === \"Placeholder\" && type in
_definitions.FLIPPED_ALIAS_KEYS) {\n      return (0, _isPlaceholderType.default)(node.expectedNode, type);\n    }\n
return false;\n  }\n  if (typeof opts === \"undefined\") {\n    return true;\n  } else {\n    return (0,

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    _shallowEqual.default)(node, opts);\n } \n}", "\nuse strict";\n\nObject.defineProperty(exports, "\n__esModule", {\n
value: true\n});\nexports.default = getBindingIdentifiers;\n\nvar _generated =
require("../validators/generated");\n\nfunction getBindingIdentifiers(node, duplicates, outerOnly) {\n let search =
[].concat(node);\n const ids = Object.create(null);\n\n while (search.length) {\n const id = search.shift();\n if
(id) continue;\n const keys = getBindingIdentifiers.keys[id.type];\n\n if ((0, _generated.isIdentifier)(id)) {\n
if (duplicates) {\n const _ids = ids[id.name] = ids[id.name] || [];\n\n _ids.push(id);\n } else {\n
ids[id.name] = id;\n }\n\n continue;\n }\n\n if ((0, _generated.isExportDeclaration)(id)) {\n if ((0,
_generated.isDeclaration)(id.declaration)) {\n search.push(id.declaration);\n }\n\n continue;\n }\n\n if
(outerOnly) {\n if ((0, _generated.isFunctionDeclaration)(id)) {\n search.push(id.id);\n continue;\n
}\n\n if ((0, _generated.isFunctionExpression)(id)) {\n continue;\n }\n }\n\n if (keys) {\n for (let i =
0; i < keys.length; i++) {\n const key = keys[i];\n\n if (id[key]) {\n search = search.concat(id[key]);\n
}\n }\n }\n }\n\n return ids;\n}\n\ngetBindingIdentifiers.keys = {\n DeclareClass: ["id"],\n
DeclareFunction: ["id"],\n DeclareModule: ["id"],\n DeclareVariable: ["id"],\n DeclareInterface: ["id"],\n
DeclareTypeAlias: ["id"],\n DeclareOpaqueType: ["id"],\n InterfaceDeclaration: ["id"],\n TypeAlias:
["id"],\n OpaqueType: ["id"],\n CatchClause: ["param"],\n LabeledStatement: ["label"],\n UnaryExpression:
["argument"],\n AssignmentExpression: ["left"],\n ImportSpecifier: ["local"],\n ImportNamespaceSpecifier:
["local"],\n ImportDefaultSpecifier: ["local"],\n ImportDeclaration: ["specifiers"],\n ExportSpecifier:
["exported"],\n ExportNamespaceSpecifier: ["exported"],\n ExportDefaultSpecifier: ["exported"],\n
FunctionDeclaration: ["id", "params"],\n FunctionExpression: ["id", "params"],\n ArrowFunctionExpression:
["params"],\n ObjectMethod: ["params"],\n ClassMethod: ["params"],\n ForInStatement: ["left"],\n
ForOfStatement: ["left"],\n ClassDeclaration: ["id"],\n ClassExpression: ["id"],\n RestElement:
["argument"],\n UpdateExpression: ["argument"],\n ObjectProperty: ["value"],\n AssignmentPattern:
["left"],\n ArrayPattern: ["elements"],\n ObjectPattern: ["properties"],\n VariableDeclaration:
["declarations"],\n VariableDeclarator: ["id"]\n};\n\nuse strict";\n\nObject.defineProperty(exports,
"\n__esModule", {\n value: true\n});\nexports.default = is;\n\nvar _shallowEqual =
require("../utils/shallowEqual");\n\nvar _isType = require("../isType");\n\nvar _isPlaceholderType =
require("../isPlaceholderType");\n\nvar _definitions = require("../definitions");\n\nfunction is(type, node, opts) {\n
if (!node) return false;\n const matches = (0, _isType.default)(node.type, type);\n\n if (!matches) {\n if (!opts &
node.type === "Placeholder" && type in _definitions.FLIPPED_ALIAS_KEYS) {\n return (0,
_isPlaceholderType.default)(node.expectedNode, type);\n }\n\n return false;\n }\n\n if (typeof opts ===
"undefined") {\n return true;\n } else {\n return (0, _shallowEqual.default)(node, opts);\n }\n } \n}", "\nuse
strict";\n\nObject.defineProperty(exports, "\n__esModule", {\n value: true\n});\nexports.default =
getBindingIdentifiers;\n\nvar _generated = require("../validators/generated");\n\nfunction
getBindingIdentifiers(node, duplicates, outerOnly) {\n let search = [].concat(node);\n const ids =
Object.create(null);\n\n while (search.length) {\n const id = search.shift();\n if (!id) continue;\n const keys =
getBindingIdentifiers.keys[id.type];\n\n if ((0, _generated.isIdentifier)(id)) {\n if (duplicates) {\n const _ids
= ids[id.name] = ids[id.name] || [];\n\n _ids.push(id);\n } else {\n ids[id.name] = id;\n }\n\n
continue;\n }\n\n if ((0, _generated.isExportDeclaration)(id) && !(0, _generated.isExportAllDeclaration)(id))
{\n if ((0, _generated.isDeclaration)(id.declaration)) {\n search.push(id.declaration);\n }\n\n
continue;\n }\n\n if (outerOnly) {\n if ((0, _generated.isFunctionDeclaration)(id)) {\n
search.push(id.id);\n continue;\n }\n\n if ((0, _generated.isFunctionExpression)(id)) {\n continue;\n
}\n }\n\n if (keys) {\n for (let i = 0; i < keys.length; i++) {\n const key = keys[i];\n\n if (id[key]) {\n
search = search.concat(id[key]);\n }\n }\n }\n }\n\n return ids;\n}\n\ngetBindingIdentifiers.keys = {\n
DeclareClass: ["id"],\n DeclareFunction: ["id"],\n DeclareModule: ["id"],\n DeclareVariable: ["id"],\n
DeclareInterface: ["id"],\n DeclareTypeAlias: ["id"],\n DeclareOpaqueType: ["id"],\n InterfaceDeclaration:
["id"],\n TypeAlias: ["id"],\n OpaqueType: ["id"],\n CatchClause: ["param"],\n LabeledStatement:
["label"],\n UnaryExpression: ["argument"],\n AssignmentExpression: ["left"],\n ImportSpecifier:
["local"],\n ImportNamespaceSpecifier: ["local"],\n ImportDefaultSpecifier: ["local"],\n ImportDeclaration:

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["specifiers"],\n ExportSpecifier: ["exported"],\n ExportNamespaceSpecifier: ["exported"],\n
ExportDefaultSpecifier: ["exported"],\n FunctionDeclaration: ["id", "params"],\n FunctionExpression: ["id",
"params"],\n ArrowFunctionExpression: ["params"],\n ObjectMethod: ["params"],\n ClassMethod:
["params"],\n ForInStatement: ["left"],\n ForOfStatement: ["left"],\n ClassDeclaration: ["id"],\n
ClassExpression: ["id"],\n RestElement: ["argument"],\n UpdateExpression: ["argument"],\n ObjectProperty:
["value"],\n AssignmentPattern: ["left"],\n ArrayPattern: ["elements"],\n ObjectPattern: ["properties"],\n
VariableDeclaration: ["declarations"],\n VariableDeclarator: ["id"],\n";,"use
strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\nexports.clear =
clear;\nexports.clearPath = clearPath;\nexports.clearScope = clearScope;\nexports.scope = exports.path = void
0;\nlet path = new WeakMap();\nexports.path = path;\nlet scope = new WeakMap();\nexports.scope =
scope;\n\nfunction clear() {\n clearPath();\n clearScope();\n}\n\nfunction clearPath() {\n exports.path = path =
new WeakMap();\n}\n\nfunction clearScope() {\n exports.scope = scope = new WeakMap();\n},"use
strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\nexports.default =
shallowEqual;\n\nfunction shallowEqual(actual, expected) {\n const keys = Object.keys(expected);\n\n for (const
key of keys) {\n if (actual[key] !== expected[key]) {\n return false;\n }\n }\n\n return true;\n},"var
getNative = require('./_getNative'),\n root = require('./_root');\n\n/* Built-in method references that are verified to
be native. */\nvar Map = getNative(root, 'Map');\n\nmodule.exports = Map;\n","var root = require('./_root');\n\n/**
Built-in value references. */\nvar Symbol = root.Symbol;\n\nmodule.exports = Symbol;\n","var arrayLikeKeys =
require('./_arrayLikeKeys'),\n baseKeys = require('./_baseKeys'),\n isArrayLike =
require('./isArrayLike');\n\n/**\n * Creates an array of the own enumerable property names of `object`.\n *\n *
**Note:** Non-object values are coerced to objects. See the [ES spec](http://ecma-international.org/ecma-
262/7.0/#sec-object.keys)\n * for more details.\n *\n * @static\n * @since 0.1.0\n * @memberOf _\n * @category
Object\n * @param {Object} object The object to query.\n * @returns {Array} Returns the array of property
names.\n * @example\n *\n * function Foo() {\n * this.a = 1;\n * this.b = 2;\n * }\n *\n * Foo.prototype.c = 3;\n
*\n * _keys(new Foo);\n * // => ['a', 'b'] (iteration order is not guaranteed)\n *\n * _keys('hi');\n * // => ['0', '1']\n
*\n * \nfunction keys(object) {\n return isArrayLike(object) ? arrayLikeKeys(object) :
baseKeys(object);\n}\n\nmodule.exports = keys;\n","/**\n * Checks if `value` is classified as an `Array` object.\n
*\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Lang\n * @param {*} value The value to check.\n
*\n * @returns {boolean} Returns `true` if `value` is an array, else `false`.\n * @example\n *\n * _isArray([1, 2, 3]);\n
*\n * // => true\n *\n * _isArray(document.body.children);\n *\n * // => false\n *\n * _isArray('abc');\n *\n * // => false\n *\n *
_isArray(_noop);\n *\n * // => false\n *\nvar isArray = Array.isArray;\n\nmodule.exports = isArray;\n","/** Used for
built-in method references. */\nvar objectProto = Object.prototype;\n\n/**\n * Checks if `value` is likely a prototype
object.\n *\n * @private\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value`
is a prototype, else `false`.\n *\n * \nfunction isPrototype(value) {\n var Ctor = value && value.constructor,\n proto
= (typeof Ctor == 'function' && Ctor.prototype) || objectProto;\n\n return value === proto;\n}\n\nmodule.exports =
isPrototype;\n","var arrayLikeKeys = require('./_arrayLikeKeys'),\n baseKeysIn = require('./_baseKeysIn'),\n
isArrayLike = require('./isArrayLike');\n\n/**\n * Creates an array of the own and inherited enumerable property
names of `object`.\n *\n * **Note:** Non-object values are coerced to objects.\n *\n * @static\n * @memberOf _\n
*\n * @since 3.0.0\n * @category Object\n * @param {Object} object The object to query.\n * @returns {Array}
Returns the array of property names.\n * @example\n *\n * function Foo() {\n * this.a = 1;\n * this.b = 2;\n * }\n
*\n * Foo.prototype.c = 3;\n *\n * _keysIn(new Foo);\n * // => ['a', 'b', 'c'] (iteration order is not guaranteed)\n
*\n * \nfunction keysIn(object) {\n return isArrayLike(object) ? arrayLikeKeys(object, true) :
baseKeysIn(object);\n}\n\nmodule.exports = keysIn;\n","var arrayFilter = require('./_arrayFilter'),\n stubArray =
require('./stubArray');\n\n/** Used for built-in method references. */\nvar objectProto = Object.prototype;\n\n/**
Built-in value references. */\nvar propertyIsEnumerable = objectProto.propertyIsEnumerable;\n\n/* Built-in method
references for those with the same name as other `lodash` methods. */\nvar nativeGetSymbols =
Object.getOwnPropertySymbols;\n\n/**\n * Creates an array of the own enumerable symbols of `object`.\n *\n *
@private\n * @param {Object} object The object to query.\n * @returns {Array} Returns the array of symbols.\n

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*\nvar getSymbols = !nativeGetSymbols ? stubArray : function(object) {\n  if (object == null) {\n    return [];\n  }\n  object = Object(object);\n  return arrayFilter(nativeGetSymbols(object), function(symbol) {\n    return\n    propertyIsEnumerable.call(object, symbol);\n  });\n};\n\nmodule.exports = getSymbols;\n", "var overArg =\nrequire('./_overArg');\n\n/** Built-in value references. */\nvar getPrototype = overArg(Object.getPrototypeOf,\nObject);\n\nmodule.exports = getPrototype;\n", "var DataView = require('./_DataView'),\n  Map =\nrequire('./_Map'),\n  Promise = require('./_Promise'),\n  Set = require('./_Set'),\n  WeakMap =\nrequire('./_WeakMap'),\n  baseGetTag = require('./_baseGetTag'),\n  toSource = require('./_toSource');\n\n/**\n `Object#toString` result references. */\nvar mapTag = '[object Map]',\n    objectTag = '[object Object]',\n    promiseTag = '[object Promise]',\n    setTag = '[object Set]',\n    weakMapTag = '[object WeakMap]';\n\nvar\n  dataViewTag = '[object DataView]';\n\n/** Used to detect maps, sets, and weakmaps. */\nvar dataViewCtorString =\ntoSource(DataView),\n    mapCtorString = toSource(Map),\n    promiseCtorString = toSource(Promise),\n    setCtorString = toSource(Set),\n    weakMapCtorString = toSource(WeakMap);\n\n/**\n * Gets the `toStringTag` of\n `value`.\n *\n * @private\n * @param {*} value The value to query.\n * @returns {string} Returns the\n `toStringTag`.\n */\nvar getTag = baseGetTag;\n\n// Fallback for data views, maps, sets, and weak maps in IE 11\nand promises in Node.js < 6.\nif ((DataView && getTag(new DataView(new ArrayBuffer(1))) != dataViewTag) ||\n    (Map && getTag(new Map) != mapTag) ||\n    (Promise && getTag(Promise.resolve()) != promiseTag) ||\n    (Set && getTag(new Set) != setTag) ||\n    (WeakMap && getTag(new WeakMap) != weakMapTag)) {\n  getTag =\nfunction(value) {\n  var result = baseGetTag(value),\n      ctor = result == objectTag ? value.constructor :\n      undefined,\n      ctorString = ctor ? toSource(ctor) : '';\n\n  if (ctorString) {\n    switch (ctorString) {\n      case dataViewCtorString: return dataViewTag;\n      case mapCtorString: return mapTag;\n      case promiseCtorString: return promiseTag;\n      case setCtorString: return setTag;\n      case weakMapCtorString: return weakMapTag;\n    }\n  }\n\n  return result;\n};\n}\n\nmodule.exports = getTag;\n", "var Uint8Array =\nrequire('./_Uint8Array');\n\n/**\n * Creates a clone of `arrayBuffer`.\n *\n * @private\n * @param {ArrayBuffer} arrayBuffer The array buffer to clone.\n * @returns {ArrayBuffer} Returns the cloned array buffer.\n */\nfunction\ncloneArrayBuffer(arrayBuffer) {\n  var result = new arrayBuffer.constructor(arrayBuffer.byteLength);\n  new\n  Uint8Array(result).set(new Uint8Array(arrayBuffer));\n  return result;\n}\n\nmodule.exports =\ncloneArrayBuffer;\n", "\nuse strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value:\ntrue\n});\n\nexports.classMethodOrDeclareMethodCommon = exports.classMethodOrPropertyCommon =\nexports.patternLikeCommon = exports.functionDeclarationCommon = exports.functionTypeAnnotationCommon =\nexports.functionCommon = void 0;\n\nvar _is = _interopRequireDefault(require("../validators/is")); \n\nvar\n_isValidIdentifier = _interopRequireDefault(require("../validators/isValidIdentifier")); \n\nvar\n_helperValidatorIdentifier = require("@babel/helper-validator-identifier"); \n\nvar\n_constants =\nrequire("../constants"); \n\nvar\n_utils = _interopRequireWildcard(require("../utils")); \n\nfunction\n_getRequireWildcardCache() {\n  if (typeof WeakMap !== "function") return null;\n  var cache = new WeakMap();\n  _getRequireWildcardCache = function () {\n    return cache;\n  }; \n  return cache;\n}\n\nfunction\n_interopRequireWildcard(obj) {\n  if (obj && obj.__esModule) {\n    return obj;\n  }\n  if (obj === null || typeof obj !==\n"object" && typeof obj !== "function") {\n    return { default: obj }; \n  }\n  var cache = _getRequireWildcardCache();\n  if (cache && cache.has(obj)) {\n    return cache.get(obj);\n  }\n  var newObj = {};\n  var hasPropertyDescriptor =\nObject.defineProperty && Object.getOwnPropertyDescriptor;\n  for (var key in obj) {\n    if\n    (Object.prototype.hasOwnProperty.call(obj, key)) {\n      var desc = hasPropertyDescriptor ?\nObject.getOwnPropertyDescriptor(obj, key) : null;\n      if (desc && (desc.get || desc.set)) {\n        Object.defineProperty(newObj, key, desc);\n      }\n    }\n  }\n  newObj.default = obj;\n  if (cache) {\n    cache.set(obj, newObj);\n  }\n  return newObj;\n}\n\nfunction\n_interopRequireDefault(obj) {\n  return obj &&\nobj.__esModule ? obj : {\n  default: obj\n};\n}\n\n(0, _utils.default)("ArrayExpression", {\n  fields: {\n    elements: {\n      validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,\n_utils.assertNodeOrValueType)("null", "Expression", "SpreadElement"))),\n      default:\n!process.env.BABEL_TYPES_8_BREAKING ? [] : undefined\n    }\n  },\n  visitor: ["elements"],\n  aliases:\n["Expression"]\n});\n\n(0, _utils.default)("AssignmentExpression", {\n  fields: {\n    operator: {\n      validate:

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function () {
  if (!process.env.BABEL_TYPES_8_BREAKING) {
    return (0,
    _utils.assertValueType)("string");
  }
  const identifier = (0,
  _utils.assertOneOf(..._constants.ASSIGNMENT_OPERATORS);
  const pattern = (0,
  _utils.assertOneOf("="));
  return function (node, key, val) {
    const validator = (0,
    _is.default)("Pattern", node.left) ? pattern : identifier;
    validator(node, key, val);
  };
}

left: {
  validate: !process.env.BABEL_TYPES_8_BREAKING ? (0, _utils.assertNodeType)("LVal") : (0,
  _utils.assertNodeType)("Identifier", "MemberExpression", "ArrayPattern", "ObjectPattern");
  right: {
    validate: (0, _utils.assertNodeType)("Expression");
  }
  builder: ["operator", "left", "right"];
  visitor: ["left", "right"];
  aliases: ["Expression"];
}

(0, _utils.default)("BinaryExpression", {
  builder: ["operator", "left", "right"];
  fields: {
    operator: {
      validate: (0,
      _utils.assertOneOf(..._constants.BINARY_OPERATORS);
    }
    left: {
      validate: function () {
        const expression = (0, _utils.assertNodeType)("Expression");
        const inOp = (0,
        _utils.assertNodeType)("Expression", "PrivateName");

        const validator = function (node, key, val) {
          const validator = node.operator === "in" ? inOp : expression;
          validator(node, key, val);
        };

        validator.oneOfNodeTypes = ["Expression", "PrivateName"];
        return validator;
      };
    }
    right: {
      validate: (0, _utils.assertNodeType)("Expression");
    }
    visitor: ["left", "right"];
    aliases: ["Binary", "Expression"];
  }
}

(0, _utils.default)("InterpreterDirective", {
  builder: ["value"];
  fields: {
    value: {
      validate: (0, _utils.assertValueType)("string");
    }
  }
}

(0, _utils.default)("Directive", {
  visitor: ["value"];
  fields: {
    value: {
      validate: (0, _utils.assertNodeType)("DirectiveLiteral");
    }
  }
}

(0, _utils.default)("DirectiveLiteral", {
  builder: ["value"];
  fields: {
    value: {
      validate: (0,
      _utils.assertValueType)("string");
    }
  }
}

(0, _utils.default)("BlockStatement", {
  builder: ["body", "directives"];
  visitor: ["directives", "body"];
  fields: {
    directives: {
      validate: (0, _utils.chain)((0,
      _utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("Directive")));
    }
    default: [];
    body: {
      validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
      _utils.assertNodeType)("Statement")));
    }
    aliases: ["Scopable", "BlockParent", "Block", "Statement"];
  }
}

(0, _utils.default)("BreakStatement", {
  visitor: ["label"];
  fields: {
    label: {
      validate: (0, _utils.assertNodeType)("Identifier");
      optional: true;
    }
  }
  aliases: ["Statement", "Terminatorless", "CompletionStatement"];
}

(0, _utils.default)("CallExpression", {
  visitor: ["callee", "arguments", "typeParameters", "typeArguments"];
  builder: ["callee", "arguments"];
  aliases: ["Expression"];
  fields: Object.assign({
    callee: {
      validate: (0, _utils.assertNodeType)("Expression", "V8IntrinsicIdentifier");
    }
    arguments: {
      validate: (0, _utils.chain)((0,
      _utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("Expression", "SpreadElement", "JSXNamespacedName", "ArgumentPlaceholder")));
    }
  },
  !process.env.BABEL_TYPES_8_BREAKING ? {
    optional: {
      validate: (0, _utils.assertOneOf)(true, false);
      optional: true;
    }
  } : {}, {
    typeArguments: {
      validate: (0,
      _utils.assertNodeType)("TypeParameterInstantiation");
      optional: true;
    }
    typeParameters: {
      validate: (0, _utils.assertNodeType)("TSTypeParameterInstantiation");
      optional: true;
    }
  });
}

(0, _utils.default)("CatchClause", {
  visitor: ["param", "body"];
  fields: {
    param: {
      validate: (0,
      _utils.assertNodeType)("Identifier", "ArrayPattern", "ObjectPattern");
      optional: true;
    }
    body: {
      validate: (0, _utils.assertNodeType)("BlockStatement");
    }
    aliases: ["Scopable", "BlockParent"];
  }
}

(0, _utils.default)("ConditionalExpression", {
  visitor: ["test", "consequent", "alternate"];
  fields: {
    test: {
      validate: (0, _utils.assertNodeType)("Expression");
    }
    consequent: {
      validate: (0, _utils.assertNodeType)("Expression");
    }
    alternate: {
      validate: (0,
      _utils.assertNodeType)("Expression");
    }
    aliases: ["Expression", "Conditional"];
  }
}

(0, _utils.default)("ContinueStatement", {
  visitor: ["label"];
  fields: {
    label: {
      validate: (0,
      _utils.assertNodeType)("Identifier");
      optional: true;
    }
  }
  aliases: ["Statement", "Terminatorless", "CompletionStatement"];
}

(0, _utils.default)("DebuggerStatement", {
  aliases: ["Statement"];
}

(0, _utils.default)("DoWhileStatement", {
  visitor: ["test", "body"];
  fields: {
    test: {
      validate: (0,

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_utils.assertNodeType)("Expression")\n }},\n body: {\n validate: (0, _utils.assertNodeType)("Statement")\n }\n },\n aliases: ["Statement", "BlockParent", "Loop", "While", "Scopable"]\n});\n(0, _utils.default)("EmptyStatement", {\n aliases: ["Statement"]\n});\n(0, _utils.default)("ExpressionStatement", {\n visitor: ["expression"],\n fields: {\n expression: {\n validate: (0, _utils.assertNodeType)("Expression")\n }},\n aliases: ["Statement", "ExpressionWrapper"]\n});\n(0, _utils.default)("File", {\n builder: ["program", "comments", "tokens"],\n visitor: ["program"],\n fields: {\n program: {\n validate: (0, _utils.assertNodeType)("Program")\n },\n comments: {\n validate: !process.env.BABEL_TYPES_8_BREAKING ? Object.assign(=> {}, {\n each: {\n oneOfNodeTypes: ["CommentBlock", "CommentLine"]\n }): (0, _utils.assertEach)((0, _utils.assertNodeType)("CommentBlock", "CommentLine")),\n optional: true\n },\n tokens: {\n validate: (0, _utils.assertEach)(Object.assign(=> {}, {\n type: "any"\n })),\n optional: true\n }\n }\n});\n(0, _utils.default)("ForInStatement", {\n visitor: ["left", "right", "body"],\n aliases: ["Scopable", "Statement", "For", "BlockParent", "Loop", "ForXStatement"],\n fields: {\n left: {\n validate: !process.env.BABEL_TYPES_8_BREAKING ? (0, _utils.assertNodeType)("VariableDeclaration", "LVal") : (0, _utils.assertNodeType)("VariableDeclaration", "Identifier", "MemberExpression", "ArrayPattern", "ObjectPattern")\n },\n right: {\n validate: (0, _utils.assertNodeType)("Expression")\n },\n body: {\n validate: (0, _utils.assertNodeType)("Statement")\n }\n }\n});\n(0, _utils.default)("ForStatement", {\n visitor: ["init", "test", "update", "body"],\n aliases: ["Scopable", "Statement", "For", "BlockParent", "Loop"],\n fields: {\n init: {\n validate: (0, _utils.assertNodeType)("VariableDeclaration", "Expression"),\n optional: true\n },\n test: {\n validate: (0, _utils.assertNodeType)("Expression"),\n optional: true\n },\n update: {\n validate: (0, _utils.assertNodeType)("Expression"),\n optional: true\n },\n body: {\n validate: (0, _utils.assertNodeType)("Statement")\n }\n }\n});\nconst functionCommon = {\n params: {\n validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("Identifier", "Pattern", "RestElement", "TSPParameterProperty")))\n },\n generator: {\n default: false\n },\n async: {\n default: false\n }\n};\nexports.functionCommon = functionCommon;\nconst functionTypeAnnotationCommon = {\n returnType: {\n validate: (0, _utils.assertNodeType)("TypeAnnotation", "TSTypeAnnotation", "Noop"),\n optional: true\n },\n typeParameters: {\n validate: (0, _utils.assertNodeType)("TypeParameterDeclaration", "TSTypeParameterDeclaration", "Noop"),\n optional: true\n }\n};\nexports.functionTypeAnnotationCommon = functionTypeAnnotationCommon;\nconst functionDeclarationCommon = Object.assign({}, functionCommon, {\n declare: {\n validate: (0, _utils.assertValueType)("boolean"),\n optional: true\n },\n id: {\n validate: (0, _utils.assertNodeType)("Identifier"),\n optional: true\n }\n});\nexports.functionDeclarationCommon = functionDeclarationCommon;\n(0, _utils.default)("FunctionDeclaration", {\n builder: ["id", "params", "body", "generator", "async"],\n visitor: ["id", "params", "body", "returnType", "typeParameters"],\n fields: Object.assign({}, functionDeclarationCommon, functionTypeAnnotationCommon, {\n body: {\n validate: (0, _utils.assertNodeType)("BlockStatement")\n }\n },\n aliases: ["Scopable", "Function", "BlockParent", "FunctionParent", "Statement", "Pureish", "Declaration"],\n validate: function () {\n if (!process.env.BABEL_TYPES_8_BREAKING) return () => {};\n const identifier = (0, _utils.assertNodeType)("Identifier");\n return function (parent, key, node) {\n if (!(0, _is.default)("ExportDefaultDeclaration", parent)) {\n identifier(node, "id", node.id);\n }\n }\n});\n(0, _utils.default)("FunctionExpression", {\n inherits: "FunctionDeclaration",\n aliases: ["Scopable", "Function", "BlockParent", "FunctionParent", "Expression", "Pureish"],\n fields: Object.assign({}, functionCommon, functionTypeAnnotationCommon, {\n id: {\n validate: (0, _utils.assertNodeType)("Identifier"),\n optional: true\n },\n body: {\n validate: (0, _utils.assertNodeType)("BlockStatement")\n }\n }\n});\nconst patternLikeCommon = {\n typeAnnotation: {\n validate: (0, _utils.assertNodeType)("TypeAnnotation", "TSTypeAnnotation", "Noop"),\n optional: true\n },\n decorators: {\n validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("Decorator")))\n }\n};\nexports.patternLikeCommon = patternLikeCommon;\n(0, _utils.default)("Identifier", {\n builder: ["name"],\n visitor: ["typeAnnotation", "decorators"],\n aliases:

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["Expression", "PatternLike", "LVal", "TSEntityName"],\n fields: Object.assign({}, patternLikeCommon, {\n
name: {\n validate: (0, _utils.chain)((0, _utils.assertValueType)("string"), Object.assign(function (node, key,
val) {\n if (!process.env.BABEL_TYPES_8_BREAKING) return;\n\n if (!(0,
_isValidIdentifier.default)(val, false)) {\n throw new TypeError(`"${val}" is not a valid identifier name`);\n
}\n }, {\n type: "string"\n })),\n },\n optional: {\n validate: (0,
_utils.assertValueType)("boolean"),\n optional: true\n }\n }},\n\n validate(parent, key, node) {\n if
(!process.env.BABEL_TYPES_8_BREAKING) return;\n const match = /\.(\\w+)\$/ .exec(key);\n if (!match)
return;\n const [, parentKey] = match;\n const nonComp = {\n computed: false\n }; \n\n if (parentKey ===
"property") {\n if ((0, _is.default)("MemberExpression", parent, nonComp)) return;\n if ((0,
_is.default)("OptionalMemberExpression", parent, nonComp)) return;\n } else if (parentKey === "key") {\n
if ((0, _is.default)("Property", parent, nonComp)) return;\n if ((0, _is.default)("Method", parent, nonComp))
return;\n } else if (parentKey === "exported") {\n if ((0, _is.default)("ExportSpecifier", parent)) return;\n }
else if (parentKey === "imported") {\n if ((0, _is.default)("ImportSpecifier", parent, {\n imported: node\n
})) return;\n } else if (parentKey === "meta") {\n if ((0, _is.default)("MetaProperty", parent, {\n meta:
node\n })) return;\n }\n\n if (((0, _helperValidatorIdentifier.isKeyword)(node.name) || (0,
_helperValidatorIdentifier.isReservedWord)(node.name)) && node.name !== "this") {\n throw new
TypeError(`"${node.name}" is not a valid identifier`);\n }\n }));\n(0, _utils.default)("IfStatement", {\n
visitor: ["test", "consequent", "alternate"],\n aliases: ["Statement", "Conditional"],\n fields: {\n test: {\n
validate: (0, _utils.assertNodeType)("Expression")\n },\n consequent: {\n validate: (0,
_utils.assertNodeType)("Statement")\n },\n alternate: {\n optional: true,\n validate: (0,
_utils.assertNodeType)("Statement")\n }\n }));\n(0, _utils.default)("LabeledStatement", {\n visitor:
["label", "body"],\n aliases: ["Statement"],\n fields: {\n label: {\n validate: (0,
_utils.assertNodeType)("Identifier")\n },\n body: {\n validate: (0, _utils.assertNodeType)("Statement")\n
}\n }));\n(0, _utils.default)("StringLiteral", {\n builder: ["value"],\n fields: {\n value: {\n validate: (0,
_utils.assertValueType)("string")\n }\n },\n aliases: ["Expression", "Pureish", "Literal",
"Immutable"]});\n(0, _utils.default)("NumericLiteral", {\n builder: ["value"],\n deprecatedAlias:
"NumberLiteral",\n fields: {\n value: {\n validate: (0, _utils.assertValueType)("number")\n }\n },\n
aliases: ["Expression", "Pureish", "Literal", "Immutable"]});\n(0, _utils.default)("NullLiteral", {\n aliases:
["Expression", "Pureish", "Literal", "Immutable"]});\n(0, _utils.default)("BooleanLiteral", {\n builder:
["value"],\n fields: {\n value: {\n validate: (0, _utils.assertValueType)("boolean")\n }\n }},\n aliases:
["Expression", "Pureish", "Literal", "Immutable"]});\n(0, _utils.default)("RegExpLiteral", {\n builder:
["pattern", "flags"],\n deprecatedAlias: "RegexLiteral",\n aliases: ["Expression", "Pureish", "Literal"],\n
fields: {\n pattern: {\n validate: (0, _utils.assertValueType)("string")\n },\n flags: {\n validate: (0,
_utils.chain)((0, _utils.assertValueType)("string"), Object.assign(function (node, key, val) {\n if
(!process.env.BABEL_TYPES_8_BREAKING) return;\n\n const invalid = /^[gimsuy]/.exec(val);\n\n if
(invalid) {\n throw new TypeError(`"${invalid[0]}" is not a valid RegExp flag`);\n }\n }, {\n
type: "string"\n })),\n default: ""\n }\n }));\n(0, _utils.default)("LogicalExpression", {\n builder:
["operator", "left", "right"],\n visitor: ["left", "right"],\n aliases: ["Binary", "Expression"],\n fields: {\n
operator: {\n validate: (0, _utils.assertOneOf)(..._constants.LOGICAL_OPERATORS)\n },\n left: {\n
validate: (0, _utils.assertNodeType)("Expression")\n },\n right: {\n validate: (0,
_utils.assertNodeType)("Expression")\n }\n }));\n(0, _utils.default)("MemberExpression", {\n builder:
["object", "property", "computed", "optional"],\n visitor: ["object", "property"],\n aliases: ["Expression",
"LVal"],\n fields: Object.assign({\n object: {\n validate: (0, _utils.assertNodeType)("Expression")\n },\n
property: {\n validate: function () {\n const normal = (0, _utils.assertNodeType)("Identifier",
"PrivateName");\n\n const computed = (0, _utils.assertNodeType)("Expression");\n\n const validator =
function (node, key, val) {\n const validator = node.computed ? computed : normal;\n validator(node,
key, val);\n }; \n\n validator.oneOfNodeTypes = ["Expression", "Identifier", "PrivateName"]; \n\n
return validator;\n }()\n },\n computed: {\n default: false\n }\n }},

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!process.env.BABEL_TYPES_8_BREAKING ? {\n  optional: {\n    validate: (0, _utils.assertOneOf)(true,
false),\n    optional: true\n  }\n } : {})\n});\n(0, _utils.default)(\n  "NewExpression", {\n    inherits:
  "CallExpression"\n});\n(0, _utils.default)(\n  "Program", {\n    visitor: ["directives", "body"],\n    builder: ["body",
  "directives", "sourceType", "interpreter"],\n    fields: {\n      sourceFile: {\n        validate: (0,
_utils.assertValueType)("string")\n      },\n      sourceType: {\n        validate: (0, _utils.assertOneOf)("script",
"module"),\n        default: "script"\n      },\n      interpreter: {\n        validate: (0,
_utils.assertNodeType)("InterpreterDirective"),\n        default: null,\n        optional: true\n      },\n      directives: {\n
validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("Directive"))),\n        default: []\n      },\n      body: {\n        validate: (0, _utils.chain)((0,
_utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("Statement")))\n      }\n    },\n    aliases: ["Scopable", "BlockParent", "Block"]\n});\n(0, _utils.default)(\n  "ObjectExpression", {\n    visitor:
["properties"],\n    aliases: ["Expression"],\n    fields: {\n      properties: {\n        validate: (0, _utils.chain)((0,
_utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("ObjectMethod",
"ObjectProperty", "SpreadElement")))\n      }\n    }\n});\n(0, _utils.default)(\n  "ObjectMethod", {\n    builder:
["kind", "key", "params", "body", "computed", "generator", "async"],\n    fields: Object.assign({\n      functionCommon, functionTypeAnnotationCommon, {\n        kind: Object.assign({\n          validate: (0,
_utils.assertOneOf)("method", "get", "set")\n        }, !process.env.BABEL_TYPES_8_BREAKING ? {\n
default: "method"\n        } : {}),\n        computed: {\n          default: false\n        },\n        key: {\n          validate: function () {\n
const normal = (0, _utils.assertNodeType)("Identifier", "StringLiteral", "NumericLiteral");\n          const
computed = (0, _utils.assertNodeType)("Expression");\n          const validator = function (node, key, val) {\n
const validator = node.computed ? computed : normal;\n          validator(node, key, val);\n        };\n          return
validator.oneOfNodeTypes = ["Expression", "Identifier", "StringLiteral", "NumericLiteral"];\n          return
validator;\n        }()\n      },\n      decorators: {\n        validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0,
_utils.assertEach)((0, _utils.assertNodeType)("Decorator"))),\n        optional: true\n      },\n      body: {\n        validate:
(0, _utils.assertNodeType)("BlockStatement")\n      }\n    },\n    visitor: ["key", "params", "body", "decorators",
"returnType", "typeParameters"],\n    aliases: ["UserWhitespacable", "Function", "Scopable", "BlockParent",
"FunctionParent", "Method", "ObjectMember"]\n});\n(0, _utils.default)(\n  "ObjectProperty", {\n    builder:
["key", "value", "computed", "shorthand", ...(process.env.BABEL_TYPES_8_BREAKING ? ["decorators"]
: [])],\n    fields: {\n      computed: {\n        default: false\n      },\n      key: {\n        validate: function () {\n          const normal
= (0, _utils.assertNodeType)("Identifier", "StringLiteral", "NumericLiteral");\n          const computed = (0,
_utils.assertNodeType)("Expression");\n          const validator = function (node, key, val) {\n            const validator
= node.computed ? computed : normal;\n            validator(node, key, val);\n          };\n          return
validator.oneOfNodeTypes = ["Expression", "Identifier", "StringLiteral", "NumericLiteral"];\n          return
validator;\n        }()\n      },\n      value: {\n        validate: (0, _utils.assertNodeType)("Expression", "PatternLike")\n      },\n      shorthand: {\n        validate: (0, _utils.chain)((0, _utils.assertValueType)("boolean"), Object.assign(function
(node, key, val) {\n          if (!process.env.BABEL_TYPES_8_BREAKING) return;\n          if (val &&
node.computed) {\n            throw new TypeError("Property shorthand of ObjectProperty cannot be true if computed
is true");\n          }\n        }, {\n          type: "boolean"\n        })), function (node, key, val) {\n          if
(!process.env.BABEL_TYPES_8_BREAKING) return;\n          if (val && !(0, _is.default)("Identifier",
node.key)) {\n            throw new TypeError("Property shorthand of ObjectProperty cannot be true if key is not an
Identifier");\n          }\n        },\n        default: false\n      },\n      decorators: {\n        validate: (0, _utils.chain)((0,
_utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("Decorator"))),\n        optional:
true\n      }\n    },\n    visitor: ["key", "value", "decorators"],\n    aliases: ["UserWhitespacable", "Property",
"ObjectMember"],\n    validate: function () {\n      const pattern = (0, _utils.assertNodeType)("Identifier",
"Pattern");\n      const expression = (0, _utils.assertNodeType)("Expression");\n      return function (parent, key,
node) {\n        if (!process.env.BABEL_TYPES_8_BREAKING) return;\n        const validator = (0,
_is.default)("ObjectPattern", parent) ? pattern : expression;\n        validator(node, "value", node.value);\n      };\n    }
());\n(0, _utils.default)(\n  "RestElement", {\n    visitor: ["argument", "typeAnnotation"],\n    builder:

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["argument"],\n aliases: ["LVal", "PatternLike"],\n deprecatedAlias: "RestProperty",\n fields:
Object.assign({}, patternLikeCommon, {\n argument: {\n validate:
!process.env.BABEL_TYPES_8_BREAKING ? (0, _utils.assertNodeType)("LVal") : (0,
_utils.assertNodeType)("Identifier", "Pattern", "MemberExpression")\n }
}),\n\n validate(parent, key) {\n
if (!process.env.BABEL_TYPES_8_BREAKING) return;\n const match = /(\\w+)\\[(\\d+)\\]/.exec(key);\n if
(!match) throw new Error("Internal Babel error: malformed key.");\n const [, listKey, index] = match;\n\n if
(parent[listKey].length > index + 1) {\n throw new TypeError("RestElement must be last element of
${listKey}");\n }
}\n\n});\n(0, _utils.default)("ReturnStatement", {\n visitor: ["argument"],\n aliases:
["Statement", "Terminatorless", "CompletionStatement"],\n fields: {\n argument: {\n validate: (0,
_utils.assertNodeType)("Expression"),\n optional: true\n }
}\n});\n(0,
_utils.default)("SequenceExpression", {\n visitor: ["expressions"],\n fields: {\n expressions: {\n validate:
(0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("Expression")))\n }
}\n },\n aliases: ["Expression"]\n});\n(0,
_utils.default)("ParenthesizedExpression", {\n visitor: ["expression"],\n aliases: ["Expression",
"ExpressionWrapper"],\n fields: {\n expression: {\n validate: (0, _utils.assertNodeType)("Expression")\n }
}\n });\n(0, _utils.default)("SwitchCase", {\n visitor: ["test", "consequent"],\n fields: {\n test: {\n
validate: (0, _utils.assertNodeType)("Expression"),\n optional: true\n },\n consequent: {\n validate: (0,
_utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("Statement")))\n }
}\n });\n(0, _utils.default)("SwitchStatement", {\n visitor:
["discriminant", "cases"],\n aliases: ["Statement", "BlockParent", "Scopable"],\n fields: {\n discriminant:
{\n validate: (0, _utils.assertNodeType)("Expression")\n },\n cases: {\n validate: (0, _utils.chain)((0,
_utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("SwitchCase")))\n }
}\n });\n(0, _utils.default)("ThisExpression", {\n aliases: ["Expression"]\n});\n(0,
_utils.default)("ThrowStatement", {\n visitor: ["argument"],\n aliases: ["Statement", "Terminatorless",
"CompletionStatement"],\n fields: {\n argument: {\n validate: (0, _utils.assertNodeType)("Expression")\n }
}\n });\n(0, _utils.default)("TryStatement", {\n visitor: ["block", "handler", "finalizer"],\n aliases:
["Statement"],\n fields: {\n block: {\n validate: (0, _utils.chain)((0,
_utils.assertNodeType)("BlockStatement"), Object.assign(function (node) {\n if
(!process.env.BABEL_TYPES_8_BREAKING) return;\n if (!node.handler && !node.finalizer) {\n
throw new TypeError("TryStatement expects either a handler or finalizer, or both");\n }
}\n },\n\n oneOfNodeTypes: ["BlockStatement"]\n }
}),\n\n handler: {\n optional: true,\n validate: (0,
_utils.assertNodeType)("CatchClause")\n },\n\n finalizer: {\n optional: true,\n validate: (0,
_utils.assertNodeType)("BlockStatement")\n }
}\n });\n(0, _utils.default)("UnaryExpression", {\n builder:
["operator", "argument", "prefix"],\n fields: {\n prefix: {\n default: true\n },\n argument: {\n
validate: (0, _utils.assertNodeType)("Expression")\n },\n operator: {\n validate: (0,
_utils.assertOneOf(..._constants.UNARY_OPERATORS)\n }
}\n },\n\n visitor: ["argument"],\n aliases:
["UnaryLike", "Expression"]\n});\n(0, _utils.default)("UpdateExpression", {\n builder: ["operator",
"argument", "prefix"],\n fields: {\n prefix: {\n default: false\n },\n argument: {\n validate:
!process.env.BABEL_TYPES_8_BREAKING ? (0, _utils.assertNodeType)("Expression") : (0,
_utils.assertNodeType)("Identifier", "MemberExpression")\n },\n operator: {\n validate: (0,
_utils.assertOneOf(..._constants.UPDATE_OPERATORS)\n }
}\n },\n\n visitor: ["argument"],\n aliases:
["Expression"]\n});\n(0, _utils.default)("VariableDeclaration", {\n builder: ["kind", "declarations"],\n visitor:
["declarations"],\n aliases: ["Statement", "Declaration"],\n fields: {\n declare: {\n validate: (0,
_utils.assertValueType)("boolean"),\n optional: true\n },\n kind: {\n validate: (0,
_utils.assertOneOf("var", "let", "const")\n }
}\n },\n\n declarations: {\n validate: (0, _utils.chain)((0,
_utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("VariableDeclarator")))\n }
}\n },\n\n validate(parent, key, node) {\n if (!process.env.BABEL_TYPES_8_BREAKING) return;\n if (!(0,
_is.default)("ForXStatement", parent, {\n left: node\n }
)) return;\n\n if (node.declarations.length !== 1) {\n

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throw new TypeError(`Exactly one VariableDeclarator is required in the VariableDeclaration of a
${parent.type}`);
}
}
}
};
(0, _utils.default)(`VariableDeclarator`, {
  visitor: [
    `id`,
    `init`,
  ],
  fields: {
    id: {
      validate: function () {
        if (!process.env.BABEL_TYPES_8_BREAKING) {
          return (0, _utils.assertNodeType)(`LVal`);
        }
        const normal = (0, _utils.assertNodeType)(`Identifier`, `ArrayPattern`, `ObjectPattern`);
        const without = (0, _utils.assertNodeType)(`Identifier`);
        return function (node, key, val) {
          const validator = node.init ? normal : without;
          validator(node, key, val);
        };
      },
      optional: true,
      validate: (0, _utils.assertValueType)(`boolean`),
    },
    init: {
      optional: true,
      validate: (0, _utils.assertNodeType)(`Expression`),
    },
  },
});
(0, _utils.default)(`WhileStatement`, {
  visitor: [
    `test`,
    `body`,
  ],
  aliases: [
    `Statement`,
    `BlockParent`,
    `Loop`,
    `While`,
    `Scopable`,
  ],
  fields: {
    test: {
      validate: (0, _utils.assertNodeType)(`Expression`),
    },
    body: {
      validate: (0, _utils.assertNodeType)(`Statement`),
    },
  },
});
(0, _utils.default)(`WithStatement`, {
  visitor: [
    `object`,
    `body`,
  ],
  aliases: [
    `Statement`,
  ],
  fields: {
    object: {
      validate: (0, _utils.assertNodeType)(`Expression`),
    },
    body: {
      validate: (0, _utils.assertNodeType)(`Statement`),
    },
  },
});
(0, _utils.default)(`AssignmentPattern`, {
  visitor: [
    `left`,
    `right`,
    `decorators`,
  ],
  builder: [
    `left`,
    `right`,
  ],
  aliases: [
    `Pattern`,
    `PatternLike`,
    `LVal`,
  ],
  fields: Object.assign(
    {},
    patternLikeCommon,
    {
      left: {
        validate: (0, _utils.assertNodeType)(`Identifier`, `ObjectPattern`, `ArrayPattern`, `MemberExpression`),
      },
      right: {
        validate: (0, _utils.assertNodeType)(`Expression`),
      },
      decorators: {
        validate: (0, _utils.chain)(
          (0, _utils.assertValueType)(`array`),
          (0, _utils.assertEach)(
            (0, _utils.assertNodeType)(`Decorator`),
          ),
        ),
        optional: true,
      },
    },
  ),
});
(0, _utils.default)(`ArrayPattern`, {
  visitor: [
    `elements`,
    `typeAnnotation`,
  ],
  builder: [
    `elements`,
  ],
  aliases: [
    `Pattern`,
    `PatternLike`,
    `LVal`,
  ],
  fields: Object.assign(
    {},
    patternLikeCommon,
    {
      elements: {
        validate: (0, _utils.chain)(
          (0, _utils.assertValueType)(`array`),
          (0, _utils.assertEach)(
            (0, _utils.assertNodeOrValueType)(
              `null`,
              `PatternLike`,
            ),
          ),
        ),
        decorators: {
          validate: (0, _utils.chain)(
            (0, _utils.assertValueType)(`array`),
            (0, _utils.assertEach)(
              (0, _utils.assertNodeType)(`Decorator`),
            ),
          ),
          optional: true,
        },
      },
    },
  ),
});
(0, _utils.default)(`ArrowFunctionExpression`, {
  builder: [
    `params`,
    `body`,
    `async`,
  ],
  visitor: [
    `params`,
    `body`,
    `returnType`,
    `typeParameters`,
  ],
  aliases: [
    `Scopable`,
    `Function`,
    `BlockParent`,
    `FunctionParent`,
    `Expression`,
    `Pureish`,
  ],
  fields: Object.assign(
    {},
    functionCommon,
    functionTypeAnnotationCommon,
    {
      expression: {
        validate: (0, _utils.assertValueType)(`boolean`),
      },
      body: {
        validate: (0, _utils.assertNodeType)(`BlockStatement`, `Expression`),
      },
    },
  ),
});
(0, _utils.default)(`ClassBody`, {
  visitor: [
    `body`,
  ],
  fields: {
    body: {
      validate: (0, _utils.chain)(
        (0, _utils.assertValueType)(`array`),
        (0, _utils.assertEach)(
          (0, _utils.assertNodeType)(
            `ClassMethod`,
            `ClassPrivateMethod`,
            `ClassProperty`,
            `ClassPrivateProperty`,
            `TSDeclareMethod`,
            `TSIndexSignature`,
          ),
        ),
      ),
    },
  },
});
(0, _utils.default)(`ClassExpression`, {
  builder: [
    `id`,
    `superClass`,
    `body`,
    `decorators`,
  ],
  visitor: [
    `id`,
    `body`,
    `superClass`,
    `mixins`,
    `typeParameters`,
    `superTypeParameters`,
    `implements`,
    `decorators`,
  ],
  aliases: [
    `Scopable`,
    `Class`,
    `Expression`,
  ],
  fields: {
    id: {
      validate: (0, _utils.assertNodeType)(`Identifier`),
      optional: true,
    },
    typeParameters: {
      validate: (0, _utils.assertNodeType)(`TypeParameterDeclaration`, `TSTypeParameterDeclaration`, `Noop`),
      optional: true,
    },
    body: {
      validate: (0, _utils.assertNodeType)(`ClassBody`),
    },
    superClass: {
      optional: true,
      validate: (0, _utils.assertNodeType)(`Expression`),
    },
    superTypeParameters: {
      validate: (0, _utils.assertNodeType)(`TypeParameterInstantiation`, `TSTypeParameterInstantiation`),
      optional: true,
    },
    implements: {
      validate: (0, _utils.chain)(
        (0, _utils.assertValueType)(`array`),
        (0, _utils.assertEach)(
          (0, _utils.assertNodeType)(
            `TSExpressionWithTypeArguments`,
            `ClassImplements`,
          ),
        ),
      ),
      optional: true,
    },
    decorators: {
      validate: (0, _utils.chain)(
        (0, _utils.assertValueType)(`array`),
        (0, _utils.assertEach)(
          (0, _utils.assertNodeType)(`Decorator`),
        ),
      ),
      optional: true,
    },
    mixins: {
      validate: (0, _utils.assertNodeType)(`InterfaceExtends`),
      optional: true,
    },
  },
});
(0, _utils.default)(`ClassDeclaration`, {
  inherits: `ClassExpression`,
  aliases: [
    `Scopable`,
    `Class`,
    `Statement`,
    `Declaration`,
  ],
  fields: {
    id: {
      validate: (0, _utils.assertNodeType)(`Identifier`),
    },
  },
});

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typeParameters: {\n  validate: (0, _utils.assertNodeType)("TypeParameterDeclaration",
\'TSTypeParameterDeclaration\', \'Noop\'),\n  optional: true\n },\n  body: {\n  validate: (0,
_utils.assertNodeType)("ClassBody")\n },\n  superClass: {\n  optional: true,\n  validate: (0,
_utils.assertNodeType)("Expression")\n },\n  superTypeParameters: {\n  validate: (0,
_utils.assertNodeType)("TypeParameterInstantiation", \'TSTypeParameterInstantiation\'),\n  optional: true\n
},\n  implements: {\n  validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("TSExpressionWithTypeArguments", \'ClassImplements\'))),\n  optional: true\n },\n
decorators: {\n  validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("Decorator"))),\n  optional: true\n },\n  mixins: {\n  validate: (0,
_utils.assertNodeType)("InterfaceExtends"),\n  optional: true\n },\n  declare: {\n  validate: (0,
_utils.assertValueType)("boolean"),\n  optional: true\n },\n  abstract: {\n  validate: (0,
_utils.assertValueType)("boolean"),\n  optional: true\n }\n },\n  validate: function () {\n  const identifier = (0,
_utils.assertNodeType)("Identifier");\n  return function (parent, key, node) {\n  if
(!process.env.BABEL_TYPES_8_BREAKING) return;\n\n  if (!(0, _is.default)("ExportDefaultDeclaration",
parent)) {\n  identifier(node, \'id\', node.id);\n  }\n  }\n  }()\n});\n(0,
_utils.default)("ExportAllDeclaration", {\n  visitor: ["source"],\n  aliases: ["Statement", \'Declaration\',
\'ModuleDeclaration\', \'ExportDeclaration'],\n  fields: {\n  source: {\n  validate: (0,
_utils.assertNodeType)("StringLiteral")\n },\n  assertions: {\n  optional: true,\n  validate: (0,
_utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertNodeType)("ImportAttribute"))\n }
}\n});\n(0, _utils.default)("ExportDefaultDeclaration", {\n  visitor: ["declaration"],\n  aliases: ["Statement",
\'Declaration\', \'ModuleDeclaration\', \'ExportDeclaration'],\n  fields: {\n  declaration: {\n  validate: (0,
_utils.assertNodeType)("FunctionDeclaration", \'TSDeclareFunction\', \'ClassDeclaration\', \'Expression')
}\n }\n});\n(0, _utils.default)("ExportNamedDeclaration", {\n  visitor: ["declaration", \'specifiers\',
\'source'],\n  aliases: ["Statement", \'Declaration\', \'ModuleDeclaration\', \'ExportDeclaration'],\n  fields: {\n
declaration: {\n  optional: true,\n  validate: (0, _utils.chain)((0, _utils.assertNodeType)("Declaration"),
Object.assign(function (node, key, val) {\n  if (!process.env.BABEL_TYPES_8_BREAKING) return;\n\n  if
(val && node.specifiers.length) {\n  throw new TypeError("Only declaration or specifiers is allowed on
ExportNamedDeclaration");\n  }\n  }, {\n  oneOfNodeTypes: ["Declaration"]\n })), function (node,
key, val) {\n  if (!process.env.BABEL_TYPES_8_BREAKING) return;\n\n  if (val && node.source) {\n
throw new TypeError("Cannot export a declaration from a source");\n  }\n  }\n }},\n  assertions: {\n
optional: true,\n  validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0,
_utils.assertNodeType)("ImportAttribute"))\n },\n  specifiers: {\n  default: [],\n  validate: (0,
_utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)(function () {\n  const sourced = (0,
_utils.assertNodeType)("ExportSpecifier", \'ExportDefaultSpecifier\', \'ExportNamespaceSpecifier');\n
const sourceless = (0, _utils.assertNodeType)("ExportSpecifier");\n  if
(!process.env.BABEL_TYPES_8_BREAKING) return sourced;\n  return function (node, key, val) {\n
const validator = node.source ? sourced : sourceless;\n  validator(node, key, val);\n  }\n }()),\n },\n
source: {\n  validate: (0, _utils.assertNodeType)("StringLiteral"),\n  optional: true\n },\n  exportKind: (0,
_utils.validateOptional)((0, _utils.assertOneOf)("type", \'value'))\n }\n});\n(0, _utils.default)("ExportSpecifier",
{\n  visitor: ["local", \'exported'],\n  aliases: ["ModuleSpecifier"],\n  fields: {\n  local: {\n  validate: (0,
_utils.assertNodeType)("Identifier")\n },\n  exported: {\n  validate: (0, _utils.assertNodeType)("Identifier",
\'StringLiteral')\n }\n }\n});\n(0, _utils.default)("ForOfStatement", {\n  visitor: ["left", \'right\', \'body'],\n
builder: ["left", \'right\', \'body\', \'await'],\n  aliases: ["Scopable", \'Statement\', \'For\', \'BlockParent\',
\'Loop\', \'ForXStatement'],\n  fields: {\n  left: {\n  validate: function () {\n  if
(!process.env.BABEL_TYPES_8_BREAKING) {\n  return (0, _utils.assertNodeType)("VariableDeclaration",
\'LVal");\n  }\n  }\n  }\n  const declaration = (0, _utils.assertNodeType)("VariableDeclaration");\n  const lval
= (0, _utils.assertNodeType)("Identifier", \'MemberExpression\', \'ArrayPattern\', \'ObjectPattern');\n  return
function (node, key, val) {\n  if ((0, _is.default)("VariableDeclaration", val)) {\n  declaration(node, key,

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val);\n      } else {\n        lval(node, key, val);\n      }\n    });\n  },\n  right: {\n    validate: (0,\n    _utils.assertNodeType)("Expression")\n  },\n  body: {\n    validate: (0, _utils.assertNodeType)("Statement")\n  },\n  await: {\n    default: false\n  }\n});\n(0, _utils.default)("ImportDeclaration", {\n  visitor:\n  ["specifiers", "source"],\n  aliases: ["Statement", "Declaration", "ModuleDeclaration"],\n  fields: {\n    assertions: {\n      optional: true,\n      validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0,\n      _utils.assertNodeType)("ImportAttribute"))\n    },\n    specifiers: {\n      validate: (0, _utils.chain)((0,\n      _utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("ImportSpecifier",\n      "ImportDefaultSpecifier", "ImportNamespaceSpecifier"))\n    },\n    source: {\n      validate: (0,\n      _utils.assertNodeType)("StringLiteral")\n    },\n    importKind: {\n      validate: (0, _utils.assertOneOf)("type",\n      "typeof", "value"),\n      optional: true\n    }\n  });\n(0, _utils.default)("ImportDefaultSpecifier", {\n  visitor:\n  ["local"],\n  aliases: ["ModuleSpecifier"],\n  fields: {\n    local: {\n      validate: (0,\n      _utils.assertNodeType)("Identifier")\n    }\n  });\n(0, _utils.default)("ImportNamespaceSpecifier", {\n  visitor:\n  ["local"],\n  aliases: ["ModuleSpecifier"],\n  fields: {\n    local: {\n      validate: (0,\n      _utils.assertNodeType)("Identifier")\n    }\n  });\n(0, _utils.default)("ImportSpecifier", {\n  visitor: ["local",\n  "imported"],\n  aliases: ["ModuleSpecifier"],\n  fields: {\n    local: {\n      validate: (0,\n      _utils.assertNodeType)("Identifier")\n    },\n    imported: {\n      validate: (0, _utils.assertNodeType)("Identifier",\n      "StringLiteral")\n    },\n    importKind: {\n      validate: (0, _utils.assertOneOf)("type", "typeof"),\n      optional:\n      true\n    }\n  });\n(0, _utils.default)("MetaProperty", {\n  visitor: ["meta", "property"],\n  aliases:\n  ["Expression"],\n  fields: {\n    meta: {\n      validate: (0, _utils.chain)((0, _utils.assertNodeType)("Identifier"),\n      Object.assign(function (node, key, val) {\n        if (!process.env.BABEL_TYPES_8_BREAKING) return;\n        let\n        property;\n\n        switch (val.name) {\n          case "function":\n            property = "sent";\n            break;\n\n          case "new":\n            property = "target";\n            break;\n\n          case "import":\n            property = "meta";\n            break;\n        }\n\n        if (!(0, _is.default)("Identifier", node.property, {\n          name: property\n        })) {\n          throw new TypeError("Unrecognised MetaProperty");\n        }\n      }, {\n        oneOfNodeTypes:\n        ["Identifier"]\n      })\n    },\n    property: {\n      validate: (0, _utils.assertNodeType)("Identifier")\n    }\n  });\nconst classMethodOrPropertyCommon = {\n  abstract: {\n    validate: (0,\n    _utils.assertValueType)("boolean"),\n    optional: true\n  },\n  accessibility: {\n    validate: (0,\n    _utils.assertOneOf)("public", "private", "protected"),\n    optional: true\n  },\n  static: {\n    default: false\n  },\n  computed: {\n    default: false\n  },\n  optional: {\n    validate: (0, _utils.assertValueType)("boolean"),\n    optional:\n    true\n  },\n  key: {\n    validate: (0, _utils.chain)(function () {\n      const normal = (0,\n      _utils.assertNodeType)("Identifier", "StringLiteral", "NumericLiteral");\n      const computed = (0,\n      _utils.assertNodeType)("Expression");\n      return function (node, key, val) {\n        const validator =\n        node.computed ? computed : normal;\n        validator(node, key, val);\n      }; \n    }, (0,\n    _utils.assertNodeType)("Identifier", "StringLiteral", "NumericLiteral", "Expression"))\n  }\n};\nexports.classMethodOrPropertyCommon = classMethodOrPropertyCommon;\nconst\n  classMethodOrDeclareMethodCommon = Object.assign({}, functionCommon, classMethodOrPropertyCommon,\n  {\n    kind: {\n      validate: (0, _utils.assertOneOf)("get", "set", "method", "constructor"),\n      default:\n      "method"\n    },\n    access: {\n      validate: (0, _utils.chain)((0, _utils.assertValueType)("string"), (0,\n      _utils.assertOneOf)("public", "private", "protected")),\n      optional: true\n    },\n    decorators: {\n      validate: (0,\n      _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,\n      _utils.assertNodeType)("Decorator"))),\n      optional: true\n    }\n  });\nexports.classMethodOrDeclareMethodCommon = classMethodOrDeclareMethodCommon;\n(0,\n  _utils.default)("ClassMethod", {\n  aliases: ["Function", "Scopable", "BlockParent", "FunctionParent",\n  "Method"],\n  builder: ["kind", "key", "params", "body", "computed", "static", "generator", "async"],\n  visitor: ["key", "params", "body", "decorators", "returnType", "typeParameters"],\n  fields:\n  Object.assign({}, classMethodOrDeclareMethodCommon, functionTypeAnnotationCommon, {\n    body: {\n      validate: (0, _utils.assertNodeType)("BlockStatement")\n    }\n  });\n(0, _utils.default)("ObjectPattern", {\n  visitor: ["properties", "typeAnnotation", "decorators"],\n  builder: ["properties"],\n  aliases: ["Pattern"],

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\PatternLike\", \"LVal\"),\n fields: Object.assign({}, patternLikeCommon, {\n properties: {\n validate: (0,
_utils.chain)((0, _utils.assertValueType)(\"array\"), (0, _utils.assertEach)((0,
_utils.assertNodeType)(\"RestElement\", \"ObjectProperty\")))\n }\n });\n(0,
_utils.default)(\"SpreadElement\", {\n visitor: [\"argument\"],\n aliases: [\"UnaryLike\"],\n deprecatedAlias:
\"SpreadProperty\", \n fields: {\n argument: {\n validate: (0, _utils.assertNodeType)(\"Expression\")\n }
\n });\n(0, _utils.default)(\"Super\", {\n aliases: [\"Expression\"]\n});\n(0,
_utils.default)(\"TaggedTemplateExpression\", {\n visitor: [\"tag\", \"quasi\"],\n aliases: [\"Expression\"],\n fields:
{\n tag: {\n validate: (0, _utils.assertNodeType)(\"Expression\")\n },\n quasi: {\n validate: (0,
_utils.assertNodeType)(\"TemplateLiteral\")\n },\n typeParameters: {\n validate: (0,
_utils.assertNodeType)(\"TypeParameterInstantiation\", \"TSTypeParameterInstantiation\"),\n optional: true\n
}\n });\n(0, _utils.default)(\"TemplateElement\", {\n builder: [\"value\", \"tail\"],\n fields: {\n value: {\n
validate: (0, _utils.assertShape)({\n raw: {\n validate: (0, _utils.assertValueType)(\"string\")\n },\n
cooked: {\n validate: (0, _utils.assertValueType)(\"string\"),\n optional: true\n }\n }},\n
tail: {\n default: false\n }\n });\n(0, _utils.default)(\"TemplateLiteral\", {\n visitor: [\"quasis\",
\"expressions\"],\n aliases: [\"Expression\", \"Literal\"],\n fields: {\n quasis: {\n validate: (0, _utils.chain)((0,
_utils.assertValueType)(\"array\"), (0, _utils.assertEach)((0, _utils.assertNodeType)(\"TemplateElement\")))\n },\n
expressions: {\n validate: (0, _utils.chain)((0, _utils.assertValueType)(\"array\"), (0, _utils.assertEach)((0,
_utils.assertNodeType)(\"Expression\", \"TSType\")), function (node, key, val) {\n if (node.quasis.length !==
val.length + 1) {\n throw new TypeError(`Number of ${node.type} quasis should be exactly one more than the
number of expressions.\\nExpected ${val.length + 1} quasis but got ${node.quasis.length}`);\n }\n })\n }
\n });\n(0, _utils.default)(\"YieldExpression\", {\n builder: [\"argument\", \"delegate\"],\n visitor: [\"argument\"],\n
aliases: [\"Expression\", \"Terminatorless\"],\n fields: {\n delegate: {\n validate: (0, _utils.chain)((0,
_utils.assertValueType)(\"boolean\"), Object.assign(function (node, key, val) {\n if
(!process.env.BABEL_TYPES_8_BREAKING) return;\n\n if (val && !node.argument) {\n throw new
TypeError(\"Property delegate of YieldExpression cannot be true if there is no argument\");\n }\n }, {\n
type: \"boolean\"\n })),\n default: false\n },\n argument: {\n optional: true,\n validate: (0,
_utils.assertNodeType)(\"Expression\")\n }\n });\n(0, _utils.default)(\"AwaitExpression\", {\n builder:
[\"argument\"],\n visitor: [\"argument\"],\n aliases: [\"Expression\", \"Terminatorless\"],\n fields: {\n argument:
{\n validate: (0, _utils.assertNodeType)(\"Expression\")\n }\n });\n(0, _utils.default)(\"Import\", {\n aliases:
[\"Expression\"]\n});\n(0, _utils.default)(\"BigIntLiteral\", {\n builder: [\"value\"],\n fields: {\n value: {\n
validate: (0, _utils.assertValueType)(\"string\")\n }\n },\n aliases: [\"Expression\", \"Pureish\", \"Literal\",
\"Immutable\"]\n});\n(0, _utils.default)(\"ExportNamespaceSpecifier\", {\n visitor: [\"exported\"],\n aliases:
[\"ModuleSpecifier\"],\n fields: {\n exported: {\n validate: (0, _utils.assertNodeType)(\"Identifier\")\n }
\n });\n(0, _utils.default)(\"OptionalMemberExpression\", {\n builder: [\"object\", \"property\", \"computed\",
\"optional\"],\n visitor: [\"object\", \"property\"],\n aliases: [\"Expression\"],\n fields: {\n object: {\n
validate: (0, _utils.assertNodeType)(\"Expression\")\n },\n property: {\n validate: function () {\n const normal =
(0, _utils.assertNodeType)(\"Identifier\");\n const computed = (0, _utils.assertNodeType)(\"Expression\");\n\n
const validator = function (node, key, val) {\n const validator = node.computed ? computed : normal;\n
validator(node, key, val);\n }\n\n validator.oneOfNodeTypes = [\"Expression\", \"Identifier\"];\n return
validator;\n }()\n },\n computed: {\n default: false\n },\n optional: {\n validate:
!process.env.BABEL_TYPES_8_BREAKING ? (0, _utils.assertValueType)(\"boolean\") : (0, _utils.chain)((0,
_utils.assertValueType)(\"boolean\"), (0, _utils.assertOptionalChainStart()))\n }\n });\n(0,
_utils.default)(\"OptionalCallExpression\", {\n visitor: [\"callee\", \"arguments\", \"typeParameters\",
\"typeArguments\"],\n builder: [\"callee\", \"arguments\", \"optional\"],\n aliases: [\"Expression\"],\n fields: {\n
callee: {\n validate: (0, _utils.assertNodeType)(\"Expression\")\n },\n arguments: {\n validate: (0,
_utils.chain)((0, _utils.assertValueType)(\"array\"), (0, _utils.assertEach)((0, _utils.assertNodeType)(\"Expression\",
\"SpreadElement\", \"JSXNamespacedName\")))\n },\n optional: {\n validate:
!process.env.BABEL_TYPES_8_BREAKING ? (0, _utils.assertValueType)(\"boolean\") : (0, _utils.chain)((0,

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_utils.assertValueType)("boolean"), (0, _utils.assertOptionalChainStart())\n },\n typeArguments: {\n
validate: (0, _utils.assertNodeType)("TypeParameterInstantiation"),\n optional: true\n },\n typeParameters:
{\n validate: (0, _utils.assertNodeType)("TSTypeParameterInstantiation"),\n optional: true\n }\n
});", "\nuse strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\nexports.default =
isType;\n\nvar _definitions = require("../definitions");\n\nfunction isType(nodeType, targetType) {\n if (nodeType
=== targetType) return true;\n if (_definitions.ALIAS_KEYS[targetType]) return false;\n const aliases =
_definitions.FLIPPED_ALIAS_KEYS[targetType];\n\n if (aliases) {\n if (aliases[0] === nodeType) return
true;\n\n for (const alias of aliases) {\n if (nodeType === alias) return true;\n }\n }\n\n return
false;\n }, "\nuse strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\nexports.default =
validate;\nexports.validateField = validateField;\nexports.validateChild = validateChild;\n\nvar _definitions =
require("../definitions");\n\nfunction validate(node, key, val) {\n if (!node) return;\n const fields =
_definitions.NODE_FIELDS[node.type];\n if (!fields) return;\n const field = fields[key];\n validateField(node,
key, val, field);\n validateChild(node, key, val);\n\nfunction validateField(node, key, val, field) {\n if (!field ===
null ? void 0 : field.validate)) return;\n if (field.optional && val == null) return;\n field.validate(node, key,
val);\n\nfunction validateChild(node, key, val) {\n if (val == null) return;\n const validate =
_definitions.NODE_PARENT_VALIDATIONS[val.type];\n if (!validate) return;\n validate(node, key,
val);\n }, "\nuse strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\nexports.default =
inherit;\n\nfunction inherit(key, child, parent) {\n if (child && parent) {\n child[key] = Array.from(new
Set([].concat(child[key], parent[key])).filter(Boolean));\n }\n }, "\nuse strict";\n\nObject.defineProperty(exports,
"__esModule", {\n value: true\n});\nexports.default = shallowEqual;\n\nfunction shallowEqual(actual, expected)
{\n const keys = Object.keys(expected);\n\n for (const key of keys) {\n if (actual[key] !== expected[key]) {\n
return false;\n }\n }\n\n return true;\n }, "\nuse strict";\n\nObject.defineProperty(exports, "__esModule", {\n
value: true\n});\nexports.classMethodOrDeclareMethodCommon = exports.classMethodOrPropertyCommon =
exports.patternLikeCommon = exports.functionDeclarationCommon = exports.functionTypeAnnotationCommon =
exports.functionCommon = void 0;\n\nvar _is = require("../validators/is");\n\nvar _isValidIdentifier =
require("../validators/isValidIdentifier");\n\nvar _helperValidatorIdentifier = require("@babel/helper-validator-
identifier");\n\nvar _constants = require("../constants");\n\nvar _utils = require("../utils");\n\n(0,
_utils.default)(\n"ArrayExpression", {\n fields: {\n elements: {\n validate: (0, _utils.chain)((0,
_utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeOrValueType)("null", "Expression",
"SpreadElement"))),\n default: !process.env.BABEL_TYPES_8_BREAKING ? [] : undefined\n }\n },\n
visitor: [{"elements"}],\n aliases: [{"Expression"}]\n});\n\n(0, _utils.default)(\n"AssignmentExpression", {\n fields: {\n
operator: {\n validate: function () {\n if (!process.env.BABEL_TYPES_8_BREAKING) {\n return (0,
_utils.assertValueType)("string");\n }\n\n const identifier = (0,
_utils.assertOneOf(..._constants.ASSIGNMENT_OPERATORS);\n const pattern = (0,
_utils.assertOneOf("="));\n return function (node, key, val) {\n const validator = (0,
_is.default)(\n"Pattern", node.left) ? pattern : identifier;\n validator(node, key, val);\n }; \n }()\n },\n
left: {\n validate: !process.env.BABEL_TYPES_8_BREAKING ? (0, _utils.assertNodeType)("LVal") : (0,
_utils.assertNodeType)("Identifier", "MemberExpression", "ArrayPattern", "ObjectPattern")\n },\n right:
{\n validate: (0, _utils.assertNodeType)("Expression")\n }\n },\n builder: [{"operator", "left", "right"}],\n
visitor: [{"left", "right"}],\n aliases: [{"Expression"}]\n});\n\n(0, _utils.default)(\n"BinaryExpression", {\n builder:
[{"operator", "left", "right"}],\n fields: {\n operator: {\n validate: (0,
_utils.assertOneOf(..._constants.BINARY_OPERATORS)\n },\n left: {\n validate: function () {\n const
expression = (0, _utils.assertNodeType)("Expression");\n const inOp = (0,
_utils.assertNodeType)("Expression", "PrivateName");\n\n const validator = function (node, key, val) {\n
const validator = node.operator === "in" ? inOp : expression;\n validator(node, key, val);\n }; \n }\n
validator.oneOfNodeTypes = [{"Expression", "PrivateName"}];\n return validator;\n }()\n },\n right: {\n
validate: (0, _utils.assertNodeType)("Expression")\n }\n },\n visitor: [{"left", "right"}],\n aliases: [{"Binary",
"Expression"}]\n});\n\n(0, _utils.default)(\n"InterpreterDirective", {\n builder: [{"value"}],\n fields: {\n value: {\n

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validate: (0, _utils.assertValueType)("string")\n }n }n});\n(0, _utils.default)("Directive", {\n visitor:
["value"],\n fields: {\n value: {\n validate: (0, _utils.assertNodeType)("DirectiveLiteral")\n }n }n});\n(0,
_utils.default)("DirectiveLiteral", {\n builder: ["value"],\n fields: {\n value: {\n validate: (0,
_utils.assertValueType)("string")\n }n }n});\n(0, _utils.default)("BlockStatement", {\n builder: ["body",
"directives"],\n visitor: ["directives", "body"],\n fields: {\n directives: {\n validate: (0, _utils.chain)((0,
_utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("Directive"))),\n default:
[]\n },\n body: {\n validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("Statement")))\n }n },\n aliases: ["Scopable", "BlockParent", "Block",
"Statement"]\n});\n(0, _utils.default)("BreakStatement", {\n visitor: ["label"],\n fields: {\n label: {\n
validate: (0, _utils.assertNodeType)("Identifier"),\n optional: true\n }n },\n aliases: ["Statement",
"Terminatorless", "CompletionStatement"]\n});\n(0, _utils.default)("CallExpression", {\n visitor: ["callee",
"arguments", "typeParameters", "typeArguments"],\n builder: ["callee", "arguments"],\n aliases:
["Expression"],\n fields: Object.assign({\n callee: {\n validate: (0, _utils.assertNodeType)("Expression",
"V8IntrinsicIdentifier")\n },\n arguments: {\n validate: (0, _utils.chain)((0,
_utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("Expression",
"SpreadElement", "JSXNamespacedName", "ArgumentPlaceholder")))\n }n },
!process.env.BABEL_TYPES_8_BREAKING ? {\n optional: {\n validate: (0, _utils.assertOneOf)(true,
false),\n optional: true\n }n } : {}, {\n typeArguments: {\n validate: (0,
_utils.assertNodeType)("TypeParameterInstantiation"),\n optional: true\n },\n typeParameters: {\n
validate: (0, _utils.assertNodeType)("TSTypeParameterInstantiation"),\n optional: true\n }n }));\n(0,
_utils.default)("CatchClause", {\n visitor: ["param", "body"],\n fields: {\n param: {\n validate: (0,
_utils.assertNodeType)("Identifier", "ArrayPattern", "ObjectPattern"),\n optional: true\n },\n body: {\n
validate: (0, _utils.assertNodeType)("BlockStatement")\n }n },\n aliases: ["Scopable",
"BlockParent"]\n});\n(0, _utils.default)("ConditionalExpression", {\n visitor: ["test", "consequent",
"alternate"],\n fields: {\n test: {\n validate: (0, _utils.assertNodeType)("Expression")\n },\n consequent:
{\n validate: (0, _utils.assertNodeType)("Expression")\n },\n alternate: {\n validate: (0,
_utils.assertNodeType)("Expression")\n }n },\n aliases: ["Expression", "Conditional"]\n});\n(0,
_utils.default)("ContinueStatement", {\n visitor: ["label"],\n fields: {\n label: {\n validate: (0,
_utils.assertNodeType)("Identifier"),\n optional: true\n }n },\n aliases: ["Statement", "Terminatorless",
"CompletionStatement"]\n});\n(0, _utils.default)("DebuggerStatement", {\n aliases: ["Statement"]\n});\n(0,
_utils.default)("DoWhileStatement", {\n visitor: ["test", "body"],\n fields: {\n test: {\n validate: (0,
_utils.assertNodeType)("Expression")\n },\n body: {\n validate: (0, _utils.assertNodeType)("Statement")\n
}n },\n aliases: ["Statement", "BlockParent", "Loop", "While", "Scopable"]\n});\n(0,
_utils.default)("EmptyStatement", {\n aliases: ["Statement"]\n});\n(0, _utils.default)("ExpressionStatement",
{\n visitor: ["expression"],\n fields: {\n expression: {\n validate: (0,
_utils.assertNodeType)("Expression")\n }n },\n aliases: ["Statement", "ExpressionWrapper"]\n});\n(0,
_utils.default)("File", {\n builder: ["program", "comments", "tokens"],\n visitor: ["program"],\n fields: {\n
program: {\n validate: (0, _utils.assertNodeType)("Program")\n },\n comments: {\n validate:
!process.env.BABEL_TYPES_8_BREAKING ? Object.assign(=> {}, {\n each: {\n oneOfNodeTypes:
["CommentBlock", "CommentLine"]\n }n }): (0, _utils.assertEach)((0,
_utils.assertNodeType)("CommentBlock", "CommentLine")),\n optional: true\n },\n tokens: {\n
validate: (0, _utils.assertEach)(Object.assign(=> {}, {\n type: "any"\n })),\n optional: true\n }n
}n});\n(0, _utils.default)("ForInStatement", {\n visitor: ["left", "right", "body"],\n aliases: ["Scopable",
"Statement", "For", "BlockParent", "Loop", "ForXStatement"],\n fields: {\n left: {\n validate:
!process.env.BABEL_TYPES_8_BREAKING ? (0, _utils.assertNodeType)("VariableDeclaration", "LVal") : (0,
_utils.assertNodeType)("VariableDeclaration", "Identifier", "MemberExpression", "ArrayPattern",
"ObjectPattern")\n },\n right: {\n validate: (0, _utils.assertNodeType)("Expression")\n },\n body: {\n
validate: (0, _utils.assertNodeType)("Statement")\n }n }n});\n(0, _utils.default)("ForStatement", {\n visitor:

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["init", "test", "update", "body"],\n aliases: ["Scopable", "Statement", "For", "BlockParent", "Loop"],\n
fields: {\n init: {\n validate: (0, _utils.assertNodeType)("VariableDeclaration", "Expression"),\n optional:
true\n },\n test: {\n validate: (0, _utils.assertNodeType)("Expression"),\n optional: true\n },\n update:
{\n validate: (0, _utils.assertNodeType)("Expression"),\n optional: true\n },\n body: {\n validate: (0,
_utils.assertNodeType)("Statement")\n } };\n\nconst functionCommon = {\n params: {\n validate: (0,
_utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("Identifier",
"Pattern", "RestElement", "TSParameterProperty")))\n },\n generator: {\n default: false\n },\n async: {\n
default: false\n } };\n\nexports.functionCommon = functionCommon;\n\nconst functionTypeAnnotationCommon =
{\n returnType: {\n validate: (0, _utils.assertNodeType)("TypeAnnotation", "TSTypeAnnotation", "Noop"),\n
optional: true\n },\n typeParameters: {\n validate: (0, _utils.assertNodeType)("TypeParameterDeclaration",
"TSTypeParameterDeclaration", "Noop"),\n optional: true\n } };\n\nexports.functionTypeAnnotationCommon =
functionTypeAnnotationCommon;\n\nconst functionDeclarationCommon = Object.assign({}, functionCommon, {\n
declare: {\n validate: (0, _utils.assertValueType)("boolean"),\n optional: true\n },\n id: {\n validate: (0,
_utils.assertNodeType)("Identifier"),\n optional: true\n } });\n\nexports.functionDeclarationCommon =
functionDeclarationCommon;\n\n(0, _utils.default)("FunctionDeclaration", {\n builder: ["id", "params", "body",
"generator", "async"],\n visitor: ["id", "params", "body", "returnType", "typeParameters"],\n fields:
Object.assign({}, functionDeclarationCommon, functionTypeAnnotationCommon, {\n body: {\n validate: (0,
_utils.assertNodeType)("BlockStatement")\n } }},\n aliases: ["Scopable", "Function", "BlockParent",
"FunctionParent", "Statement", "Pureish", "Declaration"],\n validate: function () {\n if
(!process.env.BABEL_TYPES_8_BREAKING) return () => {};\n\n const identifier = (0,
_utils.assertNodeType)("Identifier");\n\n return function (parent, key, node) {\n if (!(0,
_utils.is.default)("ExportDefaultDeclaration", parent)) {\n identifier(node, "id", node.id);\n } };\n
}()\n});\n\n(0, _utils.default)("FunctionExpression", {\n inherits: "FunctionDeclaration",\n aliases: ["Scopable",
"Function", "BlockParent", "FunctionParent", "Expression", "Pureish"],\n fields: Object.assign({},
functionCommon, functionTypeAnnotationCommon, {\n id: {\n validate: (0,
_utils.assertNodeType)("Identifier"),\n optional: true\n },\n body: {\n validate: (0,
_utils.assertNodeType)("BlockStatement")\n } } });\n\nconst patternLikeCommon = {\n typeAnnotation: {\n
validate: (0, _utils.assertNodeType)("TypeAnnotation", "TSTypeAnnotation", "Noop"),\n optional: true\n },\n
decorators: {\n validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("Decorator")))\n } };\n\nexports.patternLikeCommon = patternLikeCommon;\n\n(0,
_utils.default)("Identifier", {\n builder: ["name"],\n visitor: ["typeAnnotation", "decorators"],\n aliases:
["Expression", "PatternLike", "LVal", "TSEntityName"],\n fields: Object.assign({}, patternLikeCommon, {\n
name: {\n validate: (0, _utils.chain)((0, _utils.assertValueType)("string"), Object.assign(function (node, key,
val) {\n if (!process.env.BABEL_TYPES_8_BREAKING) return;\n\n if (!(0,
_utils.isValidIdentifier.default)(val, false)) {\n throw new TypeError(`"${val}" is not a valid identifier name`);\n
}\n }, {\n type: "string"\n })),\n optional: {\n validate: (0,
_utils.assertValueType)("boolean"),\n optional: true\n } }},\n\n validate(parent, key, node) {\n if
(!process.env.BABEL_TYPES_8_BREAKING) return;\n\n const match = /\.(\\w+)$/.exec(key);\n\n if (!match)
return;\n\n const [, parentKey] = match;\n\n const nonComp = {\n computed: false\n };\n\n if (parentKey ===
"property") {\n if ((0, _utils.is.default)("MemberExpression", parent, nonComp)) return;\n\n if ((0,
_utils.is.default)("OptionalMemberExpression", parent, nonComp)) return;\n\n } else if (parentKey === "key") {\n
if ((0, _utils.is.default)("Property", parent, nonComp)) return;\n\n if ((0, _utils.is.default)("Method", parent, nonComp))
return;\n\n } else if (parentKey === "exported") {\n if ((0, _utils.is.default)("ExportSpecifier", parent)) return;\n\n
} else if (parentKey === "imported") {\n if ((0, _utils.is.default)("ImportSpecifier", parent, {\n imported: node\n
})) return;\n\n } else if (parentKey === "meta") {\n if ((0, _utils.is.default)("MetaProperty", parent, {\n meta:
node\n })) return;\n\n } } };\n\n\n if (((0, _helperValidatorIdentifier.isKeyword)(node.name) || (0,
_helperValidatorIdentifier.isReservedWord)(node.name, false)) && node.name !== "this") {\n throw new
TypeError(`"${node.name}" is not a valid identifier`);\n } } };\n\n(0, _utils.default)("IfStatement", {\n

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visitor: [{"test"}, {"consequent"}, {"alternate"}], aliases: [{"Statement"}, {"Conditional"}], fields: {
  test: {
    validate: (0, _utils.assertNodeType)("Expression")
  },
  consequent: {
    validate: (0, _utils.assertNodeType)("Statement")
  },
  alternate: {
    optional: true,
    validate: (0, _utils.assertNodeType)("Statement")
  }
};
n(0, _utils.default)("LabeledStatement", {
  visitor: [{"label"}, {"body"}],
  aliases: [{"Statement"}],
  fields: {
    label: {
      validate: (0, _utils.assertNodeType)("Identifier")
    },
    body: {
      validate: (0, _utils.assertNodeType)("Statement")
    }
  }
});
n(0, _utils.default)("StringLiteral", {
  builder: [{"value"}],
  fields: {
    value: {
      validate: (0, _utils.assertValueType)("string")
    }
  },
  aliases: [{"Expression"}, {"Pureish"}, {"Literal"}, {"Immutable"}]
});
n(0, _utils.default)("NumericLiteral", {
  builder: [{"value"}],
  deprecatedAlias: "NumberLiteral",
  fields: {
    value: {
      validate: (0, _utils.assertValueType)("number")
    }
  },
  aliases: [{"Expression"}, {"Pureish"}, {"Literal"}, {"Immutable"}]
});
n(0, _utils.default)("NullLiteral", {
  aliases: [{"Expression"}, {"Pureish"}, {"Literal"}, {"Immutable"}]
});
n(0, _utils.default)("BooleanLiteral", {
  builder: [{"value"}],
  fields: {
    value: {
      validate: (0, _utils.assertValueType)("boolean")
    }
  },
  aliases: [{"Expression"}, {"Pureish"}, {"Literal"}, {"Immutable"}]
});
n(0, _utils.default)("RegExpLiteral", {
  builder: [{"pattern"}, {"flags"}],
  deprecatedAlias: "RegexLiteral",
  aliases: [{"Expression"}, {"Pureish"}, {"Literal"}],
  fields: {
    pattern: {
      validate: (0, _utils.assertValueType)("string")
    },
    flags: {
      validate: (0, _utils.chain)((0, _utils.assertValueType)("string"), Object.assign(function (node, key, val) {
        if (!process.env.BABEL_TYPES_8_BREAKING) return;
        const invalid = /^[^gimsuy]/.exec(val);
        if (invalid) {
          throw new TypeError(`"${invalid[0]}" is not a valid RegExp flag`);
        }
      }, {
        type: "string"
      })),
      default: ""
    }
  }
});
n(0, _utils.default)("LogicalExpression", {
  builder: [{"operator"}, {"left"}, {"right"}],
  visitor: [{"left"}, {"right"}],
  aliases: [{"Binary"}, {"Expression"}],
  fields: {
    operator: {
      validate: (0, _utils.assertOneOf)(..._constants.LOGICAL_OPERATORS)
    },
    left: {
      validate: (0, _utils.assertNodeType)("Expression")
    },
    right: {
      validate: (0, _utils.assertNodeType)("Expression")
    }
  }
});
n(0, _utils.default)("MemberExpression", {
  builder: [{"object"}, {"property"}, {"computed"}, {"optional"}],
  visitor: [{"object"}, {"property"}],
  aliases: [{"Expression"}, {"LVal"}],
  fields: Object.assign({
    object: {
      validate: (0, _utils.assertNodeType)("Expression")
    },
    property: {
      validate: function () {
        const normal = (0, _utils.assertNodeType)("Identifier"),
              privateName = (0, _utils.assertNodeType)("Expression");
        const computed = (0, _utils.assertNodeType)("Expression");
        const validator = function (node, key, val) {
          const validator = node.computed ? computed : normal;
          validator(node, key, val);
        };
        validator.oneOfNodeTypes = ["Expression", "Identifier", "PrivateName"];
        return validator;
      }
    },
    computed: {
      default: false
    }
  }, !process.env.BABEL_TYPES_8_BREAKING ? {
    optional: {
      validate: (0, _utils.assertOneOf)(true, false),
      optional: true
    }
  } : {}));
n(0, _utils.default)("NewExpression", {
  inherits: "CallExpression"
});
n(0, _utils.default)("Program", {
  visitor: [{"directives"}, {"body"}],
  builder: [{"body"}, {"directives"}, {"sourceType"}, {"interpreter"}],
  fields: {
    sourceFile: {
      validate: (0, _utils.assertValueType)("string")
    },
    sourceType: {
      validate: (0, _utils.assertOneOf)("script", "module"),
      default: "script"
    },
    interpreter: {
      validate: (0, _utils.assertNodeType)("InterpreterDirective"),
      default: null,
      optional: true
    },
    directives: {
      validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("Directive"))),
      default: []
    },
    body: {
      validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("Statement")))
    }
  },
  aliases: [{"Scopable"}, {"BlockParent"}, {"Block"}]
});
n(0, _utils.default)("ObjectExpression", {
  visitor: [{"properties"}],
  aliases: [{"Expression"}],
  fields: {
    properties: {
      validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("ObjectMethod"), {"ObjectProperty"}, {"SpreadElement"}))
    }
  }
});
n(0, _utils.default)("ObjectMethod", {
  builder: [{"kind"}, {"key"}, {"params"}, {"body"}, {"computed"}, {"generator"}, {"async"}],
  fields: Object.assign({
    functionCommon,
    functionTypeAnnotationCommon,
    kind: Object.assign({
      validate: (0, _utils.assertOneOf)("method", "get", "set")
    }, !process.env.BABEL_TYPES_8_BREAKING ? {

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default: {"method":{"n":{}}},\n computed: {\n default: false\n },\n key: {\n validate: function () {\n
const normal = (0, _utils.assertNodeType)("Identifier", "StringLiteral", "NumericLiteral");\n const
computed = (0, _utils.assertNodeType)("Expression");\n\n const validator = function (node, key, val) {\n
const validator = node.computed ? computed : normal;\n validator(node, key, val);\n };;\n\n
validator.oneOfNodeTypes = ["Expression", "Identifier", "StringLiteral", "NumericLiteral"];;\n return
validator;\n }()\n },\n decorators: {\n validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0,
_utils.assertEach)((0, _utils.assertNodeType)("Decorator"))),\n optional: true\n },\n body: {\n validate:
(0, _utils.assertNodeType)("BlockStatement")\n }\n },\n visitor: ["key", "params", "body", "decorators",
"returnType", "typeParameters"],\n aliases: ["UserWhitespacable", "Function", "Scopable", "BlockParent",
"FunctionParent", "Method", "ObjectMember"]\n});;\n(0, _utils.default)("ObjectProperty", {\n builder:
["key", "value", "computed", "shorthand", ...(process.env.BABEL_TYPES_8_BREAKING ? ["decorators"]
: [])],\n fields: {\n computed: {\n default: false\n },\n key: {\n validate: function () {\n const normal
= (0, _utils.assertNodeType)("Identifier", "StringLiteral", "NumericLiteral");\n const computed = (0,
_utils.assertNodeType)("Expression");\n\n const validator = function (node, key, val) {\n const validator
= node.computed ? computed : normal;\n validator(node, key, val);\n };;\n\n
validator.oneOfNodeTypes = ["Expression", "Identifier", "StringLiteral", "NumericLiteral"];;\n return
validator;\n }()\n },\n value: {\n validate: (0, _utils.assertNodeType)("Expression", "PatternLike")\n
},\n shorthand: {\n validate: (0, _utils.chain)((0, _utils.assertValueType)("boolean"), Object.assign(function
(node, key, val) {\n if (!process.env.BABEL_TYPES_8_BREAKING) return;\n\n if (val &&
node.computed) {\n throw new TypeError("Property shorthand of ObjectProperty cannot be true if computed
is true");\n }\n }, {\n type: "boolean"\n })), function (node, key, val) {\n if
(!process.env.BABEL_TYPES_8_BREAKING) return;\n\n if (val && !(0, _is.default)("Identifier",
node.key)) {\n throw new TypeError("Property shorthand of ObjectProperty cannot be true if key is not an
Identifier");\n }\n })),\n default: false\n },\n decorators: {\n validate: (0, _utils.chain)((0,
_utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("Decorator"))),\n optional:
true\n }\n },\n visitor: ["key", "value", "decorators"],\n aliases: ["UserWhitespacable", "Property",
"ObjectMember"],\n validate: function () {\n const pattern = (0, _utils.assertNodeType)("Identifier",
"Pattern");\n const expression = (0, _utils.assertNodeType)("Expression");\n return function (parent, key,
node) {\n if (!process.env.BABEL_TYPES_8_BREAKING) return;\n const validator = (0,
_is.default)("ObjectPattern", parent) ? pattern : expression;\n validator(node, "value", node.value);\n };;\n
}()\n});;\n(0, _utils.default)("RestElement", {\n visitor: ["argument", "typeAnnotation"],\n builder:
["argument"],\n aliases: ["LVal", "PatternLike"],\n deprecatedAlias: "RestProperty",\n fields:
Object.assign({}, patternLikeCommon, {\n argument: {\n validate:
!process.env.BABEL_TYPES_8_BREAKING ? (0, _utils.assertNodeType)("LVal") : (0,
_utils.assertNodeType)("Identifier", "Pattern", "MemberExpression")\n }\n })),\n\n validate(parent, key) {\n
if (!process.env.BABEL_TYPES_8_BREAKING) return;\n const match = /(\\w+)\\[(\\d+)\\]/.exec(key);\n if
(!match) throw new Error("Internal Babel error: malformed key.");\n const [, listKey, index] = match;\n\n if
(parent[listKey].length > index + 1) {\n throw new TypeError("RestElement must be last element of
${listKey}");\n }\n }\n});;\n(0, _utils.default)("ReturnStatement", {\n visitor: ["argument"],\n aliases:
["Statement", "Terminatorless", "CompletionStatement"],\n fields: {\n argument: {\n validate: (0,
_utils.assertNodeType)("Expression"),\n optional: true\n }\n }\n});;\n(0,
_utils.default)("SequenceExpression", {\n visitor: ["expressions"],\n fields: {\n expressions: {\n validate:
(0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("Expression")))\n }\n },\n aliases: ["Expression"]\n});;\n(0,
_utils.default)("ParenthesizedExpression", {\n visitor: ["expression"],\n aliases: ["Expression",
"ExpressionWrapper"],\n fields: {\n expression: {\n validate: (0, _utils.assertNodeType)("Expression")\n
}\n }\n});;\n(0, _utils.default)("SwitchCase", {\n visitor: ["test", "consequent"],\n fields: {\n test: {\n
validate: (0, _utils.assertNodeType)("Expression"),\n optional: true\n },\n consequent: {\n validate: (0,

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_utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("Statement")))\n } \n } \n});\n(0, _utils.default)("SwitchStatement", {\n visitor:
["discriminant", "cases"],\n aliases: ["Statement", "BlockParent", "Scopable"],\n fields: {\n discriminant:
{\n validate: (0, _utils.assertNodeType)("Expression")\n },\n cases: {\n validate: (0, _utils.chain)((0,
_utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("SwitchCase")))\n } \n
}\n});\n(0, _utils.default)("ThisExpression", {\n aliases: ["Expression"]\n});\n(0,
_utils.default)("ThrowStatement", {\n visitor: ["argument"],\n aliases: ["Statement", "Terminatorless",
"CompletionStatement"],\n fields: {\n argument: {\n validate: (0, _utils.assertNodeType)("Expression")\n
}\n } \n});\n(0, _utils.default)("TryStatement", {\n visitor: ["block", "handler", "finalizer"],\n aliases:
["Statement"],\n fields: {\n block: {\n validate: (0, _utils.chain)((0,
_utils.assertNodeType)("BlockStatement"), Object.assign(function (node) {\n if
(!process.env.BABEL_TYPES_8_BREAKING) return;\n\n if (!node.handler && !node.finalizer) {\n
throw new TypeError("TryStatement expects either a handler or finalizer, or both");\n } \n }, {\n
oneOfNodeTypes: ["BlockStatement"]\n } \n } \n },\n handler: {\n optional: true,\n validate: (0,
_utils.assertNodeType)("CatchClause")\n },\n finalizer: {\n optional: true,\n validate: (0,
_utils.assertNodeType)("BlockStatement")\n } \n } \n});\n(0, _utils.default)("UnaryExpression", {\n builder:
["operator", "argument", "prefix"],\n fields: {\n prefix: {\n default: true \n },\n argument: {\n
validate: (0, _utils.assertNodeType)("Expression")\n },\n operator: {\n validate: (0,
_utils.assertOneOf(..._constants.UNARY_OPERATORS)\n } \n },\n visitor: ["argument"],\n aliases:
["UnaryLike", "Expression"]\n});\n(0, _utils.default)("UpdateExpression", {\n builder: ["operator",
"argument", "prefix"],\n fields: {\n prefix: {\n default: false \n },\n argument: {\n validate:
!process.env.BABEL_TYPES_8_BREAKING ? (0, _utils.assertNodeType)("Expression") : (0,
_utils.assertNodeType)("Identifier", "MemberExpression")\n },\n operator: {\n validate: (0,
_utils.assertOneOf(..._constants.UPDATE_OPERATORS)\n } \n } \n },\n visitor: ["argument"],\n aliases:
["Expression"]\n});\n(0, _utils.default)("VariableDeclaration", {\n builder: ["kind", "declarations"],\n visitor:
["declarations"],\n aliases: ["Statement", "Declaration"],\n fields: {\n declare: {\n validate: (0,
_utils.assertValueType)("boolean"),\n optional: true \n },\n kind: {\n validate: (0,
_utils.assertOneOf("var", "let", "const")\n },\n declarations: {\n validate: (0, _utils.chain)((0,
_utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("VariableDeclarator")))\n
}\n } \n },\n validate(parent, key, node) {\n if (!process.env.BABEL_TYPES_8_BREAKING) return;\n if (!0,
_is.default)("ForXStatement", parent, {\n left: node \n }) return;\n\n if (node.declarations.length !== 1) {\n
throw new TypeError("Exactly one VariableDeclarator is required in the VariableDeclaration of a
${parent.type}");\n } \n } \n});\n(0, _utils.default)("VariableDeclarator", {\n visitor: ["id", "init"],\n fields:
{\n id: {\n validate: function () {\n if (!process.env.BABEL_TYPES_8_BREAKING) {\n return (0,
_utils.assertNodeType)("LVal");\n } \n\n const normal = (0, _utils.assertNodeType)("Identifier",
"ArrayPattern", "ObjectPattern");\n const without = (0, _utils.assertNodeType)("Identifier");\n return
function (node, key, val) {\n const validator = node.init ? normal : without;\n validator(node, key, val);\n
}\n } \n },\n definite: {\n optional: true,\n validate: (0, _utils.assertValueType)("boolean")\n
},\n init: {\n optional: true,\n validate: (0, _utils.assertNodeType)("Expression")\n } \n } \n});\n(0,
_utils.default)("WhileStatement", {\n visitor: ["test", "body"],\n aliases: ["Statement", "BlockParent",
"Loop", "While", "Scopable"],\n fields: {\n test: {\n validate: (0, _utils.assertNodeType)("Expression")\n
},\n body: {\n validate: (0, _utils.assertNodeType)("Statement")\n } \n } \n});\n(0,
_utils.default)("WithStatement", {\n visitor: ["object", "body"],\n aliases: ["Statement"],\n fields: {\n
object: {\n validate: (0, _utils.assertNodeType)("Expression")\n },\n body: {\n validate: (0,
_utils.assertNodeType)("Statement")\n } \n } \n});\n(0, _utils.default)("AssignmentPattern", {\n visitor:
["left", "right", "decorators"],\n builder: ["left", "right"],\n aliases: ["Pattern", "PatternLike", "LVal"],\n
fields: Object.assign({}, patternLikeCommon, {\n left: {\n validate: (0, _utils.assertNodeType)("Identifier",
"ObjectPattern", "ArrayPattern", "MemberExpression")\n },\n right: {\n validate: (0,

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_utils.assertNodeType)("Expression")\n } ,\n decorators: {\n validate: (0, _utils.chain)((0,
_utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("Decorator"))),\n optional:
true\n } )\n } )\n } );\n(0, _utils.default)("ArrayPattern", {\n visitor: ["elements", "typeAnnotation"],\n builder:
["elements"],\n aliases: ["Pattern", "PatternLike", "LVal"],\n fields: Object.assign({}, patternLikeCommon,
{\n elements: {\n validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeOrValueType)("null", "PatternLike")))\n } ,\n decorators: {\n validate: (0, _utils.chain)((0,
_utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("Decorator"))),\n optional:
true\n } )\n } )\n } );\n(0, _utils.default)("ArrowFunctionExpression", {\n builder: ["params", "body",
"async"],\n visitor: ["params", "body", "returnType", "typeParameters"],\n aliases: ["Scopable",
"Function", "BlockParent", "FunctionParent", "Expression", "Pureish"],\n fields: Object.assign({},
functionCommon, functionTypeAnnotationCommon, {\n expression: {\n validate: (0,
_utils.assertValueType)("boolean")\n } ,\n body: {\n validate: (0,
_utils.assertNodeType)("BlockStatement", "Expression")\n } )\n } )\n } );\n(0, _utils.default)("ClassBody", {\n
visitor: ["body"],\n fields: {\n body: {\n validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0,
_utils.assertEach)((0, _utils.assertNodeType)("ClassMethod", "ClassPrivateMethod", "ClassProperty",
"ClassPrivateProperty", "TSDeclareMethod", "TSIndexSignature")))\n } )\n } )\n } );\n(0,
_utils.default)("ClassExpression", {\n builder: ["id", "superClass", "body", "decorators"],\n visitor: ["id",
"body", "superClass", "mixins", "typeParameters", "superTypeParameters", "implements", "decorators"],\n
aliases: ["Scopable", "Class", "Expression"],\n fields: {\n id: {\n validate: (0,
_utils.assertNodeType)("Identifier"),\n optional: true\n } ,\n typeParameters: {\n validate: (0,
_utils.assertNodeType)("TypeParameterDeclaration", "TSTypeParameterDeclaration", "Noop"),\n optional:
true\n } ,\n body: {\n validate: (0, _utils.assertNodeType)("ClassBody")\n } ,\n superClass: {\n
optional: true,\n validate: (0, _utils.assertNodeType)("Expression")\n } ,\n superTypeParameters: {\n
validate: (0, _utils.assertNodeType)("TypeParameterInstantiation", "TSTypeParameterInstantiation"),\n
optional: true\n } ,\n implements: {\n validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0,
_utils.assertEach)((0, _utils.assertNodeType)("TSExpressionWithTypeArguments", "ClassImplements"))),\n
optional: true\n } ,\n decorators: {\n validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0,
_utils.assertEach)((0, _utils.assertNodeType)("Decorator"))),\n optional: true\n } ,\n mixins: {\n validate:
(0, _utils.assertNodeType)("InterfaceExtends"),\n optional: true\n } )\n } );\n(0,
_utils.default)("ClassDeclaration", {\n inherits: "ClassExpression",\n aliases: ["Scopable", "Class",
"Statement", "Declaration"],\n fields: {\n id: {\n validate: (0, _utils.assertNodeType)("Identifier")\n } ,\n
typeParameters: {\n validate: (0, _utils.assertNodeType)("TypeParameterDeclaration",
"TSTypeParameterDeclaration", "Noop"),\n optional: true\n } ,\n body: {\n validate: (0,
_utils.assertNodeType)("ClassBody")\n } ,\n superClass: {\n optional: true,\n validate: (0,
_utils.assertNodeType)("Expression")\n } ,\n superTypeParameters: {\n validate: (0,
_utils.assertNodeType)("TypeParameterInstantiation", "TSTypeParameterInstantiation"),\n optional: true\n
} ,\n implements: {\n validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("TSExpressionWithTypeArguments", "ClassImplements"))),\n optional: true\n } ,\n
decorators: {\n validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("Decorator"))),\n optional: true\n } ,\n mixins: {\n validate: (0,
_utils.assertNodeType)("InterfaceExtends"),\n optional: true\n } ,\n declare: {\n validate: (0,
_utils.assertValueType)("boolean"),\n optional: true\n } ,\n abstract: {\n validate: (0,
_utils.assertValueType)("boolean"),\n optional: true\n } )\n } ,\n validate: function () {\n const identifier = (0,
_utils.assertNodeType)("Identifier");\n return function (parent, key, node) {\n if
(!process.env.BABEL_TYPES_8_BREAKING) return;\n\n if (!(0, _is.default)("ExportDefaultDeclaration",
parent)) {\n identifier(node, "id", node.id);\n } )\n } )\n } );\n(0,
_utils.default)("ExportAllDeclaration", {\n visitor: ["source"],\n aliases: ["Statement", "Declaration",
"ModuleDeclaration", "ExportDeclaration"],\n fields: {\n source: {\n validate: (0,

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_utils.assertNodeType)("StringLiteral")\n },\n exportKind: (0, _utils.validateOptional)((0,\n _utils.assertOneOf)("type", "value")), \n assertions: {\n optional: true,\n validate: (0, _utils.chain)((0,\n _utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("ImportAttribute")))\n }\n });\n(0, _utils.default)("ExportDefaultDeclaration", {\n visitor: ["declaration"],\n aliases: ["Statement",\n "Declaration", "ModuleDeclaration", "ExportDeclaration"],\n fields: {\n declaration: {\n validate: (0,\n _utils.assertNodeType)("FunctionDeclaration", "TSDeclareFunction", "ClassDeclaration", "Expression")\n }\n }\n });\n(0, _utils.default)("ExportNamedDeclaration", {\n visitor: ["declaration", "specifiers",\n "source"],\n aliases: ["Statement", "Declaration", "ModuleDeclaration", "ExportDeclaration"],\n fields: {\n declaration: {\n optional: true,\n validate: (0, _utils.chain)((0, _utils.assertNodeType)("Declaration"),\n Object.assign(function (node, key, val) {\n if (!process.env.BABEL_TYPES_8_BREAKING) return;\n\n if\n (val && node.specifiers.length) {\n throw new TypeError("Only declaration or specifiers is allowed on\n ExportNamedDeclaration");\n }\n }, {\n oneOfNodeTypes: ["Declaration"]\n })), function (node,\n key, val) {\n if (!process.env.BABEL_TYPES_8_BREAKING) return;\n\n if (val && node.source) {\n throw new TypeError("Cannot export a declaration from a source");\n }\n }\n },\n assertions: {\n optional: true,\n validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,\n _utils.assertNodeType)("ImportAttribute")))\n },\n specifiers: {\n default: [],\n validate: (0,\n _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)(function () {\n const sourced = (0,\n _utils.assertNodeType)("ExportSpecifier", "ExportDefaultSpecifier", "ExportNamespaceSpecifier");\n const sourceless = (0, _utils.assertNodeType)("ExportSpecifier");\n\n if\n (!process.env.BABEL_TYPES_8_BREAKING) return sourced;\n\n return function (node, key, val) {\n\n const validator = node.source ? sourced : sourceless;\n\n validator(node, key, val);\n\n };\n\n }()))\n },\n source: {\n validate: (0, _utils.assertNodeType)("StringLiteral"),\n optional: true\n },\n exportKind: (0,\n _utils.validateOptional)((0, _utils.assertOneOf)("type", "value"))\n }\n });\n(0, _utils.default)("ExportSpecifier",\n {\n visitor: ["local", "exported"],\n aliases: ["ModuleSpecifier"],\n fields: {\n local: {\n validate: (0,\n _utils.assertNodeType)("Identifier")\n },\n exported: {\n validate: (0, _utils.assertNodeType)("Identifier",\n "StringLiteral")\n }\n }\n });\n(0, _utils.default)("ForOfStatement", {\n visitor: ["left", "right", "body"],\n builder: ["left", "right", "body", "await"],\n aliases: ["Scopable", "Statement", "For", "BlockParent",\n "Loop", "ForXStatement"],\n fields: {\n left: {\n validate: function () {\n if\n (!process.env.BABEL_TYPES_8_BREAKING) {\n return (0, _utils.assertNodeType)("VariableDeclaration",\n "LVal");\n }\n\n const declaration = (0, _utils.assertNodeType)("VariableDeclaration");\n const lval\n = (0, _utils.assertNodeType)("Identifier", "MemberExpression", "ArrayPattern", "ObjectPattern");\n\n return\n function (node, key, val) {\n\n if ((0, _is.default)("VariableDeclaration", val)) {\n declaration(node, key,\n val);\n\n } else {\n lval(node, key, val);\n\n }\n\n }()\n },\n right: {\n validate: (0,\n _utils.assertNodeType)("Expression")\n },\n body: {\n validate: (0, _utils.assertNodeType)("Statement")\n },\n await: {\n default: false\n }\n }\n });\n(0, _utils.default)("ImportDeclaration", {\n visitor:\n ["specifiers", "source"],\n aliases: ["Statement", "Declaration", "ModuleDeclaration"],\n fields: {\n assertions: {\n optional: true,\n validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0,\n _utils.assertEach)((0, _utils.assertNodeType)("ImportAttribute"))\n },\n specifiers: {\n validate: (0,\n _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,\n _utils.assertNodeType)("ImportSpecifier", "ImportDefaultSpecifier", "ImportNamespaceSpecifier")))\n },\n source: {\n validate: (0, _utils.assertNodeType)("StringLiteral")\n },\n importKind: {\n validate: (0,\n _utils.assertOneOf)("type", "typeof", "value"),\n optional: true\n }\n }\n });\n(0,\n _utils.default)("ImportDefaultSpecifier", {\n visitor: ["local"],\n aliases: ["ModuleSpecifier"],\n fields: {\n local: {\n validate: (0, _utils.assertNodeType)("Identifier")\n }\n }\n });\n(0,\n _utils.default)("ImportNamespaceSpecifier", {\n visitor: ["local"],\n aliases: ["ModuleSpecifier"],\n fields: {\n local: {\n validate: (0, _utils.assertNodeType)("Identifier")\n }\n }\n });\n(0,\n _utils.default)("ImportSpecifier", {\n visitor: ["local", "imported"],\n aliases: ["ModuleSpecifier"],\n fields:\n {\n local: {\n validate: (0, _utils.assertNodeType)("Identifier")\n },\n imported: {\n validate: (0,

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_utils.assertNodeType)("Identifier", "StringLiteral")\n } ,\n importKind: {\n validate: (0,
_utils.assertOneOf)("type", "typeof"),\n optional: true\n }\n }\n});\n(0, _utils.default)("MetaProperty", {\n
visitor: ["meta", "property"],\n aliases: ["Expression"],\n fields: {\n meta: {\n validate: (0, _utils.chain)((0,
_utils.assertNodeType)("Identifier"), Object.assign(function (node, key, val) {\n if
(!process.env.BABEL_TYPES_8_BREAKING) return;\n let property;\n\n switch (val.name) {\n case
"function":\n property = "sent";\n break;\n case "new":\n property = "target";\n
break;\n case "import":\n property = "meta";\n break;\n }\n\n if (!0,
_is.default)("Identifier", node.property, {\n name: property\n })) {\n throw new
TypeError("Unrecognised MetaProperty");\n }\n }, {\n oneOfNodeTypes: ["Identifier"]\n })\n
}),\n property: {\n validate: (0, _utils.assertNodeType)("Identifier")\n }\n });\n\nconst
classMethodOrPropertyCommon = {\n abstract: {\n validate: (0, _utils.assertValueType)("boolean"),\n
optional: true\n },\n accessibility: {\n validate: (0, _utils.assertOneOf)("public", "private", "protected"),\n
optional: true\n },\n static: {\n default: false\n },\n override: {\n default: false\n },\n computed: {\n default:
false\n },\n optional: {\n validate: (0, _utils.assertValueType)("boolean"),\n optional: true\n },\n key: {\n
validate: (0, _utils.chain)(function () {\n const normal = (0, _utils.assertNodeType)("Identifier",
"StringLiteral", "NumericLiteral");\n const computed = (0, _utils.assertNodeType)("Expression");\n
return function (node, key, val) {\n const validator = node.computed ? computed : normal;\n
validator(node,
key, val);\n };
\n }()), (0, _utils.assertNodeType)("Identifier", "StringLiteral", "NumericLiteral",
"Expression"))\n }\n });\n\nexports.classMethodOrPropertyCommon = classMethodOrPropertyCommon;\n\nconst
classMethodOrDeclareMethodCommon = Object.assign({}, functionCommon, classMethodOrPropertyCommon,
{\n kind: {\n validate: (0, _utils.assertOneOf)("get", "set", "method", "constructor"),\n default:
"method"\n },\n access: {\n validate: (0, _utils.chain)((0, _utils.assertValueType)("string"), (0,
_utils.assertOneOf)("public", "private", "protected")), \n optional: true\n },\n decorators: {\n validate: (0,
_utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("Decorator"))), \n optional: true\n
\n });\n\nexports.classMethodOrDeclareMethodCommon = classMethodOrDeclareMethodCommon;\n\n(0,
_utils.default)("ClassMethod", {\n aliases: ["Function", "Scopable", "BlockParent", "FunctionParent",
"Method"],\n builder: ["kind", "key", "params", "body", "computed", "static", "generator", "async"],\n
visitor: ["key", "params", "body", "decorators", "returnType", "typeParameters"],\n fields:
Object.assign({}, classMethodOrDeclareMethodCommon, functionTypeAnnotationCommon, {\n body: {\n
validate: (0, _utils.assertNodeType)("BlockStatement")\n }\n });\n(0, _utils.default)("ObjectPattern", {\n
visitor: ["properties", "typeAnnotation", "decorators"],\n builder: ["properties"],\n aliases: ["Pattern",
"PatternLike", "LVal"],\n fields: Object.assign({}, patternLikeCommon, {\n properties: {\n validate: (0,
_utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("RestElement", "ObjectProperty"))\n }\n });\n(0,
_utils.default)("SpreadElement", {\n visitor: ["argument"],\n aliases: ["UnaryLike"],\n deprecatedAlias:
"SpreadProperty",\n fields: {\n argument: {\n validate: (0, _utils.assertNodeType)("Expression")\n }\n
});\n(0, _utils.default)("Super", {\n aliases: ["Expression"]\n });\n(0,
_utils.default)("TaggedTemplateExpression", {\n visitor: ["tag", "quasi"],\n aliases: ["Expression"],\n fields:
{\n tag: {\n validate: (0, _utils.assertNodeType)("Expression")\n },\n quasi: {\n validate: (0,
_utils.assertNodeType)("TemplateLiteral")\n },\n typeParameters: {\n validate: (0,
_utils.assertNodeType)("TypeParameterInstantiation", "TSTypeParameterInstantiation"),\n optional: true\n
}\n });\n(0, _utils.default)("TemplateElement", {\n builder: ["value", "tail"],\n fields: {\n value: {\n
validate: (0, _utils.assertShape)({\n raw: {\n validate: (0, _utils.assertValueType)("string")\n },\n
cooked: {\n validate: (0, _utils.assertValueType)("string"),\n optional: true\n }\n }\n },\n
tail: {\n default: false\n }\n });\n(0, _utils.default)("TemplateLiteral", {\n visitor: ["quasis",
"expressions"],\n aliases: ["Expression", "Literal"],\n fields: {\n quasies: {\n validate: (0, _utils.chain)((0,
_utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("TemplateElement"))\n }\n
}

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expressions: {\n  validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("Expression", \"TSType\")), function (node, key, val) {\n    if (node.quasis.length !==
val.length + 1) {\n      throw new TypeError(`Number of ${node.type} quasies should be exactly one more than the
number of expressions.\\nExpected ${val.length + 1} quasies but got ${node.quasis.length}`);
\n    }\n  })\n};\n(0, _utils.default)(\"YieldExpression\", {\n  builder: [\"argument\", \"delegate\"],\n  visitor: [\"argument\"],\n  aliases: [\"Expression\", \"Terminatorless\"],\n  fields: {\n    delegate: {\n      validate: (0, _utils.chain)((0,
_utils.assertValueType)("boolean"), Object.assign(function (node, key, val) {\n        if
(!process.env.BABEL_TYPES_8_BREAKING) return;\n\n        if (val && !node.argument) {\n          throw new
TypeError(\"Property delegate of YieldExpression cannot be true if there is no argument\");
\n        }\n      }, {\n        type: \"boolean\"\n      })),\n      default: false\n    },\n    argument: {\n      optional: true,\n      validate: (0,
_utils.assertNodeType)("Expression")\n    }\n  });\n(0, _utils.default)(\"AwaitExpression\", {\n  builder:
[\"argument\"],\n  visitor: [\"argument\"],\n  aliases: [\"Expression\", \"Terminatorless\"],\n  fields: {\n    argument:
{\n      validate: (0, _utils.assertNodeType)("Expression")\n    }\n  });\n(0, _utils.default)(\"Import\", {\n  aliases:
[\"Expression\"]\n});\n(0, _utils.default)(\"BigIntLiteral\", {\n  builder: [\"value\"],\n  fields: {\n    value: {\n
validate: (0, _utils.assertValueType)("string")\n    }\n  },\n  aliases: [\"Expression\", \"Pureish\", \"Literal\",
\"Immutable\"]\n});\n(0, _utils.default)(\"ExportNamespaceSpecifier\", {\n  visitor: [\"exported\"],\n  aliases:
[\"ModuleSpecifier\"],\n  fields: {\n    exported: {\n      validate: (0, _utils.assertNodeType)(\"Identifier\")\n    }\n
});\n(0, _utils.default)(\"OptionalMemberExpression\", {\n  builder: [\"object\", \"property\", \"computed\",
\"optional\"],\n  visitor: [\"object\", \"property\"],\n  aliases: [\"Expression\"],\n  fields: {\n    object: {\n      validate:
(0, _utils.assertNodeType)(\"Expression\")\n    },\n    property: {\n      validate: function () {\n        const normal =
(0, _utils.assertNodeType)(\"Identifier\");\n        const computed = (0, _utils.assertNodeType)(\"Expression\");\n\n
const validator = function (node, key, val) {\n          const validator = node.computed ? computed : normal;\n
validator(node, key, val);\n        }\n\n        validator.oneOfNodeTypes = [\"Expression\", \"Identifier\"];\n        return
validator;\n      }()\n    },\n    computed: {\n      default: false\n    },\n    optional: {\n      validate:
!process.env.BABEL_TYPES_8_BREAKING ? (0, _utils.assertValueType)(\"boolean\") : (0, _utils.chain)((0,
_utils.assertValueType)(\"boolean\"), (0, _utils.assertOptionalChainStart()))\n    }\n  });\n(0,
_utils.default)(\"OptionalCallExpression\", {\n  visitor: [\"callee\", \"arguments\", \"typeParameters\",
\"typeArguments\"],\n  builder: [\"callee\", \"arguments\", \"optional\"],\n  aliases: [\"Expression\"],\n  fields: {\n
callee: {\n      validate: (0, _utils.assertNodeType)(\"Expression\")\n    },\n    arguments: {\n      validate: (0,
_utils.chain)((0, _utils.assertValueType)(\"array\"), (0, _utils.assertEach)((0, _utils.assertNodeType)(\"Expression\",
\"SpreadElement\", \"JSXNamespacedName\", \"ArgumentPlaceholder\")))\n    },\n    optional: {\n      validate:
!process.env.BABEL_TYPES_8_BREAKING ? (0, _utils.assertValueType)(\"boolean\") : (0, _utils.chain)((0,
_utils.assertValueType)(\"boolean\"), (0, _utils.assertOptionalChainStart()))\n    },\n    typeArguments: {\n      validate:
(0, _utils.assertNodeType)(\"TypeParameterInstantiation\"),\n      optional: true\n    },\n    typeParameters:
{\n      validate: (0, _utils.assertNodeType)(\"TSTypeParameterInstantiation\"),\n      optional: true\n    }\n  });\n};\n\n\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default =
isType;\n\nvar _definitions = require(\"../definitions\");\n\nfunction isType(nodeType, targetType) {\n  if (nodeType
=== targetType) return true;\n  if (_definitions.ALIAS_KEYS[targetType]) return false;\n  const aliases =
_definitions.FLIPPED_ALIAS_KEYS[targetType];\n\n  if (aliases) {\n    if (aliases[0] === nodeType) return
true;\n\n    for (const alias of aliases) {\n      if (nodeType === alias) return true;\n    }\n  }\n\n  return
false;\n}\n\n\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default =
validate;\n\nexports.validateField = validateField;\n\nexports.validateChild = validateChild;\n\nvar _definitions =
require(\"../definitions\");\n\nfunction validate(node, key, val) {\n  if (!node) return;\n  const fields =
_definitions.NODE_FIELDS[node.type];\n  if (!fields) return;\n  const field = fields[key];\n  validateField(node,
key, val, field);\n  validateChild(node, key, val);\n}\n\nfunction validateField(node, key, val, field) {\n  if (!(field !=
null && field.validate)) return;\n  if (field.optional && val == null) return;\n  field.validate(node, key,
val);\n}\n\nfunction validateChild(node, key, val) {\n  if (val == null) return;\n  const validate =
_definitions.NODE_PARENT_VALIDATIONS[val.type];\n  if (!validate) return;\n  validate(node, key,

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val);\n}","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\nexports.default = inherit;\n\nfunction inherit(key, child, parent) {\n if (child && parent) {\n child[key] = Array.from(new Set([].concat(child[key], parent[key]).filter(Boolean)));\n }\n}","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nexports.merge = merge;\nexports.validate = validate;\nexports.normalizeReplacements = normalizeReplacements;\n\nfunction _objectWithoutPropertiesLoose(source, excluded) {\n if (source == null) return {};\n var target = {};\n var sourceKeys = Object.keys(source);\n var key, i;\n for (i = 0; i < sourceKeys.length; i++) {\n key = sourceKeys[i];\n if (excluded.indexOf(key) >= 0) continue;\n target[key] = source[key];\n }\n return target;\n}\n\nfunction merge(a, b) {\n const {\n placeholderWhitelist = a.placeholderWhitelist,\n placeholderPattern = a.placeholderPattern,\n preserveComments = a.preserveComments,\n syntacticPlaceholders = a.syntacticPlaceholders\n } = b;\n return {\n parser: Object.assign({}, a.parser, b.parser),\n placeholderWhitelist,\n placeholderPattern,\n preserveComments,\n syntacticPlaceholders\n };\n}\n\nfunction validate(opts) {\n if (opts != null && typeof opts !== "object") {\n throw new Error("Unknown template options.");\n }\n\n const _ref = opts || {},\n placeholderWhitelist,\n placeholderPattern,\n preserveComments,\n syntacticPlaceholders\n } = _ref,\n parser = _objectWithoutPropertiesLoose(_ref, ["placeholderWhitelist", "placeholderPattern", "preserveComments", "syntacticPlaceholders"]); \n\n if (placeholderWhitelist != null && !(placeholderWhitelist instanceof Set)) {\n throw new Error("'.placeholderWhitelist' must be a Set, null, or undefined");\n }\n\n if (placeholderPattern != null && !(placeholderPattern instanceof RegExp) && placeholderPattern !== false) {\n throw new Error("'.placeholderPattern' must be a RegExp, false, null, or undefined");\n }\n\n if (preserveComments != null && typeof preserveComments !== "boolean") {\n throw new Error("'.preserveComments' must be a boolean, null, or undefined");\n }\n\n if (syntacticPlaceholders != null && typeof syntacticPlaceholders !== "boolean") {\n throw new Error("'.syntacticPlaceholders' must be a boolean, null, or undefined");\n }\n\n if (syntacticPlaceholders === true && (placeholderWhitelist != null || placeholderPattern != null)) {\n throw new Error("'.placeholderWhitelist' and '.placeholderPattern' aren't compatible" + " with '.syntacticPlaceholders: true'");\n }\n\n return {\n parser,\n placeholderWhitelist: placeholderWhitelist || undefined,\n placeholderPattern: placeholderPattern == null ? undefined : placeholderPattern,\n preserveComments: preserveComments == null ? undefined : preserveComments,\n syntacticPlaceholders: syntacticPlaceholders == null ? undefined : syntacticPlaceholders\n };\n}\n\nfunction normalizeReplacements(replacements) {\n if (Array.isArray(replacements)) {\n return replacements.reduce((acc, replacement, i) => {\n acc["$" + i] = replacement;\n return acc;\n }, {});\n }\n\n if (typeof replacements === "object" || replacements == null) {\n return replacements || undefined;\n }\n\n throw new Error("Template replacements must be an array, object, null, or undefined");\n }\n\n}","use strict";\n\nObject.defineProperty(exports, '__esModule', {\n value: true\n});\n\nconst beforeExpr = true;\nconst startsExpr = true;\nconst isLoop = true;\nconst isAssign = true;\nconst prefix = true;\nconst postfix = true;\n\nclass TokenType {\n constructor(label, conf = {}) {\n this.label = void 0;\n this.keyword = void 0;\n this.beforeExpr = void 0;\n this.startsExpr = void 0;\n this.rightAssociative = void 0;\n this.isLoop = void 0;\n this.isAssign = void 0;\n this.prefix = void 0;\n this.postfix = void 0;\n this.binop = void 0;\n this.updateContext = void 0;\n this.label = label;\n this.keyword = conf.keyword;\n this.beforeExpr = !!conf.beforeExpr;\n this.startsExpr = !!conf.startsExpr;\n this.rightAssociative = !!conf.rightAssociative;\n this.isLoop = !!conf.isLoop;\n this.isAssign = !!conf.isAssign;\n this.prefix = !!conf.prefix;\n this.postfix = !!conf.postfix;\n this.binop = conf.binop != null ? conf.binop : null;\n this.updateContext = null;\n }\n\n}\n\nconst keywords = new Map();\n\nfunction createKeyword(name, options = {}) {\n options.keyword = name;\n const token = new TokenType(name, options);\n keywords.set(name, token);\n return token;\n}\n\nfunction createBinop(name, binop) {\n return new TokenType(name, {\n beforeExpr,\n binop\n });\n}\n\nconst types = {\n num: new TokenType("num", {\n startsExpr\n }),\n bigint: new TokenType("bigint", {\n startsExpr\n }),\n decimal: new TokenType("decimal", {\n startsExpr\n }),\n regexp: new TokenType("regexp", {\n startsExpr\n }),\n string: new TokenType("string", {\n startsExpr\n }),\n name: new TokenType("name", {\n startsExpr\n }),\n eof: new TokenType("eof"),\n bracketL: new TokenType("[", {\n beforeExpr,\n startsExpr\n }),\n

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bracketHashL: new TokenType("\#{", {\n beforeExpr,\n startsExpr\n }),\n bracketBarL: new TokenType("\[", {\n beforeExpr,\n startsExpr\n }),\n bracketR: new TokenType("\]"),\n bracketBarR: new TokenType("\]|"),\n braceL: new TokenType("\{", {\n beforeExpr,\n startsExpr\n }),\n braceBarL: new TokenType("\{|", {\n beforeExpr,\n startsExpr\n }),\n braceHashL: new TokenType("\#{", {\n beforeExpr,\n startsExpr\n }),\n braceR: new TokenType("\}"),\n braceBarR: new TokenType("\}|"),\n parenL: new TokenType("(", {\n beforeExpr,\n startsExpr\n }),\n parenR: new TokenType(")"),\n comma: new TokenType(",", {\n beforeExpr\n }),\n semi: new TokenType(";"),\n colon: new TokenType(":"),\n doubleColon: new TokenType("::"),\n dot: new TokenType("."),\n question: new TokenType("?"),\n questionDot: new TokenType("?."),\n arrow: new TokenType("=>", {\n beforeExpr\n }),\n template: new TokenType("template"),\n ellipsis: new TokenType("...", {\n beforeExpr\n }),\n backQuote: new TokenType("`", {\n startsExpr\n }),\n dollarBraceL: new TokenType("${", {\n beforeExpr,\n startsExpr\n }),\n at: new TokenType("@"),\n hash: new TokenType("#", {\n startsExpr\n }),\n interpreterDirective: new TokenType("#!..."),\n eq: new TokenType("="),\n assign: new TokenType("_="),\n isAssign\n }),\n incDec: new TokenType("++/--", {\n prefix,\n postfix,\n startsExpr\n }),\n bang: new TokenType("!", {\n beforeExpr,\n prefix,\n startsExpr\n }),\n tilde: new TokenType("~", {\n beforeExpr,\n prefix,\n startsExpr\n }),\n pipeline: createBinop("|>", 0),\n nullishCoalescing: createBinop("??", 1),\n logicalOR: createBinop("||", 1),\n logicalAND: createBinop("&&", 2),\n bitwiseOR: createBinop("|", 3),\n bitwiseXOR: createBinop("^", 4),\n bitwiseAND: createBinop("&", 5),\n equality: createBinop("==/!===/!="), 6),\n relational: createBinop("</>/<=>=", 7),\n bitShift: createBinop("<</>>/>>>", 8),\n plusMin: new TokenType("+/-", {\n beforeExpr,\n binop: 9,\n prefix,\n startsExpr\n }),\n modulo: new TokenType("%", {\n beforeExpr,\n binop: 10,\n startsExpr\n }),\n star: new TokenType("*", {\n binop: 10\n }),\n slash: createBinop("/", 10),\n exponent: new TokenType("**", {\n beforeExpr,\n binop: 11,\n rightAssociative: true\n }),\n _break: createKeyword("break"),\n _case: createKeyword("case", {\n beforeExpr\n }),\n _catch: createKeyword("catch"),\n _continue: createKeyword("continue"),\n _debugger: createKeyword("debugger"),\n _default: createKeyword("default", {\n beforeExpr\n }),\n _do: createKeyword("do", {\n isLoop,\n beforeExpr\n }),\n _else: createKeyword("else", {\n beforeExpr\n }),\n _finally: createKeyword("finally"),\n _for: createKeyword("for", {\n isLoop\n }),\n _function: createKeyword("function", {\n startsExpr\n }),\n _if: createKeyword("if"),\n _return: createKeyword("return", {\n beforeExpr\n }),\n _switch: createKeyword("switch"),\n _throw: createKeyword("throw", {\n beforeExpr,\n prefix,\n startsExpr\n }),\n _try: createKeyword("try"),\n _var: createKeyword("var"),\n _const: createKeyword("const"),\n _while: createKeyword("while", {\n isLoop\n }),\n _with: createKeyword("with"),\n _new: createKeyword("new", {\n beforeExpr,\n startsExpr\n }),\n _this: createKeyword("this", {\n startsExpr\n }),\n _super: createKeyword("super", {\n startsExpr\n }),\n _class: createKeyword("class", {\n startsExpr\n }),\n _extends: createKeyword("extends", {\n beforeExpr\n }),\n _export: createKeyword("export"),\n _import: createKeyword("import", {\n startsExpr\n }),\n _null: createKeyword("null", {\n startsExpr\n }),\n _true: createKeyword("true", {\n startsExpr\n }),\n _false: createKeyword("false", {\n startsExpr\n }),\n _in: createKeyword("in", {\n beforeExpr,\n binop: 7\n }),\n _instanceof: createKeyword("instanceof", {\n beforeExpr,\n binop: 7\n }),\n _typeof: createKeyword("typeof", {\n beforeExpr,\n prefix,\n startsExpr\n }),\n _void: createKeyword("void", {\n beforeExpr,\n prefix,\n startsExpr\n }),\n _delete: createKeyword("delete", {\n beforeExpr,\n prefix,\n startsExpr\n })};
\nconst SCOPE_OTHER = 0b00000000,\n SCOPE_PROGRAM = 0b00000001,\n SCOPE_FUNCTION = 0b00000010,\n SCOPE_ARROW = 0b00000100,\n SCOPE_SIMPLE_CATCH = 0b00001000,\n SCOPE_SUPER = 0b00010000,\n SCOPE_DIRECT_SUPER = 0b00100000,\n SCOPE_CLASS = 0b01000000,\n SCOPE_TS_MODULE = 0b10000000,\n SCOPE_VAR = SCOPE_PROGRAM | SCOPE_FUNCTION | SCOPE_TS_MODULE;\nconst BIND_KIND_VALUE = 0b000000000001,\n BIND_KIND_TYPE = 0b000000000010,\n BIND_SCOPE_VAR = 0b00000000100,\n BIND_SCOPE_LEXICAL =

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0b00000001000,\n    BIND_SCOPE_FUNCTION = 0b00000010000,\n    BIND_FLAGS_NONE =
0b00001000000,\n    BIND_FLAGS_CLASS = 0b00010000000,\n    BIND_FLAGS_TS_ENUM =
0b00100000000,\n    BIND_FLAGS_TS_CONST_ENUM = 0b01000000000,\n
BIND_FLAGS_TS_EXPORT_ONLY = 0b10000000000;\nconst BIND_CLASS = BIND_KIND_VALUE |
BIND_KIND_TYPE | BIND_SCOPE_LEXICAL | BIND_FLAGS_CLASS,\n    BIND_LEXICAL =
BIND_KIND_VALUE | 0 | BIND_SCOPE_LEXICAL | 0,\n    BIND_VAR = BIND_KIND_VALUE | 0 |
BIND_SCOPE_VAR | 0,\n    BIND_FUNCTION = BIND_KIND_VALUE | 0 | BIND_SCOPE_FUNCTION | 0,\n
    BIND_TS_INTERFACE = 0 | BIND_KIND_TYPE | 0 | BIND_FLAGS_CLASS,\n    BIND_TS_TYPE = 0 |
BIND_KIND_TYPE | 0 | 0,\n    BIND_TS_ENUM = BIND_KIND_VALUE | BIND_KIND_TYPE |
BIND_SCOPE_LEXICAL | BIND_FLAGS_TS_ENUM,\n    BIND_TS_AMBIENT = 0 | 0 | 0 |
BIND_FLAGS_TS_EXPORT_ONLY,\n    BIND_NONE = 0 | 0 | 0 | BIND_FLAGS_NONE,\n
BIND_OUTSIDE = BIND_KIND_VALUE | 0 | 0 | BIND_FLAGS_NONE,\n    BIND_TS_CONST_ENUM =
BIND_TS_ENUM | BIND_FLAGS_TS_CONST_ENUM,\n    BIND_TS_NAMESPACE = 0 | 0 | 0 |
BIND_FLAGS_TS_EXPORT_ONLY;\nconst CLASS_ELEMENT_FLAG_STATIC = 0b100,\n
CLASS_ELEMENT_KIND_GETTER = 0b010,\n    CLASS_ELEMENT_KIND_SETTER = 0b001,\n
CLASS_ELEMENT_KIND_ACCESSOR = CLASS_ELEMENT_KIND_GETTER |
CLASS_ELEMENT_KIND_SETTER;\nconst CLASS_ELEMENT_STATIC_GETTER =
CLASS_ELEMENT_KIND_GETTER | CLASS_ELEMENT_FLAG_STATIC,\n
CLASS_ELEMENT_STATIC_SETTER = CLASS_ELEMENT_KIND_SETTER |
CLASS_ELEMENT_FLAG_STATIC,\n    CLASS_ELEMENT_INSTANCE_GETTER =
CLASS_ELEMENT_KIND_GETTER,\n    CLASS_ELEMENT_INSTANCE_SETTER =
CLASS_ELEMENT_KIND_SETTER,\n    CLASS_ELEMENT_OTHER = 0;\n\nconst lineBreak =
/\r\n?[\n\u2028\u2029]/;\nconst lineBreakG = new RegExp(lineBreak.source, 'g');\nfunction isNewLine(code)
{\n    switch (code) {\n        case 10:\n        case 13:\n        case 8232:\n        case 8233:\n            return true;\n        default:\n            return false;\n    }\n}\nconst skipWhiteSpace = /(?:\s|\\\/\.\*|\\\/\*[\^]*?\\\/\*\/g);\nfunction isWhitespace(code) {\n
switch (code) {\n    case 0x0009:\n    case 0x000b:\n    case 0x000c:\n    case 32:\n    case 160:\n    case 5760:\n    case 0x2000:\n    case 0x2001:\n    case 0x2002:\n    case 0x2003:\n    case 0x2004:\n    case 0x2005:\n    case
0x2006:\n    case 0x2007:\n    case 0x2008:\n    case 0x2009:\n    case 0x200a:\n    case 0x202f:\n    case 0x205f:\n    case 0x3000:\n    case 0xfeff:\n        return true;\n        default:\n            return false;\n    }\n}\n\nclass Position {\n
constructor(line, col) {\n    this.line = void 0;\n    this.column = void 0;\n    this.line = line;\n    this.column = col;\n
}\n}\n\nclass SourceLocation {\n    constructor(start, end) {\n        this.start = void 0;\n        this.end = void 0;\n
this.filename = void 0;\n        this.identifierName = void 0;\n        this.start = start;\n        this.end = end;\n    }\n}\n\nfunction
getLineInfo(input, offset) {\n    let line = 1;\n    let lineStart = 0;\n    let match;\n    lineBreakG.lastIndex = 0;\n    while
((match = lineBreakG.exec(input)) && match.index < offset) {\n        line++;\n        lineStart = lineBreakG.lastIndex;\n
}\n\n    return new Position(line, offset - lineStart);\n}\n\n\nclass BaseParser {\n    constructor() {\n
this.sawUnambiguousESM = false;\n        this.ambiguousScriptDifferentAst = false;\n    }\n\n    hasPlugin(name) {\n
return this.plugins.has(name);\n    }\n\n    getPluginOption(plugin, name) {\n        if (this.hasPlugin(plugin)) return
this.plugins.get(plugin)[name];\n    }\n}\n\nfunction last(stack) {\n    return stack[stack.length - 1];\n}\n\n\nclass
CommentsParser extends BaseParser {\n    addComment(comment) {\n        if (this.filename) comment.loc.filename =
this.filename;\n        this.state.trailingComments.push(comment);\n        this.state.leadingComments.push(comment);\n
}\n\n    adjustCommentsAfterTrailingComma(node, elements, takeAllComments) {\n        if
(this.state.leadingComments.length === 0) {\n            return;\n        }\n        let lastElement = null;\n        let i =
elements.length;\n        while (lastElement === null && i > 0) {\n            lastElement = elements[--i];\n        }\n        if
(lastElement === null) {\n            return;\n        }\n        for (let j = 0; j < this.state.leadingComments.length; j++) {\n            if
(this.state.leadingComments[j].end < this.state.commentPreviousNode.end) {\n
this.state.leadingComments.splice(j, 1);\n                j--;\n            }\n        }\n        const newTrailingComments = [];\n        for (let
i = 0; i < this.state.leadingComments.length; i++) {\n            const leadingComment =
this.state.leadingComments[i];\n            if (leadingComment.end < node.end) {\n

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newTrailingComments.push(leadingComment);\n\n    if (!takeAllComments) {\n
this.state.leadingComments.splice(i, 1);\n    i--;\n    } else {\n    if (node.trailingComments ===
undefined) {\n    node.trailingComments = [];\n    }\n\n    node.trailingComments.push(leadingComment);\n
    }\n\n    if (takeAllComments) this.state.leadingComments = [];\n\n    if (newTrailingComments.length > 0)
{\n    lastElement.trailingComments = newTrailingComments;\n    } else if (lastElement.trailingComments !==
undefined) {\n    lastElement.trailingComments = [];\n    }\n\n    processComment(node) {\n    if (node.type ===
\"Program\" && node.body.length > 0) return;\n    const stack = this.state.commentStack;\n    let firstChild,
lastChild, trailingComments, i, j;\n\n    if (this.state.trailingComments.length > 0) {\n    if
(this.state.trailingComments[0].start >= node.end) {\n    trailingComments = this.state.trailingComments;\n
this.state.trailingComments = [];\n    } else {\n    this.state.trailingComments.length = 0;\n    }\n    } else if
(stack.length > 0) {\n    const lastInStack = last(stack);\n\n    if (lastInStack.trailingComments &&
lastInStack.trailingComments[0].start >= node.end) {\n    trailingComments = lastInStack.trailingComments;\n
delete lastInStack.trailingComments;\n    }\n    }\n\n    if (stack.length > 0 && last(stack).start >= node.start) {\n
firstChild = stack.pop();\n    }\n\n    while (stack.length > 0 && last(stack).start >= node.start) {\n    lastChild =
stack.pop();\n    }\n\n    if (!lastChild && firstChild) lastChild = firstChild;\n\n    if (firstChild) {\n    switch
(node.type) {\n    case \"ObjectExpression\":\n    this.adjustCommentsAfterTrailingComma(node,
node.properties);\n    break;\n\n    case \"ObjectPattern\":\n
this.adjustCommentsAfterTrailingComma(node, node.properties, true);\n    break;\n\n    case
\"CallExpression\":\n    this.adjustCommentsAfterTrailingComma(node, node.arguments);\n    break;\n\n
case \"ArrayExpression\":\n    this.adjustCommentsAfterTrailingComma(node, node.elements);\n
break;\n\n    case \"ArrayPattern\":\n    this.adjustCommentsAfterTrailingComma(node, node.elements,
true);\n    break;\n    }\n    } else if (this.state.commentPreviousNode &&
(this.state.commentPreviousNode.type === \"ImportSpecifier\" && node.type !== \"ImportSpecifier\" ||
this.state.commentPreviousNode.type === \"ExportSpecifier\" && node.type !== \"ExportSpecifier\")) {\n
this.adjustCommentsAfterTrailingComma(node, [this.state.commentPreviousNode]);\n    }\n\n    if (lastChild) {\n
if (lastChild.leadingComments) {\n    if (lastChild !== node && lastChild.leadingComments.length > 0 &&
last(lastChild.leadingComments).end <= node.start) {\n    node.leadingComments =
lastChild.leadingComments;\n    delete lastChild.leadingComments;\n    } else {\n    for (i =
lastChild.leadingComments.length - 2; i >= 0; --i) {\n    if (lastChild.leadingComments[i].end <= node.start)
{\n    node.leadingComments = lastChild.leadingComments.splice(0, i + 1);\n    break;\n    }\n    }\n    }\n    } else if (this.state.leadingComments.length > 0) {\n    if (last(this.state.leadingComments).end
<= node.start) {\n    if (this.state.commentPreviousNode) {\n    for (j = 0; j <
this.state.leadingComments.length; j++) {\n    if (this.state.leadingComments[j].end <
this.state.commentPreviousNode.end) {\n    this.state.leadingComments.splice(j, 1);\n    j--;\n    }\n    }\n    }\n\n    if (this.state.leadingComments.length > 0) {\n    node.leadingComments =
this.state.leadingComments;\n    this.state.leadingComments = [];\n    }\n    } else {\n    for (i = 0; i <
this.state.leadingComments.length; i++) {\n    if (this.state.leadingComments[i].end > node.start) {\n
break;\n    }\n    }\n\n    const leadingComments = this.state.leadingComments.slice(0, i);\n\n    if
(leadingComments.length) {\n    node.leadingComments = leadingComments;\n    }\n\n    trailingComments = this.state.leadingComments.slice(i);\n\n    if (trailingComments.length === 0) {\n
trailingComments = null;\n    }\n    }\n\n    this.state.commentPreviousNode = node;\n\n    if
(trailingComments) {\n    if (trailingComments.length && trailingComments[0].start >= node.start &&
last(trailingComments).end <= node.end) {\n    node.innerComments = trailingComments;\n    } else {\n
const firstTrailingCommentIndex = trailingComments.findIndex(comment => comment.end >= node.end);\n
if (firstTrailingCommentIndex > 0) {\n    node.innerComments = trailingComments.slice(0,
firstTrailingCommentIndex);\n    node.trailingComments =
trailingComments.slice(firstTrailingCommentIndex);\n    } else {\n    node.trailingComments =
trailingComments;\n    }\n    }\n    }\n\n    stack.push(node);\n    }\n\n    }\n\n    const ErrorMessages =

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Object.freeze({\n AccessorIsGenerator: \"A %0ter cannot be a generator\", \n ArgumentsInClass: \"'arguments' is only allowed in functions and class methods\", \n AsyncFunctionInSingleStatementContext: \"Async functions can only be declared at the top level or inside a block\", \n AwaitBindingIdentifier: \"Can not use 'await' as identifier inside an async function\", \n AwaitExpressionFormalParameter: \"await is not allowed in async function parameters\", \n AwaitNotInAsyncContext: \"'await' is only allowed within async functions and at the top levels of modules\", \n AwaitNotInAsyncFunction: \"'await' is only allowed within async functions\", \n BadGetterArity: \"getter must not have any formal parameters\", \n BadSetterArity: \"setter must have exactly one formal parameter\", \n BadSetterRestParameter: \"setter function argument must not be a rest parameter\", \n ConstructorClassField: \"Classes may not have a field named 'constructor'\", \n ConstructorClassPrivateField: \"Classes may not have a private field named '#constructor'\", \n ConstructorIsAccessor: \"Class constructor may not be an accessor\", \n ConstructorIsAsync: \"Constructor can't be an async function\", \n ConstructorIsGenerator: \"Constructor can't be a generator\", \n DeclarationMissingInitializer: \"%0 require an initialization value\", \n DecoratorBeforeExport: \"Decorators must be placed *before* the 'export' keyword. You can set the 'decoratorsBeforeExport' option to false to use the 'export @decorator class {}' syntax\", \n DecoratorConstructor: \"Decorators can't be used with a constructor. Did you mean '@dec class { ... }'?\", \n DecoratorExportClass: \"Using the export keyword between a decorator and a class is not allowed. Please use `export @dec class` instead.\", \n DecoratorSemicolon: \"Decorators must not be followed by a semicolon\", \n DecoratorStaticBlock: \"Decorators can't be used with a static block\", \n DeletePrivateField: \"Deleting a private field is not allowed\", \n DestructureNamedImport: \"ES2015 named imports do not destructure. Use another statement for destructuring after the import.\", \n DuplicateConstructor: \"Duplicate constructor in the same class\", \n DuplicateDefaultExport: \"Only one default export allowed per module.\", \n DuplicateExport: \"%0` has already been exported. Exported identifiers must be unique.\", \n DuplicateProto: \"Redefinition of __proto__ property\", \n DuplicateRegExpFlags: \"Duplicate regular expression flag\", \n DuplicateStaticBlock: \"Duplicate static block in the same class\", \n ElementAfterRest: \"Rest element must be last element\", \n EscapedCharNotAnIdentifier: \"Invalid Unicode escape\", \n ExportBindingIsString: \"A string literal cannot be used as an exported binding without `from`.\\n- Did you mean `export { %0 as '%1' } from 'some-module'?\", \n ExportDefaultFromAsIdentifier: \"'from' is not allowed as an identifier after 'export default'\", \n ForInOfLoopInitializer: \"%0 loop variable declaration may not have an initializer\", \n GeneratorInSingleStatementContext: \"Generators can only be declared at the top level or inside a block\", \n IllegalBreakContinue: \"Unsyntactic %0\", \n IllegalLanguageModeDirective: \"Illegal 'use strict' directive in function with non-simple parameter list\", \n IllegalReturn: \"'return' outside of function\", \n ImportBindingIsString: \"A string literal cannot be used as an imported binding.\\n- Did you mean `import { '%0' as foo }`?\", \n ImportCallArgumentTrailingComma: \"Trailing comma is disallowed inside import(...) arguments\", \n ImportCallArity: \"import() requires exactly %0\", \n ImportCallNotNewExpression: \"Cannot use new with import(...)\", \n ImportCallSpreadArgument: \"... is not allowed in import()\", \n ImportMetaOutsideModule: `import.meta may appear only with 'sourceType: 'module'`, \n ImportOutsideModule: `import` and `export` may appear only with 'sourceType: 'module'`, \n InvalidBigIntLiteral: \"Invalid BigIntLiteral\", \n InvalidCodePoint: \"Code point out of bounds\", \n InvalidDecimal: \"Invalid decimal\", \n InvalidDigit: \"Expected number in radix %0\", \n InvalidEscapeSequence: \"Bad character escape sequence\", \n InvalidEscapeSequenceTemplate: \"Invalid escape sequence in template\", \n InvalidEscapedReservedWord: \"Escape sequence in keyword %0\", \n InvalidIdentifier: \"Invalid identifier %0\", \n InvalidLhs: \"Invalid left-hand side in %0\", \n InvalidLhsBinding: \"Binding invalid left-hand side in %0\", \n InvalidNumber: \"Invalid number\", \n InvalidOrMissingExponent: \"Floating-point numbers require a valid exponent after the 'e'\", \n InvalidOrUnexpectedToken: \"Unexpected character '%0'\", \n InvalidParenthesizedAssignment: \"Invalid parenthesized assignment pattern\", \n InvalidPrivateFieldResolution: \"Private name #%0 is not defined\", \n InvalidPropertyBindingPattern: \"Binding member expression\", \n InvalidRecordProperty: \"Only properties and spread elements are allowed in record definitions\", \n InvalidRestAssignmentPattern: \"Invalid rest operator's argument\", \n LabelRedeclaration: \"Label '%0' is already declared\", \n LetInLexicalBinding: \"'let' is not allowed to be used as a name in 'let' or 'const' declarations.\", \n LineTerminatorBeforeArrow: \"No line break is allowed before '=>\", \n

MalformedRegExpFlags: \"Invalid regular expression flag\", \n MissingClassName: \"A class name is required\", \n MissingEqInAssignment: \"Only '=' operator can be used for specifying default value.\", \n MissingUnicodeEscape: \"Expecting Unicode escape sequence \\uXXXX\", \n MixingCoalesceWithLogical: \"Nullish coalescing operator(??) requires parens when mixing with logical operators\", \n ModuleAttributeDifferentFromType: \"The only accepted module attribute is `type`\", \n ModuleAttributeInvalidValue: \"Only string literals are allowed as module attribute values\", \n ModuleAttributesWithDuplicateKeys: 'Duplicate key \"%0\" is not allowed in module attributes', \n ModuleExportNameHasLoneSurrogate: \"An export name cannot include a lone surrogate, found '\\u%0'\", \n ModuleExportUndefined: \"Export '%0' is not defined\", \n MultipleDefaultsInSwitch: \"Multiple default clauses\", \n NewlineAfterThrow: \"Illegal newline after throw\", \n NoCatchOrFinally: \"Missing catch or finally clause\", \n NumberIdentifier: \"Identifier directly after number\", \n NumericSeparatorInEscapeSequence: \"Numeric separators are not allowed inside unicode escape sequences or hex escape sequences\", \n ObsoleteAwaitStar: \"await* has been removed from the async functions proposal. Use Promise.all() instead.\", \n OptionalChainingNoNew: \"constructors in/after an Optional Chain are not allowed\", \n OptionalChainingNoTemplate: \"Tagged Template Literals are not allowed in optionalChain\", \n ParamDupe: \"Argument name clash\", \n PatternHasAccessor: \"Object pattern can't contain getter or setter\", \n PatternHasMethod: \"Object pattern can't contain methods\", \n PipelineBodyNoArrow: 'Unexpected arrow \"=>\" after pipeline body; arrow function in pipeline body must be parenthesized', \n PipelineBodySequenceExpression: \"Pipeline body may not be a comma-separated sequence expression\", \n PipelineHeadSequenceExpression: \"Pipeline head should not be a comma-separated sequence expression\", \n PipelineTopicUnused: \"Pipeline is in topic style but does not use topic reference\", \n PrimaryTopicNotAllowed: \"Topic reference was used in a lexical context without topic binding\", \n PrimaryTopicRequiresSmartPipeline: \"Primary Topic Reference found but pipelineOperator not passed 'smart' for 'proposal' option.\", \n PrivateInExpectedIn: \"Private names are only allowed in property accesses (obj.##%0) or in `in` expressions (##%0 in obj)\", \n PrivateNameRedeclaration: \"Duplicate private name ##%0\", \n RecordExpressionBarIncorrectEndSyntaxType: \"Record expressions ending with `}` are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'bar'\", \n RecordExpressionBarIncorrectStartSyntaxType: \"Record expressions starting with `{` are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'bar'\", \n RecordExpressionHashIncorrectStartSyntaxType: \"Record expressions starting with `#{` are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'hash'\", \n RecordNoProto: \"`__proto__` is not allowed in Record expressions\", \n RestTrailingComma: \"Unexpected trailing comma after rest element\", \n SloppyFunction: \"In non-strict mode code, functions can only be declared at top level, inside a block, or as the body of an if statement\", \n StaticPrototype: \"Classes may not have static property named prototype\", \n StrictDelete: \"Deleting local variable in strict mode\", \n StrictEvalArguments: \"Assigning to '%0' in strict mode\", \n StrictEvalArgumentsBinding: \"Binding '%0' in strict mode\", \n StrictFunction: \"In strict mode code, functions can only be declared at top level or inside a block\", \n StrictNumericEscape: \"The only valid numeric escape in strict mode is '\\0'\", \n StrictOctalLiteral: \"Legacy octal literals are not allowed in strict mode\", \n StrictWith: \"`with` in strict mode\", \n SuperNotAllowed: \"super() is only valid inside a class constructor of a subclass. Maybe a typo in the method name ('constructor') or not extending another class?\", \n SuperPrivateField: \"Private fields can't be accessed on super\", \n TrailingDecorator: \"Decorators must be attached to a class element\", \n TupleExpressionBarIncorrectEndSyntaxType: \"Tuple expressions ending with `}` are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'bar'\", \n TupleExpressionBarIncorrectStartSyntaxType: \"Tuple expressions starting with `[` are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'bar'\", \n TupleExpressionHashIncorrectStartSyntaxType: \"Tuple expressions starting with `#{` are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'hash'\", \n UnexpectedArgumentPlaceholder: \"Unexpected argument placeholder\", \n UnexpectedAwaitAfterPipelineBody: 'Unexpected `await` after pipeline body; await must have parentheses in minimal proposal', \n UnexpectedDigitAfterHash: \"Unexpected digit after hash token\", \n UnexpectedImportExport: \"`import` and `export` may only appear at the top level\", \n UnexpectedKeyword: \"Unexpected keyword '%0'\", \n

UnexpectedLeadingDecorator: \"Leading decorators must be attached to a class declaration\",
 UnexpectedLexicalDeclaration: \"Lexical declaration cannot appear in a single-statement context\",
 UnexpectedNewTarget: \"new.target can only be used in functions\", UnexpectedNumericSeparator: \"A numeric separator is only allowed between two digits\",
 UnexpectedPrivateField: \"Private names can only be used as the name of a class element (i.e. class C { #p = 42; #m() { } }) or a property of member expression (i.e. this.#p),
 UnexpectedReservedWord: \"Unexpected reserved word '%0'\", UnexpectedSuper: \"super is only allowed in object methods and classes\",
 UnexpectedToken: \"Unexpected token '%0'\",
 UnexpectedTokenUnaryExponentiation: \"Illegal expression. Wrap left hand side or entire exponentiation in parentheses\",
 UnsupportedBind: \"Binding should be performed on object property\",
 UnsupportedDecoratorExport: \"A decorated export must export a class declaration\",
 UnsupportedDefaultExport: \"Only expressions, functions or classes are allowed as the `default` export\",
 UnsupportedImport: \"import can only be used in import() or import.meta\",
 UnsupportedMetaProperty: \"The only valid meta property for %0 is %0.%1\",
 UnsupportedParameterDecorator: \"Decorators cannot be used to decorate parameters\",
 UnsupportedPropertyDecorator: \"Decorators cannot be used to decorate object literal properties\",
 UnsupportedSuper: \"super can only be used with function calls (i.e. super()) or in property accesses (i.e. super.prop or super[prop])\",
 UnterminatedComment: \"Unterminated comment\",
 UnterminatedRegExp: \"Unterminated regular expression\",
 UnterminatedString: \"Unterminated string constant\",
 UnterminatedTemplate: \"Unterminated template\",
 VarRedeclaration: \"Identifier '%0' has already been declared\",
 YieldBindingIdentifier: \"Can not use 'yield' as identifier inside a generator\",
 YieldInParameter: \"Yield expression is not allowed in formal parameters\",
 ZeroDigitNumericSeparator: \"Numeric separator can not be used after leading 0\",
 class ParserError extends CommentsParser {
 getLocationForPosition(pos) {
 let loc;
 if (pos === this.state.start) loc = this.state.startLoc;
 else if (pos === this.state.lastTokStart) loc = this.state.lastTokStartLoc;
 else if (pos === this.state.end) loc = this.state.endLoc;
 else if (pos === this.state.lastTokEnd) loc = this.state.lastTokEndLoc;
 else loc = getLineInfo(this.input, pos);
 return loc;
 }
 raise(pos, errorTemplate, ...params) {
 return this.raiseWithData(pos, undefined, errorTemplate, ...params);
 }
 raiseWithData(pos, data, errorTemplate, ...params) {
 const loc = this.getLocationForPosition(pos);
 const message = errorTemplate.replace(/%(\d+)/g, (_, i) => params[i] + ` (\${loc.line}:\${loc.column})`);
 return this._raise(Object.assign({
 loc,
 pos,
 }, data), message);
 }
 _raise(errorContext, message) {
 const err = new SyntaxError(message);
 Object.assign(err, errorContext);
 if (this.options.errorRecovery) {
 if (!this.isLookahead) this.state.errors.push(err);
 return err;
 } else {
 throw err;
 }
 }
 isSimpleProperty(node) {
 return node != null && node.type === \"Property\" && node.kind === \"init\" && node.method === false;
 }
 nvar estree = (superClass => class extends superClass {
 estreeParseRegExpLiteral({
 pattern,
 flags,
 }) {
 let regex = null;
 try {
 regex = new RegExp(pattern, flags);
 } catch (e) {}
 const node = this.estreeParseLiteral(regex);
 node.regex = {
 pattern,
 flags,
 };
 return node;
 }
 estreeParseBigIntLiteral(value) {
 const bigInt = typeof BigInt !== \"undefined\" ? BigInt(value) : null;
 const node = this.estreeParseLiteral(bigInt);
 node.bigint = String(node.value || value);
 return node;
 }
 estreeParseDecimalLiteral(value) {
 const decimal = null;
 const node = this.estreeParseLiteral(decimal);
 node.decimal = String(node.value || value);
 return node;
 }
 estreeParseLiteral(value) {
 return this.parseLiteral(value, \"Literal\");
 }
 directiveToStmt(directive) {
 const directiveLiteral = directive.value;
 const stmt = this.startNodeAt(directive.start, directive.loc.start);
 const expression = this.startNodeAt(directiveLiteral.start, directiveLiteral.loc.start);
 expression.value = directiveLiteral.value;
 expression.raw = directiveLiteral.extra.raw;
 stmt.expression = this.finishNodeAt(expression, \"Literal\", directiveLiteral.end, directiveLiteral.loc.end);
 stmt.directive = directiveLiteral.extra.raw.slice(1, -1);
 return this.finishNodeAt(stmt, \"ExpressionStatement\", directive.end, directive.loc.end);
 }
 initFunction(node, isAsync) {
 super.initFunction(node, isAsync);
 node.expression = false;
 }
 checkDeclaration(node) {
 if (isSimpleProperty(node)) {
 this.checkDeclaration(node.value);
 } else {
 super.checkDeclaration(node);
 }
 }
 getObjectOrClassMethodParams(method) {
 return method.value.params;
 }
 checkLVal(expr, bindingType)
 }
 }

```

= BIND_NONE, checkClashes, contextDescription, disallowLetBinding) {\n  switch (expr.type) {\n    case
\"ObjectPattern\":\n      expr.properties.forEach(prop => {\n        this.checkLVal(prop.type === \"Property\" ?
prop.value : prop, bindingType, checkClashes, \"object destructuring pattern\", disallowLetBinding);\n      });\n      break;\n      default:\n        super.checkLVal(expr, bindingType, checkClashes, contextDescription,
disallowLetBinding);\n    }\n  }\n  checkProto(prop, isRecord, protoRef, refExpressionErrors) {\n    if
(prop.method) {\n      return;\n    }\n    super.checkProto(prop, isRecord, protoRef, refExpressionErrors);\n  }\n  isValidDirective(stmt) {\n    var _stmt$expression$extr;\n    return stmt.type === \"ExpressionStatement\" &&
stmt.expression.type === \"Literal\" && typeof stmt.expression.value === \"string\" && !((_stmt$expression$extr =
stmt.expression.extra) == null ? void 0 : _stmt$expression$extr.parenthesized);\n  }\n  stmtToDirective(stmt) {\n    const directive = super.stmtToDirective(stmt);\n    const value = stmt.expression.value;\n    directive.value.value =
value;\n    return directive;\n  }\n  parseBlockBody(node, allowDirectives, topLevel, end) {\n    super.parseBlockBody(node, allowDirectives, topLevel, end);\n    const directiveStatements = node.directives.map(d
=> this.directiveToStmt(d);\n    node.body = directiveStatements.concat(node.body);\n    delete node.directives;\n  }\n  pushClassMethod(classBody, method, isGenerator, isAsync, isConstructor, allowsDirectSuper) {\n    this.parseMethod(method, isGenerator, isAsync, isConstructor, allowsDirectSuper, \"ClassMethod\", true);\n    if
(method.typeParameters) {\n      method.value.typeParameters = method.typeParameters;\n      delete
method.typeParameters;\n    }\n    classBody.body.push(method);\n  }\n  parseExprAtom(refExpressionErrors)
{\n    switch (this.state.type) {\n      case types.num:\n      case types.string:\n        return
this.estreeParseLiteral(this.state.value);\n      case types.regexp:\n        return
this.estreeParseRegExpLiteral(this.state.value);\n      case types.bigint:\n        return
this.estreeParseBigIntLiteral(this.state.value);\n      case types.decimal:\n        return
this.estreeParseDecimalLiteral(this.state.value);\n      case types._null:\n        return
this.estreeParseLiteral(null);\n      case types._true:\n        return this.estreeParseLiteral(true);\n      case
types._false:\n        return this.estreeParseLiteral(false);\n      default:\n        return
super.parseExprAtom(refExpressionErrors);\n    }\n  }\n  parseLiteral(value, type, startPos, startLoc) {\n    const
node = super.parseLiteral(value, type, startPos, startLoc);\n    node.raw = node.extra.raw;\n    delete node.extra;\n    return node;\n  }\n  parseFunctionBody(node, allowExpression, isMethod = false) {\n    super.parseFunctionBody(node, allowExpression, isMethod);\n    node.expression = node.body.type !==
\"BlockStatement\";\n  }\n  parseMethod(node, isGenerator, isAsync, isConstructor, allowDirectSuper, type,
inClassScope = false) {\n    let funcNode = this.startNode();\n    funcNode.kind = node.kind;\n    funcNode =
super.parseMethod(funcNode, isGenerator, isAsync, isConstructor, allowDirectSuper, type, inClassScope);\n    funcNode.type = \"FunctionExpression\";\n    delete funcNode.kind;\n    node.value = funcNode;\n    type = type
=== \"ClassMethod\" ? \"MethodDefinition\" : type;\n    return this.finishNode(node, type);\n  }\n  parseObjectMethod(prop, isGenerator, isAsync, isPattern, isAccessor) {\n    const node =
super.parseObjectMethod(prop, isGenerator, isAsync, isPattern, isAccessor);\n    if (node) {\n      node.type =
\"Property\";\n      if (node.kind === \"method\") node.kind = \"init\";\n      node.shorthand = false;\n    }\n    return
node;\n  }\n  parseObjectProperty(prop, startPos, startLoc, isPattern, refExpressionErrors) {\n    const node =
super.parseObjectProperty(prop, startPos, startLoc, isPattern, refExpressionErrors);\n    if (node) {\n      node.kind
= \"init\";\n      node.type = \"Property\";\n    }\n    return node;\n  }\n  toAssignable(node) {\n    if
(isSimpleProperty(node)) {\n      this.toAssignable(node.value);\n      return node;\n    }\n    return
super.toAssignable(node);\n  }\n  toAssignableObjectExpressionProp(prop, isLast) {\n    if (prop.kind === \"get\"
|| prop.kind === \"set\") {\n      throw this.raise(prop.key.start, ErrorMessages.PatternHasAccessor);\n    } else if
(prop.method) {\n      throw this.raise(prop.key.start, ErrorMessages.PatternHasMethod);\n    } else {\n      super.toAssignableObjectExpressionProp(prop, isLast);\n    }\n  }\n  finishCallExpression(node, optional) {\n    super.finishCallExpression(node, optional);\n    if (node.callee.type === \"Import\") {\n      node.type =
\"ImportExpression\";\n      node.source = node.arguments[0];\n      delete node.arguments;\n      delete
node.callee;\n    }\n    return node;\n  }\n  toReferencedArguments(node) {\n    if (node.type ===
\"ImportExpression\") {\n      return;\n    }\n    super.toReferencedArguments(node);\n  }\n  parseExport(node)

```


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\\ufb3c\\ufb3e\\ufb40\\ufb41\\ufb43\\ufb44\\ufb46-\\ufbb1\\ufbd3-\\ufd3d\\ufd50-\\ufd8f\\ufd92-\\ufdc7\\ufdf0-
\\ufdfb\\ufe70-\\ufe74\\ufe76-\\ufefc\\uff21-\\uff3a\\uff41-\\uff5a\\uff66-\\uffbe\\uffc2-\\uffc7\\uffca-\\uffcf\\uffd2-
\\uffd7\\uffda-\\uffdc";nlet nonASCIIdentifierChars = "|"\\u200c\\u200d\\xb7\\u0300-\\u036f\\u0387\\u0483-
\\u0487\\u0591-\\u05bd\\u05bf\\u05c1\\u05c2\\u05c4\\u05c5\\u05c7\\u0610-\\u061a\\u064b-\\u0669\\u0670\\u06d6-
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\\uaab4\\uaab7\\uaab8\\uaabe\\uaabf\\uaac1\\uaaeb-\\uaaef\\uaaf5\\uaaf6\\uabe3-\\uabea\\uabec\\uabed\\uabf0-
\\uabf9\\ufb1e\\ufe00-\\ufe0f\\ufe20-\\ufe2f\\ufe33\\ufe34\\ufe4d-\\ufe4f\\uff10-\\uff19\\uff3f";\nconst
nonASCIIIdentifierStart = new RegExp("[\\\" + nonASCIIIdentifierStartChars + '\\\"]");\nconst nonASCIIIdentifier =
new RegExp("[\\\" + nonASCIIIdentifierStartChars + nonASCIIIdentifierChars +
\\\"]");\nnonASCIIIdentifierStartChars = nonASCIIIdentifierChars = null;\nconst astralIdentifierStartCodes = [0, 11,
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2749, 1070, 4050, 582, 8634, 568, 8, 30, 114, 29, 19, 47, 17, 3, 32, 20, 6, 18, 689, 63, 129, 74, 6, 0, 67, 12, 65, 1, 2,
0, 29, 6135, 9, 1237, 43, 8, 8952, 286, 50, 2, 18, 3, 9, 395, 2309, 106, 6, 12, 4, 8, 8, 9, 5991, 84, 2, 70, 2, 1, 3, 0, 3, 1,
3, 3, 2, 11, 2, 0, 2, 6, 2, 64, 2, 3, 3, 7, 2, 6, 2, 27, 2, 3, 2, 4, 2, 0, 4, 6, 2, 339, 3, 24, 2, 24, 2, 30, 2, 24, 2, 30, 2, 24, 2,
30, 2, 24, 2, 30, 2, 24, 2, 7, 2357, 44, 11, 6, 17, 0, 370, 43, 1301, 196, 60, 67, 8, 0, 1205, 3, 2, 26, 2, 1, 2, 0, 3, 0, 2, 9,
2, 3, 2, 0, 2, 0, 7, 0, 5, 0, 2, 0, 2, 0, 2, 2, 1, 2, 0, 3, 0, 2, 0, 2, 0, 2, 0, 2, 0, 2, 1, 2, 0, 3, 3, 2, 6, 2, 3, 2, 3, 2, 0, 2, 9, 2,
16, 6, 2, 2, 4, 2, 16, 4421, 42717, 35, 4148, 12, 221, 3, 5761, 15, 7472, 3104, 541, 1507, 4938];\nconst
astralIdentifierCodes = [509, 0, 227, 0, 150, 4, 294, 9, 1368, 2, 2, 1, 6, 3, 41, 2, 5, 0, 166, 1, 574, 3, 9, 9, 370, 1, 154,
10, 176, 2, 54, 14, 32, 9, 16, 3, 46, 10, 54, 9, 7, 2, 37, 13, 2, 9, 6, 1, 45, 0, 13, 2, 49, 13, 9, 3, 2, 11, 83, 11, 7, 0, 161,
11, 6, 9, 7, 3, 56, 1, 2, 6, 3, 1, 3, 2, 10, 0, 11, 1, 3, 6, 4, 4, 193, 17, 10, 9, 5, 0, 82, 19, 13, 9, 214, 6, 3, 8, 28, 1, 83, 16,
16, 9, 82, 12, 9, 9, 84, 14, 5, 9, 243, 14, 166, 9, 71, 5, 2, 1, 3, 3, 2, 0, 2, 1, 13, 9, 120, 6, 3, 6, 4, 0, 29, 9, 41, 6, 2, 3, 9,
0, 10, 10, 47, 15, 406, 7, 2, 7, 17, 9, 57, 21, 2, 13, 123, 5, 4, 0, 2, 1, 2, 6, 2, 0, 9, 9, 49, 4, 2, 1, 2, 4, 9, 9, 330, 3,
19306, 9, 135, 4, 60, 6, 26, 9, 1014, 0, 2, 54, 8, 3, 82, 0, 12, 1, 19628, 1, 5319, 4, 4, 5, 9, 7, 3, 6, 31, 3, 149, 2, 1418,
49, 513, 54, 5, 49, 9, 0, 15, 0, 23, 4, 2, 14, 1361, 6, 2, 16, 3, 6, 2, 1, 2, 4, 262, 6, 10, 9, 419, 13, 1495, 6, 110, 6, 6, 9,

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4759, 9, 787719, 239];\n\nfunction isInAstralSet(code, set) {\n  let pos = 0x10000;\n  for (let i = 0, length =
set.length; i < length; i += 2) {\n    pos += set[i];\n    if (pos > code) return false;\n    pos += set[i + 1];\n    if (pos >=
code) return true;\n  }\n  return false;\n}\n\nfunction isIdentifierStart(code) {\n  if (code < 65) return code ===
36;\n  if (code <= 90) return true;\n  if (code < 97) return code === 95;\n  if (code <= 122) return true;\n\n  if (code
<= 0xffff) {\n    return code >= 0xaa && nonASCIIIdentifierStart.test(String.fromCharCode(code));\n  }\n  return
isInAstralSet(code, astralIdentifierStartCodes);\n}\n\nfunction isIdentifierChar(code) {\n  if (code < 48) return code
=== 36;\n  if (code < 58) return true;\n  if (code < 65) return false;\n  if (code <= 90) return true;\n  if (code < 97)
return code === 95;\n  if (code <= 122) return true;\n\n  if (code <= 0xffff) {\n    return code >= 0xaa &&
nonASCIIIdentifierStart.test(String.fromCharCode(code));\n  }\n  return isInAstralSet(code, astralIdentifierStartCodes)
|| isInAstralSet(code, astralIdentifierCodes);\n}\n\nconst reservedWords = {\n  keyword: ["break", "case",
"catch", "continue", "debugger", "default", "do", "else", "finally", "for", "function", "if", "return",
"switch", "throw", "try", "var", "const", "while", "with", "new", "this", "super", "class", "extends",
"export", "import", "null", "true", "false", "in", "instanceof", "typeof", "void", "delete"],\n  strict:
["implements", "interface", "let", "package", "private", "protected", "public", "static", "yield"],\n  strictBind:
["eval", "arguments"]\n};\n\nconst keywords$1 = new Set(reservedWords.keyword);\n\nconst
reservedWordsStrictSet = new Set(reservedWords.strict);\n\nconst reservedWordsStrictBindSet = new
Set(reservedWords.strictBind);\n\nfunction isReservedWord(word, inModule) {\n  return inModule && word ===
"await" || word === "enum";\n}\n\nfunction isStrictReservedWord(word, inModule) {\n  return
isReservedWord(word, inModule) || reservedWordsStrictSet.has(word);\n}\n\nfunction
isStrictBindOnlyReservedWord(word) {\n  return reservedWordsStrictBindSet.has(word);\n}\n\nfunction
isStrictBindReservedWord(word, inModule) {\n  return isStrictReservedWord(word, inModule) ||
isStrictBindOnlyReservedWord(word);\n}\n\nfunction isKeyword(word) {\n  return
keywords$1.has(word);\n}\n\nconst keywordRelationalOperator = /^(in|stanceof)?$/;\n\nfunction
isIteratorStart(current, next) {\n  return current === 64 && next === 64;\n}\n\nconst reservedTypes = new
Set(["_", "any", "bool", "boolean", "empty", "extends", "false", "interface", "mixed", "null",
"number", "static", "string", "true", "typeof", "void"]);\n\nconst FlowErrors = Object.freeze({\n  AmbiguousConditionalArrow: "Ambiguous expression: wrap the arrow functions in parentheses to
disambiguate.",\n  AmbiguousDeclareModuleKind: "Found both `declare module.exports` and `declare export` in
the same module. Modules can only have 1 since they are either an ES module or they are a CommonJS module",\n  AssignReservedType: "Cannot overwrite reserved type %0",\n  DeclareClassElement: "The `declare` modifier can
only appear on class fields.",\n  DeclareClassFieldInitializer: "Initializers are not allowed in fields with the
`declare` modifier.",\n  DuplicateDeclareModuleExports: "Duplicate `declare module.exports` statement",\n  EnumBooleanMemberNotInitialized: "Boolean enum members need to be initialized. Use either `%0 = true,` or
`%0 = false,` in enum `%1`.",\n  EnumDuplicateMemberName: "Enum member names need to be unique, but the
name `%0` has already been used before in enum `%1`.",\n  EnumInconsistentMemberValues: "Enum `%0` has
inconsistent member initializers. Either use no initializers, or consistently use literals (either booleans, numbers, or
strings) for all member initializers.",\n  EnumInvalidExplicitType: "Enum type `%1` is not valid. Use one of
`boolean`, `number`, `string`, or `symbol` in enum `%0`.",\n  EnumInvalidExplicitTypeUnknownSupplied:
"Supplied enum type is not valid. Use one of `boolean`, `number`, `string`, or `symbol` in enum `%0`.",\n  EnumInvalidMemberInitializerPrimaryType: "Enum `%0` has type `%2`, so the initializer of `%1` needs to be a %2
literal.",\n  EnumInvalidMemberInitializerSymbolType: "Symbol enum members cannot be initialized. Use `%1,`
in enum `%0`.",\n  EnumInvalidMemberInitializerUnknownType: "The enum member initializer for `%1` needs to
be a literal (either a boolean, number, or string) in enum `%0`.",\n  EnumInvalidMemberName: "Enum member
names cannot start with lowercase 'a' through 'z'. Instead of using `%0`, consider using `%1`, in enum `%2`.",\n  EnumNumberMemberNotInitialized: "Number enum members need to be initialized, e.g. `%1 = 1` in enum
`%0`.",\n  EnumStringMemberInconsistentlyInitailized: "String enum members need to consistently either all use
initializers, or use no initializers, in enum `%0`.",\n  ImportTypeShorthandOnlyInPureImport: "The `type` and
`typeof` keywords on named imports can only be used on regular `import` statements. It cannot be used with `import

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type` or `import typeof` statements`\n InexactInsideExact: `Explicit inexact syntax cannot appear inside an explicit exact object type`\n InexactInsideNonObject: `Explicit inexact syntax cannot appear in class or interface definitions`\n InexactVariance: `Explicit inexact syntax cannot have variance`\n

InvalidNonTypeImportInDeclareModule: `Imports within a `declare module` body must always be `import type` or `import typeof`\n MissingTypeParamDefault: `Type parameter declaration needs a default, since a preceding type parameter declaration has a default.`,\n NestedDeclareModule: `declare module` cannot be used inside another `declare module`\n NestedFlowComment: `Cannot have a flow comment inside another flow comment`\n OptionalBindingPattern: `A binding pattern parameter cannot be optional in an implementation signature.`,\n SpreadVariance: `Spread properties cannot have variance`\n TypeBeforeInitializer: `Type annotations must come before default assignments, e.g. instead of `age = 25: number` use `age: number = 25`\n

TypeCastInPattern: `The type cast expression is expected to be wrapped with parenthesis`\n UnexpectedExplicitInexactInObject: `Explicit inexact syntax must appear at the end of an inexact object`\n UnexpectedReservedType: `Unexpected reserved type %0`\n UnexpectedReservedUnderscore: `^_` is only allowed as a type argument to call or new`\n UnexpectedSpaceBetweenModuloChecks: `Spaces between ` ` and `checks` are not allowed here.`,\n UnexpectedSpreadType: `Spread operator cannot appear in class or interface definitions`\n UnexpectedSubtractionOperand: `Unexpected token, expected `number` or `bigint`\n

UnexpectedTokenAfterTypeParameter: `Expected an arrow function after this type parameter declaration`\n UnexpectedTypeParameterBeforeAsyncArrowFunction: `Type parameters must come after the async keyword, e.g. instead of `

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UnterminatedFlowComment: `Unterminated flow-comment`\n});\n\nfunction isEsModuleType(bodyElement) {\n  return bodyElement.type === `DeclareExportAllDeclaration` || bodyElement.type === `DeclareExportDeclaration` && (!bodyElement.declaration || bodyElement.declaration.type !== `TypeAlias` && bodyElement.declaration.type !== `InterfaceDeclaration`);\n}\n\nfunction hasTypeImportKind(node) {\n  return node.importKind === `type` || node.importKind === `typeof`;\n}\n\nfunction isMaybeDefaultImport(state) {\n  return (state.type === types.name || !!state.type.keyword) && state.value !== `from`;\n}\n\nconst exportSuggestions = {\n  const: `declare export var`,\n  let: `declare export var`,\n  type: `export type`,\n  interface: `export interface`\n};\n\nfunction partition(list, test) {\n  const list1 = [];\n  const list2 = [];\n  for (let i = 0; i < list.length; i++) {\n    (test(list[i], i, list) ? list1 : list2).push(list[i]);\n  }\n  return [list1, list2];\n}\n\nconst FLOW_PRAGMA_REGEX = /^(?:s*@@((?:no)?flow))\b/;\nvar flow = (superClass => {\n  var _temp;\n  return _temp = class extends superClass {\n    constructor(options, input) {\n      super(options, input);\n    }\n    this.flowPragma = void 0;\n    this.flowPragma = undefined;\n  }\n  shouldParseTypes() {\n    return this.getPluginOption(`flow`, `all`) || this.flowPragma === `flow`;\n  }\n  shouldParseEnums() {\n    return !!this.getPluginOption(`flow`, `enums`);\n  }\n  finishToken(type, val) {\n    if (type !== types.string && type !== types.semi && type !== types.interpreterDirective) {\n      if (this.flowPragma === undefined) {\n        this.flowPragma = null;\n      }\n      return super.finishToken(type, val);\n    }\n  }\n  addComment(comment) {\n    if (this.flowPragma === undefined) {\n      const matches = FLOW_PRAGMA_REGEX.exec(comment.value);\n      if (!matches) ; else if (matches[1] === `flow`) {\n        this.flowPragma = `flow`;\n      } else if (matches[1] === `noflow`) {\n        this.flowPragma = `noflow`;\n      } else {\n        throw new Error(`Unexpected flow pragma`);\n      }\n    }\n    return super.addComment(comment);\n  }\n  flowParseTypeInitialiser(tok) {\n    const oldInType = this.state.inType;\n    this.state.inType = true;\n    this.expect(tok || types.colon);\n    const type = this.flowParseType();\n    this.state.inType = oldInType;\n    return type;\n  }\n  flowParsePredicate() {\n    const node = this.startNode();\n    const moduloLoc = this.state.startLoc;\n    const moduloPos = this.state.start;\n    this.expect(types.modulo);\n    const checksLoc = this.state.startLoc;\n    this.expectContextual(`checks`);\n    if (moduloLoc.line !== checksLoc.line || moduloLoc.column !== checksLoc.column - 1) {\n      this.raise(moduloPos, FlowErrors.UnexpectedSpaceBetweenModuloChecks);\n    }\n    if
  
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(this.eat(types.parenL)) {\n    node.value = this.parseExpression();\n    this.expect(types.parenR);\n    return\n    this.finishNode(node, \"DeclaredPredicate\");\n  } else {\n    return this.finishNode(node,\n    \"InferredPredicate\");\n  }\n}\n\nflowParseTypeAndPredicateInitialiser() {\n  const oldInType =\n  this.state.inType;\n  this.state.inType = true;\n  this.expect(types.colon);\n  let type = null;\n  let predicate\n  = null;\n\n  if (this.match(types.modulo)) {\n    this.state.inType = oldInType;\n    predicate =\n    this.flowParsePredicate();\n  } else {\n    type = this.flowParseType();\n    this.state.inType = oldInType;\n\n    if (this.match(types.modulo)) {\n      predicate = this.flowParsePredicate();\n    }\n  }\n\n  return [type,\n  predicate];\n}\n\nflowParseDeclareClass(node) {\n  this.next();\n  this.flowParseInterfaceish(node, true);\n  return this.finishNode(node, \"DeclareClass\");\n}\n\nflowParseDeclareFunction(node) {\n  this.next();\n  const id = node.id = this.parseIdentifier();\n  const typeNode = this.startNode();\n  const typeContainer =\n  this.startNode();\n\n  if (this.isRelational(\"<\")) {\n    typeNode.typeParameters =\n    this.flowParseTypeParameterDeclaration();\n  } else {\n    typeNode.typeParameters = null;\n  }\n\n  this.expect(types.parenL);\n  const tmp = this.flowParseFunctionTypeParams();\n  typeNode.params =\n  tmp.params;\n  typeNode.rest = tmp.rest;\n  this.expect(types.parenR);\n  [typeNode.returnType,\n  node.predicate] = this.flowParseTypeAndPredicateInitialiser();\n  typeContainer.typeAnnotation =\n  this.finishNode(typeNode, \"FunctionTypeAnnotation\");\n  id.typeAnnotation = this.finishNode(typeContainer,\n  \"TypeAnnotation\");\n  this.resetEndLocation(id);\n  this.semicolon();\n  return this.finishNode(node,\n  \"DeclareFunction\");\n}\n\nflowParseDeclare(node, insideModule) {\n  if (this.match(types._class)) {\n    return this.flowParseDeclareClass(node);\n  } else if (this.match(types._function)) {\n    return\n    this.flowParseDeclareFunction(node);\n  } else if (this.match(types._var)) {\n    return\n    this.flowParseDeclareVariable(node);\n  } else if (this.eatContextual(\"module\")) {\n    if\n    (this.match(types.dot)) {\n      return this.flowParseDeclareModuleExports(node);\n    } else {\n      if\n      (insideModule) {\n        this.raise(this.state.lastTokStart, FlowErrors.NestedDeclareModule);\n      }\n      return this.flowParseDeclareModule(node);\n    }\n  } else if (this.isContextual(\"type\")) {\n    return\n    this.flowParseDeclareTypeAlias(node);\n  } else if (this.isContextual(\"opaque\")) {\n    return\n    this.flowParseDeclareOpaqueType(node);\n  } else if (this.isContextual(\"interface\")) {\n    return\n    this.flowParseDeclareInterface(node);\n  } else if (this.match(types._export)) {\n    return\n    this.flowParseDeclareExportDeclaration(node, insideModule);\n  } else {\n    throw this.unexpected();\n  }\n}\n\nflowParseDeclareVariable(node) {\n  this.next();\n  node.id =\n  this.flowParseTypeAnnotatableIdentifier(true);\n  this.scope.declareName(node.id.name, BIND_VAR,\n  node.id.start);\n  this.semicolon();\n  return this.finishNode(node, \"DeclareVariable\");\n}\n\nflowParseDeclareModule(node) {\n  this.scope.enter(SCOPE_OTHER);\n\n  if (this.match(types.string)) {\n    node.id = this.parseExprAtom();\n  } else {\n    node.id = this.parseIdentifier();\n  }\n\n  const bodyNode\n  = node.body = this.startNode();\n  const body = bodyNode.body = [];\n  this.expect(types.braceL);\n\n  while\n  (!this.match(types.braceR)) {\n    let bodyNode = this.startNode();\n\n    if (this.match(types._import)) {\n      this.next();\n\n      if (!this.isContextual(\"type\") && !this.match(types._typeof)) {\n        this.raise(this.state.lastTokStart, FlowErrors.InvalidNonTypeImportInDeclareModule);\n      }\n\n      this.parseImport(bodyNode);\n    } else {\n      this.expectContextual(\"declare\",  
FlowErrors.UnsupportedStatementInDeclareModule);\n      bodyNode = this.flowParseDeclare(bodyNode,  
true);\n    }\n\n    body.push(bodyNode);\n  }\n\n  this.scope.exit();\n  this.expect(types.braceR);\n\n  this.finishNode(bodyNode, \"BlockStatement\");\n  let kind = null;\n  let hasModuleExport = false;\n\n  body.forEach(bodyElement => {\n    if (isEsModuleType(bodyElement)) {\n      if (kind === \"CommonJS\")\n      {\n        this.raise(bodyElement.start, FlowErrors.AmbiguousDeclareModuleKind);\n      }\n      kind =\n      \"ES\";\n    } else if (bodyElement.type === \"DeclareModuleExports\") {\n      if (hasModuleExport) {\n        this.raise(bodyElement.start, FlowErrors.DuplicateDeclareModuleExports);\n      }\n      if (kind === \"ES\")\n      {\n        this.raise(bodyElement.start, FlowErrors.AmbiguousDeclareModuleKind);\n      }\n      kind =\n      \"CommonJS\";\n      hasModuleExport = true;\n    }\n  });\n  node.kind = kind || \"CommonJS\";\n  return this.finishNode(node, \"DeclareModule\");\n}\n\nflowParseDeclareExportDeclaration(node,

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insideModule) {\n  this.expect(types._export);\n\n  if (this.eat(types._default)) {\n    if
(this.match(types._function) || this.match(types._class)) {\n      node.declaration =
this.flowParseDeclare(this.startNode());\n    } else {\n      node.declaration = this.flowParseType();\n
this.semicolon();\n    }\n\n    node.default = true;\n    return this.finishNode(node,
\"DeclareExportDeclaration\");\n  } else {\n    if (this.match(types._const) || this.isLet() ||
(this.isContextual(\"type\") || this.isContextual(\"interface\"))) && !insideModule) {\n      const label =
this.state.value;\n      const suggestion = exportSuggestions[label];\n      throw this.raise(this.state.start,
FlowErrors.UnsupportedDeclareExportKind, label, suggestion);\n    }\n\n    if (this.match(types._var) ||
this.match(types._function) || this.match(types._class) || this.isContextual(\"opaque\")) {\n      node.declaration =
this.flowParseDeclare(this.startNode());\n      node.default = false;\n      return this.finishNode(node,
\"DeclareExportDeclaration\");\n    } else if (this.match(types.star) || this.match(types.braceL) ||
this.isContextual(\"interface\") || this.isContextual(\"type\") || this.isContextual(\"opaque\")) {\n      node =
this.parseExport(node);\n\n      if (node.type === \"ExportNamedDeclaration\") {\n        node.type =
\"ExportDeclaration\";\n        node.default = false;\n        delete node.exportKind;\n      }\n\n      node.type = \"Declare\" + node.type;\n      return node;\n    }\n  }\n\n  throw this.unexpected();\n}\n\nflowParseDeclareModuleExports(node) {\n  this.next();\n  this.expectContextual(\"exports\");\n
node.typeAnnotation = this.flowParseTypeAnnotation();\n  this.semicolon();\n  return this.finishNode(node,
\"DeclareModuleExports\");\n}\n\nflowParseDeclareTypeAlias(node) {\n  this.next();\n
this.flowParseTypeAlias(node);\n  node.type = \"DeclareTypeAlias\";\n  return node;\n}\n\nflowParseDeclareOpaqueType(node) {\n  this.next();\n  this.flowParseOpaqueType(node, true);\n  node.type
= \"DeclareOpaqueType\";\n  return node;\n}\n\nflowParseDeclareInterface(node) {\n  this.next();\n
this.flowParseInterfaceish(node);\n  return this.finishNode(node, \"DeclareInterface\");\n}\n\nflowParseInterfaceish(node, isClass = false) {\n  node.id = this.flowParseRestrictedIdentifier(!isClass, true);\n
this.scope.declareName(node.id.name, isClass ? BIND_FUNCTION : BIND_LEXICAL, node.id.start);\n\n  if
(this.isRelational(\"<\")) {\n    node.typeParameters = this.flowParseTypeParameterDeclaration();\n  } else {\n
node.typeParameters = null;\n  }\n\n  node.extends = [];\n  node.implements = [];\n  node.mixins =
[];\n\n  if (this.eat(types._extends)) {\n    do {\n      node.extends.push(this.flowParseInterfaceExtends());\n
    } while (!isClass && this.eat(types.comma));\n  }\n\n  if (this.isContextual(\"mixins\")) {\n
this.next();\n\n    do {\n      node.mixins.push(this.flowParseInterfaceExtends());\n    } while
(this.eat(types.comma));\n  }\n\n  if (this.isContextual(\"implements\")) {\n    this.next();\n\n    do {\n
node.implements.push(this.flowParseInterfaceExtends());\n    } while (this.eat(types.comma));\n  }\n\n
node.body = this.flowParseObjectType({\n    allowStatic: isClass,\n    allowExact: false,\n    allowSpread:
false,\n    allowProto: isClass,\n    allowInexact: false\n  });\n}\n\nflowParseInterfaceExtends() {\n
const node = this.startNode();\n  node.id = this.flowParseQualifiedTypeIdentifier();\n\n  if
(this.isRelational(\"<\")) {\n    node.typeParameters = this.flowParseTypeParameterInstantiation();\n  } else {\n
node.typeParameters = null;\n  }\n\n  return this.finishNode(node, \"InterfaceExtends\");\n}\n\nflowParseInterface(node) {\n  this.flowParseInterfaceish(node);\n  return this.finishNode(node,
\"InterfaceDeclaration\");\n}\n\ncheckNotUnderscore(word) {\n  if (word === \"_\") {\n
this.raise(this.state.start, FlowErrors.UnexpectedReservedUnderscore);\n  }\n}\n\ncheckReservedType(word,
startLoc, declaration) {\n  if (!reservedTypes.has(word)) return;\n  this.raise(startLoc, declaration ?
FlowErrors.AssignReservedType : FlowErrors.UnexpectedReservedType, word);\n}\n\nflowParseRestrictedIdentifier(liberal, declaration) {\n  this.checkReservedType(this.state.value, this.state.start,
declaration);\n  return this.parseIdentifier(liberal);\n}\n\nflowParseTypeAlias(node) {\n  node.id =
this.flowParseRestrictedIdentifier(false, true);\n  this.scope.declareName(node.id.name, BIND_LEXICAL,
node.id.start);\n\n  if (this.isRelational(\"<\")) {\n    node.typeParameters =
this.flowParseTypeParameterDeclaration();\n  } else {\n    node.typeParameters = null;\n  }\n\n  node.right
= this.flowParseTypeInitialiser(types.eq);\n  this.semicolon();\n  return this.finishNode(node, \"TypeAlias\");\n
}\n\nflowParseOpaqueType(node, declare) {\n  this.expectContextual(\"type\");\n  node.id =

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this.flowParseRestrictedIdentifier(true, true);\n    this.scope.declareName(node.id.name, BIND_LEXICAL,
node.id.start);\n\n    if (this.isRelational("<")) {\n        node.typeParameters =
this.flowParseTypeParameterDeclaration();\n    } else {\n        node.typeParameters = null;\n    }\n\n    node.supertype = null;\n\n    if (this.match(types.colon)) {\n        node.supertype =
this.flowParseTypeInitialiser(types.colon);\n    }\n\n    node.impltype = null;\n\n    if (!declare) {\n        node.impltype = this.flowParseTypeInitialiser(types.eq);\n    }\n\n    this.semicolon();\n    return
this.finishNode(node, \"OpaqueType\");\n    }\n\n    flowParseTypeParameter(requireDefault = false) {\n        const
nodeStart = this.state.start;\n        const node = this.startNode();\n        const variance = this.flowParseVariance();\n        const ident = this.flowParseTypeAnnotatableIdentifier();\n        node.name = ident.name;\n        node.variance =
variance;\n        node.bound = ident.typeAnnotation;\n\n        if (this.match(types.eq)) {\n            this.eat(types.eq);\n            node.default = this.flowParseType();\n        } else {\n            if (requireDefault) {\n                this.raise(nodeStart,
FlowErrors.MissingTypeParamDefault);\n            }\n        }\n\n        return this.finishNode(node, \"TypeParameter\");\n    }\n\n    flowParseTypeParameterDeclaration() {\n        const oldInType = this.state.inType;\n        const node =
this.startNode();\n        node.params = [];\n        this.state.inType = true;\n\n        if (this.isRelational("<")) ||
this.match(types.jsxTagStart)) {\n            this.next();\n        } else {\n            this.unexpected();\n        }\n\n        let
defaultRequired = false;\n        do {\n            const typeParameter = this.flowParseTypeParameter(defaultRequired);\n            node.params.push(typeParameter);\n\n            if (typeParameter.default) {\n                defaultRequired = true;\n            }\n\n            if (!this.isRelational(">")) {\n                this.expect(types.comma);\n            }\n        } while
(!this.isRelational(">"));\n\n        this.expectRelational(">");\n        this.state.inType = oldInType;\n        return
this.finishNode(node, \"TypeParameterDeclaration\");\n    }\n\n    flowParseTypeParameterInstantiation() {\n        const node = this.startNode();\n        const oldInType = this.state.inType;\n        node.params = [];\n        this.state.inType = true;\n        this.expectRelational("<");\n        const oldNoAnonFunctionType =
this.state.noAnonFunctionType;\n        this.state.noAnonFunctionType = false;\n\n        while (!this.isRelational(">")) {\n            node.params.push(this.flowParseType());\n\n            if (!this.isRelational(">")) {\n                this.expect(types.comma);\n            }\n        }\n\n        this.state.noAnonFunctionType = oldNoAnonFunctionType;\n        this.expectRelational(">");\n        this.state.inType = oldInType;\n        return this.finishNode(node,
\"TypeParameterInstantiation\");\n    }\n\n    flowParseTypeParameterInstantiationCallOrNew() {\n        const node =
this.startNode();\n        const oldInType = this.state.inType;\n        node.params = [];\n        this.state.inType = true;\n\n        this.expectRelational("<");\n\n        while (!this.isRelational(">")) {\n            node.params.push(this.flowParseTypeOrImplicitInstantiation());\n\n            if (!this.isRelational(">")) {\n                this.expect(types.comma);\n            }\n        }\n\n        this.expectRelational(">");\n        this.state.inType = oldInType;\n        return this.finishNode(node, \"TypeParameterInstantiation\");\n    }\n\n    flowParseInterfaceType() {\n        const
node = this.startNode();\n        this.expectContextual(\"interface\");\n        node.extends = [];\n\n        if
(this.eat(types._extends)) {\n            do {\n                node.extends.push(this.flowParseInterfaceExtends());\n            } while
(this.eat(types.comma));\n        }\n\n        node.body = this.flowParseObjectType({\n            allowStatic: false,\n            allowExact: false,\n            allowSpread: false,\n            allowProto: false,\n            allowInexact: false\n        });\n        return
this.finishNode(node, \"InterfaceTypeAnnotation\");\n    }\n\n    flowParseObjectPropertyKey() {\n        return
this.match(types.num) || this.match(types.string) ? this.parseExprAtom() : this.parseIdentifier(true);\n    }\n\n    flowParseObjectTypeIndexer(node, isStatic, variance) {\n        node.static = isStatic;\n\n        if (this.lookahead().type
=== types.colon) {\n            node.id = this.flowParseObjectPropertyKey();\n            node.key =
this.flowParseTypeInitialiser();\n        } else {\n            node.id = null;\n            node.key = this.flowParseType();\n        }\n\n        this.expect(types.bracketR);\n        node.value = this.flowParseTypeInitialiser();\n        node.variance =
variance;\n        return this.finishNode(node, \"ObjectTypeIndexer\");\n    }\n\n    flowParseObjectTypeInternalSlot(node, isStatic) {\n        node.static = isStatic;\n        node.id =
this.flowParseObjectPropertyKey();\n        this.expect(types.bracketR);\n        this.expect(types.bracketR);\n\n        if
(this.isRelational("<") || this.match(types.parenL)) {\n            node.method = true;\n            node.optional = false;\n            node.value = this.flowParseObjectTypeMethodish(this.startNodeAt(node.start, node.loc.start));\n        } else {\n            node.method = false;\n            if (this.eat(types.question)) {\n                node.optional = true;\n            }\n\n            node.value

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= this.flowParseTypeInitialiser();\n    }\n\n    return this.finishNode(node, \"ObjectTypeInternalSlot\");\n  }\n\n  flowParseObjectTypeMethodish(node) {\n    node.params = [];\n    node.rest = null;\n    node.typeParameters =\n    null;\n\n    if (this.isRelational("<")) {\n      node.typeParameters = this.flowParseTypeParameterDeclaration();\n    }\n\n    this.expect(types.parenL);\n\n    while (!this.match(types.parenR) && !this.match(types.ellipsis)) {\n      node.params.push(this.flowParseFunctionTypeParam());\n\n      if (!this.match(types.parenR)) {\n        this.expect(types.comma);\n      }\n    }\n\n    if (this.eat(types.ellipsis)) {\n      node.rest =\n      this.flowParseFunctionTypeParam();\n    }\n\n    this.expect(types.parenR);\n\n    node.returnType =\n    this.flowParseTypeInitialiser();\n\n    return this.finishNode(node, \"FunctionTypeAnnotation\");\n  }\n\n  flowParseObjectTypeCallProperty(node, isStatic) {\n    const valueNode = this.startNode();\n    node.static =\n    isStatic;\n\n    node.value = this.flowParseObjectTypeMethodish(valueNode);\n\n    return this.finishNode(node,\n    \"ObjectTypeCallProperty\");\n  }\n\n  flowParseObjectType({\n    allowStatic,\n    allowExact,\n    allowSpread,\n    allowProto,\n    allowInexact\n  }) {\n    const oldInType = this.state.inType;\n\n    this.state.inType = true;\n\n    const nodeStart = this.startNode();\n    nodeStart.callProperties = [];\n\n    nodeStart.properties = [];\n    nodeStart.indexers = [];\n    nodeStart.internalSlots = [];\n\n    let endDelim;\n\n    let\n    exact;\n\n    let inexact = false;\n\n    if (allowExact && this.match(types.braceBarL)) {\n      this.expect(types.braceBarL);\n\n      endDelim = types.braceBarR;\n\n      exact = true;\n    } else {\n      this.expect(types.braceL);\n\n      endDelim = types.braceR;\n\n      exact = false;\n    }\n\n    nodeStart.exact =\n    exact;\n\n    while (!this.match(endDelim)) {\n      let isStatic = false;\n\n      let protoStart = null;\n\n      let\n      inexactStart = null;\n\n      const node = this.startNode();\n\n      if (allowProto && this.isContextual(\"proto\")) {\n        const lookahead = this.lookahead();\n\n        if (lookahead.type !== types.colon && lookahead.type !==\n        types.question) {\n          this.next();\n\n          protoStart = this.state.start;\n\n          allowStatic = false;\n        }\n\n        if (allowStatic && this.isContextual(\"static\")) {\n          const lookahead = this.lookahead();\n\n          if\n          (lookahead.type !== types.colon && lookahead.type !== types.question) {\n            this.next();\n\n            isStatic =\n            true;\n          }\n\n          const variance = this.flowParseVariance();\n\n          if (this.eat(types.bracketL)) {\n            if (protoStart != null) {\n              this.unexpected(protoStart);\n            }\n\n            if (this.eat(types.bracketL)) {\n              if (variance) {\n                this.unexpected(variance.start);\n              }\n\n              nodeStart.internalSlots.push(this.flowParseObjectTypeInternalSlot(node, isStatic));\n            } else {\n              nodeStart.indexers.push(this.flowParseObjectTypeIndexer(node, isStatic, variance));\n            }\n          } else if\n          (this.match(types.parenL) || this.isRelational("<")) {\n            if (protoStart != null) {\n              this.unexpected(protoStart);\n            }\n\n            if (variance) {\n              this.unexpected(variance.start);\n            }\n\n            nodeStart.callProperties.push(this.flowParseObjectTypeCallProperty(node, isStatic));\n          } else {\n            let\n            kind = \"init\";\n\n            if (this.isContextual(\"get\") || this.isContextual(\"set\")) {\n              const lookahead =\n              this.lookahead();\n\n              if (lookahead.type === types.name || lookahead.type === types.string || lookahead.type\n              === types.num) {\n                kind = this.state.value;\n\n                this.next();\n              }\n\n              const\n              propOrInexact = this.flowParseObjectTypeProperty(node, isStatic, protoStart, variance, kind, allowSpread,\n              allowInexact != null ? allowInexact : !exact);\n\n              if (propOrInexact === null) {\n                inexact = true;\n\n                inexactStart = this.state.lastTokStart;\n              } else {\n                nodeStart.properties.push(propOrInexact);\n              }\n\n              this.flowObjectTypeSemicolon();\n\n              if (inexactStart && !this.match(types.braceR) &&\n              !this.match(types.braceBarR)) {\n                this.raise(inexactStart, FlowErrors.UnexpectedExplicitInexactInObject);\n              }\n            }\n\n            this.expect(endDelim);\n\n            if (allowSpread) {\n              nodeStart.inexact = inexact;\n            }\n\n            const out = this.finishNode(nodeStart, \"ObjectTypeAnnotation\");\n\n            this.state.inType = oldInType;\n\n            return\n            out;\n          }\n\n          flowParseObjectTypeProperty(node, isStatic, protoStart, variance, kind, allowSpread, allowInexact)\n          {\n            if (this.eat(types.ellipsis)) {\n              const isInexactToken = this.match(types.comma) || this.match(types.semi)\n              || this.match(types.braceR) || this.match(types.braceBarR);\n\n              if (isInexactToken) {\n                if (!allowSpread)\n                {\n                  this.raise(this.state.lastTokStart, FlowErrors.InexactInsideNonObject);\n                } else if (!allowInexact)\n                {\n                  this.raise(this.state.lastTokStart, FlowErrors.InexactInsideExact);\n                }\n\n                if (variance) {\n                  this.raise(variance.start, FlowErrors.InexactVariance);\n                }\n\n                return null;\n              }\n\n              if\n              (!allowSpread) {\n                this.raise(this.state.lastTokStart, FlowErrors.UnexpectedSpreadType);\n              }\n            } if

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(protoStart != null) {\n      this.unexpected(protoStart);\n    }\n    if (variance) {\n      this.raise(variance.start, FlowErrors.SpreadVariance);\n    }\n    node.argument = this.flowParseType();\n    return this.finishNode(node, \"ObjectTypeSpreadProperty\");\n  } else {\n    node.key =\n      this.flowParseObjectPropertyKey();\n    node.static = isStatic;\n    node.proto = protoStart != null;\n    node.kind = kind;\n    let optional = false;\n    if (this.isRelational("<") || this.match(types.parenL)) {\n      node.method = true;\n      if (protoStart != null) {\n        this.unexpected(protoStart);\n      }\n      if (variance) {\n        this.unexpected(variance.start);\n      }\n      node.value =\n        this.flowParseObjectTypeMethodish(this.startNodeAt(node.start, node.loc.start));\n      if (kind === \"get\" ||\n        kind === \"set\") {\n        this.flowCheckGetterSetterParams(node);\n      } else {\n        if (kind !==\n          \"init\") this.unexpected();\n        node.method = false;\n        if (this.eat(types.question)) {\n          optional =\n            true;\n        }\n        node.value = this.flowParseTypeInitialiser();\n        node.variance = variance;\n      }\n      node.optional = optional;\n      return this.finishNode(node, \"ObjectTypeProperty\");\n    }\n  }\n}\n\nflowCheckGetterSetterParams(property) {\n  const paramCount = property.kind === \"get\" ? 0 : 1;\n  const start = property.start;\n  const length = property.value.params.length + (property.value.rest ? 1 : 0);\n  if (length !== paramCount) {\n    if (property.kind === \"get\") {\n      this.raise(start,\n        ErrorMessages.BadGetterArity);\n    } else {\n      this.raise(start, ErrorMessages.BadSetterArity);\n    }\n  }\n  if (property.kind === \"set\" && property.value.rest) {\n    this.raise(start,\n      ErrorMessages.BadSetterRestParameter);\n  }\n}\n\nflowObjectTypeSemicolon() {\n  if (!this.eat(types.semi) && !this.eat(types.comma) && !this.match(types.braceR) && !this.match(types.braceBarR)) {\n    this.unexpected();\n  }\n}\n\nflowParseQualifiedTypeIdentifier(startPos, startLoc, id) {\n  startPos = startPos || this.state.start;\n  startLoc = startLoc || this.state.startLoc;\n  let node = id ||\n    this.flowParseRestrictedIdentifier(true);\n  while (this.eat(types.dot)) {\n    const node2 =\n      this.startNodeAt(startPos, startLoc);\n    node2.qualification = node;\n    node2.id =\n      this.flowParseRestrictedIdentifier(true);\n    node = this.finishNode(node2, \"QualifiedTypeIdentifier\");\n  }\n  return node;\n}\n\nflowParseGenericType(startPos, startLoc, id) {\n  const node =\n    this.startNodeAt(startPos, startLoc);\n  node.typeParameters = null;\n  node.id =\n    this.flowParseQualifiedTypeIdentifier(startPos, startLoc, id);\n  if (this.isRelational("<")) {\n    node.typeParameters = this.flowParseTypeParameterInstantiation();\n  }\n  return this.finishNode(node,\n    \"GenericTypeAnnotation\");\n}\n\nflowParseTypeofType() {\n  const node = this.startNode();\n  this.expect(types._typeof);\n  node.argument = this.flowParsePrimaryType();\n  return this.finishNode(node,\n    \"TypeofTypeAnnotation\");\n}\n\nflowParseTupleType() {\n  const node = this.startNode();\n  node.types = [];\n  this.expect(types.bracketL);\n  while (this.state.pos < this.length && !this.match(types.bracketR)) {\n    node.types.push(this.flowParseType());\n    if (this.match(types.bracketR)) break;\n  }\n  this.expect(types.comma);\n  this.expect(types.bracketR);\n  return this.finishNode(node,\n    \"TupleTypeAnnotation\");\n}\n\nflowParseFunctionTypeParam() {\n  let name = null;\n  let optional =\n    false;\n  let typeAnnotation = null;\n  const node = this.startNode();\n  const lh = this.lookahead();\n  if (lh.type === types.colon || lh.type === types.question) {\n    name = this.parseIdentifier();\n    if (this.eat(types.question)) {\n      optional = true;\n    }\n    typeAnnotation =\n      this.flowParseTypeInitialiser();\n  } else {\n    typeAnnotation = this.flowParseType();\n  }\n  node.name =\n    name;\n  node.optional =\n    optional;\n  node.typeAnnotation =\n    typeAnnotation;\n  return this.finishNode(node, \"FunctionTypeParam\");\n}\n\nreinterpretTypeAsFunctionTypeParam(type) {\n  const node = this.startNodeAt(type.start, type.loc.start);\n  node.name = null;\n  node.optional =\n    false;\n  node.typeAnnotation =\n    type;\n  return this.finishNode(node, \"FunctionTypeParam\");\n}\n\nflowParseFunctionTypeParams(params = []) {\n  let rest = null;\n  while (!this.match(types.parenR) &&\n    !this.match(types.ellipsis)) {\n    params.push(this.flowParseFunctionTypeParam());\n    if (!this.match(types.parenR)) {\n      this.expect(types.comma);\n    }\n  }\n  if (this.eat(types.ellipsis)) {\n    rest = this.flowParseFunctionTypeParam();\n  }\n  return {\n    params,\n    rest\n  };\n}\n\nflowIdentToTypeAnnotation(startPos, startLoc, node, id) {\n  switch (id.name) {\n    case \"any\":\n
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return this.finishNode(node, \"AnyTypeAnnotation\");\n\n    case \"bool\":\n    case \"boolean\":\n    return
this.finishNode(node, \"BooleanTypeAnnotation\");\n\n    case \"mixed\":\n    return this.finishNode(node,
\"MixedTypeAnnotation\");\n\n    case \"empty\":\n    return this.finishNode(node,
\"EmptyTypeAnnotation\");\n\n    case \"number\":\n    return this.finishNode(node,
\"NumberTypeAnnotation\");\n\n    case \"string\":\n    return this.finishNode(node,
\"StringTypeAnnotation\");\n\n    case \"symbol\":\n    return this.finishNode(node,
\"SymbolTypeAnnotation\");\n\n    default:\n    this.checkNotUnderscore(id.name);\n    return
this.flowParseGenericType(startPos, startLoc, id);\n  }\n  }\n  flowParsePrimaryType() {\n    const startPos
= this.state.start;\n    const startLoc = this.state.startLoc;\n    const node = this.startNode();\n    let tmp;\n    let
type;\n    let isGroupedType = false;\n    const oldNoAnonFunctionType = this.state.noAnonFunctionType;\n\n    switch (this.state.type) {\n      case types.name:\n        if (this.isContextual(\"interface\")) {\n          return
this.flowParseInterfaceType();\n        }\n        return this.flowIdentToTypeAnnotation(startPos, startLoc, node,
this.parseIdentifier());\n      case types.braceL:\n        return this.flowParseObjectType({\n          allowStatic:
false,\n          allowExact: false,\n          allowSpread: true,\n          allowProto: false,\n          allowInexact:
true\n        });\n      case types.braceBarL:\n        return this.flowParseObjectType({\n          allowStatic:
false,\n          allowExact: true,\n          allowSpread: true,\n          allowProto: false,\n          allowInexact:
false\n        });\n      case types.bracketL:\n        this.state.noAnonFunctionType = false;\n        type =
this.flowParseTupleType();\n        this.state.noAnonFunctionType = oldNoAnonFunctionType;\n        return
type;\n      case types.relational:\n        if (this.state.value === \"<\") {\n          node.typeParameters =
this.flowParseTypeParameterDeclaration();\n          this.expect(types.parenL);\n          tmp =
this.flowParseFunctionTypeParams();\n          node.params = tmp.params;\n          node.rest = tmp.rest;\n          this.expect(types.parenR);\n          this.expect(types.arrow);\n          node.returnType = this.flowParseType();\n          return this.finishNode(node, \"FunctionTypeAnnotation\");\n        }\n        break;\n      case types.parenL:\n        this.next();\n        if (!this.match(types.parenR) && !this.match(types.ellipsis)) {\n          if
(this.match(types.name)) {\n            const token = this.lookahead().type;\n            isGroupedType = token !==
types.question && token !== types.colon;\n          } else {\n            isGroupedType = true;\n          }\n        }\n        if (isGroupedType) {\n          this.state.noAnonFunctionType = false;\n          type = this.flowParseType();\n          this.state.noAnonFunctionType = oldNoAnonFunctionType;\n          if (this.state.noAnonFunctionType ||
!(this.match(types.comma) || this.match(types.parenR) && this.lookahead().type === types.arrow)) {\n            this.expect(types.parenR);\n            return type;\n          } else {\n            this.eat(types.comma);\n          }\n        }\n        if (type) {\n          tmp =
this.flowParseFunctionTypeParams([this.reinterpretTypeAsFunctionTypeParam(type)]);\n        } else {\n          tmp = this.flowParseFunctionTypeParams();\n        }\n        node.params = tmp.params;\n        node.rest =
tmp.rest;\n        this.expect(types.parenR);\n        this.expect(types.arrow);\n        node.returnType =
this.flowParseType();\n        node.typeParameters = null;\n        return this.finishNode(node,
\"FunctionTypeAnnotation\");\n      case types.string:\n        return this.parseLiteral(this.state.value,
\"StringLiteralTypeAnnotation\");\n      case types._true:\n      case types._false:\n        node.value =
this.match(types._true);\n        this.next();\n        return this.finishNode(node,
\"BooleanLiteralTypeAnnotation\");\n      case types.plusMin:\n        if (this.state.value === \"-\") {\n          this.next();\n          if (this.match(types.num)) {\n            return this.parseLiteral(-this.state.value,
\"NumberLiteralTypeAnnotation\", node.start, node.loc.start);\n          }\n          if (this.match(types.bigint)) {\n            return this.parseLiteral(-this.state.value, \"BigIntLiteralTypeAnnotation\", node.start, node.loc.start);\n          }\n          throw this.raise(this.state.start, FlowErrors.UnexpectedSubtractionOperand);\n        }\n        throw
this.unexpected();\n      case types.num:\n        return this.parseLiteral(this.state.value,
\"NumberLiteralTypeAnnotation\");\n      case types.bigint:\n        return this.parseLiteral(this.state.value,
\"BigIntLiteralTypeAnnotation\");\n      case types._void:\n        this.next();\n        return this.finishNode(node,
\"VoidTypeAnnotation\");\n      case types._null:\n        this.next();\n        return this.finishNode(node,
\"NullLiteralTypeAnnotation\");\n      case types._this:\n        this.next();\n        return this.finishNode(node,

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\"ThisTypeAnnotation\");\n\n    case types.star:\n        this.next();\n        return this.finishNode(node,\n\"ExistsTypeAnnotation\");\n\n    default:\n        if (this.state.type.keyword === \"typeof\") {\n            return\nthis.flowParseTypeofType();\n        } else if (this.state.type.keyword) {\n            const label = this.state.type.label;\n            this.next();\n            return super.createIdentifier(node, label);\n        }\n\n        throw\nthis.unexpected();\n    }\n\n    flowParsePostfixType() {\n        const startPos = this.state.start,\n            startLoc =\nthis.state.startLoc;\n        let type = this.flowParsePrimaryType();\n\n        while (this.match(types.bracketL) &&\n!this.canInsertSemicolon()) {\n            const node = this.startNodeAt(startPos, startLoc);\n            node.elementType =\ntype;\n            this.expect(types.bracketL);\n            this.expect(types.bracketR);\n            type = this.finishNode(node,\n\"ArrayTypeAnnotation\");\n        }\n\n        return type;\n    }\n\n    flowParsePrefixType() {\n        const node =\nthis.startNode();\n\n        if (this.eat(types.question)) {\n            node.typeAnnotation = this.flowParsePrefixType();\n            return this.finishNode(node, \"NullableTypeAnnotation\");\n        } else {\n            return this.flowParsePostfixType();\n        }\n    }\n\n    flowParseAnonFunctionWithoutParens() {\n        const param = this.flowParsePrefixType();\n\n        if\n(!this.state.noAnonFunctionType && this.eat(types.arrow)) {\n            const node = this.startNodeAt(param.start,\nparam.loc.start);\n            node.params = [this.reinterpretTypeAsFunctionTypeParam(param)];\n            node.rest =\nnull;\n            node.returnType = this.flowParseType();\n            node.typeParameters = null;\n            return\nthis.finishNode(node, \"FunctionTypeAnnotation\");\n        }\n\n        return param;\n    }\n\n    flowParseIntersectionType() {\n        const node = this.startNode();\n        this.eat(types.bitwiseAND);\n        const type\n= this.flowParseAnonFunctionWithoutParens();\n        node.types = [type];\n\n        while (this.eat(types.bitwiseAND)) {\n            node.types.push(this.flowParseAnonFunctionWithoutParens());\n        }\n\n        return node.types.length ===\n1 ? type : this.finishNode(node, \"IntersectionTypeAnnotation\");\n    }\n\n    flowParseUnionType() {\n        const\nnode = this.startNode();\n        this.eat(types.bitwiseOR);\n        const type = this.flowParseIntersectionType();\n        node.types = [type];\n\n        while (this.eat(types.bitwiseOR)) {\n            node.types.push(this.flowParseIntersectionType());\n        }\n\n        return node.types.length === 1 ? type :\nthis.finishNode(node, \"UnionTypeAnnotation\");\n    }\n\n    flowParseType() {\n        const oldInType =\nthis.state.inType;\n        this.state.inType = true;\n        const type = this.flowParseUnionType();\n        this.state.inType\n= oldInType;\n        this.state.exprAllowed = this.state.exprAllowed || this.state.noAnonFunctionType;\n        return\ntype;\n    }\n\n    flowParseTypeOrImplicitInstantiation() {\n        if (this.state.type === types.name &&\nthis.state.value === \"_\") {\n            const startPos = this.state.start;\n            const startLoc = this.state.startLoc;\n            const node = this.parseIdentifier();\n            return this.flowParseGenericType(startPos, startLoc, node);\n        } else {\n            return this.flowParseType();\n        }\n    }\n\n    flowParseTypeAnnotation() {\n        const node =\nthis.startNode();\n        node.typeAnnotation = this.flowParseTypeInitialiser();\n        return this.finishNode(node,\n\"TypeAnnotation\");\n    }\n\n    flowParseTypeAnnotatableIdentifier(allowPrimitiveOverride) {\n        const ident =\nallowPrimitiveOverride ? this.parseIdentifier() : this.flowParseRestrictedIdentifier();\n\n        if\n(this.match(types.colon)) {\n            ident.typeAnnotation = this.flowParseTypeAnnotation();\n            this.resetEndLocation(ident);\n        }\n\n        return ident;\n    }\n\n    typeCastToParameter(node) {\n        node.expression.typeAnnotation = node.typeAnnotation;\n        this.resetEndLocation(node.expression,\nnode.typeAnnotation.end, node.typeAnnotation.loc.end);\n        return node.expression;\n    }\n\n    flowParseVariance() {\n        let variance = null;\n\n        if (this.match(types.plusMin)) {\n            variance =\nthis.startNode();\n\n            if (this.state.value === \"+\") {\n                variance.kind = \"plus\";\n            } else {\n                variance.kind = \"minus\";\n            }\n\n            this.next();\n            this.finishNode(variance, \"Variance\");\n        }\n\n        return variance;\n    }\n\n    parseFunctionBody(node, allowExpressionBody, isMethod = false) {\n        if\n(allowExpressionBody) {\n            return this.forwardNoArrowParamsConversionAt(node, () =>\nsuper.parseFunctionBody(node, true, isMethod));\n        }\n\n        return super.parseFunctionBody(node, false,\nisMethod);\n    }\n\n    parseFunctionBodyAndFinish(node, type, isMethod = false) {\n        if\n(this.match(types.colon)) {\n            const typeNode = this.startNode();\n            [typeNode.typeAnnotation,\nnode.predicate] = this.flowParseTypeAndPredicateInitialiser();\n            node.returnType = typeNode.typeAnnotation ?\nthis.finishNode(typeNode, \"TypeAnnotation\") : null;\n        }\n\n        return super.parseFunctionBodyAndFinish(node, type,\nisMethod);\n    }\n\n    parseStatement(context, topLevel) {\n        if (this.state.strict && this.match(types.name) &&

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this.state.value === "interface") {\n    const lookahead = this.lookahead();\n\n    if (lookahead.type ===
types.name || isKeyword(lookahead.value)) {\n    const node = this.startNode();\n    this.next();\n    return
this.flowParseInterface(node);\n    }\n    } else if (this.shouldParseEnums() && this.isContextual("enum")) {\n
const node = this.startNode();\n    this.next();\n    return this.flowParseEnumDeclaration(node);\n    }\n\n
const stmt = super.parseStatement(context, topLevel);\n\n    if (this.flowPragma === undefined &&
!this.isValidDirective(stmt)) {\n    this.flowPragma = null;\n    }\n\n    return stmt;\n    }\n\n
parseExpressionStatement(node, expr) {\n    if (expr.type === "Identifier") {\n    if (expr.name === "declare")
{\n    if (this.match(types._class) || this.match(types.name) || this.match(types._function) || this.match(types._var)
|| this.match(types._export)) {\n    return this.flowParseDeclare(node);\n    }\n    } else if
(this.match(types.name)) {\n    if (expr.name === "interface") {\n    return
this.flowParseInterface(node);\n    } else if (expr.name === "type") {\n    return
this.flowParseTypeAlias(node);\n    } else if (expr.name === "opaque") {\n    return
this.flowParseOpaqueType(node, false);\n    }\n    }\n    }\n\n    return
super.parseExpressionStatement(node, expr);\n    }\n\n
shouldParseExportDeclaration() {\n    return
this.isContextual("type") || this.isContextual("interface") || this.isContextual("opaque") ||
this.shouldParseEnums() && this.isContextual("enum") || super.shouldParseExportDeclaration();\n    }\n\n
isExportDefaultSpecifier() {\n    if (this.match(types.name) && (this.state.value === "type" || this.state.value ===
"interface" || this.state.value === "opaque" || this.shouldParseEnums() && this.state.value === "enum")) {\n
return false;\n    }\n\n    return super.isExportDefaultSpecifier();\n    }\n\n
parseExportDefaultExpression() {\n    if (this.shouldParseEnums() && this.isContextual("enum")) {\n    const node = this.startNode();\n
this.next();\n    return this.flowParseEnumDeclaration(node);\n    }\n\n    return
super.parseExportDefaultExpression();\n    }\n\n
parseConditional(expr, startPos, startLoc, refNeedsArrowPos)
{\n    if (!this.match(types.question)) return expr;\n\n    if (refNeedsArrowPos) {\n    const result =
this.tryParse(() => super.parseConditional(expr, startPos, startLoc));\n\n    if (!result.node) {\n
refNeedsArrowPos.start = result.error.pos || this.state.start;\n    return expr;\n    }\n\n    if (result.error)
this.state = result.failState;\n    return result.node;\n    }\n\n    this.expect(types.question);\n    const state =
this.state.clone();\n    const originalNoArrowAt = this.state.noArrowAt;\n    const node =
this.startNodeAt(startPos, startLoc);\n    let {\n    consequent,\n    failed\n    } =
this.tryParseConditionalConsequent();\n    let [valid, invalid] = this.getArrowLikeExpressions(consequent);\n
if (failed || invalid.length > 0) {\n    const noArrowAt = [...originalNoArrowAt];\n\n    if (invalid.length > 0) {\n
this.state = state;\n    this.state.noArrowAt = noArrowAt;\n\n    for (let i = 0; i < invalid.length; i++) {\n
noArrowAt.push(invalid[i].start);\n    }\n\n    ({\n    consequent,\n    failed\n    } =
this.tryParseConditionalConsequent());\n    [valid, invalid] = this.getArrowLikeExpressions(consequent);\n
}\n\n    if (failed && valid.length > 1) {\n    this.raise(state.start, FlowErrors.AmbiguousConditionalArrow);\n
}\n\n    if (failed && valid.length === 1) {\n    this.state = state;\n    this.state.noArrowAt =
noArrowAt.concat(valid[0].start);\n    ({\n    consequent,\n    failed\n    } =
this.tryParseConditionalConsequent());\n    }\n    }\n\n    this.getArrowLikeExpressions(consequent, true);\n
this.state.noArrowAt = originalNoArrowAt;\n    this.expect(types.colon);\n    node.test = expr;\n
node.consequent = consequent;\n    node.alternate = this.forwardNoArrowParamsConversionAt(node, () =>
this.parseMaybeAssign(undefined, undefined, undefined));\n    return this.finishNode(node,
"ConditionalExpression");\n    }\n\n
tryParseConditionalConsequent() {\n    this.state.noArrowParamsConversionAt.push(this.state.start);\n    const consequent =
this.parseMaybeAssignAllowIn();\n    const failed = !this.match(types.colon);\n
this.state.noArrowParamsConversionAt.pop();\n    return {\n    consequent,\n    failed\n    };\n    }\n\n
getArrowLikeExpressions(node, disallowInvalid) {\n    const stack = [node];\n    const arrows = [];\n\n    while
(stack.length !== 0) {\n    const node = stack.pop();\n\n    if (node.type === "ArrowFunctionExpression") {\n
if (node.typeParameters || !node.returnType) {\n    this.finishArrowValidation(node);\n    } else {\n
arrows.push(node);\n    }\n\n    stack.push(node.body);\n    } else if (node.type ===

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"ConditionalExpression") {\n      stack.push(node.consequent);\n      stack.push(node.alternate);\n    }\n  }\n  if (disallowInvalid) {\n    arrows.forEach(node => this.finishArrowValidation(node));\n    return\n    [arrows, []];\n  }\n  return partition(arrows, node => node.params.every(param => this.isAssignable(param,\n  true)));;\n  }\n  finishArrowValidation(node) {\n    var _node$extra;\n    this.toAssignableList(node.params,\n    (_node$extra = node.extra) == null ? void 0 : _node$extra.trailingComma);\n    this.scope.enter(SCOPE_FUNCTION | SCOPE_ARROW);\n    super.checkParams(node, false, true);\n    this.scope.exit();\n  }\n  forwardNoArrowParamsConversionAt(node, parse) {\n    let result;\n    if\n    (this.state.noArrowParamsConversionAt.indexOf(node.start) !== -1) {\n      this.state.noArrowParamsConversionAt.push(this.state.start);\n      result = parse();\n      this.state.noArrowParamsConversionAt.pop();\n    } else {\n      result = parse();\n    }\n    return result;\n  }\n  parseParenItem(node, startPos, startLoc) {\n    node = super.parseParenItem(node, startPos, startLoc);\n    if (this.eat(types.question)) {\n      node.optional = true;\n      this.resetEndLocation(node);\n    }\n    if\n    (this.match(types.colon)) {\n      const typeCastNode = this.startNodeAt(startPos, startLoc);\n      typeCastNode.expression = node;\n      typeCastNode.typeAnnotation = this.flowParseTypeAnnotation();\n      return this.finishNode(typeCastNode, "TypeCastExpression");\n    }\n    return node;\n  }\n  assertModuleNodeAllowed(node) {\n    if (node.type === "ImportDeclaration" && (node.importKind ===\n    "type" || node.importKind === "typeof") || node.type === "ExportNamedDeclaration" && node.exportKind ===\n    "type" || node.type === "ExportAllDeclaration" && node.exportKind === "type") {\n      return;\n    }\n    super.assertModuleNodeAllowed(node);\n  }\n  parseExport(node) {\n    const decl =\n    super.parseExport(node);\n    if (decl.type === "ExportNamedDeclaration" || decl.type ===\n    "ExportAllDeclaration") {\n      decl.exportKind = decl.exportKind || "value";\n    }\n    return decl;\n  }\n  parseExportDeclaration(node) {\n    if (this.isContextual("type")) {\n      node.exportKind = "type";\n      const declarationNode = this.startNode();\n      this.next();\n      if (this.match(types.braceL)) {\n        node.specifiers = this.parseExportSpecifiers();\n        this.parseExportFrom(node);\n        return null;\n      } else\n      {\n        return this.flowParseTypeAlias(declarationNode);\n      }\n    } else if (this.isContextual("opaque")) {\n      node.exportKind = "type";\n      const declarationNode = this.startNode();\n      this.next();\n      return\n      this.flowParseOpaqueType(declarationNode, false);\n    } else if (this.isContextual("interface")) {\n      node.exportKind = "type";\n      const declarationNode = this.startNode();\n      this.next();\n      return\n      this.flowParseInterface(declarationNode);\n    } else if (this.shouldParseEnums() && this.isContextual("enum"))\n    {\n      node.exportKind = "value";\n      const declarationNode = this.startNode();\n      this.next();\n      return\n      this.flowParseEnumDeclaration(declarationNode);\n    } else {\n      return super.parseExportDeclaration(node);\n    }\n  }\n  eatExportStar(node) {\n    if (super.eatExportStar(...arguments)) return true;\n    if\n    (this.isContextual("type") && this.lookahead().type === types.star) {\n      node.exportKind = "type";\n      this.next();\n      this.next();\n      return true;\n    }\n    return false;\n  }\n  maybeParseExportNamespaceSpecifier(node) {\n    const pos = this.state.start;\n    const hasNamespace =\n    super.maybeParseExportNamespaceSpecifier(node);\n    if (hasNamespace && node.exportKind === "type")\n    {\n      this.unexpected(pos);\n    }\n    return hasNamespace;\n  }\n  parseClassId(node, isStatement,\n  optionalId) {\n    super.parseClassId(node, isStatement, optionalId);\n    if (this.isRelational("<")) {\n      node.typeParameters = this.flowParseTypeParameterDeclaration();\n    }\n  }\n  parseClassMember(classBody,\n  member, state) {\n    const pos = this.state.start;\n    if (this.isContextual("declare")) {\n      if\n      (this.parseClassMemberFromModifier(classBody, member)) {\n        return;\n      }\n      member.declare =\n      true;\n    }\n    super.parseClassMember(classBody, member, state);\n    if (member.declare) {\n      if\n      (member.type !== "ClassProperty" && member.type !== "ClassPrivateProperty") {\n        this.raise(pos,\n        FlowErrors.DeclareClassElement);\n      }\n      else if (member.value) {\n        this.raise(member.value.start,\n        FlowErrors.DeclareClassFieldInitializer);\n      }\n    }\n  }\n  getTokenFromCode(code) {\n    const next =\n    this.input.charCodeAtAt(this.state.pos + 1);\n    if (code === 123 && next === 124) {\n      return\n      this.finishOp(types.braceBarL, 2);\n    } else if (this.state.inType && (code === 62 || code === 60)) {\n      return\n      this.finishOp(types.relational, 1);\n    } else if (this.state.inType && code === 63) {\n      return

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this.finishOp(types.question, 1);\n    } else if (isIteratorStart(code, next)) {\n        this.state.isIterator = true;\n    return super.readWord();\n    } else {\n        return super.getTokenFromCode(code);\n    }\n}\n\nisAssignable(node, isBinding) {\n    switch (node.type) {\n        case \"Identifier\":\n        case \"ObjectPattern\":\n        case \"ArrayPattern\":\n        case \"AssignmentPattern\":\n            return true;\n        case \"ObjectExpression\":\n            {\n                const last = node.properties.length - 1;\n                return node.properties.every((prop, i) => {\n                    return prop.type !== \"ObjectMethod\" && (i === last || prop.type === \"SpreadElement\") &&\n                    this.isAssignable(prop);\n                });\n            }\n        case \"ObjectProperty\":\n            return\n            this.isAssignable(node.value);\n        case \"SpreadElement\":\n            return this.isAssignable(node.argument);\n        case \"ArrayExpression\":\n            return node.elements.every(element => this.isAssignable(element));\n        case \"AssignmentExpression\":\n            return node.operator === \"=\";\n        case \"ParenthesizedExpression\":\n        case \"TypeCastExpression\":\n            return this.isAssignable(node.expression);\n        case\n        \"MemberExpression\":\n        case \"OptionalMemberExpression\":\n            return !isBinding;\n        default:\n            return false;\n    }\n}\n\n    toAssignable(node) {\n        if (node.type === \"TypeCastExpression\") {\n            return\n            super.toAssignable(this.typeCastToParameter(node));\n        } else {\n            return super.toAssignable(node);\n        }\n    }\n\n    toAssignableList(exprList, trailingCommaPos) {\n        for (let i = 0; i < exprList.length; i++) {\n            const\n            expr = exprList[i];\n            if ((expr == null ? void 0 : expr.type) === \"TypeCastExpression\") {\n                exprList[i]\n                = this.typeCastToParameter(expr);\n            }\n        }\n        return super.toAssignableList(exprList,\n        trailingCommaPos);\n    }\n\n    toReferencedList(exprList, isParenthesizedExpr) {\n        for (let i = 0; i <\n        exprList.length; i++) {\n            var _expr$extra;\n            const expr = exprList[i];\n            if (expr && expr.type ===\n            \"TypeCastExpression\" && !((_expr$extra = expr.extra) == null ? void 0 : _expr$extra.parenthesized) &&\n            (exprList.length > 1 || !isParenthesizedExpr)) {\n                this.raise(expr.typeAnnotation.start,\n                FlowErrors.TypeCastInPattern);\n            }\n        }\n        return exprList;\n    }\n\n    parseArrayLike(close,\n    canBePattern, isTuple, refExpressionErrors) {\n        const node = super.parseArrayLike(close, canBePattern, isTuple,\n        refExpressionErrors);\n        if (canBePattern && !this.state.maybeInArrowParameters) {\n            this\n            toReferencedList(node.elements);\n        }\n        return node;\n    }\n\n    checkLVal(expr, bindingType =\n    BIND_NONE, checkClashes, contextDescription) {\n        if (expr.type !== \"TypeCastExpression\") {\n            return\n            super.checkLVal(expr, bindingType, checkClashes, contextDescription);\n        }\n    }\n\n    parseClassProperty(node) {\n        if (this.match(types.colon)) {\n            node.typeAnnotation =\n            this.flowParseTypeAnnotation();\n        }\n        return super.parseClassProperty(node);\n    }\n\n    parseClassPrivateProperty(node) {\n        if (this.match(types.colon)) {\n            node.typeAnnotation =\n            this.flowParseTypeAnnotation();\n        }\n        return super.parseClassPrivateProperty(node);\n    }\n\n    isClassMethod() {\n        return this.isRelational(\"<\") || super.isClassMethod();\n    }\n\n    isClassProperty() {\n        return this.match(types.colon) || super.isClassProperty();\n    }\n\n    isNonstaticConstructor(method) {\n        return\n        !this.match(types.colon) && super.isNonstaticConstructor(method);\n    }\n\n    pushClassMethod(classBody,\n    method, isGenerator, isAsync, isConstructor, allowsDirectSuper) {\n        if (method.variance) {\n            this\n            unexpected(method.variance.start);\n        }\n        delete method.variance;\n        if (this.isRelational(\"<\")) {\n            method\n            typeParameters = this.flowParseTypeParameterDeclaration();\n        }\n        super\n        pushClassMethod(classBody, method, isGenerator, isAsync, isConstructor, allowsDirectSuper);\n    }\n\n    pushClassPrivateMethod(classBody, method, isGenerator, isAsync) {\n        if (method.variance) {\n            this\n            unexpected(method.variance.start);\n        }\n        delete method.variance;\n        if (this.isRelational(\"<\")) {\n            method\n            typeParameters = this.flowParseTypeParameterDeclaration();\n        }\n        super\n        pushClassPrivateMethod(classBody, method, isGenerator, isAsync);\n    }\n\n    parseClassSuper(node) {\n        super\n        parseClassSuper(node);\n        if (node.superClass && this.isRelational(\"<\")) {\n            node\n            superTypeParameters = this.flowParseTypeParameterInstantiation();\n        }\n        if\n        (this.isContextual(\"implements\")) {\n            this\n            next();\n            const implemented = node.implements = [];\n            do {\n                const node = this.startNode();\n                node.id = this.flowParseRestrictedIdentifier(true);\n                if\n                (this.isRelational(\"<\")) {\n                    node\n                    typeParameters = this.flowParseTypeParameterInstantiation();\n                }\n            } else {\n                node\n                typeParameters = null;\n            }\n            implemented\n            .push(this.finishNode(node),

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"ClassImplements");\n    } while (this.eat(types.comma));\n    }\n    }\n\n    parsePropertyName(node,
isPrivateNameAllowed) {\n    const variance = this.flowParseVariance();\n    const key =
super.parsePropertyName(node, isPrivateNameAllowed);\n    node.variance = variance;\n    return key;\n    }\n\n    parseObjPropValue(prop, startPos, startLoc, isGenerator, isAsync, isPattern, isAccessor, refExpressionErrors) {\n
if (prop.variance) {\n    this.unexpected(prop.variance.start);\n    }\n\n    delete prop.variance;\n    let
typeParameters;\n\n    if (this.isRelational("<") && !isAccessor) {\n    typeParameters =
this.flowParseTypeParameterDeclaration();\n    if (!this.match(types.parenL)) this.unexpected();\n    }\n\n    super.parseObjPropValue(prop, startPos, startLoc, isGenerator, isAsync, isPattern, isAccessor,
refExpressionErrors);\n\n    if (typeParameters) {\n    (prop.value || prop).typeParameters = typeParameters;\n
}\n    }\n\n    parseAssignableListItemTypes(param) {\n    if (this.eat(types.question)) {\n    if (param.type !==
"Identifier") {\n    this.raise(param.start, FlowErrors.OptionalBindingPattern);\n    }\n\n    param.optional
= true;\n    }\n\n    if (this.match(types.colon)) {\n    param.typeAnnotation =
this.flowParseTypeAnnotation();\n    }\n\n    this.resetEndLocation(param);\n    return param;\n    }\n\n    parseMaybeDefault(startPos, startLoc, left) {\n    const node = super.parseMaybeDefault(startPos, startLoc,
left);\n\n    if (node.type === "AssignmentPattern" && node.typeAnnotation && node.right.start <
node.typeAnnotation.start) {\n    this.raise(node.typeAnnotation.start, FlowErrors.TypeBeforeInitializer);\n
}\n\n    return node;\n    }\n\n    shouldParseDefaultImport(node) {\n    if (!hasTypeImportKind(node)) {\n
return super.shouldParseDefaultImport(node);\n    }\n\n    return isMaybeDefaultImport(this.state);\n    }\n\n    parseImportSpecifierLocal(node, specifier, type, contextDescription) {\n    specifier.local =
hasTypeImportKind(node) ? this.flowParseRestrictedIdentifier(true, true) : this.parseIdentifier();\n
this.checkLVal(specifier.local, BIND_LEXICAL, undefined, contextDescription);\n
node.specifiers.push(this.finishNode(specifier, type));\n    }\n\n    maybeParseDefaultImportSpecifier(node) {\n
node.importKind = "value";\n    let kind = null;\n\n    if (this.match(types._typeof)) {\n    kind = "typeof";\n
} else if (this.isContextual("type")) {\n    kind = "type";\n    }\n\n    if (kind) {\n    const lh =
this.lookahead();\n\n    if (kind === "type" && lh.type === types.star) {\n    this.unexpected(lh.start);\n
}\n\n    if (isMaybeDefaultImport(lh) || lh.type === types.braceL || lh.type === types.star) {\n    this.next();\n
node.importKind = kind;\n    }\n    }\n\n    return super.maybeParseDefaultImportSpecifier(node);\n    }\n\n    parseImportSpecifier(node) {\n    const specifier = this.startNode();\n    const firstIdentLoc = this.state.start;\n
const firstIdent = this.parseModuleExportName();\n    let specifierTypeKind = null;\n\n    if (firstIdent.type ===
"Identifier") {\n    if (firstIdent.name === "type") {\n    specifierTypeKind = "type";\n    } else if
(firstIdent.name === "typeof") {\n    specifierTypeKind = "typeof";\n    }\n    }\n\n    let isBinding =
false;\n\n    if (this.isContextual("as") && !this.isLookaheadContextual("as")) {\n    const as_ident =
this.parseIdentifier(true);\n\n    if (specifierTypeKind !== null && !this.match(types.name) &&
!this.state.type.keyword) {\n    specifier.imported = as_ident;\n    specifier.importKind =
specifierTypeKind;\n    specifier.local = as_ident.__clone();\n    } else {\n    specifier.imported =
firstIdent;\n    specifier.importKind = null;\n    specifier.local = this.parseIdentifier();\n    }\n    } else if
(specifierTypeKind !== null && (this.match(types.name) || this.state.type.keyword)) {\n    specifier.imported =
this.parseIdentifier(true);\n    specifier.importKind = specifierTypeKind;\n\n    if (this.eatContextual("as")) {\n
specifier.local = this.parseIdentifier();\n    } else {\n    isBinding = true;\n    specifier.local =
specifier.imported.__clone();\n    }\n    } else {\n    if (firstIdent.type === "StringLiteral") {\n    throw
this.raise(specifier.start, ErrorMessages.ImportBindingIsString, firstIdent.value);\n    }\n\n    isBinding = true;\n
specifier.imported = firstIdent;\n    specifier.importKind = null;\n    specifier.local =
specifier.imported.__clone();\n    }\n\n    const nodeIsTypeImport = hasTypeImportKind(node);\n    const
specifierIsTypeImport = hasTypeImportKind(specifier);\n\n    if (nodeIsTypeImport && specifierIsTypeImport)
{\n    this.raise(firstIdentLoc, FlowErrors.ImportTypeShorthandOnlyInPureImport);\n    }\n\n    if
(nodeIsTypeImport || specifierIsTypeImport) {\n    this.checkReservedType(specifier.local.name,
specifier.local.start, true);\n    }\n\n    if (isBinding && !nodeIsTypeImport && !specifierIsTypeImport) {\n
this.checkReservedWord(specifier.local.name, specifier.start, true, true);\n    }\n\n

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this.checkLVal(specifier.local, BIND_LEXICAL, undefined, "import specifier");\n
node.specifiers.push(this.finishNode(specifier, "ImportSpecifier"));\n } \n\n parseFunctionParams(node,\n allowModifiers) {\n   const kind = node.kind;\n   if (kind !== "get" && kind !== "set" &&\n this.isRelational("<")) {\n     node.typeParameters = this.flowParseTypeParameterDeclaration();\n   } \n\n super.parseFunctionParams(node, allowModifiers);\n } \n\n parseVarId(decl, kind) {\n   super.parseVarId(decl,\n kind);\n   if (this.match(types.colon)) {\n     decl.id.typeAnnotation = this.flowParseTypeAnnotation();\n   }\n   this.resetEndLocation(decl.id);\n } \n\n parseAsyncArrowFromCallExpression(node, call) {\n   if\n (this.match(types.colon)) {\n     const oldNoAnonFunctionType = this.state.noAnonFunctionType;\n     this.state.noAnonFunctionType = true;\n     node.returnType = this.flowParseTypeAnnotation();\n     this.state.noAnonFunctionType = oldNoAnonFunctionType;\n   } \n\n return\n super.parseAsyncArrowFromCallExpression(node, call);\n } \n\n shouldParseAsyncArrow() {\n   return\n this.match(types.colon) || super.shouldParseAsyncArrow();\n } \n\n parseMaybeAssign(refExpressionErrors,\n afterLeftParse, refNeedsArrowPos) {\n   var _jsx;\n   let state = null;\n   let jsx;\n   if\n (this.hasPlugin("jsx") && (this.match(types.jsxTagStart) || this.isRelational("<"))) {\n     state =\n this.state.clone();\n     jsx = this.tryParse(() => super.parseMaybeAssign(refExpressionErrors, afterLeftParse,\n refNeedsArrowPos), state);\n     if (!jsx.error) return jsx.node;\n     const {\n       context\n     } =\n this.state;\n     if (context[context.length - 1] === types.$1.j_oTag) {\n       context.length -= 2;\n     } else if\n (context[context.length - 1] === types.$1.j_expr) {\n       context.length -= 1;\n     } \n\n if (((_jsx = jsx)\n == null ? void 0 : _jsx.error) || this.isRelational("<")) {\n       var _jsx2, _jsx3;\n       state = state ||\n this.state.clone();\n       let typeParameters;\n       const arrow = this.tryParse(abort => {\n         var\n _arrowExpression$extr;\n         typeParameters = this.flowParseTypeParameterDeclaration();\n         const\n arrowExpression = this.forwardNoArrowParamsConversionAt(typeParameters, () => {\n           const result =\n super.parseMaybeAssign(refExpressionErrors, afterLeftParse, refNeedsArrowPos);\n           this.resetStartLocationFromNode(result, typeParameters);\n           return result;\n         });\n         if\n (arrowExpression.type !== "ArrowFunctionExpression" && ((_arrowExpression$extr = arrowExpression.extra)\n == null ? void 0 : _arrowExpression$extr.parenthesized)) {\n           abort();\n         } \n\n const expr =\n this.maybeUnwrapTypeCastExpression(arrowExpression);\n         expr.typeParameters = typeParameters;\n         this.resetStartLocationFromNode(expr, typeParameters);\n         return arrowExpression;\n       }, state);\n       let\n arrowExpression = null;\n       if (arrow.node && this.maybeUnwrapTypeCastExpression(arrow.node).type ===\n "ArrowFunctionExpression") {\n         if (!arrow.error && !arrow.aborted) {\n           if (arrow.node.async) {\n             this.raise(typeParameters.start, FlowErrors.UnexpectedTypeParameterBeforeAsyncArrowFunction);\n           } \n\n return arrow.node;\n         } \n\n arrowExpression = arrow.node;\n       } \n\n if ((_jsx2 = jsx)\n == null ? void 0 : _jsx2.node) {\n         this.state = jsx.failState;\n         return jsx.node;\n       } \n\n if\n (arrowExpression) {\n         this.state = arrow.failState;\n         return arrowExpression;\n       } \n\n if ((_jsx3 =\n jsx) == null ? void 0 : _jsx3.thrown) throw jsx.error;\n       if (arrow.thrown) throw arrow.error;\n       throw\n this.raise(typeParameters.start, FlowErrors.UnexpectedTokenAfterTypeParameter);\n     } \n\n return\n super.parseMaybeAssign(refExpressionErrors, afterLeftParse, refNeedsArrowPos);\n } \n\n parseArrow(node)\n {\n   if (this.match(types.colon)) {\n     const result = this.tryParse(() => {\n       const\n oldNoAnonFunctionType = this.state.noAnonFunctionType;\n       this.state.noAnonFunctionType = true;\n       const typeNode = this.startNode();\n       [typeNode.typeAnnotation, node.predicate] =\n this.flowParseTypeAndPredicateInitialiser();\n       this.state.noAnonFunctionType = oldNoAnonFunctionType;\n       if (this.canInsertSemicolon()) this.unexpected();\n       if (!this.match(types.arrow)) this.unexpected();\n       return typeNode;\n     });\n     if (result.thrown) return null;\n     if (result.error) this.state = result.failState;\n     node.returnType = result.node.typeAnnotation ? this.finishNode(result.node, "TypeAnnotation") : null;\n   } \n\n return super.parseArrow(node);\n } \n\n shouldParseArrow() {\n   return this.match(types.colon) ||\n super.shouldParseArrow();\n } \n\n setArrowFunctionParameters(node, params) {\n   if\n (this.state.noArrowParamsConversionAt.indexOf(node.start) !== -1) {\n     node.params = params;\n   } else {\n     super.setArrowFunctionParameters(node, params);\n   } \n\n checkParams(node, allowDuplicates,\n
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isArrowFunction) {\n    if (isArrowFunction && this.state.noArrowParamsConversionAt.indexOf(node.start) !== -
1) {\n        return;\n    }\n    return super.checkParams(...arguments);\n }\n\nparseParenAndDistinguishExpression(canBeArrow) {\n    return
super.parseParenAndDistinguishExpression(canBeArrow && this.state.noArrowAt.indexOf(this.state.start) === -
1);\n }\n\nparseSubscripts(base, startPos, startLoc, noCalls) {\n    if (base.type === \"Identifier\" &&
base.name === \"async\" && this.state.noArrowAt.indexOf(startPos) !== -1) {\n        this.next();\n        const node =
this.startNodeAt(startPos, startLoc);\n        node.callee = base;\n        node.arguments =
this.parseCallExpressionArguments(types.parenR, false);\n        base = this.finishNode(node, \"CallExpression\");\n        } else if (base.type === \"Identifier\" && base.name === \"async\" && this.isRelational("<")) {\n        const state
= this.state.clone();\n        const arrow = this.tryParse(abort => this.parseAsyncArrowWithTypeParameters(startPos,
startLoc) || abort(), state);\n        if (!arrow.error && !arrow.aborted) return arrow.node;\n        const result =
this.tryParse(() => super.parseSubscripts(base, startPos, startLoc, noCalls), state);\n        if (result.node &&
!result.error) return result.node;\n        if (arrow.node) {\n            this.state = arrow.failState;\n            return
arrow.node;\n        }\n        if (result.node) {\n            this.state = result.failState;\n            return result.node;\n        }\n        throw arrow.error || result.error;\n    }\n    return super.parseSubscripts(base, startPos, startLoc,
noCalls);\n }\n\nparseSubscript(base, startPos, startLoc, noCalls, subscriptState) {\n    if
(this.match(types.questionDot) && this.isLookaheadToken_It()) {\n        subscriptState.optionalChainMember =
true;\n        if (noCalls) {\n            subscriptState.stop = true;\n            return base;\n        }\n        this.next();\n        const node = this.startNodeAt(startPos, startLoc);\n        node.callee = base;\n        node.typeArguments =
this.flowParseTypeParameterInstantiation();\n        this.expect(types.parenL);\n        node.arguments =
this.parseCallExpressionArguments(types.parenR, false);\n        node.optional = true;\n        return
this.finishCallExpression(node, true);\n    } else if (!noCalls && this.shouldParseTypes() &&
this.isRelational("<")) {\n        const node = this.startNodeAt(startPos, startLoc);\n        node.callee = base;\n        const result = this.tryParse(() => {\n            node.typeArguments =
this.flowParseTypeParameterInstantiationCallOrNew();\n            this.expect(types.parenL);\n            node.arguments =
this.parseCallExpressionArguments(types.parenR, false);\n            if (subscriptState.optionalChainMember)
node.optional = false;\n            return this.finishCallExpression(node, subscriptState.optionalChainMember);\n        });\n        if (result.node) {\n            if (result.error) this.state = result.failState;\n            return result.node;\n        }\n    }\n    return super.parseSubscript(base, startPos, startLoc, noCalls, subscriptState);\n }\n\nparseNewArguments(node) {\n    let targ$
= null;\n    if (this.shouldParseTypes() && this.isRelational("<")) {\n        targ$
= this.tryParse(() => this.flowParseTypeParameterInstantiationCallOrNew()).node;\n    }\n    node.typeArguments = targ$
;\n    super.parseNewArguments(node);\n }\n\nparseAsyncArrowWithTypeParameters(startPos, startLoc) {\n    const node = this.startNodeAt(startPos,
startLoc);\n    this.parseFunctionParams(node);\n    if (!this.parseArrow(node)) return;\n    return
this.parseArrowExpression(node, undefined, true);\n }\n\nreadToken_mult_modulo(code) {\n    const next =
this.input.charCodeAtAt(this.state.pos + 1);\n    if (code === 42 && next === 47 && this.state.hasFlowComment) {\n        this.state.hasFlowComment = false;\n        this.state.pos += 2;\n        this.nextToken();\n        return;\n    }\n    super.readToken_mult_modulo(code);\n }\n\nreadToken_pipe_amp(code) {\n    const next =
this.input.charCodeAtAt(this.state.pos + 1);\n    if (code === 124 && next === 125) {\n        this.finishOp(types.braceBarR, 2);\n        return;\n    }\n    super.readToken_pipe_amp(code);\n }\n\nparseTopLevel(file, program) {\n    const fileNode = super.parseTopLevel(file, program);\n    if
(this.state.hasFlowComment) {\n        this.raise(this.state.pos, FlowErrors.UnterminatedFlowComment);\n    }\n    return fileNode;\n }\n\nskipBlockComment() {\n    if (this.hasPlugin(\"flowComments\") &&
this.skipFlowComment()) {\n        if (this.state.hasFlowComment) {\n            this.unexpected(null,
FlowErrors.NestedFlowComment);\n        }\n        this.hasFlowCommentCompletion();\n        this.state.pos +=
this.skipFlowComment();\n        this.state.hasFlowComment = true;\n        return;\n    }\n    if
(this.state.hasFlowComment) {\n        const end = this.input.indexOf(\"*-/\", this.state.pos + 2);\n        if (end ===
-1) {\n            throw this.raise(this.state.pos - 2, ErrorMessages.UnterminatedComment);\n        }\n    }\n}

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this.state.pos = end + 3;\n    return;\n    }\n\n    super.skipBlockComment();\n    }\n\n    skipFlowComment() {\n
    const {\n    pos\n    } = this.state;\n    let shiftToFirstNonWhiteSpace = 2;\n    while ([32,\n
9].includes(this.input.charCodeAt(pos + shiftToFirstNonWhiteSpace))) {\n    shiftToFirstNonWhiteSpace++;\n
}\n\n    const ch2 = this.input.charCodeAt(shiftToFirstNonWhiteSpace + pos);\n    const ch3 =\n
this.input.charCodeAt(shiftToFirstNonWhiteSpace + pos + 1);\n    if (ch2 === 58 && ch3 === 58) {\n
return shiftToFirstNonWhiteSpace + 2;\n    }\n\n    if (this.input.slice(shiftToFirstNonWhiteSpace + pos,\n
shiftToFirstNonWhiteSpace + pos + 12) === \"flow-include\") {\n    return shiftToFirstNonWhiteSpace + 12;\n
}\n\n    if (ch2 === 58 && ch3 !== 58) {\n    return shiftToFirstNonWhiteSpace;\n    }\n\n    return false;\n
}\n\n    hasFlowCommentCompletion() {\n    const end = this.input.indexOf(\"*\", this.state.pos);\n    if (end\n
=== -1) {\n    throw this.raise(this.state.pos, ErrorMessages.UnterminatedComment);\n    }\n    }\n\n    flowEnumErrorBooleanMemberNotInitialized(pos, {\n    enumName,\n    memberName\n    }) {\n
this.raise(pos, FlowErrors.EnumBooleanMemberNotInitialized, memberName, enumName);\n    }\n\n    flowEnumErrorInvalidMemberName(pos, {\n    enumName,\n    memberName\n    }) {\n    const suggestion =\n
memberName[0].toUpperCase() + memberName.slice(1);\n    this.raise(pos,\n
FlowErrors.EnumInvalidMemberName, memberName, suggestion, enumName);\n    }\n\n    flowEnumErrorDuplicateMemberName(pos, {\n    enumName,\n    memberName\n    }) {\n    this.raise(pos,\n
FlowErrors.EnumDuplicateMemberName, memberName, enumName);\n    }\n\n    flowEnumErrorInconsistentMemberValues(pos, {\n    enumName\n    }) {\n    this.raise(pos,\n
FlowErrors.EnumInconsistentMemberValues, enumName);\n    }\n\n    flowEnumErrorInvalidExplicitType(pos, {\n
    enumName,\n    suppliedType\n    }) {\n    return this.raise(pos, suppliedType === null ?\n
FlowErrors.EnumInvalidExplicitTypeUnknownSupplied : FlowErrors.EnumInvalidExplicitType, enumName,\n
suppliedType);\n    }\n\n    flowEnumErrorInvalidMemberInitializer(pos, {\n    enumName,\n    explicitType,\n
memberName\n    }) {\n    let message = null;\n\n    switch (explicitType) {\n    case \"boolean\":\n    case\n
\"number\":\n    case \"string\":\n    message = FlowErrors.EnumInvalidMemberInitializerPrimaryType;\n
break;\n    case \"symbol\":\n    message = FlowErrors.EnumInvalidMemberInitializerSymbolType;\n
break;\n    default:\n    message = FlowErrors.EnumInvalidMemberInitializerUnknownType;\n    }\n\n    return this.raise(pos, message, enumName, memberName, explicitType);\n    }\n\n    flowEnumErrorNumberMemberNotInitialized(pos, {\n    enumName,\n    memberName\n    }) {\n
this.raise(pos, FlowErrors.EnumNumberMemberNotInitialized, enumName, memberName);\n    }\n\n    flowEnumErrorStringMemberInconsistentlyInitailized(pos, {\n    enumName\n    }) {\n    this.raise(pos,\n
FlowErrors.EnumStringMemberInconsistentlyInitailized, enumName);\n    }\n\n    flowEnumMemberInit() {\n
const startPos = this.state.start;\n\n    const endOfInit = () => this.match(types.comma) ||\n
this.match(types.braceR);\n\n    switch (this.state.type) {\n    case types.num:\n    {\n    const literal =\n
this.parseLiteral(this.state.value, \"NumericLiteral\");\n\n    if (endOfInit()) {\n    return {\n
type: \"number\", \n    pos: literal.start, \n    value: literal\n    };\n    }\n\n    return {\n
type: \"invalid\", \n    pos: startPos\n    };\n    }\n\n    case types.string:\n    {\n    const\n
literal = this.parseLiteral(this.state.value, \"StringLiteral\");\n\n    if (endOfInit()) {\n    return {\n
type: \"string\", \n    pos: literal.start, \n    value: literal\n    };\n    }\n\n    return {\n
type: \"invalid\", \n    pos: startPos\n    };\n    }\n\n    case types._true:\n    case types._false:\n
{\n    const literal = this.parseBooleanLiteral();\n\n    if (endOfInit()) {\n    return {\n
type: \"boolean\", \n    pos: literal.start, \n    value: literal\n    };\n    }\n\n    return {\n
type: \"invalid\", \n    pos: startPos\n    };\n    }\n\n    default:\n    return {\n    type:\n
\"invalid\", \n    pos: startPos\n    };\n    }\n    }\n\n    }\n\n    flowEnumMemberRaw() {\n    const pos =\n
this.state.start;\n    const id = this.parseIdentifier(true);\n    const init = this.eat(types.eq) ?\n
this.flowEnumMemberInit() : {\n    type: \"none\", \n    pos\n    };\n    return {\n    id, \n    init\n    };\n
}\n\n    flowEnumCheckExplicitTypeMismatch(pos, context, expectedType) {\n    const {\n    explicitType\n
} = context;\n\n    if (explicitType === null) {\n    return;\n    }\n\n    if (explicitType !== expectedType) {\n
this.flowEnumErrorInvalidMemberInitializer(pos, context);\n    }\n    }\n\n    flowEnumMembers({\n

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enumName,\n  explicitType\n }) {\n  const seenNames = new Set();\n  const members = {\n
booleanMembers: [],\n  numberMembers: [],\n  stringMembers: [],\n  defaultedMembers: []\n  };\n\n
while (!this.match(types.braceR)) {\n  const memberNode = this.startNode();\n  const {\n    id,\n
init\n  } = this.flowEnumMemberRaw();\n  const memberName = id.name;\n\n  if (memberName ===
'\n') {\n    continue;\n  }\n\n  if (/^[a-z]/.test(memberName)) {\n
this.flowEnumErrorInvalidMemberName(id.start, {\n  enumName,\n  memberName\n });\n
}\n\n  if (seenNames.has(memberName)) {\n    this.flowEnumErrorDuplicateMemberName(id.start, {\n
enumName,\n    memberName\n });\n  }\n\n  seenNames.add(memberName);\n  const
context = {\n    enumName,\n    explicitType,\n    memberName\n  }; \n  memberNode.id = id;\n\n
switch (init.type) {\n  case \"boolean\":\n    {\n
this.flowEnumCheckExplicitTypeMismatch(init.pos, context, \"boolean\");\n    memberNode.init =
init.value;\n    members.booleanMembers.push(this.finishNode(memberNode, \"EnumBooleanMember\")); \n
break;\n    }\n\n  case \"number\":\n    {\n
this.flowEnumCheckExplicitTypeMismatch(init.pos, context, \"number\");\n    memberNode.init =
init.value;\n    members.numberMembers.push(this.finishNode(memberNode, \"EnumNumberMember\")); \n
break;\n    }\n\n  case \"string\":\n    {\n
this.flowEnumCheckExplicitTypeMismatch(init.pos, context, \"string\");\n    memberNode.init = init.value;\n
members.stringMembers.push(this.finishNode(memberNode, \"EnumStringMember\")); \n    break;\n
}\n\n  case \"invalid\":\n    {\n    throw this.flowEnumErrorInvalidMemberInitializer(init.pos,
context);\n    }\n\n  case \"none\":\n    {\n    switch (explicitType) {\n      case
\"boolean\":\n        this.flowEnumErrorBooleanMemberNotInitialized(init.pos, context);\n
break;\n      case \"number\":\n        this.flowEnumErrorNumberMemberNotInitialized(init.pos,
context);\n        break;\n      default:\n
members.defaultedMembers.push(this.finishNode(memberNode, \"EnumDefaultedMember\")); \n    }\n
}\n\n  if (!this.match(types.braceR)) {\n    this.expect(types.comma);\n  }\n\n  return
members;\n }\n\n flowEnumStringMembers(initializedMembers, defaultedMembers, {\n  enumName\n })
{\n  if (initializedMembers.length === 0) {\n    return defaultedMembers;\n  } else if
(defaultedMembers.length === 0) {\n    return initializedMembers;\n  } else if (defaultedMembers.length >
initializedMembers.length) {\n    for (let _i = 0; _i < initializedMembers.length; _i++) {\n    const member =
initializedMembers[_i];\n    this.flowEnumErrorStringMemberInconsistentlyInitailized(member.start, {\n
enumName\n    });\n    }\n\n    return defaultedMembers;\n  } else {\n    for (let _i2 = 0; _i2 <
defaultedMembers.length; _i2++) {\n    const member = defaultedMembers[_i2];\n
this.flowEnumErrorStringMemberInconsistentlyInitailized(member.start, {\n  enumName\n });\n
}\n\n    return initializedMembers;\n  }\n }\n\n flowEnumParseExplicitType({\n  enumName\n }) {\n
if (this.eatContextual(\"of\")) {\n  if (!this.match(types.name)) {\n    throw
this.flowEnumErrorInvalidExplicitType(this.state.start, {\n  enumName,\n  suppliedType: null\n
});\n  }\n\n  const {\n    value\n  } = this.state;\n  this.next();\n\n  if (value !== \"boolean\" &&
value !== \"number\" && value !== \"string\" && value !== \"symbol\") {\n
this.flowEnumErrorInvalidExplicitType(this.state.start, {\n  enumName,\n  suppliedType: value\n
});\n  }\n\n  return value;\n }\n\n return null;\n }\n\n flowEnumBody(node, {\n  enumName,\n
nameLoc\n }) {\n  const explicitType = this.flowEnumParseExplicitType({\n  enumName\n });\n
this.expect(types.braceL);\n  const members = this.flowEnumMembers({\n  enumName,\n  explicitType\n
});\n\n  switch (explicitType) {\n    case \"boolean\":\n      node.explicitType = true;\n      node.members
= members.booleanMembers;\n      this.expect(types.braceR);\n      return this.finishNode(node,
\"EnumBooleanBody\");\n\n    case \"number\":\n      node.explicitType = true;\n      node.members =
members.numberMembers;\n      this.expect(types.braceR);\n      return this.finishNode(node,
\"EnumNumberBody\");\n\n    case \"string\":\n      node.explicitType = true;\n      node.members =
this.flowEnumStringMembers(members.stringMembers, members.defaultedMembers, {\n  enumName\n

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});\n      this.expect(types.braceR);\n      return this.finishNode(node, \"EnumStringBody\");\n\n      case\n\"symbol\":\n      node.members = members.defaultedMembers;\n      this.expect(types.braceR);\n      return\nthis.finishNode(node, \"EnumSymbolBody\");\n\n      default:\n      {\n      const empty = () => {\n\nnode.members = [];\n      this.expect(types.braceR);\n      return this.finishNode(node,\n\"EnumStringBody\");\n      };\n\n      node.explicitType = false;\n      const boolsLen =\nmembers.booleanMembers.length;\n      const numsLen = members.numberMembers.length;\n      const\nstrsLen = members.stringMembers.length;\n      const defaultedLen = members.defaultedMembers.length;\n\n      if (!boolsLen && !numsLen && !strsLen && !defaultedLen) {\n      return empty();\n      } else if\n(!boolsLen && !numsLen) {\n      node.members = this.flowEnumStringMembers(members.stringMembers,\nmembers.defaultedMembers, {\n      enumName\n      });\n      this.expect(types.braceR);\n      return this.finishNode(node, \"EnumStringBody\");\n      } else if (!numsLen && !strsLen && boolsLen >=\ndefaultedLen) {\n      for (let _i3 = 0, _members$defaultedMem = members.defaultedMembers; _i3 <\n_members$defaultedMem.length; _i3++) {\n      const member = _members$defaultedMem[_i3];\n      this.flowEnumErrorBooleanMemberNotInitialized(member.start, {\n      enumName,\n      memberName: member.id.name\n      });\n      }\n\n      node.members =\nmembers.booleanMembers;\n      this.expect(types.braceR);\n      return this.finishNode(node,\n\"EnumBooleanBody\");\n      } else if (!boolsLen && !strsLen && numsLen >= defaultedLen) {\n      for\n(let _i4 = 0, _members$defaultedMem2 = members.defaultedMembers; _i4 < _members$defaultedMem2.length;\n_i4++) {\n      const member = _members$defaultedMem2[_i4];\n      this.flowEnumErrorNumberMemberNotInitialized(member.start, {\n      enumName,\n      memberName: member.id.name\n      });\n      }\n\n      node.members =\nmembers.numberMembers;\n      this.expect(types.braceR);\n      return this.finishNode(node,\n\"EnumNumberBody\");\n      } else {\n      this.flowEnumErrorInconsistentMemberValues(nameLoc, {\n      enumName\n      });\n      return empty();\n      }\n      }\n      }\n      }\n\n      flowParseEnumDeclaration(node) {\n      const id = this.parseIdentifier();\n      node.id = id;\n      node.body =\nthis.flowEnumBody(this.startNode(), {\n      enumName: id.name,\n      nameLoc: id.start\n      });\n      return\nthis.finishNode(node, \"EnumDeclaration\");\n      }\n\n      updateContext(prevType) {\n      if (this.match(types.name)\n&& this.state.value === \"of\" && prevType === types.name && this.input.slice(this.state.lastTokStart,\nthis.state.lastTokEnd) === \"interface\") {\n      this.state.exprAllowed = false;\n      } else {\n      super.updateContext(prevType);\n      }\n      }\n\n      isLookaheadToken_It() {\n      const next =\nthis.nextTokenStart();\n\n      if (this.input.charCodeAtAt(next) === 60) {\n      const afterNext =\nthis.input.charCodeAtAt(next + 1);\n      return afterNext !== 60 && afterNext !== 61;\n      }\n\n      return false;\n      }\n\n      maybeUnwrapTypeCastExpression(node) {\n      return node.type === \"TypeCastExpression\" ?\nnode.expression : node;\n      }\n      }, _temp;\n});\n\nconst entities = {\n      quot: \"\\u0022\", \n      amp: \"&\", \n      apos:\n\"\\u0027\", \n      lt: \"<\", \n      gt: \">\", \n      nbsp: \"\\u00A0\", \n      iexcl: \"\\u00A1\", \n      cent: \"\\u00A2\", \n      pound:\n\"\\u00A3\", \n      curren: \"\\u00A4\", \n      yen: \"\\u00A5\", \n      brvbar: \"\\u00A6\", \n      sect: \"\\u00A7\", \n      uml:\n\"\\u00A8\", \n      copy: \"\\u00A9\", \n      ordf: \"\\u00AA\", \n      laquo: \"\\u00AB\", \n      not: \"\\u00AC\", \n      shy:\n\"\\u00AD\", \n      reg: \"\\u00AE\", \n      macr: \"\\u00AF\", \n      deg: \"\\u00B0\", \n      plusmn: \"\\u00B1\", \n      sup2:\n\"\\u00B2\", \n      sup3: \"\\u00B3\", \n      acute: \"\\u00B4\", \n      micro: \"\\u00B5\", \n      para: \"\\u00B6\", \n      middot:\n\"\\u00B7\", \n      cedil: \"\\u00B8\", \n      sup1: \"\\u00B9\", \n      ordm: \"\\u00BA\", \n      raquo: \"\\u00BB\", \n      frac14:\n\"\\u00BC\", \n      frac12: \"\\u00BD\", \n      frac34: \"\\u00BE\", \n      iquest: \"\\u00BF\", \n      Agrave: \"\\u00C0\", \n      Aacute:\n\"\\u00C1\", \n      Acirc: \"\\u00C2\", \n      Atilde: \"\\u00C3\", \n      Auml: \"\\u00C4\", \n      Aring: \"\\u00C5\", \n      Aelig:\n\"\\u00C6\", \n      Ccedil: \"\\u00C7\", \n      Egrave: \"\\u00C8\", \n      Eacute: \"\\u00C9\", \n      Ecirc: \"\\u00CA\", \n      Euml:\n\"\\u00CB\", \n      Igrave: \"\\u00CC\", \n      Iacute: \"\\u00CD\", \n      Icirc: \"\\u00CE\", \n      Iuml: \"\\u00CF\", \n      ETH:\n\"\\u00D0\", \n      Ntilde: \"\\u00D1\", \n      Ograve: \"\\u00D2\", \n      Oacute: \"\\u00D3\", \n      Ocirc: \"\\u00D4\", \n      Otilde:\n\"\\u00D5\", \n      Ouml: \"\\u00D6\", \n      times: \"\\u00D7\", \n      Oslash: \"\\u00D8\", \n      Ugrave: \"\\u00D9\", \n      Uacute:\n\"\\u00DA\", \n      Ucirc: \"\\u00DB\", \n      Uuml: \"\\u00DC\", \n      Yacute: \"\\u00DD\", \n      THORN:\n\"\\u00DE\", \n      szlig: \"\\u00DF\", \n      agrave: \"\\u00E0\", \n      aacute: \"\\u00E1\", \n      acirc: \"\\u00E2\", \n      atilde:\n

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"\u00E3",\n auml: "\u00E4",\n aring: "\u00E5",\n aelig: "\u00E6",\n ccedil: "\u00E7",\n egrave: "\u00E8",\n eacute: "\u00E9",\n ecirc: "\u00EA",\n euml: "\u00EB",\n igrave: "\u00EC",\n iacute: "\u00ED",\n icirc: "\u00EE",\n iuml: "\u00EF",\n eth: "\u00F0",\n ntilde: "\u00F1",\n ograve: "\u00F2",\n oacute: "\u00F3",\n ocirc: "\u00F4",\n otilde: "\u00F5",\n ouml: "\u00F6",\n divide: "\u00F7",\n oslash: "\u00F8",\n ugrave: "\u00F9",\n uacute: "\u00FA",\n ucirc: "\u00FB",\n uuml: "\u00FC",\n yacute: "\u00FD",\n thorn: "\u00FE",\n yuml: "\u00FF",\n OElig: "\u0152",\n oelig: "\u0153",\n Scaron: "\u0160",\n scaron: "\u0161",\n Yuml: "\u0178",\n fnof: "\u0192",\n circ: "\u02C6",\n tilde: "\u02DC",\n Alpha: "\u0391",\n Beta: "\u0392",\n Gamma: "\u0393",\n Delta: "\u0394",\n Epsilon: "\u0395",\n Zeta: "\u0396",\n Eta: "\u0397",\n Theta: "\u0398",\n Iota: "\u0399",\n Kappa: "\u039A",\n Lambda: "\u039B",\n Mu: "\u039C",\n Nu: "\u039D",\n Xi: "\u039E",\n Omicron: "\u039F",\n Pi: "\u03A0",\n Rho: "\u03A1",\n Sigma: "\u03A3",\n Tau: "\u03A4",\n Upsilon: "\u03A5",\n Phi: "\u03A6",\n Chi: "\u03A7",\n Psi: "\u03A8",\n Omega: "\u03A9",\n alpha: "\u03B1",\n beta: "\u03B2",\n gamma: "\u03B3",\n delta: "\u03B4",\n epsilon: "\u03B5",\n zeta: "\u03B6",\n eta: "\u03B7",\n theta: "\u03B8",\n iota: "\u03B9",\n kappa: "\u03BA",\n lambda: "\u03BB",\n mu: "\u03BC",\n nu: "\u03BD",\n xi: "\u03BE",\n omicron: "\u03BF",\n pi: "\u03C0",\n rho: "\u03C1",\n sigmaf: "\u03C2",\n sigma: "\u03C3",\n tau: "\u03C4",\n upsilon: "\u03C5",\n phi: "\u03C6",\n chi: "\u03C7",\n psi: "\u03C8",\n omega: "\u03C9",\n thetasym: "\u03D1",\n upsih: "\u03D2",\n piv: "\u03D6",\n ensp: "\u2002",\n emsp: "\u2003",\n thinsp: "\u2009",\n zwnj: "\u200C",\n zwj: "\u200D",\n lrm: "\u200E",\n rlm: "\u200F",\n ndash: "\u2013",\n mdash: "\u2014",\n lsquo: "\u2018",\n rsquo: "\u2019",\n sbquo: "\u201A",\n ldquo: "\u201C",\n rdquo: "\u201D",\n bdquo: "\u201E",\n dagger: "\u2020",\n Dagger: "\u2021",\n bull: "\u2022",\n hellip: "\u2026",\n permil: "\u2030",\n prime: "\u2032",\n Prime: "\u2033",\n lsquo: "\u2039",\n rsquo: "\u203A",\n oline: "\u203E",\n frasl: "\u2044",\n euro: "\u20AC",\n image: "\u2111",\n weierp: "\u2118",\n real: "\u211C",\n trade: "\u2122",\n alefsym: "\u2135",\n larr: "\u2190",\n uarr: "\u2191",\n rarr: "\u2192",\n darr: "\u2193",\n harr: "\u2194",\n crarr: "\u21B5",\n lArr: "\u21D0",\n uArr: "\u21D1",\n rArr: "\u21D2",\n dArr: "\u21D3",\n hArr: "\u21D4",\n forall: "\u2200",\n part: "\u2202",\n exist: "\u2203",\n empty: "\u2205",\n nabla: "\u2207",\n isin: "\u2208",\n notin: "\u2209",\n ni: "\u220B",\n prod: "\u220F",\n sum: "\u2211",\n minus: "\u2212",\n lowast: "\u2217",\n radic: "\u221A",\n prop: "\u221D",\n infin: "\u221E",\n ang: "\u2220",\n and: "\u2227",\n or: "\u2228",\n cap: "\u2229",\n cup: "\u222A",\n int: "\u222B",\n there4: "\u2234",\n sim: "\u223C",\n cong: "\u2245",\n asymp: "\u2248",\n ne: "\u2260",\n equiv: "\u2261",\n le: "\u2264",\n ge: "\u2265",\n sub: "\u2282",\n sup: "\u2283",\n nsub: "\u2284",\n sube: "\u2286",\n supe: "\u2287",\n oplus: "\u2295",\n otimes: "\u2297",\n perp: "\u22A5",\n sdot: "\u22C5",\n lceil: "\u2308",\n rceil: "\u2309",\n lfloor: "\u230A",\n rfloor: "\u230B",\n lang: "\u2329",\n rang: "\u232A",\n loz: "\u25CA",\n spades: "\u2660",\n clubs: "\u2663",\n hearts: "\u2665",\n diams: "\u2666"}\n};\n\nconst HEX_NUMBER = /^[da-fA-F]+\$/;\nconst DECIMAL_NUMBER = /^[d+\$/;\n\nconst JsxErrors = Object.freeze({\n AttributeIsEmpty: \"JSX attributes must only be assigned a non-empty expression\",\n MissingClosingTagFragment: \"Expected corresponding JSX closing tag for <>\",\n MissingClosingTagElement: \"Expected corresponding JSX closing tag for <%0>\",\n UnsupportedJsxValue: \"JSX value should be either an expression or a quoted JSX text\",\n UnterminatedJsxContent: \"Unterminated JSX contents\",\n UnwrappedAdjacentJSXElements: \"Adjacent JSX elements must be wrapped in an enclosing tag. Did you want a JSX fragment <>...</>?\",\n});\n\nntypes\$1.j_oTag = new TokContext(\"<tag\", false);\nntypes\$1.j_cTag = new TokContext(\"</tag\", false);\nntypes\$1.j_expr = new TokContext(\"<tag>...</tag>\", true, true);\nntypes.jsxName = new TokenType(\"jsxName\");\nntypes.jsxText = new TokenType(\"jsxText\", {\n beforeExpr: true\n});\nntypes.jsxTagStart = new TokenType(\"jsxTagStart\", {\n startsExpr: true\n});\nntypes.jsxTagEnd = new TokenType(\"jsxTagEnd\");\n\nntypes.jsxTagStart.updateContext = function () {\n this.state.context.push(types\$1.j_expr);\n this.state.context.push(types\$1.j_oTag);\n this.state.exprAllowed = false;\n};\n\nntypes.jsxTagEnd.updateContext = function (prevType) {\n const out = this.state.context.pop();\n if


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(out === types$1.j_oTag && prevType === types.slash || out === types$1.j_cTag) {\n  this.state.context.pop();\n
this.state.exprAllowed = this.curContext() === types$1.j_expr;\n } else {\n  this.state.exprAllowed = true;\n
}\n};\n\nfunction isFragment(object) {\n  return object ? object.type === \"JSXOpeningFragment\" || object.type
=== \"JSXClosingFragment\" : false;\n}\n\nfunction getQualifiedJSXName(object) {\n  if (object.type ===
\"JSXIdentifier\") {\n    return object.name;\n  }\n  if (object.type === \"JSXNamespacedName\") {\n    return
object.namespace.name + \":\" + object.name.name;\n  }\n  if (object.type === \"JSXMemberExpression\") {\n
return getQualifiedJSXName(object.object) + \".\" + getQualifiedJSXName(object.property);\n  }\n  throw new
Error(\"Node had unexpected type: \" + object.type);\n}\n\nvar jsx = (superClass => class extends superClass {\n
jsxReadToken() {\n  let out = \"\";\n  let chunkStart = this.state.pos;\n  for (;) {\n    if (this.state.pos >=
this.length) {\n      throw this.raise(this.state.start, JsxErrors.UnterminatedJsxContent);\n    }\n    const ch =
this.input.charCodeAt(this.state.pos);\n    switch (ch) {\n      case 60:\n      case 123:\n        if (this.state.pos
=== this.state.start) {\n          if (ch === 60 && this.state.exprAllowed) {\n            ++this.state.pos;\n
return this.finishToken(types.jsxTagStart);\n          }\n          return super.getTokenFromCode(ch);\n        }\n
out += this.input.slice(chunkStart, this.state.pos);\n        return this.finishToken(types.jsxText, out);\n      case
38:\n        out += this.input.slice(chunkStart, this.state.pos);\n        out += this.jsxReadEntity();\n
chunkStart = this.state.pos;\n        break;\n      default:\n        if (isNewLine(ch)) {\n          out +=
this.input.slice(chunkStart, this.state.pos);\n          out += this.jsxReadNewLine(true);\n          chunkStart =
this.state.pos;\n        } else {\n          ++this.state.pos;\n        }\n      }\n    }\n  }\n  jsxReadNewLine(normalizeCRLF) {\n    const ch = this.input.charCodeAt(this.state.pos);\n    let out;\n
++this.state.pos;\n    if (ch === 13 && this.input.charCodeAt(this.state.pos) === 10) {\n      ++this.state.pos;\n
out = normalizeCRLF ? \"\\n\" : \"\\r\\n\";\n    } else {\n      out = String.fromCharCode(ch);\n    }\n    ++this.state.curLine;\n    this.state.lineStart = this.state.pos;\n    return out;\n  }\n  jsxReadString(quote) {\n    let
out = \"\";\n    let chunkStart = ++this.state.pos;\n    for (;) {\n      if (this.state.pos >= this.length) {\n        throw
this.raise(this.state.start, ErrorMessages.UnterminatedString);\n      }\n      const ch =
this.input.charCodeAt(this.state.pos);\n      if (ch === quote) break;\n      if (ch === 38) {\n        out +=
this.input.slice(chunkStart, this.state.pos);\n        out += this.jsxReadEntity();\n        chunkStart = this.state.pos;\n
      } else if (isNewLine(ch)) {\n        out += this.input.slice(chunkStart, this.state.pos);\n        out +=
this.jsxReadNewLine(false);\n        chunkStart = this.state.pos;\n      } else {\n        ++this.state.pos;\n      }\n    }\n
out += this.input.slice(chunkStart, this.state.pos++);\n    return this.finishToken(types.string, out);\n  }\n  jsxReadEntity() {\n    let str = \"\";\n    let count = 0;\n    let entity;\n    let ch = this.input[this.state.pos];\n    const
startPos = ++this.state.pos;\n    while (this.state.pos < this.length && count++ < 10) {\n      ch =
this.input[this.state.pos++];\n      if (ch === \";\") {\n        if (str[0] === \"#\") {\n          if (str[1] === \"x\") {\n
str = str.substr(2);\n          if (HEX_NUMBER.test(str)) {\n            entity = String.fromCodePoint(parseInt(str,
16));\n          }\n        } else {\n          str = str.substr(1);\n          if (DECIMAL_NUMBER.test(str)) {\n
entity = String.fromCodePoint(parseInt(str, 10));\n          }\n        }\n      } else {\n        entity = entities[str];\n
      }\n      break;\n    }\n    str += ch;\n  }\n  if (!entity) {\n    this.state.pos = startPos;\n    return \"&\";\n  }\n  return entity;\n}\n  jsxReadWord() {\n    let ch;\n    const start = this.state.pos;\n    do {\n      ch =
this.input.charCodeAt(++this.state.pos);\n    } while (isIdentifierChar(ch) || ch === 45);\n    return
this.finishToken(types.jsxName, this.input.slice(start, this.state.pos));\n  }\n  jsxParseIdentifier() {\n    const node
= this.startNode();\n    if (this.match(types.jsxName)) {\n      node.name = this.state.value;\n    } else if
(this.state.type.keyword) {\n      node.name = this.state.type.keyword;\n    } else {\n      this.unexpected();\n    }\n    this.next();\n    return this.finishNode(node, \"JSXIdentifier\");\n  }\n  jsxParseNamespacedName() {\n    const
startPos = this.state.start;\n    const startLoc = this.state.startLoc;\n    const name = this.jsxParseIdentifier();\n    if
(!this.eat(types.colon)) return name;\n    const node = this.startNodeAt(startPos, startLoc);\n    node.namespace =
name;\n    node.name = this.jsxParseIdentifier();\n    return this.finishNode(node, \"JSXNamespacedName\");\n  }\n  jsxParseElementName() {\n    const startPos = this.state.start;\n    const startLoc = this.state.startLoc;\n    let
node = this.jsxParseNamespacedName();\n    if (node.type === \"JSXNamespacedName\") {\n      return node;\n    }\n    while (this.eat(types.dot)) {\n      const newNode = this.startNodeAt(startPos, startLoc);\n

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newNode.object = node;\n    newNode.property = this.jsxParseIdentifier();\n    node = this.finishNode(newNode,\n    \"JSXMemberExpression\");\n    }\n\n    return node;\n    }\n\n    jsxParseAttributeValue() {\n    let node;\n\n    switch\n    (this.state.type) {\n    case types.braceL:\n    node = this.startNode();\n    this.next();\n    node =\n    this.jsxParseExpressionContainer(node);\n\n    if (node.expression.type === \"JSXEmptyExpression\") {\n    this.raise(node.start, JsxErrors.AttributeIsEmpty);\n    }\n\n    return node;\n\n    case types.jsxTagStart:\n    case types.string:\n    return this.parseExprAtom();\n\n    default:\n    throw this.raise(this.state.start,\n    JsxErrors.UnsupportedJsxValue);\n    }\n    }\n\n    jsxParseEmptyExpression() {\n    const node =\n    this.startNodeAt(this.state.lastTokEnd, this.state.lastTokEndLoc);\n    return this.finishNodeAt(node,\n    \"JSXEmptyExpression\", this.state.start, this.state.startLoc);\n    }\n\n    jsxParseSpreadChild(node) {\n    this.next();\n    node.expression = this.parseExpression();\n    this.expect(types.braceR);\n    return this.finishNode(node,\n    \"JSXSpreadChild\");\n    }\n\n    jsxParseExpressionContainer(node) {\n    if (this.match(types.braceR)) {\n    node.expression = this.jsxParseEmptyExpression();\n    } else {\n    node.expression = this.parseExpression();\n    }\n\n    this.expect(types.braceR);\n    return this.finishNode(node, \"JSXExpressionContainer\");\n    }\n\n    jsxParseAttribute() {\n    const node = this.startNode();\n\n    if (this.eat(types.braceL)) {\n    this.expect(types.ellipsis);\n    node.argument = this.parseMaybeAssignAllowIn();\n    this.expect(types.braceR);\n    return this.finishNode(node, \"JSXSpreadAttribute\");\n    }\n\n    node.name =\n    this.jsxParseNamespacedName();\n    node.value = this.eat(types.eq) ? this.jsxParseAttributeValue() : null;\n    return this.finishNode(node, \"JSXAttribute\");\n    }\n\n    jsxParseOpeningElementAt(startPos, startLoc) {\n    const\n    node = this.startNodeAt(startPos, startLoc);\n\n    if (this.match(types.jsxTagEnd)) {\n    this.expect(types.jsxTagEnd);\n    return this.finishNode(node, \"JSXOpeningFragment\");\n    }\n\n    node.name =\n    this.jsxParseElementName();\n    return this.jsxParseOpeningElementAfterName(node);\n    }\n\n    jsxParseOpeningElementAfterName(node) {\n    const attributes = [];\n\n    while (!this.match(types.slash) &&\n    !this.match(types.jsxTagEnd)) {\n    attributes.push(this.jsxParseAttribute());\n    }\n\n    node.attributes =\n    attributes;\n    node.selfClosing = this.eat(types.slash);\n    this.expect(types.jsxTagEnd);\n    return\n    this.finishNode(node, \"JSXOpeningElement\");\n    }\n\n    jsxParseClosingElementAt(startPos, startLoc) {\n    const\n    node = this.startNodeAt(startPos, startLoc);\n\n    if (this.match(types.jsxTagEnd)) {\n    this.expect(types.jsxTagEnd);\n    return this.finishNode(node, \"JSXClosingFragment\");\n    }\n\n    node.name =\n    this.jsxParseElementName();\n    this.expect(types.jsxTagEnd);\n    return this.finishNode(node,\n    \"JSXClosingElement\");\n    }\n\n    jsxParseElementAt(startPos, startLoc) {\n    const node =\n    this.startNodeAt(startPos, startLoc);\n    const children = [];\n    const openingElement =\n    this.jsxParseOpeningElementAt(startPos, startLoc);\n    let closingElement = null;\n\n    if\n    (!openingElement.selfClosing) {\n    contents: for (;;) {\n    switch (this.state.type) {\n    case\n    types.jsxTagStart:\n    startPos = this.state.start;\n    startLoc = this.state.startLoc;\n    this.next();\n\n    if (this.eat(types.slash)) {\n    closingElement = this.jsxParseClosingElementAt(startPos, startLoc);\n    break contents;\n    }\n\n    children.push(this.jsxParseElementAt(startPos, startLoc));\n    break;\n\n    case types.jsxText:\n    children.push(this.parseExprAtom());\n    break;\n\n    case\n    types.braceL:\n    {\n    const node = this.startNode();\n    this.next();\n\n    if\n    (this.match(types.ellipsis)) {\n    children.push(this.jsxParseSpreadChild(node));\n    } else {\n    children.push(this.jsxParseExpressionContainer(node));\n    }\n\n    break;\n    }\n\n    default:\n    throw this.unexpected();\n    }\n    }\n\n    if (isFragment(openingElement) &&\n    !isFragment(closingElement)) {\n    this.raise(closingElement.start, JsxErrors.MissingClosingTagFragment);\n    } else if (!isFragment(openingElement) && isFragment(closingElement)) {\n    this.raise(closingElement.start,\n    JsxErrors.MissingClosingTagElement, getQualifiedJSXName(openingElement.name));\n    } else if\n    (!isFragment(openingElement) && !isFragment(closingElement)) {\n    if\n    (getQualifiedJSXName(closingElement.name) !== getQualifiedJSXName(openingElement.name)) {\n    this.raise(closingElement.start, JsxErrors.MissingClosingTagElement,\n    getQualifiedJSXName(openingElement.name));\n    }\n    }\n\n    if (isFragment(openingElement)) {\n    node.openingFragment = openingElement;\n    node.closingFragment = closingElement;\n    } else {\n

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node.openingElement = openingElement;\n    node.closingElement = closingElement;\n  }\n\n  node.children =
children;\n\n  if (this.isRelational("<")) {\n    throw this.raise(this.state.start,
JsxErrors.UnwrappedAdjacentJSXElements);\n  }\n\n  return isFragment(openingElement) ?
this.finishNode(node, "JSXFragment") : this.finishNode(node, "JSXElement");\n }\n\n jsxParseElement() {\n
const startPos = this.state.start;\n  const startLoc = this.state.startLoc;\n  this.next();\n  return
this.jsxParseElementAt(startPos, startLoc);\n }\n\n parseExprAtom(refExpressionErrors) {\n  if
(this.match(types.jsxText)) {\n    return this.parseLiteral(this.state.value, "JSXText");\n  } else if
(this.match(types.jsxTagStart)) {\n    return this.jsxParseElement();\n  } else if (this.isRelational("<") &&
this.input.charCodeAt(this.state.pos) !== 33) {\n    this.finishToken(types.jsxTagStart);\n    return
this.jsxParseElement();\n  } else {\n    return super.parseExprAtom(refExpressionErrors);\n  }\n }\n\n
getTokenFromCode(code) {\n  if (this.state.inPropertyName) return super.getTokenFromCode(code);\n  const
context = this.curContext();\n\n  if (context === types.$1.j_expr) {\n    return this.jsxReadToken();\n  }\n\n  if
(context === types.$1.j_oTag || context === types.$1.j_cTag) {\n    if (isIdentifierStart(code)) {\n    return
this.jsxReadWord();\n  }\n\n  if (code === 62) {\n    ++this.state.pos;\n    return
this.finishToken(types.jsxTagEnd);\n  }\n\n  if ((code === 34 || code === 39) && context === types.$1.j_oTag)
{\n    return this.jsxReadString(code);\n  }\n\n  if (code === 60 && this.state.exprAllowed &&
this.input.charCodeAt(this.state.pos + 1) !== 33) {\n    ++this.state.pos;\n    return
this.finishToken(types.jsxTagStart);\n  }\n\n  return super.getTokenFromCode(code);\n }\n\n
updateContext(prevType) {\n  if (this.match(types.braceL)) {\n    const curContext = this.curContext();\n\n    if
(curContext === types.$1.j_oTag) {\n      this.state.context.push(types.$1.braceExpression);\n    } else if
(curContext === types.$1.j_expr) {\n      this.state.context.push(types.$1.templateQuasi);\n    } else {\n
super.updateContext(prevType);\n  }\n\n  this.state.exprAllowed = true;\n  } else if (this.match(types.slash)
&& prevType === types.jsxTagStart) {\n    this.state.context.length -= 2;\n
this.state.context.push(types.$1.j_cTag);\n    this.state.exprAllowed = false;\n  } else {\n    return
super.updateContext(prevType);\n  }\n }\n\n}}\n\nclass Scope {\n  constructor(flags) {\n    this.flags = void 0;\n
this.var = [];\n    this.lexical = [];\n    this.functions = [];\n    this.flags = flags;\n  }\n\n}\n\nclass ScopeHandler {\n
constructor(raise, inModule) {\n    this.scopeStack = [];\n    this.undefinedExports = new Map();\n
this.undefinedPrivateNames = new Map();\n    this.raise = raise;\n    this.inModule = inModule;\n  }\n\n  get
inFunction() {\n    return (this.currentVarScope().flags & SCOPE_FUNCTION) > 0;\n  }\n\n  get allowSuper() {\n
return (this.currentThisScope().flags & SCOPE_SUPER) > 0;\n  }\n\n  get allowDirectSuper() {\n    return
(this.currentThisScope().flags & SCOPE_DIRECT_SUPER) > 0;\n  }\n\n  get inClass() {\n    return
(this.currentThisScope().flags & SCOPE_CLASS) > 0;\n  }\n\n  get inNonArrowFunction() {\n    return
(this.currentThisScope().flags & SCOPE_FUNCTION) > 0;\n  }\n\n  get treatFunctionsAsVar() {\n    return
this.treatFunctionsAsVarInScope(this.currentScope());\n  }\n\n  createScope(flags) {\n    return new Scope(flags);\n
}\n\n  enter(flags) {\n    this.scopeStack.push(this.createScope(flags));\n  }\n\n  exit() {\n    this.scopeStack.pop();\n
}\n\n  treatFunctionsAsVarInScope(scope) {\n    return !(scope.flags & SCOPE_FUNCTION || !this.inModule &&
scope.flags & SCOPE_PROGRAM);\n  }\n\n  declareName(name, bindingType, pos) {\n    let scope =
this.currentScope();\n\n    if (bindingType & BIND_SCOPE_LEXICAL || bindingType &
BIND_SCOPE_FUNCTION) {\n      this.checkRedeclarationInScope(scope, name, bindingType, pos);\n\n      if
(bindingType & BIND_SCOPE_FUNCTION) {\n        scope.functions.push(name);\n      } else {\n
scope.lexical.push(name);\n      }\n\n      if (bindingType & BIND_SCOPE_LEXICAL) {\n
this.maybeExportDefined(scope, name);\n      }\n    } else if (bindingType & BIND_SCOPE_VAR) {\n      for (let i
= this.scopeStack.length - 1; i >= 0; --i) {\n        scope = this.scopeStack[i];\n
this.checkRedeclarationInScope(scope, name, bindingType, pos);\n        scope.var.push(name);\n
this.maybeExportDefined(scope, name);\n        if (scope.flags & SCOPE_VAR) break;\n      }\n    }\n\n    if
(this.inModule && scope.flags & SCOPE_PROGRAM) {\n      this.undefinedExports.delete(name);\n    }\n  }\n\n
maybeExportDefined(scope, name) {\n    if (this.inModule && scope.flags & SCOPE_PROGRAM) {\n
this.undefinedExports.delete(name);\n    }\n  }\n\n  checkRedeclarationInScope(scope, name, bindingType, pos) {\n

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if (this.isRedeclaredInScope(scope, name, bindingType)) {\n  this.raise(pos, ErrorMessages.VarRedeclaration,
name);\n }
\n\n isRedeclaredInScope(scope, name, bindingType) {\n  if (!(bindingType &
BIND_KIND_VALUE)) return false;\n\n  if (bindingType & BIND_SCOPE_LEXICAL) {\n    return
scope.lexical.indexOf(name) > -1 || scope.functions.indexOf(name) > -1 || scope.var.indexOf(name) > -1;\n  }\n\n
if (bindingType & BIND_SCOPE_FUNCTION) {\n    return scope.lexical.indexOf(name) > -1 ||
!this.treatFunctionsAsVarInScope(scope) && scope.var.indexOf(name) > -1;\n  }\n\n  return
scope.lexical.indexOf(name) > -1 && !(scope.flags & SCOPE_SIMPLE_CATCH && scope.lexical[0] === name) ||
!this.treatFunctionsAsVarInScope(scope) && scope.functions.indexOf(name) > -1;\n }\n\n checkLocalExport(id)
{\n  if (this.scopeStack[0].lexical.indexOf(id.name) === -1 && this.scopeStack[0].var.indexOf(id.name) === -1
&& this.scopeStack[0].functions.indexOf(id.name) === -1) {\n    this.undefinedExports.set(id.name, id.start);\n
}\n }\n\n currentScope() {\n  return this.scopeStack[this.scopeStack.length - 1];\n }\n\n currentVarScope() {\n
for (let i = this.scopeStack.length - 1; i--> 0) {\n    const scope = this.scopeStack[i];\n\n    if (scope.flags &
SCOPE_VAR) {\n      return scope;\n    }\n  }\n\n  return this.scopeStack[0];\n }\n\n currentThisScope() {\n  for (let i =
this.scopeStack.length - 1; i--> 0) {\n    const scope = this.scopeStack[i];\n\n    if ((scope.flags & SCOPE_VAR ||
scope.flags & SCOPE_CLASS) && !(scope.flags & SCOPE_ARROW)) {\n      return scope;\n    }\n  }\n }\n\n
}\n\n\n\nclass TypeScriptScope extends Scope {\n  constructor(...args) {\n    super(...args);\n    this.types = [];\n
this.enums = [];\n    this.constEnums = [];\n    this.classes = [];\n    this.exportOnlyBindings = [];\n  }\n\n
}\n\n\nclass TypeScriptScopeHandler extends ScopeHandler {\n  createScope(flags) {\n    return new TypeScriptScope(flags);\n
}\n\n  declareName(name, bindingType, pos) {\n    const scope = this.currentScope();\n\n    if (bindingType &
BIND_FLAGS_TS_EXPORT_ONLY) {\n      this.maybeExportDefined(scope, name);\n\n      scope.exportOnlyBindings.push(name);\n
      return;\n    }\n\n    super.declareName(...arguments);\n\n    if
(bindingType & BIND_KIND_TYPE) {\n      if (!(bindingType & BIND_KIND_VALUE)) {\n        this.checkRedeclarationInScope(scope, name, bindingType, pos);\n
        this.maybeExportDefined(scope, name);\n      }\n\n      scope.types.push(name);\n    }\n\n    if (bindingType & BIND_FLAGS_TS_ENUM)
scope.enums.push(name);\n\n    if (bindingType & BIND_FLAGS_TS_CONST_ENUM)
scope.constEnums.push(name);\n\n    if (bindingType & BIND_FLAGS_CLASS) scope.classes.push(name);\n  }\n\n
isRedeclaredInScope(scope, name, bindingType) {\n    if (scope.enums.indexOf(name) > -1) {\n      if (bindingType
& BIND_FLAGS_TS_ENUM) {\n        const isConst = !(bindingType & BIND_FLAGS_TS_CONST_ENUM);\n\n        const wasConst =
scope.constEnums.indexOf(name) > -1;\n        return isConst !== wasConst;\n      }\n\n      return true;\n    }\n\n
if (bindingType & BIND_FLAGS_CLASS && scope.classes.indexOf(name) > -1) {\n      if
(scope.lexical.indexOf(name) > -1) {\n        return !(bindingType & BIND_KIND_VALUE);\n      } else {\n        return
false;\n      }\n    }\n\n    if (bindingType & BIND_KIND_TYPE && scope.types.indexOf(name) > -1) {\n      return
true;\n    }\n\n    return super.isRedeclaredInScope(...arguments);\n  }\n\n  checkLocalExport(id) {\n    if
(this.scopeStack[0].types.indexOf(id.name) === -1 && this.scopeStack[0].exportOnlyBindings.indexOf(id.name)
=== -1) {\n      super.checkLocalExport(id);\n    }\n  }\n\n}\n\n\nconst PARAM = 0b0000,\n  PARAM_YIELD =
0b0001,\n  PARAM_AWAIT = 0b0010,\n  PARAM_RETURN = 0b0100,\n  PARAM_IN = 0b1000;\n\nclass
ProductionParameterHandler {\n  constructor() {\n    this.stacks = [];\n  }\n\n  enter(flags) {\n
this.stacks.push(flags);\n }\n\n  exit() {\n    this.stacks.pop();\n }\n\n  currentFlags() {\n    return
this.stacks[this.stacks.length - 1];\n }\n\n  get hasAwait() {\n    return (this.currentFlags() & PARAM_AWAIT) >
0;\n }\n\n  get hasYield() {\n    return (this.currentFlags() & PARAM_YIELD) > 0;\n }\n\n  get hasReturn() {\n
return (this.currentFlags() & PARAM_RETURN) > 0;\n }\n\n  get hasIn() {\n    return (this.currentFlags() &
PARAM_IN) > 0;\n }\n\n}\n\n\nfunction functionFlags(isAsync, isGenerator) {\n  return (isAsync ? PARAM_AWAIT : 0) |
(isGenerator ? PARAM_YIELD : 0);\n}\n\n\nfunction nonNull(x) {\n  if (x == null) {\n    throw new
Error(`Unexpected ${x} value.`);\n  }\n  return x;\n}\n\nfunction assert(x) {\n  if (!x) {\n    throw new
Error(`Assert fail`);\n  }\n}\n\n\nconst TSErrors = Object.freeze({\n  ClassMethodHasDeclare: `Class methods
cannot have the 'declare' modifier`,\n  ClassMethodHasReadOnly: `Class methods cannot have the 'readonly'
modifier`,\n  ConstructorHasTypeParameters: `Type parameters cannot appear on a constructor declaration`,\n  DeclareClassFieldHasInitializer: `Initializers are not allowed in ambient contexts`,\n});

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DeclareFunctionHasImplementation: \"An implementation cannot be declared in ambient contexts.\",\n
 DuplicateModifier: \"Duplicate modifier: '%0'\",\n
 EmptyHeritageClauseType: \"'%0' list cannot be empty.\",\n
 EmptyTypeArguments: \"Type argument list cannot be empty.\",\n
 EmptyTypeParameters: \"Type parameter list cannot be empty.\",\n
 IndexSignatureHasAbstract: \"Index signatures cannot have the 'abstract' modifier\",\n
 IndexSignatureHasAccessibility: \"Index signatures cannot have an accessibility modifier ('%0')\",\n
 IndexSignatureHasStatic: \"Index signatures cannot have the 'static' modifier\",\n
 IndexSignatureHasDeclare: \"Index signatures cannot have the 'declare' modifier\",\n
 InvalidTupleMemberLabel: \"Tuple members must be labeled with a simple identifier.\",\n
 MixedLabeledAndUnlabeledElements: \"Tuple members must all have names or all not have names.\",\n
 OptionalTypeBeforeRequired: \"A required element cannot follow an optional element.\",\n
 PatternIsOptional: \"A binding pattern parameter cannot be optional in an implementation signature.\",\n
 PrivateElementHasAbstract: \"Private elements cannot have the 'abstract' modifier.\",\n
 PrivateElementHasAccessibility: \"Private elements cannot have an accessibility modifier ('%0')\",\n
 TypeAnnotationAfterAssign: \"Type annotations must come before default assignments, e.g. instead of `age = 25: number` use `age: number = 25`\",\n
 UnexpectedParameterModifier: \"A parameter property is only allowed in a constructor implementation.\",\n
 UnexpectedReadOnly: \"'readonly' type modifier is only permitted on array and tuple literal types.\",\n
 UnexpectedTypeAnnotation: \"Did not expect a type annotation here.\",\n
 UnexpectedTypeCastInParameter: \"Unexpected type cast in parameter position.\",\n
 UnsupportedImportTypeArgument: \"Argument in a type import must be a string literal\",\n
 UnsupportedParameterPropertyKind: \"A parameter property may not be declared using a binding pattern.\",\n
 UnsupportedSignatureParameterKind: \"Name in a signature must be an Identifier, ObjectPattern or ArrayPattern, instead got %0\",\n
 function keywordTypeFromName(value) {\n
 switch (value) {\n
 case \"any\":\n
 return \"TSAnyKeyword\";\n
 case \"boolean\":\n
 return \"TSBooleanKeyword\";\n
 case \"bigint\":\n
 return \"TSBigIntKeyword\";\n
 case \"never\":\n
 return \"TSNeverKeyword\";\n
 case \"number\":\n
 return \"TSNumberKeyword\";\n
 case \"object\":\n
 return \"TSObjectKeyword\";\n
 case \"string\":\n
 return \"TSStringKeyword\";\n
 case \"symbol\":\n
 return \"TSSymbolKeyword\";\n
 case \"undefined\":\n
 return \"TSUndefinedKeyword\";\n
 case \"unknown\":\n
 return \"TSUnknownKeyword\";\n
 default:\n
 return undefined;\n
 }\n
 }\n
 nvar typescript = (superClass => class extends superClass {\n
 getScopeHandler() {\n
 return TypeScriptScopeHandler;\n
 }\n
 tsIsIdentifier() {\n
 return this.match(types.name);\n
 }\n
 tsNextTokenCanFollowModifier() {\n
 this.next();\n
 return !this.hasPrecedingLineBreak() && !this.match(types.parenL) && !this.match(types.parenR) && !this.match(types.colon) && !this.match(types.eq) && !this.match(types.question) && !this.match(types.bang);\n
 }\n
 tsParseModifier(allowedModifiers) {\n
 if (!this.match(types.name)) {\n
 return undefined;\n
 }\n
 const modifier = this.state.value;\n
 if (allowedModifiers.indexOf(modifier) !== -1 && this.tsTryParse(this.tsNextTokenCanFollowModifier.bind(this))) {\n
 return modifier;\n
 }\n
 return undefined;\n
 }\n
 tsParseModifiers(modified, allowedModifiers) {\n
 for (;) {\n
 const startPos = this.state.start;\n
 const modifier = this.tsParseModifier(allowedModifiers);\n
 if (!modifier) break;\n
 if (Object.hasOwnProperty.call(modified, modifier)) {\n
 this.raise(startPos, TSErrors.DuplicateModifier, modifier);\n
 }\n
 modified[modifier] = true;\n
 }\n
 }\n
 tsIsListTerminator(kind) {\n
 switch (kind) {\n
 case \"EnumMembers\":\n
 case \"TypeMembers\":\n
 return this.match(types.braceR);\n
 case \"HeritageClauseElement\":\n
 return this.match(types.braceL);\n
 case \"TupleElementTypes\":\n
 return this.match(types.bracketR);\n
 case \"TypeParametersOrArguments\":\n
 return this.isRelational(>);\n
 }\n
 throw new Error(\"Unreachable\");\n
 }\n
 tsParseList(kind, parseElement) {\n
 const result = [];\n
 while (!this.tsIsListTerminator(kind)) {\n
 result.push(parseElement());\n
 }\n
 return result;\n
 }\n
 tsParseDelimitedList(kind, parseElement) {\n
 return nonNull(this.tsParseDelimitedListWorker(kind, parseElement, true));\n
 }\n
 tsParseDelimitedListWorker(kind, parseElement, expectSuccess) {\n
 const result = [];\n
 for (;) {\n
 if (this.tsIsListTerminator(kind)) {\n
 break;\n
 }\n
 const element = parseElement();\n
 if (element == null) {\n
 return undefined;\n
 }\n
 result.push(element);\n
 if (this.eat(types.comma)) {\n
 continue;\n
 }\n
 if (this.tsIsListTerminator(kind)) {\n
 break;\n
 }\n
 }\n
 }\n
 }

```

if (expectSuccess) {\n    this.expect(types.comma);\n    }\n\n    return undefined;\n    }\n\n    return result;\n}\n\n tsParseBracketedList(kind, parseElement, bracket, skipFirstToken) {\n    if (!skipFirstToken) {\n        if (bracket) {\n            this.expect(types.bracketL);\n        } else {\n            this.expectRelational("<");\n        }\n    }\n\n    const result = this.tsParseDelimitedList(kind, parseElement);\n\n    if (bracket) {\n        this.expect(types.bracketR);\n    } else {\n        this.expectRelational(">");\n    }\n\n    return result;\n}\n\n tsParseImportType() {\n    const node = this.startNode();\n    this.expect(types._import);\n    this.expect(types.parenL);\n\n    if (!this.match(types.string)) {\n        this.raise(this.state.start, TSErrors.UnsupportedImportTypeArgument);\n    }\n\n    node.argument = this.parseExprAtom();\n    this.expect(types.parenR);\n\n    if (this.eat(types.dot)) {\n        node.qualifier = this.tsParseEntityName(true);\n    }\n\n    if (this.isRelational("<")) {\n        node.typeParameters = this.tsParseTypeArguments();\n    }\n\n    return this.finishNode(node, "TSImportType");\n}\n\n tsParseEntityName(allowReservedWords) {\n    let entity = this.parseIdentifier();\n\n    while (this.eat(types.dot)) {\n        const node = this.startNodeAtNode(entity);\n        node.left = entity;\n        node.right = this.parseIdentifier(allowReservedWords);\n        entity = this.finishNode(node, "TSQualifiedName");\n    }\n\n    return entity;\n}\n\n tsParseTypeReference() {\n    const node = this.startNode();\n    node.typeName = this.tsParseEntityName(false);\n\n    if (!this.hasPrecedingLineBreak() && this.isRelational("<")) {\n        node.typeParameters = this.tsParseTypeArguments();\n    }\n\n    return this.finishNode(node, "TSTypeReference");\n}\n\n tsParseThisTypePredicate(lhs) {\n    this.next();\n    const node = this.startNodeAtNode(lhs);\n    node.parameterName = lhs;\n    node.typeAnnotation = this.tsParseTypeAnnotation(false);\n\n    return this.finishNode(node, "TSTypePredicate");\n}\n\n tsParseThisTypeNode() {\n    const node = this.startNode();\n    this.next();\n    return this.finishNode(node, "TSThisType");\n}\n\n tsParseTypeQuery() {\n    const node = this.startNode();\n\n    this.expect(types._typeof);\n\n    if (this.match(types._import)) {\n        node.exprName = this.tsParseImportType();\n    } else {\n        node.exprName = this.tsParseEntityName(true);\n    }\n\n    return this.finishNode(node, "TSTypeQuery");\n}\n\n tsParseTypeParameter() {\n    const node = this.startNode();\n    node.name = this.parseIdentifierName(node.start);\n    node.constraint = this.tsEatThenParseType(types._extends);\n    node.default = this.tsEatThenParseType(types.eq);\n\n    return this.finishNode(node, "TSTypeParameter");\n}\n\n tsTryParseTypeParameters() {\n    if (this.isRelational("<")) {\n        return this.tsParseTypeParameters();\n    }\n}\n\n tsParseTypeParameters() {\n    const node = this.startNode();\n\n    if (this.isRelational("<")) || this.match(types.jsxTagStart) {\n        this.next();\n    } else {\n        this.unexpected();\n    }\n\n    node.params = this.tsParseBracketedList("TypeParametersOrArguments", this.tsParseTypeParameter.bind(this), false, true);\n\n    if (node.params.length === 0) {\n        this.raise(node.start, TSErrors.EmptyTypeParameters);\n    }\n\n    return this.finishNode(node, "TSTypeParameterDeclaration");\n}\n\n tsTryNextParseConstantContext() {\n    if (this.lookahead().type === types._const) {\n        this.next();\n        return this.tsParseTypeReference();\n    }\n\n    return null;\n}\n\n tsFillSignature(returnToken, signature) {\n    const returnTokenRequired = returnToken === types.arrow;\n    signature.typeParameters = this.tsTryParseTypeParameters();\n    this.expect(types.parenL);\n    signature.parameters = this.tsParseBindingListForSignature();\n\n    if (returnTokenRequired) {\n        signature.typeAnnotation = this.tsParseTypeOrTypePredicateAnnotation(returnToken);\n    } else if (this.match(returnToken)) {\n        signature.typeAnnotation = this.tsParseTypeOrTypePredicateAnnotation(returnToken);\n    }\n}\n\n tsParseBindingListForSignature() {\n    return this.parseBindingList(types.parenR, 41).map(pattern => {\n        if (pattern.type !== "Identifier" && pattern.type !== "RestElement" && pattern.type !== "ObjectPattern" && pattern.type !== "ArrayPattern") {\n            this.raise(pattern.start, TSErrors.UnsupportedSignatureParameterKind, pattern.type);\n        }\n\n        return pattern;\n    });\n}\n\n tsParseTypeMemberSemicolon() {\n    if (!this.eat(types.comma)) {\n        this.semicolon();\n    }\n}\n\n tsParseSignatureMember(kind, node) {\n    this.tsFillSignature(types.colon, node);\n\n    this.tsParseTypeMemberSemicolon();\n    return this.finishNode(node, kind);\n}\n\n tsIsUnambiguouslyIndexSignature() {\n    this.next();\n    return this.eat(types.name) && this.match(types.colon);\n}\n\n tsTryParseIndexSignature(node) {\n    if (!this.match(types.bracketL) && this.tsLookAhead(this.tsIsUnambiguouslyIndexSignature.bind(this))) {\n        return undefined;\n    }\n}

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this.expect(types.bracketL);\n  const id = this.parseIdentifier();\n  id.typeAnnotation =
this.tsParseTypeAnnotation();\n  this.resetEndLocation(id);\n  this.expect(types.bracketR);\n  node.parameters =
[id];\n  const type = this.tsTryParseTypeAnnotation();\n  if (type) node.typeAnnotation = type;\n  this.tsParseTypeMemberSemicolon();\n  return this.finishNode(node, \"TSIndexSignature\");\n}\n\n  tsParsePropertyOrMethodSignature(node, readonly) {\n  if (this.eat(types.question)) node.optional = true;\n  const
nodeAny = node;\n  if (!readonly && (this.match(types.parenL) || this.isRelational("<"))) {\n  const method =
nodeAny;\n  this.tsFillSignature(types.colon, method);\n  this.tsParseTypeMemberSemicolon();\n  return
this.finishNode(method, \"TSMMethodSignature\");\n  } else {\n  const property = nodeAny;\n  if (readonly)
property.readonly = true;\n  const type = this.tsTryParseTypeAnnotation();\n  if (type) property.typeAnnotation
= type;\n  this.tsParseTypeMemberSemicolon();\n  return this.finishNode(property, \"TSPropertySignature\");\n  }\n}\n\n  tsParseTypeMember() {\n  const node = this.startNode();\n  if (this.match(types.parenL) ||
this.isRelational("<")) {\n  return this.tsParseSignatureMember(\"TSCallSignatureDeclaration\", node);\n  }\n  if (this.match(types._new)) {\n  const id = this.startNode();\n  this.next();\n  if (this.match(types.parenL) ||
this.isRelational("<")) {\n  return this.tsParseSignatureMember(\"TSConstructSignatureDeclaration\", node);\n  }
  } else {\n  node.key = this.createIdentifier(id, \"new\");\n  return
this.tsParsePropertyOrMethodSignature(node, false);\n  }\n}\n\n  const readonly =
!!this.tsParseModifier([\"readonly\"]);\n  const idx = this.tsTryParseIndexSignature(node);\n  if (idx) {\n  if
(readonly) node.readonly = true;\n  return idx;\n  }\n  this.parsePropertyName(node, false);\n  return
this.tsParsePropertyOrMethodSignature(node, readonly);\n}\n\n  tsParseTypeLiteral() {\n  const node =
this.startNode();\n  node.members = this.tsParseObjectTypeMembers();\n  return this.finishNode(node,
\"TSTypeLiteral\");\n}\n\n  tsParseObjectTypeMembers() {\n  this.expect(types.braceL);\n  const members =
this.tsParseList(\"TypeMembers\", this.tsParseTypeMember.bind(this));\n  this.expect(types.braceR);\n  return
members;\n}\n\n  tsIsStartOfMappedType() {\n  this.next();\n  if (this.eat(types.plusMin)) {\n  return
this.isContextual(\"readonly\");\n  }\n  if (this.isContextual(\"readonly\")) {\n  this.next();\n  }\n  if
(!this.match(types.bracketL)) {\n  return false;\n  }\n  this.next();\n  if (!this.tsIsIdentifier()) {\n  return
false;\n  }\n  this.next();\n  return this.match(types._in);\n}\n\n  tsParseMappedTypeParameter() {\n  const
node = this.startNode();\n  node.name = this.parseIdentifierName(node.start);\n  node.constraint =
this.tsExpectThenParseType(types._in);\n  return this.finishNode(node, \"TSTypeParameter\");\n}\n\n  tsParseMappedType() {\n  const node = this.startNode();\n  this.expect(types.braceL);\n  if
(this.match(types.plusMin)) {\n  node.readonly = this.state.value;\n  this.next();\n  this.expectContextual(\"readonly\");\n  } else if (this.eatContextual(\"readonly\")) {\n  node.readonly = true;\n  }\n  this.expect(types.bracketL);\n  node.typeParameter = this.tsParseMappedTypeParameter();\n  node.nameType = this.eatContextual(\"as\") ? this.tsParseType() : null;\n  this.expect(types.bracketR);\n  if
(this.match(types.plusMin)) {\n  node.optional = this.state.value;\n  this.next();\n  this.expect(types.question);\n  } else if (this.eat(types.question)) {\n  node.optional = true;\n  }\n  node.typeAnnotation = this.tsTryParseType();\n  this.semicolon();\n  this.expect(types.braceR);\n  return
this.finishNode(node, \"TSMappedType\");\n}\n\n  tsParseTupleType() {\n  const node = this.startNode();\n  node.elementTypes = this.tsParseBracketedList(\"TupleElementTypes\", this.tsParseTupleElementType.bind(this),
true, false);\n  let seenOptionalElement = false;\n  let labeledElements = null;\n  node.elementTypes.forEach(elementNode => {\n  var _labeledElements;\n  let {\n  type\n  } =
elementNode;\n  if (seenOptionalElement && type !== \"TSRestType\" && type !== \"TSOptionalType\" &&
!(type === \"TSNamedTupleMember\" && elementNode.optional)) {\n  this.raise(elementNode.start,
TSErrors.OptionalTypeBeforeRequired);\n  }\n  seenOptionalElement = seenOptionalElement || type ===
\"TSNamedTupleMember\" && elementNode.optional || type === \"TSOptionalType\";\n  if (type ===
\"TSRestType\") {\n  elementNode = elementNode.typeAnnotation;\n  type = elementNode.type;\n  }\n  const isLabeled = type === \"TSNamedTupleMember\";\n  labeledElements = (_labeledElements =
labeledElements) != null ? _labeledElements : isLabeled;\n  if (labeledElements !== isLabeled) {\n  this.raise(elementNode.start, TSErrors.MixedLabeledAndUnlabeledElements);\n  }\n  });\n  return

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this.finishNode(node, \"TSTupleType\");\n }\n\n tsParseTupleElementType() {\n  const {\n    start: startPos,\n    startLoc\n  } = this.state;\n  const rest = this.eat(types.ellipsis);\n  let type = this.tsParseType();\n  const\n  optional = this.eat(types.question);\n  const labeled = this.eat(types.colon);\n\n  if (labeled) {\n    const\n    labeledNode = this.startNodeAtNode(type);\n    labeledNode.optional = optional;\n\n    if (type.type ===\n    \"TSReference\" && !type.typeParameters && type.typeName.type === \"Identifier\") {\n      labeledNode.label = type.typeName;\n    } else {\n      this.raise(type.start,\n      TSErrors.InvalidTupleMemberLabel);\n      labeledNode.label = type;\n    }\n\n    labeledNode.elementType =\n    this.tsParseType();\n    type = this.finishNode(labeledNode, \"TSNamedTupleMember\");\n  } else if (optional)\n  {\n    const optionalTypeNode = this.startNodeAtNode(type);\n    optionalTypeNode.typeAnnotation = type;\n    type = this.finishNode(optionalTypeNode, \"TSOptionalType\");\n  }\n\n  if (rest) {\n    const restNode =\n    this.startNodeAt(startPos, startLoc);\n    restNode.typeAnnotation = type;\n    type = this.finishNode(restNode,\n    \"TSRestType\");\n  }\n\n  return type;\n }\n\n tsParseParenthesizedType() {\n  const node = this.startNode();\n  this.expect(types.parenL);\n  node.typeAnnotation = this.tsParseType();\n  this.expect(types.parenR);\n  return\n  this.finishNode(node, \"TSParenthesizedType\");\n }\n\n tsParseFunctionOrConstructorType(type) {\n  const\n  node = this.startNode();\n\n  if (type === \"TSConstructorType\") {\n    this.expect(types._new);\n  }\n\n  this.tsFillSignature(types.arrow, node);\n  return this.finishNode(node, type);\n }\n\n tsParseLiteralTypeNode()\n  {\n    const node = this.startNode();\n\n    node.literal = (() => {\n      switch (this.state.type) {\n        case\n        types.num:\n          case types.bigint:\n          case types.string:\n          case types._true:\n          case types._false:\n            return this.parseExprAtom();\n\n          default:\n            throw this.unexpected();\n      }\n    })();\n\n    return\n    this.finishNode(node, \"TSLiteralType\");\n  }\n\n  tsParseTemplateLiteralType() {\n    const node =\n    this.startNode();\n    node.literal = this.parseTemplate(false);\n    return this.finishNode(node, \"TSLiteralType\");\n  }\n\n  parseTemplateSubstitution() {\n    if (this.state.inType) return this.tsParseType();\n    return\n    super.parseTemplateSubstitution();\n  }\n\n  tsParseThisTypeOrThisTypePredicate() {\n    const thisKeyword =\n    this.tsParseThisTypeNode();\n\n    if (this.isContextual(\"is\") && !this.hasPrecedingLineBreak()) {\n      return\n      this.tsParseThisTypePredicate(thisKeyword);\n    } else {\n      return thisKeyword;\n    }\n  }\n\n  tsParseNonArrayType() {\n    switch (this.state.type) {\n      case types.name:\n        case types._void:\n        case\n        types._null:\n          {\n            const type = this.match(types._void) ? \"TSVoidKeyword\" : this.match(types._null) ?\n            \"TSNullKeyword\" : keywordTypeFromName(this.state.value);\n\n            if (type !== undefined &&\n            this.lookaheadCharCode() !== 46) {\n              const node = this.startNode();\n              this.next();\n              return\n              this.finishNode(node, type);\n            }\n\n            return this.tsParseTypeReference();\n          }\n        case\n        types.string:\n          case types.num:\n          case types.bigint:\n          case types._true:\n          case types._false:\n            return\n            this.tsParseLiteralTypeNode();\n\n          case types.plusMin:\n            if (this.state.value === \"-\") {\n              const node =\n              this.startNode();\n              const nextToken = this.lookahead();\n\n              if (nextToken.type !== types.num &&\n              nextToken.type !== types.bigint) {\n                throw this.unexpected();\n              }\n\n              node.literal =\n              this.parseMaybeUnary();\n              return this.finishNode(node, \"TSLiteralType\");\n            }\n\n            break;\n\n          case types._this:\n            return this.tsParseThisTypeOrThisTypePredicate();\n\n          case types._typeof:\n            return\n            this.tsParseTypeQuery();\n\n          case types._import:\n            return this.tsParseImportType();\n\n          case\n          types.braceL:\n            return this.tsLookAhead(this.tsIsStartOfMappedType.bind(this)) ? this.tsParseMappedType() :\n            this.tsParseTypeLiteral();\n\n          case types.bracketL:\n            return this.tsParseTupleType();\n\n          case\n          types.parenL:\n            return this.tsParseParenthesizedType();\n\n          case types.backQuote:\n            return\n            this.tsParseTemplateLiteralType();\n        }\n\n        throw this.unexpected();\n      }\n\n      tsParseArrayTypeOrHigher() {\n        let type = this.tsParseNonArrayType();\n        while (!this.hasPrecedingLineBreak() && this.eat(types.bracketL)) {\n          if (this.match(types.bracketR)) {\n            const node = this.startNodeAtNode(type);\n            node.elementType =\n            type;\n            this.expect(types.bracketR);\n            type = this.finishNode(node, \"TSArrayType\");\n          } else {\n            const node = this.startNodeAtNode(type);\n            node.objectType = type;\n            node.indexType =\n            this.tsParseType();\n            this.expect(types.bracketR);\n            type = this.finishNode(node,\n            \"TSIndexedAccessType\");\n          }\n        }\n\n        return type;\n      }\n\n      tsParseTypeOperator(operator) {\n        const node\n        = this.startNode();\n        this.expectContextual(operator);\n        node.operator = operator;\n        node.typeAnnotation =

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this.tsParseTypeOperatorOrHigher();\n\n if (operator === \"readonly\") {\n
this.tsCheckTypeAnnotationForReadOnly(node);\n }\n\n return this.finishNode(node, \"TSTypeOperator\");\n
}\n\n tsCheckTypeAnnotationForReadOnly(node) {\n switch (node.typeAnnotation.type) {\n case
\"TSTupleType\":\n case \"TSArrayType\":\n return;\n\n default:\n this.raise(node.start,
TSErrors.UnexpectedReadOnly);\n }\n }\n\n tsParseInferType() {\n const node = this.startNode();\n
this.expectContextual(\"infer\");\n const typeParameter = this.startNode();\n typeParameter.name =
this.parseIdentifierName(typeParameter.start);\n node.typeParameter = this.finishNode(typeParameter,
\"TSTypeParameter\");\n return this.finishNode(node, \"TSInferType\");\n }\n\n tsParseTypeOperatorOrHigher()
{\n const operator = [\"keyof\", \"unique\", \"readonly\"].find(kw => this.isContextual(kw));\n return operator ?
this.tsParseTypeOperator(operator) : this.isContextual(\"infer\") ? this.tsParseInferType() :
this.tsParseArrayTypeOrHigher();\n }\n\n tsParseUnionOrIntersectionType(kind, parseConstituentType, operator)
{\n this.eat(operator);\n let type = parseConstituentType();\n\n if (this.match(operator)) {\n const types =
[type];\n\n while (this.eat(operator)) {\n types.push(parseConstituentType());\n }\n\n const node =
this.startNodeAtNode(type);\n node.types = types;\n type = this.finishNode(node, kind);\n }\n\n return
type;\n }\n\n tsParseIntersectionTypeOrHigher() {\n return
this.tsParseUnionOrIntersectionType(\"TSIntersectionType\", this.tsParseTypeOperatorOrHigher.bind(this),
types.bitwiseAND);\n }\n\n tsParseUnionTypeOrHigher() {\n return
this.tsParseUnionOrIntersectionType(\"TSUnionType\", this.tsParseIntersectionTypeOrHigher.bind(this),
types.bitwiseOR);\n }\n\n tsIsStartOfFunctionType() {\n if (this.isRelational(\"<\")) {\n return true;\n }\n\n
return this.match(types.parenL) && this.tsLookAhead(this.tsIsUnambiguouslyStartOfFunctionType.bind(this));\n
}\n\n tsSkipParameterStart() {\n if (this.match(types.name) || this.match(types._this)) {\n this.next();\n
return true;\n }\n\n if (this.match(types.braceL)) {\n let braceStackCounter = 1;\n this.next();\n\n while
(braceStackCounter > 0) {\n if (this.match(types.braceL)) {\n ++braceStackCounter;\n } else if
(this.match(types.braceR)) {\n --braceStackCounter;\n }\n\n this.next();\n }\n\n return true;\n
}\n\n if (this.match(types.bracketL)) {\n let braceStackCounter = 1;\n this.next();\n\n while
(braceStackCounter > 0) {\n if (this.match(types.bracketL)) {\n ++braceStackCounter;\n } else if
(this.match(types.bracketR)) {\n --braceStackCounter;\n }\n\n this.next();\n }\n\n return true;\n
}\n\n return false;\n }\n\n tsIsUnambiguouslyStartOfFunctionType() {\n this.next();\n\n if
(this.match(types.parenR) || this.match(types.ellipsis)) {\n return true;\n }\n\n if (this.tsSkipParameterStart())
{\n if (this.match(types.colon) || this.match(types.comma) || this.match(types.question) || this.match(types.eq)) {\n
return true;\n }\n\n if (this.match(types.parenR)) {\n this.next();\n\n if (this.match(types.arrow))
{\n return true;\n }\n }\n }\n\n return false;\n }\n\n
}\n\n\n tsParseTypeOrTypePredicateAnnotation(returnToken) {\n return this.tsInType() => {\n const t =
this.startNode();\n this.expect(returnToken);\n const asserts =
!!this.tsTryParse(this.tsParseTypePredicateAsserts.bind(this));\n\n if (asserts && this.match(types._this)) {\n
let thisTypePredicate = this.tsParseThisTypeOrThisTypePredicate();\n\n if (thisTypePredicate.type ===
\"TSThisType\") {\n const node = this.startNodeAtNode(t);\n node.parameterName =
thisTypePredicate;\n node.asserts = true;\n thisTypePredicate = this.finishNode(node,
\"TSTypePredicate\");\n } else {\n thisTypePredicate.asserts = true;\n }\n\n t.typeAnnotation =
thisTypePredicate;\n return this.finishNode(t, \"TSTypeAnnotation\");\n }\n\n const
typePredicateVariable = this.tsIsIdentifier() && this.tsTryParse(this.tsParseTypePredicatePrefix.bind(this));\n\n
if (!typePredicateVariable) {\n if (!asserts) {\n return this.tsParseTypeAnnotation(false, t);\n }\n\n
const node = this.startNodeAtNode(t);\n node.parameterName = this.parseIdentifier();\n node.asserts =
asserts;\n t.typeAnnotation = this.finishNode(node, \"TSTypePredicate\");\n return this.finishNode(t,
\"TSTypeAnnotation\");\n }\n\n const type = this.tsParseTypeAnnotation(false);\n const node =
this.startNodeAtNode(t);\n node.parameterName = typePredicateVariable;\n node.typeAnnotation = type;\n
node.asserts = asserts;\n t.typeAnnotation = this.finishNode(node, \"TSTypePredicate\");\n return
this.finishNode(t, \"TSTypeAnnotation\");\n };\n }\n\n tsTryParseTypeOrTypePredicateAnnotation() {\n

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return this.match(types.colon) ? this.tsParseTypeOrTypePredicateAnnotation(types.colon) : undefined;\n }\n\n
tsTryParseTypeAnnotation() {\n return this.match(types.colon) ? this.tsParseTypeAnnotation() : undefined;\n
}\n\n tsTryParseType() {\n return this.tsEatThenParseType(types.colon);\n }\n\n tsParseTypePredicatePrefix()
{\n const id = this.parseIdentifier();\n\n if (this.isContextual("is") && !this.hasPrecedingLineBreak()) {\n
this.next();\n return id;\n }\n }\n\n tsParseTypePredicateAsserts() {\n if (!this.match(types.name) ||
this.state.value !== "asserts" || this.hasPrecedingLineBreak()) {\n return false;\n }\n\n const containsEsc =
this.state.containsEsc;\n this.next();\n\n if (!this.match(types.name) && !this.match(types._this)) {\n return
false;\n }\n\n if (containsEsc) {\n this.raise(this.state.lastTokStart,
ErrorMessages.InvalidEscapedReservedWord, "asserts");\n }\n\n return true;\n }\n\n
tsParseTypeAnnotation(eatColon = true, t = this.startNode()) {\n this.tsInType() => {\n if (eatColon)
this.expect(types.colon);\n t.typeAnnotation = this.tsParseType();\n }};\n return this.finishNode(t,
"TSTypeAnnotation");\n }\n\n tsParseType() {\n assert(this.state.inType);\n const type =
this.tsParseNonConditionalType();\n\n if (this.hasPrecedingLineBreak() || !this.eat(types._extends)) {\n return
type;\n }\n\n const node = this.startNodeAtNode(type);\n node.checkType = type;\n node.extendsType =
this.tsParseNonConditionalType();\n this.expect(types.question);\n node.trueType = this.tsParseType();\n
this.expect(types.colon);\n node.falseType = this.tsParseType();\n return this.finishNode(node,
"TSConditionalType");\n }\n\n tsParseNonConditionalType() {\n if (this.tsIsStartOfFunctionType()) {\n
return this.tsParseFunctionOrConstructorType("TSFunctionType");\n }\n\n if (this.match(types._new)) {\n
return this.tsParseFunctionOrConstructorType("TSConstructorType");\n }\n\n return
this.tsParseUnionTypeOrHigher();\n }\n\n tsParseTypeAssertion() {\n const node = this.startNode();\n\n const
_const = this.tsTryNextParseConstantContext();\n node.typeAnnotation = _const ||
this.tsNextThenParseType();\n this.expectRelational(">");\n node.expression = this.parseMaybeUnary();\n
return this.finishNode(node, "TSTypeAssertion");\n }\n\n tsParseHeritageClause(descriptor) {\n const
originalStart = this.state.start;\n const delimitedList = this.tsParseDelimitedList("HeritageClauseElement",
this.tsParseExpressionWithTypeArguments.bind(this));\n\n if (!delimitedList.length) {\n
this.raise(originalStart, TSErrors.EmptyHeritageClauseType, descriptor);\n }\n\n return delimitedList;\n }\n\n
tsParseExpressionWithTypeArguments() {\n const node = this.startNode();\n node.expression =
this.tsParseEntityName(false);\n\n if (this.isRelational("<")) {\n node.typeParameters =
this.tsParseTypeArguments();\n }\n\n return this.finishNode(node, "TSExpressionWithTypeArguments");\n
}\n\n tsParseInterfaceDeclaration(node) {\n node.id = this.parseIdentifier();\n this.checkLVal(node.id,
BIND_TS_INTERFACE, undefined, "typescript interface declaration");\n node.typeParameters =
this.tsTryParseTypeParameters();\n\n if (this.eat(types._extends)) {\n node.extends =
this.tsParseHeritageClause("extends");\n }\n\n const body = this.startNode();\n body.body =
this.tsInType(this.tsParseObjectTypeMembers.bind(this));\n node.body = this.finishNode(body,
"TSInterfaceBody");\n return this.finishNode(node, "TSInterfaceDeclaration");\n }\n\n
tsParseTypeAliasDeclaration(node) {\n node.id = this.parseIdentifier();\n this.checkLVal(node.id,
BIND_TS_TYPE, undefined, "typescript type alias");\n node.typeParameters =
this.tsTryParseTypeParameters();\n node.typeAnnotation = this.tsInType() => {\n this.expect(types.eq);\n\n
if (this.isContextual("intrinsic") && this.lookahead().type !== types.dot) {\n const node = this.startNode();\n
this.next();\n return this.finishNode(node, "TSIntrinsicKeyword");\n }\n\n return this.tsParseType();\n
});\n this.semicolon();\n return this.finishNode(node, "TSTypeAliasDeclaration");\n }\n\n tsInNoContext(cb)
{\n const oldContext = this.state.context;\n this.state.context = [oldContext[0]];\n\n try {\n return cb();\n }
finally {\n this.state.context = oldContext;\n }\n }\n\n tsInType(cb) {\n const oldInType =
this.state.inType;\n this.state.inType = true;\n\n try {\n return cb();\n } finally {\n this.state.inType =
oldInType;\n }\n }\n\n tsEatThenParseType(token) {\n return !this.match(token) ? undefined :
this.tsNextThenParseType();\n }\n\n tsExpectThenParseType(token) {\n return this.tsDoThenParseType() =>
this.expect(token);\n }\n\n tsNextThenParseType() {\n return this.tsDoThenParseType() => this.next();\n
}\n\n tsDoThenParseType(cb) {\n return this.tsInType() => {\n cb();\n return this.tsParseType();\n }};\n

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}\n\n tsParseEnumMember() {\n  const node = this.startNode();\n  node.id = this.match(types.string) ?\n  this.parseExprAtom() : this.parseIdentifier(true);\n  if (this.eat(types.eq)) {\n    node.initializer =\n    this.parseMaybeAssignAllowIn();\n  }\n  return this.finishNode(node, \"TSEnumMember\");\n}\n\n tsParseEnumDeclaration(node, isConst) {\n  if (isConst) node.const = true;\n  node.id = this.parseIdentifier();\n  this.checkLVal(node.id, isConst ? BIND_TS_CONST_ENUM : BIND_TS_ENUM, undefined, \"typescript enum\n  declaration\");\n  this.expect(types.braceL);\n  node.members = this.tsParseDelimitedList(\"EnumMembers\",\n  this.tsParseEnumMember.bind(this));\n  this.expect(types.braceR);\n  return this.finishNode(node,\n  \"TSEnumDeclaration\");\n}\n\n tsParseModuleBlock() {\n  const node = this.startNode();\n  this.scope.enter(SCOPE_OTHER);\n  this.expect(types.braceL);\n  this.parseBlockOrModuleBlockBody(node.body = [], undefined, true, types.braceR);\n  this.scope.exit();\n  return\n  this.finishNode(node, \"TModuleBlock\");\n}\n\n tsParseModuleOrNamespaceDeclaration(node, nested = false)\n  {\n  node.id = this.parseIdentifier();\n  if (!nested) {\n    this.checkLVal(node.id, BIND_TS_NAMESPACE,\n    null, \"module or namespace declaration\");\n  }\n  if (this.eat(types.dot)) {\n    const inner = this.startNode();\n    this.tsParseModuleOrNamespaceDeclaration(inner, true);\n    node.body = inner;\n  } else {\n    this.scope.enter(SCOPE_TS_MODULE);\n    this.prodParam.enter(PARAM);\n    node.body =\n    this.tsParseModuleBlock();\n    this.prodParam.exit();\n    this.scope.exit();\n  }\n  return\n  this.finishNode(node, \"TModuleDeclaration\");\n}\n\n tsParseAmbientExternalModuleDeclaration(node) {\n  if (this.isContextual(\"global\")) {\n    node.global = true;\n    node.id = this.parseIdentifier();\n  } else if\n  (this.match(types.string)) {\n    node.id = this.parseExprAtom();\n  } else {\n    this.unexpected();\n  }\n  if\n  (this.match(types.braceL)) {\n    this.scope.enter(SCOPE_TS_MODULE);\n    this.prodParam.enter(PARAM);\n    node.body = this.tsParseModuleBlock();\n    this.prodParam.exit();\n    this.scope.exit();\n  } else {\n    this.semicolon();\n  }\n  return this.finishNode(node, \"TModuleDeclaration\");\n}\n\n tsParseImportEqualsDeclaration(node, isExport) {\n  node.isExport = isExport || false;\n  node.id =\n  this.parseIdentifier();\n  this.checkLVal(node.id, BIND_LEXICAL, undefined, \"import equals declaration\");\n  this.expect(types.eq);\n  node.moduleReference = this.tsParseModuleReference();\n  this.semicolon();\n  return\n  this.finishNode(node, \"TImportEqualsDeclaration\");\n}\n\n tsIsExternalModuleReference() {\n  return\n  this.isContextual(\"require\") && this.lookaheadCharCode() === 40;\n}\n\n tsParseModuleReference() {\n  return\n  this.tsIsExternalModuleReference() ? this.tsParseExternalModuleReference() :\n  this.tsParseEntityName(false);\n}\n\n tsParseExternalModuleReference() {\n  const node = this.startNode();\n  this.expectContextual(\"require\");\n  this.expect(types.parenL);\n  if (!this.match(types.string)) {\n    throw\n    this.unexpected();\n  }\n  node.expression = this.parseExprAtom();\n  this.expect(types.parenR);\n  return\n  this.finishNode(node, \"TSExternalModuleReference\");\n}\n\n tsLookAhead(f) {\n  const state =\n  this.state.clone();\n  const res = f();\n  this.state = state;\n  return res;\n}\n\n tsTryParseAndCatch(f) {\n  const\n  result = this.tryParse(abort => f) || abort();\n  if (result.aborted || !result.node) return undefined;\n  if\n  (result.error) this.state = result.failState;\n  return result.node;\n}\n\n tsTryParse(f) {\n  const state =\n  this.state.clone();\n  const result = f();\n  if (result !== undefined && result !== false) {\n    return result;\n  }\n  else {\n    this.state = state;\n    return undefined;\n  }\n}\n\n tsTryParseDeclare(nany) {\n  if\n  (this.isLineTerminator()) {\n    return;\n  }\n  let starttype = this.state.type;\n  let kind;\n  if\n  (this.isContextual(\"let\")) {\n    starttype = types._var;\n    kind = \"let\";\n  }\n  return\n  this.tsInDeclareContext(() => {\n    switch (starttype) {\n      case types._function:\n        many.declare = true;\n        return this.parseFunctionStatement(nany, false, true);\n      case types._class:\n        many.declare = true;\n        return this.parseClass(nany, true, false);\n      case types._const:\n        if (this.match(types._const) &&\n        this.isLookaheadContextual(\"enum\")) {\n          this.expect(types._const);\n          this.expectContextual(\"enum\");\n          return this.tsParseEnumDeclaration(nany, true);\n        }\n      case\n        types._var:\n        kind = kind || this.state.value;\n        return this.parseVarStatement(nany, kind);\n      case\n        types.name:\n        {\n          const value = this.state.value;\n          if (value === \"global\") {\n            return\n            this.tsParseAmbientExternalModuleDeclaration(nany);\n          }\n        }\n      else {\n        return\n        this.tsParseDeclaration(nany, value, true);\n      }\n    }\n  });\n}\n\n tsTryParseExportDeclaration()

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{\n  return this.tsParseDeclaration(this.startNode(), this.state.value, true);\n }\n\n
tsParseExpressionStatement(node, expr) {\n  switch (expr.name) {\n    case \"declare\":\n      {\n        const
declaration = this.tsTryParseDeclare(node);\n        if (declaration) {\n          declaration.declare = true;\n
return declaration;\n        }\n        break;\n      }\n    case \"global\":\n      if (this.match(types.braceL)) {\n
this.scope.enter(SCOPE_TS_MODULE);\n      this.prodParam.enter(PARAM);\n      const mod = node;\n
mod.global = true;\n      mod.id = expr;\n      mod.body = this.tsParseModuleBlock();\n
this.scope.exit();\n      this.prodParam.exit();\n      return this.finishNode(mod, \"TSMODULEDECLARATION\");\n
}\n    default:\n      return this.tsParseDeclaration(node, expr.name, false);\n  }\n }\n\n
tsParseDeclaration(node, value, next) {\n  switch (value) {\n    case \"abstract\":\n      if
(this.tsCheckLineTerminatorAndMatch(types._class, next)) {\n        const cls = node;\n        cls.abstract =
true;\n        if (next) {\n          this.next();\n        }\n        if (!this.match(types._class)) {\n
this.unexpected(null, types._class);\n        }\n        return this.parseClass(cls, true, false);\n      }\n    break;\n    case \"enum\":\n      if (next || this.match(types.name)) {\n        if (next) this.next();\n        return
this.tsParseEnumDeclaration(node, false);\n      }\n    break;\n    case \"interface\":\n      if
(this.tsCheckLineTerminatorAndMatch(types.name, next)) {\n        if (next) this.next();\n        return
this.tsParseInterfaceDeclaration(node);\n      }\n    break;\n    case \"module\":\n      if (next)
this.next();\n      if (this.match(types.string)) {\n        return
this.tsParseAmbientExternalModuleDeclaration(node);\n      } else if
(this.tsCheckLineTerminatorAndMatch(types.name, next)) {\n        return
this.tsParseModuleOrNamespaceDeclaration(node);\n      }\n    break;\n    case \"namespace\":\n      if
(this.tsCheckLineTerminatorAndMatch(types.name, next)) {\n        if (next) this.next();\n        return
this.tsParseModuleOrNamespaceDeclaration(node);\n      }\n    break;\n    case \"type\":\n      if
(this.tsCheckLineTerminatorAndMatch(types.name, next)) {\n        if (next) this.next();\n        return
this.tsParseTypeAliasDeclaration(node);\n      }\n    break;\n  }\n }\n\n
tsCheckLineTerminatorAndMatch(tokenType, next) {\n  return (next || this.match(tokenType)) &&
!this.isLineTerminator();\n }\n\n
tsTryParseGenericAsyncArrowFunction(startPos, startLoc) {\n  if
(!this.isRelational(<\"<\")) {\n    return undefined;\n  }\n  const oldMaybeInArrowParameters =
this.state.maybeInArrowParameters;\n  this.state.maybeInArrowParameters = true;\n  const res =
this.tsTryParseAndCatch(() => {\n    const node = this.startNodeAt(startPos, startLoc);\n    node.typeParameters =
this.tsParseTypeParameters();\n    super.parseFunctionParams(node);\n    node.returnType =
this.tsTryParseTypeOrTypePredicateAnnotation();\n    this.expect(types.arrow);\n    return node;\n  });\n  this.state.maybeInArrowParameters = oldMaybeInArrowParameters;\n  if (!res) {\n    return undefined;\n  }\n  return this.parseArrowExpression(res, null, true);\n }\n\n
tsParseTypeArguments() {\n  const node =
this.startNode();\n  node.params = this.tsInType(() => this.tsInNoContext(() => {\n
this.expectRelational(<\"<\");\n    return this.tsParseDelimitedList(\"TypeParametersOrArguments\",
this.tsParseType.bind(this));\n  }));\n  if (node.params.length === 0) {\n    this.raise(node.start,
TSErrors.EmptyTypeArguments);\n  }\n  this.state.exprAllowed = false;\n  this.expectRelational(>\">);\n
return this.finishNode(node, \"TSTYPEPARAMETERINSTITIATION\");\n }\n\n
tsIsDeclarationStart() {\n  if
(this.match(types.name)) {\n    switch (this.state.value) {\n      case \"abstract\":\n      case \"declare\":\n      case
\"enum\":\n      case \"interface\":\n      case \"module\":\n      case \"namespace\":\n      case \"type\":\n
return true;\n    }\n  }\n  return false;\n }\n\n
isExportDefaultSpecifier() {\n  if (this.tsIsDeclarationStart())
return false;\n  return super.isExportDefaultSpecifier();\n }\n\n
parseAssignableListItem(allowModifiers,
decorators) {\n  const startPos = this.state.start;\n  const startLoc = this.state.startLoc;\n  let accessibility;\n  let
readonly = false;\n  if (allowModifiers !== undefined) {\n    accessibility = this.parseAccessModifier();\n
readonly = !this.tsParseModifier([\"readonly\"]);\n  }\n  if (allowModifiers === false && (accessibility || readonly))
{\n    this.raise(startPos, TSErrors.UnexpectedParameterModifier);\n  }\n  const left =
this.parseMaybeDefault();\n  this.parseAssignableListItemTypes(left);\n  const elt =
this.parseMaybeDefault(left.start, left.loc.start, left);\n  if (accessibility || readonly) {\n    const pp =

```

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this.startNodeAt(startPos, startLoc);\n    if (decorators.length) {\n        pp.decorators = decorators;\n    }\n    if (accessibility) pp.accessibility = accessibility;\n    if (readonly) pp.readonly = readonly;\n    if (elt.type !==\n    \"Identifier\" && elt.type !== \"AssignmentPattern\") {\n        this.raise(pp.start,\n        TSErrors.UnsupportedParameterPropertyKind);\n    }\n    pp.parameter = elt;\n    return this.finishNode(pp,\n    \"TSParameterProperty\");\n}\n    if (decorators.length) {\n        left.decorators = decorators;\n    }\n    return\n    elt;\n}\n    parseFunctionBodyAndFinish(node, type, isMethod = false) {\n    if (this.match(types.colon)) {\n        node.returnType = this.tsParseTypeOrTypePredicateAnnotation(types.colon);\n    }\n    const bodilessType = type\n    === \"FunctionDeclaration\" ? \"TSDeclareFunction\" : type === \"ClassMethod\" ? \"TSDeclareMethod\" :\n    undefined;\n    if (bodilessType && !this.match(types.braceL) && this.isLineTerminator()) {\n        this.finishNode(node, bodilessType);\n        return;\n    }\n    if (bodilessType === \"TSDeclareFunction\" &&\n    this.state.isDeclareContext) {\n        this.raise(node.start, TSErrors.DeclareFunctionHasImplementation);\n        if\n        (node.declare) {\n            super.parseFunctionBodyAndFinish(node, bodilessType, isMethod);\n            return;\n        }\n    }\n    super.parseFunctionBodyAndFinish(node, type, isMethod);\n}\n    registerFunctionStatementId(node) {\n    if (!node.body && node.id) {\n        this.checkLVal(node.id, BIND_TS_AMBIENT, null, \"function name\");\n    }\n    else {\n        super.registerFunctionStatementId(...arguments);\n    }\n}\n    tsCheckForInvalidTypeCasts(items) {\n    items.forEach(node => {\n        if ((node == null ? void 0 : node.type) === \"TSTypeCastExpression\") {\n            this.raise(node.typeAnnotation.start, TSErrors.UnexpectedTypeAnnotation);\n        }\n    });\n}\n    toReferencedList(exprList, isInParens) {\n    this.tsCheckForInvalidTypeCasts(exprList);\n    return exprList;\n}\n    parseArrayLike(...args) {\n    const node = super.parseArrayLike(...args);\n    if (node.type ===\n    \"ArrayExpression\") {\n        this.tsCheckForInvalidTypeCasts(node.elements);\n    }\n    return node;\n}\n    parseSubscript(base, startPos, startLoc, noCalls, state) {\n    if (!this.hasPrecedingLineBreak() &&\n    this.match(types.bang)) {\n        this.state.exprAllowed = false;\n        this.next();\n        const nonNullExpression =\n        this.startNodeAt(startPos, startLoc);\n        nonNullExpression.expression = base;\n        return\n        this.finishNode(nonNullExpression, \"TSNonNullExpression\");\n    }\n    if (this.isRelational("<")) {\n        const\n        result = this.tsTryParseAndCatch(() => {\n            if (!noCalls && this.atPossibleAsyncArrow(base)) {\n                const\n                asyncArrowFn = this.tsTryParseGenericAsyncArrowFunction(startPos, startLoc);\n                if (asyncArrowFn) {\n                    return\n                    asyncArrowFn;\n                }\n            }\n            const\n            node = this.startNodeAt(startPos, startLoc);\n            node.callee = base;\n            const\n            typeArguments = this.tsParseTypeArguments();\n            if (typeArguments) {\n                if\n                (!noCalls && this.eat(types.parenL)) {\n                    node.arguments =\n                    this.parseCallExpressionArguments(types.parenR, false);\n                    this.tsCheckForInvalidTypeCasts(node.arguments);\n                    node.typeParameters = typeArguments;\n                    return\n                    this.finishCallExpression(node, state.optionalChainMember);\n                }\n            }\n            const\n            result = this.parseTaggedTemplateExpression(base, startPos, startLoc, state);\n            result.typeParameters\n            = typeArguments;\n            return\n            result;\n        });\n        if (result) return\n        result;\n    }\n    return\n    super.parseSubscript(base, startPos, startLoc, noCalls, state);\n}\n    parseNewArguments(node) {\n    if (this.isRelational("<")) {\n        const\n        typeParameters =\n        this.tsTryParseAndCatch(() => {\n            const\n            args = this.tsParseTypeArguments();\n            if\n            (!this.match(types.parenL)) this.unexpected();\n            return\n            args;\n        });\n        if (typeParameters) {\n            node.typeParameters = typeParameters;\n        }\n    }\n    super.parseNewArguments(node);\n}\n    parseExprOp(left, leftStartPos, leftStartLoc, minPrec) {\n    if (nonNull(types._in.binop) > minPrec &&\n    !this.hasPrecedingLineBreak() && this.isContextual(\"as\")) {\n        const\n        node = this.startNodeAt(leftStartPos,\n        leftStartLoc);\n        node.expression = left;\n        const\n        _const = this.tsTryNextParseConstantContext();\n        if\n        (_const) {\n            node.typeAnnotation = _const;\n        }\n        else {\n            node.typeAnnotation =\n            this.tsNextThenParseType();\n        }\n        this.finishNode(node, \"TSAsExpression\");\n        this.reScan_lt_gt();\n        return\n        this.parseExprOp(node, leftStartPos, leftStartLoc, minPrec);\n    }\n    return\n    super.parseExprOp(left,\n    leftStartPos, leftStartLoc, minPrec);\n}\n    checkReservedWord(word, startLoc, checkKeywords, isBinding)\n    {\n}\n    checkDuplicateExports() {\n}\n    parseImport(node) {\n    if (this.match(types.name) || this.match(types.star)\n    || this.match(types.braceL)) {\n        const\n        ahead = this.lookahead();\n        if (this.match(types.name) && ahead.type

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=== types.eq) {\n    return this.tsParseImportEqualsDeclaration(node);\n  }\n\n  if (this.isContextual(`\`type\`)\n    && ahead.type !== types.comma && !(ahead.type === types.name && ahead.value === `from`)) {\n    node.importKind = `type`;\n    this.next();\n  }\n\n  if (!node.importKind) {\n    node.importKind = `value`;\n  }\n\n  const importNode = super.parseImport(node);\n\n  if (importNode.importKind === `type`\n    && importNode.specifiers.length > 1 && importNode.specifiers[0].type === `ImportDefaultSpecifier`) {\n    this.raise(importNode.start, `A type-only import can specify a default import or named bindings, but not both.`);\n  }\n\n  return importNode;\n}\n\nparseExport(node) {\n  if (this.match(types._import)) {\n    this.expect(types._import);\n    return this.tsParseImportEqualsDeclaration(node, true);\n  } else if\n    (this.eat(types.eq)) {\n    const assign = node;\n    assign.expression = this.parseExpression();\n    this.semicolon();\n    return this.finishNode(assign, `TSEExportAssignment`);\n  } else if\n    (this.eatContextual(`as`)) {\n    const decl = node;\n    this.expectContextual(`namespace`);\n    decl.id =\n      this.parseIdentifier();\n    this.semicolon();\n    return this.finishNode(decl,\n      `TSNamespaceExportDeclaration`);\n  } else {\n    if (this.isContextual(`type`) && this.lookahead().type ===\n      types.braceL) {\n      this.next();\n      node.exportKind = `type`;\n    } else {\n      node.exportKind =\n        `value`;\n    }\n\n    return super.parseExport(node);\n  }\n}\n\nisAbstractClass() {\n  return\n    this.isContextual(`abstract`) && this.lookahead().type === types._class;\n}\n\nparseExportDefaultExpression()\n  {\n    if (this.isAbstractClass()) {\n      const cls = this.startNode();\n      this.next();\n      this.parseClass(cls, true,\n        true);\n      cls.abstract = true;\n      return cls;\n    }\n\n    if (this.state.value === `interface`) {\n      const result =\n        this.tsParseDeclaration(this.startNode(), this.state.value, true);\n      if (result) return result;\n    }\n\n    return\n      super.parseExportDefaultExpression();\n  }\n}\n\nparseStatementContent(context, topLevel) {\n  if (this.state.type\n    === types._const) {\n    const ahead = this.lookahead();\n\n    if (ahead.type === types.name && ahead.value ===\n      `enum`) {\n      const node = this.startNode();\n      this.expect(types._const);\n      this.expectContextual(`enum`);\n      return this.tsParseEnumDeclaration(node, true);\n    }\n  }\n\n  return\n    super.parseStatementContent(context, topLevel);\n}\n\nparseAccessModifier() {\n  return\n    this.tsParseModifier([`public`, `protected`, `private`]);\n}\n\nparseClassMember(classBody, member, state)\n  {\n    this.tsParseModifiers(member, [`declare`]);\n    const accessibility = this.parseAccessModifier();\n    if\n      (accessibility) member.accessibility = accessibility;\n    this.tsParseModifiers(member, [`declare`]);\n\n    const\n      callParseClassMember = () => {\n        super.parseClassMember(classBody, member, state);\n      };\n\n    if\n      (member.declare) {\n        this.tsInDeclareContext(callParseClassMember);\n      } else {\n        callParseClassMember();\n      }\n  }\n}\n\nparseClassMemberWithIsStatic(classBody, member, state, isStatic) {\n  this.tsParseModifiers(member, [`abstract`, `readonly`, `declare`]);\n  const idx =\n    this.tsTryParseIndexSignature(member);\n\n  if (idx) {\n    classBody.body.push(idx);\n\n    if (member.abstract)\n      this.raise(member.start, TSErrors.IndexSignatureHasAbstract);\n\n    if (isStatic)\n      this.raise(member.start, TSErrors.IndexSignatureHasStatic);\n\n    if (member.accessibility)\n      this.raise(member.start, TSErrors.IndexSignatureHasAccessibility, member.accessibility);\n\n    if\n      (member.declare) {\n        this.raise(member.start, TSErrors.IndexSignatureHasDeclare);\n      }\n\n    return;\n  }\n\n  super.parseClassMemberWithIsStatic(classBody, member, state, isStatic);\n}\n\nparsePostMemberNameModifiers(methodOrProp) {\n  const optional = this.eat(types.question);\n\n  if (optional)\n    methodOrProp.optional = true;\n\n  if (methodOrProp.readonly && this.match(types.parenL)) {\n    this.raise(methodOrProp.start, TSErrors.ClassMethodHasReadonly);\n  }\n\n  if (methodOrProp.declare &&\n    this.match(types.parenL)) {\n    this.raise(methodOrProp.start, TSErrors.ClassMethodHasDeclare);\n  }\n}\n\nparseExpressionStatement(node, expr) {\n  const decl = expr.type === `Identifier` ?\n    this.tsParseExpressionStatement(node, expr) : undefined;\n  return decl || super.parseExpressionStatement(node,\n    expr);\n}\n\nshouldParseExportDeclaration() {\n  if (this.tsIsDeclarationStart()) return true;\n  return\n    super.shouldParseExportDeclaration();\n}\n\nparseConditional(expr, startPos, startLoc, refNeedsArrowPos) {\n  if (!refNeedsArrowPos || !this.match(types.question))\n    return super.parseConditional(expr, startPos, startLoc,\n      refNeedsArrowPos);\n}\n\nconst result = this.tryParse(() => super.parseConditional(expr, startPos,\n  startLoc));\n\nif (!result.node) {\n  refNeedsArrowPos.start = result.error.pos || this.state.start;\n  return

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expr;\n  }\n\n  if (result.error) this.state = result.failState;\n  return result.node;\n }\n\n parseParenItem(node,
startPos, startLoc) {\n  node = super.parseParenItem(node, startPos, startLoc);\n\n  if (this.eat(types.question)) {\n    node.optional = true;\n    this.resetEndLocation(node);\n  }\n\n  if (this.match(types.colon)) {\n    const
typeCastNode = this.startNodeAt(startPos, startLoc);\n    typeCastNode.expression = node;\n
typeCastNode.typeAnnotation = this.tsParseTypeAnnotation();\n    return this.finishNode(typeCastNode,
\'\'TSTypeCastExpression\');\n  }\n\n  return node;\n }\n\n parseExportDeclaration(node) {\n  const startPos =
this.state.start;\n  const startLoc = this.state.startLoc;\n  const isDeclare = this.eatContextual(\'\'declare\');\n  let
declaration;\n\n  if (this.match(types.name)) {\n    declaration = this.tsTryParseExportDeclaration();\n  }\n\n  if
(!declaration) {\n    declaration = super.parseExportDeclaration(node);\n  }\n\n  if (declaration &&
(declaration.type === \'\'TSInterfaceDeclaration\'\' || declaration.type === \'\'TSTypeAliasDeclaration\'\' || isDeclare))
{\n    node.exportKind = \'\'type\';\n  }\n\n  if (declaration && isDeclare) {\n
this.resetStartLocation(declaration, startPos, startLoc);\n    declaration.declare = true;\n  }\n\n  return
declaration;\n }\n\n parseClassId(node, isStatement, optionalId) {\n  if ((!isStatement || optionalId) &&
this.isContextual(\'\'implements\')) {\n    return;\n  }\n\n  super.parseClassId(node, isStatement, optionalId,
node.declare ? BIND_TS_AMBIENT : BIND_CLASS);\n  const typeParameters =
this.tsTryParseTypeParameters();\n  if (typeParameters) node.typeParameters = typeParameters;\n }\n\n
parseClassPropertyAnnotation(node) {\n  if (!node.optional && this.eat(types.bang)) {\n    node.definite = true;\n
}\n\n  const type = this.tsTryParseTypeAnnotation();\n  if (type) node.typeAnnotation = type;\n }\n\n
parseClassProperty(node) {\n  this.parseClassPropertyAnnotation(node);\n\n  if (this.state.isDeclareContext &&
this.match(types.eq)) {\n    this.raise(this.state.start, TSErrors.DeclareClassFieldHasInitializer);\n  }\n\n  return
super.parseClassProperty(node);\n }\n\n parseClassPrivateProperty(node) {\n  if (node.abstract) {\n
this.raise(node.start, TSErrors.PrivateElementHasAbstract);\n  }\n\n  if (node.accessibility) {\n
this.raise(node.start, TSErrors.PrivateElementHasAccessibility, node.accessibility);\n  }\n\n  this.parseClassPropertyAnnotation(node);\n  return super.parseClassPrivateProperty(node);\n }\n\n
pushClassMethod(classBody, method, isGenerator, isAsync, isConstructor, allowsDirectSuper) {\n  const
typeParameters = this.tsTryParseTypeParameters();\n\n  if (typeParameters && isConstructor) {\n
this.raise(typeParameters.start, TSErrors.ConstructorHasTypeParameters);\n  }\n\n  if (typeParameters)
method.typeParameters = typeParameters;\n  super.pushClassMethod(classBody, method, isGenerator, isAsync,
isConstructor, allowsDirectSuper);\n }\n\n pushClassPrivateMethod(classBody, method, isGenerator, isAsync) {\n
const typeParameters = this.tsTryParseTypeParameters();\n  if (typeParameters) method.typeParameters =
typeParameters;\n  super.pushClassPrivateMethod(classBody, method, isGenerator, isAsync);\n }\n\n
parseClassSuper(node) {\n  super.parseClassSuper(node);\n\n  if (node.superClass && this.isRelational(\'\'<\'))
{\n    node.superTypeParameters = this.tsParseTypeArguments();\n  }\n\n  if
(this.eatContextual(\'\'implements\')) {\n    node.implements = this.tsParseHeritageClause(\'\'implements\');\n  }\n
}\n\n parseObjPropValue(prop, ...args) {\n  const typeParameters = this.tsTryParseTypeParameters();\n  if
(typeParameters) prop.typeParameters = typeParameters;\n  super.parseObjPropValue(prop, ...args);\n }\n\n
parseFunctionParams(node, allowModifiers) {\n  const typeParameters = this.tsTryParseTypeParameters();\n  if
(typeParameters) node.typeParameters = typeParameters;\n  super.parseFunctionParams(node, allowModifiers);\n
}\n\n parseVarId(decl, kind) {\n  super.parseVarId(decl, kind);\n\n  if (decl.id.type === \'\'Identifier\'\' &&
this.eat(types.bang)) {\n    decl.definite = true;\n  }\n\n  const type = this.tsTryParseTypeAnnotation();\n\n  if
(type) {\n    decl.id.typeAnnotation = type;\n    this.resetEndLocation(decl.id);\n  }\n }\n\n
parseAsyncArrowFromCallExpression(node, call) {\n  if (this.match(types.colon)) {\n    node.returnType =
this.tsParseTypeAnnotation();\n  }\n\n  return super.parseAsyncArrowFromCallExpression(node, call);\n }\n\n
parseMaybeAssign(...args) {\n  var _jsx, _jsx2, _typeCast, _jsx3, _typeCast2, _jsx4, _typeCast3;\n\n  let state;\n
let jsx;\n  let typeCast;\n\n  if (this.match(types.jsxTagStart)) {\n    state = this.state.clone();\n    jsx =
this.tryParse(() => super.parseMaybeAssign(...args), state);\n    if (!jsx.error) return jsx.node;\n    const {\n
context\n  } = this.state;\n\n    if (context[context.length - 1] === types.$1.j_oTag) {\n      context.length -= 2;\n
    } else if (context[context.length - 1] === types.$1.j_expr) {\n      context.length -= 1;\n    }\n  }\n\n  if (!(_jsx

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= jsx) == null ? void 0 : _jsx.error) && !this.isRelational("<") {
  return super.parseMaybeAssign(...args);
}
let typeParameters;
state = state || this.state.clone();
const arrow = this.tryParse(abort => {
  var _typeParameters;
  typeParameters = this.tsParseTypeParameters();
  const expr = super.parseMaybeAssign(...args);
  if (expr.type !== "ArrowFunctionExpression" || expr.extra &&
    expr.extra.parenthesized) {
    abort();
  }
  if ((_typeParameters = typeParameters) == null ? void 0 :
    _typeParameters.params.length) !== 0) {
    this.resetStartLocationFromNode(expr, typeParameters);
  }
  expr.typeParameters = typeParameters;
  return expr;
}, state);
if (!arrow.error && !arrow.aborted)
  return arrow.node;
if (!jsx)
  assert(!this.hasPlugin("jsx"));
typeCast = this.tryParse(abort =>
  super.parseMaybeAssign(...args), state);
if (!typeCast.error)
  return typeCast.node;
if ((_jsx2 = jsx) == null ? void 0 : _jsx2.node) {
  this.state = jsx.failState;
  return jsx.node;
}
if (arrow.node) {
  this.state = arrow.failState;
  return arrow.node;
}
if ((_typeCast = typeCast) == null ? void 0 :
  _typeCast.node) {
  this.state = typeCast.failState;
  return typeCast.node;
}
if ((_jsx3 = jsx) == null ? void 0 : _jsx3.thrown)
  throw jsx.error;
if (arrow.thrown)
  throw arrow.error;
if ((_typeCast2 = typeCast) == null ? void 0 :
  _typeCast2.thrown)
  throw typeCast.error;
throw ((_jsx4 = jsx) == null ? void 0 : _jsx4.error) ||
  arrow.error || ((_typeCast3 = typeCast) == null ? void 0 :
  _typeCast3.error);
}
parseMaybeUnary(refExpressionErrors) {
  if (!this.hasPlugin("jsx") && this.isRelational("<"))
    return this.tsParseTypeAssertion();
  else
    return super.parseMaybeUnary(refExpressionErrors);
}
parseArrow(node) {
  if (this.match(types.colon)) {
    const result = this.tryParse(abort => {
      const returnType = this.tsParseTypeOrTypePredicateAnnotation(
        types.colon);
      if (this.canInsertSemicolon() || !this.match(
        types.arrow))
        abort();
      return returnType;
    });
    if (result.aborted)
      return;
    if (!result.thrown) {
      if (result.error)
        this.state = result.failState;
      node.returnType = result.node;
    }
  }
  return super.parseArrow(node);
}
parseAssignableListItemTypes(param) {
  if (this.eat(types.question)) {
    if (param.type !== "Identifier" && !this.state.isDeclareContext &&
      !this.state.inType)
      this.raise(param.start, TSErrors.PatternIsOptional);
    param.optional = true;
  }
  const type = this.tsTryParseTypeAnnotation();
  if (type)
    param.typeAnnotation = type;
  this.resetEndLocation(param);
  return param;
}
toAssignable(node) {
  switch (node.type) {
    case "TSTypeCastExpression":
      return super.toAssignable(this.typeCastToParameter(node));
    case "TSParameterProperty":
      return super.toAssignable(node);
    case "TSAExpression":
    case "TSNonNullExpression":
    case "TSTypeAssertion":
      node.expression = this.toAssignable(node.expression);
      return node;
    default:
      return super.toAssignable(node);
  }
}
checkLVal(expr, bindingType = BIND_NONE, checkClashes, contextDescription) {
  switch (expr.type) {
    case "TSTypeCastExpression":
      return;
    case "TSParameterProperty":
      this.checkLVal(expr.parameter, bindingType, checkClashes,
        "parameter property");
      return;
    case "TSAExpression":
    case "TSNonNullExpression":
    case "TSTypeAssertion":
      this.checkLVal(expr.expression, bindingType, checkClashes,
        contextDescription);
      return;
    default:
      super.checkLVal(expr, bindingType, checkClashes, contextDescription);
      return;
  }
}
parseBindingAtom() {
  switch (this.state.type) {
    case types._this:
      return this.parseIdentifier(true);
    default:
      return super.parseBindingAtom();
  }
}
parseMaybeDecoratorArguments(expr) {
  if (this.isRelational("<")) {
    const typeArguments = this.tsParseTypeArguments();
    if (this.match(types.parenL)) {
      const call = super.parseMaybeDecoratorArguments(expr);
      call.typeParameters = typeArguments;
      return call;
    }
    this.unexpected(this.state.start, types.parenL);
  }
  return super.parseMaybeDecoratorArguments(expr);
}
isClassMethod() {
  return this.isRelational("<") || super.isClassMethod();
}
isClassProperty() {
  return this.match(types.bang) || this.match(types.colon) ||
    super.isClassProperty();
}
parseMaybeDefault(...args) {
  const node = super.parseMaybeDefault(...args);
  if (node.type === "AssignmentPattern" &&
    node.typeAnnotation && node.right.start < node.typeAnnotation.start)
    this.raise(node.typeAnnotation.start, TSErrors.TypeAnnotationAfterAssign);
  return node;
}
getTokenFromCode(code) {
  if (this.state.inType && (code === 62 || code === 60))
    return this.finishOp(types.relational, 1);
  else
    return super.getTokenFromCode(code);
}

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return super.getTokenFromCode(code);\n  }\n }\n\n reScan_lt_gt() {\n  if (this.match(types.relational)) {\n
const code = this.input.charCodeAt(this.state.start);\n\n  if (code === 60 || code === 62) {\n    this.state.pos -=
1;\n    this.readToken_lt_gt(code);\n    }\n }\n\n toAssignableList(exprList) {\n  for (let i = 0; i <
exprList.length; i++) {\n    const expr = exprList[i];\n    if (!expr) continue;\n\n    switch (expr.type) {\n      case
\'TSTypeCastExpression\':\n        exprList[i] = this.typeCastToParameter(expr);\n        break;\n\n      case
\'TSAExpression\':\n        case \'TSTypeAssertion\':\n          if (!this.state.maybeInArrowParameters) {\n
exprList[i] = this.typeCastToParameter(expr);\n          } else {\n            this.raise(expr.start,
TSErrors.UnexpectedTypeCastInParameter);\n          }\n\n          break;\n        }\n\n      }\n\n    return
super.toAssignableList(...arguments);\n  }\n\n typeCastToParameter(node) {\n  node.expression.typeAnnotation =
node.typeAnnotation;\n  this.resetEndLocation(node.expression, node.typeAnnotation.end,
node.typeAnnotation.loc.end);\n  return node.expression;\n }\n\n shouldParseArrow() {\n  return
this.match(types.colon) || super.shouldParseArrow();\n }\n\n shouldParseAsyncArrow() {\n  return
this.match(types.colon) || super.shouldParseAsyncArrow();\n }\n\n canHaveLeadingDecorator() {\n  return
super.canHaveLeadingDecorator() || this.isAbstractClass();\n }\n\n jsxParseOpeningElementAfterName(node) {\n
if (this.isRelational("<")) {\n  const typeArguments = this.tsTryParseAndCatch(() =>
this.tsParseTypeArguments());\n  if (typeArguments) node.typeParameters = typeArguments;\n }\n\n return
super.jsxParseOpeningElementAfterName(node);\n }\n\n getGetterSetterExpectedParamCount(method) {\n  const
baseCount = super.getGetterSetterExpectedParamCount(method);\n  const firstParam = method.params[0];\n
const hasContextParam = firstParam && firstParam.type === \'Identifier\' && firstParam.name === \'this\';\n
return hasContextParam ? baseCount + 1 : baseCount;\n }\n\n parseCatchClauseParam() {\n  const param =
super.parseCatchClauseParam();\n  const type = this.tsTryParseTypeAnnotation();\n  if (type) {\n
param.typeAnnotation = type;\n  this.resetEndLocation(param);\n }\n\n return param;\n }\n\n
tsInDeclareContext(cb) {\n  const oldIsDeclareContext = this.state.isDeclareContext;\n
this.state.isDeclareContext = true;\n\n  try {\n    return cb();\n  } finally {\n    this.state.isDeclareContext =
oldIsDeclareContext;\n  }\n }\n\n types.placeholder = new TokenType(\'%%\', {\n  startsExpr:
true\n});\n\nvar placeholders = (superClass => class extends superClass {\n  parsePlaceholder(expectedNode) {\n
if (this.match(types.placeholder)) {\n    const node = this.startNode();\n    this.next();\n
this.assertNoSpace(\'Unexpected space in placeholder.\');\n    node.name = super.parseIdentifier(true);\n
this.assertNoSpace(\'Unexpected space in placeholder.\');\n    this.expect(types.placeholder);\n    return
this.finishPlaceholder(node, expectedNode);\n  }\n }\n\n finishPlaceholder(node, expectedNode) {\n  const
isFinished = !(node.expectedNode && node.type === \'Placeholder\');\n  node.expectedNode = expectedNode;\n
return isFinished ? node : this.finishNode(node, \'Placeholder\');\n }\n\n getTokenFromCode(code) {\n  if (code
=== 37 && this.input.charCodeAt(this.state.pos + 1) === 37) {\n    return this.finishOp(types.placeholder, 2);\n
}\n\n  return super.getTokenFromCode(...arguments);\n }\n\n parseExprAtom() {\n  return
this.parsePlaceholder(\'Expression\') || super.parseExprAtom(...arguments);\n }\n\n parseIdentifier() {\n  return
this.parsePlaceholder(\'Identifier\') || super.parseIdentifier(...arguments);\n }\n\n checkReservedWord(word) {\n
if (word !== undefined) super.checkReservedWord(...arguments);\n }\n\n parseBindingAtom() {\n  return
this.parsePlaceholder(\'Pattern\') || super.parseBindingAtom(...arguments);\n }\n\n checkLVal(expr) {\n  if
(expr.type !== \'Placeholder\') super.checkLVal(...arguments);\n }\n\n toAssignable(node) {\n  if (node &&
node.type === \'Placeholder\' && node.expectedNode === \'Expression\') {\n    node.expectedNode =
\'Pattern\';\n    return node;\n  }\n\n  return super.toAssignable(...arguments);\n }\n\n
verifyBreakContinue(node) {\n  if (node.label && node.label.type === \'Placeholder\') return;\n
super.verifyBreakContinue(...arguments);\n }\n\n parseExpressionStatement(node, expr) {\n  if (expr.type !==
\'Placeholder\' || expr.extra && expr.extra.parenthesized) {\n    return
super.parseExpressionStatement(...arguments);\n  }\n\n  if (this.match(types.colon)) {\n    const stmt = node;\n
stmt.label = this.finishPlaceholder(expr, \'Identifier\');\n    this.next();\n    stmt.body =
this.parseStatement(\'label\');\n    return this.finishNode(stmt, \'LabeledStatement\');\n  }\n\n  this.semicolon();\n  node.name = expr.name;\n  return this.finishPlaceholder(node, \'Statement\');\n }\n\n

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parseBlock() {\n  return this.parsePlaceholder("BlockStatement") || super.parseBlock(...arguments);\n }\n\nparseFunctionId() {\n  return this.parsePlaceholder("Identifier") || super.parseFunctionId(...arguments);\n }\n\nparseClass(node, isStatement, optionalId) {\n  const type = isStatement ? "ClassDeclaration" :\n  "ClassExpression";\n  this.next();\n  this.takeDecorators(node);\n  const oldStrict = this.state.strict;\n  const\n  placeholder = this.parsePlaceholder("Identifier");\n  if (placeholder) {\n    if (this.match(types._extends) ||\n    this.match(types.placeholder) || this.match(types.braceL)) {\n      node.id = placeholder;\n    } else if (optionalId ||\n    !isStatement) {\n      node.id = null;\n      node.body = this.finishPlaceholder(placeholder, "ClassBody");\n    }\n    return this.finishNode(node, type);\n  } else {\n    this.unexpected(null, "A class name is required");\n  }\n}\n\n} else {\n  this.parseClassId(node, isStatement, optionalId);\n }\n\nthis.parseClassSuper(node);\n node.body\n= this.parsePlaceholder("ClassBody") || this.parseClassBody(!node.superClass, oldStrict);\n return\nthis.finishNode(node, type);\n }\n\n\nparseExport(node) {\n  const placeholder =\n  this.parsePlaceholder("Identifier");\n  if (!placeholder) return super.parseExport(...arguments);\n\n  if\n  (!this.isContextual("from") && !this.match(types.comma)) {\n    node.specifiers = [];\n    node.source = null;\n    node.declaration = this.finishPlaceholder(placeholder, "Declaration");\n    return this.finishNode(node,\n  "ExportNamedDeclaration");\n  }\n\n  this.expectPlugin("exportDefaultFrom");\n  const specifier =\n  this.startNode();\n  specifier.exported = placeholder;\n  node.specifiers = [this.finishNode(specifier,\n  "ExportDefaultSpecifier");\n  ]\n  return super.parseExport(node);\n }\n\n\nisExportDefaultSpecifier() {\n  if\n  (this.match(types._default)) {\n    const next = this.nextTokenStart();\n    if (this.isUnparsedContextual(next,\n  "from")) {\n      if (this.input.startsWith(types.placeholder.label, this.nextTokenStartSince(next + 4))) {\n        return true;\n      }\n    }\n  }\n  return super.isExportDefaultSpecifier();\n }\n\n\nmaybeParseExportDefaultSpecifier(node) {\n  if (node.specifiers && node.specifiers.length > 0) {\n    return\n  true;\n  }\n  return super.maybeParseExportDefaultSpecifier(...arguments);\n }\n\n\ncheckExport(node) {\n  const {\n    specifiers\n  } = node;\n  if (specifiers == null ? void 0 : specifiers.length) {\n    node.specifiers =\n  specifiers.filter(node => node.exported.type === "Placeholder");\n  }\n  super.checkExport(node);\n  node.specifiers = specifiers;\n }\n\n\nparseImport(node) {\n  const placeholder =\n  this.parsePlaceholder("Identifier");\n  if (!placeholder) return super.parseImport(...arguments);\n  node.specifiers\n= [];\n  if (!this.isContextual("from") && !this.match(types.comma)) {\n    node.source =\n  this.finishPlaceholder(placeholder, "StringLiteral");\n    this.semicolon();\n    return this.finishNode(node,\n  "ImportDeclaration");\n  }\n\n  const specifier = this.startNodeAtNode(placeholder);\n  specifier.local =\n  placeholder;\n  this.finishNode(specifier, "ImportDefaultSpecifier");\n  node.specifiers.push(specifier);\n\n  if\n  (this.eat(types.comma)) {\n    const hasStarImport = this.maybeParseStarImportSpecifier(node);\n    if\n    (!hasStarImport) this.parseNamedImportSpecifiers(node);\n  }\n\n  this.expectContextual("from");\n  node.source = this.parseImportSource();\n  this.semicolon();\n  return this.finishNode(node,\n  "ImportDeclaration");\n }\n\n\nparseImportSource() {\n  return this.parsePlaceholder("StringLiteral") ||\n  super.parseImportSource(...arguments);\n }\n\n\n\nv8Intrinsic = (superClass => class extends superClass {\n  parseV8Intrinsic() {\n    if (this.match(types.modulo)) {\n      const v8IntrinsicStart = this.state.start;\n      const node\n      = this.startNode();\n      this.eat(types.modulo);\n\n      if (this.match(types.name)) {\n        const name =\n        this.parseIdentifierName(this.state.start);\n        const identifier = this.createIdentifier(node, name);\n        identifier.type = "V8IntrinsicIdentifier";\n\n        if (this.match(types.parenL)) {\n          return identifier;\n        }\n      }\n      this.unexpected(v8IntrinsicStart);\n    }\n  }\n\n  parseExprAtom() {\n    return this.parseV8Intrinsic() ||\n    super.parseExprAtom(...arguments);\n  }\n\n\nfunction hasPlugin(plugings, name) {\n  return\n  plugings.some(plugin => {\n    if (Array.isArray(plugin)) {\n      return plugin[0] === name;\n    } else {\n      return\n    plugin === name;\n    }\n  });\n}\n\nfunction getPluginOption(plugings, name, option) {\n  const plugin =\n  plugings.find(plugin => {\n    if (Array.isArray(plugin)) {\n      return plugin[0] === name;\n    } else {\n      return\n    plugin === name;\n    }\n  });\n  if (plugin && Array.isArray(plugin)) {\n    return plugin[1][option];\n  }\n  return\n  null;\n}\n\nconst PIPELINE_PROPOSALS = ["minimal", "smart", "fsharp"]; \nconst\n  RECORD_AND_TUPLE_SYNTAX_TYPES = ["hash", "bar"]; \nfunction validatePlugins(plugings) {\n  if\n  (hasPlugin(plugings, "decorators")) {\n    if (hasPlugin(plugings, "decorators-legacy")) {\n      throw new

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Error(\`Cannot use the decorators and decorators-legacy plugin together\`);\n } \n\n const
decoratorsBeforeExport = getPluginOption(plugins, \`decorators\`, \`decoratorsBeforeExport\`);\n\n if
(decoratorsBeforeExport == null) {\n   throw new Error(\`The 'decorators' plugin requires a
'decoratorsBeforeExport' option,\` + \` whose value must be a boolean. If you are migrating from\` + \`
Babylon/Babel 6 or want to use the old decorators proposal, you\` + \` should use the 'decorators-legacy' plugin
instead of 'decorators'.\`);\n } else if (typeof decoratorsBeforeExport !== \`boolean\`) {\n   throw new
Error(\`'decoratorsBeforeExport' must be a boolean.\`);\n } \n\n\n if (hasPlugin(plugins, \`flow\`) &&
hasPlugin(plugins, \`typescript\`)) {\n   throw new Error(\`Cannot combine flow and typescript plugins.\`);\n } \n\n
if (hasPlugin(plugins, \`placeholders\`) && hasPlugin(plugins, \`v8intrinsic\`)) {\n   throw new Error(\`Cannot
combine placeholders and v8intrinsic plugins.\`);\n } \n\n\n if (hasPlugin(plugins, \`pipelineOperator\`) &&
!PIPELINE_PROPOSALS.includes(getPluginOption(plugins, \`pipelineOperator\`, \`proposal\`))) {\n   throw new
Error(\`'pipelineOperator' requires 'proposal' option whose value should be one of: \` +
PIPELINE_PROPOSALS.map(p => \`${p}\`).join(\`, \`));\n } \n\n\n if (hasPlugin(plugins, \`moduleAttributes\`)) {\n
if (hasPlugin(plugins, \`importAssertions\`)) {\n   throw new Error(\`Cannot combine importAssertions and
moduleAttributes plugins.\`);\n } \n\n\n const moduleAttributesVersionPluginOption = getPluginOption(plugins,
\`moduleAttributes\`, \`version\`);\n\n if (moduleAttributesVersionPluginOption !== \`may-2020\`) {\n   throw
new Error(\`The 'moduleAttributes' plugin requires a 'version' option,\` + \` representing the last proposal update.
Currently, the\` + \` only supported value is 'may-2020'.\`);\n } \n\n\n\n if (hasPlugin(plugins,
\`recordAndTuple\`) && !RECORD_AND_TUPLE_SYNTAX_TYPES.includes(getPluginOption(plugins,
\`recordAndTuple\`, \`syntaxType\`))) {\n   throw new Error(\`'recordAndTuple' requires 'syntaxType' option
whose value should be one of: \` + RECORD_AND_TUPLE_SYNTAX_TYPES.map(p => \`${p}\`).join(\`, \`));\n } \n\n\n
}\n\n\nconst mixinPlugins = {\n  estree,\n  jsx,\n  flow,\n  typescript,\n  v8intrinsic,\n  placeholders\n};\nconst
mixinPluginNames = Object.keys(mixinPlugins);\n\nconst defaultOptions = {\n  sourceType: \`script\`,\n  sourceFilename: undefined,\n  startLine: 1,\n  allowAwaitOutsideFunction: false,\n  allowReturnOutsideFunction:
false,\n  allowImportExportEverywhere: false,\n  allowSuperOutsideMethod: false,\n  allowUndeclaredExports:
false,\n  plugins: [],\n  strictMode: null,\n  ranges: false,\n  tokens: false,\n  createParenthesizedExpressions: false,\n
errorRecovery: false\n};\n\nfunction getOptions(opts) {\n  const options = {};\n\n  for (let _i = 0, _Object$keys =
Object.keys(defaultOptions); _i < _Object$keys.length; _i++) {\n    const key = _Object$keys[_i];\n    options[key]
= opts && opts[key] != null ? opts[key] : defaultOptions[key];\n  }\n\n  return options;\n}\n\n\nclass State {\n
  constructor() {\n    this.strict = void 0;\n    this.curLine = void 0;\n    this.startLoc = void 0;\n    this.endLoc = void
0;\n    this.errors = [];\n    this.potentialArrowAt = -1;\n    this.noArrowAt = [];\n\n    this.noArrowParamsConversionAt = [];\n    this.maybeInArrowParameters = false;\n    this.inPipeline = false;\n\n    this.inType = false;\n    this.noAnonFunctionType = false;\n    this.inPropertyName = false;\n\n    this.hasFlowComment = false;\n    this.isIterator = false;\n    this.isDeclareContext = false;\n    this.topicContext =
{\n      maxNumOfResolvableTopics: 0,\n      maxTopicIndex: null\n    };\n    this.soloAwait = false;\n\n    this.inFSharpPipelineDirectBody = false;\n    this.labels = [];\n    this.decoratorStack = [[]];\n    this.comments =
[];\n    this.trailingComments = [];\n    this.leadingComments = [];\n    this.commentStack = [];\n\n    this.commentPreviousNode = null;\n    this.pos = 0;\n    this.lineStart = 0;\n    this.type = types.eof;\n    this.value =
null;\n    this.start = 0;\n    this.end = 0;\n    this.lastTokEndLoc = null;\n    this.lastTokStartLoc = null;\n\n    this.lastTokStart = 0;\n    this.lastTokEnd = 0;\n    this.context = [types.$1.braceStatement];\n    this.exprAllowed =
true;\n    this.containsEsc = false;\n    this.octalPositions = [];\n    this.exportedIdentifiers = [];\n    this.tokensLength
= 0;\n  }\n\n  init(options) {\n    this.strict = options.strictMode === false ? false : options.sourceType ===
\`module\`;\n    this.curLine = options.startLine;\n    this.startLoc = this.endLoc = this.curPosition();\n  }\n\n  curPosition() {\n    return new Position(this.curLine, this.pos - this.lineStart);\n  }\n\n  clone(skipArrays) {\n    const
state = new State();\n    const keys = Object.keys(this);\n\n    for (let i = 0, length = keys.length; i < length; i++) {\n
      const key = keys[i];\n      let val = this[key];\n\n      if (!skipArrays && Array.isArray(val)) {\n        val =
val.slice();\n      }\n\n      state[key] = val;\n    }\n\n    return state;\n  }\n\n  nvar_isDigit = function isDigit(code)
{\n    return code >= 48 && code <= 57;\n  };\n\n  const VALID_REGEX_FLAGS = new Set([\`g\`, \`m\`, \`s\`, \`i\`,

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\'y\', \'u\');\nconst forbiddenNumericSeparatorSiblings = {\n  decBinOct: [46, 66, 69, 79, 95, 98, 101, 111],\n  hex: [46, 88, 95, 120]\n};\nconst allowedNumericSeparatorSiblings = {};\n\nallowedNumericSeparatorSiblings.bin = [48, 49];\n\nallowedNumericSeparatorSiblings.oct = [...allowedNumericSeparatorSiblings.bin, 50, 51, 52, 53, 54, 55];\n\nallowedNumericSeparatorSiblings.dec = [...allowedNumericSeparatorSiblings.oct, 56, 57];\n\nallowedNumericSeparatorSiblings.hex = [...allowedNumericSeparatorSiblings.dec, 65, 66, 67, 68, 69, 70, 97, 98, 99, 100, 101, 102];\n\nclass Token {\n  constructor(state) {\n    this.type = state.type;\n    this.value = state.value;\n    this.start = state.start;\n    this.end = state.end;\n    this.loc = new SourceLocation(state.startLoc, state.endLoc);\n  }\n}\n\nclass Tokenizer extends ParserError {\n  constructor(options, input) {\n    super();\n    this.isLookahead = void 0;\n    this.tokens = [];\n    this.state = new State();\n    this.state.init(options);\n    this.input = input;\n    this.length = input.length;\n    this.isLookahead = false;\n  }\n\n  pushToken(token) {\n    this.tokens.length = this.state.tokensLength;\n    this.tokens.push(token);\n    ++this.state.tokensLength;\n  }\n\n  next() {\n    if (!this.isLookahead) {\n      this.checkKeywordEscapes();\n\n      if (this.options.tokens) {\n        this.pushToken(new Token(this.state));\n      }\n\n      this.state.lastTokEnd = this.state.end;\n      this.state.lastTokStart = this.state.start;\n      this.state.lastTokEndLoc = this.state.endLoc;\n      this.state.lastTokStartLoc = this.state.startLoc;\n      this.nextToken();\n    }\n\n    eat(type) {\n      if (this.match(type)) {\n        this.next();\n        return true;\n      } else {\n        return false;\n      }\n    }\n\n    match(type) {\n      return this.state.type === type;\n    }\n\n    lookahead() {\n      const old = this.state;\n      this.state = old.clone(true);\n      this.isLookahead = true;\n      this.next();\n      this.isLookahead = false;\n      const curr = this.state;\n      this.state = old;\n      return curr;\n    }\n\n    nextTokenStart() {\n      return this.nextTokenStartSince(this.state.pos);\n    }\n\n    nextTokenStartSince(pos) {\n      skipWhiteSpace.lastIndex = pos;\n      const skip = skipWhiteSpace.exec(this.input);\n      return pos + skip[0].length;\n    }\n\n    lookaheadCharCode() {\n      return this.input.charCodeAtAt(this.nextTokenStart());\n    }\n\n    setStrict(strict) {\n      this.state.strict = strict;\n      if (!this.match(types.num) && !this.match(types.string)) return;\n      this.state.pos = this.state.start;\n\n      while (this.state.pos < this.state.lineStart) {\n        this.state.lineStart = this.input.lastIndexOf("\\n", this.state.lineStart - 2) + 1;\n        --this.state.curLine;\n      }\n      this.nextToken();\n    }\n\n    curContext() {\n      return this.state.context[this.state.context.length - 1];\n    }\n\n    nextToken() {\n      const curContext = this.curContext();\n      if (!curContext == null ? void 0 : curContext.preserveSpace)\n        this.skipSpace();\n      this.state.octalPositions = [];\n      this.state.start = this.state.pos;\n      this.state.startLoc = this.state.curPosition();\n\n      if (this.state.pos >= this.length) {\n        this.finishToken(types.eof);\n        return;\n      }\n\n      const override = curContext == null ? void 0 : curContext.override;\n      if (override) {\n        override(this);\n      } else {\n        this.getTokenFromCode(this.input.codePointAt(this.state.pos));\n      }\n    }\n\n    pushComment(block, text, start, end, startLoc, endLoc) {\n      const comment = {\n        type: block ? \"CommentBlock\" : \"CommentLine\",\n        value: text,\n        start: start,\n        end: end,\n        loc: new SourceLocation(startLoc, endLoc)\n      }; \n      if (this.options.tokens) this.pushToken(comment);\n      this.state.comments.push(comment);\n      this.addComment(comment);\n    }\n\n    skipBlockComment() {\n      const startLoc = this.state.curPosition();\n      const start = this.state.pos;\n      const end = this.input.indexOf(\"*\", this.state.pos + 2);\n      if (end === -1) throw this.raise(start, ErrorMessages.UnterminatedComment);\n      this.state.pos = end + 2;\n      lineBreakG.lastIndex = start;\n      let match;\n      while ((match = lineBreakG.exec(this.input)) && match.index < this.state.pos) {\n        ++this.state.curLine;\n        this.state.lineStart = match.index + match[0].length;\n      }\n\n      if (this.isLookahead) return;\n      this.pushComment(true, this.input.slice(start + 2, end), start, this.state.pos, startLoc, this.state.curPosition());\n    }\n\n    skipLineComment(startSkip) {\n      const start = this.state.pos;\n      const startLoc = this.state.curPosition();\n      let ch = this.input.charCodeAtAt(this.state.pos += startSkip);\n      if (this.state.pos < this.length) {\n        while (!isNewLine(ch) && ++this.state.pos < this.length) {\n          ch = this.input.charCodeAtAt(this.state.pos);\n        }\n      }\n\n      if (this.isLookahead) return;\n      this.pushComment(false, this.input.slice(start + startSkip, this.state.pos), start, this.state.pos, startLoc, this.state.curPosition());\n    }\n\n    skipSpace() {\n      loop: while (this.state.pos < this.length) {\n        const ch = this.input.charCodeAtAt(this.state.pos);\n        switch (ch) {\n          case 32:\n          case 160:\n          case 9:\n            ++this.state.pos;\n            break;\n          case 13:\n            if (this.input.charCodeAtAt(this.state.pos + 1) === 10) {\n              ++this.state.pos;\n            }\n          case 10:\n          case

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8232:\n      case 8233:\n          ++this.state.pos;\n          ++this.state.curLine;\n          this.state.lineStart =
this.state.pos;\n          break;\n\n      case 47:\n          switch (this.input.charCodeAt(this.state.pos + 1)) {\n
case 42:\n            this.skipBlockComment();\n            break;\n\n            case 47:\n
this.skipLineComment(2);\n            break;\n\n            default:\n                break loop;\n            }\n\n            break;\n\n            default:\n                if (isWhitespace(ch)) {\n                    ++this.state.pos;\n                } else {\n                    break loop;\n                }\n            }\n        }\n    }\n\n    finishToken(type, val) {\n        this.state.end = this.state.pos;\n        this.state.endLoc =
this.state.curPosition();\n        const prevType = this.state.type;\n        this.state.type = type;\n        this.state.value = val;\n        if (!this.isLookahead) this.updateContext(prevType);\n    }\n\n    readToken_numberSign() {\n        if (this.state.pos ===
0 && this.readToken_interpreter()) {\n            return;\n        }\n\n        const nextPos = this.state.pos + 1;\n        const next =
this.input.charCodeAt(nextPos);\n\n        if (next >= 48 && next <= 57) {\n            throw this.raise(this.state.pos,
ErrorMessage.UnexpectedDigitAfterHash);\n        }\n\n        if (next === 123 || next === 91 &&
this.hasPlugin("recordAndTuple")) {\n            this.expectPlugin("recordAndTuple");\n            if
(this.getPluginOption("recordAndTuple", "syntaxType") !== "hash") {\n                throw this.raise(this.state.pos, next
=== 123 ? ErrorMessage.RecordExpressionHashIncorrectStartSyntaxType :
ErrorMessage.TupleExpressionHashIncorrectStartSyntaxType);\n            }\n\n            if (next === 123) {\n
this.finishToken(types.braceHashL);\n            } else {\n                this.finishToken(types.bracketHashL);\n            }\n\n
this.state.pos += 2;\n        } else {\n            this.finishOp(types.hash, 1);\n        }\n    }\n\n    readToken_dot() {\n        const next =
this.input.charCodeAt(this.state.pos + 1);\n\n        if (next >= 48 && next <= 57) {\n            this.readNumber(true);\n
return;\n        }\n\n        if (next === 46 && this.input.charCodeAt(this.state.pos + 2) === 46) {\n            this.state.pos += 3;\n
this.finishToken(types.ellipsis);\n        } else {\n            ++this.state.pos;\n            this.finishToken(types.dot);\n        }\n    }\n\n
readToken_slash() {\n        if (this.state.exprAllowed && !this.state.inType) {\n            ++this.state.pos;\n
this.readRegexp();\n            return;\n        }\n\n        const next = this.input.charCodeAt(this.state.pos + 1);\n\n        if (next ===
61) {\n            this.finishOp(types.assign, 2);\n        } else {\n            this.finishOp(types.slash, 1);\n        }\n    }\n\n
readToken_interpreter() {\n        if (this.state.pos !== 0 || this.length < 2) return false;\n        let ch =
this.input.charCodeAt(this.state.pos + 1);\n        if (ch !== 33) return false;\n        const start = this.state.pos;\n
this.state.pos += 1;\n\n        while (!isNewLine(ch) && ++this.state.pos < this.length) {\n            ch =
this.input.charCodeAt(this.state.pos);\n        }\n\n        const value = this.input.slice(start + 2, this.state.pos);\n
this.finishToken(types.interpreterDirective, value);\n        return true;\n    }\n\n    readToken_mult_modulo(code) {\n        let
type = code === 42 ? types.star : types.modulo;\n        let width = 1;\n        let next = this.input.charCodeAt(this.state.pos
+ 1);\n        const exprAllowed = this.state.exprAllowed;\n\n        if (code === 42 && next === 42) {\n            width++;\n
next = this.input.charCodeAt(this.state.pos + 2);\n            type = types.exponent;\n        }\n\n        if (next === 61 &&
!exprAllowed) {\n            width++;\n            type = types.assign;\n        }\n\n        this.finishOp(type, width);\n    }\n\n
readToken_pipe_amp(code) {\n        const next = this.input.charCodeAt(this.state.pos + 1);\n\n        if (next === code)
{\n            if (this.input.charCodeAt(this.state.pos + 2) === 61) {\n                this.finishOp(types.assign, 3);\n            }
else {\n                this.finishOp(code === 124 ? types.logicalOR : types.logicalAND, 2);\n            }\n\n            return;\n        }\n\n
if (code === 124) {\n            if (next === 62) {\n                this.finishOp(types.pipeline, 2);\n                return;\n            }\n
            if
(this.hasPlugin("recordAndTuple") && next === 125) {\n                if (this.getPluginOption("recordAndTuple",
"syntaxType") !== "bar") {\n                    throw this.raise(this.state.pos,
ErrorMessage.RecordExpressionBarIncorrectEndSyntaxType);\n                }\n\n                this.finishOp(types.braceBarR,
2);\n                return;\n            }\n\n            if (this.hasPlugin("recordAndTuple") && next === 93) {\n                if
(this.getPluginOption("recordAndTuple", "syntaxType") !== "bar") {\n                    throw this.raise(this.state.pos,
ErrorMessage.TupleExpressionBarIncorrectEndSyntaxType);\n                }\n\n                this.finishOp(types.bracketBarR,
2);\n                return;\n            }\n        }\n\n        if (next === 61) {\n            this.finishOp(types.assign, 2);\n
return;\n        }\n\n        this.finishOp(code === 124 ? types.bitwiseOR : types.bitwiseAND, 1);\n    }\n\n    readToken_caret() {\n        const next
= this.input.charCodeAt(this.state.pos + 1);\n\n        if (next === 61) {\n            this.finishOp(types.assign, 2);\n        }
else {\n            this.finishOp(types.bitwiseXOR, 1);\n        }\n    }\n\n    readToken_plus_min(code) {\n        const next =
this.input.charCodeAt(this.state.pos + 1);\n\n        if (next === code) {\n            if (next === 45 && !this.inModule &&
this.input.charCodeAt(this.state.pos + 2) === 62 && (this.state.lastTokEnd === 0 || this.hasPrecedingLineBreak()))

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{\n    this.skipLineComment(3);\n    this.skipSpace();\n    this.nextToken();\n    return;\n }\n\nthis.finishOp(types.incDec, 2);\n return;\n }\n\n if (next === 61) {\n    this.finishOp(types.assign, 2);\n }
else {\n    this.finishOp(types.plusMin, 1);\n }\n }\n\n readToken_lt_gt(code) {\n    const next =
this.input.charCodeAt(this.state.pos + 1);\n    let size = 1;\n\n    if (next === code) {\n        size = code === 62 &&
this.input.charCodeAt(this.state.pos + 2) === 62 ? 3 : 2;\n\n        if (this.input.charCodeAt(this.state.pos + size) ===
61) {\n            this.finishOp(types.assign, size + 1);\n            return;\n        }\n\n        this.finishOp(types.bitShift, size);\n    return;\n }\n\n    if (next === 33 && code === 60 && !this.inModule && this.input.charCodeAt(this.state.pos +
2) === 45 && this.input.charCodeAt(this.state.pos + 3) === 45) {\n        this.skipLineComment(4);\n    this.skipSpace();\n    this.nextToken();\n    return;\n }\n\n    if (next === 61) {\n        size = 2;\n    }\n\n    this.finishOp(types.relational, size);\n }\n\n readToken_eq_excl(code) {\n    const next =
this.input.charCodeAt(this.state.pos + 1);\n\n    if (next === 61) {\n        this.finishOp(types.equality,
this.input.charCodeAt(this.state.pos + 2) === 61 ? 3 : 2);\n        return;\n    }\n\n    if (code === 61 && next === 62)
{\n        this.state.pos += 2;\n        this.finishToken(types.arrow);\n        return;\n    }\n\n    this.finishOp(code === 61 ?
types.eq : types.bang, 1);\n }\n\n readToken_question() {\n    const next = this.input.charCodeAt(this.state.pos +
1);\n    const next2 = this.input.charCodeAt(this.state.pos + 2);\n\n    if (next === 63) {\n        if (next2 === 61) {\n
this.finishOp(types.assign, 3);\n        } else {\n            this.finishOp(types.nullishCoalescing, 2);\n        }\n    } else if
(next === 46 && !(next2 >= 48 && next2 <= 57)) {\n        this.state.pos += 2;\n    this.finishToken(types.questionDot);\n    } else {\n        ++this.state.pos;\n        this.finishToken(types.question);\n    }\n }\n\n getTokenFromCode(code) {\n    switch (code) {\n    case 46:\n        this.readToken_dot();\n    return;\n\n    case 40:\n        ++this.state.pos;\n        this.finishToken(types.parenL);\n        return;\n\n    case 41:\n        ++this.state.pos;\n        this.finishToken(types.parenR);\n        return;\n\n    case 59:\n        ++this.state.pos;\n    this.finishToken(types.semi);\n        return;\n\n    case 44:\n        ++this.state.pos;\n    this.finishToken(types.comma);\n        return;\n\n    case 91:\n        if (this.hasPlugin(\"recordAndTuple\") &&
this.input.charCodeAt(this.state.pos + 1) === 124) {\n            if (this.getPluginOption(\"recordAndTuple\",
\"syntaxType\") !== \"bar\") {\n                throw this.raise(this.state.pos,
ErrorMessages.TupleExpressionBarIncorrectStartSyntaxType);\n            }\n\n            this.finishToken(types.bracketBarL);\n            this.state.pos += 2;\n        } else {\n            ++this.state.pos;\n        }\n\n            this.finishToken(types.bracketL);\n        }\n\n        return;\n\n    case 93:\n        ++this.state.pos;\n    this.finishToken(types.bracketR);\n        return;\n\n    case 123:\n        if (this.hasPlugin(\"recordAndTuple\") &&
this.input.charCodeAt(this.state.pos + 1) === 124) {\n            if (this.getPluginOption(\"recordAndTuple\",
\"syntaxType\") !== \"bar\") {\n                throw this.raise(this.state.pos,
ErrorMessages.RecordExpressionBarIncorrectStartSyntaxType);\n            }\n\n            this.finishToken(types.braceBarL);\n            this.state.pos += 2;\n        } else {\n            ++this.state.pos;\n        }\n\n            this.finishToken(types.braceL);\n        }\n\n        return;\n\n    case 125:\n        ++this.state.pos;\n    this.finishToken(types.braceR);\n        return;\n\n    case 58:\n        if (this.hasPlugin(\"functionBind\") &&
this.input.charCodeAt(this.state.pos + 1) === 58) {\n            this.finishOp(types.doubleColon, 2);\n        } else {\n            ++this.state.pos;\n            this.finishToken(types.colon);\n        }\n\n        return;\n\n    case 63:\n    this.readToken_question();\n        return;\n\n    case 96:\n        ++this.state.pos;\n    this.finishToken(types.backQuote);\n        return;\n\n    case 48:\n        {\n            const next =
this.input.charCodeAt(this.state.pos + 1);\n\n            if (next === 120 || next === 88) {\n
this.readRadixNumber(16);\n                return;\n            }\n\n            if (next === 111 || next === 79) {\n
this.readRadixNumber(8);\n                return;\n            }\n\n            if (next === 98 || next === 66) {\n
this.readRadixNumber(2);\n                return;\n            }\n        }\n\n    case 49:\n    case 50:\n    case 51:\n    case
52:\n    case 53:\n    case 54:\n    case 55:\n    case 56:\n    case 57:\n        this.readNumber(false);\n    return;\n\n    case 34:\n    case 39:\n        this.readString(code);\n        return;\n\n    case 47:\n
this.readToken_slash();\n        return;\n\n    case 37:\n    case 42:\n        this.readToken_mult_modulo(code);\n    return;\n\n    case 124:\n    case 38:\n        this.readToken_pipe_amp(code);\n        return;\n\n    case 94:\n
this.readToken_caret();\n        return;\n\n    case 43:\n    case 45:\n        this.readToken_plus_min(code);\n

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return;\n\n case 60:\n case 62:\n this.readToken_lt_gt(code);\n return;\n\n case 61:\n case 33:\n
this.readToken_eq_excl(code);\n return;\n\n case 126:\n this.finishOp(types.tilde, 1);\n
return;\n\n case 64:\n ++this.state.pos;\n this.finishToken(types.at);\n return;\n\n case 35:\n
this.readToken_numberSign();\n return;\n\n case 92:\n this.readWord();\n return;\n\n default:\n
if (isIdentifierStart(code)) {\n this.readWord();\n return;\n }\n\n throw
this.raise(this.state.pos, ErrorMessages.InvalidOrUnexpectedToken, String.fromCodePoint(code));\n }\n\n
finishOp(type, size) {\n const str = this.input.slice(this.state.pos, this.state.pos + size);\n this.state.pos += size;\n
this.finishToken(type, str);\n }\n\n readRegExp() {\n const start = this.state.pos;\n let escaped, inClass;\n for
(;;) {\n if (this.state.pos >= this.length) {\n throw this.raise(start, ErrorMessages.UnterminatedRegExp);\n
}\n\n const ch = this.input.charAt(this.state.pos);\n\n if (lineBreak.test(ch)) {\n throw this.raise(start,
ErrorMessages.UnterminatedRegExp);\n }\n\n if (escaped) {\n escaped = false;\n } else {\n if (ch
=== "\\[") {\n inClass = true;\n } else if (ch === "\\]" && inClass) {\n inClass = false;\n } else if
(ch === "\\^" && !inClass) {\n break;\n }\n\n escaped = ch === "\\|";\n }\n\n
++this.state.pos;\n }\n\n const content = this.input.slice(start, this.state.pos);\n ++this.state.pos;\n let mods =
"\n";\n\n while (this.state.pos < this.length) {\n const char = this.input[this.state.pos];\n const charCode =
this.input.codePointAt(this.state.pos);\n\n if (VALID_REGEX_FLAGS.has(char)) {\n if
(mods.indexOf(char) > -1) {\n this.raise(this.state.pos + 1, ErrorMessages.DuplicateRegExpFlags);\n }\n
} else if (isIdentifierChar(charCode) || charCode === 92) {\n this.raise(this.state.pos + 1,
ErrorMessages.MalformedRegExpFlags);\n } else {\n break;\n }\n\n ++this.state.pos;\n mods +=
char;\n }\n\n this.finishToken(types.regexp, {\n pattern: content,\n flags: mods\n });\n }\n\n
readInt(radix, len, forceLen, allowNumSeparator = true) {\n const start = this.state.pos;\n const
forbiddenSiblings = radix === 16 ? forbiddenNumericSeparatorSiblings.hex :
forbiddenNumericSeparatorSiblings.decBinOct;\n const allowedSiblings = radix === 16 ?
allowedNumericSeparatorSiblings.hex : radix === 10 ? allowedNumericSeparatorSiblings.dec : radix === 8 ?
allowedNumericSeparatorSiblings.oct : allowedNumericSeparatorSiblings.bin;\n let invalid = false;\n let total =
0;\n\n for (let i = 0, e = len == null ? Infinity : len; i < e; ++i) {\n const code =
this.input.charCodeAtAt(this.state.pos);\n let val;\n\n if (code === 95) {\n const prev =
this.input.charCodeAtAt(this.state.pos - 1);\n const next = this.input.charCodeAtAt(this.state.pos + 1);\n\n if
(allowedSiblings.indexOf(next) === -1) {\n this.raise(this.state.pos,
ErrorMessages.UnexpectedNumericSeparator);\n } else if (forbiddenSiblings.indexOf(prev) > -1 ||
forbiddenSiblings.indexOf(next) > -1 || Number.isNaN(next)) {\n this.raise(this.state.pos,
ErrorMessages.UnexpectedNumericSeparator);\n }\n\n if (!allowNumSeparator) {\n
this.raise(this.state.pos, ErrorMessages.NumericSeparatorInEscapeSequence);\n }\n\n ++this.state.pos;\n
continue;\n }\n\n if (code >= 97) {\n val = code - 97 + 10;\n } else if (code >= 65) {\n val = code
- 65 + 10;\n } else if (_isDigit(code)) {\n val = code - 48;\n } else {\n val = Infinity;\n }\n\n if
(val >= radix) {\n if (this.options.errorRecovery && val <= 9) {\n val = 0;\n this.raise(this.state.start
+ i + 2, ErrorMessages.InvalidDigit, radix);\n } else if (forceLen) {\n val = 0;\n invalid = true;\n
} else {\n break;\n }\n }\n\n ++this.state.pos;\n total = total * radix + val;\n }\n\n if
(this.state.pos === start || len != null && this.state.pos - start !== len || invalid) {\n return null;\n }\n\n return
total;\n }\n\n readRadixNumber(radix) {\n const start = this.state.pos;\n let isBigInt = false;\n this.state.pos
+= 2;\n const val = this.readInt(radix);\n\n if (val == null) {\n this.raise(this.state.start + 2,
ErrorMessages.InvalidDigit, radix);\n }\n\n const next = this.input.charCodeAtAt(this.state.pos);\n\n if (next ===
110) {\n ++this.state.pos;\n isBigInt = true;\n } else if (next === 109) {\n throw this.raise(start,
ErrorMessages.InvalidDecimal);\n }\n\n if (isIdentifierStart(this.input.codePointAt(this.state.pos))) {\n throw
this.raise(this.state.pos, ErrorMessages.NumberIdentifier);\n }\n\n if (isBigInt) {\n const str =
this.input.slice(start, this.state.pos).replace(/[_n]/g, "\\n");\n this.finishToken(types.bigint, str);\n return;\n
}\n\n this.finishToken(types.num, val);\n }\n\n readNumber(startsWithDot) {\n const start = this.state.pos;\n
let isFloat = false;\n let isBigInt = false;\n let isDecimal = false;\n let hasExponent = false;\n let isOctal =

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false;\n\n if (!startsWithDot && this.readInt(10) === null) {\n    this.raise(start,
ErrorMessages.InvalidNumber);\n  }\n\n  const hasLeadingZero = this.state.pos - start >= 2 &&
this.input.charCodeAtAt(start) === 48;\n\n  if (hasLeadingZero) {\n    const integer = this.input.slice(start,
this.state.pos);\n\n    if (this.state.strict) {\n      this.raise(start, ErrorMessages.StrictOctalLiteral);\n    } else {\n      const underscorePos = integer.indexOf("_");\n\n      if (underscorePos > 0) {\n        this.raise(underscorePos +
start, ErrorMessages.ZeroDigitNumericSeparator);\n      }\n    }\n\n    isOctal = hasLeadingZero &&
!/[89]/.test(integer);\n  }\n\n  let next = this.input.charCodeAtAt(this.state.pos);\n\n  if (next === 46 && !isOctal)
{\n    ++this.state.pos;\n    this.readInt(10);\n    isFloat = true;\n    next = this.input.charCodeAtAt(this.state.pos);\n  }\n\n  if ((next === 69 || next === 101) && !isOctal) {\n    next = this.input.charCodeAtAt(++this.state.pos);\n  }\n\n  if (next === 43 || next === 45) {\n    ++this.state.pos;\n  }\n\n  if (this.readInt(10) === null) {\n
this.raise(start, ErrorMessages.InvalidOrMissingExponent);\n  }\n\n  isFloat = true;\n  hasExponent = true;\n\n  next = this.input.charCodeAtAt(this.state.pos);\n  }\n\n  if (next === 110) {\n    if (isFloat || hasLeadingZero) {\n
this.raise(start, ErrorMessages.InvalidBigIntLiteral);\n    }\n\n    ++this.state.pos;\n    isBigInt = true;\n  }\n\n  if (next === 109) {\n    this.expectPlugin("decimal", this.state.pos);\n    if (hasExponent ||
hasLeadingZero) {\n      this.raise(start, ErrorMessages.InvalidDecimal);\n    }\n\n    ++this.state.pos;\n    isDecimal = true;\n  }\n\n  if (isIdentifierStart(this.input.codePointAt(this.state.pos))) {\n    throw
this.raise(this.state.pos, ErrorMessages.NumberIdentifier);\n  }\n\n  const str = this.input.slice(start,
this.state.pos).replace(/[_mn]/g, "\\");\n\n  if (isBigInt) {\n    this.finishToken(types.bigint, str);\n    return;\n  }\n\n  if (isDecimal) {\n    this.finishToken(types.decimal, str);\n    return;\n  }\n\n  const val = isOctal ?
parseInt(str, 8) : parseFloat(str);\n  this.finishToken(types.num, val);\n  }\n\n  readCodePoint(throwOnInvalid) {\n
const ch = this.input.charCodeAtAt(this.state.pos);\n  let code;\n\n  if (ch === 123) {\n    const codePos =
++this.state.pos;\n    code = this.readHexChar(this.input.indexOf("\\", this.state.pos) - this.state.pos, true,
throwOnInvalid);\n    ++this.state.pos;\n\n    if (code !== null && code > 0x10ffff) {\n      if (throwOnInvalid)
{\n        this.raise(codePos, ErrorMessages.InvalidCodePoint);\n      } else {\n        return null;\n      }\n    }\n  }
else {\n    code = this.readHexChar(4, false, throwOnInvalid);\n  }\n\n  return code;\n  }\n\n  readString(quote)
{\n    let out = "\\",\n    chunkStart = ++this.state.pos;\n\n    for (;;) {\n      if (this.state.pos >= this.length) {\n
throw this.raise(this.state.start, ErrorMessages.UnterminatedString);\n      }\n\n      const ch =
this.input.charCodeAtAt(this.state.pos);\n      if (ch === quote) break;\n      if (ch === 92) {\n        out +=
this.input.slice(chunkStart, this.state.pos);\n        out += this.readEscapedChar(false);\n        chunkStart =
this.state.pos;\n      } else if (ch === 8232 || ch === 8233) {\n        ++this.state.pos;\n        ++this.state.curLine;\n
this.state.lineStart = this.state.pos;\n      } else if (isNewLine(ch)) {\n        throw this.raise(this.state.start,
ErrorMessages.UnterminatedString);\n      } else {\n        ++this.state.pos;\n      }\n    }\n\n    out +=
this.input.slice(chunkStart, this.state.pos++);\n    this.finishToken(types.string, out);\n  }\n\n  readTplToken() {\n
let out = "\\",\n    chunkStart = this.state.pos,\n    containsInvalid = false;\n\n    for (;;) {\n      if (this.state.pos
>= this.length) {\n        throw this.raise(this.state.start, ErrorMessages.UnterminatedTemplate);\n      }\n\n      const
ch = this.input.charCodeAtAt(this.state.pos);\n      if (ch === 96 || ch === 36 && this.input.charCodeAtAt(this.state.pos
+ 1) === 123) {\n        if (this.state.pos === this.state.start && this.match(types.template)) {\n          if (ch === 36)
{\n            this.state.pos += 2;\n            this.finishToken(types.dollarBraceL);\n            return;\n          } else {\n
++this.state.pos;\n            this.finishToken(types.backQuote);\n            return;\n          }\n        }\n\n        out +=
this.input.slice(chunkStart, this.state.pos);\n        this.finishToken(types.template, containsInvalid ? null : out);\n
return;\n      }\n\n      if (ch === 92) {\n        out += this.input.slice(chunkStart, this.state.pos);\n        const escaped =
this.readEscapedChar(true);\n\n        if (escaped === null) {\n          containsInvalid = true;\n        } else {\n          out
+= escaped;\n        }\n\n        chunkStart = this.state.pos;\n      } else if (isNewLine(ch)) {\n        out +=
this.input.slice(chunkStart, this.state.pos);\n        ++this.state.pos;\n\n        switch (ch) {\n          case 13:\n            if
(this.input.charCodeAtAt(this.state.pos) === 10) {\n              ++this.state.pos;\n            }\n\n            case 10:\n              out
+= "\\n";\n              break;\n\n            default:\n              out += String.fromCharCode(ch);\n              break;\n          }\n\n          ++this.state.curLine;\n          this.state.lineStart = this.state.pos;\n          chunkStart = this.state.pos;\n        } else {\n          ++this.state.pos;\n        }\n      }\n    }\n\n    readEscapedChar(inTemplate) {\n    const throwOnInvalid = !inTemplate;\n

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const ch = this.input.charCodeAt(++this.state.pos);\n  ++this.state.pos;\n\n  switch (ch) {\n    case 110:\n      return "\\n";\n\n    case 114:\n      return "\\r";\n\n    case 120:\n      {\n        const code =\n          this.readHexChar(2, false, throwOnInvalid);\n        return code === null ? null : String.fromCharCode(code);\n      }\n\n    case 117:\n      {\n        const code = this.readCodePoint(throwOnInvalid);\n        return code === null ?\n          null : String.fromCodePoint(code);\n      }\n\n    case 116:\n      return "\\t";\n\n    case 98:\n      return\n        "\\b";\n\n    case 118:\n      return "\\u000b";\n\n    case 102:\n      return "\\f";\n\n    case 13:\n      if\n        (this.input.charCodeAt(this.state.pos) === 10) {\n          ++this.state.pos;\n        }\n\n    case 10:\n      this.state.lineStart = this.state.pos;\n      ++this.state.curLine;\n\n    case 8232:\n    case 8233:\n      return\n        "\\r";\n\n    case 56:\n    case 57:\n      if (inTemplate) {\n        return null;\n      } else if (this.state.strict) {\n        this.raise(this.state.pos - 1, ErrorMessages.StrictNumericEscape);\n      }\n\n    default:\n      if (ch >= 48 && ch\n        <= 55) {\n        const codePos = this.state.pos - 1;\n        const match = this.input.substr(this.state.pos - 1,\n          3).match(/^[0-7]+/);\n        let octalStr = match[0];\n        let octal = parseInt(octalStr, 8);\n\n        if (octal > 255)\n          {\n            octalStr = octalStr.slice(0, -1);\n            octal = parseInt(octalStr, 8);\n          }\n\n        this.state.pos +=\n          octalStr.length - 1;\n        const next = this.input.charCodeAt(this.state.pos);\n\n        if (octalStr !== "\\0" || next\n          === 56 || next === 57) {\n          if (inTemplate) {\n            return null;\n          } else if (this.state.strict) {\n            this.raise(codePos, ErrorMessages.StrictNumericEscape);\n          } else {\n            this.state.octalPositions.push(codePos);\n          }\n        }\n\n        return String.fromCharCode(octal);\n      }\n\n    return String.fromCharCode(ch);\n  }\n}\n\nreadHexChar(len, forceLen, throwOnInvalid) {\n  const\n    codePos = this.state.pos;\n  const n = this.readInt(16, len, forceLen, false);\n\n  if (n === null) {\n    if\n      (throwOnInvalid) {\n        this.raise(codePos, ErrorMessages.InvalidEscapeSequence);\n      } else {\n        this.state.pos = codePos - 1;\n      }\n    }\n\n  return n;\n}\n\nreadWord1() {\n  let word = "";\n  this.state.containsEsc = false;\n  const start = this.state.pos;\n  let chunkStart = this.state.pos;\n\n  while\n    (this.state.pos < this.length) {\n    const ch = this.input.codePointAt(this.state.pos);\n\n    if (isIdentifierChar(ch))\n      {\n        this.state.pos += ch <= 0xffff ? 1 : 2;\n      } else if (this.state.isIterator && ch === 64) {\n        ++this.state.pos;\n      } else if (ch === 92) {\n        this.state.containsEsc = true;\n        word +=\n          this.input.slice(chunkStart, this.state.pos);\n        const escStart = this.state.pos;\n        const identifierCheck =\n          this.state.pos === start ? isIdentifierStart : isIdentifierChar;\n\n        if (this.input.charCodeAt(++this.state.pos) !==\n          117) {\n          this.raise(this.state.pos, ErrorMessages.MissingUnicodeEscape);\n          continue;\n        }\n\n        ++this.state.pos;\n        const esc = this.readCodePoint(true);\n\n        if (esc !== null) {\n          if\n            (!identifierCheck(esc)) {\n              this.raise(escStart, ErrorMessages.EscapedCharNotAnIdentifier);\n            }\n\n          word += String.fromCodePoint(esc);\n        }\n\n        chunkStart = this.state.pos;\n      } else {\n        break;\n      }\n    }\n\n  return word + this.input.slice(chunkStart, this.state.pos);\n}\n\nisIterator(word) {\n  return word\n    === "@@iterator" || word === "@@asyncIterator";\n}\n\nreadWord() {\n  const word = this.readWord1();\n  const type = keywords.get(word) || types.name;\n\n  if (this.state.isIterator && (!this.isIterator(word) ||\n    !this.state.inType)) {\n    this.raise(this.state.pos, ErrorMessages.InvalidIdentifier, word);\n  }\n\n  this.finishToken(type, word);\n}\n\ncheckKeywordEscapes() {\n  const kw = this.state.type.keyword;\n\n  if\n    (kw && this.state.containsEsc) {\n    this.raise(this.state.start, ErrorMessages.InvalidEscapedReservedWord,\n      kw);\n  }\n}\n\nbraceIsBlock(prevType) {\n  const parent = this.curContext();\n\n  if (parent ===\n    types.$1.functionExpression || parent === types.$1.functionStatement) {\n    return true;\n  }\n\n  if (prevType\n    === types.colon && (parent === types.$1.braceStatement || parent === types.$1.braceExpression)) {\n    return\n      !parent.isExpr;\n  }\n\n  if (prevType === types._return || prevType === types.name && this.state.exprAllowed)\n    {\n      return this.hasPrecedingLineBreak();\n    }\n\n  if (prevType === types._else || prevType === types.semi ||\n    prevType === types.eof || prevType === types.parenR || prevType === types.arrow) {\n    return true;\n  }\n\n  if (prevType === types.braceL) {\n    return parent === types.$1.braceStatement;\n  }\n\n  if (prevType ===\n    types._var || prevType === types._const || prevType === types.name) {\n    return false;\n  }\n\n  if (prevType\n    === types.relational) {\n    return true;\n  }\n\n  return !this.state.exprAllowed;\n}\n\nupdateContext(prevType) {\n  const type = this.state.type;\n  let update;\n\n  if (type.keyword && (prevType\n    === types.dot || prevType === types.questionDot)) {\n    this.state.exprAllowed = false;\n  } else if (update =

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type.updateContext) {\n  update.call(this, prevType);\n } else {\n  this.state.exprAllowed =
type.beforeExpr;\n }\n }\n\n}\n\nclass UtilParser extends Tokenizer {\n  addExtra(node, key, val) {\n  if (!node)
return;\n  const extra = node.extra = node.extra || {};\n  extra[key] = val;\n }\n\n  isRelational(op) {\n  return
this.match(types.relational) && this.state.value === op;\n }\n\n  expectRelational(op) {\n  if (this.isRelational(op))
{\n  this.next();\n } else {\n  this.unexpected(null, types.relational);\n }\n }\n\n  isContextual(name) {\n
return this.match(types.name) && this.state.value === name && !this.state.containsEsc;\n }\n\n
isUnparsedContextual(nameStart, name) {\n  const nameEnd = nameStart + name.length;\n  return
this.input.slice(nameStart, nameEnd) === name && (nameEnd === this.input.length ||
!isIdentifierChar(this.input.charCodeAt(nameEnd)));\n }\n\n  isLookaheadContextual(name) {\n  const next =
this.nextTokenStart();\n  return this.isUnparsedContextual(next, name);\n }\n\n  eatContextual(name) {\n  return
this.isContextual(name) && this.eat(types.name);\n }\n\n  expectContextual(name, message) {\n  if
(!this.eatContextual(name)) this.unexpected(null, message);\n }\n\n  canInsertSemicolon() {\n  return
this.match(types.eof) || this.match(types.braceR) || this.hasPrecedingLineBreak();\n }\n\n  hasPrecedingLineBreak()
{\n  return lineBreak.test(this.input.slice(this.state.lastTokEnd, this.state.start));\n }\n\n  isLineTerminator() {\n
return this.eat(types.semi) || this.canInsertSemicolon();\n }\n\n  semicolon() {\n  if (!this.isLineTerminator())
this.unexpected(null, types.semi);\n }\n\n  expect(type, pos) {\n  this.eat(type) || this.unexpected(pos, type);\n
}\n\n  assertNoSpace(message = \"Unexpected space.\") {\n  if (this.state.start > this.state.lastTokEnd) {\n
this.raise(this.state.lastTokEnd, message);\n }\n }\n\n  unexpected(pos, messageOrType = \"Unexpected token\")
{\n  if (typeof messageOrType !== \"string\") {\n  messageOrType = `Unexpected token, expected
\"${messageOrType.label}\"`;\n }\n\n  throw this.raise(pos != null ? pos : this.state.start, messageOrType);\n
}\n\n  expectPlugin(name, pos) {\n  if (!this.hasPlugin(name)) {\n  throw this.raiseWithData(pos != null ? pos :
this.state.start, {\n  missingPlugin: [name]\n  }, `This experimental syntax requires enabling the parser plugin:
'${name}'`);\n }\n\n  return true;\n }\n\n  expectOnePlugin(names, pos) {\n  if (!names.some(n =>
this.hasPlugin(n))) {\n  throw this.raiseWithData(pos != null ? pos : this.state.start, {\n  missingPlugin:
names\n  }, `This experimental syntax requires enabling one of the following parser plugin(s):
'${names.join(\",
\')}\"`);\n }\n }\n\n  tryParse(fn, oldState = this.state.clone()) {\n  const abortSignal = {\n  node: null\n };
\n  try {\n  const node = fn((node = null) => {\n  abortSignal.node = node;\n  throw abortSignal;\n });\n }\n
if (this.state.errors.length > oldState.errors.length) {\n  const failState = this.state;\n  this.state = oldState;\n
return {\n  node,\n  error: failState.errors[oldState.errors.length],\n  thrown: false,\n  aborted:
false,\n  failState\n };
}\n\n  return {\n  node,\n  error: null,\n  thrown: false,\n  aborted: false,\n  failState: null\n };
}\n } catch (error) {\n  const failState = this.state;\n  this.state =
oldState;\n\n  if (error instanceof SyntaxError) {\n  return {\n  node: null,\n  error,\n  thrown:
true,\n  aborted: false,\n  failState\n };
}\n\n  if (error === abortSignal) {\n  return {\n  node: abortSignal.node,\n  error: null,\n  thrown: false,\n  aborted: true,\n  failState\n };
}\n\n  throw error;\n }\n }\n\n  checkExpressionErrors(refExpressionErrors, andThrow) {\n  if
(!refExpressionErrors) return false;\n  const {\n  shorthandAssign,\n  doubleProto\n } =
refExpressionErrors;\n  if (!andThrow) return shorthandAssign >= 0 || doubleProto >= 0;\n\n  if (shorthandAssign
>= 0) {\n  this.unexpected(shorthandAssign);\n }\n\n  if (doubleProto >= 0) {\n  this.raise(doubleProto,
ErrorMessages.DuplicateProto);\n }\n }\n\n  isLiteralPropertyName() {\n  return this.match(types.name) ||
!!this.state.type.keyword || this.match(types.string) || this.match(types.num) || this.match(types.bigint) ||
this.match(types.decimal);\n }\n\n}\n\nclass ExpressionErrors {\n  constructor() {\n  this.shorthandAssign = -1;\n
this.doubleProto = -1;\n }\n\n}\n\nclass Node {\n  constructor(parser, pos, loc) {\n  this.type = void 0;\n  this.start
= void 0;\n  this.end = void 0;\n  this.loc = void 0;\n  this.range = void 0;\n  this.leadingComments = void 0;\n
this.trailingComments = void 0;\n  this.innerComments = void 0;\n  this.extra = void 0;\n  this.type = \"\";\n
this.start = pos;\n  this.end = 0;\n  this.loc = new SourceLocation(loc);\n  if (parser == null ? void 0 :
parser.options.ranges) this.range = [pos, 0];\n  if (parser == null ? void 0 : parser.filename) this.loc.filename =
parser.filename;\n }\n\n  __clone() {\n  const newNode = new Node();\n  const keys = Object.keys(this);\n\n  for (let i = 0, length = keys.length; i < length; i++) {\n  const key = keys[i];\n  if (key !==

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\leadingComments" && key !== \trailingComments" && key !== \innerComments") {\n    newNode[key] =
this[key];\n  }\n }\n\n return newNode;\n }\n}\n\nclass NodeUtils extends UtilParser {\n  startNode() {\n
return new Node(this, this.state.start, this.state.startLoc);\n }\n\n startNodeAt(pos, loc) {\n  return new Node(this,
pos, loc);\n }\n\n startNodeAtNode(type) {\n  return this.startNodeAt(type.start, type.loc.start);\n }\n\n
finishNode(node, type) {\n  return this.finishNodeAt(node, type, this.state.lastTokEnd, this.state.lastTokEndLoc);\n
}\n\n finishNodeAt(node, type, pos, loc) {\n\n  node.type = type;\n  node.end = pos;\n  node.loc.end = loc;\n  if
(this.options.ranges) node.range[1] = pos;\n  this.processComment(node);\n  return node;\n }\n\n
resetStartLocation(node, start, startLoc) {\n  node.start = start;\n  node.loc.start = startLoc;\n  if
(this.options.ranges) node.range[0] = start;\n }\n\n resetEndLocation(node, end = this.state.lastTokEnd, endLoc =
this.state.lastTokEndLoc) {\n  node.end = end;\n  node.loc.end = endLoc;\n  if (this.options.ranges)
node.range[1] = end;\n }\n\n resetStartLocationFromNode(node, locationNode) {\n  this.resetStartLocation(node,
locationNode.start, locationNode.loc.start);\n }\n}\n\nconst unwrapParenthesizedExpression = node => {\n  return
node.type === \\"ParenthesizedExpression\\" ? unwrapParenthesizedExpression(node.expression) : node;\n};\n\nclass
LValParser extends NodeUtils {\n  toAssignable(node) {\n    var _node$extra, _node$extra3;\n\n    let parenthesized
= undefined;\n\n    if (node.type === \\"ParenthesizedExpression\\" || ((_node$extra = node.extra) == null ? void 0 :
_node$extra.parenthesized)) {\n      parenthesized = unwrapParenthesizedExpression(node);\n\n      if
(parenthesized.type !== \\"Identifier\\" && parenthesized.type !== \\"MemberExpression\\") {\n
this.raise(node.start, ErrorMessages.InvalidParenthesizedAssignment);\n      }\n    }\n\n    switch (node.type) {\n
case \\"Identifier\\":\n      case \\"ObjectPattern\\":\n      case \\"ArrayPattern\\":\n      case \\"AssignmentPattern\\":\n
break;\n\n      case \\"ObjectExpression\\":\n        node.type = \\"ObjectPattern\\";\n\n        for (let i = 0, length =
node.properties.length, last = length - 1; i < length; i++) {\n          var _node$extra2;\n\n          const prop =
node.properties[i];\n          const isLast = i === last;\n          this.toAssignableObjectExpressionProp(prop,
isLast);\n\n          if (isLast && prop.type === \\"RestElement\\" && ((_node$extra2 = node.extra) == null ? void 0 :
_node$extra2.trailingComma)) {\n            this.raiseRestNotLast(node.extra.trailingComma);\n          }\n        }\n\n
break;\n\n      case \\"ObjectProperty\\":\n        this.toAssignable(node.value);\n        break;\n\n      case
\\"SpreadElement\\":\n        {\n          this.checkToRestConversion(node);\n          node.type = \\"RestElement\\";\n
const arg = node.argument;\n          this.toAssignable(arg);\n          break;\n        }\n\n      case \\"ArrayExpression\\":\n
node.type = \\"ArrayPattern\\";\n        this.toAssignableList(node.elements, (_node$extra3 = node.extra) == null ?
void 0 : _node$extra3.trailingComma);\n        break;\n\n      case \\"AssignmentExpression\\":\n        if (node.operator
!== \\"=\") {\n          this.raise(node.left.end, ErrorMessages.MissingEqInAssignment);\n        }\n\n        node.type =
\\"AssignmentPattern\\";\n        delete node.operator;\n        this.toAssignable(node.left);\n        break;\n\n      case
\\"ParenthesizedExpression\\":\n        this.toAssignable(parenthesized);\n        break;\n    }\n\n    return node;\n }\n\n
toAssignableObjectExpressionProp(prop, isLast) {\n  if (prop.type === \\"ObjectMethod\\") {\n    const error =
prop.kind === \\"get\\" || prop.kind === \\"set\\" ? ErrorMessages.PatternHasAccessor :
ErrorMessages.PatternHasMethod;\n    this.raise(prop.key.start, error);\n  } else if (prop.type ===
\\"SpreadElement\\" && !isLast) {\n    this.raiseRestNotLast(prop.start);\n  } else {\n    this.toAssignable(prop);\n
}\n }\n\n toAssignableList(exprList, trailingCommaPos) {\n  let end = exprList.length;\n\n  if (end) {\n    const
last = exprList[end - 1];\n\n    if ((last == null ? void 0 : last.type) === \\"RestElement\\") {\n      --end;\n    } else
if ((last == null ? void 0 : last.type) === \\"SpreadElement\\") {\n      last.type = \\"RestElement\\";\n      const arg =
last.argument;\n      this.toAssignable(arg);\n\n      if (arg.type !== \\"Identifier\\" && arg.type !==
\\"MemberExpression\\" && arg.type !== \\"ArrayPattern\\" && arg.type !== \\"ObjectPattern\\") {\n
this.unexpected(arg.start);\n      }\n\n      if (trailingCommaPos) {\n
this.raiseTrailingCommaAfterRest(trailingCommaPos);\n      }\n\n      --end;\n    }\n  }\n\n  for (let i = 0; i <
end; i++) {\n    const elt = exprList[i];\n\n    if (elt) {\n      this.toAssignable(elt);\n\n      if (elt.type ===
\\"RestElement\\") {\n        this.raiseRestNotLast(elt.start);\n      }\n    }\n  }\n\n  return exprList;\n }\n\n
toReferencedList(exprList, isParenthesizedExpr) {\n  return exprList;\n }\n\n toReferencedListDeep(exprList,
isParenthesizedExpr) {\n  this.toReferencedList(exprList, isParenthesizedExpr);\n\n  for (let _i = 0; _i <
exprList.length; _i++) {\n    const expr = exprList[_i];\n\n    if ((expr == null ? void 0 : expr.type) ===

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"ArrayExpression") {\n    this.toReferencedListDeep(expr.elements);\n    }\n }\n }\n\n parseSpread(refExpressionErrors, refNeedsArrowPos) {\n    const node = this.startNode();\n    this.next();\n    node.argument = this.parseMaybeAssignAllowIn(refExpressionErrors, undefined, refNeedsArrowPos);\n    return this.finishNode(node, "SpreadElement");\n }\n\n parseRestBinding() {\n    const node = this.startNode();\n    this.next();\n    node.argument = this.parseBindingAtom();\n    return this.finishNode(node, "RestElement");\n }\n\n parseBindingAtom() {\n    switch (this.state.type) {\n    case types.bracketL:\n        {\n            const node = this.startNode();\n            this.next();\n            node.elements = this.parseBindingList(types.bracketR, 93, true);\n            return this.finishNode(node, "ArrayPattern");\n        }\n\n    case types.braceL:\n        return this.parseObjectLike(types.braceR, true);\n    }\n\n    return this.parseIdentifier();\n }\n\n parseBindingList(close, closeCharCode, allowEmpty, allowModifiers) {\n    const elts = [];\n    let first = true;\n\n    while (!this.eat(close)) {\n        if (first) {\n            first = false;\n        } else {\n            this.expect(types.comma);\n        }\n\n        if (allowEmpty && this.match(types.comma)) {\n            elts.push(null);\n        } else if (this.eat(close)) {\n            break;\n        } else if (this.match(types.ellipsis)) {\n            elts.push(this.parseAssignableListItemTypes(this.parseRestBinding()));\n            this.checkCommaAfterRest(closeCharCode);\n            this.expect(close);\n            break;\n        } else {\n            const decorators = [];\n\n            if (this.match(types.at) && this.hasPlugin("decorators")) {\n                this.raise(this.state.start, ErrorMessages.UnsupportedParameterDecorator);\n            }\n\n            while (this.match(types.at)) {\n                decorators.push(this.parseDecorator());\n            }\n\n            elts.push(this.parseAssignableListItem(allowModifiers, decorators));\n        }\n    }\n\n    return elts;\n }\n\n parseAssignableListItem(allowModifiers, decorators) {\n    const left = this.parseMaybeDefault();\n    this.parseAssignableListItemTypes(left);\n    const elt = this.parseMaybeDefault(left.start, left.loc.start, left);\n\n    if (decorators.length) {\n        left.decorators = decorators;\n    }\n\n    return elt;\n }\n\n parseAssignableListItemTypes(param) {\n    return param;\n }\n\n parseMaybeDefault(startPos, startLoc, left) {\n    var _startLoc, _startPos, _left;\n\n    startLoc = (_startLoc = startPos) != null ? _startLoc : this.state.startLoc;\n    startPos = (_startPos = startPos) != null ? _startPos : this.state.start;\n    left = (_left = left) != null ? _left : this.parseBindingAtom();\n\n    if (!this.eat(types.eq)) return left;\n\n    const node = this.startNodeAt(startPos, startLoc);\n    node.left = left;\n    node.right = this.parseMaybeAssignAllowIn();\n    return this.finishNode(node, "AssignmentPattern");\n }\n\n checkLVal(expr, bindingType = BIND_NONE, checkClashes, contextDescription, disallowLetBinding, strictModeChanged = false) {\n    switch (expr.type) {\n    case "Identifier":\n        if (this.state.strict && (strictModeChanged ? isStrictBindReservedWord(expr.name, this.inModule) : isStrictBindOnlyReservedWord(expr.name))) {\n            this.raise(expr.start, bindingType === BIND_NONE ? ErrorMessages.StrictEvalArguments : ErrorMessages.StrictEvalArgumentsBinding, expr.name);\n        }\n\n        if (checkClashes) {\n            const key = `_${expr.name}`;\n\n            if (checkClashes[key]) {\n                this.raise(expr.start, ErrorMessages.ParamDupe);\n            } else {\n                checkClashes[key] = true;\n            }\n        }\n\n        if (disallowLetBinding && expr.name === "let") {\n            this.raise(expr.start, ErrorMessages.LetInLexicalBinding);\n        }\n\n        if (!(bindingType & BIND_NONE)) {\n            this.scope.declareName(expr.name, bindingType, expr.start);\n        }\n\n        break;\n\n    case "MemberExpression":\n        if (bindingType !== BIND_NONE) {\n            this.raise(expr.start, ErrorMessages.InvalidPropertyBindingPattern);\n        }\n\n        break;\n\n    case "ObjectPattern":\n        for (let _i2 = 0, _expr$properties = expr.properties, _i2 < _expr$properties.length; _i2++) {\n            let prop = _expr$properties[_i2];\n\n            if (prop.type === "ObjectProperty") prop = prop.value; else if (prop.type === "ObjectMethod") continue;\n\n            this.checkLVal(prop, bindingType, checkClashes, "object destructuring pattern", disallowLetBinding);\n        }\n\n        break;\n\n    case "ArrayPattern":\n        for (let _i3 = 0, _expr$elements = expr.elements, _i3 < _expr$elements.length; _i3++) {\n            const elem = _expr$elements[_i3];\n\n            if (elem) {\n                this.checkLVal(elem, bindingType, checkClashes, "array destructuring pattern", disallowLetBinding);\n            }\n        }\n\n        break;\n\n    case "AssignmentPattern":\n        this.checkLVal(expr.left, bindingType, checkClashes, "assignment pattern");\n        break;\n\n    case "RestElement":\n        this.checkLVal(expr.argument, bindingType, checkClashes, "rest element");\n        break;\n\n    case "ParenthesizedExpression":\n        this.checkLVal(expr.expression, bindingType, checkClashes,

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"parenthesized expression");\n    break;\n\n    default:\n        {\n            this.raise(expr.start, bindingType ===
BIND_NONE ? ErrorMessages.InvalidLhs : ErrorMessages.InvalidLhsBinding, contextDescription);\n        }\n    }\n\n    checkToRestConversion(node) {\n        if (node.argument.type !== "Identifier" && node.argument.type
!== "MemberExpression") {\n            this.raise(node.argument.start, ErrorMessages.InvalidRestAssignmentPattern);\n        }\n    }\n\n    checkCommaAfterRest(close) {\n        if (this.match(types.comma)) {\n            if (this.lookaheadCharCode()
=== close) {\n                this.raiseTrailingCommaAfterRest(this.state.start);\n            } else {\n
this.raiseRestNotLast(this.state.start);\n            }\n        }\n    }\n\n    raiseRestNotLast(pos) {\n        throw this.raise(pos,
ErrorMessages.ElementAfterRest);\n    }\n\n    raiseTrailingCommaAfterRest(pos) {\n        this.raise(pos,
ErrorMessages.RestTrailingComma);\n    }\n\n}\n\nconst kExpression = 0,\n    kMaybeArrowParameterDeclaration
= 1,\n    kMaybeAsyncArrowParameterDeclaration = 2,\n    kParameterDeclaration = 3;\n\nclass ExpressionScope
{\n    constructor(type = kExpression) {\n        this.type = void 0;\n        this.type = type;\n    }\n\n    canBeArrowParameterDeclaration() {\n        return this.type === kMaybeAsyncArrowParameterDeclaration || this.type
=== kMaybeArrowParameterDeclaration;\n    }\n\n    isCertainlyParameterDeclaration() {\n        return this.type ===
kParameterDeclaration;\n    }\n\n}\n\n\nclass ArrowHeadParsingScope extends ExpressionScope {\n    constructor(type)
{\n        super(type);\n        this.errors = new Map();\n    }\n\n    recordDeclarationError(pos, message) {\n
this.errors.set(pos, message);\n    }\n\n    clearDeclarationError(pos) {\n        this.errors.delete(pos);\n    }\n\n    iterateErrors(iterator) {\n        this.errors.forEach(iterator);\n    }\n\n}\n\n\nclass ExpressionScopeHandler {\n
constructor(raise) {\n        this.stack = [new ExpressionScope()];\n        this.raise = raise;\n    }\n\n    enter(scope) {\n
this.stack.push(scope);\n    }\n\n    exit() {\n        this.stack.pop();\n    }\n\n    recordParameterInitializerError(pos, message)
{\n        const {\n            stack\n        } = this;\n        let i = stack.length - 1;\n        let scope = stack[i];\n\n        while
(!scope.isCertainlyParameterDeclaration()) {\n            if (scope.canBeArrowParameterDeclaration()) {\n
scope.recordDeclarationError(pos, message);\n            } else {\n                return;\n            }\n\n            scope = stack[--i];\n        }\n\n        this.raise(pos, message);\n    }\n\n    recordAsyncArrowParametersError(pos, message) {\n        const {\n            stack\n        } =
this;\n        let i = stack.length - 1;\n        let scope = stack[i];\n\n        while (scope.canBeArrowParameterDeclaration()) {\n
            if (scope.type === kMaybeAsyncArrowParameterDeclaration) {\n                scope.recordDeclarationError(pos,
message);\n            }\n\n            scope = stack[--i];\n        }\n    }\n\n    validateAsPattern() {\n        const {\n            stack\n        } = this;\n        const currentScope = stack[stack.length - 1];\n        if (!currentScope.canBeArrowParameterDeclaration()) return;\n
currentScope.iterateErrors((message, pos) => {\n            this.raise(pos, message);\n            let i = stack.length - 2;\n            let
scope = stack[i];\n\n            while (scope.canBeArrowParameterDeclaration()) {\n
scope.clearDeclarationError(pos);\n                scope = stack[--i];\n            }\n        });\n    }\n\n}\n\n\nfunction
newParameterDeclarationScope() {\n    return new ExpressionScope(kParameterDeclaration);\n}\n\nfunction
newArrowHeadScope() {\n    return new
ArrowHeadParsingScope(kMaybeArrowParameterDeclaration);\n}\n\nfunction newAsyncArrowScope() {\n    return
new ArrowHeadParsingScope(kMaybeAsyncArrowParameterDeclaration);\n}\n\nfunction newExpressionScope() {\n
return new ExpressionScope();\n}\n\n\nclass ExpressionParser extends LValParser {\n    checkProto(prop, isRecord,
protoRef, refExpressionErrors) {\n        if (prop.type === "SpreadElement" || prop.type === "ObjectMethod" ||
prop.computed || prop.shorthand) {\n            return;\n        }\n\n        const key = prop.key;\n        const name = key.type ===
"Identifier" ? key.name : key.value;\n\n        if (name === "__proto__") {\n            if (isRecord) {\n
this.raise(key.start, ErrorMessages.RecordNoProto);\n                return;\n            }\n\n            if (protoRef.used) {\n                if
(refExpressionErrors) {\n                    if (refExpressionErrors.doubleProto === -1) {\n
refExpressionErrors.doubleProto = key.start;\n                    }\n                } else {\n                    this.raise(key.start,
ErrorMessages.DuplicateProto);\n                }\n            }\n\n            protoRef.used = true;\n        }\n    }\n\n    shouldExitDescending(expr, potentialArrowAt) {\n        return expr.type === "ArrowFunctionExpression" &&
expr.start === potentialArrowAt;\n    }\n\n    getExpression() {\n        let paramFlags = PARAM;\n\n        if
(this.hasPlugin("topLevelAwait") && this.inModule) {\n            paramFlags |= PARAM_AWAIT;\n        }\n\n        this.scope.enter(SCOPE_PROGRAM);\n        this.prodParam.enter(paramFlags);\n        this.nextToken();\n        const expr
= this.parseExpression();\n\n        if (!this.match(types.eof)) {\n            this.unexpected();\n        }\n\n        expr.comments =
this.state.comments;\n        expr.errors = this.state.errors;\n        return expr;\n    }\n\n    parseExpression(disallowIn,

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refExpressionErrors) {\n  if (disallowIn) {\n    return this.disallowInAnd(() =>
this.parseExpressionBase(refExpressionErrors));\n  }\n  return this.allowInAnd(() =>
this.parseExpressionBase(refExpressionErrors));\n}\n\n parseExpressionBase(refExpressionErrors) {\n  const
startPos = this.state.start;\n  const startLoc = this.state.startLoc;\n  const expr =
this.parseMaybeAssign(refExpressionErrors);\n\n  if (this.match(types.comma)) {\n    const node =
this.startNodeAt(startPos, startLoc);\n    node.expressions = [expr];\n\n    while (this.eat(types.comma)) {\n
node.expressions.push(this.parseMaybeAssign(refExpressionErrors));\n    }\n\n    this.toReferencedList(node.expressions);\n    return this.finishNode(node, \"SequenceExpression\");\n  }\n\n  return expr;\n}\n\n parseMaybeAssignDisallowIn(refExpressionErrors, afterLeftParse, refNeedsArrowPos) {\n
return this.disallowInAnd(() => this.parseMaybeAssign(refExpressionErrors, afterLeftParse, refNeedsArrowPos));\n}\n\n parseMaybeAssignAllowIn(refExpressionErrors, afterLeftParse, refNeedsArrowPos) {\n  return
this.allowInAnd(() => this.parseMaybeAssign(refExpressionErrors, afterLeftParse, refNeedsArrowPos));\n}\n\n parseMaybeAssign(refExpressionErrors, afterLeftParse, refNeedsArrowPos) {\n  const startPos = this.state.start;\n  const startLoc = this.state.startLoc;\n\n  if (this.isContextual(\"yield\")) {\n    if (this.prodParam.hasYield) {\n      this.state.exprAllowed = true;\n      let left = this.parseYield();\n\n      if (afterLeftParse) {\n        left =
afterLeftParse.call(this, left, startPos, startLoc);\n      }\n\n      return left;\n    }\n  }\n\n  let
ownExpressionErrors;\n\n  if (refExpressionErrors) {\n    ownExpressionErrors = false;\n  } else {\n
refExpressionErrors = new ExpressionErrors();\n    ownExpressionErrors = true;\n  }\n\n  if
(this.match(types.parenL) || this.match(types.name)) {\n    this.state.potentialArrowAt = this.state.start;\n  }\n\n  let left = this.parseMaybeConditional(refExpressionErrors, refNeedsArrowPos);\n\n  if (afterLeftParse) {\n    left =
afterLeftParse.call(this, left, startPos, startLoc);\n  }\n\n  if (this.state.type.isAssign) {\n    const node =
this.startNodeAt(startPos, startLoc);\n    const operator = this.state.value;\n    node.operator = operator;\n\n    if
(this.match(types.eq)) {\n      node.left = this.toAssignable(left);\n      refExpressionErrors.doubleProto = -1;\n
    } else {\n      node.left = left;\n    }\n\n    if (refExpressionErrors.shorthandAssign >= node.left.start) {\n
refExpressionErrors.shorthandAssign = -1;\n    }\n\n    this.checkLVal(left, undefined, undefined, \"assignment
expression\");\n    this.next();\n    node.right = this.parseMaybeAssign();\n    return this.finishNode(node,
\"AssignmentExpression\");\n  } else if (ownExpressionErrors) {\n
this.checkExpressionErrors(refExpressionErrors, true);\n  }\n\n  return left;\n}\n\n parseMaybeConditional(refExpressionErrors, refNeedsArrowPos) {\n  const startPos = this.state.start;\n  const
startLoc = this.state.startLoc;\n  const potentialArrowAt = this.state.potentialArrowAt;\n  const expr =
this.parseExprOps(refExpressionErrors);\n\n  if (this.shouldExitDescending(expr, potentialArrowAt)) {\n    return
expr;\n  }\n\n  return this.parseConditional(expr, startPos, startLoc, refNeedsArrowPos);\n}\n\n parseConditional(expr, startPos, startLoc, refNeedsArrowPos) {\n  if (this.eat(types.question)) {\n    const node =
this.startNodeAt(startPos, startLoc);\n    node.test = expr;\n    node.consequent =
this.parseMaybeAssignAllowIn();\n    this.expect(types.colon);\n    node.alternate = this.parseMaybeAssign();\n
return this.finishNode(node, \"ConditionalExpression\");\n  }\n\n  return expr;\n}\n\n parseExprOps(refExpressionErrors) {\n  const startPos = this.state.start;\n  const startLoc = this.state.startLoc;\n  const
potentialArrowAt = this.state.potentialArrowAt;\n  const expr =
this.parseMaybeUnary(refExpressionErrors);\n\n  if (this.shouldExitDescending(expr, potentialArrowAt)) {\n
return expr;\n  }\n\n  return this.parseExprOp(expr, startPos, startLoc, -1);\n}\n\n parseExprOp(left, leftStartPos,
leftStartLoc, minPrec) {\n  let prec = this.state.type.binop;\n\n  if (prec != null && (this.prodParam.hasIn ||
!this.match(types._in))) {\n    if (prec > minPrec) {\n      const op = this.state.type;\n\n      if (op ===
types.pipeline) {\n        this.expectPlugin(\"pipelineOperator\");\n        if
(this.state.inFSharpPipelineDirectBody) {\n          return left;\n        }\n        this.state.inPipeline = true;\n
this.checkPipelineAtInfixOperator(left, leftStartPos);\n      }\n\n      const node = this.startNodeAt(leftStartPos,
leftStartLoc);\n      node.left = left;\n      node.operator = this.state.value;\n\n      if (op === types.exponent &&
left.type === \"UnaryExpression\" && (this.options.createParenthesizedExpressions || !(left.extra &&
left.extra.parenthesized))) {\n        this.raise(left.argument.start,

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ErrorMessages.UnexpectedTokenUnaryExponentiation);\n    }\n    const logical = op === types.logicalOR ||
op === types.logicalAND;\n    const coalesce = op === types.nullishCoalescing;\n    if (coalesce) {\n
prec = types.logicalAND.binop;\n    }\n    this.next();\n    if (op === types.pipeline &&
this.getPluginOption("pipelineOperator", "proposal") === "minimal") {\n    if (this.match(types.name) &&
this.state.value === "await" && this.prodParam.hasAwait) {\n        throw this.raise(this.state.start,
ErrorMessages.UnexpectedAwaitAfterPipelineBody);\n    }\n    } node.right =
this.parseExprOpRightExpr(op, prec);\n    this.finishNode(node, logical || coalesce ? "LogicalExpression" :
"BinaryExpression");\n    const nextOp = this.state.type;\n    if (coalesce && (nextOp === types.logicalOR
|| nextOp === types.logicalAND) || logical && nextOp === types.nullishCoalescing) {\n    throw
this.raise(this.state.start, ErrorMessages.MixingCoalesceWithLogical);\n    }\n    return
this.parseExprOp(node, leftStartPos, leftStartLoc, minPrec);\n    }\n    }\n    return left;\n    }\n    parseExprOpRightExpr(op, prec) {\n    const startPos = this.state.start;\n    const startLoc = this.state.startLoc;\n    switch (op) {\n    case types.pipeline:\n        switch (this.getPluginOption("pipelineOperator", "proposal")) {\n
case "smart":\n            return this.withTopicPermittingContext(() => {\n                return
this.parseSmartPipelineBody(this.parseExprOpBaseRightExpr(op, prec), startPos, startLoc);\n            });\n        case "fsharp":\n            return this.withSoloAwaitPermittingContext(() => {\n                return
this.parseFSharpPipelineBody(prec);\n            });\n        default:\n            return
this.parseExprOpBaseRightExpr(op, prec);\n        }\n    }\n    parseExprOpBaseRightExpr(op, prec) {\n    const startPos
= this.state.start;\n    const startLoc = this.state.startLoc;\n    return this.parseExprOp(this.parseMaybeUnary(),
startPos, startLoc, op.rightAssociative ? prec - 1 : prec);\n    }\n    parseMaybeUnary(refExpressionErrors) {\n    if
(this.isContextual("await") && this.isAwaitAllowed()) {\n        return this.parseAwait();\n    }\n    const update =
this.match(types.incDec);\n    const node = this.startNode();\n    if (this.state.type.prefix) {\n        node.operator =
this.state.value;\n        node.prefix = true;\n        if (this.match(types._throw)) {\n
this.expectPlugin("throwExpressions");\n        }\n        const isDelete = this.match(types._delete);\n        this.next();\n        node.argument = this.parseMaybeUnary();\n        this.checkExpressionErrors(refExpressionErrors, true);\n        if
(this.state.strict && isDelete) {\n            const arg = node.argument;\n            if (arg.type === "Identifier") {\n
this.raise(node.start, ErrorMessages.StrictDelete);\n            } else if ((arg.type === "MemberExpression" || arg.type
=== "OptionalMemberExpression") && arg.property.type === "PrivateName") {\n                this.raise(node.start,
ErrorMessages.DeletePrivateField);\n            }\n        }\n        if (!update) {\n            return this.finishNode(node,
"UnaryExpression");\n        }\n        return this.parseUpdate(node, update, refExpressionErrors);\n    }\n    parseUpdate(node, update, refExpressionErrors) {\n    if (update) {\n        this.checkLVal(node.argument, undefined,
undefined, "prefix operation");\n        return this.finishNode(node, "UpdateExpression");\n    }\n    const startPos
= this.state.start;\n    const startLoc = this.state.startLoc;\n    let expr =
this.parseExprSubscripts(refExpressionErrors);\n    if (this.checkExpressionErrors(refExpressionErrors, false))
return expr;\n    while (this.state.type.postfix && !this.canInsertSemicolon()) {\n        const node =
this.startNodeAt(startPos, startLoc);\n        node.operator = this.state.value;\n        node.prefix = false;\n        node.argument = expr;\n        this.checkLVal(expr, undefined, undefined, "postfix operation");\n        this.next();\n        expr = this.finishNode(node, "UpdateExpression");\n    }\n    return expr;\n    }\n    parseExprSubscripts(refExpressionErrors) {\n    const startPos = this.state.start;\n    const startLoc =
this.state.startLoc;\n    const potentialArrowAt = this.state.potentialArrowAt;\n    const expr =
this.parseExprAtom(refExpressionErrors);\n    if (this.shouldExitDescending(expr, potentialArrowAt)) {\n
return expr;\n    }\n    return this.parseSubscripts(expr, startPos, startLoc);\n    }\n    parseSubscripts(base, startPos,
startLoc, noCalls) {\n    const state = {\n        optionalChainMember: false,\n        maybeAsyncArrow:
this.atPossibleAsyncArrow(base),\n        stop: false\n    };\n    do {\n        base = this.parseSubscript(base, startPos,
startLoc, noCalls, state);\n        state.maybeAsyncArrow = false;\n    } while (!state.stop);\n    return base;\n    }\n    parseSubscript(base, startPos, startLoc, noCalls, state) {\n    if (!noCalls && this.eat(types.doubleColon)) {\n
return this.parseBind(base, startPos, startLoc, noCalls, state);\n    } else if (this.match(types.backQuote)) {\n
return this.parseTaggedTemplateExpression(base, startPos, startLoc, state);\n    }\n    let optional = false;\n    if

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(this.match(types.questionDot)) {\n  state.optionalChainMember = optional = true;\n\n  if (noCalls &&
this.lookaheadCharCode() === 40) {\n    state.stop = true;\n    return base;\n  }\n\n  this.next();\n }\n\n if (!noCalls && this.match(types.parenL)) {\n  return this.parseCoverCallAndAsyncArrowHead(base, startPos,
startLoc, state, optional);\n } else if (optional || this.match(types.bracketL) || this.eat(types.dot)) {\n  return
this.parseMember(base, startPos, startLoc, state, optional);\n } else {\n  state.stop = true;\n  return base;\n
}\n }\n\n parseMember(base, startPos, startLoc, state, optional) {\n  const node = this.startNodeAt(startPos,
startLoc);\n  const computed = this.eat(types.bracketL);\n  node.object = base;\n  node.computed = computed;\n  const property = computed ? this.parseExpression() : this.parseMaybePrivateName(true);\n\n  if (property.type ===
\'PrivateName\') {\n    if (node.object.type === \'Super\') {\n      this.raise(startPos,
ErrorMessages.SuperPrivateField);\n    }\n\n    this.classScope.usePrivateName(property.id.name,
property.start);\n  }\n\n  node.property = property;\n\n  if (computed) {\n    this.expect(types.bracketR);\n
}\n\n  if (state.optionalChainMember) {\n    node.optional = optional;\n    return this.finishNode(node,
\'OptionalMemberExpression\');\n  } else {\n    return this.finishNode(node, \'MemberExpression\');\n  }\n
}\n\n parseBind(base, startPos, startLoc, noCalls, state) {\n  const node = this.startNodeAt(startPos, startLoc);\n
node.object = base;\n  node.callee = this.parseNoCallExpr();\n  state.stop = true;\n  return
this.parseSubscripts(this.finishNode(node, \'BindExpression\'), startPos, startLoc, noCalls);\n }\n\n
parseCoverCallAndAsyncArrowHead(base, startPos, startLoc, state, optional) {\n  const
oldMaybeInArrowParameters = this.state.maybeInArrowParameters;\n  this.state.maybeInArrowParameters =
true;\n  this.next();\n  let node = this.startNodeAt(startPos, startLoc);\n  node.callee = base;\n\n  if
(state.maybeAsyncArrow) {\n    this.expressionScope.enter(newAsyncArrowScope());\n  }\n\n  if
(state.optionalChainMember) {\n    node.optional = optional;\n  }\n\n  if (optional) {\n    node.arguments =
this.parseCallExpressionArguments(types.parenR, false);\n  } else {\n    node.arguments =
this.parseCallExpressionArguments(types.parenR, state.maybeAsyncArrow, base.type === \'Import\', base.type
!== \'Super\', node);\n  }\n\n  this.finishCallExpression(node, state.optionalChainMember);\n\n  if
(state.maybeAsyncArrow && this.shouldParseAsyncArrow() && !optional) {\n    state.stop = true;\n
this.expressionScope.validateAsPattern();\n    this.expressionScope.exit();\n    node =
this.parseAsyncArrowFromCallExpression(this.startNodeAt(startPos, startLoc), node);\n  } else {\n    if
(state.maybeAsyncArrow) {\n      this.expressionScope.exit();\n    }\n\n    this.toReferencedArguments(node);\n
}\n\n  this.state.maybeInArrowParameters = oldMaybeInArrowParameters;\n  return node;\n }\n\n
toReferencedArguments(node, isParenthesizedExpr) {\n  this.toReferencedListDeep(node.arguments,
isParenthesizedExpr);\n }\n\n parseTaggedTemplateExpression(base, startPos, startLoc, state) {\n  const node =
this.startNodeAt(startPos, startLoc);\n  node.tag = base;\n  node.quasi = this.parseTemplate(true);\n\n  if
(state.optionalChainMember) {\n    this.raise(startPos, ErrorMessages.OptionalChainingNoTemplate);\n  }\n\n
return this.finishNode(node, \'TaggedTemplateExpression\');\n }\n\n atPossibleAsyncArrow(base) {\n  return
base.type === \'Identifier\' && base.name === \'async\' && this.state.lastTokEnd === base.end &&
!this.canInsertSemicolon() && base.end - base.start === 5 && base.start === this.state.potentialArrowAt;\n
}\n\n finishCallExpression(node, optional) {\n  if (node.callee.type === \'Import\') {\n    if (node.arguments.length
=== 2) {\n      if (!this.hasPlugin(\'moduleAttributes\')) {\n        this.expectPlugin(\'importAssertions\');\n
}\n      }\n\n      if (node.arguments.length === 0 || node.arguments.length > 2) {\n        this.raise(node.start,
ErrorMessages.ImportCallArity, this.hasPlugin(\'importAssertions\') || this.hasPlugin(\'moduleAttributes\') ? \'one
or two arguments\' : \'one argument\');\n      } else {\n        for (let _i = 0, _node$arguments = node.arguments;
_i < _node$arguments.length; _i++) {\n          const arg = _node$arguments[_i];\n\n          if (arg.type ===
\'SpreadElement\') {\n            this.raise(arg.start, ErrorMessages.ImportCallSpreadArgument);\n          }\n
}\n      }\n\n      return this.finishNode(node, optional ? \'OptionalCallExpression\' : \'CallExpression\');\n
}\n\n parseCallExpressionArguments(close, possibleAsyncArrow, dynamicImport, allowPlaceholder, nodeForExtra) {\n
const elts = [];\n  let innerParenStart;\n  let first = true;\n  const oldInFSharpPipelineDirectBody =
this.state.inFSharpPipelineDirectBody;\n  this.state.inFSharpPipelineDirectBody = false;\n\n  while
(!this.eat(close)) {\n    if (first) {\n      first = false;\n    } else {\n      this.expect(types.comma);\n    }\n
if

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(this.match(close)) {\n      if (dynamicImport && !this.hasPlugin(\"importAssertions\") &&
!this.hasPlugin(\"moduleAttributes\")) {\n        this.raise(this.state.lastTokStart,
ErrorMessages.ImportCallArgumentTrailingComma);\n      }\n      if (nodeForExtra) {\n
this.addExtra(nodeForExtra, \"trailingComma\", this.state.lastTokStart);\n      }\n      this.next();\n
break;\n    }\n  }\n  if (this.match(types.parenL) && !innerParenStart) {\n    innerParenStart =
this.state.start;\n  }\n  elts.push(this.parseExprListItem(false, possibleAsyncArrow ? new ExpressionErrors() :
undefined, possibleAsyncArrow ? {\n    start: 0\n  } : undefined, allowPlaceholder));\n  }\n  if
(possibleAsyncArrow && innerParenStart && this.shouldParseAsyncArrow()) {\n    this.unexpected();\n  }\n
this.state.inFSharpPipelineDirectBody = oldInFSharpPipelineDirectBody;\n  return elts;\n  }\n
shouldParseAsyncArrow() {\n  return this.match(types.arrow) && !this.canInsertSemicolon();\n  }\n
parseAsyncArrowFromCallExpression(node, call) {\n  var _call$extra;\n  this.expect(types.arrow);\n
this.parseArrowExpression(node, call.arguments, true, (_call$extra = call.extra) == null ? void 0 :
_call$extra.trailingComma);\n  return node;\n  }\n  parseNoCallExpr() {\n    const startPos = this.state.start;\n
const startLoc = this.state.startLoc;\n    return this.parseSubscripts(this.parseExprAtom(), startPos, startLoc, true);\n
  }\n  parseExprAtom(refExpressionErrors) {\n    if (this.state.type === types.slash) this.readRegexp();\n    const
canBeArrow = this.state.potentialArrowAt === this.state.start;\n    let node;\n    switch (this.state.type) {\n    case
types._super:\n      return this.parseSuper();\n    case types._import:\n      node = this.startNode();\n
this.next();\n      if (this.match(types.dot)) {\n        return this.parseImportMetaProperty(node);\n      }\n    if (!this.match(types.parenL)) {\n      this.raise(this.state.lastTokStart, ErrorMessages.UnsupportedImport);\n
    }\n    return this.finishNode(node, \"Import\");\n    case types._this:\n      node = this.startNode();\n
this.next();\n      return this.finishNode(node, \"ThisExpression\");\n    case types.name:\n      {\n        const
containsEsc = this.state.containsEsc;\n        const id = this.parseIdentifier();\n        if (!containsEsc && id.name
=== \"async\" && !this.canInsertSemicolon()) {\n          if (this.match(types._function)) {\n            const last =
this.state.context.length - 1;\n            if (this.state.context[last] !== types.$1.functionStatement) {\n
throw new Error(\"Internal error\");\n            }\n            this.state.context[last] = types.$1.functionExpression;\n
            this.next();\n            return this.parseFunction(this.startNodeAtNode(id), undefined, true);\n          } else if
(this.match(types.name)) {\n            return this.parseAsyncArrowUnaryFunction(id);\n          }\n        }\n    if (canBeArrow && this.match(types.arrow) && !this.canInsertSemicolon()) {\n      this.next();\n      return
this.parseArrowExpression(this.startNodeAtNode(id), [id], false);\n    }\n    return id;\n  }\n    case
types._do:\n      {\n        return this.parseDo();\n      }\n    case types.regexp:\n      {\n        const value =
this.state.value;\n        node = this.parseLiteral(value.value, \"RegExpLiteral\");\n        node.pattern =
value.pattern;\n        node.flags = value.flags;\n        return node;\n      }\n    case types.num:\n      return
this.parseLiteral(this.state.value, \"NumericLiteral\");\n    case types.bigint:\n      return
this.parseLiteral(this.state.value, \"BigIntLiteral\");\n    case types.decimal:\n      return
this.parseLiteral(this.state.value, \"DecimalLiteral\");\n    case types.string:\n      return
this.parseLiteral(this.state.value, \"StringLiteral\");\n    case types._null:\n      node = this.startNode();\n
this.next();\n      return this.finishNode(node, \"NullLiteral\");\n    case types._true:\n    case types._false:\n
return this.parseBooleanLiteral();\n    case types.parenL:\n      return
this.parseParenAndDistinguishExpression(canBeArrow);\n    case types.bracketBarL:\n    case
types.bracketHashL:\n      {\n        return this.parseArrayLike(this.state.type === types.bracketBarL ?
types.bracketBarR : types.bracketR, false, true, refExpressionErrors);\n      }\n    case types.bracketL:\n      {\n
return this.parseArrayLike(types.bracketR, true, false, refExpressionErrors);\n      }\n    case
types.braceBarL:\n    case types.braceHashL:\n      {\n        return this.parseObjectLike(this.state.type ===
types.braceBarL ? types.braceBarR : types.braceR, false, true, refExpressionErrors);\n      }\n    case
types.braceL:\n      {\n        return this.parseObjectLike(types.braceR, false, false, refExpressionErrors);\n
      }\n    case types._function:\n      return this.parseFunctionOrFunctionSent();\n    case types.at:\n
this.parseDecorators();\n    case types._class:\n      node = this.startNode();\n      this.takeDecorators(node);\n
return this.parseClass(node, false);\n    case types._new:\n      return this.parseNewOrNewTarget();\n    case

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types.backQuote;\n    return this.parseTemplate(false);\n\n    case types.doubleColon;\n    {\n        node =
this.startNode();\n        this.next();\n        node.object = null;\n        const callee = node.callee =
this.parseNoCallExpr();\n        if (callee.type === \"MemberExpression\") {\n            return this.finishNode(node,
\"BindExpression\");\n        } else {\n            throw this.raise(callee.start, ErrorMessages.UnsupportedBind);\n        }\n    }\n\n    case types.hash;\n    {\n        if (this.state.inPipeline) {\n            node = this.startNode();\n            if (this.getPluginOption(\"pipelineOperator\", \"proposal\") !== \"smart\") {\n                this.raise(node.start,
ErrorMessages.PrimaryTopicRequiresSmartPipeline);\n            }\n            this.next();\n            if
(!this.primaryTopicReferenceIsAllowedInCurrentTopicContext()) {\n                this.raise(node.start,
ErrorMessages.PrimaryTopicNotAllowed);\n            }\n            this.registerTopicReference();\n            return
this.finishNode(node, \"PipelinePrimaryTopicReference\");\n        }\n        const nextCh =
this.input.codePointAt(this.state.end);\n        if (isIdentifierStart(nextCh) || nextCh === 92) {\n            const start
= this.state.start;\n            node = this.parseMaybePrivateName(true);\n            if (this.match(types._in)) {\n                this.expectPlugin(\"privateIn\");\n                this.classScope.usePrivateName(node.id.name, node.start);\n            }
else if (this.hasPlugin(\"privateIn\")) {\n                this.raise(this.state.start, ErrorMessages.PrivateInExpectedIn,
node.id.name);\n            } else {\n                throw this.unexpected(start);\n            }\n            return node;\n        }\n    }\n\n    case types.relational;\n    {\n        if (this.state.value === \"<\") {\n            const lookaheadCh =
this.input.codePointAt(this.nextTokenStart());\n            if (isIdentifierStart(lookaheadCh) || lookaheadCh === 62)
{\n                this.expectOnePlugin([\"jsx\", \"flow\", \"typescript\"]);\n            }\n        }\n        default;\n        throw this.unexpected();\n    }\n}\n\n    parseAsyncArrowUnaryFunction(id) {\n        const node =
this.startNodeAtNode(id);\n        this.prodParam.enter(functionFlags(true, this.prodParam.hasYield));\n        const params
= [this.parseIdentifier()];\n        this.prodParam.exit();\n        if (this.hasPrecedingLineBreak()) {\n            this.raise(this.state.pos, ErrorMessages.LineTerminatorBeforeArrow);\n        }\n        this.expect(types.arrow);\n        this.parseArrowExpression(node, params, true);\n        return node;\n    }\n\n    parseDo() {\n        this.expectPlugin(\"doExpressions\");\n        const node = this.startNode();\n        this.next();\n        const oldLabels =
this.state.labels;\n        this.state.labels = [];\n        node.body = this.parseBlock();\n        this.state.labels = oldLabels;\n        return this.finishNode(node, \"DoExpression\");\n    }\n\n    parseSuper() {\n        const node = this.startNode();\n        this.next();\n        if (this.match(types.parenL) && !this.scope.allowDirectSuper &&
!this.options.allowSuperOutsideMethod) {\n            this.raise(node.start, ErrorMessages.SuperNotAllowed);\n        } else if
(!this.scope.allowSuper && !this.options.allowSuperOutsideMethod) {\n            this.raise(node.start,
ErrorMessages.UnexpectedSuper);\n        }\n        if (!this.match(types.parenL) && !this.match(types.bracketL) &&
!this.match(types.dot)) {\n            this.raise(node.start, ErrorMessages.UnsupportedSuper);\n        }\n        return
this.finishNode(node, \"Super\");\n    }\n\n    parseBooleanLiteral() {\n        const node = this.startNode();\n        node.value
= this.match(types._true);\n        this.next();\n        return this.finishNode(node, \"BooleanLiteral\");\n    }\n\n    parseMaybePrivateName(isPrivateNameAllowed) {\n        const isPrivate = this.match(types.hash);\n        if (isPrivate)
{\n            this.expectOnePlugin([\"classPrivateProperties\", \"classPrivateMethods\"]);\n            if
(!isPrivateNameAllowed) {\n                this.raise(this.state.pos, ErrorMessages.UnexpectedPrivateField);\n            }\n        }\n        const node = this.startNode();\n        this.next();\n        this.assertNoSpace(\"Unexpected space between # and
identifier\");\n        node.id = this.parseIdentifier(true);\n        return this.finishNode(node, \"PrivateName\");\n    } else
{\n        return this.parseIdentifier(true);\n    }\n}\n\n    parseFunctionOrFunctionSent() {\n        const node =
this.startNode();\n        this.next();\n        if (this.prodParam.hasYield && this.match(types.dot)) {\n            const meta =
this.createIdentifier(this.startNodeAtNode(node), \"function\");\n            this.next();\n            return
this.parseMetaProperty(node, meta, \"sent\");\n        }\n        return this.parseFunction(node);\n    }\n\n    parseMetaProperty(node, meta, propertyName) {\n        node.meta = meta;\n        if (meta.name === \"function\" &&
propertyName === \"sent\") {\n            if (this.isContextual(propertyName)) {\n                this.expectPlugin(\"functionSent\");\n            } else if (!this.hasPlugin(\"functionSent\")) {\n                this.unexpected();\n            }\n        }\n        const containsEsc = this.state.containsEsc;\n        node.property = this.parseIdentifier(true);\n        if
(node.property.name !== propertyName || containsEsc) {\n            this.raise(node.property.start,
ErrorMessages.UnsupportedMetaProperty, meta.name, propertyName);\n        }\n        return this.finishNode(node,

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\`MetaProperty\`);
}
}
parseImportMetaProperty(node) {
  const id =
  this.createIdentifier(this.startNodeAtNode(node), "import");
  this.next();
  if (this.isContextual("`meta`"))
  {
    if (!this.inModule) {
      this.raiseWithData(id.start, {
        code:
        `BABEL_PARSER_SOURCETYPE_MODULE_REQUIRED`
      },
      ErrorMessages.ImportMetaOutsideModule);
    }
    this.sawUnambiguousESM = true;
  }
  return
  this.parseMetaProperty(node, id, "`meta`");
}
parseLiteral(value, type, startPos, startLoc) {
  startPos =
  startPos || this.state.start;
  startLoc =
  startLoc || this.state.startLoc;
  const node =
  this.startNodeAt(startPos,
  startLoc);
  this.addExtra(node, "rawValue", value);
  this.addExtra(node, "raw", this.input.slice(startPos,
  this.state.end));
  node.value =
  value;
  this.next();
  return this.finishNode(node, type);
}
parseParenAndDistinguishExpression(canBeArrow) {
  const startPos =
  this.state.start;
  const startLoc =
  this.state.startLoc;
  let val;
  this.next();
  this.expressionScope.enter(new ArrowHeadScope());
  const
  oldMaybeInArrowParameters =
  this.state.maybeInArrowParameters;
  const
  oldInFSharpPipelineDirectBody =
  this.state.inFSharpPipelineDirectBody;
  this.state.maybeInArrowParameters =
  true;
  this.state.inFSharpPipelineDirectBody =
  false;
  const innerStartPos =
  this.state.start;
  const innerStartLoc =
  this.state.startLoc;
  const exprList =
  [];
  const refExpressionErrors =
  new ExpressionErrors();
  const
  refNeedsArrowPos = {
    start: 0
  };
  let first =
  true;
  let spreadStart;
  let optionalCommaStart;
  while (!this.match(types.parenR)) {
    if (first) {
      first =
      false;
    } else {
      this.expect(types.comma,
      refNeedsArrowPos.start || null);
    }
    if (this.match(types.parenR)) {
      optionalCommaStart =
      this.state.start;
      break;
    }
  }
  if (this.match(types.ellipsis)) {
    const spreadNodeStartPos =
    this.state.start;
    const
    spreadNodeStartLoc =
    this.state.startLoc;
    spreadStart =
    this.state.start;
    exprList.push(this.parseParenItem(this.parseRestBinding(),
    spreadNodeStartPos,
    spreadNodeStartLoc));
    this.checkCommaAfterRest(41);
    break;
  } else {
    exprList.push(this.parseMaybeAssignAllowIn(refExpressionErrors,
    this.parseParenItem,
    refNeedsArrowPos));
  }
  const innerEndPos =
  this.state.lastTokEnd;
  const innerEndLoc =
  this.state.lastTokEndLoc;
  this.expect(types.parenR);
  this.state.maybeInArrowParameters =
  oldMaybeInArrowParameters;
  this.state.inFSharpPipelineDirectBody =
  oldInFSharpPipelineDirectBody;
  let arrowNode =
  this.startNodeAt(startPos,
  startLoc);
  if (canBeArrow && this.shouldParseArrow() && (arrowNode =
  this.parseArrow(arrowNode))) {
    this.expressionScope.validateAsPattern();
    this.expressionScope.exit();
    for (let _i2 = 0; _i2 <
    exprList.length; _i2++) {
      const param =
      exprList[_i2];
      if (param.extra &&
      param.extra.parenthesized) {
        this.unexpected(param.extra.parenStart);
      }
    }
    this.parseArrowExpression(arrowNode,
    exprList,
    false);
    return arrowNode;
  }
  this.expressionScope.exit();
  if (!exprList.length) {
    this.unexpected(this.state.lastTokStart);
  }
  if (optionalCommaStart)
  this.unexpected(optionalCommaStart);
  if (spreadStart)
  this.unexpected(spreadStart);
  this.checkExpressionErrors(refExpressionErrors, true);
  if (refNeedsArrowPos.start)
  this.unexpected(refNeedsArrowPos.start);
  this.toReferencedListDeep(exprList, true);
  if (exprList.length >
  1) {
    val =
    this.startNodeAt(innerStartPos,
    innerStartLoc);
    val.expressions =
    exprList;
    this.finishNodeAt(val, "SequenceExpression",
    innerEndPos,
    innerEndLoc);
  } else {
    val =
    exprList[0];
  }
  if (!this.options.createParenthesizedExpressions) {
    this.addExtra(val, "parenthesized",
    true);
    this.addExtra(val, "parenStart",
    startPos);
    return val;
  }
  const parenExpression =
  this.startNodeAt(startPos,
  startLoc);
  parenExpression.expression =
  val;
  this.finishNode(parenExpression,
  "ParenthesizedExpression");
  return parenExpression;
}
shouldParseArrow() {
  return
  !this.canInsertSemicolon();
}
parseArrow(node) {
  if (this.eat(types.arrow)) {
    return
    node;
  }
}
parseParenItem(node, startPos, startLoc) {
  return
  node;
}
parseNewOrNewTarget() {
  const
  node =
  this.startNode();
  this.next();
  if (this.match(types.dot)) {
    const meta =
    this.createIdentifier(this.startNodeAtNode(node),
    "new");
    this.next();
    const metaProp =
    this.parseMetaProperty(node, meta, "target");
    if (!this.scope.inNonArrowFunction &&
    !this.scope.inClass) {
      let error =
      ErrorMessages.UnexpectedNewTarget;
      if (this.hasPlugin("`classProperties`")) {

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error += \" or class properties\";\n    }\n\n    this.raise(metaProp.start, error);\n    }\n\n    return metaProp;\n  }\n\n  return this.parseNew(node);\n  }\n\n  parseNew(node) {\n    node.callee = this.parseNoCallExpr();\n\n    if\n    (node.callee.type === \"Import\") {\n      this.raise(node.callee.start,\n      ErrorMessages.ImportCallNotNewExpression);\n    } else if (node.callee.type === \"OptionalMemberExpression\" ||\n    node.callee.type === \"OptionalCallExpression\") {\n      this.raise(this.state.lastTokEnd,\n      ErrorMessages.OptionalChainingNoNew);\n    } else if (this.eat(types.questionDot)) {\n      this.raise(this.state.start,\n      ErrorMessages.OptionalChainingNoNew);\n    }\n\n    this.parseNewArguments(node);\n\n    return\n    this.finishNode(node, \"NewExpression\");\n  }\n\n  parseNewArguments(node) {\n    if (this.eat(types.parenL)) {\n      const args = this.parseExprList(types.parenR);\n      this.toReferencedList(args);\n      node.arguments = args;\n    } else {\n      node.arguments = [];\n    }\n  }\n\n  parseTemplateElement(isTagged) {\n    const elem =\n    this.startNode();\n\n    if (this.state.value === null) {\n      if (!isTagged) {\n        this.raise(this.state.start + 1,\n        ErrorMessages.InvalidEscapeSequenceTemplate);\n      }\n    }\n\n    elem.value = {\n      raw:\n      this.input.slice(this.state.start, this.state.end).replace(/\\r\\n?/g, \"\\n\"),\n      cooked: this.state.value\n    };\n\n    this.next();\n\n    elem.tail = this.match(types.backQuote);\n\n    return this.finishNode(elem, \"TemplateElement\");\n  }\n\n  parseTemplate(isTagged) {\n    const node = this.startNode();\n    this.next();\n    node.expressions = [];\n\n    let curElt = this.parseTemplateElement(isTagged);\n    node.quasis = [curElt];\n\n    while (!curElt.tail) {\n      this.expect(types.dollarBraceL);\n      node.expressions.push(this.parseTemplateSubstitution());\n      this.expect(types.braceR);\n      node.quasis.push(curElt = this.parseTemplateElement(isTagged));\n    }\n\n    this.next();\n\n    return this.finishNode(node, \"TemplateLiteral\");\n  }\n\n  parseTemplateSubstitution() {\n    return\n    this.parseExpression();\n  }\n\n  parseObjectLike(close, isPattern, isRecord, refExpressionErrors) {\n    if (isRecord)\n    {\n      this.expectPlugin(\"recordAndTuple\");\n    }\n\n    const oldInFSharpPipelineDirectBody =\n    this.state.inFSharpPipelineDirectBody;\n    this.state.inFSharpPipelineDirectBody = false;\n\n    const propHash =\n    Object.create(null);\n\n    let first = true;\n    const node = this.startNode();\n    node.properties = [];\n\n    this.next();\n\n    while (!this.match(close)) {\n      if (first) {\n        first = false;\n      } else {\n        this.expect(types.comma);\n      }\n\n      if (this.match(close)) {\n        this.addExtra(node, \"trailingComma\", this.state.lastTokStart);\n        break;\n      }\n    }\n\n    const prop = this.parsePropertyDefinition(isPattern, refExpressionErrors);\n\n    if (!isPattern) {\n      this.checkProto(prop, isRecord, propHash, refExpressionErrors);\n    }\n\n    if (isRecord && prop.type !==\n    \"ObjectProperty\" && prop.type !== \"SpreadElement\") {\n      this.raise(prop.start,\n      ErrorMessages.InvalidRecordProperty);\n    }\n\n    if (prop.shorthand) {\n      this.addExtra(prop, \"shorthand\", true);\n    }\n\n    node.properties.push(prop);\n  }\n\n  this.state.exprAllowed = false;\n  this.next();\n\n  this.state.inFSharpPipelineDirectBody = oldInFSharpPipelineDirectBody;\n\n  let type = \"ObjectExpression\";\n\n  if (isPattern) {\n    type = \"ObjectPattern\";\n  } else if (isRecord) {\n    type = \"RecordExpression\";\n  }\n\n  return this.finishNode(node, type);\n}\n\nmaybeAsyncOrAccessorProp(prop) {\n  return !prop.computed &&\n  prop.key.type === \"Identifier\" && (this.isLiteralPropertyName() ||\n  this.match(types.bracketL) ||\n  this.match(types.star));\n}\n\nparsePropertyDefinition(isPattern, refExpressionErrors) {\n  let decorators =\n  [];\n\n  if (this.match(types.at)) {\n    if (this.hasPlugin(\"decorators\")) {\n      this.raise(this.state.start,\n      ErrorMessages.UnsupportedPropertyDecorator);\n    }\n\n    while (this.match(types.at)) {\n      decorators.push(this.parseDecorator());\n    }\n  }\n\n  const prop = this.startNode();\n  let isGenerator = false;\n  let isAsync = false;\n  let isAccessor = false;\n  let startPos;\n  let startLoc;\n\n  if (this.match(types.ellipsis)) {\n    if (decorators.length) this.unexpected();\n\n    if (isPattern) {\n      this.next();\n      prop.argument =\n      this.parseIdentifier();\n      this.checkCommaAfterRest(125);\n      return this.finishNode(prop,\n      \"RestElement\");\n    }\n\n    return this.parseSpread();\n  }\n\n  if (decorators.length) {\n    prop.decorators =\n    decorators;\n    decorators = [];\n  }\n\n  prop.method = false;\n\n  if (isPattern || refExpressionErrors) {\n    startPos = this.state.start;\n    startLoc = this.state.startLoc;\n  }\n\n  if (!isPattern) {\n    isGenerator =\n    this.eat(types.star);\n  }\n\n  const containsEsc = this.state.containsEsc;\n  const key =\n  this.parsePropertyName(prop, false);\n\n  if (!isPattern && !isGenerator && !containsEsc &&\n  this.maybeAsyncOrAccessorProp(prop)) {\n    const keyName = key.name;\n\n    if (keyName === \"async\" &&\n    !this.hasPrecedingLineBreak()) {\n      isAsync = true;\n      isGenerator = this.eat(types.star);\n    }\n  }\n}

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this.parsePropertyName(prop, false);\n    }\n\n    if (keyName === "get" || keyName === "set") {\n
isAccessor = true;\n    prop.kind = keyName;\n\n    if (this.match(types.star)) {\n        isGenerator = true;\n
    this.raise(this.state.pos, ErrorMessages.AccessorIsGenerator, keyName);\n        this.next();\n    }\n\n
this.parsePropertyName(prop, false);\n    }\n    }\n\n    this.parseObjPropValue(prop, startPos, startLoc,\n
isGenerator, isAsync, isPattern, isAccessor, refExpressionErrors);\n    return prop;\n    }\n\n
getterSetterExpectedParamCount(method) {\n    return method.kind === "get" ? 0 : 1;\n    }\n\n
getObjectOrClassMethodParams(method) {\n    return method.params;\n    }\n\n    checkGetterSetterParams(method)\n
{\n    var _params;\n\n    const paramCount = this.getGetterSetterExpectedParamCount(method);\n    const params =\n
this.getObjectOrClassMethodParams(method);\n    const start = method.start;\n\n    if (params.length !==\n
paramCount) {\n        if (method.kind === "get") {\n            this.raise(start, ErrorMessages.BadGetterArity);\n        }\n
    else {\n        this.raise(start, ErrorMessages.BadSetterArity);\n    }\n    }\n\n    if (method.kind === "set" &&\n
((_params = params[params.length - 1]) == null ? void 0 : _params.type) === "RestElement") {\n
this.raise(start, ErrorMessages.BadSetterRestParameter);\n    }\n    }\n\n    parseObjectMethod(prop, isGenerator,\n
isAsync, isPattern, isAccessor) {\n    if (isAccessor) {\n        this.parseMethod(prop, isGenerator, false, false, false,\n
"ObjectMethod");\n        this.checkGetterSetterParams(prop);\n        return prop;\n    }\n\n    if (isAsync || isGenerator\n
|| this.match(types.parenL)) {\n        if (isPattern) this.unexpected();\n        prop.kind = "method";\n        prop.method =\n
true;\n        return this.parseMethod(prop, isGenerator, isAsync, false, false, "ObjectMethod");\n    }\n    }\n\n
parseObjectProperty(prop, startPos, startLoc, isPattern, refExpressionErrors) {\n    prop.shorthand = false;\n\n    if\n
(this.eat(types.colon)) {\n        prop.value = isPattern ? this.parseMaybeDefault(this.state.start, this.state.startLoc) :\n
this.parseMaybeAssignAllowIn(refExpressionErrors);\n        return this.finishNode(prop, "ObjectProperty");\n
    }\n\n    if (!prop.computed && prop.key.type === "Identifier") {\n        this.checkReservedWord(prop.key.name,\n
prop.key.start, true, false);\n\n        if (isPattern) {\n            prop.value = this.parseMaybeDefault(startPos, startLoc,\n
prop.key.__clone());\n        } else if (this.match(types.eq) && refExpressionErrors) {\n            if\n
(refExpressionErrors.shorthandAssign === -1) {\n                refExpressionErrors.shorthandAssign = this.state.start;\n
            }\n\n            prop.value = this.parseMaybeDefault(startPos, startLoc, prop.key.__clone());\n        } else {\n
prop.value = prop.key.__clone();\n        }\n\n        prop.shorthand = true;\n        return this.finishNode(prop,\n
"ObjectProperty");\n    }\n    }\n\n    parseObjPropValue(prop, startPos, startLoc, isGenerator, isAsync, isPattern,\n
isAccessor, refExpressionErrors) {\n    const node = this.parseObjectMethod(prop, isGenerator, isAsync, isPattern,\n
isAccessor) || this.parseObjectProperty(prop, startPos, startLoc, isPattern, refExpressionErrors);\n    if (!node)\n
this.unexpected();\n    return node;\n    }\n\n    parsePropertyName(prop, isPrivateNameAllowed) {\n    if\n
(this.eat(types.bracketL)) {\n        prop.computed = true;\n        prop.key = this.parseMaybeAssignAllowIn();\n
this.expect(types.bracketR);\n    } else {\n        const oldInPropertyName = this.state.inPropertyName;\n
this.state.inPropertyName = true;\n        prop.key = this.match(types.num) || this.match(types.string) ||\n
this.match(types.bigint) || this.match(types.decimal) ? this.parseExprAtom() :\n
this.parseMaybePrivateName(isPrivateNameAllowed);\n\n        if (prop.key.type !== "PrivateName") {\n
prop.computed = false;\n        }\n\n        this.state.inPropertyName = oldInPropertyName;\n    }\n\n    return prop.key;\n
}\n\n    initFunction(node, isAsync) {\n    node.id = null;\n    node.generator = false;\n    node.async = !!isAsync;\n
}\n\n    parseMethod(node, isGenerator, isAsync, isConstructor, allowDirectSuper, type, inClassScope = false) {\n
this.initFunction(node, isAsync);\n    node.generator = !!isGenerator;\n    const allowModifiers = isConstructor;\n
this.scope.enter(SCOPE_FUNCTION | SCOPE_SUPER | (inClassScope ? SCOPE_CLASS : 0) | (allowDirectSuper\n
? SCOPE_DIRECT_SUPER : 0));\n    this.prodParam.enter(functionFlags(isAsync, node.generator));\n
this.parseFunctionParams(node, allowModifiers);\n    this.parseFunctionBodyAndFinish(node, type, true);\n
this.prodParam.exit();\n    this.scope.exit();\n    return node;\n    }\n\n    parseArrayLike(close, canBePattern, isTuple,\n
refExpressionErrors) {\n    if (isTuple) {\n        this.expectPlugin("recordAndTuple");\n    }\n\n    const\n
oldInFSharpPipelineDirectBody = this.state.inFSharpPipelineDirectBody;\n
this.state.inFSharpPipelineDirectBody = false;\n    const node = this.startNode();\n    this.next();\n    node.elements =\n
this.parseExprList(close, !isTuple, refExpressionErrors, node);\n    this.state.inFSharpPipelineDirectBody =\n
oldInFSharpPipelineDirectBody;\n    return this.finishNode(node, isTuple ? "TupleExpression" :

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"ArrayExpression");\n }\n\n parseArrowExpression(node, params, isAsync, trailingCommaPos) {\n
this.scope.enter(SCOPE_FUNCTION | SCOPE_ARROW);\n let flags = functionFlags(isAsync, false);\n\n if
(!this.match(types.bracketL) && this.prodParam.hasIn) {\n flags |= PARAM_IN;\n }\n\n
this.prodParam.enter(flags);\n this.initFunction(node, isAsync);\n const oldMaybeInArrowParameters =
this.state.maybeInArrowParameters;\n\n if (params) {\n this.state.maybeInArrowParameters = true;\n
this.setArrowFunctionParameters(node, params, trailingCommaPos);\n }\n\n
this.state.maybeInArrowParameters = false;\n this.parseFunctionBody(node, true);\n this.prodParam.exit();\n
this.scope.exit();\n this.state.maybeInArrowParameters = oldMaybeInArrowParameters;\n return
this.finishNode(node, "ArrowFunctionExpression");\n }\n\n setArrowFunctionParameters(node, params,
trailingCommaPos) {\n node.params = this.toAssignableList(params, trailingCommaPos);\n }\n\n
parseFunctionBodyAndFinish(node, type, isMethod = false) {\n this.parseFunctionBody(node, false, isMethod);\n
this.finishNode(node, type);\n }\n\n parseFunctionBody(node, allowExpression, isMethod = false) {\n const
isExpression = allowExpression && !this.match(types.braceL);\n
this.expressionScope.enter(newExpressionScope());\n\n if (isExpression) {\n node.body =
this.parseMaybeAssign();\n this.checkParams(node, false, allowExpression, false);\n } else {\n const
oldStrict = this.state.strict;\n const oldLabels = this.state.labels;\n this.state.labels = [];\n
this.prodParam.enter(this.prodParam.currentFlags() | PARAM_RETURN);\n node.body = this.parseBlock(true,
false, hasStrictModeDirective => {\n const nonSimple = !this.isSimpleParamList(node.params);\n\n if
(hasStrictModeDirective && nonSimple) {\n const errorPos = (node.kind === "method" || node.kind ===
"constructor") && !!node.key ? node.key.end : node.start;\n this.raise(errorPos,
ErrorMessages.IllegalLanguageModeDirective);\n }\n\n const strictModeChanged = !oldStrict &&
this.state.strict;\n this.checkParams(node, !this.state.strict && !allowExpression && !isMethod &&
!nonSimple, allowExpression, strictModeChanged);\n\n if (this.state.strict && node.id) {\n
this.checkLVal(node.id, BIND_OUTSIDE, undefined, "function name", undefined, strictModeChanged);\n }\n
});\n this.prodParam.exit();\n this.expressionScope.exit();\n this.state.labels = oldLabels;\n }\n\n
isSimpleParamList(params) {\n for (let i = 0, len = params.length; i < len; i++) {\n if (params[i].type !==
"Identifier") return false;\n }\n\n return true;\n }\n\n checkParams(node, allowDuplicates, isArrowFunction,
strictModeChanged = true) {\n const nameHash = Object.create(null);\n\n for (let i = 0; i < node.params.length;
i++) {\n this.checkLVal(node.params[i], BIND_VAR, allowDuplicates ? null : nameHash, "function parameter
list", undefined, strictModeChanged);\n }\n }\n\n parseExprList(close, allowEmpty, refExpressionErrors,
nodeForExtra) {\n const elts = [];\n let first = true;\n\n while (!this.eat(close)) {\n if (first) {\n first =
false;\n } else {\n this.expect(types.comma);\n\n if (this.match(close)) {\n if (nodeForExtra) {\n
this.addExtra(nodeForExtra, "trailingComma", this.state.lastTokStart);\n }\n\n this.next();\n
break;\n }\n }\n\n elts.push(this.parseExprListItem(allowEmpty, refExpressionErrors));\n }\n\n return
elts;\n }\n\n parseExprListItem(allowEmpty, refExpressionErrors, refNeedsArrowPos, allowPlaceholder) {\n let
elt;\n\n if (this.match(types.comma)) {\n if (!allowEmpty) {\n this.raise(this.state.pos,
ErrorMessages.UnexpectedToken, ",");\n }\n\n elt = null;\n } else if (this.match(types.ellipsis)) {\n
const spreadNodeStartPos = this.state.start;\n const spreadNodeStartLoc = this.state.startLoc;\n elt =
this.parseParenItem(this.parseSpread(refExpressionErrors, refNeedsArrowPos), spreadNodeStartPos,
spreadNodeStartLoc);\n } else if (this.match(types.question)) {\n this.expectPlugin("partialApplication");\n
if (!allowPlaceholder) {\n this.raise(this.state.start, ErrorMessages.UnexpectedArgumentPlaceholder);\n
}\n\n const node = this.startNode();\n this.next();\n elt = this.finishNode(node,
"ArgumentPlaceholder");\n } else {\n elt = this.parseMaybeAssignAllowIn(refExpressionErrors,
this.parseParenItem, refNeedsArrowPos);\n }\n\n return elt;\n }\n\n parseIdentifier(liberal) {\n const node =
this.startNode();\n const name = this.parseIdentifierName(node.start, liberal);\n return this.createIdentifier(node,
name);\n }\n\n createIdentifier(node, name) {\n node.name = name;\n node.loc.identifierName = name;\n
return this.finishNode(node, "Identifier");\n }\n\n parseIdentifierName(pos, liberal) {\n let name;\n const {\n
start,\n type\n } = this.state;\n\n if (type === types.name) {\n name = this.state.value;\n } else if

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(type.keyword) {\n    name = type.keyword;\n    const curContext = this.curContext();\n\n    if ((type ===
types._class || type === types._function) && (curContext === types$1.functionStatement || curContext ===
types$1.functionExpression)) {\n        this.state.context.pop();\n    }\n } else {\n    throw this.unexpected();\n
}\n\n if (liberal) {\n    this.state.type = types.name;\n } else {\n    this.checkReservedWord(name, start,
!type.keyword, false);\n }\n\n this.next();\n return name;\n }\n\n checkReservedWord(word, startLoc,
checkKeywords, isBinding) {\n    if (this.prodParam.hasYield && word === \"yield\") {\n        this.raise(startLoc,
ErrorMessages.YieldBindingIdentifier);\n        return;\n    }\n\n    if (word === \"await\") {\n        if
(this.prodParam.hasAwait) {\n            this.raise(startLoc, ErrorMessages.AwaitBindingIdentifier);\n            return;\n        }
else {\n            this.expressionScope.recordAsyncArrowParametersError(startLoc,
ErrorMessages.AwaitBindingIdentifier);\n        }\n    }\n\n    if (this.scope.inClass &&
!this.scope.inNonArrowFunction && word === \"arguments\") {\n        this.raise(startLoc,
ErrorMessages.ArgumentsInClass);\n        return;\n    }\n\n    if (checkKeywords && isKeyword(word)) {\n
this.raise(startLoc, ErrorMessages.UnexpectedKeyword, word);\n        return;\n    }\n\n    const reservedTest =
!this.state.strict ? isReservedWord : isBinding ? isStrictBindReservedWord : isStrictReservedWord;\n\n    if
(reservedTest(word, this.inModule)) {\n        if (!this.prodParam.hasAwait && word === \"await\") {\n
this.raise(startLoc, this.hasPlugin(\"topLevelAwait\") ? ErrorMessages.AwaitNotInAsyncContext :
ErrorMessages.AwaitNotInAsyncFunction);\n        } else {\n            this.raise(startLoc,
ErrorMessages.UnexpectedReservedWord, word);\n        }\n    }\n\n    isAwaitAllowed() {\n        if
(this.scope.inFunction) return this.prodParam.hasAwait;\n        if (this.options.allowAwaitOutsideFunction) return
true;\n\n        if (this.hasPlugin(\"topLevelAwait\")) {\n            return this.inModule && this.prodParam.hasAwait;\n
        }\n\n        return false;\n    }\n\n    parseAwait() {\n        const node = this.startNode();\n        this.next();\n
this.expressionScope.recordParameterInitializerError(node.start,
ErrorMessages.AwaitExpressionFormalParameter);\n\n        if (this.eat(types.star)) {\n            this.raise(node.start,
ErrorMessages.ObsoleteAwaitStar);\n        }\n\n        if (!this.scope.inFunction &&
!this.options.allowAwaitOutsideFunction) {\n            if (this.hasPrecedingLineBreak() || this.match(types.plusMin) ||
this.match(types.parenL) || this.match(types.bracketL) || this.match(types.backQuote) || this.match(types.regexp) ||
this.match(types.slash) || this.hasPlugin(\"v8intrinsic\") && this.match(types.modulo)) {\n
this.ambiguousScriptDifferentAst = true;\n        }\n        else {\n            this.sawUnambiguousESM = true;\n        }\n    }\n\n    if
(!this.state.soloAwait) {\n        node.argument = this.parseMaybeUnary();\n    }\n\n    return this.finishNode(node,
\"AwaitExpression\");\n }\n\n    parseYield() {\n        const node = this.startNode();\n
this.expressionScope.recordParameterInitializerError(node.start, ErrorMessages.YieldInParameter);\n
this.next();\n\n        if (this.match(types.semi) || !this.match(types.star) && !this.state.type.startsExpr ||
this.hasPrecedingLineBreak()) {\n            node.delegate = false;\n            node.argument = null;\n        } else {\n
node.delegate = this.eat(types.star);\n            node.argument = this.parseMaybeAssign();\n        }\n\n        return
this.finishNode(node, \"YieldExpression\");\n    }\n\n    checkPipelineAtInfixOperator(left, leftStartPos) {\n        if
(this.getPluginOption(\"pipelineOperator\", \"proposal\") === \"smart\") {\n            if (left.type ===
\"SequenceExpression\") {\n                this.raise(leftStartPos, ErrorMessages.PipelineHeadSequenceExpression);\n            }\n
}\n\n        parseSmartPipelineBody(childExpression, startPos, startLoc) {\n
this.checkSmartPipelineBodyEarlyErrors(childExpression, startPos);\n            return
this.parseSmartPipelineBodyInStyle(childExpression, startPos, startLoc);\n        }\n\n        checkSmartPipelineBodyEarlyErrors(childExpression, startPos) {\n            if (this.match(types.arrow)) {\n                throw
this.raise(this.state.start, ErrorMessages.PipelineBodyNoArrow);\n            } else if (childExpression.type ===
\"SequenceExpression\") {\n                this.raise(startPos, ErrorMessages.PipelineBodySequenceExpression);\n            }\n        }\n\n        parseSmartPipelineBodyInStyle(childExpression, startPos, startLoc) {\n            const bodyNode =
this.startNodeAt(startPos, startLoc);\n            const isSimpleReference = this.isSimpleReference(childExpression);\n\n            if (isSimpleReference) {\n                bodyNode.callee = childExpression;\n            } else {\n                if
(!this.topicReferenceWasUsedInCurrentTopicContext()) {\n                    this.raise(startPos,
ErrorMessages.PipelineTopicUnused);\n                }\n\n                bodyNode.expression = childExpression;\n            }\n\n            return

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this.finishNode(bodyNode, isSimpleReference ? \"PipelineBareFunction\" : \"PipelineTopicExpression\");\n }\n\n isSimpleReference(expression) {\n switch (expression.type) {\n case \"MemberExpression\":\n return !expression.computed && this.isSimpleReference(expression.object);\n case \"Identifier\":\n return true;\n default:\n return false;\n }\n }\n\n withTopicPermittingContext(callback) {\n const outerContextTopicState = this.state.topicContext;\n this.state.topicContext = {\n maxNumOfResolvableTopics: 1,\n maxTopicIndex: null\n };\n try {\n return callback();\n } finally {\n this.state.topicContext = outerContextTopicState;\n }\n }\n\n withTopicForbiddingContext(callback) {\n const outerContextTopicState = this.state.topicContext;\n this.state.topicContext = {\n maxNumOfResolvableTopics: 0,\n maxTopicIndex: null\n };\n try {\n return callback();\n } finally {\n this.state.topicContext = outerContextTopicState;\n }\n }\n\n withSoloAwaitPermittingContext(callback) {\n const outerContextSoloAwaitState = this.state.soloAwait;\n this.state.soloAwait = true;\n try {\n return callback();\n } finally {\n this.state.soloAwait = outerContextSoloAwaitState;\n }\n }\n\n allowInAnd(callback) {\n const flags = this.prodParam.currentFlags();\n const prodParamToSet = PARAM_IN & ~flags;\n if (prodParamToSet) {\n this.prodParam.enter(flags | PARAM_IN);\n try {\n return callback();\n } finally {\n this.prodParam.exit();\n }\n }\n return callback();\n }\n\n disallowInAnd(callback) {\n const flags = this.prodParam.currentFlags();\n const prodParamToClear = PARAM_IN & flags;\n if (prodParamToClear) {\n this.prodParam.enter(flags & ~PARAM_IN);\n try {\n return callback();\n } finally {\n this.prodParam.exit();\n }\n }\n return callback();\n }\n\n registerTopicReference() {\n this.state.topicContext.maxTopicIndex = 0;\n }\n\n primaryTopicReferenceIsAllowedInCurrentTopicContext() {\n return this.state.topicContext.maxNumOfResolvableTopics >= 1;\n }\n\n topicReferenceWasUsedInCurrentTopicContext() {\n return this.state.topicContext.maxTopicIndex != null && this.state.topicContext.maxTopicIndex >= 0;\n }\n\n parseFSharpPipelineBody(prec) {\n const startPos = this.state.start;\n const startLoc = this.state.startLoc;\n this.state.potentialArrowAt = this.state.start;\n const oldInFSharpPipelineDirectBody = this.state.inFSharpPipelineDirectBody;\n this.state.inFSharpPipelineDirectBody = true;\n const ret = this.parseExprOp(this.parseMaybeUnary(), startPos, startLoc, prec);\n this.state.inFSharpPipelineDirectBody = oldInFSharpPipelineDirectBody;\n return ret;\n }\n\n\nconst loopLabel = {\n kind: \"loop\"\n},\n switchLabel = {\n kind: \"switch\"\n};\nconst FUNC_NO_FLAGS = 0b000,\n FUNC_STATEMENT = 0b001,\n FUNC_HANGING_STATEMENT = 0b010,\n FUNC_NULLABLE_ID = 0b100;\nconst loneSurrogate = /[\u00D800-\u00DFFF]/u;\n\nclass StatementParser extends ExpressionParser {\n parseTopLevel(file, program) {\n program.sourceType = this.options.sourceType;\n program.interpreter = this.parseInterpreterDirective();\n this.parseBlockBody(program, true, true, types.eof);\n if (this.inModule && !this.options.allowUndeclaredExports && this.scope.undefinedExports.size > 0) {\n for (let i = 0, _Array$from = Array.from(this.scope.undefinedExports); i < _Array$from.length; i++) {\n const [name] = _Array$from[i];\n const pos = this.scope.undefinedExports.get(name);\n this.raise(pos, ErrorMessages.ModuleExportUndefined, name);\n }\n }\n file.program = this.finishNode(program, \"Program\");\n file.comments = this.state.comments;\n if (this.options.tokens) file.tokens = this.tokens;\n return this.finishNode(file, \"File\");\n }\n\n stmtToDirective(stmt) {\n const expr = stmt.expression;\n const directiveLiteral = this.startNodeAt(expr.start, expr.loc.start);\n const directive = this.startNodeAt(stmt.start, stmt.loc.start);\n const raw = this.input.slice(expr.start, expr.end);\n const val = directiveLiteral.value = raw.slice(1, -1);\n this.addExtra(directiveLiteral, \"raw\", raw);\n this.addExtra(directiveLiteral, \"rawValue\", val);\n directive.value = this.finishNodeAt(directiveLiteral, \"DirectiveLiteral\", expr.end, expr.loc.end);\n return this.finishNodeAt(directive, \"Directive\", stmt.end, stmt.loc.end);\n }\n\n parseInterpreterDirective() {\n if (!this.match(types.interpreterDirective)) {\n return null;\n }\n const node = this.startNode();\n node.value = this.state.value;\n this.next();\n return this.finishNode(node, \"InterpreterDirective\");\n }\n\n isLet(context) {\n if (!this.isContextual(\"let\")) {\n return false;\n }\n const next = this.nextTokenStart();\n const nextCh = this.input.charCodeAt(next);\n if (nextCh === 91) return true;\n if (context) return false;\n if (nextCh === 123) return true;\n if (isIdentifierStart(nextCh)) {\n let pos = next + 1;\n while

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(isIdentifierChar(this.input.charCodeAt(pos))) {\n    ++pos;\n  }\n\n  const ident = this.input.slice(next,\n  pos);\n  if (!keywordRelationalOperator.test(ident)) return true;\n  }\n\n  return false;\n  }\n\n  parseStatement(context, topLevel) {\n    if (this.match(types.at)) {\n      this.parseDecorators(true);\n    }\n\n    return\n    this.parseStatementContent(context, topLevel);\n  }\n\n  parseStatementContent(context, topLevel) {\n    let\n    starttype = this.state.type;\n    const node = this.startNode();\n    let kind;\n\n    if (this.isLet(context)) {\n      starttype = types._var;\n      kind = \"let\";\n    }\n\n    switch (starttype) {\n      case types._break:\n      case\n      types._continue:\n        return this.parseBreakContinueStatement(node, starttype.keyword);\n\n      case\n      types._debugger:\n        return this.parseDebuggerStatement(node);\n\n      case types._do:\n        return\n        this.parseDoStatement(node);\n\n      case types._for:\n        return this.parseForStatement(node);\n\n      case\n      types._function:\n        if (this.lookaheadCharCode() === 46) break;\n\n        if (context) {\n          if (this.state.strict)\n          {\n            this.raise(this.state.start, ErrorMessages.StrictFunction);\n          }\n          else if (context !== \"if\" && context\n          !== \"label\") {\n            this.raise(this.state.start, ErrorMessages.SloppyFunction);\n          }\n        }\n\n        return\n        this.parseFunctionStatement(node, false, !context);\n\n      case types._class:\n        if (context) this.unexpected();\n\n        return this.parseClass(node, true);\n\n      case types._if:\n        return this.parseIfStatement(node);\n\n      case\n      types._return:\n        return this.parseReturnStatement(node);\n\n      case types._switch:\n        return\n        this.parseSwitchStatement(node);\n\n      case types._throw:\n        return this.parseThrowStatement(node);\n\n      case\n      types._try:\n        return this.parseTryStatement(node);\n\n      case types._const:\n      case types._var:\n        kind = kind || this.state.value;\n\n        if (context && kind !== \"var\") {\n          this.raise(this.state.start,\n          ErrorMessages.UnexpectedLexicalDeclaration);\n        }\n\n        return this.parseVarStatement(node, kind);\n\n      case types._while:\n        return this.parseWhileStatement(node);\n\n      case types._with:\n        return\n        this.parseWithStatement(node);\n\n      case types.braceL:\n        return this.parseBlock();\n\n      case types.semi:\n        return this.parseEmptyStatement(node);\n\n      case types._import:\n        {\n          const nextTokenCharCode =\n          this.lookaheadCharCode();\n          if (nextTokenCharCode === 40 || nextTokenCharCode === 46) {\n            break;\n          }\n        }\n\n      case types._export:\n        {\n          if (!this.options.allowImportExportEverywhere\n          && !topLevel) {\n            this.raise(this.state.start, ErrorMessages.UnexpectedImportExport);\n          }\n\n          this.next();\n          let result;\n\n          if (starttype === types._import) {\n            result =\n            this.parseImport(node);\n\n            if (result.type === \"ImportDeclaration\" && (!result.importKind ||\n            result.importKind === \"value\")) {\n              this.sawUnambiguousESM = true;\n            }\n          }\n          else {\n            result = this.parseExport(node);\n\n            if (result.type === \"ExportNamedDeclaration\" && (!result.exportKind\n            || result.exportKind === \"value\") || result.type === \"ExportAllDeclaration\" && (!result.exportKind ||\n            result.exportKind === \"value\") || result.type === \"ExportDefaultDeclaration\") {\n              this.sawUnambiguousESM = true;\n            }\n          }\n\n          this.assertModuleNodeAllowed(node);\n          return result;\n        }\n\n      default:\n        {\n          if (this.isAsyncFunction()) {\n            if (context) {\n              this.raise(this.state.start, ErrorMessages.AsyncFunctionInSingleStatementContext);\n            }\n          }\n\n          this.next();\n          return this.parseFunctionStatement(node, true, !context);\n        }\n    }\n\n    const\n    maybeName = this.state.value;\n    const expr = this.parseExpression();\n\n    if (starttype === types.name &&\n    expr.type === \"Identifier\" && this.eat(types.colon)) {\n      return this.parseLabeledStatement(node, maybeName,\n      expr, context);\n    }\n    else {\n      return this.parseExpressionStatement(node, expr);\n    }\n  }\n\n  }\n\n  }\n\n  assertModuleNodeAllowed(node) {\n    if (!this.options.allowImportExportEverywhere && !this.inModule) {\n      this.raiseWithData(node.start, {\n        code: \"BABEL_PARSER_SOURCETYPE_MODULE_REQUIRED\"\n      }, ErrorMessages.ImportOutsideModule);\n    }\n  }\n\n  takeDecorators(node) {\n    const decorators =\n    this.state.decoratorStack[this.state.decoratorStack.length - 1];\n\n    if (decorators.length) {\n      node.decorators =\n      decorators;\n      this.resetStartLocationFromNode(node, decorators[0]);\n\n      this.state.decoratorStack[this.state.decoratorStack.length - 1] = [];\n    }\n  }\n\n  canHaveLeadingDecorator() {\n    return this.match(types._class);\n  }\n\n  parseDecorators(allowExport) {\n    const currentContextDecorators =\n    this.state.decoratorStack[this.state.decoratorStack.length - 1];\n\n    while (this.match(types.at)) {\n      const\n      decorator = this.parseDecorator();\n      currentContextDecorators.push(decorator);\n    }\n\n    if\n    (this.match(types._export)) {\n      if (!allowExport) {\n        this.unexpected();\n      }\n    }\n  }\n  if

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(this.hasPlugin("decorators") && !this.getPluginOption("decorators", "decoratorsBeforeExport")) {\n
this.raise(this.state.start, ErrorMessages.DecoratorExportClass);\n } else if
(!this.canHaveLeadingDecorator()) {\n throw this.raise(this.state.start,
ErrorMessages.UnexpectedLeadingDecorator);\n } }\n\n parseDecorator() {\n
this.expectOnePlugin(["decorators-legacy", "decorators"]); \n const node = this.startNode(); \n this.next(); \n\n if (this.hasPlugin("decorators")) {\n this.state.decoratorStack.push([]); \n const startPos = this.state.start; \n
const startLoc = this.state.startLoc; \n let expr; \n\n if (this.eat(types.parenL)) {\n expr =
this.parseExpression(); \n this.expect(types.parenR); \n } else {\n expr = this.parseIdentifier(false); \n\n while (this.eat(types.dot)) {\n const node = this.startNodeAt(startPos, startLoc); \n node.object = expr; \n
node.property = this.parseIdentifier(true); \n node.computed = false; \n expr = this.finishNode(node,
"MemberExpression"); \n } \n } \n\n node.expression = this.parseMaybeDecoratorArguments(expr); \n
this.state.decoratorStack.pop(); \n } else {\n node.expression = this.parseExprSubscripts(); \n } \n\n return
this.finishNode(node, "Decorator"); \n } \n\n parseMaybeDecoratorArguments(expr) {\n if
(this.eat(types.parenL)) {\n const node = this.startNodeAtNode(expr); \n node.callee = expr; \n
node.arguments = this.parseCallExpressionArguments(types.parenR, false); \n
this.toReferencedList(node.arguments); \n return this.finishNode(node, "CallExpression"); \n } \n\n return
expr; \n } \n\n parseBreakContinueStatement(node, keyword) {\n const isBreak = keyword === "break"; \n
this.next(); \n\n if (this.isLineTerminator()) {\n node.label = null; \n } else {\n node.label =
this.parseIdentifier(); \n this.semicolon(); \n } \n\n this.verifyBreakContinue(node, keyword); \n return
this.finishNode(node, isBreak ? "BreakStatement" : "ContinueStatement"); \n } \n\n verifyBreakContinue(node,
keyword) {\n const isBreak = keyword === "break"; \n let i; \n\n for (i = 0; i < this.state.labels.length; ++i) {\n
const lab = this.state.labels[i]; \n\n if (node.label == null || lab.name === node.label.name) {\n if (lab.kind
!= null && (isBreak || lab.kind === "loop")) break; \n if (node.label && isBreak) break; \n } \n } \n\n if (i
=== this.state.labels.length) {\n this.raise(node.start, ErrorMessages.IllegalBreakContinue, keyword); \n } \n
} \n\n parseDebuggerStatement(node) {\n this.next(); \n this.semicolon(); \n return this.finishNode(node,
"DebuggerStatement"); \n } \n\n parseHeaderExpression() {\n this.expect(types.parenL); \n const val =
this.parseExpression(); \n this.expect(types.parenR); \n return val; \n } \n\n parseDoStatement(node) {\n
this.next(); \n this.state.labels.push(loopLabel); \n node.body = this.withTopicForbiddingContext(() =>
this.parseStatement("do")); \n this.state.labels.pop(); \n this.expect(types._while); \n node.test =
this.parseHeaderExpression(); \n this.eat(types.semi); \n return this.finishNode(node, "DoWhileStatement"); \n
} \n\n parseForStatement(node) {\n this.next(); \n this.state.labels.push(loopLabel); \n let awaitAt = -1; \n\n if
(this.isAwaitAllowed() && this.eatContextual("await")) {\n awaitAt = this.state.lastTokStart; \n } \n\n
this.scope.enter(SCOPE_OTHER); \n this.expect(types.parenL); \n\n if (this.match(types.semi)) {\n if
(awaitAt > -1) {\n this.unexpected(awaitAt); \n } \n\n return this.parseFor(node, null); \n } \n\n const
isLet = this.isLet(); \n\n if (this.match(types._var) || this.match(types._const) || isLet) {\n const init =
this.startNode(); \n const kind = isLet ? "let" : this.state.value; \n this.next(); \n this.parseVar(init, true,
kind); \n this.finishNode(init, "VariableDeclaration"); \n\n if ((this.match(types._in) ||
this.isContextual("of")) && init.declarations.length === 1) {\n return this.parseForIn(node, init, awaitAt); \n
} \n\n if (awaitAt > -1) {\n this.unexpected(awaitAt); \n } \n\n return this.parseFor(node, init); \n } \n\n
const refExpressionErrors = new ExpressionErrors(); \n const init = this.parseExpression(true,
refExpressionErrors); \n\n if (this.match(types._in) || this.isContextual("of")) {\n this.toAssignable(init); \n
const description = this.isContextual("of") ? "for-of statement" : "for-in statement"; \n this.checkLVal(init,
undefined, undefined, description); \n return this.parseForIn(node, init, awaitAt); \n } else {\n
this.checkExpressionErrors(refExpressionErrors, true); \n } \n\n if (awaitAt > -1) {\n
this.unexpected(awaitAt); \n } \n\n return this.parseFor(node, init); \n } \n\n parseFunctionStatement(node,
isAsync, declarationPosition) {\n this.next(); \n return this.parseFunction(node, FUNC_STATEMENT |
(declarationPosition ? 0 : FUNC_HANGING_STATEMENT), isAsync); \n } \n\n parseIfStatement(node) {\n
this.next(); \n node.test = this.parseHeaderExpression(); \n node.consequent = this.parseStatement("if"); \n

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node.alternate = this.eat(types._else) ? this.parseStatement("\'if\"): null;\n return this.finishNode(node,
\'IfStatement\");\n }\n\n parseReturnStatement(node) {\n if (!this.prodParam.hasReturn &&
!this.options.allowReturnOutsideFunction) {\n this.raise(this.state.start, ErrorMessages.IllegalReturn);\n }\n\n
this.next();\n\n if (this.isLineTerminator()) {\n node.argument = null;\n } else {\n node.argument =
this.parseExpression();\n this.semicolon();\n }\n\n return this.finishNode(node, \'ReturnStatement\");\n }\n\n
parseSwitchStatement(node) {\n this.next();\n node.discriminant = this.parseHeaderExpression();\n const cases
= node.cases = [];\n this.expect(types.braceL);\n this.state.labels.push(switchLabel);\n
this.scope.enter(SCOPE_OTHER);\n let cur;\n\n for (let sawDefault; !this.match(types.braceR);) {\n if
(this.match(types._case) || this.match(types._default)) {\n const isCase = this.match(types._case);\n if (cur)
this.finishNode(cur, \'SwitchCase\");\n cases.push(cur = this.startNode());\n cur.consequent = [];\n
this.next();\n\n if (isCase) {\n cur.test = this.parseExpression();\n } else {\n if (sawDefault) {\n
this.raise(this.state.lastTokStart, ErrorMessages.MultipleDefaultsInSwitch);\n }\n\n sawDefault =
true;\n cur.test = null;\n }\n\n this.expect(types.colon);\n } else {\n if (cur) {\n
cur.consequent.push(this.parseStatement(null));\n } else {\n this.unexpected();\n }\n }\n }\n\n
this.scope.exit();\n if (cur) this.finishNode(cur, \'SwitchCase\");\n this.next();\n this.state.labels.pop();\n
return this.finishNode(node, \'SwitchStatement\");\n }\n\n parseThrowStatement(node) {\n this.next();\n\n if
(this.hasPrecedingLineBreak()) {\n this.raise(this.state.lastTokEnd, ErrorMessages.NewlineAfterThrow);\n
}\n\n node.argument = this.parseExpression();\n this.semicolon();\n return this.finishNode(node,
\'ThrowStatement\");\n }\n\n parseCatchClauseParam() {\n const param = this.parseBindingAtom();\n const
simple = param.type === \'Identifier\");\n this.scope.enter(simple ? SCOPE_SIMPLE_CATCH : 0);\n
this.checkLVal(param, BIND_LEXICAL, null, \'catch clause\");\n return param;\n }\n\n
parseTryStatement(node) {\n this.next();\n node.block = this.parseBlock();\n node.handler = null;\n\n if
(this.match(types._catch)) {\n const clause = this.startNode();\n this.next();\n\n if
(this.match(types.parenL)) {\n this.expect(types.parenL);\n clause.param =
this.parseCatchClauseParam();\n this.expect(types.parenR);\n } else {\n clause.param = null;\n
this.scope.enter(SCOPE_OTHER);\n }\n\n clause.body = this.withTopicForbiddingContext(() =>
this.parseBlock(false, false));\n this.scope.exit();\n node.handler = this.finishNode(clause, \'CatchClause\");\n
}\n\n node.finalizer = this.eat(types._finally) ? this.parseBlock() : null;\n\n if (!node.handler &&
!node.finalizer) {\n this.raise(node.start, ErrorMessages.NoCatchOrFinally);\n }\n\n return
this.finishNode(node, \'TryStatement\");\n }\n\n parseVarStatement(node, kind) {\n this.next();\n
this.parseVar(node, false, kind);\n this.semicolon();\n return this.finishNode(node, \'VariableDeclaration\");\n
}\n\n parseWhileStatement(node) {\n this.next();\n node.test = this.parseHeaderExpression();\n
this.state.labels.push(loopLabel);\n node.body = this.withTopicForbiddingContext(() =>
this.parseStatement("\'while\");\n this.state.labels.pop();\n return this.finishNode(node, \'WhileStatement\");\n
}\n\n parseWithStatement(node) {\n if (this.state.strict) {\n this.raise(this.state.start,
ErrorMessages.StrictWith);\n }\n\n this.next();\n node.object = this.parseHeaderExpression();\n node.body =
this.withTopicForbiddingContext(() => this.parseStatement("\'with\");\n return this.finishNode(node,
\'WithStatement\");\n }\n\n parseEmptyStatement(node) {\n this.next();\n return this.finishNode(node,
\'EmptyStatement\");\n }\n\n parseLabeledStatement(node, maybeName, expr, context) {\n for (let _i2 = 0,
_this$state$labels = this.state.labels; _i2 < _this$state$labels.length; _i2++) {\n const label =
_this$state$labels[_i2];\n\n if (label.name === maybeName) {\n this.raise(expr.start,
ErrorMessages.LabelRedeclaration, maybeName);\n }\n }\n\n const kind = this.state.type.isLoop ? \'loop\' :
this.match(types._switch) ? \'switch\' : null;\n\n for (let i = this.state.labels.length - 1; i >= 0; i--) {\n const
label = this.state.labels[i];\n\n if (label.statementStart === node.start) {\n label.statementStart =
this.state.start;\n label.kind = kind;\n } else {\n break;\n }\n }\n\n this.state.labels.push({\n
name: maybeName,\n kind: kind,\n statementStart: this.state.start\n });\n node.body =
this.parseStatement(context ? context.indexOf("\'label\") === -1 ? context + \'label\' : context : \'label\");\n
this.state.labels.pop();\n node.label = expr;\n return this.finishNode(node, \'LabeledStatement\");\n }\n\n

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parseExpressionStatement(node, expr) {\n  node.expression = expr;\n  this.semicolon();\n  return
this.finishNode(node, \"ExpressionStatement\");\n }\n\n parseBlock(allowDirectives = false,
createNewLexicalScope = true, afterBlockParse) {\n  const node = this.startNode();\n  this.expect(types.braceL);\n\n  if (createNewLexicalScope) {\n    this.scope.enter(SCOPE_OTHER);\n  }\n\n  this.parseBlockBody(node, allowDirectives, false, types.braceR, afterBlockParse);\n\n  if
(createNewLexicalScope) {\n    this.scope.exit();\n  }\n\n  return this.finishNode(node, \"BlockStatement\");\n
}\n\n isValidDirective(stmt) {\n  return stmt.type === \"ExpressionStatement\" && stmt.expression.type ===
\"StringLiteral\" && !stmt.expression.extra.parenthesized;\n }\n\n parseBlockBody(node, allowDirectives,
topLevel, end, afterBlockParse) {\n  const body = node.body = [];\n  const directives = node.directives = [];\n  this.parseBlockOrModuleBlockBody(body, allowDirectives ? directives : undefined, topLevel, end,
afterBlockParse);\n }\n\n parseBlockOrModuleBlockBody(body, directives, topLevel, end, afterBlockParse) {\n
const octalPositions = [];\n  const oldStrict = this.state.strict;\n  let hasStrictModeDirective = false;\n  let
parsedNonDirective = false;\n\n  while (!this.match(end)) {\n    if (!parsedNonDirective &&
this.state.octalPositions.length) {\n      octalPositions.push(...this.state.octalPositions);\n    }\n\n    const stmt =
this.parseStatement(null, topLevel);\n\n    if (directives && !parsedNonDirective && this.isValidDirective(stmt))
{\n      const directive = this.stmtToDirective(stmt);\n      directives.push(directive);\n\n      if
(!hasStrictModeDirective && directive.value.value === \"use strict\") {\n        hasStrictModeDirective = true;\n
        this.setStrict(true);\n      }\n\n      continue;\n    }\n\n    parsedNonDirective = true;\n    body.push(stmt);\n
}\n\n  if (this.state.strict && octalPositions.length) {\n    for (let _i3 = 0; _i3 < octalPositions.length; _i3++) {\n
      const pos = octalPositions[_i3];\n      this.raise(pos, ErrorMessages.StrictOctalLiteral);\n    }\n  }\n\n  if
(afterBlockParse) {\n    afterBlockParse.call(this, hasStrictModeDirective);\n  }\n\n  if (!oldStrict) {\n
this.setStrict(false);\n  }\n\n  this.next();\n }\n\n parseFor(node, init) {\n  node.init = init;\n  this.expect(types.semi);\n  node.test = this.match(types.semi) ? null : this.parseExpression();\n  this.expect(types.semi);\n  node.update = this.match(types.parenR) ? null : this.parseExpression();\n  this.expect(types.parenR);\n  node.body = this.withTopicForbiddingContext(() => this.parseStatement(\"for\"));\n  this.scope.exit();\n  this.state.labels.pop();\n  return this.finishNode(node, \"ForStatement\");\n }\n\n
parseForIn(node, init, awaitAt) {\n  const isForIn = this.match(types._in);\n  this.next();\n\n  if (isForIn) {\n    if
(awaitAt > -1) this.unexpected(awaitAt);\n  } else {\n    node.await = awaitAt > -1;\n  }\n\n  if (init.type ===
\"VariableDeclaration\" && init.declarations[0].init != null && (!isForIn || this.state.strict || init.kind !== \"var\" ||
init.declarations[0].id.type !== \"Identifier\")) {\n    this.raise(init.start, ErrorMessages.ForInOfLoopInitializer,
isForIn ? \"for-in\" : \"for-of\");\n  } else if (init.type === \"AssignmentPattern\") {\n    this.raise(init.start,
ErrorMessages.InvalidLhs, \"for-loop\");\n  }\n\n  node.left = init;\n  node.right = isForIn ?
this.parseExpression() : this.parseMaybeAssignAllowIn();\n  this.expect(types.parenR);\n  node.body =
this.withTopicForbiddingContext(() => this.parseStatement(\"for\"));\n  this.scope.exit();\n  this.state.labels.pop();\n  return this.finishNode(node, isForIn ? \"ForInStatement\" : \"ForOfStatement\");\n }\n\n
parseVar(node, isFor, kind) {\n  const declarations = node.declarations = [];\n  const isTypescript =
this.hasPlugin(\"typescript\");\n  node.kind = kind;\n\n  for (;) {\n    const decl = this.startNode();\n    this.parseVarId(decl, kind);\n\n    if (this.eat(types.eq)) {\n      decl.init = isFor ?
this.parseMaybeAssignDisallowIn() : this.parseMaybeAssignAllowIn();\n    } else {\n      if (kind === \"const\"
&& !(this.match(types._in) || this.isContextual(\"of\"))) {\n        if (!isTypescript) {\n
this.raise(this.state.lastTokEnd, ErrorMessages.DeclarationMissingInitializer, \"Const declarations\");\n        }\n
      } else if (decl.id.type !== \"Identifier\" && !(isFor && (this.match(types._in) || this.isContextual(\"of\")))) {\n
this.raise(this.state.lastTokEnd, ErrorMessages.DeclarationMissingInitializer, \"Complex binding patterns\");\n
      }\n\n      decl.init = null;\n    }\n\n    declarations.push(this.finishNode(decl, \"VariableDeclarator\"));\n    if
(!this.eat(types.comma)) break;\n  }\n\n  return node;\n }\n\n parseVarId(decl, kind) {\n  decl.id =
this.parseBindingAtom();\n  this.checkLVal(decl.id, kind === \"var\" ? BIND_VAR : BIND_LEXICAL,
undefined, \"variable declaration\", kind !== \"var\");\n }\n\n parseFunction(node, statement =
FUNC_NO_FLAGS, isAsync = false) {\n  const isStatement = statement & FUNC_STATEMENT;\n  const

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isHangingStatement = statement & FUNC_HANGING_STATEMENT;\n  const requireId = !!isStatement &&
!(statement & FUNC_NULLABLE_ID);\n  this.initFunction(node, isAsync);\n\n  if (this.match(types.star) &&
isHangingStatement) {\n    this.raise(this.state.start, ErrorMessages.GeneratorInSingleStatementContext);\n  }\n\n  node.generator = this.eat(types.star);\n\n  if (isStatement) {\n    node.id = this.parseFunctionId(requireId);\n  }\n\n  const oldMaybeInArrowParameters = this.state.maybeInArrowParameters;\n  this.state.maybeInArrowParameters = false;\n  this.scope.enter(SCOPE_FUNCTION);\n  this.prodParam.enter(functionFlags(isAsync, node.generator));\n\n  if (!isStatement) {\n    node.id =
this.parseFunctionId();\n  }\n\n  this.parseFunctionParams(node, false);\n  this.withTopicForbiddingContext(()
=> {\n    this.parseFunctionBodyAndFinish(node, isStatement ? \"FunctionDeclaration\" :
\"FunctionExpression\");\n  });\n  this.prodParam.exit();\n  this.scope.exit();\n\n  if (isStatement &&
!isHangingStatement) {\n    this.registerFunctionStatementId(node);\n  }\n\n  this.state.maybeInArrowParameters = oldMaybeInArrowParameters;\n  return node;\n }\n\n parseFunctionId(requireId) {\n  return requireId || this.match(types.name) ? this.parseIdentifier() : null;\n }\n\n parseFunctionParams(node, allowModifiers) {\n  this.expect(types.parenL);\n  this.expressionScope.enter(newParameterDeclarationScope());\n  node.params =
this.parseBindingList(types.parenR, 41, false, allowModifiers);\n  this.expressionScope.exit();\n }\n\n registerFunctionStatementId(node) {\n  if (!node.id) return;\n  this.scope.declareName(node.id.name,
this.state.strict || node.generator || node.async ? this.scope.treatFunctionsAsVar ? BIND_VAR : BIND_LEXICAL :
BIND_FUNCTION, node.id.start);\n }\n\n parseClass(node, isStatement, optionalId) {\n  this.next();\n  this.takeDecorators(node);\n  const oldStrict = this.state.strict;\n  this.state.strict = true;\n  this.parseClassId(node, isStatement, optionalId);\n  this.parseClassSuper(node);\n  node.body =
this.parseClassBody(!node.superClass, oldStrict);\n  return this.finishNode(node, isStatement ?
\"ClassDeclaration\" : \"ClassExpression\");\n }\n\n isClassProperty() {\n  return this.match(types.eq) ||
this.match(types.semi) || this.match(types.braceR);\n }\n\n isClassMethod() {\n  return
this.match(types.parenL);\n }\n\n isNonstaticConstructor(method) {\n  return !method.computed &&
!method.static && (method.key.name === \"constructor\" || method.key.value === \"constructor\");\n }\n\n parseClassBody(constructorAllowsSuper, oldStrict) {\n  this.classScope.enter();\n  const state = {\n
constructorAllowsSuper,\n    hadConstructor: false,\n    hadStaticBlock: false\n  };\n  let decorators = [];\n  const classBody = this.startNode();\n  classBody.body = [];\n  this.expect(types.braceL);\n  this.withTopicForbiddingContext(() => {\n    while (!this.match(types.braceR)) {\n      if (this.eat(types.semi)) {\n
if (decorators.length > 0) {\n        throw this.raise(this.state.lastTokEnd,
ErrorMessages.DecoratorSemicolon);\n      }\n      continue;\n    }\n\n    if (this.match(types.at)) {\n
decorators.push(this.parseDecorator());\n      continue;\n    }\n\n    const member = this.startNode();\n\n    if (decorators.length) {\n      member.decorators = decorators;\n      this.resetStartLocationFromNode(member,
decorators[0]);\n      decorators = [];\n    }\n\n    this.parseClassMember(classBody, member, state);\n\n    if (member.kind === \"constructor\" && member.decorators && member.decorators.length > 0) {\n
this.raise(member.start, ErrorMessages.DecoratorConstructor);\n    }\n\n    });\n  this.state.strict =
oldStrict;\n  this.next();\n\n  if (decorators.length) {\n    throw this.raise(this.state.start,
ErrorMessages.TrailingDecorator);\n  }\n\n  this.classScope.exit();\n  return this.finishNode(classBody,
\"ClassBody\");\n }\n\n parseClassMemberFromModifier(classBody, member) {\n  const key =
this.parseIdentifier(true);\n\n  if (this.isClassMethod()) {\n    const method = member;\n    method.kind =
\"method\";\n    method.computed = false;\n    method.key = key;\n    method.static = false;\n    this.pushClassMethod(classBody, method, false, false, false, false);\n    return true;\n  } else if
(this.isClassProperty()) {\n    const prop = member;\n    prop.computed = false;\n    prop.key = key;\n    prop.static = false;\n    classBody.body.push(this.parseClassProperty(prop));\n    return true;\n  }\n\n  return
false;\n }\n\n parseClassMember(classBody, member, state) {\n  const isStatic = this.isContextual(\"static\");\n  if (isStatic) {\n    if (this.parseClassMemberFromModifier(classBody, member)) {\n      return;\n    }\n\n    if
(this.eat(types.braceL)) {\n      this.parseClassStaticBlock(classBody, member, state);\n      return;\n    }\n  }\n\n }

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    this.parseClassMemberWithIsStatic(classBody, member, state, isStatic);\n }
\n\n
parseClassMemberWithIsStatic(classBody, member, state, isStatic) {\n  const publicMethod = member;\n  const privateMethod = member;\n  const publicProp = member;\n  const privateProp = member;\n  const method = publicMethod;\n  const publicMember = publicMethod;\n  member.static = isStatic;\n\n  if (this.eat(types.star)) {\n    method.kind = \"method\";\n    this.parseClassElementName(method);\n\n    if (method.key.type === \"PrivateName\") {\n      this.pushClassPrivateMethod(classBody, privateMethod, true, false);\n      return;\n    }\n\n    if (this.isNonstaticConstructor(publicMethod)) {\n      this.raise(publicMethod.key.start, ErrorMessages.ConstructorIsGenerator);\n    }\n\n    this.pushClassMethod(classBody, publicMethod, true, false, false, false);\n    return;\n  }\n\n  const containsEsc = this.state.containsEsc;\n  const key = this.parseClassElementName(member);\n  const isPrivate = key.type === \"PrivateName\";\n  const isSimple = key.type === \"Identifier\";\n  const maybeQuestionTokenStart = this.state.start;\n  this.parsePostMemberNameModifiers(publicMember);\n\n  if (this.isClassMethod()) {\n    method.kind = \"method\";\n\n    if (isPrivate) {\n      this.pushClassPrivateMethod(classBody, privateMethod, false, false);\n      return;\n    }\n\n    const isConstructor = this.isNonstaticConstructor(publicMethod);\n    let allowsDirectSuper = false;\n\n    if (isConstructor) {\n      publicMethod.kind = \"constructor\";\n\n      if (state.hadConstructor && !this.hasPlugin(\"typescript\")) {\n        this.raise(key.start, ErrorMessages.DuplicateConstructor);\n      }\n\n      state.hadConstructor = true;\n      allowsDirectSuper = state.constructorAllowsSuper;\n    }\n\n    this.pushClassMethod(classBody, publicMethod, false, false, isConstructor, allowsDirectSuper);\n  } else if (this.isClassProperty()) {\n    if (isPrivate) {\n      this.pushClassPrivateProperty(classBody, privateProp);\n    } else {\n      this.pushClassProperty(classBody, publicProp);\n    }\n  } else if (isSimple && key.name === \"async\" && !containsEsc && !this.isLineTerminator()) {\n    const isGenerator = this.eat(types.star);\n\n    if (publicMember.optional) {\n      this.unexpected(maybeQuestionTokenStart);\n    }\n\n    method.kind = \"method\";\n    this.parseClassElementName(method);\n    this.parsePostMemberNameModifiers(publicMember);\n\n    if (method.key.type === \"PrivateName\") {\n      this.pushClassPrivateMethod(classBody, privateMethod, isGenerator, true);\n    } else {\n      if (this.isNonstaticConstructor(publicMethod)) {\n        this.raise(publicMethod.key.start, ErrorMessages.ConstructorIsAsync);\n      }\n\n      this.pushClassMethod(classBody, publicMethod, isGenerator, true, false, false);\n    }\n  } else if (isSimple && (key.name === \"get\" || key.name === \"set\") && !containsEsc && !(this.match(types.star) && this.isLineTerminator())) {\n    method.kind = key.name;\n    this.parseClassElementName(publicMethod);\n\n    if (method.key.type === \"PrivateName\") {\n      this.pushClassPrivateMethod(classBody, privateMethod, false, false);\n    } else {\n      if (this.isNonstaticConstructor(publicMethod)) {\n        this.raise(publicMethod.key.start, ErrorMessages.ConstructorIsAccessor);\n      }\n\n      this.pushClassMethod(classBody, publicMethod, false, false, false, false);\n    }\n\n    this.checkGetterSetterParams(publicMethod);\n  } else if (this.isLineTerminator()) {\n    if (isPrivate) {\n      this.pushClassPrivateProperty(classBody, privateProp);\n    } else {\n      this.pushClassProperty(classBody, publicProp);\n    }\n  } else {\n    this.unexpected();\n  }\n}\n\n\nparseClassElementName(member) {\n  const key = this.parsePropertyName(member, true);\n\n  if (!member.computed && member.static && (key.name === \"prototype\" || key.value === \"prototype\")) {\n    this.raise(key.start, ErrorMessages.StaticPrototype);\n  }\n\n  if (key.type === \"PrivateName\" && key.id.name === \"constructor\") {\n    this.raise(key.start, ErrorMessages.ConstructorClassPrivateField);\n  }\n\n  return key;\n}\n\n\nparseClassStaticBlock(classBody, member, state) {\n  var _member$decorators;\n\n  this.expectPlugin(\"classStaticBlock\", member.start);\n  this.scope.enter(SCOPE_CLASS | SCOPE_SUPER);\n  this.expressionScope.enter(new ExpressionScope());\n  const oldLabels = this.state.labels;\n  this.state.labels = [];\n  this.prodParam.enter(PARAM);\n  const body = member.body = [];\n\n  this.parseBlockOrModuleBlockBody(body, undefined, false, types.braceR);\n  this.prodParam.exit();\n  this.expressionScope.exit();\n  this.scope.exit();\n  this.state.labels = oldLabels;\n\n  classBody.body.push(this.finishNode(member, \"StaticBlock\"));\n\n  if (state.hadStaticBlock) {\n    this.raise(member.start, ErrorMessages.DuplicateStaticBlock);\n  }\n\n  if ((_member$decorators =

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member.decorators) == null ? void 0 : _member$decorators.length) {\n  this.raise(member.start,
ErrorMessages.DecoratorStaticBlock);\n }\n\n state.hadStaticBlock = true;\n }\n\n
pushClassProperty(classBody, prop) {\n  if (!prop.computed && (prop.key.name === \"constructor\" ||
prop.key.value === \"constructor\")) {\n    this.raise(prop.key.start, ErrorMessages.ConstructorClassField);\n
}\n\n  classBody.body.push(this.parseClassProperty(prop));\n }\n\n  pushClassPrivateProperty(classBody, prop)
{\n  this.expectPlugin(\"classPrivateProperties\", prop.key.start);\n  const node =
this.parseClassPrivateProperty(prop);\n  classBody.body.push(node);\n
this.classScope.declarePrivateName(node.key.id.name, CLASS_ELEMENT_OTHER, node.key.start);\n }\n\n
pushClassMethod(classBody, method, isGenerator, isAsync, isConstructor, allowsDirectSuper) {\n
classBody.body.push(this.parseMethod(method, isGenerator, isAsync, isConstructor, allowsDirectSuper,
\"ClassMethod\", true));\n }\n\n  pushClassPrivateMethod(classBody, method, isGenerator, isAsync) {\n
this.expectPlugin(\"classPrivateMethods\", method.key.start);\n  const node = this.parseMethod(method,
isGenerator, isAsync, false, false, \"ClassPrivateMethod\", true);\n  classBody.body.push(node);\n  const kind =
node.kind === \"get\" ? node.static ? CLASS_ELEMENT_STATIC_GETTER :
CLASS_ELEMENT_INSTANCE_GETTER : node.kind === \"set\" ? node.static ?
CLASS_ELEMENT_STATIC_SETTER : CLASS_ELEMENT_INSTANCE_SETTER :
CLASS_ELEMENT_OTHER;\n  this.classScope.declarePrivateName(node.key.id.name, kind, node.key.start);\n
}\n\n  parsePostMemberNameModifiers(methodOrProp) {\n\n  parseClassPrivateProperty(node) {\n
this.parseInitializer(node);\n  this.semicolon();\n  return this.finishNode(node, \"ClassPrivateProperty\");\n }\n\n
parseClassProperty(node) {\n  if (!node.typeAnnotation || this.match(types.eq)) {\n
this.expectPlugin(\"classProperties\");\n }\n\n  this.parseInitializer(node);\n  this.semicolon();\n  return
this.finishNode(node, \"ClassProperty\");\n }\n\n  parseInitializer(node) {\n  this.scope.enter(SCOPE_CLASS |
SCOPE_SUPER);\n  this.expressionScope.enter(new ExpressionScope());\n  this.prodParam.enter(PARAM);\n
node.value = this.eat(types.eq) ? this.parseMaybeAssignAllowIn() : null;\n  this.expressionScope.exit();\n
this.prodParam.exit();\n  this.scope.exit();\n }\n\n  parseClassId(node, isStatement, optionalId, bindingType =
BIND_CLASS) {\n  if (this.match(types.name)) {\n    node.id = this.parseIdentifier();\n\n    if (isStatement) {\n
this.checkLVal(node.id, bindingType, undefined, \"class name\");\n    }\n  } else {\n    if (optionalId ||
!isStatement) {\n      node.id = null;\n    } else {\n      this.unexpected(null,
ErrorMessages.MissingClassName);\n    }\n  }\n\n  parseClassSuper(node) {\n    node.superClass =
this.eat(types._extends) ? this.parseExprSubscripts() : null;\n  }\n\n  parseExport(node) {\n    const hasDefault =
this.maybeParseExportDefaultSpecifier(node);\n    const parseAfterDefault = !hasDefault || this.eat(types.comma);\n
const hasStar = parseAfterDefault && this.eatExportStar(node);\n    const hasNamespace = hasStar &&
this.maybeParseExportNamespaceSpecifier(node);\n    const parseAfterNamespace = parseAfterDefault &&
(!hasNamespace || this.eat(types.comma));\n    const isFromRequired = hasDefault || hasStar;\n\n    if (hasStar &&
!hasNamespace) {\n      if (hasDefault) this.unexpected();\n      this.parseExportFrom(node, true);\n      return
this.finishNode(node, \"ExportAllDeclaration\");\n    }\n\n    const hasSpecifiers =
this.maybeParseExportNamedSpecifiers(node);\n\n    if (hasDefault && parseAfterDefault && !hasStar &&
!hasSpecifiers || hasNamespace && parseAfterNamespace && !hasSpecifiers) {\n      throw this.unexpected(null,
types.braceL);\n    }\n\n    let hasDeclaration;\n\n    if (isFromRequired || hasSpecifiers) {\n      hasDeclaration =
false;\n      this.parseExportFrom(node, isFromRequired);\n    } else {\n      hasDeclaration =
this.maybeParseExportDeclaration(node);\n    }\n\n    if (isFromRequired || hasSpecifiers || hasDeclaration) {\n
this.checkExport(node, true, false, !!node.source);\n    return this.finishNode(node,
\"ExportNamedDeclaration\");\n    }\n\n    if (this.eat(types._default)) {\n      node.declaration =
this.parseExportDefaultExpression();\n      this.checkExport(node, true, true);\n      return this.finishNode(node,
\"ExportDefaultDeclaration\");\n    }\n\n    throw this.unexpected(null, types.braceL);\n    }\n\n    eatExportStar(node)
{\n      return this.eat(types.star);\n    }\n\n    maybeParseExportDefaultSpecifier(node) {\n      if
(this.isExportDefaultSpecifier()) {\n        this.expectPlugin(\"exportDefaultFrom\");\n        const specifier =
this.startNode();\n        specifier.exported = this.parseIdentifier(true);\n        node.specifiers =

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[this.finishNode(specifier, \"ExportDefaultSpecifier\");\n  return true;\n }\n\n return false;\n }\n\n maybeParseExportNamespaceSpecifier(node) {\n  if (this.isContextual(\"as\")) {\n    if (!node.specifiers)\n      node.specifiers = [];\n    const specifier = this.startNodeAt(this.state.lastTokStart, this.state.lastTokStartLoc);\n    this.next();\n    specifier.exported = this.parseModuleExportName();\n    node.specifiers.push(this.finishNode(specifier, \"ExportNamespaceSpecifier\"));\n    return true;\n  }\n\n  return false;\n }\n\n maybeParseExportNamedSpecifiers(node) {\n  if (this.match(types.braceL)) {\n    if (!node.specifiers) node.specifiers = [];\n    node.specifiers.push(...this.parseExportSpecifiers());\n    node.source = null;\n    node.declaration = null;\n    return true;\n  }\n\n  return false;\n }\n\n maybeParseExportDeclaration(node) {\n  if (this.shouldParseExportDeclaration()) {\n    node.specifiers = [];\n    node.source = null;\n    node.declaration = this.parseExportDeclaration(node);\n    return true;\n  }\n\n  return false;\n }\n\n isAsyncFunction() {\n  if (!this.isContextual(\"async\")) return false;\n  const next = this.nextTokenStart();\n  return !lineBreak.test(this.input.slice(this.state.pos, next)) &&\n    this.isUnparsedContextual(next, \"function\");\n }\n\n parseExportDefaultExpression() {\n  const expr = this.startNode();\n  const isAsync = this.isAsyncFunction();\n\n  if (this.match(types._function) || isAsync) {\n    this.next();\n\n    if (isAsync) {\n      this.next();\n    }\n\n    return this.parseFunction(expr, FUNC_STATEMENT | FUNC_NULLABLE_ID, isAsync);\n  } else if (this.match(types._class)) {\n    return this.parseClass(expr, true, true);\n  } else if (this.match(types.at)) {\n    if (this.hasPlugin(\"decorators\") &&\n      this.getPluginOption(\"decorators\", \"decoratorsBeforeExport\")) {\n      this.raise(this.state.start, ErrorMessages.DecoratorBeforeExport);\n    }\n\n    this.parseDecorators(false);\n    return this.parseClass(expr, true, true);\n  } else if (this.match(types._const) || this.match(types._var) || this.isLet()) {\n    throw this.raise(this.state.start, ErrorMessages.UnsupportedDefaultExport);\n  } else {\n    const res = this.parseMaybeAssignAllowIn();\n    this.semicolon();\n    return res;\n  }\n }\n\n parseExportDeclaration(node) {\n  return this.parseStatement(null);\n }\n\n isExportDefaultSpecifier() {\n  if (this.match(types.name)) {\n    const value = this.state.value;\n\n    if (value === \"async\" &&\n      !this.state.containsEsc || value === \"let\") {\n      return false;\n    }\n\n    if ((value === \"type\" || value === \"interface\") &&\n      !this.state.containsEsc) {\n      const l = this.lookahead();\n\n      if (l.type === types.name &&\n        l.value !== \"from\" || l.type === types.braceL) {\n        this.expectOnePlugin([\"flow\", \"typescript\"]);\n        return false;\n      }\n    }\n  } else if (!this.match(types._default)) {\n    return false;\n  }\n\n  const next = this.nextTokenStart();\n  const hasFrom = this.isUnparsedContextual(next, \"from\");\n\n  if (this.input.charCodeAt(next) === 44 || this.match(types.name) && hasFrom) {\n    return true;\n  }\n\n  if (this.match(types._default) && hasFrom) {\n    const nextAfterFrom = this.input.charCodeAt(this.nextTokenStartSince(next + 4));\n    return nextAfterFrom === 34 || nextAfterFrom === 39;\n  }\n\n  return false;\n }\n\n parseExportFrom(node, expect) {\n  if (this.eatContextual(\"from\")) {\n    node.source = this.parseImportSource();\n    this.checkExport(node);\n    const assertions = this.maybeParseImportAssertions();\n\n    if (assertions) {\n      node.assertions = assertions;\n    }\n  } else {\n    if (expect) {\n      this.unexpected();\n    }\n\n    node.source = null;\n  }\n\n  this.semicolon();\n\n  shouldParseExportDeclaration() {\n    if (this.match(types.at)) {\n      this.expectOnePlugin([\"decorators\", \"decorators-legacy\"]);\n\n      if (this.hasPlugin(\"decorators\")) {\n        if (this.getPluginOption(\"decorators\", \"decoratorsBeforeExport\")) {\n          this.unexpected(this.state.start, ErrorMessages.DecoratorBeforeExport);\n        }\n      } else {\n        return true;\n      }\n    }\n  }\n\n  return this.state.type.keyword === \"var\" ||\n    this.state.type.keyword === \"const\" || this.state.type.keyword === \"function\" ||\n    this.state.type.keyword === \"class\" || this.isLet() || this.isAsyncFunction();\n }\n\n checkExport(node, checkNames, isDefault, isFrom) {\n  if (checkNames) {\n    if (isDefault) {\n      this.checkDuplicateExports(node, \"default\");\n\n      if (this.hasPlugin(\"exportDefaultFrom\")) {\n        var _declaration$extra;\n        const declaration = node.declaration;\n\n        if (declaration.type === \"Identifier\" && declaration.name === \"from\" &&\n          declaration.end - declaration.start === 4 && !((_declaration$extra = declaration.extra) == null ? void 0 :\n            _declaration$extra.parenthesized)) {\n          this.raise(declaration.start, ErrorMessages.ExportDefaultFromAsIdentifier);\n        }\n      }\n    }\n  } else if (node.specifiers &&

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node.specifiers.length) {\n    for (let _i4 = 0, _node$specifiers = node.specifiers; _i4 < _node$specifiers.length;
_i4++) {\n        const specifier = _node$specifiers[_i4];\n        const {\n            exported\n        } = specifier;\n        const exportedName = exported.type === \"Identifier\" ? exported.name : exported.value;\n        this.checkDuplicateExports(specifier, exportedName);\n        if (!isFrom && specifier.local) {\n            const {\n                local\n            } = specifier;\n            if (local.type === \"StringLiteral\") {\n                this.raise(specifier.start, ErrorMessages.ExportBindingIsString, local.extra.raw, exportedName);\n            } else {\n                this.checkReservedWord(local.name, local.start, true, false);\n                this.scope.checkLocalExport(local);\n            }\n        }\n    } else if (node.declaration) {\n        if (node.declaration.type ===
\"FunctionDeclaration\" || node.declaration.type === \"ClassDeclaration\") {\n            const id = node.declaration.id;\n            if (!id) throw new Error(\"Assertion failure\");\n            this.checkDuplicateExports(node, id.name);\n        } else
if (node.declaration.type === \"VariableDeclaration\") {\n            for (let _i5 = 0, _node$declaration$dec =
node.declaration.declarations; _i5 < _node$declaration$dec.length; _i5++) {\n                const declaration =
_node$declaration$dec[_i5];\n                this.checkDeclaration(declaration.id);\n            }\n        }\n    }\n    const currentContextDecorators = this.state.decoratorStack[this.state.decoratorStack.length - 1];\n    if
(currentContextDecorators.length) {\n        throw this.raise(node.start,
ErrorMessages.UnsupportedDecoratorExport);\n    }\n    checkDeclaration(node) {\n        if (node.type ===
\"Identifier\") {\n            this.checkDuplicateExports(node, node.name);\n        } else if (node.type === \"ObjectPattern\")
{\n            for (let _i6 = 0, _node$properties = node.properties; _i6 < _node$properties.length; _i6++) {\n                const
prop = _node$properties[_i6];\n                this.checkDeclaration(prop);\n            }\n        } else if (node.type ===
\"ArrayPattern\") {\n            for (let _i7 = 0, _node$elements = node.elements; _i7 < _node$elements.length; _i7++) {\n
                const elem = _node$elements[_i7];\n                if (elem) {\n                    this.checkDeclaration(elem);\n                }\n            }\n        }
else if (node.type === \"ObjectProperty\") {\n            this.checkDeclaration(node.value);\n        } else if (node.type ===
\"RestElement\") {\n            this.checkDeclaration(node.argument);\n        } else if (node.type === \"AssignmentPattern\")
{\n            this.checkDeclaration(node.left);\n        }\n    }\n    checkDuplicateExports(node, name) {\n        if
(this.state.exportedIdentifiers.indexOf(name) > -1) {\n            this.raise(node.start, name === \"default\" ?
ErrorMessages.DuplicateDefaultExport : ErrorMessages.DuplicateExport, name);\n        }\n    }\n    this.state.exportedIdentifiers.push(name);\n    }\n    parseExportSpecifiers() {\n        const nodes = [];\n        let first =
true;\n        this.expect(types.braceL);\n        while (!this.eat(types.braceR)) {\n            if (first) {\n                first = false;\n            }
else {\n                this.expect(types.comma);\n                if (this.eat(types.braceR)) break;\n            }\n            const node =
this.startNode();\n            node.local = this.parseModuleExportName();\n            node.exported = this.eatContextual(\"as\")
? this.parseModuleExportName() : node.local.__clone();\n            nodes.push(this.finishNode(node,
\"ExportSpecifier\"));\n        }\n        return nodes;\n    }\n    parseModuleExportName() {\n        if
(this.match(types.string)) {\n            this.expectPlugin(\"moduleStringNames\");\n            const result =
this.parseLiteral(this.state.value, \"StringLiteral\");\n            const surrogate = result.value.match(loneSurrogate);\n            if (surrogate) {\n                this.raise(result.start, ErrorMessages.ModuleExportNameHasLoneSurrogate,
surrogate[0].charCodeAt(0).toString(16));\n            }\n            return result;\n        }\n        return this.parseIdentifier(true);\n    }\n    }\n    parseImport(node) {\n        node.specifiers = [];\n        if (!this.match(types.string)) {\n            const hasDefault =
this.maybeParseDefaultImportSpecifier(node);\n            const parseNext = !hasDefault || this.eat(types.comma);\n            const hasStar = parseNext && this.maybeParseStarImportSpecifier(node);\n            if (parseNext && !hasStar)
this.parseNamedImportSpecifiers(node);\n            this.expectContextual(\"from\");\n        }\n        node.source =
this.parseImportSource();\n        const assertions = this.maybeParseImportAssertions();\n        if (assertions) {\n            node.assertions = assertions;\n        } else {\n            const attributes = this.maybeParseModuleAttributes();\n            if
(attributes) {\n                node.attributes = attributes;\n            }\n        }\n        this.semicolon();\n        return
this.finishNode(node, \"ImportDeclaration\");\n    }\n    parseImportSource() {\n        if (!this.match(types.string))
this.unexpected();\n        return this.parseExprAtom();\n    }\n    }\n    shouldParseDefaultImport(node) {\n        return
this.match(types.name);\n    }\n    }\n    parseImportSpecifierLocal(node, specifier, type, contextDescription) {\n        specifier.local = this.parseIdentifier();\n        this.checkLVal(specifier.local, BIND_LEXICAL, undefined,
contextDescription);\n        node.specifiers.push(this.finishNode(specifier, type));\n    }\n    }\n    parseAssertEntries() {\n

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const attrs = [];\n  const attrNames = new Set();\n\n  do {\n    if (this.match(types.braceR)) {\n      break;\n    }\n\n    const node = this.startNode();\n    const keyName = this.state.value;\n    if (this.match(types.string)) {\n      node.key = this.parseLiteral(keyName, \"StringLiteral\");\n    } else {\n      node.key =\n        this.parseIdentifier(true);\n    }\n\n    this.expect(types.colon);\n\n    if (keyName !== \"type\") {\n      this.raise(node.key.start, ErrorMessages.ModuleAttributeDifferentFromType, keyName);\n    }\n\n    if (attrNames.has(keyName)) {\n      this.raise(node.key.start, ErrorMessages.ModuleAttributesWithDuplicateKeys,\n        keyName);\n    }\n\n    attrNames.add(keyName);\n\n    if (!this.match(types.string)) {\n      throw\n        this.unexpected(this.state.start, ErrorMessages.ModuleAttributeInvalidValue);\n    }\n\n    node.value =\n      this.parseLiteral(this.state.value, \"StringLiteral\");\n    this.finishNode(node, \"ImportAttribute\");\n    attrs.push(node);\n  } while (this.eat(types.comma));\n\n  return attrs;\n}\n\nmaybeParseModuleAttributes() {\n  if (this.match(types._with) && !this.hasPrecedingLineBreak()) {\n    this.expectPlugin(\"moduleAttributes\");\n    this.next();\n  } else {\n    if (this.hasPlugin(\"moduleAttributes\")) return [];\n    return null;\n  }\n\n  const\n    attrs = [];\n    attributes = new Set();\n\n  do {\n    const node = this.startNode();\n    node.key =\n      this.parseIdentifier(true);\n\n    if (node.key.name !== \"type\") {\n      this.raise(node.key.start,\n        ErrorMessages.ModuleAttributeDifferentFromType, node.key.name);\n    }\n\n    if (attributes.has(node.key.name)) {\n      this.raise(node.key.start,\n        ErrorMessages.ModuleAttributesWithDuplicateKeys, node.key.name);\n    }\n\n    attributes.add(node.key.name);\n    this.expect(types.colon);\n\n    if (!this.match(types.string)) {\n      throw\n        this.unexpected(this.state.start, ErrorMessages.ModuleAttributeInvalidValue);\n    }\n\n    node.value =\n      this.parseLiteral(this.state.value, \"StringLiteral\");\n    this.finishNode(node, \"ImportAttribute\");\n    attrs.push(node);\n  } while (this.eat(types.comma));\n\n  return attrs;\n}\n\nmaybeParseImportAssertions() {\n  if (this.isContextual(\"assert\") && !this.hasPrecedingLineBreak()) {\n    this.expectPlugin(\"importAssertions\");\n    this.next();\n  } else {\n    if (this.hasPlugin(\"importAssertions\"))\n      return [];\n    return null;\n  }\n\n  this.eat(types.braceL);\n  const attrs = this.parseAssertEntries();\n  this.eat(types.braceR);\n  return attrs;\n}\n\nmaybeParseDefaultImportSpecifier(node) {\n  if (this.shouldParseDefaultImport(node)) {\n    this.parseImportSpecifierLocal(node, this.startNode(),\n      \"ImportDefaultSpecifier\", \"default import specifier\");\n    return true;\n  }\n\n  return false;\n}\n\nmaybeParseStarImportSpecifier(node) {\n  if (this.match(types.star)) {\n    const specifier = this.startNode();\n    this.next();\n    this.expectContextual(\"as\");\n    this.parseImportSpecifierLocal(node, specifier,\n      \"ImportNamespaceSpecifier\", \"import namespace specifier\");\n    return true;\n  }\n\n  return false;\n}\n\nparseNamedImportSpecifiers(node) {\n  let first = true;\n  this.expect(types.braceL);\n\n  while (!this.eat(types.braceR)) {\n    if (first) {\n      first = false;\n    } else {\n      if (this.eat(types.colon)) {\n        throw this.raise(this.state.start, ErrorMessages.DestructureNamedImport);\n      }\n\n      this.expect(types.comma);\n      if (this.eat(types.braceR)) break;\n    }\n\n    this.parseImportSpecifier(node);\n  }\n}\n\nparseImportSpecifier(node) {\n  const specifier = this.startNode();\n  specifier.imported =\n    this.parseModuleExportName();\n\n  if (this.eatContextual(\"as\")) {\n    specifier.local = this.parseIdentifier();\n  } else {\n    const {\n      imported\n    } = specifier;\n\n    if (imported.type === \"StringLiteral\") {\n      throw\n        this.raise(specifier.start, ErrorMessages.ImportBindingIsString, imported.value);\n    }\n\n    this.checkReservedWord(imported.name, specifier.start, true, true);\n    specifier.local = imported.__clone();\n  }\n\n  this.checkLVal(specifier.local, BIND_LEXICAL, undefined, \"import specifier\");\n  node.specifiers.push(this.finishNode(specifier, \"ImportSpecifier\"));\n}\n\n\nclass ClassScope {\n  constructor() {\n    this.privateNames = new Set();\n    this.loneAccessors = new Map();\n\n    this.undefinedPrivateNames = new Map();\n  }\n\n  \nclass ClassScopeHandler {\n    constructor(raise) {\n      this.stack = [];\n      this.undefinedPrivateNames = new Map();\n      this.raise = raise;\n    }\n\n    current() {\n      return\n        this.stack[this.stack.length - 1];\n    }\n\n    enter() {\n      this.stack.push(new ClassScope());\n    }\n\n    exit() {\n      const\n        oldClassScope = this.stack.pop();\n        current = this.current();\n\n      for (let _i = 0, _Array$from =\n        Array.from(oldClassScope.undefinedPrivateNames);\n        _i < _Array$from.length; _i++) {\n        const [name, pos] =\n          _Array$from[_i];\n\n        if (current) {\n          if (!current.undefinedPrivateNames.has(name)) {\n
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current.undefinedPrivateNames.set(name, pos);\n      }\n    } else {\n      this.raise(pos,
ErrorMessages.InvalidPrivateFieldResolution, name);\n    }\n  }\n  declarePrivateName(name,
elementType, pos) {\n    const classScope = this.current();\n    let redefined =
classScope.privateNames.has(name);\n\n    if (elementType & CLASS_ELEMENT_KIND_ACCESSOR) {\n
const accessor = redefined && classScope.loneAccessors.get(name);\n    if (accessor) {\n      const oldStatic =
accessor & CLASS_ELEMENT_FLAG_STATIC;\n      const newStatic = elementType &
CLASS_ELEMENT_FLAG_STATIC;\n      const oldKind = accessor &
CLASS_ELEMENT_KIND_ACCESSOR;\n      const newKind = elementType &
CLASS_ELEMENT_KIND_ACCESSOR;\n      redefined = oldKind === newKind || oldStatic !== newStatic;\n
if (!redefined) classScope.loneAccessors.delete(name);\n    } else if (!redefined) {\n
classScope.loneAccessors.set(name, elementType);\n    }\n  }\n\n  if (redefined) {\n    this.raise(pos,
ErrorMessages.PrivateNameRedeclaration, name);\n  }\n  classScope.privateNames.add(name);\n
classScope.undefinedPrivateNames.delete(name);\n  }\n\n  usePrivateName(name, pos) {\n    let classScope;\n\n    for (let _i2 = 0, _this$stack = this.stack; _i2 < _this$stack.length; _i2++) {\n      classScope = _this$stack[_i2];\n
if (classScope.privateNames.has(name)) return;\n    }\n\n    if (classScope) {\n
classScope.undefinedPrivateNames.set(name, pos);\n    } else {\n      this.raise(pos,
ErrorMessages.InvalidPrivateFieldResolution, name);\n    }\n  }\n}\n\n  class Parser extends StatementParser {\n
constructor(options, input) {\n    options = getOptions(options);\n    super(options, input);\n    const ScopeHandler =
this.getScopeHandler();\n    this.options = options;\n    this.inModule = this.options.sourceType === "module";\n
this.scope = new ScopeHandler(this.raise.bind(this), this.inModule);\n    this.prodParam = new
ProductionParameterHandler();\n    this.classScope = new ClassScopeHandler(this.raise.bind(this));\n
this.expressionScope = new ExpressionScopeHandler(this.raise.bind(this));\n    this.plugins =
pluginsMap(this.options.plugins);\n    this.filename = options.sourceFilename;\n  }\n\n  getScopeHandler() {\n
return ScopeHandler;\n  }\n\n  parse() {\n    let paramFlags = PARAM;\n\n    if (this.hasPlugin("topLevelAwait")
&& this.inModule) {\n      paramFlags |= PARAM_AWAIT;\n    }\n\n    this.scope.enter(SCOPE_PROGRAM);\n
this.prodParam.enter(paramFlags);\n    const file = this.startNode();\n    const program = this.startNode();\n
this.nextToken();\n    file.errors = null;\n    this.parseTopLevel(file, program);\n    file.errors = this.state.errors;\n
return file;\n  }\n\n  }\n\n  function pluginsMap(plugings) {\n    const pluginMap = new Map();\n\n    for (let _i = 0; _i <
plugings.length; _i++) {\n      const plugin = plugings[_i];\n      const [name, options] = Array.isArray(plugin) ? plugin :
[plugin, {}];\n      if (!pluginMap.has(name)) pluginMap.set(name, options || {});\n    }\n\n    return
pluginMap;\n  }\n\n  function parse(input, options) {\n    var _options;\n\n    if (((_options = options) === null ? void 0 :
_options.sourceType) === "unambiguous") {\n      options = Object.assign({}, options);\n\n      try {\n
options.sourceType = "module";\n        const parser = getParser(options, input);\n        const ast = parser.parse();\n\n
if (parser.sawUnambiguousESM) {\n          return ast;\n        }\n\n        if (parser.ambiguousScriptDifferentAst) {\n
try {\n            options.sourceType = "script";\n            return getParser(options, input).parse();\n          } catch
(_unused) {}\n        } else {\n          ast.program.sourceType = "script";\n        }\n\n        return ast;\n      } catch
(moduleError) {\n        try {\n          options.sourceType = "script";\n          return getParser(options, input).parse();\n
        } catch (_unused2) {}\n        throw moduleError;\n      }\n    } else {\n      return getParser(options, input).parse();\n
}\n  }\n\n  function parseExpression(input, options) {\n    const parser = getParser(options, input);\n\n    if
(parser.options.strictMode) {\n      parser.state.strict = true;\n    }\n\n    return parser.getExpression();\n  }\n\n  function
getParser(options, input) {\n    let cls = Parser;\n\n    if (options === null ? void 0 : options.plugins) {\n
validatePlugins(options.plugins);\n      cls = getParserClass(options.plugins);\n    }\n\n    return new cls(options,
input);\n  }\n\n  const parserClassCache = {};\n\n  function getParserClass(plugingsFromOptions) {\n    const pluginList =
mixInPluginNames.filter(name => hasPlugin(plugingsFromOptions, name));\n    const key = pluginList.join("/");\n
let cls = parserClassCache[key];\n\n    if (!cls) {\n      cls = Parser;\n\n      for (let _i = 0; _i < pluginList.length; _i++)
{\n        const plugin = pluginList[_i];\n        cls = mixInPlugins[plugin](cls);\n      }\n\n      parserClassCache[key] =
cls;\n    }\n\n    return cls;\n  }\n\n  exports.parse = parse;\n  exports.parseExpression =
parseExpression;\n  exports.tokTypes = types;\n  n// # sourceMappingURL=index.js.map\n", "use strict\n\n// A linked

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list to keep track of recently-used-ness\nconst Yallist = require('yallist')\n\nconst MAX = Symbol('max')\nconst LENGTH = Symbol('length')\nconst LENGTH_CALCULATOR = Symbol('lengthCalculator')\nconst ALLOW_STALE = Symbol('allowStale')\nconst MAX_AGE = Symbol('maxAge')\nconst DISPOSE = Symbol('dispose')\nconst NO_DISPOSE_ON_SET = Symbol('noDisposeOnSet')\nconst LRU_LIST = Symbol('lruList')\nconst CACHE = Symbol('cache')\nconst UPDATE_AGE_ON_GET = Symbol('updateAgeOnGet')\n\nconst naiveLength = () => 1\n\n// lruList is a yallist where the head is the youngest\n// item, and the tail is the oldest. the list contains the Hit\n// objects as the entries.\n// Each Hit object has a reference to its Yallist.Node. This\n// never changes.\n//\n// cache is a Map (or PseudoMap) that matches the keys to\n// the Yallist.Node object.\n\nclass LRUCache {\n  constructor (options) {\n    if (typeof options === 'number')\n      options = { max: options }\n    if (!options)\n      options = {}\n    if (options.max && (typeof options.max !== 'number' || options.max < 0))\n      throw new TypeError('max must be a non-negative number')\n    // Kind of weird to have a default max of Infinity, but oh well.\n    const max = this[MAX] = options.max || Infinity\n    const lc = options.length || naiveLength\n    this[LENGTH_CALCULATOR] = (typeof lc !== 'function') ? naiveLength : lc\n    this[ALLOW_STALE] = options.stale || false\n    if (options.maxAge && typeof options.maxAge !== 'number')\n      throw new TypeError('maxAge must be a number')\n    this[MAX_AGE] = options.maxAge || 0\n    this[DISPOSE] = options.dispose\n    this[NO_DISPOSE_ON_SET] = options.noDisposeOnSet || false\n    this[UPDATE_AGE_ON_GET] = options.updateAgeOnGet || false\n    this.reset()\n  }\n\n  // resize the cache when the max changes.\n  set max (mL) {\n    if (typeof mL !== 'number' || mL < 0)\n      throw new TypeError('max must be a non-negative number')\n    this[MAX] = mL || Infinity\n    trim(this)\n  }\n  get max () {\n    return this[MAX]\n  }\n\n  set allowStale (allowStale) {\n    this[ALLOW_STALE] = !!allowStale\n  }\n  get allowStale () {\n    return this[ALLOW_STALE]\n  }\n\n  set maxAge (mA) {\n    if (typeof mA !== 'number')\n      throw new TypeError('maxAge must be a non-negative number')\n    this[MAX_AGE] = mA\n    trim(this)\n  }\n  get maxAge () {\n    return this[MAX_AGE]\n  }\n\n  // resize the cache when the lengthCalculator changes.\n  set lengthCalculator (IC) {\n    if (typeof IC !== 'function')\n      IC = naiveLength\n    if (IC !== this[LENGTH_CALCULATOR]) {\n      this[LENGTH_CALCULATOR] = IC\n      this[LENGTH] = 0\n      this[LRU_LIST].forEach(hit => {\n        hit.length = this[LENGTH_CALCULATOR](hit.value, hit.key)\n        this[LENGTH] += hit.length\n      })\n    }\n    trim(this)\n  }\n  get lengthCalculator () {\n    return this[LENGTH_CALCULATOR]\n  }\n  get length () {\n    return this[LENGTH]\n  }\n  get itemCount () {\n    return this[LRU_LIST].length\n  }\n  rforEach (fn, thisp) {\n    thisp = thisp || this\n    for (let walker = this[LRU_LIST].tail; walker !== null;) {\n      const prev = walker.prev\n      forEachStep(this, fn, walker, thisp)\n      walker = prev\n    }\n  }\n  forEach (fn, thisp) {\n    thisp = thisp || this\n    for (let walker = this[LRU_LIST].head; walker !== null;) {\n      const next = walker.next\n      forEachStep(this, fn, walker, thisp)\n      walker = next\n    }\n  }\n  keys () {\n    return this[LRU_LIST].toArray().map(k => k.key)\n  }\n  values () {\n    return this[LRU_LIST].toArray().map(k => k.value)\n  }\n  reset () {\n    if (this[DISPOSE] && this[LRU_LIST] && this[LRU_LIST].length) {\n      this[LRU_LIST].forEach(hit => this[DISPOSE](hit.key, hit.value))\n    }\n    this[CACHE] = new Map() // hash of items by key\n    this[LRU_LIST] = new Yallist() // list of items in order of use recency\n    this[LENGTH] = 0 // length of items in the list\n  }\n  dump () {\n    return this[LRU_LIST].map(hit => {\n      isStale(this, hit) ? false : {\n        k: hit.key,\n        v: hit.value,\n        e: hit.now + (hit.maxAge || 0)\n      }\n    }).toArray().filter(h => h)\n  }\n  dumpLru () {\n    return this[LRU_LIST]\n  }\n  set (key, value, maxAge) {\n    maxAge = maxAge || this[MAX_AGE]\n    if (maxAge && typeof maxAge !== 'number')\n      throw new TypeError('maxAge must be a number')\n    const now = maxAge ? Date.now() : 0\n    const len = this[LENGTH_CALCULATOR](value, key)\n    if (this[CACHE].has(key)) {\n      if (len > this[MAX]) {\n        del(this, this[CACHE].get(key))\n        return false\n      }\n      const node = this[CACHE].get(key)\n      const item = node.value\n      // dispose of the old one before overwriting\n      // split out into 2 ifs for better coverage tracking\n      if (this[DISPOSE]) {\n        if (!this[NO_DISPOSE_ON_SET])\n          this[DISPOSE](key, item.value)\n      }\n      item.now = now\n      item.maxAge = maxAge\n      item.value = value\n      this[LENGTH] += len - item.length\n      item.length = len\n      this.get(key)\n      trim(this)\n      return true\n    }\n    const hit = new Entry(key, value, len, now, maxAge)\n    // oversized objects fall out of cache

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automatically.\n  if (hit.length > this[MAX]) {\n    if (this[DISPOSE])\n      this[DISPOSE](key, value)\n    return false\n  }\n  this[LENGTH] += hit.length\n  this[LRU_LIST].unshift(hit)\n  this[CACHE].set(key, this[LRU_LIST].head)\n  trim(this)\n  return true\n }\n\n has (key) {\n  if (!this[CACHE].has(key)) return false\n  const hit = this[CACHE].get(key).value\n  return !isStale(this, hit)\n }\n\n get (key) {\n  return get(this, key, true)\n }\n\n peek (key) {\n  return get(this, key, false)\n }\n\n pop () {\n  const node = this[LRU_LIST].tail\n  if (!node)\n    return null\n  del(this, node)\n  return node.value\n }\n\n del (key) {\n  del(this, this[CACHE].get(key))\n }\n\n load (arr) {\n  // reset the cache\n  this.reset()\n  const now = Date.now()\n  // A previous serialized cache has the most recent items first\n  for (let l = arr.length - 1; l >= 0; l--)\n    {\n      const hit = arr[l]\n      const expiresAt = hit.e || 0\n      if (expiresAt === 0)\n        // the item was created without expiration in a non aged cache\n        this.set(hit.k, hit.v)\n      else {\n        const maxAge = expiresAt - now\n        // dont add already expired items\n        if (maxAge > 0) {\n          this.set(hit.k, hit.v, maxAge)\n        }\n      }\n    }\n  prune ()\n  this[CACHE].forEach((value, key) => get(this, key, false))\n }\n\n\nconst get = (self, key, doUse) => {\n  const node = self[CACHE].get(key)\n  if (node) {\n    const hit = node.value\n    if (isStale(self, hit))\n      del(self, node)\n    if (!self[ALLOW_STALE])\n      return undefined\n  } else {\n    if (doUse) {\n      if (self[UPDATE_AGE_ON_GET])\n        node.value.now = Date.now()\n      self[LRU_LIST].unshiftNode(node)\n    }\n  }\n  return hit.value\n }\n\n\nconst isStale = (self, hit) => {\n  if (!hit || (!hit.maxAge && !self[MAX_AGE]))\n    return false\n  const diff = Date.now() - hit.now\n  return hit.maxAge ? diff > hit.maxAge\n    : self[MAX_AGE] && (diff > self[MAX_AGE])\n }\n\n\nconst trim = self => {\n  if (self[LENGTH] > self[MAX]) {\n    for (let walker = self[LRU_LIST].tail;\n      self[LENGTH] > self[MAX] && walker !== null;) {\n      // We know that we're about to delete this one, and also\n      // what the next least recently used key will be, so just\n      // go ahead and set it now.\n      const prev = walker.prev\n      del(self, walker)\n      walker = prev\n    }\n  }\n\n  const del = (self, node) => {\n    if (node) {\n      const hit = node.value\n      if (self[DISPOSE])\n        self[DISPOSE](hit.key, hit.value)\n      self[LENGTH] -= hit.length\n      self[CACHE].delete(hit.key)\n      self[LRU_LIST].removeNode(node)\n    }\n  }\n\n  class Entry {\n    constructor (key, value, length, now, maxAge) {\n      this.key = key\n      this.value = value\n      this.length = length\n      this.now = now\n      this.maxAge = maxAge || 0\n    }\n  }\n\n  const forEachStep = (self, fn, node, thisp) => {\n    let hit = node.value\n    if (isStale(self, hit)) {\n      del(self, node)\n      if (!self[ALLOW_STALE])\n        hit = undefined\n    }\n    if (hit)\n      fn.call(thisp, hit.value, hit.key, self)\n  }\n\n  module.exports = LRUCache\n  "/*\n * Copyright (c)\n * Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n * @flow\n */\n\nexport default function testErrorStack()\n{\n  // If source maps are applied, this Error will have a stack frame with line 12.\n  throw Error("Test Error stack");\n}\n\nexport const SOURCE_STACK_FRAME_LINE_NUMBER = 12;";\n\nuse strict;\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.ForAwaitStatement = exports.NumericLiteralTypeAnnotation = exports.ExistentialTypeParam = exports.SpreadProperty = exports.RestProperty = exports.Flow = exports.Pure = exports.Generated = exports.User = exports.Var = exports.BlockScoped = exports.Referenced = exports.Scope = exports.Expression = exports.Statement = exports.BindingIdentifier = exports.ReferencedMemberExpression = exports.ReferencedIdentifier = void 0;\n\nvar t = _interopRequireWildcard(require(\"@babel/types\"));\n\nfunction _getRequireWildcardCache() {\n  if (typeof WeakMap !== \"function\")\n    return null;\n  var cache = new WeakMap();\n  _getRequireWildcardCache = function () {\n    return cache;\n  };\n  return cache;\n}\n\nfunction _interopRequireWildcard(obj) {\n  if (obj && obj.__esModule) {\n    return obj;\n  } if (obj === null || typeof obj !== \"object\" && typeof obj !== \"function\") {\n    return { default: obj };\n  } var cache = _getRequireWildcardCache();\n  if (cache && cache.has(obj)) {\n    return cache.get(obj);\n  } var newObj = {};\n  var hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor;\n  for (var key in obj) {\n    if (Object.prototype.hasOwnProperty.call(obj, key)) {\n      var desc = hasPropertyDescriptor ? Object.getOwnPropertyDescriptor(obj, key) : null;\n      if (desc && (desc.get || desc.set)) {\n        Object.defineProperty(newObj, key, desc);\n      } else {\n        newObj[key] = obj[key];\n      }\n    }\n  } newObj.default = obj;\n  if (cache) {\n    cache.set(obj, newObj);\n  }\n  return newObj;\n}\n\nconst ReferencedIdentifier = {\n  types: [\"Identifier\", \"JSXIdentifier\"],\n  checkPath(path, opts) {\n    const {\n      node,\n      parent\n    } = path;\n    if

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(t.isIdentifier(node, opts) && !t.isJSXMemberExpression(parent, opts)) {\n  if (t.isJSXIdentifier(node, opts)) {\n    if (t.react.isCompatTag(node.name)) return false;\n  } else {\n    return false;\n  } }\n\n  return t.isReferenced(node, parent, path.parentPath.parent);\n}\n\n};\n\nexports.ReferencedIdentifier = ReferencedIdentifier;\n\nconst ReferencedMemberExpression = {\n  types: ["MemberExpression"],\n  checkPath({\n    node,\n    parent\n  }) {\n    return t.isMemberExpression(node) && t.isReferenced(node, parent);\n  }\n};\n\nexports.ReferencedMemberExpression = ReferencedMemberExpression;\n\nconst BindingIdentifier = {\n  types: ["Identifier"],\n  checkPath(path) {\n    const {\n      node,\n      parent\n    } = path;\n    const grandparent = path.parentPath.parent;\n    return t.isIdentifier(node) && t.isBinding(node, parent, grandparent);\n  }\n};\n\nexports.BindingIdentifier = BindingIdentifier;\n\nconst Statement = {\n  types: ["Statement"],\n  checkPath({\n    node,\n    parent\n  }) {\n    if (t.isStatement(node)) {\n      if (t.isVariableDeclaration(node)) {\n        if (t.isForXStatement(parent, {\n          left: node\n        })) return false;\n        if (t.isForStatement(parent, {\n          init: node\n        })) return false;\n      }\n      return true;\n    } else {\n      return false;\n    }\n  }\n};\n\nexports.Statement = Statement;\n\nconst Expression = {\n  types: ["Expression"],\n  checkPath(path) {\n    if (path.isIdentifier()) {\n      return path.isReferencedIdentifier();\n    } else {\n      return t.isExpression(path.node);\n    }\n  }\n};\n\nexports.Expression = Expression;\n\nconst Scope = {\n  types: ["Scopable", "Pattern"],\n  checkPath(path) {\n    return t.isScope(path.node, path.parent);\n  }\n};\n\nexports.Scope = Scope;\n\nconst Referenced = {\n  checkPath(path) {\n    return t.isReferenced(path.node, path.parent);\n  }\n};\n\nexports.Referenced = Referenced;\n\nconst BlockScoped = {\n  checkPath(path) {\n    return t.isBlockScoped(path.node);\n  }\n};\n\nexports.BlockScoped = BlockScoped;\n\nconst Var = {\n  types: ["VariableDeclaration"],\n  checkPath(path) {\n    return t.isVar(path.node);\n  }\n};\n\nexports.Var = Var;\n\nconst User = {\n  checkPath(path) {\n    return path.node && !path.node.loc;\n  }\n};\n\nexports.User = User;\n\nconst Generated = {\n  checkPath(path) {\n    return !path.isUser();\n  }\n};\n\nexports.Generated = Generated;\n\nconst Pure = {\n  checkPath(path, opts) {\n    return path.scope.isPure(path.node, opts);\n  }\n};\n\nexports.Pure = Pure;\n\nconst Flow = {\n  types: ["Flow", "ImportDeclaration", "ExportDeclaration", "ImportSpecifier"],\n  checkPath({\n    node\n  }) {\n    if (t.isFlow(node)) {\n      return true;\n    } else if (t.isImportDeclaration(node)) {\n      return node.importKind === "type" || node.importKind === "typeof";\n    } else if (t.isExportDeclaration(node)) {\n      return node.exportKind === "type";\n    } else if (t.isImportSpecifier(node)) {\n      return node.importKind === "type" || node.importKind === "typeof";\n    } else {\n      return false;\n    }\n  }\n};\n\nexports.Flow = Flow;\n\nconst RestProperty = {\n  types: ["RestElement"],\n  checkPath(path) {\n    return path.parentPath && path.parentPath.isObjectPattern();\n  }\n};\n\nexports.RestProperty = RestProperty;\n\nconst SpreadProperty = {\n  types: ["RestElement"],\n  checkPath(path) {\n    return path.parentPath && path.parentPath.isObjectExpression();\n  }\n};\n\nexports.SpreadProperty = SpreadProperty;\n\nconst ExistentialTypeParam = {\n  types: ["ExistsTypeAnnotation"]\n};\n\nexports.ExistentialTypeParam = ExistentialTypeParam;\n\nconst NumericLiteralTypeAnnotation = {\n  types: ["NumberLiteralTypeAnnotation"]\n};\n\nexports.NumericLiteralTypeAnnotation = NumericLiteralTypeAnnotation;\n\nconst ForAwaitStatement = {\n  types: ["ForOfStatement"],\n  checkPath({\n    node\n  }) {\n    return node.await === true;\n  }\n};\n\nexports.ForAwaitStatement = ForAwaitStatement;\n\n"use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nexports.default = buildMatchMemberExpression;\n\nvar _matchesPattern = _interopRequireDefault(require("./matchesPattern"));\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : { default: obj };\n}\n\nfunction buildMatchMemberExpression(match, allowPartial) {\n  const parts = match.split(".");\n  return member => (0, _matchesPattern.default)(member, parts, allowPartial);\n}\n\n"use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nexports.default = matchesPattern;\n\nvar _generated = require("./generated");\n\nfunction matchesPattern(member, match, allowPartial) {\n  if (!(0, _generated.isMemberExpression)(member)) return false;\n  const parts = Array.isArray(match) ? match : match.split(".");\n  const nodes = [];\n  let node;\n  for (node = member; (0, _generated.isMemberExpression)(node); node = node.object) {\n    nodes.push(node.property);\n  }\n}

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nodes.push(node);\n if (nodes.length < parts.length) return false;\n if (!allowPartial && nodes.length >
parts.length) return false;\n\n for (let i = 0, j = nodes.length - 1; i < parts.length; i++, j--) {\n  const node =
nodes[j];\n  let value;\n\n  if ((0, _generated.isIdentifier)(node)) {\n    value = node.name;\n  } else if ((0,
_generated.isStringLiteral)(node)) {\n    value = node.value;\n  } else {\n    return false;\n  }\n\n  if (parts[i]
!== value) return false;\n } \n\n return true;\n }", "/*\n * Performs a\n * [ SameValueZero ](http://ecma-
international.org/ecma-262/7.0/#sec-samevaluezero)\n * comparison between two values to determine if they are
equivalent.\n * \n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The
value to compare.\n * @param {*} other The other value to compare.\n * @returns {boolean} Returns `true` if the
values are equivalent, else `false`.\n * @example\n * \n * var object = { 'a': 1 };\n * var other = { 'a': 1 };\n * \n *
_.eq(object, object);\n * // => true\n * \n * _.eq(object, other);\n * // => false\n * \n * _.eq('a', 'a');\n * // => true\n * \n *
_.eq('a', Object('a'));\n * // => false\n * \n * _.eq(NaN, NaN);\n * // => true\n * \n\nfunction eq(value, other) {\n
return value === other || (value !== value && other !== other);\n }\n\nmodule.exports = eq;\n", "var baseGetTag =
require('./_baseGetTag'),\n  isObject = require('./isObject');\n\n/**\n * Object#toString` result references. *\n\nvar
asyncTag = '[object AsyncFunction]',\n  funcTag = '[object Function]',\n  genTag = '[object
GeneratorFunction]',\n  proxyTag = '[object Proxy]';\n\n/**\n * Checks if `value` is classified as a `Function`
object.\n * \n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Lang\n * @param {*} value The value
to check.\n * @returns {boolean} Returns `true` if `value` is a function, else `false`.\n * @example\n * \n *
_.isFunction(_);\n * // => true\n * \n * _.isFunction(/abc/);\n * // => false\n * \n\nfunction isFunction(value) {\n
if (!isObject(value)) {\n  return false;\n } \n // The use of `Object#toString` avoids issues with the `typeof` operator\n
// in Safari 9 which returns 'object' for typed arrays and other constructors.\n  var tag = baseGetTag(value);\n  return
tag == funcTag || tag == genTag || tag == asyncTag || tag == proxyTag;\n }\n\nmodule.exports = isFunction;\n", "/*\n
Detect free variable `global` from Node.js. *\n\nvar freeGlobal = typeof global == 'object' && global &&
global.Object === Object && global;\n\nmodule.exports = freeGlobal;\n", "/*\n * Used for built-in method references.
*\n\nvar funcProto = Function.prototype;\n\n/**\n * Used to resolve the decompiled source of functions. *\n\nvar
funcToString = funcProto.toString;\n\n/**\n * Converts `func` to its source code.\n * \n * @private\n * @param
{Function} func The function to convert.\n * @returns {string} Returns the source code.\n * \n\nfunction
toSource(func) {\n  if (func != null) {\n    try {\n      return funcToString.call(func);\n    } catch (e) {} \n    try {\n
return (func + "");\n    } catch (e) {} \n  } \n  return "";\n }\n\nmodule.exports = toSource;\n", "var baseAssignValue =
require('./_baseAssignValue'),\n  eq = require('./eq');\n\n/**\n * Used for built-in method references. *\n\nvar
objectProto = Object.prototype;\n\n/**\n * Used to check objects for own properties. *\n\nvar hasOwnProperty =
objectProto.hasOwnProperty;\n\n/**\n * Assigns `value` to `key` of `object` if the existing value is not equivalent\n
* using [ SameValueZero ](http://ecma-international.org/ecma-262/7.0/#sec-samevaluezero)\n * for equality
comparisons.\n * \n * @private\n * @param {Object} object The object to modify.\n * @param {string} key The
key of the property to assign.\n * @param {*} value The value to assign.\n * \n\nfunction assignValue(object, key,
value) {\n  var objValue = object[key];\n  if (!(hasOwnProperty.call(object, key) && eq(objValue, value))) ||\n
(value === undefined && !(key in object))) {\n    baseAssignValue(object, key, value);\n  } \n }\n\nmodule.exports =
assignValue;\n", "var defineProperty = require('./_defineProperty');\n\n/**\n * The base implementation of
`assignValue` and `assignMergeValue` without\n * value checks.\n * \n * @private\n * @param {Object} object The
object to modify.\n * @param {string} key The key of the property to assign.\n * @param {*} value The value to
assign.\n * \n\nfunction baseAssignValue(object, key, value) {\n  if (key == '__proto__' && defineProperty) {\n
defineProperty(object, key, {\n    'configurable': true,\n    'enumerable': true,\n    'value': value,\n    'writable':
true\n  });\n } else {\n  object[key] = value;\n } \n }\n\nmodule.exports = baseAssignValue;\n", "var baseTimes =
require('./_baseTimes'),\n  isArguments = require('./isArguments'),\n  isArray = require('./isArray'),\n  isBuffer =
require('./isBuffer'),\n  isIndex = require('./isIndex'),\n  isTypedArray = require('./isTypedArray');\n\n/**\n * Used
for built-in method references. *\n\nvar objectProto = Object.prototype;\n\n/**\n * Used to check objects for own
properties. *\n\nvar hasOwnProperty = objectProto.hasOwnProperty;\n\n/**\n * Creates an array of the enumerable
property names of the array-like `value`.\n * \n * @private\n * @param {*} value The value to query.\n * @param
{boolean} inherited Specify returning inherited property names.\n * @returns {Array} Returns the array of property

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names.\n */\nfunction arrayLikeKeys(value, inherited) {\n  var isArr = isArray(value),\n      isArg = !isArr &&\n      isArguments(value),\n      isBuff = !isArr && !isArg && isBuffer(value),\n      isType = !isArr && !isArg &&\n      !isBuff && isTypedArray(value),\n      skipIndexes = isArr || isArg || isBuff || isType,\n      result = skipIndexes ?\n      baseTimes(value.length, String) : [],\n      length = result.length;\n\n  for (var key in value) {\n    if ((inherited ||\n      hasOwnProperty.call(value, key)) && !\n      (skipIndexes && (key == 'length' ||\n        // Safari 9 has enumerable\n        `arguments.length` in strict mode.\n        key == 'offset' || key == 'parent')) ||\n        // PhantomJS 2 has\n        enumerable non-index properties on typed arrays.\n        (isType && (key == 'buffer' || key == 'byteLength' || key\n        == 'byteOffset')) ||\n        // Skip index properties.\n        isIndex(key, length)\n      ))) {\n      result.push(key);\n    }\n  }\n  return result;\n}\n\nmodule.exports = arrayLikeKeys;\n", "var root = require('./_root'),\n  stubFalse =\n  require('./stubFalse');\n\n/** Detect free variable `exports` */\nvar freeExports = typeof exports == 'object' &&\n  exports && !exports.nodeType && exports;\n\n/** Detect free variable `module` */\nvar freeModule = freeExports && typeof module == 'object' && module;\n\n/** Detect the popular\n  CommonJS extension `module.exports` */\nvar moduleExports = freeModule && freeModule.exports ===\n  freeExports;\n\n/** Built-in value references */\nvar Buffer = moduleExports ? root.Buffer : undefined;\n\n/** Built-in\n  method references for those with the same name as other `lodash` methods */\nvar nativeIsBuffer = Buffer ?\n  Buffer.isBuffer : undefined;\n\n/** Checks if `value` is a buffer */\n@static\n@memberOf _\n@since 4.3.0\n@category Lang\n@param {*} value The value to check.\n@returns {boolean} Returns `true` if\n`value` is a buffer, else `false`.\n@example\n_.isBuffer(new Buffer(2)); // => true\n_.isBuffer(new Uint8Array(2)); // => false\n\nvar isBuffer = nativeIsBuffer || stubFalse;\n\nmodule.exports =\n  isBuffer;\n", "/* Used as references for various `Number` constants */\nvar MAX_SAFE_INTEGER =\n  9007199254740991;\n\n/** Checks if `value` is a valid array-like length */\n/** Note: This method is\n  loosely based on `_.toLength` (http://ecma-international.org/ecma-262/7.0/#sec-toLength).\n@static\n@memberOf _\n@since 4.0.0\n@category Lang\n@param {*} value The value to check.\n@returns {boolean} Returns `true` if `value` is a valid length, else `false`.\n@example\n_.isLength(3); // =>\ntrue\n_.isLength(Number.MIN_VALUE); // => false\n_.isLength(Infinity); // => false\n_.isLength(3); // => false\n\nfunction isLength(value) {\n  return typeof value == 'number' &&\n    value > -1\n    && value % 1 == 0 && value <= MAX_SAFE_INTEGER;\n}\n\nmodule.exports = isLength;\n", "/* Creates a\n  unary function that invokes `func` with its argument transformed */\n@private\n@param {Function} func\nThe function to wrap.\n@param {Function} transform The argument transform.\n@returns {Function} Returns\nthe new function.\n\nfunction overArg(func, transform) {\n  return function(arg) {\n    return\n      func(transform(arg));\n  };\n}\n\nmodule.exports = overArg;\n", "var isFunction = require('./isFunction'),\n  isLength = require('./isLength');\n\n/** Checks if `value` is array-like. A value is considered array-like if it's\n  not a function and has a `value.length` that's an integer greater than or\n  equal to `0` and less than or equal to\n  `Number.MAX_SAFE_INTEGER`.\n>\n@static\n@memberOf _\n@since 4.0.0\n@category Lang\n@param {*} value The value to check.\n@returns {boolean} Returns `true` if `value` is array-like, else `false`.\n\n@example\n_.isArrayLike([1, 2, 3]); // => true\n_.isArrayLike(document.body.children); //\n=> true\n_.isArrayLike('abc'); // => true\n_.isArrayLike(_.noop); // => false\n\nfunction isArrayLike(value) {\n  return value != null && isLength(value.length) &&\n    !isFunction(value);\n}\n\nmodule.exports = isArrayLike;\n", "/* This method returns a new empty array */\n@static\n@memberOf _\n@since 4.13.0\n@category Util\n@returns {Array} Returns the new empty\narray.\n\n@example\nvar arrays = _.times(2, _.stubArray);\n\nconsole.log(arrays); // => [], []\n\nconsole.log(arrays[0] === arrays[1]); // => false\n\nfunction stubArray() {\n  return\n    [];\n}\n\nmodule.exports = stubArray;\n", "var arrayPush = require('./_arrayPush'),\n  getPrototype =\n  require('./_getPrototype'),\n  getSymbols = require('./_getSymbols'),\n  stubArray = require('./stubArray');\n\n/** Built-in method references for those with the same name as other `lodash` methods */\nvar nativeGetSymbols =\n  Object.getOwnPropertySymbols;\n\n/** Creates an array of the own and inherited enumerable symbols of\n  `object`.\n>\n@private\n@param {Object} object The object to query.\n@returns {Array} Returns the array

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of symbols.\n */\nvar getSymbolsIn = !nativeGetSymbols ? stubArray : function(object) {\n  var result = [];\n  while (object) {\n    arrayPush(result, getSymbols(object));\n    object = getPrototypeOf(object);\n  }\n  return result;\n};\n\nmodule.exports = getSymbolsIn;\n", "/*\n * Appends the elements of `values` to `array`.\n * @private\n * @param {Array} array The array to modify.\n * @param {Array} values The values to append.\n * @returns {Array} Returns `array`.\n */\nfunction arrayPush(array, values) {\n  var index = -1,\n      length = values.length,\n          offset = array.length;\n\n  while (++index < length) {\n    array[offset + index] = values[index];\n  }\n  return array;\n}\n\nmodule.exports = arrayPush;\n", "var arrayPush = require('./_arrayPush'),\n    isArray = require('./isArray');\n\n/*\n * The base implementation of `getAllKeys` and `getAllKeysIn` which uses\n * `keysFunc` and `symbolsFunc` to get the enumerable property names and\n * symbols of `object`.\n * @private\n * @param {Object} object The object to query.\n * @param {Function} keysFunc The function to get the keys of `object`.\n * @param {Function} symbolsFunc The function to get the symbols of `object`.\n * @returns {Array} Returns the array of property names and symbols.\n */\nfunction baseGetAllKeys(object, keysFunc, symbolsFunc) {\n  var result = keysFunc(object);\n  return isArray(object) ? result : arrayPush(result, symbolsFunc(object));\n}\n\nmodule.exports = baseGetAllKeys;\n", "use strict";\n\nlet fastProto = null;\n\n// Creates an object with permanently fast properties in V8. See Toon Verwaest's\n// post https://medium.com/@tverwaes/setting-up-prototypes-in-v8-ec9c9491dfe2#5f62\n// for more details. Use %HasFastProperties(object) and the Node.js flag\n// --allow-natives-syntax to check whether an object has fast properties.\nfunction FastObject(o) {\n  // A prototype object will have "fast properties" enabled once it is checked\n  // against the inline property cache of a function, e.g. fastProto.property;\n  https://github.com/v8/v8/blob/6.0.122/test/mjsunit/fast-prototype.js#L48-L63\n  (fastProto !== null && typeof fastProto.property) {\n    const result = fastProto;\n    fastProto = FastObject.prototype = null;\n    return result;\n  }\n  fastProto = FastObject.prototype = o === null ? Object.create(null) : o;\n  return new FastObject;\n}\n\n// Initialize the inline property cache of FastObject\nFastObject();\n\nmodule.exports = function toFastproperties(o) {\n  return FastObject(o);\n};\n\n", "use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\nexports.default = isPlaceholderType;\n\nvar _definitions = require(\"../definitions\");\n\nfunction isPlaceholderType(placeholderType, targetType) {\n  if (placeholderType === targetType) return true;\n  const aliases = _definitions.PLACEHOLDERS_ALIAS[placeholderType];\n  if (aliases) {\n    for (const alias of aliases) {\n      if (targetType === alias) return true;\n    }\n  }\n  return false;\n}\n\n", "use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\nexports.PLACEHOLDERS_FLIPPED_ALIAS = exports.PLACEHOLDERS_ALIAS = exports.PLACEHOLDERS = void 0;\n\nvar _utils = require(\"../utils\");\n\nconst PLACEHOLDERS = [\"Identifier\", \"StringLiteral\", \"Expression\", \"Statement\", \"Declaration\", \"BlockStatement\", \"ClassBody\", \"Pattern\"];\nexports.PLACEHOLDERS = PLACEHOLDERS;\n\nconst PLACEHOLDERS_ALIAS = {\n  Declaration: [\"Statement\"],\n  Pattern: [\"PatternLike\", \"LVal\"]\n};\nexports.PLACEHOLDERS_ALIAS = PLACEHOLDERS_ALIAS;\n\nfor (const type of PLACEHOLDERS) {\n  const alias = _utils.ALIAS_KEYS[type];\n  if (alias === null ? void 0 : alias.length) PLACEHOLDERS_ALIAS[type] = alias;\n}\n\nconst PLACEHOLDERS_FLIPPED_ALIAS = {};\nexports.PLACEHOLDERS_FLIPPED_ALIAS = PLACEHOLDERS_FLIPPED_ALIAS;\n\nObject.keys(PLACEHOLDERS_ALIAS).forEach(type => {\n  PLACEHOLDERS_ALIAS[type].forEach(alias => {\n    if (!Object.hasOwnProperty.call(PLACEHOLDERS_FLIPPED_ALIAS, alias)) {\n      PLACEHOLDERS_FLIPPED_ALIAS[alias] = [];\n    }\n    PLACEHOLDERS_FLIPPED_ALIAS[alias].push(type);\n  });\n});\n\n", "use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\nexports.default = isNode;\n\nvar _definitions = require(\"../definitions\");\n\nfunction isNode(node) {\n  return !!(node && _definitions.VISITOR_KEYS[node.type]);\n}\n\n", "use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\nexports.default = removeTypeDuplicates;\n\nvar _generated = require(\"../validators/generated\");\n\nfunction removeTypeDuplicates(nodes) {\n  const generics = {};\n  const bases = {};\n  const typeGroups = [];\n  const types = [];\n  for (let i = 0; i < nodes.length; i++) {\n    const node =

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nodes[i];\n if (!node) continue;\n\n if (types.indexOf(node) >= 0) {\n continue;\n }\n\n if ((0,
_generated.isAnyTypeAnnotation)(node)) {\n return [node];\n }\n\n if ((0,
_generated.isFlowBaseAnnotation)(node)) {\n bases[node.type] = node;\n continue;\n }\n\n if ((0,
_generated.isUnionTypeAnnotation)(node)) {\n if (typeGroups.indexOf(node.types) < 0) {\n nodes =
nodes.concat(node.types);\n typeGroups.push(node.types);\n }\n\n continue;\n }\n\n if ((0,
_generated.isGenericTypeAnnotation)(node)) {\n const name = node.id.name;\n\n if (generics[name]) {\n
let existing = generics[name];\n\n if (existing.typeParameters) {\n if (node.typeParameters) {\n
existing.typeParameters.params =
removeTypeDuplicates(existing.typeParameters.params.concat(node.typeParameters.params));\n }
} else {\n existing = node.typeParameters;\n }
} else {\n generics[name] = node;\n }\n\n continue;\n }\n\n types.push(node);\n }\n\n for (const type of Object.keys(bases)) {\n
types.push(bases[type]);\n }\n\n for (const name of Object.keys(generics)) {\n types.push(generics[name]);\n
}\n\n return types;\n }", "\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\n\nexports.default = addComments;\n\nfunction addComments(node, type, comments) {\n if (!comments ||
!node) return node;\n const key = `${type}Comments`;\n\n if (node[key]) {\n if (type === \"leading\") {\n
node[key] = comments.concat(node[key]);\n } else {\n node[key] = node[key].concat(comments);\n }\n }
else {\n node[key] = comments;\n }\n\n return node;\n }", "\"use strict\";\n\nObject.defineProperty(exports,
\"__esModule\", {\n value: true\n});\n\nexports.default = inheritInnerComments;\n\nvar _inherit =
_interopRequireDefault(require(\"../utils/inherit\"));\n\nfunction _interopRequireDefault(obj) { return obj &&
obj.__esModule ? obj : { default: obj }; }\n\nfunction inheritInnerComments(child, parent) {\n (0,
_inherit.default)(\"innerComments\", child, parent);\n }", "\"use strict\";\n\nObject.defineProperty(exports,
\"__esModule\", {\n value: true\n});\n\nexports.default = inheritLeadingComments;\n\nvar _inherit =
_interopRequireDefault(require(\"../utils/inherit\"));\n\nfunction _interopRequireDefault(obj) { return obj &&
obj.__esModule ? obj : { default: obj }; }\n\nfunction inheritLeadingComments(child, parent) {\n (0,
_inherit.default)(\"leadingComments\", child, parent);\n }", "\"use strict\";\n\nObject.defineProperty(exports,
\"__esModule\", {\n value: true\n});\n\nexports.default = inheritsComments;\n\nvar _inheritTrailingComments =
_interopRequireDefault(require(\"./inheritTrailingComments\"));\n\nvar _inheritLeadingComments =
_interopRequireDefault(require(\"./inheritLeadingComments\"));\n\nvar _inheritInnerComments =
_interopRequireDefault(require(\"./inheritInnerComments\"));\n\nfunction _interopRequireDefault(obj) { return obj
&& obj.__esModule ? obj : { default: obj }; }\n\nfunction inheritsComments(child, parent) {\n (0,
_inheritTrailingComments.default)(child, parent);\n (0, _inheritLeadingComments.default)(child, parent);\n (0,
_inheritInnerComments.default)(child, parent);\n return child;\n }", "\"use strict\";\n\nObject.defineProperty(exports,
\"__esModule\", {\n value: true\n});\n\nexports.default = inheritTrailingComments;\n\nvar _inherit =
_interopRequireDefault(require(\"../utils/inherit\"));\n\nfunction _interopRequireDefault(obj) { return obj &&
obj.__esModule ? obj : { default: obj }; }\n\nfunction inheritTrailingComments(child, parent) {\n (0,
_inherit.default)(\"trailingComments\", child, parent);\n }", "\"use strict\";\n\nObject.defineProperty(exports,
\"__esModule\", {\n value: true\n});\n\nexports.default = toBlock;\n\nvar _generated =
require(\"../validators/generated\");\n\nvar _generated2 = require(\"../builders/generated\");\n\nfunction
toBlock(node, parent) {\n if ((0, _generated.isBlockStatement)(node)) {\n return node;\n }\n\n let blockNodes =
[];\n\n if ((0, _generated.isEmptyStatement)(node)) {\n blockNodes = [];\n } else {\n if (!(0,
_generated.isStatement)(node)) {\n if ((0, _generated.isFunction)(parent)) {\n node = (0,
_generated2.returnStatement)(node);\n } else {\n node = (0, _generated2.expressionStatement)(node);\n
}\n }\n\n blockNodes = [node];\n }\n\n return (0, _generated2.blockStatement)(blockNodes);\n }", "\"use
strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\n\nexports.default =
toIdentifier;\n\nvar _isValidIdentifier =
_interopRequireDefault(require(\"../validators/isValidIdentifier\"));\n\nfunction _interopRequireDefault(obj) {
return obj && obj.__esModule ? obj : { default: obj }; }\n\nfunction toIdentifier(name) {\n name = name +
\"\";\n name = name.replace(/^[a-zA-Z0-9$_]/g, \"-\");\n name = name.replace(/^-+/, \"\");\n name = name.replace(/[-
/

```

```

\\s|+(.)?/g, function (match, c) {\n  return c ? c.toUpperCase() : "\\";\n });\n\n if (!(0,
_isValidIdentifier.default)(name)) {\n  name = `_${name}`;\n }\n\n return name || "\\_";\n }", ""use
strict";\n\nObject.defineProperty(exports, `__esModule`, {\n value: true\n});\n\nexports.default =
removePropertiesDeep;\n\n\nvar _traverseFast = _interopRequireDefault(require("../traverse/traverseFast"));
_removeProperties = _interopRequireDefault(require("../removeProperties"));
\n\nfunction
_interopRequireDefault(obj) { return obj && obj.__esModule ? obj : { default: obj }; }\n\nfunction
removePropertiesDeep(tree, opts) {\n (0, _traverseFast.default)(tree, _removeProperties.default, opts);\n return
tree;\n }", ""use strict";\n\nObject.defineProperty(exports, `__esModule`, {\n value: true\n});\n\nexports.default =
traverseFast;\n\n\nvar _definitions = require("../definitions");\n\nfunction traverseFast(node, enter, opts) {\n if
(!node) return;\n const keys = _definitions.VISITOR_KEYS[node.type];\n if (!keys) return;\n opts = opts || {};\n
enter(node, opts);\n\n for (const key of keys) {\n const subNode = node[key];\n\n if (Array.isArray(subNode))
{\n for (const node of subNode) {\n traverseFast(node, enter, opts);\n }\n } else {\n
traverseFast(subNode, enter, opts);\n }\n }\n }", ""use strict";\n\nObject.defineProperty(exports, `__esModule`,
{\n value: true\n});\n\nexports.default = removeProperties;\n\n\nvar _constants = require("../constants");\n\nconst
CLEAR_KEYS = ["tokens", "start", "end", "loc", "raw", "rawValue"];
\n\nconst
CLEAR_KEYS_PLUS_COMMENTS =
_constants.COMMENT_KEYS.concat(["comments"]).concat(CLEAR_KEYS);\n\nfunction
removeProperties(node, opts = {}) {\n const map = opts.preserveComments ? CLEAR_KEYS :
CLEAR_KEYS_PLUS_COMMENTS;\n\n for (const key of map) {\n if (node[key] != null) node[key] =
undefined;\n }\n\n for (const key of Object.keys(node)) {\n if (key[0] === "\\_" && node[key] != null) node[key]
= undefined;\n }\n\n const symbols = Object.getOwnPropertySymbols(node);\n\n for (const sym of symbols) {\n
node[sym] = null;\n }\n }", ""use strict";\n\nObject.defineProperty(exports, `__esModule`, {\n value:
true\n});\n\nexports.default = isLet;\n\n\nvar _generated = require("../generated");\n\n\nvar _constants =
require("../constants");\n\nfunction isLet(node) {\n return (0, _generated.isVariableDeclaration)(node) &&
(node.kind !== "var" || node[_constants.BLOCK_SCOPED_SYMBOL]);\n }", "\n/**\n * This is the common logic
for both the Node.js and web browser\n * implementations of `debug()`. \n */\n\nfunction setup(env)
{\n\tcreateDebug.debug = createDebug;\n\tcreateDebug.default = createDebug;\n\tcreateDebug.coerce =
coerce;\n\tcreateDebug.disable = disable;\n\tcreateDebug.enable = enable;\n\tcreateDebug.enabled =
enabled;\n\tcreateDebug.humanize = require('ms');\n\n\tObject.keys(env).forEach(key => {\n\t\tcreateDebug[key] =
env[key];\n\t});\n\n\t/**\n\t * Active `debug` instances.\n\t */\n\tcreateDebug.instances = [];\n\n\t/**\n\t * The
currently active debug mode names, and names to skip.\n\t */\n\tcreateDebug.names = [];\n\tcreateDebug.skips =
[];\n\n\t/**\n\t * Map of special "%n" handling functions, for the debug "format" argument.\n\t */\n\t * Valid key
names are a single, lower or upper-case letter, i.e. "n" and "N".\n\t */\n\tcreateDebug.formatters = {};\n\n\t/**\n\t *
Selects a color for a debug namespace\n\t * @param {String} namespace The namespace string for the for the debug
instance to be colored\n\t * @return {Number|String} An ANSI color code for the given namespace\n\t * @api
private\n\t */\n\tfunction selectColor(namespace) {\n\t\tlet hash = 0;\n\t\tfor (let i = 0; i < namespace.length; i++)
{\n\t\t\tthash = ((hash << 5) - hash) + namespace.charCodeAt(i);\n\t\t\tthash |= 0; // Convert to 32bit
integer\n\t\t}\n\t\treturn createDebug.colors[Math.abs(hash) %
createDebug.colors.length];\n\t}\n\tcreateDebug.selectColor = selectColor;\n\n\t/**\n\t * Create a debugger with the
given `namespace`.\n\t * @param {String} namespace\n\t * @return {Function}\n\t * @api
public\n\t */\n\tfunction createDebug(namespace) {\n\t\tlet prevTime;\n\t\tfunction debug(...args) {\n\t\t\t//
Disabled?\n\t\t\tif (!debug.enabled) {\n\t\t\t\treturn;\n\t\t\t}\n\t\t\tconst self = debug;\n\t\t\t// Set `diff`
timestamp\n\t\t\tconst curr = Number(new Date());\n\t\t\tconst ms = curr - (prevTime || curr);\n\t\t\tself.diff =
ms;\n\t\t\tself.prev = prevTime;\n\t\t\tself.curr = curr;\n\t\t\tprevTime = curr;\n\t\t\t\targs[0] =
createDebug.coerce(args[0]);\n\t\t\t\tif (typeof args[0] !== 'string') {\n\t\t\t\t\t// Anything else let's inspect with
%O\n\t\t\t\t\targs.unshift('%O');\n\t\t\t\t}\n\t\t\t\t// Apply any `formatters` transformations\n\t\t\t\tlet index =
0;\n\t\t\t\targs[0] = args[0].replace(/%([a-zA-Z%])/g, (match, format) => {\n\t\t\t\t\t// If we encounter an escaped %
then don't increase the array index\n\t\t\t\t\tif (match === '%%') {\n\t\t\t\t\t\treturn

```



```

_interopRequireWildcard(obj) { if (obj && obj.__esModule) { return obj; } if (obj === null || typeof obj !==
"object" && typeof obj !== "function") { return { default: obj }; } var cache = _getRequireWildcardCache(); if
(cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var hasPropertyDescriptor =
Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }
function _interopRequireDefault(obj) { return obj &&
obj.__esModule ? obj : { default: obj }; }
function gatherNodeParts(node, parts) {
  switch (node == null ? void 0 : node.type) {
    default:
      if (t.isModuleDeclaration(node)) {
        if (node.source) {
          gatherNodeParts(node.source, parts);
        } else if (node.specifiers && node.specifiers.length) {
          for (const e of node.specifiers) gatherNodeParts(e, parts);
        } else if (node.declaration) {
          gatherNodeParts(node.declaration, parts);
        }
      } else if (t.isModuleSpecifier(node)) {
        gatherNodeParts(node.local, parts);
      } else if (t.isLiteral(node)) {
        parts.push(node.value);
      }
      break;
    case "MemberExpression":
    case "OptionalMemberExpression":
    case "JSXMemberExpression":
      gatherNodeParts(node.object, parts);
      gatherNodeParts(node.property,
parts);
      break;
    case "Identifier":
    case "JSXIdentifier":
      parts.push(node.name);
      break;
    case "CallExpression":
    case "OptionalCallExpression":
    case "NewExpression":
      gatherNodeParts(node.callee, parts);
      break;
    case "ObjectExpression":
    case "ObjectPattern":
      for (const e of node.properties) {
        gatherNodeParts(e, parts);
      }
      break;
    case "SpreadElement":
    case "RestElement":
      gatherNodeParts(node.argument, parts);
      break;
    case "ObjectProperty":
    case "ObjectMethod":
    case "ClassProperty":
    case "ClassMethod":
    case "ClassPrivateProperty":
    case "ClassPrivateMethod":
      gatherNodeParts(node.key, parts);
      break;
    case "ThisExpression":
      parts.push("this");
      break;
    case "Super":
      parts.push("super");
      break;
    case "Import":
      parts.push("import");
      break;
    case "DoExpression":
      parts.push("do");
      break;
    case "YieldExpression":
      parts.push("yield");
      gatherNodeParts(node.argument, parts);
      break;
    case "AwaitExpression":
      parts.push("await");
      gatherNodeParts(node.argument, parts);
      break;
    case "AssignmentExpression":
      gatherNodeParts(node.left, parts);
      break;
    case "VariableDeclarator":
      gatherNodeParts(node.id,
parts);
      break;
    case "FunctionExpression":
    case "FunctionDeclaration":
    case "ClassExpression":
    case "ClassDeclaration":
      gatherNodeParts(node.id, parts);
      break;
    case "PrivateName":
      gatherNodeParts(node.id, parts);
      break;
    case "ParenthesizedExpression":
      gatherNodeParts(node.expression, parts);
      break;
    case "UnaryExpression":
    case "UpdateExpression":
      gatherNodeParts(node.argument, parts);
      break;
    case "MetaProperty":
      gatherNodeParts(node.meta, parts);
      gatherNodeParts(node.property, parts);
      break;
    case "JSXElement":
      gatherNodeParts(node.openingElement, parts);
      break;
    case "JSXOpeningElement":
      parts.push(node.name);
      break;
    case "JSXFragment":
      gatherNodeParts(node.openingFragment, parts);
      break;
    case "JSXOpeningFragment":
      parts.push("Fragment");
      break;
    case "JSXNamespacedName":
      gatherNodeParts(node.namespace,
parts);
      gatherNodeParts(node.name, parts);
      break;
  }
}
const collectorVisitor = {
  For(path) {
    for (const key of t.FOR_INIT_KEYS) {
      const declar = path.get(key);
      if (declar.isVar()) {
        const parentScope = path.scope.getFunctionParent() || path.scope.getProgramParent();
        parentScope.registerBinding("var", declar);
      }
    }
  },
  Declaration(path) {
    if (path.isBlockScoped()) return;
    if (path.isExportDeclaration() && path.get("declaration").isDeclaration()) return;
    const parent = path.scope.getFunctionParent() || path.scope.getProgramParent();
    parent.registerDeclaration(path);
  },
  ReferencedIdentifier(path, state) {
    state.references.push(path);
  },
  ForXStatement(path, state) {
    const left = path.get("left");
    if (left.isPattern() || left.isIdentifier()) {
      state.constantViolations.push(path);
    }
  },
  ExportDeclaration: {
    exit(path) {
      const {

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node,\n  scope\n  } = path;\n  const declar = node.declaration;\n\n  if (t.isClassDeclaration(declar) ||
t.isFunctionDeclaration(declar)) {\n    const id = declar.id;\n    if (!id) return;\n    const binding =
scope.getBinding(id.name);\n    if (binding) binding.reference(path);\n  } else if
(t.isVariableDeclaration(declar)) {\n    for (const decl of declar.declarations) {\n      for (const name of
Object.keys(t.getBindingIdentifiers(decl))) {\n        const binding = scope.getBinding(name);\n        if (binding)
binding.reference(path);\n      }\n    }\n  }\n}\n\nLabeledStatement(path) {\n
path.scope.getProgramParent().addGlobal(path.node);\n path.scope.getBlockParent().registerDeclaration(path);\n
},\n\n AssignmentExpression(path, state) {\n  state.assignments.push(path);\n },\n\n UpdateExpression(path,
state) {\n  state.constantViolations.push(path);\n },\n\n UnaryExpression(path, state) {\n  if (path.node.operator
=== "delete") {\n    state.constantViolations.push(path);\n  }\n },\n\n BlockScoped(path) {\n  let scope =
path.scope;\n  if (scope.path === path) scope = scope.parent;\n  const parent = scope.getBlockParent();\n
parent.registerDeclaration(path);\n\n  if (path.isClassDeclaration() && path.node.id) {\n    const id =
path.node.id;\n    const name = id.name;\n    path.scope.bindings[name] = path.scope.parent.getBinding(name);\n
}\n },\n\n Block(path) {\n  const paths = path.get("body");\n\n  for (const bodyPath of paths) {\n    if
(bodyPath.isFunctionDeclaration()) {\n      path.scope.getBlockParent().registerDeclaration(bodyPath);\n    }\n
}\n },\n\n CatchClause(path) {\n  path.scope.registerBinding("let", path);\n },\n\n Function(path) {\n  if
(path.isFunctionExpression() && path.has("id") && !path.get("id").node[t.NOT_LOCAL_BINDING]) {\n
path.scope.registerBinding("local", path.get("id"), path);\n }\n\n  const params = path.get("params");\n\n
for (const param of params) {\n    path.scope.registerBinding("param", param);\n  }\n },\n\n
ClassExpression(path) {\n  if (path.has("id") && !path.get("id").node[t.NOT_LOCAL_BINDING]) {\n
path.scope.registerBinding("local", path);\n }\n }\n\n\nlet uid = 0;\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n
class Scope {\n  constructor(path) {\n    const\n    node\n    } = path;\n\n    const cached = _cache.scope.get(node);\n\n    if ((cached === null ? void 0 :
cached.path) === path) {\n      return cached;\n    }\n\n    _cache.scope.set(node, this);\n\n    this.uid = uid++;\n
this.block = node;\n  this.path = path;\n  this.labels = new Map();\n  this.inited = false;\n }\n\n  get parent() {\n
const parent = this.path.findParent(p => p.isScope());\n  return parent === null ? void 0 : parent.scope;\n
}\n\n  get parentBlock() {\n    return this.path.parent;\n  }\n\n  get hub() {\n    return this.path.hub;\n  }\n
}\n\n  traverse(node,
opts, state) {\n    (0, _index.default)(node, opts, this, state, this.path);\n  }\n\n  generateDeclaredUidIdentifier(name)
{\n    const id = this.generateUidIdentifier(name);\n    this.push({\n      id\n    });\n    return t.cloneNode(id);\n
}\n\n  generateUidIdentifier(name) {\n    return t.identifier(this.generateUid(name));\n  }\n\n  generateUid(name =
"temp") {\n    name = t.toIdentifier(name).replace(/^_+/, "").replace(/[0-9]+$/g, "");\n    let uid;\n    let i = 1;\n
\n    do {\n      uid = this._generateUid(name, i);\n      i++;\n    } while (this.hasLabel(uid) || this.hasBinding(uid) ||
this.hasGlobal(uid) || this.hasReference(uid));\n\n    const program = this.getProgramParent();\n
\n    program.references[uid] = true;\n    program.uids[uid] = true;\n    return uid;\n  }\n\n  _generateUid(name, i) {\n
let id = name;\n  if (i > 1) id += i;\n  return `_${id}`;\n }\n\n  generateUidBasedOnNode(node, defaultName) {\n
const parts = [];\n  gatherNodeParts(node, parts);\n  let id = parts.join("$");\n  id = id.replace(/^_/, "") ||
defaultName || "ref";\n  return this.generateUid(id.slice(0, 20));\n }\n\n
\n  generateUidIdentifierBasedOnNode(node, defaultName) {\n    return
t.identifier(this.generateUidBasedOnNode(node, defaultName));\n  }\n\n  isStatic(node) {\n    if
(t.isThisExpression(node) || t.isSuper(node)) {\n      return true;\n    }\n\n    if (t.isIdentifier(node)) {\n      const
binding = this.getBinding(node.name);\n      if (binding) {\n        return binding.constant;\n      } else {\n        return
this.hasBinding(node.name);\n      }\n    }\n\n    return false;\n  }\n\n  maybeGenerateMemoised(node, dontPush) {\n
if (this.isStatic(node)) {\n    return null;\n  } else {\n    const id =
this.generateUidIdentifierBasedOnNode(node);\n\n    if (!dontPush) {\n      this.push({\n        id\n      });\n
\n    return t.cloneNode(id);\n  }\n\n  return id;\n }\n }\n\n  checkBlockScopedCollisions(local, kind, name, id)
{\n  if (kind === "param") return;\n  if (local.kind === "local") return;\n  const duplicate = kind === "let" ||
local.kind === "let" || local.kind === "const" || local.kind === "module" || local.kind === "param" && (kind
=== "let" || kind === "const");\n  if (duplicate) {\n    throw this.hub.buildError(id, `Duplicate declaration
"${name}"`, TypeError);\n  }\n }\n\n  rename(oldName, newName, block) {\n    const binding =

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this.getBinding(oldName);\n\n if (binding) {\n  newName = newName ||
this.generateUidIdentifier(oldName).name;\n  return new _renamer.default(binding, oldName,
newName).rename(block);\n } }\n\n _renameFromMap(map, oldName, newName, value) {\n if
(map[oldName]) {\n  map[newName] = value;\n  map[oldName] = null;\n } }\n\n dump() {\n const sep
= \"-\".repeat(60);\n console.log(sep);\n let scope = this;\n\n do {\n  console.log(\"#\", scope.block.type);\n\n
for (const name of Object.keys(scope.bindings)) {\n  const binding = scope.bindings[name];\n
console.log(\"-\", name, {\n  constant: binding.constant,\n  references: binding.references,\n
violations: binding.constantViolations.length,\n  kind: binding.kind\n });\n } }\n } while (scope =
scope.parent);\n\n console.log(sep);\n }\n\n toArray(node, i, allowArrayLike) {\n if (t.isIdentifier(node)) {\n
const binding = this.getBinding(node.name);\n  if ((binding == null ? void 0 : binding.constant) &&
binding.path.isGenericType(\"Array\")) {\n  return node;\n } }\n\n if (t.isArrayExpression(node)) {\n
return node;\n }\n\n if (t.isIdentifier(node, {\n  name: \"arguments\"\n })) {\n  return
t.callExpression(t.memberExpression(t.memberExpression(t.memberExpression(t.identifier(\"Array\"),
t.identifier(\"prototype\")), t.identifier(\"slice\")), t.identifier(\"call\")), [node]);\n } }\n\n let helperName;\n const
args = [node];\n\n if (i === true) {\n  helperName = \"toConsumableArray\";\n } else if (i) {\n
args.push(t.numericLiteral(i));\n  helperName = \"slicedToArray\";\n } else {\n  helperName = \"toArray\";\n
}\n\n if (allowArrayLike) {\n  args.unshift(this.hub.addHelper(helperName));\n  helperName =
\"maybeArrayLike\";\n }\n\n return t.callExpression(this.hub.addHelper(helperName), args);\n }\n\n
hasLabel(name) {\n return !!this.getLabel(name);\n }\n\n getLabel(name) {\n return this.labels.get(name);\n
}\n\n registerLabel(path) {\n this.labels.set(path.node.label.name, path);\n }\n\n registerDeclaration(path) {\n if
(path.isLabeledStatement()) {\n  this.registerLabel(path);\n } else if (path.isFunctionDeclaration()) {\n
this.registerBinding(\"hoisted\", path.get(\"id\"), path);\n } else if (path.isVariableDeclaration()) {\n  const
declarations = path.get(\"declarations\");\n\n for (const declar of declarations) {\n
this.registerBinding(path.node.kind, declar);\n } }\n } else if (path.isClassDeclaration()) {\n
this.registerBinding(\"let\", path);\n } else if (path.isImportDeclaration()) {\n  const specifiers =
path.get(\"specifiers\");\n\n for (const specifier of specifiers) {\n  this.registerBinding(\"module\",
specifier);\n } }\n } else if (path.isExportDeclaration()) {\n  const declar = path.get(\"declaration\");\n\n if
(declar.isClassDeclaration() || declar.isFunctionDeclaration() || declar.isVariableDeclaration()) {\n
this.registerDeclaration(declar);\n } }\n } else {\n  this.registerBinding(\"unknown\", path);\n } }\n\n
buildUndefinedNode() {\n return t.unaryExpression(\"void\", t.numericLiteral(0), true);\n }\n\n
registerConstantViolation(path) {\n const ids = path.getBindingIdentifiers();\n\n for (const name of
Object.keys(ids)) {\n  const binding = this.getBinding(name);\n  if (binding) binding.reassign(path);\n } }\n\n
registerBinding(kind, path, bindingPath = path) {\n if (!kind) throw new ReferenceError(\"no `kind`\");\n\n
if (path.isVariableDeclaration()) {\n  const declarators = path.get(\"declarations\");\n\n for (const declar of
declarators) {\n  this.registerBinding(kind, declar);\n } }\n\n return;\n }\n\n const parent =
this.getProgramParent();\n  const ids = path.getOuterBindingIdentifiers(true);\n\n for (const name of
Object.keys(ids)) {\n  parent.references[name] = true;\n\n for (const id of ids[name]) {\n  const local =
this.getOwnBinding(name);\n\n if (local) {\n  if (local.identifier === id) continue;\n
this.checkBlockScopedCollisions(local, kind, name, id);\n } }\n\n if (local) {\n
this.registerConstantViolation(bindingPath);\n } else {\n  this.bindings[name] = new _binding.default({\n
  identifier: id,\n  scope: this,\n  path: bindingPath,\n  kind: kind\n });\n } }\n\n
}\n\n addGlobal(node) {\n this.globals[node.name] = node;\n }\n\n hasUid(name) {\n let scope = this;\n\n
do {\n  if (scope.uids[name]) return true;\n } while (scope = scope.parent);\n\n return false;\n }\n\n
hasGlobal(name) {\n let scope = this;\n\n do {\n  if (scope.globals[name]) return true;\n } while (scope =
scope.parent);\n\n return false;\n }\n\n hasReference(name) {\n return
!!this.getProgramParent().references[name];\n }\n\n isPure(node, constantsOnly) {\n if (t.isIdentifier(node)) {\n
const binding = this.getBinding(node.name);\n  if (!binding) return false;\n  if (constantsOnly) return
binding.constant;\n  return true;\n } else if (t.isClass(node)) {\n  if (node.superClass &&

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!this.isPure(node.superClass, constantsOnly)) {\n    return false;\n    }\n\n    return this.isPure(node.body,
constantsOnly);\n    } else if (t.isClassBody(node)) {\n    for (const method of node.body) {\n    if
(!this.isPure(method, constantsOnly)) return false;\n    }\n\n    return true;\n    } else if (t.isBinary(node)) {\n
return this.isPure(node.left, constantsOnly) && this.isPure(node.right, constantsOnly);\n    } else if
(t.isArrayExpression(node)) {\n    for (const elem of node.elements) {\n    if (!this.isPure(elem, constantsOnly))
return false;\n    }\n\n    return true;\n    } else if (t.isObjectExpression(node)) {\n    for (const prop of
node.properties) {\n    if (!this.isPure(prop, constantsOnly)) return false;\n    }\n\n    return true;\n    } else if
(t.isMethod(node)) {\n    if (node.computed && !this.isPure(node.key, constantsOnly)) return false;\n    if
(node.kind === \"get\" || node.kind === \"set\") return false;\n    return true;\n    } else if (t.isProperty(node)) {\n
if (node.computed && !this.isPure(node.key, constantsOnly)) return false;\n    return this.isPure(node.value,
constantsOnly);\n    } else if (t.isUnaryExpression(node)) {\n    return this.isPure(node.argument, constantsOnly);\n
    } else if (t.isTaggedTemplateExpression(node)) {\n    return t.matchesPattern(node.tag, \"String.raw\") &&
!this.hasBinding(\"String\", true) && this.isPure(node.quasi, constantsOnly);\n    } else if
(t.isTemplateLiteral(node)) {\n    for (const expression of node.expressions) {\n    if (!this.isPure(expression,
constantsOnly)) return false;\n    }\n\n    return true;\n    } else {\n    return t.isPureish(node);\n    }\n\n}\n\n
setData(key, val) {\n    return this.data[key] = val;\n    }\n\n    getData(key) {\n    let scope = this;\n\n    do {\n    const
data = scope.data[key];\n    if (data != null) return data;\n    } while (scope = scope.parent);\n    }\n\n
removeData(key) {\n    let scope = this;\n\n    do {\n    const data = scope.data[key];\n    if (data != null)
scope.data[key] = null;\n    } while (scope = scope.parent);\n    }\n\n    init() {\n    if (!this.inited) {\n    this.inited =
true;\n    this.crawl();\n    }\n    }\n\n    crawl() {\n    const path = this.path;\n    this.references = Object.create(null);\n
this.bindings = Object.create(null);\n    this.globals = Object.create(null);\n    this.uids = Object.create(null);\n
this.data = Object.create(null);\n\n    if (path.isFunction()) {\n    if (path.isFunctionExpression() &&
path.has(\"id\") && !path.get(\"id\").node[t.NOT_LOCAL_BINDING]) {\n    this.registerBinding(\"local\",
path.get(\"id\"), path);\n    }\n\n    const params = path.get(\"params\");\n\n    for (const param of params) {\n
this.registerBinding(\"param\", param);\n    }\n\n    }\n\n    const programParent = this.getProgramParent();\n    if
(programParent.crawling) return;\n    const state = {\n    references: [],\n    constantViolations: [],\n
assignments: []\n    };\n    this.crawling = true;\n    path.traverse(collectorVisitor, state);\n    this.crawling = false;\n\n
for (const path of state.assignments) {\n    const ids = path.getBindingIdentifiers();\n\n    for (const name of
Object.keys(ids)) {\n    if (path.scope.getBinding(name)) continue;\n    programParent.addGlobal(ids[name]);\n
    }\n\n    path.scope.registerConstantViolation(path);\n    }\n\n    for (const ref of state.references) {\n    const
binding = ref.scope.getBinding(ref.node.name);\n\n    if (binding) {\n    binding.reference(ref);\n    } else {\n
programParent.addGlobal(ref.node);\n    }\n    }\n\n    for (const path of state.constantViolations) {\n
path.scope.registerConstantViolation(path);\n    }\n\n    }\n\n    push(opts) {\n    let path = this.path;\n\n    if
(!path.isBlockStatement() && !path.isProgram()) {\n    path = this.getBlockParent().path;\n    }\n\n    if
(path.isSwitchStatement()) {\n    path = (this.getFunctionParent() || this.getProgramParent()).path;\n    }\n\n    if
(path.isLoop() || path.isCatchClause() || path.isFunction()) {\n    path.ensureBlock();\n    path =
path.get(\"body\");\n    }\n\n    const unique = opts.unique;\n    const kind = opts.kind || \"var\";\n    const blockHoist
= opts._blockHoist == null ? 2 : opts._blockHoist;\n    const dataKey = `declaration:${kind}:${blockHoist}`;\n    let
declarPath = !unique && path.getData(dataKey);\n\n    if (!declarPath) {\n    const declar =
t.variableDeclaration(kind, []);\n    declar._blockHoist = blockHoist;\n    [declarPath] =
path.unshiftContainer(\"body\", [declar]);\n    if (!unique) path.setData(dataKey, declarPath);\n    }\n\n    const
declarator = t.variableDeclarator(opts.id, opts.init);\n    declarPath.node.declarations.push(declarator);\n
this.registerBinding(kind, declarPath.get(\"declarations\").pop());\n    }\n\n    getProgramParent() {\n    let scope =
this;\n\n    do {\n    if (scope.path.isProgram()) {\n    return scope;\n    }\n    } while (scope = scope.parent);\n\n
throw new Error(\"Couldn't find a Program\");\n    }\n\n    getFunctionParent() {\n    let scope = this;\n\n    do {\n    if
(scope.path.isFunctionParent()) {\n    return scope;\n    }\n    } while (scope = scope.parent);\n\n    return null;\n
}\n\n    getBlockParent() {\n    let scope = this;\n\n    do {\n    if (scope.path.isBlockParent()) {\n    return scope;\n
}\n    } while (scope = scope.parent);\n\n    throw new Error(\"We couldn't find a BlockStatement, For, Switch,

```



```

Function, Loop or Program...");
}

getAllBindings() {
  const ids = Object.create(null);
  let scope = this;
  do {
    for (const key of Object.keys(scope.bindings)) {
      if (key in ids === false) {
        ids[key] = scope.bindings[key];
      }
    }
    scope = scope.parent;
  } while (scope);
  return ids;
}

getAllBindingsOfKind() {
  const ids = Object.create(null);
  for (const kind of arguments) {
    let scope = this;
    do {
      for (const name of Object.keys(scope.bindings)) {
        const binding = scope.bindings[name];
        if (binding.kind === kind) ids[name] = binding;
      }
      scope = scope.parent;
    } while (scope);
  }
  return ids;
}

bindingIdentifierEquals(name, node) {
  return this.getBindingIdentifier(name) === node;
}

getBinding(name) {
  let scope = this;
  let previousPath;
  do {
    const binding = scope.getOwnBinding(name);
    if (binding) {
      var _previousPath;
      if (((_previousPath = previousPath) == null ? void 0 : _previousPath.isPattern()) && binding.kind !== "param") {
        return binding;
      }
      previousPath = scope.path;
    }
    while (scope = scope.parent);
  }
  return this.getOwnBinding(name);
}

getBindingIdentifier(name) {
  var _this$getBinding;
  return (_this$getBinding = this.getBinding(name)) == null ? void 0 : _this$getBinding.identifier;
}

getOwnBindingIdentifier(name) {
  const binding = this.bindings[name];
  return binding == null ? void 0 : binding.identifier;
}

hasOwnBinding(name) {
  return !!this.getOwnBinding(name);
}

hasBinding(name, noGlobals) {
  if (!name) return false;
  if (this.hasOwnBinding(name)) return true;
  if (this.parentHasBinding(name, noGlobals)) return true;
  if (this.hasUid(name)) return true;
  if (!noGlobals && Scope.globals.includes(name)) return true;
  if (!noGlobals && Scope.contextVariables.includes(name)) return true;
  return false;
}

parentHasBinding(name, noGlobals) {
  var _this$parent;
  return (_this$parent = this.parent) == null ? void 0 : _this$parent.hasBinding(name, noGlobals);
}

moveBindingTo(name, scope) {
  const info = this.getBinding(name);
  if (info) {
    info.scope.removeOwnBinding(name);
    info.scope = scope;
    scope.bindings[name] = info;
  }
}

removeOwnBinding(name) {
  delete this.bindings[name];
}

removeBinding(name) {
  var _this$getBinding2;
  (_this$getBinding2 = this.getBinding(name)) == null ? void 0 : _this$getBinding2.scope.removeOwnBinding(name);
  let scope = this;
  do {
    if (scope.uids[name]) {
      scope.uids[name] = false;
    }
  } while (scope = scope.parent);
}

nexports.default = Scope;
Scope.globals = Object.keys(_globals.default.builtin);
Scope.contextVariables = ["arguments", "undefined", "Infinity", "NaN"];
"use strict";
Object.defineProperty(exports, "__esModule", {
  value: true
});
nexports.default = void 0;
class Binding {
  constructor({
    identifier,
    scope,
    path,
    kind
  }) {
    this.constantViolations = [];
    this.constant = true;
    this.referencePaths = [];
    this.referenced = false;
    this.references = 0;
    this.identifier = identifier;
    this.scope = scope;
    this.path = path;
    this.kind = kind;
    this.clearValue();
  }

  deoptValue() {
    this.clearValue();
    this.hasDeoptedValue = true;
  }

  setValue(value) {
    if (this.hasDeoptedValue) return;
    this.hasValue = true;
    this.value = value;
  }

  clearValue() {
    this.hasDeoptedValue = false;
    this.hasValue = false;
    this.value = null;
  }

  reassign(path) {
    this.constant = false;
    if (this.constantViolations.indexOf(path) !== -1) {
      return;
    }
    this.constantViolations.push(path);
  }

  reference(path) {
    if (this.referencePaths.indexOf(path) !== -1) {
      return;
    }
    this.referenced = true;
    this.references++;
    this.referencePaths.push(path);
  }

  dereference() {
    this.references--;
    this.referenced = !!this.references;
  }

  nexports.default = Binding;
}
"use strict";
Object.defineProperty(exports, "__esModule", {
  value: true
});
nexports.default = buildMatchMemberExpression;
var _matchesPattern = require("./matchesPattern");
function buildMatchMemberExpression(match, allowPartial) {
  const parts = match.split(/\./);
  return member => (0, _matchesPattern.default)(member, parts, allowPartial);
}
"use strict";
Object.defineProperty(exports, "__esModule", {
  value: true
});
nexports.default = matchesPattern;
var _generated = require("./generated");
function matchesPattern(member, match, allowPartial) {
  if (!(0, _generated.isMemberExpression)(member)) return false;
  const parts = Array.isArray(match) ? match : match.split(/\./);
  const nodes = [];
  let node;
  for (node = member; (0, _generated.isMemberExpression)(node); node = node.object) {
    nodes.push(node.property);
  }
  nodes.push(node);
  if (nodes.length < parts.length) return false;
  if (!allowPartial && nodes.length >

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parts.length) return false;\n\n for (let i = 0, j = nodes.length - 1; i < parts.length; i++, j--) {\n  const node =
nodes[j];\n  let value;\n\n  if ((0, _generated.isIdentifier)(node)) {\n    value = node.name;\n  } else if ((0,
_generated.isStringLiteral)(node)) {\n    value = node.value;\n  } else if ((0, _generated.isThisExpression)(node))
{\n    value = \"this\";\n  } else {\n    return false;\n  }\n\n  if (parts[i] !== value) return false;\n }\n\n return
true;\n}","\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\nexports.default =
isPlaceholderType;\n\nvar _definitions = require(\"../definitions\");\n\nfunction isPlaceholderType(placeholderType,
targetType) {\n  if (placeholderType === targetType) return true;\n  const aliases =
_definitions.PLACEHOLDERS_ALIAS[placeholderType];\n\n  if (aliases) {\n    for (const alias of aliases) {\n      if
(targetType === alias) return true;\n    }\n  }\n\n  return false;\n}","\"use strict\";\n\nObject.defineProperty(exports,
\"__esModule\", {\n  value: true\n});\nexports.PLACEHOLDERS_FLIPPED_ALIAS =
exports.PLACEHOLDERS_ALIAS = exports.PLACEHOLDERS = void 0;\n\nvar _utils =
require(\"../utils\");\n\nconst PLACEHOLDERS = [\"Identifier\", \"StringLiteral\", \"Expression\", \"Statement\",
\"Declaration\", \"BlockStatement\", \"ClassBody\", \"Pattern\"];\n\nexports.PLACEHOLDERS =
PLACEHOLDERS;\n\nconst PLACEHOLDERS_ALIAS = {\n  Declaration: [\"Statement\"],\n  Pattern:
[\"PatternLike\", \"LVal\"]\n};\n\nexports.PLACEHOLDERS_ALIAS = PLACEHOLDERS_ALIAS;\n\nfor (const
type of PLACEHOLDERS) {\n  const alias = _utils.ALIAS_KEYS[type];\n  if (alias != null && alias.length)
PLACEHOLDERS_ALIAS[type] = alias;\n}\n\nconst PLACEHOLDERS_FLIPPED_ALIAS =
{};\n\nexports.PLACEHOLDERS_FLIPPED_ALIAS =
PLACEHOLDERS_FLIPPED_ALIAS;\n\nObject.keys(PLACEHOLDERS_ALIAS).forEach(type => {\n
PLACEHOLDERS_ALIAS[type].forEach(alias => {\n  if
(!Object.hasOwnProperty.call(PLACEHOLDERS_FLIPPED_ALIAS, alias)) {\n
PLACEHOLDERS_FLIPPED_ALIAS[alias] = [];\n  }\n\n
PLACEHOLDERS_FLIPPED_ALIAS[alias].push(type);\n });\n});","\"use
strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default = isNode;\n\nvar
_definitions = require(\"../definitions\");\n\nfunction isNode(node) {\n  return !(node &&
_definitions.VISITOR_KEYS[node.type]);\n}","\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\",
{\n  value: true\n});\n\nexports.default = removeTypeDuplicates;\n\nvar _generated =
require(\"../validators/generated\");\n\nfunction getQualified_name(node) {\n  return (0,
_generated.isIdentifier)(node) ? node.name :
`${node.id.name}.${getQualified_name(node.qualification)}`;\n}\n\nfunction removeTypeDuplicates(nodes) {\n
const generics = {};\n  const bases = {};\n  const typeGroups = [];\n  const types = [];\n\n  for (let i = 0; i <
nodes.length; i++) {\n    const node = nodes[i];\n    if (!node) continue;\n\n    if (types.indexOf(node) >= 0) {\n
continue;\n    }\n\n    if ((0, _generated.isAnyTypeAnnotation)(node)) {\n      return [node];\n    }\n\n    if ((0,
_generated.isFlowBaseAnnotation)(node)) {\n      bases[node.type] = node;\n      continue;\n    }\n\n    if ((0,
_generated.isUnionTypeAnnotation)(node)) {\n      if (typeGroups.indexOf(node.types) < 0) {\n        nodes =
nodes.concat(node.types);\n        typeGroups.push(node.types);\n      }\n\n      continue;\n    }\n\n    if ((0,
_generated.isGenericTypeAnnotation)(node)) {\n      const name = getQualified_name(node.id);\n\n      if
(generics[name]) {\n        let existing = generics[name];\n\n        if (existing.typeParameters) {\n          if
(node.typeParameters) {\n            existing.typeParameters.params =
removeTypeDuplicates(existing.typeParameters.params.concat(node.typeParameters.params));\n          }\n        }
else {\n          existing = node.typeParameters;\n        }\n      } else {\n        generics[name] = node;\n      }\n\n
continue;\n    }\n\n    types.push(node);\n  }\n\n  for (const type of Object.keys(bases)) {\n
types.push(bases[type]);\n }\n\n  for (const name of Object.keys(generics)) {\n    types.push(generics[name]);\n
}\n\n  return types;\n}","\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value:
true\n});\n\nexports.default = addComments;\n\nfunction addComments(node, type, comments) {\n  if (!comments ||
!node) return node;\n  const key = `${type}Comments`;\n\n  if (node[key]) {\n    if (type === \"leading\") {\n
node[key] = comments.concat(node[key]);\n    } else {\n      node[key] = node[key].concat(comments);\n    }\n  }
else {\n    node[key] = comments;\n  }\n\n  return node;\n}","\"use strict\";\n\nObject.defineProperty(exports,

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\__esModule\", {\n value: true\n});\nexports.default = inheritInnerComments;\n\nvar _inherit =
require(\"../utils/inherit\");\n\nfunction inheritInnerComments(child, parent) {\n (0,
_inherit.default)(\"innerComments\", child, parent);\n}, \"use strict\";\n\nObject.defineProperty(exports,
\__esModule\", {\n value: true\n});\nexports.default = inheritLeadingComments;\n\nvar _inherit =
require(\"../utils/inherit\");\n\nfunction inheritLeadingComments(child, parent) {\n (0,
_inherit.default)(\"leadingComments\", child, parent);\n}, \"use strict\";\n\nObject.defineProperty(exports,
\__esModule\", {\n value: true\n});\nexports.default = inheritsComments;\n\nvar _inheritTrailingComments =
require(\"../inheritTrailingComments\");\n\nvar _inheritLeadingComments =
require(\"../inheritLeadingComments\");\n\nvar _inheritInnerComments =
require(\"../inheritInnerComments\");\n\nfunction inheritsComments(child, parent) {\n (0,
_inheritTrailingComments.default)(child, parent);\n (0, _inheritLeadingComments.default)(child, parent);\n (0,
_inheritInnerComments.default)(child, parent);\n return child;\n}, \"use strict\";\n\nObject.defineProperty(exports,
\__esModule\", {\n value: true\n});\nexports.default = inheritTrailingComments;\n\nvar _inherit =
require(\"../utils/inherit\");\n\nfunction inheritTrailingComments(child, parent) {\n (0,
_inherit.default)(\"trailingComments\", child, parent);\n}, \"use strict\";\n\nObject.defineProperty(exports,
\__esModule\", {\n value: true\n});\nexports.default = toBlock;\n\nvar _generated =
require(\"../validators/generated\");\n\nvar _generated2 = require(\"../builders/generated\");\n\nfunction
toBlock(node, parent) {\n if ((0, _generated.isBlockStatement)(node)) {\n return node;\n }\n\n let blockNodes =
[];\n\n if ((0, _generated.isEmptyStatement)(node)) {\n blockNodes = [];\n } else {\n if (!(0,
_generated.isStatement)(node)) {\n if ((0, _generated.isFunction)(parent)) {\n node = (0,
_generated2.returnStatement)(node);\n } else {\n node = (0, _generated2.expressionStatement)(node);\n
}\n }\n\n blockNodes = [node];\n }\n\n return (0, _generated2.blockStatement)(blockNodes);\n}, \"use
strict\";\n\nObject.defineProperty(exports, \__esModule\", {\n value: true\n});\nexports.default =
toIdentifier;\n\nvar _isValidIdentifier = require(\"../validators/isValidIdentifier\");\n\nvar _helperValidatorIdentifier
= require(\"@babel/helper-validator-identifier\");\n\nfunction toIdentifier(input) {\n input = input + \"\";\n let name
= \"\";\n\n for (const c of input) {\n name += (0, _helperValidatorIdentifier.isIdentifierChar)(c.codePointAt(0)) ? c
: \"-\";\n }\n\n name = name.replace(/^[0-9]+/, \"\");\n name = name.replace(/[-\\s]+(\\.)?/g, function (match, c) {\n
return c ? c.toUpperCase() : \"\";\n });\n\n if (!(0, _isValidIdentifier.default)(name)) {\n name = `_${name}`;\n
}\n\n return name || \"_\";\n}, \"use strict\";\n\nObject.defineProperty(exports, \__esModule\", {\n value:
true\n});\nexports.default = removePropertiesDeep;\n\nvar _traverseFast =
require(\"../traverse/traverseFast\");\n\nvar _removeProperties = require(\"../removeProperties\");\n\nfunction
removePropertiesDeep(tree, opts) {\n (0, _traverseFast.default)(tree, _removeProperties.default, opts);\n return
tree;\n}, \"use strict\";\n\nObject.defineProperty(exports, \__esModule\", {\n value: true\n});\nexports.default =
traverseFast;\n\nvar _definitions = require(\"../definitions\");\n\nfunction traverseFast(node, enter, opts) {\n if
(!node) return;\n\n const keys = _definitions.VISITOR_KEYS[node.type];\n\n if (!keys) return;\n\n opts = opts || {};\n
enter(node, opts);\n\n for (const key of keys) {\n const subNode = node[key];\n\n if (Array.isArray(subNode))
{\n for (const node of subNode) {\n traverseFast(node, enter, opts);\n }\n } else {\n
traverseFast(subNode, enter, opts);\n }\n }\n}, \"use strict\";\n\nObject.defineProperty(exports, \__esModule\",
{\n value: true\n});\nexports.default = removeProperties;\n\nvar _constants = require(\"../constants\");\n\nconst
CLEAR_KEYS = [\"tokens\", \"start\", \"end\", \"loc\", \"raw\", \"rawValue\"];\n\nconst
CLEAR_KEYS_PLUS_COMMENTS =
_constants.COMMENT_KEYS.concat([\"comments\"]).concat(CLEAR_KEYS);\n\nfunction
removeProperties(node, opts = {}) {\n const map = opts.preserveComments ? CLEAR_KEYS :
CLEAR_KEYS_PLUS_COMMENTS;\n\n for (const key of map) {\n if (node[key] != null) node[key] =
undefined;\n }\n\n for (const key of Object.keys(node)) {\n if (key[0] === \"_\" && node[key] != null) node[key]
= undefined;\n }\n\n const symbols = Object.getOwnPropertySymbols(node);\n\n for (const sym of symbols) {\n
node[sym] = null;\n }\n}, \"use strict\";\n\nObject.defineProperty(exports, \__esModule\", {\n value:
true\n});\nexports.default = isLet;\n\nvar _generated = require(\"../generated\");\n\nvar _constants =

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require("../constants");
function isLet(node) {
  return (0, _generated.isVariableDeclaration)(node) &&
    (node.kind !== "var" || node[_constants.BLOCK_SCOPED_SYMBOL]);
}
/* - Mode: js; js-indent-level: 2; -
 * - */
 * Copyright 2011 Mozilla Foundation and contributors
 * Licensed under the New BSD license. See
 LICENSE or:
 * http://opensource.org/licenses/BSD-3-Clause
 *
 * var base64VLQ = require('./base64-
 vlq');
 * var util = require('./util');
 * var ArraySet = require('./array-set').ArraySet;
 * var MappingList =
 require('./mapping-list').MappingList;
 *
 * An instance of the SourceMapGenerator represents a source map
 which is
 * being built incrementally. You may pass an object with the following
 * properties:
 *
 * - file: The filename of the generated source.
 * - sourceRoot: A root for all relative URLs in this source map.
 *
 *
 * SourceMapGenerator(aArgs)
 *
 * if (!aArgs) {
   aArgs = {};
 }
 * this._file = util.getArg(aArgs, 'file', null);
 * this._sourceRoot = util.getArg(aArgs, 'sourceRoot', null);
 * this._skipValidation = util.getArg(aArgs,
 'skipValidation', false);
 * this._sources = new ArraySet();
 * this._names = new ArraySet();
 * this._mappings =
 new MappingList();
 * this._sourcesContents = null;
 *
 * SourceMapGenerator.prototype._version = 3;
 *
 *
 * Creates a new SourceMapGenerator based on a SourceMapConsumer
 *
 * @param aSourceMapConsumer The SourceMap.
 *
 * SourceMapGenerator.fromSourceMap =
 function
 SourceMapGenerator_fromSourceMap(aSourceMapConsumer) {
   var sourceRoot =
 aSourceMapConsumer.sourceRoot;
   var generator = new SourceMapGenerator({
     file:
 aSourceMapConsumer.file,
     sourceRoot: sourceRoot
   });
   aSourceMapConsumer.eachMapping(function
 (mapping) {
     var newMapping = {
       generated: {
         line: mapping.generatedLine,
         column:
 mapping.generatedColumn
       }
     };
     if (mapping.source !== null) {
       newMapping.source =
 mapping.source;
       if (sourceRoot !== null) {
         newMapping.source = util.relative(sourceRoot,
 newMapping.source);
       }
       newMapping.original = {
         line: mapping.originalLine,
         column:
 mapping.originalColumn
       };
       if (mapping.name !== null) {
         newMapping.name =
 mapping.name;
       }
     }
     generator.addMapping(newMapping);
   });
   aSourceMapConsumer.sources.forEach(function (sourceFile) {
     var content =
 aSourceMapConsumer.sourceContentFor(sourceFile);
     if (content !== null) {
       generator.setSourceContent(sourceFile, content);
     }
   });
   return generator;
 }
 *
 * Add a single mapping from original source line and column to the generated
 * source's line and column for this source map being created. The mapping
 * object should have the following properties:
 *
 * - generated: An object with the generated line and column positions.
 * - original: An object with the original line and column positions.
 * - source: The original source file (relative to the sourceRoot).
 * - name: An optional original token name for this mapping.
 *
 * SourceMapGenerator.prototype.addMapping =
 function
 SourceMapGenerator_addMapping(aArgs) {
   var generated = util.getArg(aArgs, 'generated');
   var original =
 util.getArg(aArgs, 'original', null);
   var source = util.getArg(aArgs, 'source', null);
   var name =
 util.getArg(aArgs, 'name', null);
   if (!this._skipValidation) {
     this._validateMapping(generated, original,
 source, name);
   }
   if (source !== null) {
     source = String(source);
     if (!this._sources.has(source)) {
       this._sources.add(source);
     }
   }
   if (name !== null) {
     name = String(name);
     if
 (!this._names.has(name)) {
       this._names.add(name);
     }
   }
   this._mappings.add({
     generatedLine: generated.line,
     generatedColumn: generated.column,
     originalLine: original !== null &&
 original.line,
     originalColumn: original !== null &&
 original.column,
     source: source,
     name: name
   });
 }
 *
 * Set the source content for a source file.
 *
 * SourceMapGenerator.prototype.setSourceContent =
 function
 SourceMapGenerator_setSourceContent(aSourceFile, aSourceContent) {
   var source =
 aSourceFile;
   if (this._sourceRoot !== null) {
     source = util.relative(this._sourceRoot, source);
   }
   if
 (aSourceContent !== null) {
     // Add the source content to the _sourcesContents map.
     // Create a new
 _sourcesContents map if the property is null.
     if (!this._sourcesContents) {
       this._sourcesContents =
 Object.create(null);
     }
     this._sourcesContents[util.toSetString(source)] =
 aSourceContent;
   } else if
 (this._sourcesContents) {
     // Remove the source file from the _sourcesContents map.
     // If the
 _sourcesContents map is empty, set the property to null.
     delete
 this._sourcesContents[util.toSetString(source)];
     if (Object.keys(this._sourcesContents).length === 0) {

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this._sourcesContents = null;\n    }\n    }\n };\n\n/**\n * Applies the mappings of a sub-source-map for a specific
source file to the\n * source map being generated. Each mapping to the supplied source file is\n * rewritten using the
supplied source map. Note: The resolution for the\n * resulting mappings is the minimum of this map and the
supplied map.\n *\n * @param aSourceMapConsumer The source map to be applied.\n * @param aSourceFile
Optional. The filename of the source file.\n *     If omitted, SourceMapConsumer's file property will be used.\n *
@param aSourceMapPath Optional. The dirname of the path to the source map\n *     to be applied. If relative, it is
relative to the SourceMapConsumer.\n *     This parameter is needed when the two source maps aren't in the
same\n *     directory, and the source map to be applied contains relative source\n *     paths. If so, those relative
source paths need to be rewritten\n *     relative to the SourceMapGenerator.\n
*/\n\nSourceMapGenerator.prototype.applySourceMap =\n function
SourceMapGenerator_applySourceMap(aSourceMapConsumer, aSourceFile, aSourceMapPath) {\n    var sourceFile
= aSourceFile;\n    // If aSourceFile is omitted, we will use the file property of the SourceMap\n    if (aSourceFile ==
null) {\n        if (aSourceMapConsumer.file == null) {\n            throw new Error(\n
'SourceMapGenerator.prototype.applySourceMap requires either an explicit source file, ' +\n            'or the source
map\\'s \\\"file\\\" property. Both were omitted.\n        );\n        }\n        sourceFile = aSourceMapConsumer.file;\n    }\n
    var sourceRoot = this._sourceRoot;\n    // Make \"sourceFile\" relative if an absolute Url is passed.\n    if
(sourceRoot != null) {\n        sourceFile = util.relative(sourceRoot, sourceFile);\n    }\n    // Applying the SourceMap
can add and remove items from the sources and\n    // the names array.\n    var newSources = new ArraySet();\n
    var newNames = new ArraySet();\n    // Find mappings for the \"sourceFile\"\n    this._mappings.unsortedForEach(function (mapping) {\n        if (mapping.source === sourceFile &&
mapping.originalLine != null) {\n            // Check if it can be mapped by the source map, then update the mapping.\n
            var original = aSourceMapConsumer.originalPositionFor({\n                line: mapping.originalLine,\n                column:
mapping.originalColumn\n            });\n            if (original.source != null) {\n                // Copy mapping\n
                mapping.source = original.source;\n                if (aSourceMapPath != null) {\n                    mapping.source =
util.join(aSourceMapPath, mapping.source)\n                }\n                if (sourceRoot != null) {\n                    mapping.source =
util.relative(sourceRoot, mapping.source);\n                }\n                mapping.originalLine = original.line;\n
                mapping.originalColumn = original.column;\n                if (original.name != null) {\n                    mapping.name =
original.name;\n                }\n            }\n            var source = mapping.source;\n            if (source != null &&
!newSources.has(source)) {\n                newSources.add(source);\n            }\n            var name = mapping.name;\n            if (name
!= null && !newNames.has(name)) {\n                newNames.add(name);\n            }\n        }, this);\n    this._sources =
newSources;\n    this._names = newNames;\n    // Copy sourcesContents of applied map.\n    aSourceMapConsumer.sources.forEach(function (sourceFile) {\n        var content =
aSourceMapConsumer.sourceContentFor(sourceFile);\n        if (content != null) {\n            if (aSourceMapPath != null)
{\n                sourceFile = util.join(aSourceMapPath, sourceFile);\n            }\n            if (sourceRoot != null) {\n
                sourceFile = util.relative(sourceRoot, sourceFile);\n            }\n            this.setSourceContent(sourceFile, content);\n
        }\n    }, this);\n};\n\n/**\n * A mapping can have one of the three levels of data:\n *\n * 1. Just the generated
position.\n *\n * 2. The Generated position, original position, and original source.\n *\n * 3. Generated and original
position, original source, as well as a name\n *     token.\n *\n * To maintain consistency, we validate that any new
mapping being added falls\n * in to one of these categories.\n */\n\nSourceMapGenerator.prototype._validateMapping
=\n function SourceMapGenerator_validateMapping(aGenerated, aOriginal, aSource,\n aName) {\n    // When aOriginal is truthy but has empty values for .line and .column,\n    // it is most likely a
programmer error. In this case we throw a very\n    // specific error message to try to guide them the right way.\n    //
For example: https://github.com/Polymer/polymer-bundler/pull/519\n    if (aOriginal && typeof aOriginal.line !==
'number' && typeof aOriginal.column !== 'number') {\n        throw new Error(\n            'original.line and
original.column are not numbers -- you probably meant to omit ' +\n            'the original mapping entirely and only
map the generated position. If so, pass ' +\n            'null for the original mapping instead of an object with empty or
null values.\n        );\n    }\n    if (aGenerated && 'line' in aGenerated && 'column' in aGenerated\n        &&
aGenerated.line > 0 && aGenerated.column >= 0\n        && !aOriginal && !aSource && !aName) {\n        // Case

```

```

1.\n  return;\n } \n else if (aGenerated && 'line' in aGenerated && 'column' in aGenerated\n      &&
aOriginal && 'line' in aOriginal && 'column' in aOriginal\n      && aGenerated.line > 0 && aGenerated.column
>= 0\n      && aOriginal.line > 0 && aOriginal.column >= 0\n      && aSource) {\n  // Cases 2 and 3.\n  return;\n } \n else {\n  throw new Error('Invalid mapping: ' + JSON.stringify({\n    generated: aGenerated,\n    source: aSource,\n    original: aOriginal,\n    name: aName\n  }));\n } \n };\n\n**\n * Serialize the
accumulated mappings in to the stream of base 64 VLQs\n * specified by the source map format.\n
*\nSourceMapGenerator.prototype._serializeMappings =\n function SourceMapGenerator_serializeMappings() {\n
var previousGeneratedColumn = 0;\n var previousGeneratedLine = 1;\n var previousOriginalColumn = 0;\n
var previousOriginalLine = 0;\n var previousName = 0;\n var previousSource = 0;\n var result = '';\n var
next;\n var mapping;\n var nameIdx;\n var sourceIdx;\n\n var mappings = this._mappings.toArray();\n for
(var i = 0, len = mappings.length; i < len; i++) {\n  mapping = mappings[i];\n  next = ''\n  if
(mapping.generatedLine !== previousGeneratedLine) {\n    previousGeneratedColumn = 0;\n    while
(mapping.generatedLine !== previousGeneratedLine) {\n      next += ';\n      previousGeneratedLine++;\n
}\n  }\n  else {\n    if (i > 0) {\n      if (!util.compareByGeneratedPositionsInflated(mapping, mappings[i -
1])) {\n        continue;\n      }\n      next += ';\n    }\n  }\n  next +=
base64VLQ.encode(mapping.generatedColumn\n                      - previousGeneratedColumn);\n
previousGeneratedColumn = mapping.generatedColumn;\n  if (mapping.source != null) {\n    sourceIdx =
this._sources.indexOf(mapping.source);\n    next += base64VLQ.encode(sourceIdx - previousSource);\n
previousSource = sourceIdx;\n  }\n  // lines are stored 0-based in SourceMap spec version 3\n  next +=
base64VLQ.encode(mapping.originalLine - 1\n                      - previousOriginalLine);\n
previousOriginalLine = mapping.originalLine - 1;\n  next += base64VLQ.encode(mapping.originalColumn\n
                      - previousOriginalColumn);\n  previousOriginalColumn = mapping.originalColumn;\n\n
if (mapping.name != null) {\n    nameIdx = this._names.indexOf(mapping.name);\n    next +=
base64VLQ.encode(nameIdx - previousName);\n    previousName = nameIdx;\n  }\n }\n\n result +=
next;\n }\n\n return result;\n };\n\nSourceMapGenerator.prototype._generateSourcesContent =\n function
SourceMapGenerator_generateSourcesContent(aSources, aSourceRoot) {\n  return aSources.map(function (source)
{\n    if (!this._sourcesContents) {\n      return null;\n    }\n    if (aSourceRoot != null) {\n      source =
util.relative(aSourceRoot, source);\n    }\n    var key = util.toSetString(source);\n    return
Object.prototype.hasOwnProperty.call(this._sourcesContents, key)\n      ? this._sourcesContents[key]\n      :
null;\n  }, this);\n };\n\n**\n * Externalize the source map.\n *\nSourceMapGenerator.prototype.toJSON =\n function SourceMapGenerator_toJSON() {\n  var map = {\n    version: this._version,\n    sources:
this._sources.toArray(),\n    names: this._names.toArray(),\n    mappings: this._serializeMappings()\n  };\n  if
(this._file != null) {\n    map.file = this._file;\n  }\n  if (this._sourceRoot != null) {\n    map.sourceRoot =
this._sourceRoot;\n  }\n  if (this._sourcesContents) {\n    map.sourcesContent =
this._generateSourcesContent(map.sources, map.sourceRoot);\n  }\n\n  return map;\n };\n\n**\n * Render the
source map being generated to a string.\n *\nSourceMapGenerator.prototype.toString =\n function
SourceMapGenerator_toString() {\n  return JSON.stringify(this.toJSON());\n };\n\nexports.SourceMapGenerator
= SourceMapGenerator;\n\n"/** -*- Mode: js; js-indent-level: 2; -*- */\n\n * Copyright 2011 Mozilla Foundation
and contributors\n * Licensed under the New BSD license. See LICENSE or:\n *
http://opensource.org/licenses/BSD-3-Clause\n * \n * Based on the Base 64 VLQ implementation in Closure
Compiler:\n * https://code.google.com/p/closure-
compiler/source/browse/trunk/src/com/google/debugging/sourcemap/Base64VLQ.java\n * \n * Copyright 2011 The
Closure Compiler Authors. All rights reserved.\n * Redistribution and use in source and binary forms, with or
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```

var base64 = require('./base64');
// A single base 64 digit can contain 6 bits of data. For the base 64 variable length quantities we use in the source map spec, the first bit is the sign, the next four bits are the actual value, and the 6th bit is the continuation bit. The continuation bit tells us whether there are more digits in this value following this digit.
Continuation | Sign | Value
V V 101011
var VLQ_BASE_SHIFT = 5; // binary: 10000
var VLQ_BASE = 1 << VLQ_BASE_SHIFT; // binary: 011111
var VLQ_BASE_MASK = VLQ_BASE - 1; // binary: 10000
var VLQ_CONTINUATION_BIT = VLQ_BASE;
// Converts from a two-complement value to a value where the sign bit is placed in the least significant bit. For example, as decimals: 1 becomes 2 (10 binary), -1 becomes 3 (11 binary) 2 becomes 4 (100 binary), -2 becomes 5 (101 binary)
function toVLQSigned(aValue) {
  return aValue < 0 ? ((-aValue) << 1) + 1 : (aValue << 1) + 0;
}
// Converts to a two-complement value from a value where the sign bit is placed in the least significant bit. For example, as decimals: 2 (10 binary) becomes 1, 3 (11 binary) becomes -1 4 (100 binary) becomes 2, 5 (101 binary) becomes -2
function fromVLQSigned(aValue) {
  var isNegative = (aValue & 1) === 1;
  var shifted = aValue >> 1;
  return isNegative ? -shifted : shifted;
}
// Returns the base 64 VLQ encoded value.
exports.encode = function base64VLQ_encode(aValue) {
  var encoded = "";
  var digit;
  var vlq = toVLQSigned(aValue);
  do {
    digit = vlq & VLQ_BASE_MASK;
    vlq >>>= VLQ_BASE_SHIFT;
    if (vlq > 0) {
      // There are still more digits in this value, so we must make sure the continuation bit is marked.
      digit |= VLQ_CONTINUATION_BIT;
    }
    encoded += base64.encode(digit);
  } while (vlq > 0);
  return encoded;
}
// Decodes the next base 64 VLQ value from the given string and returns the value and the rest of the string via the out parameter.
exports.decode = function base64VLQ_decode(aStr, aIndex, aOutParam) {
  var strLen = aStr.length;
  var result = 0;
  var shift = 0;
  var continuation, digit;
  do {
    if (aIndex >= strLen) {
      throw new Error("Expected more digits in base 64 VLQ value.");
    }
    digit = base64.decode(aStr.charCodeAt(aIndex++));
    if (digit === -1) {
      throw new Error("Invalid base64 digit: '" + aStr.charAt(aIndex - 1) + "'");
    }
    continuation = !(digit & VLQ_CONTINUATION_BIT);
    digit &= VLQ_BASE_MASK;
    result = result + (digit << shift);
    shift += VLQ_BASE_SHIFT;
  } while (continuation);
  aOutParam.value = fromVLQSigned(result);
  aOutParam.rest = aIndex;
};
/* -*- Mode: js; js-indent-level: 2; -*- */
// Copyright 2011 Mozilla Foundation and contributors
// Licensed under the New BSD license. See LICENSE or: http://opensource.org/licenses/BSD-3-Clause
var util = require('./util');
var has = Object.prototype.hasOwnProperty;
var hasNativeMap = typeof Map !== "undefined";
// A data structure which is a combination of an array and a set. Adding a new member is O(1), testing for membership is O(1), and finding the index of an element is O(1). Removing elements from the set is not supported. Only strings are supported for membership.
function ArraySet() {
  this._array = [];
  this._set = hasNativeMap ? new Map() : Object.create(null);
}
// Static method for creating ArraySet instances from an existing array.
ArraySet.fromArray = function ArraySet_fromArray(aArray, aAllowDuplicates) {
  var set = new ArraySet();
  for (var i = 0, len = aArray.length; i < len; i++) {
    set.add(aArray[i], aAllowDuplicates);
  }
  return set;
}
// Return how many unique items are in this ArraySet. If duplicates have been added, then those do not count towards the size.
@returns Number

```

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*/\nArraySet.prototype.size = function ArraySet_size() {\n  return hasNativeMap ? this._set.size :
Object.getOwnPropertyNames(this._set).length;\n};\n\n/**\n * Add the given string to this set.\n * \n * @param
String aStr\n */\nArraySet.prototype.add = function ArraySet_add(aStr, aAllowDuplicates) {\n  var sStr =
hasNativeMap ? aStr : util.toSetString(aStr);\n  var isDuplicate = hasNativeMap ? this.has(aStr) : has.call(this._set,
sStr);\n  var idx = this._array.length;\n  if (!isDuplicate || aAllowDuplicates) {\n    this._array.push(aStr);\n  }\n  if
(!isDuplicate) {\n    if (hasNativeMap) {\n      this._set.set(aStr, idx);\n    } else {\n      this._set[sStr] = idx;\n    }\n
}\n};\n\n/**\n * Is the given string a member of this set?\n * \n * @param String aStr\n */\nArraySet.prototype.has =
function ArraySet_has(aStr) {\n  if (hasNativeMap) {\n    return this._set.has(aStr);\n  } else {\n    var sStr =
util.toSetString(aStr);\n    return has.call(this._set, sStr);\n  }\n};\n\n/**\n * What is the index of the given string in
the array?\n * \n * @param String aStr\n */\nArraySet.prototype.indexOf = function ArraySet_indexOf(aStr) {\n  if
(hasNativeMap) {\n    var idx = this._set.get(aStr);\n    if (idx >= 0) {\n      return idx;\n    }\n  } else {\n    var sStr
= util.toSetString(aStr);\n    if (has.call(this._set, sStr)) {\n      return this._set[sStr];\n    }\n  }\n\n  throw new
Error("'" + aStr + "' is not in the set.");\n};\n\n/**\n * What is the element at the given index?\n * \n * @param
Number aIdx\n */\nArraySet.prototype.at = function ArraySet_at(aIdx) {\n  if (aIdx >= 0 && aIdx <
this._array.length) {\n    return this._array[aIdx];\n  }\n  throw new Error('No element indexed by ' +
aIdx);\n};\n\n/**\n * Returns the array representation of this set (which has the proper indices\n * indicated by
indexOf). Note that this is a copy of the internal array used\n * for storing the members so that no one can mess with
internal state.\n */\nArraySet.prototype.toArray = function ArraySet_toArray() {\n  return
this._array.slice();\n};\n\nexports.ArraySet = ArraySet;\n\n,""use strict";\n\nObject.defineProperty(exports,
"__esModule", {\n  value: true\n});\n\nexports.needsWhitespace =
needsWhitespace;\n\nexports.needsWhitespaceBefore = needsWhitespaceBefore;\n\nexports.needsWhitespaceAfter =
needsWhitespaceAfter;\n\nexports.needsParens = needsParens;\n\nvar whitespace =
_interopRequireWildcard(require("./whitespace")); \n\nvar parens =
_interopRequireWildcard(require("./parentheses")); \n\nvar t =
_interopRequireWildcard(require("@babel/types")); \n\nfunction _getRequireWildcardCache() { if (typeof
WeakMap !== "function") return null; var cache = new WeakMap(); _getRequireWildcardCache = function () {
return cache; }; return cache; } \n\nfunction _interopRequireDefault(obj) { if (obj && obj.__esModule) { return
obj; } if (obj === null || typeof obj !== "object" && typeof obj !== "function") { return { default: obj }; } var
cache = _getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var
hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; } \n\nfunction expandAliases(obj) {\n  const newObj = {};\n\n  function
add(type, func) {\n    const fn = newObj[type];\n    newObj[type] = fn ? function (node, parent, stack) {\n      const
result = fn(node, parent, stack);\n      return result == null ? func(node, parent, stack) : result;\n    } : func;\n  }\n\n  for (const type of Object.keys(obj)) {\n    const aliases = t.FLIPPED_ALIAS_KEYS[type];\n\n    if (aliases) {\n      for (const alias of aliases) {\n        add(alias, obj[type]);\n      }\n    } else {\n      add(type, obj[type]);\n    }\n  }\n\n  return newObj;\n}\n\nconst expandedParens = expandAliases(parens);\nconst expandedWhitespaceNodes =
expandAliases(whitespace.nodes);\nconst expandedWhitespaceList = expandAliases(whitespace.list);\n\nfunction
find(obj, node, parent, printStack) {\n  const fn = obj[node.type];\n  return fn ? fn(node, parent, printStack) :
null;\n}\n\nfunction isOrHasCallExpression(node) {\n  if (t.isCallExpression(node)) {\n    return true;\n  }\n\n  return t.isMemberExpression(node) && isOrHasCallExpression(node.object);\n}\n\nfunction
needsWhitespace(node, parent, type) {\n  if (!node) return 0;\n\n  if (t.isExpressionStatement(node)) {\n    node =
node.expression;\n  }\n\n  let linesInfo = find(expandedWhitespaceNodes, node, parent);\n\n  if (!linesInfo) {\n    const items = find(expandedWhitespaceList, node, parent);\n\n    if (items) {\n      for (let i = 0; i < items.length; i++) {\n        linesInfo = needsWhitespace(items[i], node, type);\n        if (linesInfo) break;\n      }\n    }\n\n    if (typeof
linesInfo === "object" && linesInfo !== null) {\n      return linesInfo[type] || 0;\n    }\n\n    return 0;\n  }\n\n  function

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needsWhitespaceBefore(node, parent) {\n return needsWhitespace(node, parent, \"before\");\n}\n\nfunction
needsWhitespaceAfter(node, parent) {\n return needsWhitespace(node, parent, \"after\");\n}\n\nfunction
needsParens(node, parent, printStack) {\n if (!parent) return false;\n\n if (t.isNewExpression(parent) &&
parent.callee === node) {\n if (isOrHasCallExpression(node)) return true;\n }\n\n return find(expandedParens,
node, parent, printStack);\n}
,\"\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\n\nexports.ImportSpecifier = ImportSpecifier;\n\nexports.ImportDefaultSpecifier =
ImportDefaultSpecifier;\n\nexports.ExportDefaultSpecifier = ExportDefaultSpecifier;\n\nexports.ExportSpecifier =
ExportSpecifier;\n\nexports.ExportNamespaceSpecifier = ExportNamespaceSpecifier;\n\nexports.ExportAllDeclaration
= ExportAllDeclaration;\n\nexports.ExportNamedDeclaration =
ExportNamedDeclaration;\n\nexports.ExportDefaultDeclaration =
ExportDefaultDeclaration;\n\nexports.ImportDeclaration = ImportDeclaration;\n\nexports.ImportAttribute =
ImportAttribute;\n\nexports.ImportNamespaceSpecifier = ImportNamespaceSpecifier;\n\n\nvar t =
_interopRequireWildcard(require(\"@babel/types\"));\n\nfunction _interopRequireWildcardCache() { if (typeof
WeakMap !== \"function\") return null; var cache = new WeakMap(); _interopRequireWildcardCache = function () {
return cache; }; return cache; }\n\nfunction _interopRequireWildcard(obj) { if (obj && obj.__esModule) { return
obj; } if (obj === null || typeof obj !== \"object\" && typeof obj !== \"function\") { return { default: obj }; } var
cache = _interopRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var
hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }\n\nfunction ImportSpecifier(node) {\n if (node.importKind === \"type\")
|| node.importKind === \"typeof\") {\n this.word(node.importKind);\n this.space();\n }\n\n this.print(node.imported, node);\n\n if (node.local && node.local.name !== node.imported.name) {\n
this.space();\n this.word(\"as\");\n this.space();\n this.print(node.local, node);\n }\n}\n\nfunction
ImportDefaultSpecifier(node) {\n this.print(node.local, node);\n}\n\nfunction ExportDefaultSpecifier(node) {\n
this.print(node.exported, node);\n}\n\nfunction ExportSpecifier(node) {\n this.print(node.local, node);\n\n if
(node.exported && node.local.name !== node.exported.name) {\n this.space();\n this.word(\"as\");\n
this.space();\n this.print(node.exported, node);\n }\n}\n\nfunction ExportNamespaceSpecifier(node) {\n
this.token(\"*\");\n this.space();\n this.word(\"as\");\n this.space();\n this.print(node.exported,
node);\n}\n\nfunction ExportAllDeclaration(node) {\n this.word(\"export\");\n this.space();\n\n if
(node.exportKind === \"type\") {\n this.word(\"type\");\n this.space();\n }\n\n this.token(\"*\");\n
this.space();\n this.word(\"from\");\n this.space();\n this.print(node.source, node);\n this.printAssertions(node);\n
this.semicolon();\n}\n\nfunction ExportNamedDeclaration(node) {\n if (this.format.decoratorsBeforeExport &&
t.isClassDeclaration(node.declaration)) {\n this.printJoin(node.declaration.decorators, node);\n }\n\n
this.word(\"export\");\n this.space();\n ExportDeclaration.apply(this, arguments);\n}\n\nfunction
ExportDefaultDeclaration(node) {\n if (this.format.decoratorsBeforeExport &&
t.isClassDeclaration(node.declaration)) {\n this.printJoin(node.declaration.decorators, node);\n }\n\n
this.word(\"export\");\n this.space();\n this.word(\"default\");\n this.space();\n ExportDeclaration.apply(this,
arguments);\n}\n\nfunction ExportDeclaration(node) {\n if (node.declaration) {\n const declar =
node.declaration;\n this.print(declar, node);\n if (!t.isStatement(declar)) this.semicolon();\n } else {\n if
(node.exportKind === \"type\") {\n this.word(\"type\");\n this.space();\n }\n\n const specifiers =
node.specifiers.slice(0);\n let hasSpecial = false;\n\n for (;) {\n const first = specifiers[0];\n\n if
(t.isExportDefaultSpecifier(first) || t.isExportNamespaceSpecifier(first)) {\n hasSpecial = true;\n
this.print(specifiers.shift(), node);\n\n if (specifiers.length) {\n this.token(\",\");\n this.space();\n
}\n } else {\n break;\n }\n }\n\n if (specifiers.length || !hasSpecial) {\n
this.token(\"{\");\n\n if (specifiers.length) {\n this.space();\n this.printList(specifiers, node);\n
this.space();\n }\n\n this.token(\"}\");\n }\n\n if (node.source) {\n this.space();\n

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this.word("\from");\n  this.space();\n  this.print(node.source, node);\n  this.printAssertions(node);\n  }\n\nthis.semicolon();\n }\n\nfunction ImportDeclaration(node) {\n  var _node$attributes;\n\n  this.word("\import");\n  this.space();\n\n  if (node.importKind === "type" || node.importKind === "typeof") {\n    this.word(node.importKind);\n    this.space();\n  }\n\n  const specifiers = node.specifiers.slice(0);\n\n  if (specifiers == null ? void 0 : specifiers.length) {\n    for (;) {\n      const first = specifiers[0];\n\n      if (t.isImportDefaultSpecifier(first) || t.isImportNamespaceSpecifier(first)) {\n        this.print(specifiers.shift(), node);\n\n        if (specifiers.length) {\n          this.token(",");\n          this.space();\n        }\n      } else {\n        break;\n      }\n    }\n\n    if (specifiers.length) {\n      this.token("{");\n      this.space();\n      this.printList(specifiers, node);\n      this.space();\n      this.token("}");\n      this.space();\n      this.word("\from");\n      this.space();\n    }\n\n    this.print(node.source, node);\n    this.printAssertions(node);\n\n    if ((_node$attributes = node.attributes) == null ? void 0 : _node$attributes.length) {\n      this.space();\n      this.word("\with");\n      this.space();\n      this.printList(node.attributes, node);\n    }\n\n    this.semicolon();\n  }\n\n  function ImportAttribute(node) {\n    this.print(node.key);\n    this.token(":");\n    this.space();\n    this.print(node.value);\n  }\n\n  function ImportNamespaceSpecifier(node) {\n    this.token(".*");\n    this.space();\n    this.word("\as");\n    this.space();\n    this.print(node.local, node);\n  }, "\use strict";\n\n  Object.defineProperty(exports, "__esModule", {\n    value: true\n});\n\n  exports.Identifier = Identifier;\n  exports.ArgumentPlaceholder = ArgumentPlaceholder;\n  exports.SpreadElement = exports.RestElement = RestElement;\n  exports.ObjectPattern = exports.ObjectExpression = ObjectExpression;\n  exports.ObjectMethod = ObjectMethod;\n  exports.ObjectProperty = ObjectProperty;\n  exports.ArrayPattern = exports.ArrayExpression = ArrayExpression;\n  exports.RecordExpression = RecordExpression;\n  exports.TupleExpression = TupleExpression;\n  exports.RegExpLiteral = RegExpLiteral;\n  exports.BooleanLiteral = BooleanLiteral;\n  exports.NullLiteral = NullLiteral;\n  exports.NumericLiteral = NumericLiteral;\n  exports.StringLiteral = StringLiteral;\n  exports.BigIntLiteral = BigIntLiteral;\n  exports.DecimalLiteral = DecimalLiteral;\n  exports.PipelineTopicExpression = PipelineTopicExpression;\n  exports.PipelineBareFunction = PipelineBareFunction;\n  exports.PipelinePrimaryTopicReference = PipelinePrimaryTopicReference;\n\n  var t = _interopRequireWildcard(require("@babel/types")); \n\n  var _jsesc = _interopRequireDefault(require("jsesc")); \n\n  function _interopRequireDefault(obj) { return obj && obj.__esModule ? obj : { default: obj }; } \n\n  function _getRequireWildcardCache() { if (typeof WeakMap !== "function") return null; var cache = new WeakMap(); _getRequireWildcardCache = function () { return cache; }; return cache; } \n\n  function _interopRequireWildcard(obj) { if (obj && obj.__esModule) { return obj; } if (obj === null || typeof obj !== "object" && typeof obj !== "function") { return { default: obj }; } var cache = _getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if (Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ? Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) { Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) { cache.set(obj, newObj); } return newObj; } \n\n  function Identifier(node) {\n    this.exactSource(node.loc, () => {\n      this.word(node.name);\n    });\n  }\n\n  function ArgumentPlaceholder() {\n    this.token("?");\n  }\n\n  function RestElement(node) {\n    this.token("...");\n    this.print(node.argument, node);\n  }\n\n  function ObjectExpression(node) {\n    const props = node.properties;\n    this.token("{");\n    this.printInnerComments(node);\n\n    if (props.length) {\n      this.space();\n      this.printList(props, node, {\n        indent: true,\n        statement: true\n      });\n      this.space();\n    }\n\n    this.token("}");\n  }\n\n  function ObjectMethod(node) {\n    this.printJoin(node.decorators, node);\n    this._methodHead(node);\n    this.space();\n    this.print(node.body, node);\n  }\n\n  function ObjectProperty(node) {\n    this.printJoin(node.decorators, node);\n\n    if (node.computed) {\n      this.token("[");\n      this.print(node.key, node);\n      this.token("]");\n    } else {\n      if (t.isAssignmentPattern(node.value) && t.isIdentifier(node.key) && node.key.name === node.value.left.name) {\n        this.print(node.value, node);\n        return;\n      }\n\n      this.print(node.key, node);\n      if (node.shorthand &&

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t.isIdentifier(node.key) && t.isIdentifier(node.value) && node.key.name === node.value.name) {\n  return;\n
}\n }\n\n this.token("\\:");\n this.space();\n this.print(node.value, node);\n}\n\nfunction ArrayExpression(node)
{\n  const elems = node.elements;\n  const len = elems.length;\n  this.token("[");\n
this.printInnerComments(node);\n\n for (let i = 0; i < elems.length; i++) {\n  const elem = elems[i];\n\n  if (elem)
{\n    if (i > 0) this.space();\n    this.print(elem, node);\n    if (i < len - 1) this.token(",");\n  } else {\n
this.token(",");\n  }\n }\n\n this.token("]");\n}\n\nfunction RecordExpression(node) {\n  const props =
node.properties;\n  let startToken;\n  let endToken;\n\n  if (this.format.recordAndTupleSyntaxType === "bar") {\n
startToken = "{";\n  endToken = "}";\n  } else if (this.format.recordAndTupleSyntaxType === "hash") {\n
startToken = "#{";\n  endToken = "}";\n  } else {\n    throw new Error(`The "recordAndTupleSyntaxType"
generator option must be "bar" or "hash" (${JSON.stringify(this.format.recordAndTupleSyntaxType)})
received.`);\n  }\n }\n\n this.token(startToken);\n this.printInnerComments(node);\n\n if (props.length) {\n
this.space();\n  this.printList(props, node, {\n    indent: true,\n    statement: true\n  });\n  this.space();\n }\n\n
this.token(endToken);\n}\n\nfunction TupleExpression(node) {\n  const elems = node.elements;\n  const len =
elems.length;\n  let startToken;\n  let endToken;\n\n  if (this.format.recordAndTupleSyntaxType === "bar") {\n
startToken = "[";\n  endToken = "]";\n  } else if (this.format.recordAndTupleSyntaxType === "hash") {\n
startToken = "#[";\n  endToken = "]";\n  } else {\n    throw new
Error(`${this.format.recordAndTupleSyntaxType} is not a valid recordAndTuple syntax type`);\n  }\n }\n\n
this.token(startToken);\n this.printInnerComments(node);\n\n for (let i = 0; i < elems.length; i++) {\n  const elem
= elems[i];\n\n  if (elem) {\n    if (i > 0) this.space();\n    this.print(elem, node);\n    if (i < len - 1)
this.token(",");\n  }\n }\n\n this.token(endToken);\n}\n\nfunction RegExpLiteral(node) {\n
this.word(`${node.pattern}/${node.flags}`);\n}\n\nfunction BooleanLiteral(node) {\n  this.word(node.value ?
"true" : "false");\n}\n\nfunction NullLiteral() {\n  this.word("null");\n}\n\nfunction NumericLiteral(node) {\n
const raw = this.getPossibleRaw(node);\n  const opts = this.format.jsescOption;\n  const value = node.value +
"";\n\n  if (opts.numbers) {\n    this.number((0, _jsesc.default)(node.value, opts));\n  } else if (raw === null) {\n
this.number(value);\n  } else if (this.format.minified) {\n    this.number(raw.length < value.length ? raw : value);\n  }
else {\n    this.number(raw);\n  }\n }\n\nfunction StringLiteral(node) {\n  const raw = this.getPossibleRaw(node);\n
if (!this.format.minified && raw !== null) {\n    this.token(raw);\n    return;\n  }\n\n  const opts =
this.format.jsescOption;\n\n  if (this.format.jsonCompatibleStrings) {\n    opts.json = true;\n  }\n\n  const val = (0,
_jsesc.default)(node.value, opts);\n  return this.token(val);\n}\n\nfunction BigIntLiteral(node) {\n  const raw =
this.getPossibleRaw(node);\n  if (!this.format.minified && raw !== null) {\n    this.token(raw);\n    return;\n  }\n\n
this.token(node.value + "n");\n}\n\nfunction DecimalLiteral(node) {\n  const raw = this.getPossibleRaw(node);\n  if
(!this.format.minified && raw !== null) {\n    this.token(raw);\n    return;\n  }\n\n  this.token(node.value +
"m");\n}\n\nfunction PipelineTopicExpression(node) {\n  this.print(node.expression, node);\n}\n\nfunction
PipelineBareFunction(node) {\n  this.print(node.callee, node);\n}\n\nfunction PipelinePrimaryTopicReference() {\n
this.token("#");\n}\n\n"use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value:
true\n});\n\nexports.codeFrameColumns = codeFrameColumns;\n\nexports.default = _default;\n\nvar _highlight =
_interopRequireWildcard(require("@babel/highlight")); \n\nfunction _getRequireWildcardCache() { if (typeof
WeakMap !== "function") return null; var cache = new WeakMap(); _getRequireWildcardCache = function () {
return cache; }; return cache; }\n\nfunction _interopRequireWildcard(obj) { if (obj && obj.__esModule) { return
obj; } if (obj === null || typeof obj !== "object" && typeof obj !== "function") { return { default: obj }; } var
cache = _getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var
hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }\n\nlet deprecationWarningShown = false;\n\nfunction getDefs(chalk)
{\n  return {\n    gutter: chalk.grey,\n    marker: chalk.red.bold,\n    message: chalk.red.bold\n  }; \n}\n\nconst
NEWLINE = /\r\n|[\n\r\u2028\u2029]/;\n\nfunction getMarkerLines(loc, source, opts) {\n  const startLoc =

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Object.assign({\n  column: 0,\n  line: -1\n }, loc.start);\n const endLoc = Object.assign({ }, startLoc, loc.end);\n
const {\n  linesAbove = 2,\n  linesBelow = 3\n } = opts || {};\n const startLine = startLoc.line;\n const
startColumn = startLoc.column;\n const endLine = endLoc.line;\n const endColumn = endLoc.column;\n let start =
Math.max(startLine - (linesAbove + 1), 0);\n let end = Math.min(source.length, endLine + linesBelow);\n\n if
(startLine === -1) {\n  start = 0;\n }\n\n if (endLine === -1) {\n  end = source.length;\n }\n\n const lineDiff =
endLine - startLine;\n const markerLines = {};\n\n if (lineDiff) {\n  for (let i = 0; i <= lineDiff; i++) {\n  const
lineNumber = i + startLine;\n\n  if (!startColumn) {\n    markerLines[lineNumber] = true;\n  } else if (i ===
0) {\n    const sourceLength = source[lineNumber - 1].length;\n    markerLines[lineNumber] = [startColumn,
sourceLength - startColumn + 1];\n  } else if (i === lineDiff) {\n    markerLines[lineNumber] = [0,
endColumn];\n  } else {\n    const sourceLength = source[lineNumber - i].length;\n
markerLines[lineNumber] = [0, sourceLength];\n  }\n }\n } else {\n  if (startColumn === endColumn) {\n
if (startColumn) {\n    markerLines[startLine] = [startColumn, 0];\n  } else {\n    markerLines[startLine] =
true;\n  }\n }\n } else {\n  markerLines[startLine] = [startColumn, endColumn - startColumn];\n }\n }\n\n
return {\n  start,\n  end,\n  markerLines\n };}\n\nfunction codeFrameColumns(rawLines, loc, opts = {}) {\n
const highlighted = (opts.highlightCode || opts.forceColor) && (0, _highlight.shouldHighlight)(opts);\n const chalk
= (0, _highlight.getChalk)(opts);\n const defs = getDefs(chalk);\n\n const maybeHighlight = (chalkFn, string) =>
{\n  return highlighted ? chalkFn(string) : string;\n };}\n\n const lines = rawLines.split(NEWLINE);\n const {\n
start,\n  end,\n  markerLines\n } = getMarkerLines(loc, lines, opts);\n const hasColumns = loc.start && typeof
loc.start.column === "number";\n const numberMaxWidth = String(end).length;\n const highlightedLines =
highlighted ? (0, _highlight.default)(rawLines, opts) : rawLines;\n let frame =
highlightedLines.split(NEWLINE).slice(start, end).map((line, index) => {\n  const number = start + 1 + index;\n
const paddedNumber = ` ${number}`.slice(-numberMaxWidth);\n  const gutter = ` ${paddedNumber} |`;\n  const
hasMarker = markerLines[number];\n  const lastMarkerLine = !markerLines[number + 1];\n\n  if (hasMarker) {\n
let markerLine = "";\n\n  if (Array.isArray(hasMarker)) {\n    const markerSpacing = line.slice(0,
Math.max(hasMarker[0] - 1, 0)).replace(/^[^\t]/g, " ");\n    const numberOfMarkers = hasMarker[1] || 1;\n
markerLine = [`${\n\n  `, maybeHighlight(defs.gutter, gutter.replace(/\\d/g, " ")), " ", markerSpacing,
maybeHighlight(defs.marker, "\\^").repeat(numberOfMarkers)].join("\\");\n\n    if (lastMarkerLine &&
opts.message) {\n      markerLine += " " + maybeHighlight(defs.message, opts.message);\n    }\n  }\n }\n\n
return [maybeHighlight(defs.marker, ">"), maybeHighlight(defs.gutter, gutter), line.length > 0 ? ` ${line}` : "",
markerLine].join("\\");\n } else {\n  return ` ${maybeHighlight(defs.gutter, gutter)}${line.length > 0 ? ` ${line}`
: ""}`;\n }\n }).join("\\n");\n\n if (opts.message && !hasColumns) {\n  frame = ` ${\n\n
\\`.repeat(numberMaxWidth + 1)}${opts.message}\\n${frame}`;\n }\n\n if (highlighted) {\n  return
chalk.reset(frame);\n } else {\n  return frame;\n }\n }\n\nfunction _default(rawLines, lineNumber, colNumber,
opts = {}) {\n  if (!deprecationWarningShown) {\n    deprecationWarningShown = true;\n    const message =
"Passing lineNumber and colNumber is deprecated to @babel/code-frame. Please use `codeFrameColumns`.";}\n
if (process.emitWarning) {\n  process.emitWarning(message, "DeprecationWarning");\n } else {\n  const
deprecationError = new Error(message);\n  deprecationError.name = "DeprecationWarning";\n
console.warn(new Error(message));\n }\n }\n\n colNumber = Math.max(colNumber, 0);\n const location = {\n
start: {\n  column: colNumber,\n  line: lineNumber\n }\n };}\n return codeFrameColumns(rawLines, location,
opts);\n}"/** MIT license */\nvar cssKeywords = require('color-name');\n\n// NOTE: conversions should only
return primitive values (i.e. arrays, or\n// values that give correct `typeof` results).\n// do not use box values
types (i.e. Number(), String(), etc.)\n\nvar reverseKeywords = {};\nfor (var key in cssKeywords) {\n\tif
(cssKeywords.hasOwnProperty(key)) {\n\t\treverseKeywords[cssKeywords[key]] = key;\n\t}\n}\n\nvar convert =
module.exports = {\n\ttrgb: { channels: 3, labels: 'rgb' },\n\tthsl: { channels: 3, labels: 'hsl' },\n\tthsv: { channels: 3, labels:
'hsv' },\n\tthwb: { channels: 3, labels: 'hwb' },\n\ttcmyk: { channels: 4, labels: 'cmyk' },\n\ttxyz: { channels: 3, labels:
'xyz' },\n\ttlab: { channels: 3, labels: 'lab' },\n\tlch: { channels: 3, labels: 'lch' },\n\tthex: { channels: 1, labels:
['hex' ] },\n\tkeyword: { channels: 1, labels: ['keyword' ] },\n\tansi16: { channels: 1, labels: ['ansi16' ] },\n\tansi256:
{ channels: 1, labels: ['ansi256' ] },\n\tthcg: { channels: 3, labels: ['h', 'c', 'g' ] },\n\tapple: { channels: 3, labels: ['r16',

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'g16', 'b16']},\n\tgray: {channels: 1, labels: ['gray']}\n};\n\n// hide .channels and .labels properties\nfor (var model in
convert) {\n\tif (convert.hasOwnProperty(model)) {\n\t\tif (!('channels' in convert[model])) {\n\t\t\tthrow new
Error('missing channels property: ' + model);\n\t\t}\n\t\tif (!('labels' in convert[model])) {\n\t\t\tthrow new
Error('missing channel labels property: ' + model);\n\t\t}\n\t\tif (convert[model].labels.length !==
convert[model].channels) {\n\t\t\tthrow new Error('channel and label counts mismatch: ' + model);\n\t\t}\n\t\tvar
channels = convert[model].channels;\n\t\tvar labels = convert[model].labels;\n\t\tdelete
convert[model].channels;\n\t\tdelete convert[model].labels;\n\t\tObject.defineProperty(convert[model], 'channels',
{value: channels});\n\t\tObject.defineProperty(convert[model], 'labels', {value: labels});\n\t\t}\n\t}\n\nconvert.rgb.hsl =
function (rgb) {\n\tvar r = rgb[0] / 255;\n\tvar g = rgb[1] / 255;\n\tvar b = rgb[2] / 255;\n\tvar min = Math.min(r, g,
b);\n\tvar max = Math.max(r, g, b);\n\tvar delta = max - min;\n\tvar h;\n\tvar s;\n\tvar l;\n\tif (max === min)
{\n\t\tth = 0;\n\t} else if (r === max) {\n\t\tth = (g - b) / delta;\n\t} else if (g === max) {\n\t\tth = 2 + (b - r) / delta;\n\t}
else if (b === max) {\n\t\tth = 4 + (r - g) / delta;\n\t}\n\tth = Math.min(th * 60, 360);\n\tif (h < 0) {\n\t\tth +=
360;\n\t}\n\tl = (min + max) / 2;\n\tif (max === min) {\n\t\tts = 0;\n\t} else if (l <= 0.5) {\n\t\tts = delta / (max +
min);\n\t} else {\n\t\tts = delta / (2 - max - min);\n\t}\n\treturn [h, s * 100, l * 100];\n};\n\nconvert.rgb.hsv =
function (rgb) {\n\tvar rdif;\n\tvar gdif;\n\tvar bdif;\n\tvar h;\n\tvar s;\n\tvar r = rgb[0] / 255;\n\tvar g = rgb[1] /
255;\n\tvar b = rgb[2] / 255;\n\tvar v = Math.max(r, g, b);\n\tvar diff = v - Math.min(r, g, b);\n\tvar diffc = function
(c) {\n\t\treturn (v - c) / 6 / diff + 1 / 2;\n\t};\n\tif (diff === 0) {\n\t\tth = s = 0;\n\t} else {\n\t\tts = diff / v;\n\t\ttrdif =
diffc(r);\n\t\ttgdif = diffc(g);\n\t\ttbdif = diffc(b);\n\t\tif (r === v) {\n\t\t\tth = bdif - gdif;\n\t\t} else if (g === v)
{\n\t\t\tth = (1 / 3) + rdif - bdif;\n\t\t} else if (b === v) {\n\t\t\tth = (2 / 3) + gdif - rdif;\n\t\t}\n\t\tif (h < 0) {\n\t\t\tth +=
1;\n\t\t} else if (h > 1) {\n\t\t\tth -= 1;\n\t\t}\n\t\treturn [th * 360, ts * 100, tv *
100];\n};\n\nconvert.rgb.hwb = function (rgb) {\n\tvar r = rgb[0];\n\tvar g = rgb[1];\n\tvar b = rgb[2];\n\tvar h =
convert.rgb.hsl(rgb)[0];\n\tvar w = 1 / 255 * Math.min(r, Math.min(g, b));\n\tvar t = 1 - 1 / 255 * Math.max(r,
Math.max(g, b));\n\treturn [h, w * 100, b * 100];\n};\n\nconvert.rgb.cmyk = function (rgb) {\n\tvar r = rgb[0] /
255;\n\tvar g = rgb[1] / 255;\n\tvar b = rgb[2] / 255;\n\tvar c;\n\tvar m;\n\tvar y;\n\tvar k;\n\tvar tk = Math.min(1 - r, 1 -
g, 1 - b);\n\tvar tc = (1 - r - k) / (1 - k) || 0;\n\tvar tm = (1 - g - k) / (1 - k) || 0;\n\tvar ty = (1 - b - k) / (1 - k) || 0;\n\treturn [c *
100, m * 100, y * 100, k * 100];\n};\n\n**\n * See
https://en.m.wikipedia.org/wiki/Euclidean_distance#Squared_Euclidean_distance\n * *\nfunction
comparativeDistance(x, y) {\n\treturn (\n\t\tMath.pow(x[0] - y[0], 2) +\n\t\tMath.pow(x[1] - y[1], 2)
+\n\t\tMath.pow(x[2] - y[2], 2)\n\t);\n}\n\nconvert.rgb.keyword = function (rgb) {\n\tvar reversed =
reverseKeywords[rgb];\n\tif (reversed) {\n\t\treturn reversed;\n\t}\n\tvar currentClosestDistance = Infinity;\n\tvar
currentClosestKeyword;\n\tfor (var keyword in cssKeywords) {\n\t\tif (cssKeywords.hasOwnProperty(keyword))
{\n\t\t\tvar value = cssKeywords[keyword];\n\t\t\t// Compute comparative distance\n\t\t\tvar distance =
comparativeDistance(rgb, value);\n\t\t\t// Check if its less, if so set as closest\n\t\t\tif (distance <
currentClosestDistance) {\n\t\t\t\tcurrentClosestDistance = distance;\n\t\t\t\tcurrentClosestKeyword =
keyword;\n\t\t\t}\n\t\t}\n\t}\n\treturn currentClosestKeyword;\n};\n\nconvert.keyword.rgb = function (keyword)
{\n\treturn cssKeywords[keyword];\n};\n\nconvert.rgb.xyz = function (rgb) {\n\tvar r = rgb[0] / 255;\n\tvar g =
rgb[1] / 255;\n\tvar b = rgb[2] / 255;\n\t// assume sRGB\n\tvar r = r > 0.04045 ? Math.pow(((r + 0.055) / 1.055), 2.4) :
(r / 12.92);\n\tvar g = g > 0.04045 ? Math.pow(((g + 0.055) / 1.055), 2.4) : (g / 12.92);\n\tvar b = b > 0.04045 ?
Math.pow(((b + 0.055) / 1.055), 2.4) : (b / 12.92);\n\tvar x = (r * 0.4124) + (g * 0.3576) + (b * 0.1805);\n\tvar y =
(r * 0.2126) + (g * 0.7152) + (b * 0.0722);\n\tvar z = (r * 0.0193) + (g * 0.1192) + (b * 0.9505);\n\treturn [x * 100,
y * 100, z * 100];\n};\n\nconvert.rgb.lab = function (rgb) {\n\tvar xyz = convert.rgb.xyz(rgb);\n\tvar x =
xyz[0];\n\tvar y = xyz[1];\n\tvar z = xyz[2];\n\tvar l;\n\tvar a;\n\tvar b;\n\tvar tx /= 95.047;\n\tvar ty /= 100;\n\tvar tz /=
108.883;\n\tvar tx = x > 0.008856 ? Math.pow(x, 1 / 3) : (7.787 * x) + (16 / 116);\n\tvar ty = y > 0.008856 ? Math.pow(y, 1
/ 3) : (7.787 * y) + (16 / 116);\n\tvar tz = z > 0.008856 ? Math.pow(z, 1 / 3) : (7.787 * z) + (16 / 116);\n\tvar tl = (116 * y) -
16;\n\tvar ta = 500 * (x - y);\n\tvar tb = 200 * (y - z);\n\treturn [l, a, b];\n};\n\nconvert.hsl.rgb = function (hsl) {\n\tvar h =
hsl[0] / 360;\n\tvar s = hsl[1] / 100;\n\tvar l = hsl[2] / 100;\n\tvar t1;\n\tvar t2;\n\tvar t3;\n\tvar rgb;\n\tvar val;\n\tif (s
=== 0) {\n\t\ttval = 1 * 255;\n\t\treturn [val, val, val];\n\t}\n\tif (l < 0.5) {\n\t\ttt2 = 1 * (1 + s);\n\t} else {\n\t\ttt2 =
1 + s - 1 * s;\n\t}\n\ttt1 = 2 * l - t2;\n\ttrgb = [0, 0, 0];\n\tfor (var i = 0; i < 3; i++) {\n\t\ttt3 = h + 1 / 3 * -(i -

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us.\nreturn convert.rgb.ansi16(convert.hsv.rgb(args), args[2]);\n\nconvert.rgb.ansi256 = function (args) {\n\tvar
r = args[0];\n\tvar g = args[1];\n\tvar b = args[2];\n\t\n\t// we use the extended greyscale palette here, with the
exception of\n\t// black and white. normal palette only has 4 greyscale shades.\n\tif (r === g && g === b) {\n\t\tif (r
< 8) {\n\t\t\treturn 16;\n\t\t}\n\t\tif (r > 248) {\n\t\t\treturn 231;\n\t\t}\n\t\treturn Math.round(((r - 8) / 247) * 24)
+ 232;\n\t}\n\t\n\tvar ansi = 16\n\t\t+ (36 * Math.round(r / 255 * 5))\n\t\t+ (6 * Math.round(g / 255 * 5))\n\t\t+
Math.round(b / 255 * 5);\n\t\n\treturn ansi;\n};\n\nconvert.ansi16.rgb = function (args) {\n\tvar color = args %
10;\n\t\n\t// handle greyscale\n\tif (color === 0 || color === 7) {\n\t\tif (args > 50) {\n\t\t\tcolor +=
3.5;\n\t\t}\n\t\tcolor = color / 10.5 * 255;\n\t\treturn [color, color, color];\n\t}\n\t\n\tvar mult = (~(args > 50) + 1)
* 0.5;\n\tvar r = ((color & 1) * mult) * 255;\n\tvar g = (((color >> 1) & 1) * mult) * 255;\n\tvar b = (((color >> 2) &
1) * mult) * 255;\n\t\n\treturn [r, g, b];\n};\n\nconvert.ansi256.rgb = function (args) {\n\t// handle greyscale\n\tif (args
>= 232) {\n\t\tvar c = (args - 232) * 10 + 8;\n\t\treturn [c, c, c];\n\t}\n\t\n\tvar r = 16;\n\tvar rem;\n\tvar r =
Math.floor(args / 36) / 5 * 255;\n\tvar g = Math.floor((rem = args % 36) / 6) / 5 * 255;\n\tvar b = (rem % 6) / 5 *
255;\n\t\n\treturn [r, g, b];\n};\n\nconvert.rgb.hex = function (args) {\n\tvar integer = ((Math.round(args[0]) & 0xFF)
<< 16)\n\t\t+ ((Math.round(args[1]) & 0xFF) << 8)\n\t\t+ (Math.round(args[2]) & 0xFF);\n\t\n\tvar string =
integer.toString(16).toUpperCase();\n\treturn '000000'.substring(string.length) + string;\n};\n\nconvert.hex.rgb =
function (args) {\n\tvar match = args.toString(16).match(/[a-f0-9]{6}[/[a-f0-9]{3}/i]);\n\tif (!match) {\n\t\treturn [0, 0,
0];\n\t}\n\t\n\tvar colorString = match[0];\n\t\n\tif (match[0].length === 3) {\n\t\tcolorString =
colorString.split('').map(function (char) {\n\t\t\treturn char + char;\n\t\t}).join('');\n\t}\n\t\n\tvar integer =
parseInt(colorString, 16);\n\tvar r = (integer >> 16) & 0xFF;\n\tvar g = (integer >> 8) & 0xFF;\n\tvar b = integer &
0xFF;\n\t\n\treturn [r, g, b];\n};\n\nconvert.rgb.hcg = function (rgb) {\n\tvar r = rgb[0] / 255;\n\tvar g = rgb[1] /
255;\n\tvar b = rgb[2] / 255;\n\tvar max = Math.max(Math.max(r, g), b);\n\tvar min = Math.min(Math.min(r, g),
b);\n\tvar chroma = (max - min);\n\tvar grayscale;\n\tvar hue;\n\t\n\tif (chroma < 1) {\n\t\tgrayscale = min / (1 -
chroma);\n\t}\n\telse {\n\t\tgrayscale = 0;\n\t}\n\t\n\tif (chroma <= 0) {\n\t\tthue = 0;\n\t}\n\telse\n\tif (max === r) {\n\t\tthue = ((g - b) / chroma) % 6;\n\t}\n\telse\n\tif (max === g) {\n\t\tthue = 2 + (b - r) / chroma;\n\t}\n\telse {\n\t\tthue = 4 + (r - g)
/ chroma + 4;\n\t}\n\t\n\tthue /= 6;\n\tthue %= 1;\n\t\n\treturn [hue * 360, chroma * 100, grayscale *
100];\n};\n\nconvert.hsl.hcg = function (hsl) {\n\tvar s = hsl[1] / 100;\n\tvar l = hsl[2] / 100;\n\tvar c = 1;\n\tvar f =
0;\n\t\n\tif (l < 0.5) {\n\t\ttc = 2.0 * s * l;\n\t}\n\telse {\n\t\ttc = 2.0 * s * (1.0 - l);\n\t}\n\t\n\tif (c < 1.0) {\n\t\ttf = (1 - 0.5 * c)
/ (1.0 - c);\n\t}\n\t\n\treturn [hsl[0], c * 100, f * 100];\n};\n\nconvert.hsv.hcg = function (hsv) {\n\tvar s = hsv[1] /
100;\n\tvar v = hsv[2] / 100;\n\t\n\tvar c = s * v;\n\tvar f = 0;\n\t\n\tif (c < 1.0) {\n\t\ttf = (v - c) / (1 - c);\n\t}\n\t\n\treturn
[hsv[0], c * 100, f * 100];\n};\n\nconvert.hcg.rgb = function (hcg) {\n\tvar h = hcg[0] / 360;\n\tvar c = hcg[1] /
100;\n\tvar g = hcg[2] / 100;\n\t\n\tif (c === 0.0) {\n\t\treturn [g * 255, g * 255, g * 255];\n\t}\n\t\n\tvar pure = [0, 0,
0];\n\tvar hi = (h % 1) * 6;\n\tvar v = hi % 1;\n\tvar w = 1 - v;\n\tvar mg = 0;\n\t\n\tswitch (Math.floor(hi)) {\n\t\tcase 0:\n\t\t\tpure[0] = 1; pure[1] = v; pure[2] = 0; break;\n\t\tcase 1:\n\t\t\tpure[0] = w; pure[1] = 1; pure[2] = 0;
break;\n\t\tcase 2:\n\t\t\tpure[0] = 0; pure[1] = 1; pure[2] = v; break;\n\t\tcase 3:\n\t\t\tpure[0] = 0; pure[1] = w;
pure[2] = 1; break;\n\t\tcase 4:\n\t\t\tpure[0] = v; pure[1] = 0; pure[2] = 1; break;\n\t\tdefault:\n\t\t\tpure[0] = 1;
pure[1] = 0; pure[2] = w;\n\t}\n\t\n\tvar tmg = (1.0 - c) * g;\n\t\n\treturn [(c * pure[0] + mg) * 255, (c * pure[1] +
mg) * 255, (c * pure[2] + mg) * 255];\n};\n\nconvert.hcg.hsv = function (hcg) {\n\tvar c = hcg[1] /
100;\n\tvar g = hcg[2] / 100;\n\tvar v = c + g * (1.0 - c);\n\tvar f = 0;\n\t\n\tif (v > 0.0) {\n\t\ttf = c /
v;\n\t}\n\t\n\treturn [hcg[0], f * 100, v * 100];\n};\n\nconvert.hcg.hsl = function (hcg) {\n\tvar c = hcg[1] / 100;\n\tvar
g = hcg[2] / 100;\n\tvar l = g * (1.0 - c) + 0.5 * c;\n\tvar s = 0;\n\t\n\tif (l > 0.0 && l < 0.5) {\n\t\tts = c / (2 * l);\n\t}\n\telse\n\tif (l >= 0.5 && l < 1.0) {\n\t\tts = c / (2 * (1 - l));\n\t}\n\t\n\treturn [hcg[0], s * 100, l *
100];\n};\n\nconvert.hcg.hwb = function (hcg) {\n\tvar c = hcg[1] / 100;\n\tvar g = hcg[2] / 100;\n\tvar v = c + g *
(1.0 - c);\n\t\n\treturn [hcg[0], (v - c) * 100, (1 - v) * 100];\n};\n\nconvert.hwb.hcg = function (hwb) {\n\tvar w =
hwb[1] / 100;\n\tvar b = hwb[2] / 100;\n\tvar v = 1 - b;\n\tvar c = v - w;\n\tvar g = 0;\n\t\n\tif (c < 1) {\n\t\ttg = (v - c) /
(1 - c);\n\t}\n\t\n\treturn [hwb[0], c * 100, g * 100];\n};\n\nconvert.apple.rgb = function (apple) {\n\treturn [(apple[0]
/ 65535) * 255, (apple[1] / 65535) * 255, (apple[2] / 65535) * 255];\n};\n\nconvert.rgb.apple = function (rgb) {\n\treturn [(rgb[0] / 255) * 65535, (rgb[1] / 255) * 65535, (rgb[2] / 255) * 65535];\n};\n\nconvert.gray.rgb =
function (args) {\n\treturn [args[0] / 100 * 255, args[0] / 100 * 255, args[0] / 100 * 255];\n};\n\nconvert.gray.hsl =

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convert.gray.hsv = function (args) {\n\treturn [0, 0, args[0]];};\n\nconvert.gray.hwb = function (gray) {\n\treturn
[0, 100, gray[0]];};\n\nconvert.gray.cmyk = function (gray) {\n\treturn [0, 0, 0, gray[0]];};\n\nconvert.gray.lab =
function (gray) {\n\treturn [gray[0], 0, 0];};\n\nconvert.gray.hex = function (gray) {\n\tvar val =
Math.round(gray[0] / 100 * 255) & 0xFF;\n\tvar integer = (val << 16) + (val << 8) + val;\n\tvar string =
integer.toString(16).toUpperCase();\n\treturn '000000'.substring(string.length) + string;};\n\nconvert.rgb.gray =
function (rgb) {\n\tvar val = (rgb[0] + rgb[1] + rgb[2]) / 3;\n\treturn [val / 255 * 100];};\n\n"use
strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default =
parseAndBuildMetadata;\n\nvar t = _interopRequireWildcard(require(\"@babel/types\"));\n\nvar _parser =
require(\"@babel/parser\");\n\nvar _codeFrame = require(\"@babel/code-frame\");\n\nfunction
_getRequireWildcardCache() { if (typeof WeakMap !== \"function\") return null; var cache = new WeakMap();
_getRequireWildcardCache = function () { return cache; }; return cache; }\n\nfunction
_interopRequireWildcard(obj) { if (obj && obj.__esModule) { return obj; } if (obj === null || typeof obj !==
\"object\" && typeof obj !== \"function\") { return { default: obj }; } var cache = _getRequireWildcardCache(); if
(cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var hasPropertyDescriptor =
Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }\n\nconst PATTERN = /^[_$A-Z0-9]+$/;\n\nfunction
parseAndBuildMetadata(formatter, code, opts) {\n  const {\n    placeholderWhitelist,\n    placeholderPattern,\n    preserveComments,\n    syntacticPlaceholders\n  } = opts;\n  const ast = parseWithCodeFrame(code, opts.parser,
syntacticPlaceholders);\n  t.removePropertiesDeep(ast, {\n    preserveComments\n  });\n  formatter.validate(ast);\n  const syntactic = {\n    placeholders: [],\n    placeholderNames: new Set()\n  }; \n  const legacy = {\n    placeholders:
[],\n    placeholderNames: new Set()\n  }; \n  const isLegacyRef = {\n    value: undefined\n  }; \n  t.traverse(ast,
placeholderVisitorHandler, {\n    syntactic,\n    legacy,\n    isLegacyRef,\n    placeholderWhitelist,\n    placeholderPattern,\n    syntacticPlaceholders\n  });\n  return Object.assign({\n    ast\n  }, isLegacyRef.value ?
legacy : syntactic);\n\n  function placeholderVisitorHandler(node, ancestors, state) {\n    var
_state$placeholderWhi;\n\n    let name;\n\n    if (t.isPlaceholder(node)) {\n      if (state.syntacticPlaceholders === false)
{\n        throw new Error(\"%%foo%%-style placeholders can't be used when '\" + \"'.syntacticPlaceholders' is
false.\");\n      } else {\n        name = node.name.name;\n        state.isLegacyRef.value = false;\n      }\n    } else if
(state.isLegacyRef.value === false || state.syntacticPlaceholders) {\n      return;\n    } else if (t.isIdentifier(node) ||
t.isJSXIdentifier(node)) {\n      name = node.name;\n      state.isLegacyRef.value = true;\n    } else if
(t.isStringLiteral(node)) {\n      name = node.value;\n      state.isLegacyRef.value = true;\n    } else {\n      return;\n    }\n\n    if (!state.isLegacyRef.value && (state.placeholderPattern !== null || state.placeholderWhitelist !== null)) {\n      throw
new Error(\"'.placeholderWhitelist' and '.placeholderPattern' aren't compatible\" + \" with '.syntacticPlaceholders:
true'\");\n    }\n\n    if (state.isLegacyRef.value && (state.placeholderPattern === false || !(state.placeholderPattern ||
PATTERN).test(name)) && !((_state$placeholderWhi = state.placeholderWhitelist) === null ? void 0 :
_state$placeholderWhi.has(name))) {\n      return;\n    }\n\n    ancestors = ancestors.slice();\n    const {\n      node: parent,\n      key\n    } = ancestors[ancestors.length - 1];\n    let type;\n\n    if (t.isStringLiteral(node) || t.isPlaceholder(node, {\n      expectedNode: \"StringLiteral\"\n    })) {\n      type = \"string\";\n    } else if (t.isNewExpression(parent) && key ===
\"arguments\" || t.isCallExpression(parent) && key === \"arguments\" || t.isFunction(parent) && key ===
\"params\") {\n      type = \"param\";\n    } else if (t.isExpressionStatement(parent) && !t.isPlaceholder(node)) {\n      type = \"statement\";\n      ancestors = ancestors.slice(0, -1);\n    } else if (t.isStatement(node) &&
t.isPlaceholder(node)) {\n      type = \"statement\";\n    } else {\n      type = \"other\";\n    }\n\n    const {\n      placeholders,\n      placeholderNames\n    } = state.isLegacyRef.value ? state.legacy : state.syntactic;\n    placeholders.push({\n      name,\n      type,\n      resolve: ast => resolveAncestors(ast, ancestors),\n      isDuplicate: placeholderNames.has(name)\n    });\n    placeholderNames.add(name);\n\n    function resolveAncestors(ast, ancestors) {\n      let parent = ast;\n\n      for
(let i = 0; i < ancestors.length - 1; i++) {\n        const {\n          key,\n          index\n        } = ancestors[i];\n\n        if (index ===

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undefined) {\n  parent = parent[key];\n } else {\n  parent = parent[key][index];\n }\n }\n\n const {\n key,\n index\n } = ancestors[ancestors.length - 1];\n return {\n  parent,\n  key,\n  index\n };\n }\n\nfunction\n parseWithCodeFrame(code, parserOpts, syntacticPlaceholders) {\n  const plugins = (parserOpts.plugins ||\n  []).slice();\n\n  if (syntacticPlaceholders !== false) {\n    plugins.push(\"placeholders\");\n  }\n\n  parserOpts =\n  Object.assign({\n    allowReturnOutsideFunction: true,\n    allowSuperOutsideMethod: true,\n    sourceType:\n    \"module\"\n  }, parserOpts, {\n    plugins\n  });\n\n  try {\n    return (0, _parser.parse)(code, parserOpts);\n  } catch\n  (err) {\n    const loc = err.loc;\n\n    if (loc) {\n      err.message += \"\\n\" + (0,\n      _codeFrame.codeFrameColumns)(code, {\n        start: loc\n      });\n      err.code =\n      \"BABEL_TEMPLATE_PARSE_ERROR\";\n    }\n\n    throw err;\n  }\n}\n\n\"use\nstrict\";\n\nObject.defineProperty(exports, \"_esModule\", {\n  value: true\n});\n\nexports.default =\n populatePlaceholders;\n\nvar t = _interopRequireWildcard(require(\"@babel/types\"));\n\nfunction\n _getRequireWildcardCache() {\n  if (typeof WeakMap !== \"function\") return null;\n  var cache = new WeakMap();\n  _getRequireWildcardCache = function () {\n    return cache;\n  }; return cache;\n}\n\nfunction\n _interopRequireWildcard(obj) {\n  if (obj && obj.__esModule) {\n    return obj;\n  } if (obj === null || typeof obj !==\n  \"object\" && typeof obj !== \"function\") {\n    return { default: obj }; }\n  var cache = _getRequireWildcardCache();\n  if (cache && cache.has(obj)) {\n    return cache.get(obj);\n  } var newObj = {};\n  var hasPropertyDescriptor =\n  Object.defineProperty && Object.getOwnPropertyDescriptor;\n  for (var key in obj) {\n    if (Object.prototype.hasOwnProperty.call(obj, key)) {\n      var desc = hasPropertyDescriptor ?\n      Object.getOwnPropertyDescriptor(obj, key) : null;\n      if (desc && (desc.get || desc.set)) {\n        Object.defineProperty(newObj, key, desc);\n      } else {\n        newObj[key] = obj[key];\n      } }\n    newObj.default = obj;\n    if (cache) {\n      cache.set(obj, newObj);\n    }\n  }\n  return newObj;\n}\n\nfunction\n populatePlaceholders(metadata, replacements) {\n  const ast =\n  t.cloneNode(metadata.ast);\n\n  if (replacements) {\n    metadata.placeholders.forEach(placeholder => {\n      if (!Object.prototype.hasOwnProperty.call(replacements, placeholder.name)) {\n        const placeholderName =\n        placeholder.name;\n        throw new Error(`Error: No substitution given for \"${placeholderName}\". If this is not\n        meant to be a\n        placeholder you may want to consider passing one of the following options to\n        @babel/template:\n\n        - { placeholderPattern: false, placeholderWhitelist: new Set(['${placeholderName}']) }\n        - { placeholderPattern: /^${placeholderName}$/ }`);\n      }\n    });\n\n    Object.keys(replacements).forEach(key => {\n      if (!metadata.placeholderNames.has(key)) {\n        throw new Error(`Unknown substitution \"${key}\" given`);\n      }\n    });\n\n    metadata.placeholders.slice().reverse().forEach(placeholder => {\n      try {\n        applyReplacement(placeholder, ast, replacements && replacements[placeholder.name] || null);\n      } catch (e) {\n        e.message = `@babel/template placeholder \"${placeholder.name}\": ${e.message}`;\n        throw e;\n      }\n    });\n\n    return ast;\n  }\n\n  function\n  applyReplacement(placeholder, ast, replacement) {\n    if (placeholder.isDuplicate) {\n      if (Array.isArray(replacement)) {\n        replacement = replacement.map(node => t.cloneNode(node));\n      } else if (typeof replacement === \"object\") {\n        replacement = t.cloneNode(replacement);\n      }\n\n      const {\n        parent,\n        key,\n        index\n      } = placeholder.resolve(ast);\n\n      if (placeholder.type === \"string\") {\n        if (typeof replacement === \"string\") {\n          replacement = t.stringLiteral(replacement);\n        }\n\n        if (!replacement ||\n        !t.isStringLiteral(replacement)) {\n          throw new Error(\"Expected string substitution\");\n        }\n      } else if (placeholder.type === \"statement\") {\n        if (index === undefined) {\n          if (!replacement) {\n            replacement =\n            t.emptyStatement();\n          } else if (Array.isArray(replacement)) {\n            replacement =\n            t.blockStatement(replacement);\n          } else if (typeof replacement === \"string\") {\n            replacement =\n            t.expressionStatement(t.identifier(replacement));\n          } else if (!t.isStatement(replacement)) {\n            replacement =\n            t.expressionStatement(replacement);\n          }\n        } else {\n          if (replacement && !Array.isArray(replacement)) {\n            if (typeof replacement === \"string\") {\n              replacement = t.identifier(replacement);\n            }\n\n            if (!t.isStatement(replacement)) {\n              replacement = t.expressionStatement(replacement);\n            }\n          }\n        }\n      } else if (placeholder.type === \"param\") {\n        if (typeof replacement === \"string\") {\n          replacement =\n          t.identifier(replacement);\n        }\n\n        if (index === undefined) {\n          throw new Error(\"Assertion failure.\");\n        }\n      } else {\n        if (typeof replacement === \"string\") {\n          replacement = t.identifier(replacement);\n        }\n\n        if (Array.isArray(replacement)) {\n          throw new Error(\"Cannot replace single expression with an array.\");\n        }\n      }\n    }\n  }\n}

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}\n\n if (index === undefined) {\n  t.validate(parent, key, replacement);\n  parent[key] = replacement;\n } else
{\n  const items = parent[key].slice();\n\n  if (placeholder.type === \"statement\" || placeholder.type ===
\"param\") {\n    if (replacement == null) {\n      items.splice(index, 1);\n    } else if (Array.isArray(replacement))
{\n      items.splice(index, 1, ...replacement);\n    } else {\n      items[index] = replacement;\n    }\n  } else {\n
items[index] = replacement;\n  }\n\n  t.validate(parent, key, items);\n  parent[key] = items;\n
}\n}","(function(root, factory) {\n  'use strict';\n  // Universal Module Definition (UMD) to support AMD,
CommonJS/Node.js, Rhino, and browsers.\n\n  /* istanbul ignore next */\n  if (typeof define === 'function' &&
define.amd) {\n    define('error-stack-parser', ['stackframe'], factory);\n  } else if (typeof exports === 'object') {\n
module.exports = factory(require('stackframe'));\n  } else {\n    root.ErrorStackParser =
factory(root.StackFrame);\n  }\n})(this, function ErrorStackParser(StackFrame) {\n  'use strict';\n\n  var
FIREFOX_SAFARI_STACK_REGEXP = /^(@)\S+:\d+;/\n  var CHROME_IE_STACK_REGEXP = /^s*at
.*(\S+:\d+(\(native\))/m;\n  var SAFARI_NATIVE_CODE_REGEXP = /^(eval@)?(\[native code])?$/;\n\n  return {\n    /**\n     * Given an Error object, extract the most information from it.\n     * @param
{Error} error object\n     * @return {Array} of StackFrames\n     */\n    parse: function
ErrorStackParser$$parse(error) {\n      if (typeof error.stacktrace !== 'undefined' || typeof error['opera#sourceloc']
!== 'undefined') {\n        return this.parseOpera(error);\n      } else if (error.stack &&
error.stack.match(CHROME_IE_STACK_REGEXP)) {\n        return this.parseV8OrIE(error);\n      } else
if (error.stack) {\n        return this.parseFFOrSafari(error);\n      } else {\n        throw new Error('Cannot
parse given Error object');\n      }\n    },\n\n    // Separate line and column numbers from a string of the
form: (URI:Line:Column)\n    extractLocation: function ErrorStackParser$$extractLocation(urlLike) {\n      //
Fail-fast but return locations like \"(native)\"\n      if (urlLike.indexOf(':') === -1) {\n        return [urlLike];\n
      }\n\n      var regExp = /(.(+)?(?:((\d+))?:((\d+))?)$/;\n      var parts =
regExp.exec(urlLike.replace(/[/]/g, ''));\n      return [parts[1], parts[2] || undefined, parts[3] || undefined];\n
    },\n\n    parseV8OrIE: function ErrorStackParser$$parseV8OrIE(error) {\n      var filtered =
error.stack.split('\\n').filter(function(line) {\n        return !!line.match(CHROME_IE_STACK_REGEXP);\n
      }, this);\n      return filtered.map(function(line) {\n        if (line.indexOf('(eval ') > -1) {\n          //
Throw away eval information until we implement stacktrace.js/stackframe#8\n          line = line.replace(/eval
code/g, 'eval').replace(/((eval at [^()]*)(\(\),.*$)/g, '');\n          var sanitizedLine =
line.replace(/^\s+/, '').replace(/\(eval code/g, '(');\n          // capture and preseve the parenthesized location
\"(/foo/my bar.js:12:87)\" in\n          // case it has spaces in it, as the string is split on \s+ later on\n          var
location = sanitizedLine.match(/ (\(((.+):(\d+):(\d+)\)\$)/);\n          // remove the parenthesized location from
the line, if it was matched\n          sanitizedLine = location ? sanitizedLine.replace(location[0], '') :
sanitizedLine;\n          var tokens = sanitizedLine.split(/\s+/).slice(1);\n          // if a location was matched,
pass it to extractLocation() otherwise pop the last token\n          var locationParts = this.extractLocation(location
? location[1] : tokens.pop());\n          var functionName = tokens.join(' ') || undefined;\n          var fileName =
['eval', '<anonymous>'].indexOf(locationParts[0]) > -1 ? undefined : locationParts[0];\n          return new
StackFrame({\n            functionName: functionName,\n            fileName: fileName,\n
            lineNumber: locationParts[1],\n            columnNumber: locationParts[2],\n            source: line\n
          });\n        }, this);\n      },\n\n      parseFFOrSafari: function ErrorStackParser$$parseFFOrSafari(error) {\n
var filtered = error.stack.split('\\n').filter(function(line) {\n        return
!!line.match(SAFARI_NATIVE_CODE_REGEXP);\n      }, this);\n\n      return filtered.map(function(line)
{\n        // Throw away eval information until we implement stacktrace.js/stackframe#8\n        if
(line.indexOf(' > eval') > -1) {\n          line = line.replace(/ line ((\d+)(?: > eval line \d+)* > eval:\d+:\d+/g,
'$1');\n        }\n\n        if (line.indexOf('@') === -1 && line.indexOf(':') === -1) {\n          // Safari
eval frames only have function names and nothing else\n          return new StackFrame({\n            functionName: line\n
          });\n        } else {\n          var functionNameRegex =
/((.*\."+\"[^\"]*)?([^\"]*)?(?:@)/;\n          var matches = line.match(functionNameRegex);\n          var
functionName = matches && matches[1] ? matches[1] : undefined;\n          var locationParts =

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this.extractLocation(line.replace(functionNameRegex, ""));\n\n        return new StackFrame({\n
functionName: functionName,\n                fileName: locationParts[0],\n                lineNumber:\n
locationParts[1],\n                columnNumber: locationParts[2],\n                source: line\n                });\n
    }\n    }, this);\n    },\n\n    parseOpera: function ErrorStackParser$$parseOpera(e) {\n        if
(!e.stacktrace || (e.message.indexOf('\n') > -1 &&\n                e.message.split('\n').length >
e.stacktrace.split('\n').length)) {\n                return this.parseOpera9(e);\n        } else if (!e.stack) {\n
return this.parseOpera10(e);\n        } else {\n                return this.parseOpera11(e);\n        }\n    },\n\n    parseOpera9: function ErrorStackParser$$parseOpera9(e) {\n        var lineRE = /Line (\\d+).*script (?in
)?(\\S+)/i;\n        var lines = e.message.split('\n');\n        var result = [];\n        for (var i = 2, len =
lines.length; i < len; i += 2) {\n                var match = lineRE.exec(lines[i]);\n                if (match) {\n
result.push(new StackFrame({\n                        fileName: match[2],\n                        lineNumber: match[1],\n
                        source: lines[i]\n                }));\n        }\n    }\n\n    return result;\n    },\n\n    parseOpera10: function ErrorStackParser$$parseOpera10(e) {\n        var lineRE = /Line (\\d+).*script (?in
)?(\\S+)(?: In function (\\S+))?$$/i;\n        var lines = e.stacktrace.split('\n');\n        var result = [];\n        for
(var i = 0, len = lines.length; i < len; i += 2) {\n                var match = lineRE.exec(lines[i]);\n                if (match)
{\n                result.push(\n                new StackFrame({\n                        functionName: match[3] ||
undefined,\n                        fileName: match[2],\n                        lineNumber: match[1],\n
                        source: lines[i]\n                }));\n        }\n    }\n\n    return result;\n    },\n\n    //
Opera 10.65+ Error.stack very similar to FF/Safari\n    parseOpera11: function
ErrorStackParser$$parseOpera11(error) {\n        var filtered = error.stack.split('\n').filter(function(line) {\n
return !!line.match(FIREFOX_SAFARI_STACK_REGEXP) && !line.match(/^Error created at/);\n        },
this);\n        return filtered.map(function(line) {\n                var tokens = line.split('@');\n                var
locationParts = this.extractLocation(tokens.pop());\n                var functionCall = (tokens.shift() || '');\n                var
functionName = functionCall\n                .replace(/<anonymous function: (\\w+)?>/, '$2')\n
                .replace(/^(\\[[^]]*\\])/g, '') || undefined;\n                var argsRaw;\n                if (functionCall.match(/^(\\[[^]]*\\)/)) {\n
argsRaw = functionCall.replace(/^^(\\[[^]]*\\)/, '$1');\n                }\n                var args = (argsRaw
=== undefined || argsRaw === '[arguments not available]') ?\n                undefined : argsRaw.split(',');\n\n
return new StackFrame({\n                functionName: functionName,\n                args: args,\n
                fileName: locationParts[0],\n                lineNumber: locationParts[1],\n                columnNumber:\n
locationParts[2],\n                source: line\n                });\n        }, this);\n    }\n    });\n\n    ""use
strict\nmodule.exports = Yallist\n\nYallist.Node = Node\nYallist.create = Yallist\n\nfunction Yallist(list) {\n    var
self = this\n    if (!(self instanceof Yallist)) {\n        self = new Yallist()\n    }\n\n    self.tail = null\n    self.head = null\n
self.length = 0\n\n    if (list && typeof list.forEach === 'function') {\n        list.forEach(function (item) {\n
self.push(item)\n        })\n    } else if (arguments.length > 0) {\n        for (var i = 0, l = arguments.length; i < l; i++) {\n
self.push(arguments[i])\n        }\n    }\n\n    return self\n}\n\nYallist.prototype.removeNode = function (node) {\n    if
(node.list !== this) {\n        throw new Error('removing node which does not belong to this list')\n    }\n\n    var next =
node.next\n    var prev = node.prev\n\n    if (next) {\n        next.prev = prev\n    }\n\n    if (prev) {\n        prev.next = next\n
    }\n\n    if (node === this.head) {\n        this.head = next\n    }\n    if (node === this.tail) {\n        this.tail = prev\n    }\n\n
node.list.length--\n    node.next = null\n    node.prev = null\n    node.list = null\n\n    return
next\n}\n\nYallist.prototype.unshiftNode = function (node) {\n    if (node === this.head) {\n        return\n    }\n\n    if
(node.list) {\n        node.list.removeNode(node)\n    }\n\n    var head = this.head\n    node.list = this\n    node.next = head\n
if (head) {\n        head.prev = node\n    }\n\n    this.head = node\n    if (!this.tail) {\n        this.tail = node\n    }\n
this.length++\n}\n\nYallist.prototype.pushNode = function (node) {\n    if (node === this.tail) {\n        return\n    }\n\n    if
(node.list) {\n        node.list.removeNode(node)\n    }\n\n    var tail = this.tail\n    node.list = this\n    node.prev = tail\n    if
(tail) {\n        tail.next = node\n    }\n\n    this.tail = node\n    if (!this.head) {\n        this.head = node\n    }\n
this.length++\n}\n\nYallist.prototype.push = function () {\n    for (var i = 0, l = arguments.length; i < l; i++) {\n
push(this, arguments[i])\n    }\n\n    return this.length\n}\n\nYallist.prototype.unshift = function () {\n    for (var i = 0, l =
arguments.length; i < l; i++) {\n        unshift(this, arguments[i])\n    }\n\n    return this.length\n}\n\nYallist.prototype.pop =

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function () {
  if (!this.tail) {
    return undefined
  }
  var res = this.tail.value
  this.tail = this.tail.prev
  if (this.tail) {
    this.tail.next = null
  } else {
    this.head = null
  }
  this.length--
  return res
}
Yallist.prototype.shift = function () {
  if (!this.head) {
    return undefined
  }
  var res = this.head.value
  this.head = this.head.next
  if (this.head) {
    this.head.prev = null
  } else {
    this.tail = null
  }
  this.length--
  return res
}
Yallist.prototype.forEach = function (fn, thisp) {
  thisp = thisp || this
  for (var walker = this.head, i = 0; walker !== null; i++) {
    fn.call(thisp, walker.value, i, this)
    walker = walker.next
  }
}
Yallist.prototype.forEachReverse = function (fn, thisp) {
  thisp = thisp || this
  for (var walker = this.tail, i = this.length - 1; walker !== null; i--) {
    fn.call(thisp, walker.value, i, this)
    walker = walker.prev
  }
}
Yallist.prototype.get = function (n) {
  for (var i = 0, walker = this.head; walker !== null && i < n; i++) {
    // abort out of the list early if we hit a cycle
    walker = walker.next
  }
  if (i === n && walker !== null) {
    return walker.value
  }
}
Yallist.prototype.getReverse = function (n) {
  for (var i = 0, walker = this.tail; walker !== null && i < n; i++) {
    // abort out of the list early if we hit a cycle
    walker = walker.prev
  }
  if (i === n && walker !== null) {
    return walker.value
  }
}
Yallist.prototype.map = function (fn, thisp) {
  thisp = thisp || this
  var res = new Yallist()
  for (var walker = this.head; walker !== null;) {
    res.push(fn.call(thisp, walker.value, this))
    walker = walker.next
  }
  return res
}
Yallist.prototype.mapReverse = function (fn, thisp) {
  thisp = thisp || this
  var res = new Yallist()
  for (var walker = this.tail; walker !== null;) {
    res.push(fn.call(thisp, walker.value, this))
    walker = walker.prev
  }
  return res
}
Yallist.prototype.reduce = function (fn, initial) {
  var acc
  var walker = this.head
  if (arguments.length > 1) {
    acc = initial
  } else if (this.head) {
    walker = this.head.next
    acc = this.head.value
  } else {
    throw new TypeError('Reduce of empty list with no initial value')
  }
  for (var i = 0; walker !== null; i++) {
    acc = fn(acc, walker.value, i)
    walker = walker.next
  }
  return acc
}
Yallist.prototype.reduceReverse = function (fn, initial) {
  var acc
  var walker = this.tail
  if (arguments.length > 1) {
    acc = initial
  } else if (this.tail) {
    walker = this.tail.prev
    acc = this.tail.value
  } else {
    throw new TypeError('Reduce of empty list with no initial value')
  }
  for (var i = this.length - 1; walker !== null; i--) {
    acc = fn(acc, walker.value, i)
    walker = walker.prev
  }
  return acc
}
Yallist.prototype.toArray = function () {
  var arr = new Array(this.length)
  for (var i = 0, walker = this.head; walker !== null; i++) {
    arr[i] = walker.value
    walker = walker.next
  }
  return arr
}
Yallist.prototype.toArrayReverse = function () {
  var arr = new Array(this.length)
  for (var i = 0, walker = this.tail; walker !== null; i++) {
    arr[i] = walker.value
    walker = walker.prev
  }
  return arr
}
Yallist.prototype.slice = function (from, to) {
  to = to || this.length
  if (to < 0) {
    to += this.length
  }
  from = from || 0
  if (from < 0) {
    from += this.length
  }
  var ret = new Yallist()
  if (to < from || to < 0) {
    return ret
  }
  if (from < 0) {
    from = 0
  }
  if (to > this.length) {
    to = this.length
  }
  for (var i = 0, walker = this.head; walker !== null && i < from; i++) {
    walker = walker.next
  }
  for (; walker !== null && i < to; i++, walker = walker.next) {
    ret.push(walker.value)
  }
  return ret
}
Yallist.prototype.sliceReverse = function (from, to) {
  to = to || this.length
  if (to < 0) {
    to += this.length
  }
  from = from || 0
  if (from < 0) {
    from += this.length
  }
  var ret = new Yallist()
  if (to < from || to < 0) {
    return ret
  }
  if (from < 0) {
    from = 0
  }
  if (to > this.length) {
    to = this.length
  }
  for (var i = this.length, walker = this.tail; walker !== null && i > to; i--) {
    walker = walker.prev
  }
  for (; walker !== null && i > from; i--, walker = walker.prev) {
    ret.push(walker.value)
  }
  return ret
}
Yallist.prototype.splice = function (start, deleteCount /*, ...nodes */) {
  if (start > this.length) {
    start = this.length - 1
  }
  if (start < 0) {
    start = this.length + start
  }
  for (var i = 0, walker = this.head; walker !== null && i < start; i++) {
    walker = walker.next
  }
  var ret = []
  for (var i = 0; walker && i < deleteCount; i++) {
    ret.push(walker.value)
    walker = this.removeNode(walker)
  }
  if (walker === null) {
    walker = this.tail
  }
  if (walker !== this.head && walker !== this.tail) {
    walker = walker.prev
  }
  for (var i = 2; i < arguments.length; i++) {
    walker = insert(this, walker, arguments[i])
  }
  return ret
}
Yallist.prototype.reverse = function () {
  var head = this.head
  var tail = this.tail
  for (var walker = head; walker !== null; walker = walker.prev) {
    var p = walker.prev
    walker.prev = walker.next
    walker.next = p
  }
  this.head = tail
  this.tail = head
  return this
}
function insert (self, node, value) {

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var inserted = node === self.head ?\n  new Node(value, null, node, self) :\n  new Node(value, node, node.next,
self)\n\n if (inserted.next === null) {\n  self.tail = inserted\n }\n\n if (inserted.prev === null) {\n  self.head =
inserted\n }\n\n self.length++\n\n return inserted\n}\n\nfunction push (self, item) {\n  self.tail = new Node(item,
self.tail, null, self)\n  if (!self.head) {\n  self.head = self.tail\n }\n  self.length++\n}\n\nfunction unshift (self, item)
{\n  self.head = new Node(item, null, self.head, self)\n  if (!self.tail) {\n  self.tail = self.head\n }\n
self.length++\n}\n\nfunction Node (value, prev, next, list) {\n  if (!(this instanceof Node)) {\n  return new
Node(value, prev, next, list)\n }\n\n this.list = list\n  this.value = value\n\n  if (prev) {\n  prev.next = this\n
this.prev = prev\n } else {\n  this.prev = null\n }\n\n  if (next) {\n  next.prev = this\n  this.next = next\n } else
{\n  this.next = null\n }\n}\n\ntry {\n  // add if support for Symbol.iterator is present\n  require('./iterator.js')(Yallist)\n} catch (er) {}

\n", "use strict"\n\nmodule.exports = function (Yallist) {\n
Yallist.prototype[Symbol.iterator] = function* () {\n  for (let walker = this.head; walker; walker = walker.next) {\n
  yield walker.value\n  }\n }\n}\n", "use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value:
true\n});\n\nexports.default = void 0;\n\nvar _path = _interopRequireDefault(require("./path")); \n\nvar t =
_interopRequireWildcard(require("@babel/types")); \n\nfunction _getRequireWildcardCache() { if (typeof
WeakMap !== "function") return null; var cache = new WeakMap(); _getRequireWildcardCache = function () {
return cache; }; return cache; } \n\nfunction _interopRequireWildcard(obj) { if (obj && obj.__esModule) {
return obj; } if (obj === null || typeof obj !== "object" && typeof obj !== "function") { return { default:
obj }; } var cache = _getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); }
var newObj = {}; var hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var
key in obj) { if (Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache)
{ cache.set(obj, newObj); } return newObj; } \n\nfunction _interopRequireDefault(obj) { return obj &&
obj.__esModule ? obj : { default: obj }; } \n\nconst testing = process.env.NODE_ENV === "test"; \n\nclass
TraversalContext {\n  constructor(scope, opts, state, parentPath) {\n  this.queue = null; \n  this.parentPath =
parentPath; \n  this.scope = scope; \n  this.state = state; \n  this.opts = opts; \n }\n\n  shouldVisit(node) {\n
  const opts = this.opts; \n  if (opts.enter || opts.exit) return true; \n  if (opts[node.type]) return true; \n
  const keys = t.VISITOR_KEYS[node.type]; \n  if (!(keys == null ? void 0 : keys.length)) return false; \n\n  for (const key of
keys) {\n  if (node[key]) return true; \n  }\n\n  return false; \n }\n\n  create(node, obj, key, listKey) {\n  return
_path.default.get({\n  parentPath: this.parentPath, \n  parent: node, \n  container: obj, \n  key: key, \n
listKey\n }); \n }\n\n  maybeQueue(path, notPriority) {\n  if (this.trap) {\n  throw new Error("Infinite cycle
detected"); \n }\n\n  if (this.queue) {\n  if (notPriority) {\n  this.queue.push(path); \n } else {\n
this.priorityQueue.push(path); \n }\n }\n\n  visitMultiple(container, parent, listKey) {\n  if
(container.length === 0) return false; \n  const queue = []; \n\n  for (let key = 0; key < container.length; key++) {\n
  const node = container[key]; \n\n  if (node && this.shouldVisit(node)) {\n  queue.push(this.create(parent,
container, key, listKey)); \n }\n }\n\n  return this.visitQueue(queue); \n }\n\n  visitSingle(node, key) {\n  if
(this.shouldVisit(node[key])) {\n  return this.visitQueue([this.create(node, node, key)]; \n } else {\n  return
false; \n }\n }\n\n  visitQueue(queue) {\n  this.queue = queue; \n  this.priorityQueue = []; \n  const visited =
[]; \n\n  let stop = false; \n\n  for (const path of queue) {\n  path.resync(); \n\n  if (path.contexts.length === 0 ||
path.contexts[path.contexts.length - 1] !== this) {\n  path.pushContext(this); \n }\n\n  if (path.key === null)
continue; \n\n  if (testing && queue.length >= 10000) {\n  this.trap = true; \n }\n\n  if
(visited.indexOf(path.node) >= 0) continue; \n  visited.push(path.node); \n\n  if (path.visit()) {\n  stop =
true; \n  break; \n }\n\n  if (this.priorityQueue.length) {\n  stop = this.visitQueue(this.priorityQueue); \n
this.priorityQueue = []; \n  this.queue = queue; \n  if (stop) break; \n }\n }\n\n  for (const path of
queue) {\n  path.popContext(); \n }\n\n  this.queue = null; \n  return stop; \n }\n\n  visit(node, key) {\n  const
nodes = node[key]; \n  if (!nodes) return false; \n\n  if (Array.isArray(nodes)) {\n  return
this.visitMultiple(nodes, node, key); \n } else {\n  return this.visitSingle(node, key); \n }\n }\n}\n\n\n\nexports.default = TraversalContext; \n", "use strict"; \n\nObject.defineProperty(exports, "__esModule",

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{\n value: true\n});\nexports.default = void 0;\n\nvar _buildMatchMemberExpression =
_interopRequireDefault(require(\"../buildMatchMemberExpression\"));\n\nfunction _interopRequireDefault(obj) {
return obj && obj.__esModule ? obj : { default: obj }; }\n\nconst isReactComponent = (0,
_buildMatchMemberExpression.default)(\"React.Component\");\n\nvar _default =
isReactComponent;\n\nexports.default = _default;\n\n\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\",
{\n value: true\n});\n\nexports.default = isCompatTag;\n\nfunction isCompatTag(tagName) {\n return !!tagName
&& /^[a-z]/.test(tagName);\n}\n\n\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\n\nexports.default = buildChildren;\n\nvar _generated = require(\"../validators/generated\");\n\nvar
_cleanJSXElementLiteralChild =
_interopRequireDefault(require(\"../utils/react/cleanJSXElementLiteralChild\"));\n\nfunction
_interopRequireDefault(obj) { return obj && obj.__esModule ? obj : { default: obj }; }\n\nfunction
buildChildren(node) {\n const elements = [];\n\n for (let i = 0; i < node.children.length; i++) {\n let child =
node.children[i];\n\n if ((0, _generated.isJSXText)(child)) {\n (0, _cleanJSXElementLiteralChild.default)(child,
elements);\n continue;\n }\n\n if ((0, _generated.isJSXExpressionContainer)(child)) child =
child.expression;\n\n if ((0, _generated.isJSXEmptyExpression)(child)) continue;\n\n elements.push(child);\n }\n\n
return elements;\n}\n\n\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\n\nexports.default = cleanJSXElementLiteralChild;\n\nvar _generated =
require(\"../builders/generated\");\n\nfunction cleanJSXElementLiteralChild(child, args) {\n const lines =
child.value.split(\\r\\n\\n\\r);\n\n let lastNonEmptyLine = 0;\n\n for (let i = 0; i < lines.length; i++) {\n if
(lines[i].match(/^[ \\t]/)) {\n lastNonEmptyLine = i;\n }\n\n let str = \"\";\n\n for (let i = 0; i < lines.length;
i++) {\n const line = lines[i];\n const isFirstLine = i === 0;\n const isLastLine = i === lines.length - 1;\n
const isLastNonEmptyLine = i === lastNonEmptyLine;\n\n let trimmedLine = line.replace(\\t/g, \"\");\n\n if
(!isFirstLine) {\n trimmedLine = trimmedLine.replace(/^[ ]+/, \"\");\n }\n\n if (!isLastLine) {\n
trimmedLine = trimmedLine.replace(/[ ]+$/, \"\");\n }\n\n if (trimmedLine) {\n if (!isLastNonEmptyLine) {\n
trimmedLine += \" \";\n }\n\n str += trimmedLine;\n }\n\n }\n\n if (str) args.push((0,
_generated.stringLiteral)(str));\n}\n\n\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\n\nexports.default = builder;\n\nvar _clone = _interopRequireDefault(require(\"lodash/clone\"));\n\nvar
_definitions = require(\"../definitions\");\n\nvar _validate =
_interopRequireDefault(require(\"../validators/validate\"));\n\nfunction _interopRequireDefault(obj) { return obj &&
obj.__esModule ? obj : { default: obj }; }\n\nfunction builder(type, ...args) {\n const keys =
_definitions.BUILDER_KEYS[type];\n\n const countArgs = args.length;\n\n if (countArgs > keys.length) {\n
throw new Error(`${type}: Too many arguments passed. Received ${countArgs} but can receive no more than
${keys.length}`);\n }\n\n const node = {\n type\n };\n\n let i = 0;\n\n keys.forEach(key => {\n const field =
_definitions.NODE_FIELDS[type][key];\n\n let arg;\n\n if (i < countArgs) arg = args[i];\n\n if (arg === undefined)
arg = (0, _clone.default)(field.default);\n\n node[key] = arg;\n\n i++; }\n\n });\n\n for (const key of Object.keys(node))
{\n (0, _validate.default)(node, key, node[key]);\n }\n\n return node;\n}\n\n\"var baseClone =
require('./_baseClone');\n\n** Used to compose bitmasks for cloning. *\n\nvar CLONE_SYMBOLS_FLAG =
4;\n\n**\n\n * Creates a shallow clone of `value`.\n\n * **Note:** This method is loosely based on the\n *
[structured clone algorithm](https://mdn.io/Structured_clone_algorithm)\n * and supports cloning arrays, array
buffers, booleans, date objects, maps,\n * numbers, `Object` objects, regexes, sets, strings, symbols, and typed\n *
arrays. The own enumerable properties of `arguments` objects are cloned\n * as plain objects. An empty object is
returned for uncloneable values such\n * as error objects, functions, DOM nodes, and WeakMaps.\n\n * *\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Lang\n * @param {*} value The value to clone.\n * @returns {*}
Returns the cloned value.\n * @see _cloneDeep\n * @example\n\n * var objects = [{ 'a': 1 }, { 'b': 2 }];\n\n * var
shallow = _clone(objects);\n\n * console.log(shallow[0] === objects[0]);\n\n * // => true\n\n * function
clone(value) {\n return baseClone(value, CLONE_SYMBOLS_FLAG);\n}\n\nmodule.exports = clone;\n\n\"var
Stack = require('./_Stack'),\n\n arrayEach = require('./_arrayEach'),\n\n assignValue = require('./_assignValue'),\n\n
baseAssign = require('./_baseAssign'),\n\n baseAssignIn = require('./_baseAssignIn'),\n\n cloneBuffer =

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require('./_cloneBuffer'),\n  copyArray = require('./_copyArray'),\n  copySymbols = require('./_copySymbols'),\n  copySymbolsIn = require('./_copySymbolsIn'),\n  getAllKeys = require('./_getAllKeys'),\n  getAllKeysIn = require('./_getAllKeysIn'),\n  getTag = require('./_getTag'),\n  initCloneArray = require('./_initCloneArray'),\n  initCloneByTag = require('./_initCloneByTag'),\n  initCloneObject = require('./_initCloneObject'),\n  isArray = require('./isArray'),\n  isBuffer = require('./isBuffer'),\n  isMap = require('./isMap'),\n  isObject = require('./isObject'),\n  isSet = require('./isSet'),\n  keys = require('./keys'),\n  keysIn = require('./keysIn');\n\n/**\n  Used to compose bitmasks for cloning. *\n  \n  @nvar CLONE_DEEP_FLAG = 1,\n  CLONE_FLAT_FLAG = 2,\n  CLONE_SYMBOLS_FLAG = 4;\n  \n  ** `Object#toString` result references. *\n  \n  @nvar argsTag = '[object\n  Arguments]',\n  arrayTag = '[object Array]',\n  boolTag = '[object Boolean]',\n  dateTag = '[object Date]',\n  errorTag = '[object Error]',\n  funcTag = '[object Function]',\n  genTag = '[object GeneratorFunction]',\n  mapTag = '[object Map]',\n  numberTag = '[object Number]',\n  objectTag = '[object Object]',\n  regexpTag = '[object\n  RegExp]',\n  setTag = '[object Set]',\n  stringTag = '[object String]',\n  symbolTag = '[object Symbol]',\n  weakMapTag = '[object WeakMap]';\n  \n  @nvar arrayBufferTag = '[object ArrayBuffer]',\n  dataViewTag = '[object\n  DataView]',\n  float32Tag = '[object Float32Array]',\n  float64Tag = '[object Float64Array]',\n  int8Tag = '[object Int8Array]',\n  int16Tag = '[object Int16Array]',\n  int32Tag = '[object Int32Array]',\n  uint8Tag = '[object Uint8Array]',\n  uint8ClampedTag = '[object Uint8ClampedArray]',\n  uint16Tag = '[object\n  Uint16Array]',\n  uint32Tag = '[object Uint32Array]';\n  \n  ** Used to identify `toStringTag` values supported by\n  `_clone`. *\n  \n  @nvar cloneableTags = {};\n  \n  @ncloneableTags[argsTag] = cloneableTags[arrayTag]\n  =\n  @ncloneableTags[arrayBufferTag] = cloneableTags[dataViewTag] =\n  @ncloneableTags[boolTag] =\n  @ncloneableTags[dateTag] =\n  @ncloneableTags[float32Tag] = cloneableTags[float64Tag] =\n  @ncloneableTags[int8Tag] =\n  @ncloneableTags[int16Tag] =\n  @ncloneableTags[int32Tag] = cloneableTags[mapTag] =\n  @ncloneableTags[numberTag] =\n  @ncloneableTags[objectTag] =\n  @ncloneableTags[regexpTag] = cloneableTags[setTag] =\n  @ncloneableTags[stringTag] =\n  @ncloneableTags[symbolTag] =\n  @ncloneableTags[uint8Tag] = cloneableTags[uint8ClampedTag]\n  =\n  @ncloneableTags[uint16Tag] = cloneableTags[uint32Tag] = true;\n  \n  @ncloneableTags[errorTag] =\n  @ncloneableTags[funcTag] =\n  @ncloneableTags[weakMapTag] = false;\n  \n  **\n  \n  * The base implementation of `_clone`\n  and `_cloneDeep` which tracks\n  * traversed objects.\n  \n  * *\n  * @private\n  * @param {*} value The value to clone.\n  * @param {boolean} bitmask The bitmask flags.\n  * * 1 - Deep clone\n  * * 2 - Flatten inherited properties\n  * * 4 - Clone symbols\n  * @param {Function} [customizer] The function to customize cloning.\n  * @param {string} [key] The key of `value`.\n  * @param {Object} [object] The parent object of `value`.\n  * @param {Object} [stack] Tracks traversed objects and their clone counterparts.\n  * @returns {*} Returns the cloned value.\n  \n  */\n  \n  @nfunction\n  baseClone(value, bitmask, customizer, key, object, stack) {\n    var result,\n        isDeep = bitmask &\n        CLONE_DEEP_FLAG,\n        isFlat = bitmask & CLONE_FLAT_FLAG,\n        isFull = bitmask &\n        CLONE_SYMBOLS_FLAG;\n    \n    if (customizer) {\n      result = object ? customizer(value, key, object, stack) :\n        customizer(value);\n    }\n    \n    if (result !== undefined) {\n      return result;\n    }\n    \n    if (!isObject(value)) {\n      return value;\n    }\n    \n    var isArr = isArray(value);\n    \n    if (isArr) {\n      result = initCloneArray(value);\n      \n      if (!isDeep) {\n        return copyArray(value, result);\n      }\n    }\n    \n    else {\n      var tag = getTag(value),\n          isFunc = tag == funcTag || tag\n          == genTag;\n      \n      if (isBuffer(value)) {\n        return cloneBuffer(value, isDeep);\n      }\n      \n      if (tag == objectTag || tag\n          == argsTag || (isFunc && !object)) {\n        result = (isFlat || isFunc) ? {} : initCloneObject(value);\n        \n        if (!isDeep) {\n          return isFlat\n            ? copySymbolsIn(value, baseAssignIn(result, value))\n            : copySymbols(value,\n                baseAssign(result, value));\n        }\n      }\n    }\n    \n    else {\n      if (!cloneableTags[tag]) {\n        return object ? value : {};\n      }\n      \n      result = initCloneByTag(value, tag, isDeep);\n    }\n    \n    // Check for circular references and return its\n    corresponding clone.\n    \n    stack || (stack = new Stack);\n    \n    var stacked = stack.get(value);\n    \n    if (stacked) {\n      return stacked;\n    }\n    \n    stack.set(value, result);\n    \n    if (isSet(value)) {\n      value.forEach(function(subValue) {\n        result.add(baseClone(subValue, bitmask, customizer, subValue, value, stack));\n      });\n    }\n    \n    else if (isMap(value)) {\n      value.forEach(function(subValue, key) {\n        result.set(key, baseClone(subValue, bitmask, customizer, key, value, stack));\n      });\n    }\n    \n    \n    var keysFunc = isFull\n      ? (isFlat ? getAllKeysIn : getAllKeys)\n      : (isFlat ? keysIn : keys);\n    \n    var props = isArr ? undefined : keysFunc(value);\n    \n    arrayEach(props || value, function(subValue, key) {\n      if (props) {\n        key = subValue;\n        subValue = value[key];\n      }\n      // Recursively populate clone (susceptible

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to call stack limits).\n  assignValue(result, key, baseClone(subValue, bitmask, customizer, key, value, stack));\n
});\n return result;\n}\n\nmodule.exports = baseClone;\n", "var ListCache = require('./_ListCache'),\n  stackClear =\n  require('./_stackClear'),\n  stackDelete = require('./_stackDelete'),\n  stackGet = require('./_stackGet'),\n  stackHas = require('./_stackHas'),\n  stackSet = require('./_stackSet');\n\n/**\n * Creates a stack cache object to\n store key-value pairs.\n *\n * @private\n * @constructor\n * @param {Array} [entries] The key-value pairs to\n cache.\n *\n * @return {Object} The stack cache instance.\n */\nfunction Stack(entries) {\n  var data = this.__data__ = new ListCache(entries);\n  this.size =\n  data.size;\n}\n\n// Add methods to `Stack`\nStack.prototype.clear = stackClear;\nStack.prototype['delete'] =\n  stackDelete;\nStack.prototype.get = stackGet;\nStack.prototype.has = stackHas;\nStack.prototype.set =\n  stackSet;\n\nmodule.exports = Stack;\n", "/*\n * Removes all key-value entries from the list cache.\n *\n * @private\n * @name clear\n * @memberOf ListCache\n */\nfunction listCacheClear() {\n  this.__data__ = [];\n  this.size = 0;\n}\n\nmodule.exports = listCacheClear;\n", "var assocIndexOf = require('./_assocIndexOf');\n\n/**\n * Used for built-in method references. *\n * @nvar arrayProto = Array.prototype;\n * @nvar splice = arrayProto.splice;\n\n/**\n * Removes `key` and its value from the list cache.\n *\n * @private\n * @name delete\n * @memberOf ListCache\n * @param {string} key The key of the value to remove.\n * @returns\n {boolean} Returns `true` if the entry was removed, else `false`.\n */\nfunction listCacheDelete(key) {\n  var data =\n  this.__data__,\n      index = assocIndexOf(data, key);\n\n  if (index < 0) {\n    return false;\n  }\n\n  var lastIndex =\n  data.length - 1;\n  if (index == lastIndex) {\n    data.pop();\n  } else {\n    splice.call(data, index, 1);\n  }\n\n  --\n  this.size;\n  return true;\n}\n\nmodule.exports = listCacheDelete;\n", "var assocIndexOf =\n  require('./_assocIndexOf');\n\n/**\n * Gets the list cache value for `key`.\n *\n * @private\n * @name get\n * @memberOf ListCache\n * @param {string} key The key of the value to get.\n * @returns {*} Returns the entry\n value.\n */\nfunction listCacheGet(key) {\n  var data = this.__data__,\n      index = assocIndexOf(data, key);\n\n  return index < 0 ? undefined : data[index][1];\n}\n\nmodule.exports = listCacheGet;\n", "var assocIndexOf =\n  require('./_assocIndexOf');\n\n/**\n * Checks if a list cache value for `key` exists.\n *\n * @private\n * @name has\n * @memberOf ListCache\n * @param {string} key The key of the entry to check.\n * @returns {boolean}\n Returns `true` if an entry for `key` exists, else `false`.\n */\nfunction listCacheHas(key) {\n  return\n  assocIndexOf(this.__data__, key) > -1;\n}\n\nmodule.exports = listCacheHas;\n", "var assocIndexOf =\n  require('./_assocIndexOf');\n\n/**\n * Sets the list cache `key` to `value`.\n *\n * @private\n * @name set\n * @memberOf ListCache\n * @param {string} key The key of the value to set.\n * @param {*} value The value to\n set.\n * @returns {Object} Returns the list cache instance.\n */\nfunction listCacheSet(key, value) {\n  var data =\n  this.__data__,\n      index = assocIndexOf(data, key);\n\n  if (index < 0) {\n    ++this.size;\n    data.push([key,\n  value]);\n  } else {\n    data[index][1] = value;\n  }\n\n  return this;\n}\n\nmodule.exports = listCacheSet;\n", "var\n  ListCache = require('./_ListCache');\n\n/**\n * Removes all key-value entries from the stack.\n *\n * @private\n * @name clear\n * @memberOf Stack\n */\nfunction stackClear() {\n  this.__data__ = new ListCache;\n  this.size =\n  0;\n}\n\nmodule.exports = stackClear;\n", "/*\n * Removes `key` and its value from the stack.\n *\n * @private\n * @name delete\n * @memberOf Stack\n * @param {string} key The key of the value to remove.\n * @returns\n {boolean} Returns `true` if the entry was removed, else `false`.\n */\nfunction stackDelete(key) {\n  var data =\n  this.__data__,\n      result = data['delete'](key);\n\n  this.size = data.size;\n  return result;\n}\n\nmodule.exports =\n  stackDelete;\n", "/*\n * Gets the stack value for `key`.\n *\n * @private\n * @name get\n * @memberOf Stack\n * @param {string} key The key of the value to get.\n * @returns {*} Returns the entry value.\n */\nfunction\n  stackGet(key) {\n  return this.__data__.get(key);\n}\n\nmodule.exports = stackGet;\n", "/*\n * Checks if a stack\n value for `key` exists.\n *\n * @private\n * @name has\n * @memberOf Stack\n * @param {string} key The key of the\n entry to check.\n * @returns {boolean} Returns `true` if an entry for `key` exists, else `false`.\n */\nfunction\n  stackHas(key) {\n  return this.__data__.has(key);\n}\n\nmodule.exports = stackHas;\n", "var ListCache =\n  require('./_ListCache'),\n  Map = require('./_Map'),\n  MapCache = require('./_MapCache');\n\n/**\n * Used as the\n size to enable large array optimizations. *\n * @nvar LARGE_ARRAY_SIZE = 200;\n\n/**\n * Sets the stack `key` to\n `value`.\n *\n * @private\n * @name set\n * @memberOf Stack\n * @param {string} key The key of the value to\n set.\n * @param {*} value The value to set.\n * @returns {Object} Returns the stack cache instance.\n */\nfunction\n  stackSet(key, value) {\n  var data = this.__data__;\n  if (data instanceof ListCache) {\n    var pairs =

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entry[1]);\n }\n}\n\n// Add methods to `MapCache`\n\nMapCache.prototype.clear =
mapCacheClear;\n\nMapCache.prototype['delete'] = mapCacheDelete;\n\nMapCache.prototype.get =
mapCacheGet;\n\nMapCache.prototype.has = mapCacheHas;\n\nMapCache.prototype.set =
mapCacheSet;\n\n\nmodule.exports = MapCache;\n\n", "var Hash = require('./_Hash'),\n\n ListCache =
require('./_ListCache'),\n\n Map = require('./_Map');\n\n\n/**\n * Removes all key-value entries from the map.\n * \n * \n * @private\n * @name clear\n * @memberOf MapCache\n */\nfunction mapCacheClear() {\n  this.size = 0;\n  this.__data__ = {\n    'hash': new Hash,\n    'map': new (Map || ListCache),\n    'string': new Hash\n  };\n}\n\nmodule.exports = mapCacheClear;\n\n", "var hashClear = require('./_hashClear'),\n\n hashDelete =
require('./_hashDelete'),\n\n hashGet = require('./_hashGet'),\n\n hashHas = require('./_hashHas'),\n\n hashSet =
require('./_hashSet');\n\n\n/**\n * Creates a hash object.\n * \n * \n * @private\n * @constructor\n * @param {Array}
[entries] The key-value pairs to cache.\n */\nfunction Hash(entries) {\n  var index = -1,\n      length = entries == null
? 0 : entries.length;\n\n  this.clear();\n  while (++index < length) {\n    var entry = entries[index];\n\n    this.set(entry[0], entry[1]);\n  }\n}\n\n// Add methods to `Hash`\n\nHash.prototype.clear =
hashClear;\n\nHash.prototype['delete'] = hashDelete;\n\nHash.prototype.get = hashGet;\n\nHash.prototype.has =
hashHas;\n\nHash.prototype.set = hashSet;\n\n\nmodule.exports = Hash;\n\n", "var nativeCreate =
require('./_nativeCreate');\n\n\n/**\n * Removes all key-value entries from the hash.\n * \n * \n * @private\n * @name
clear\n * @memberOf Hash\n */\nfunction hashClear() {\n  this.__data__ = nativeCreate ? nativeCreate(null) : {};\n  this.size = 0;\n}\n\n\nmodule.exports = hashClear;\n\n", " /**\n * Removes `key` and its value from the hash.\n * \n * \n * @private\n * @name delete\n * @memberOf Hash\n * @param {Object} hash The hash to modify.\n * @param
{string} key The key of the value to remove.\n * @returns {boolean} Returns `true` if the entry was removed, else
`false`.\n */\nfunction hashDelete(key) {\n  var result = this.has(key) && delete this.__data__[key];\n  this.size -=
result ? 1 : 0;\n  return result;\n}\n\n\nmodule.exports = hashDelete;\n\n", "var nativeCreate =
require('./_nativeCreate');\n\n\n/**\n * Used to stand-in for `undefined` hash values. *\n */\nvar HASH_UNDEFINED =
'__lodash_hash_undefined__';\n\n\n/**\n * Used for built-in method references. *\n */\nvar objectProto =
Object.prototype;\n\n\n/**\n * Used to check objects for own properties. *\n */\nvar hasOwnProperty =
objectProto.hasOwnProperty;\n\n\n/**\n * Gets the hash value for `key`.\n * \n * \n * @private\n * @name get\n * @memberOf Hash\n * @param {string} key The key of the value to get.\n * @returns {*} Returns the entry
value.\n */\nfunction hashGet(key) {\n  var data = this.__data__;\n  if (nativeCreate) {\n    var result = data[key];\n\n    return result === HASH_UNDEFINED ? undefined : result;\n  }\n  return hasOwnProperty.call(data, key) ?
data[key] : undefined;\n}\n\n\nmodule.exports = hashGet;\n\n", "var nativeCreate = require('./_nativeCreate');\n\n\n/**\n * Used for built-in method references. *\n */\nvar objectProto = Object.prototype;\n\n\n/**\n * Used to check objects for own
properties. *\n */\nvar hasOwnProperty = objectProto.hasOwnProperty;\n\n\n/**\n * Checks if a hash value for `key`
exists.\n * \n * \n * @private\n * @name has\n * @memberOf Hash\n * @param {string} key The key of the entry to
check.\n * @returns {boolean} Returns `true` if an entry for `key` exists, else `false`.\n */\nfunction hashHas(key)
{\n  var data = this.__data__;\n  return nativeCreate ? (data[key] !== undefined) : hasOwnProperty.call(data,
key);\n}\n\n\nmodule.exports = hashHas;\n\n", "var nativeCreate = require('./_nativeCreate');\n\n\n/**\n * Used to stand-in for
`undefined` hash values. *\n */\nvar HASH_UNDEFINED = '__lodash_hash_undefined__';\n\n\n/**\n * Sets the hash
`key` to `value`.\n * \n * \n * @private\n * @name set\n * @memberOf Hash\n * @param {string} key The key of the
value to set.\n * @param {*} value The value to set.\n * @returns {Object} Returns the hash instance.\n */\nfunction hashSet(key, value) {\n  var data = this.__data__;\n  this.size += this.has(key) ? 0 : 1;\n  data[key] =
(nativeCreate && value === undefined) ? HASH_UNDEFINED : value;\n  return this;\n}\n\n\nmodule.exports =
hashSet;\n\n", "var getMapData = require('./_getMapData');\n\n\n/**\n * Removes `key` and its value from the map.\n * \n * \n * @private\n * @name delete\n * @memberOf MapCache\n * @param {string} key The key of the value to
remove.\n * @returns {boolean} Returns `true` if the entry was removed, else `false`.\n */\nfunction
mapCacheDelete(key) {\n  var result = getMapData(this, key)['delete'](key);\n  this.size -= result ? 1 : 0;\n  return
result;\n}\n\n\nmodule.exports = mapCacheDelete;\n\n", " /**\n * Checks if `value` is suitable for use as unique object
key.\n * \n * \n * @private\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is
suitable, else `false`.\n */\nfunction isKeyable(value) {\n  var type = typeof value;\n  return (type == 'string' || type

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== 'number' || type == 'symbol' || type == 'boolean')\n  ? (value !== '__proto__')\n  : (value ===
null);\n}\n\nmodule.exports = isKeyable;\n", "var getMapData = require('./_getMapData');\n\n/**\n * Gets the map
value for `key`.\n * @private\n * @name get\n * @memberOf MapCache\n * @param {string} key The key of
the value to get.\n * @returns {*} Returns the entry value.\n */\nfunction mapCacheGet(key) {\n  return
getMapData(this, key).get(key);\n}\n\nmodule.exports = mapCacheGet;\n", "var getMapData =
require('./_getMapData');\n\n/**\n * Checks if a map value for `key` exists.\n * @private\n * @name has\n *
@memberOf MapCache\n * @param {string} key The key of the entry to check.\n * @returns {boolean} Returns
`true` if an entry for `key` exists, else `false`.\n */\nfunction mapCacheHas(key) {\n  return getMapData(this,
key).has(key);\n}\n\nmodule.exports = mapCacheHas;\n", "var getMapData = require('./_getMapData');\n\n/**\n *
Sets the map `key` to `value`.\n * @private\n * @name set\n * @memberOf MapCache\n * @param {string}
key The key of the value to set.\n * @param {*} value The value to set.\n * @returns {Object} Returns the map
cache instance.\n */\nfunction mapCacheSet(key, value) {\n  var data = getMapData(this, key),\n    size =
data.size;\n  data.set(key, value);\n  this.size += data.size === size ? 0 : 1;\n  return this;\n}\n\nmodule.exports =
mapCacheSet;\n", "*/\n * A specialized version of `_.forEach` for arrays without support for\n * iteratee
shorthands.\n * @private\n * @param {Array} [array] The array to iterate over.\n * @param {Function} iteratee
The function invoked per iteration.\n * @returns {Array} Returns `array`.\n */\nfunction arrayEach(array, iteratee)
{\n  var index = -1,\n    length = array == null ? 0 : array.length;\n  while (++index < length) {\n    if
(iteratee(array[index], index, array) === false) {\n      break;\n    }\n  }\n  return array;\n}\n\nmodule.exports =
arrayEach;\n", "var getNative = require('./_getNative');\n\nvar defineProperty = (function() {\n  try {\n    var func =
getNative(Object, 'defineProperty');\n    func({}, {}, {});\n    return func;\n  } catch (e) {\n    return null;\n  }\n})();\n\nmodule.exports =
defineProperty;\n", "var copyObject = require('./_copyObject'),\n  keys = require('./keys');\n\n/**\n * The base
implementation of `_.assign` without support for multiple sources\n * or `customizer` functions.\n * @private\n *
@param {Object} object The destination object.\n * @param {Object} source The source object.\n * @returns
{Object} Returns `object`.\n */\nfunction baseAssign(object, source) {\n  return object && copyObject(source,
keys(source), object);\n}\n\nmodule.exports = baseAssign;\n", "*/\n * The base implementation of `_.times`
without support for iteratee shorthands\n * or max array length checks.\n * @private\n * @param {number} n
The number of times to invoke `iteratee`.\n * @param {Function} iteratee The function invoked per iteration.\n *
@return {Array} Returns the array of results.\n */\nfunction baseTimes(n, iteratee) {\n  var index = -1,\n    result
= Array(n);\n  while (++index < n) {\n    result[index] = iteratee(index);\n  }\n  return result;\n}\n\nmodule.exports =
baseTimes;\n", "var baseIsArguments = require('./_baseIsArguments'),\n  isObjectLike =
require('./isObjectLike');\n\n/**\n * Used for built-in method references. *\nvar objectProto = Object.prototype;\n\nUsed to check objects for own properties. *\nvar hasOwnProperty = objectProto.hasOwnProperty;\n\nBuilt-in
value references. *\nvar propertyIsEnumerable = objectProto.propertyIsEnumerable;\n\nChecks if `value` is
likely an `arguments` object.\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Lang\n * @param
{*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is an `arguments` object,\n * else
`false`.\n * @example\n * _._.isArguments(function() { return arguments; }());\n * // => true\n * _._.
_isArguments([1, 2, 3]);\n * // => false\n *\nvar isArguments = baseIsArguments(function() { return arguments;
}()) ? baseIsArguments : function(value) {\n  return isObjectLike(value) && hasOwnProperty.call(value, 'callee')
&&\n    !propertyIsEnumerable.call(value, 'callee');\n};\n\nmodule.exports = isArguments;\n", "var baseGetTag =
require('./_baseGetTag'),\n  isObjectLike = require('./isObjectLike');\n\n/**\n * `Object#toString` result references.
*\nvar argsTag = '[object Arguments]';\n\nThe base implementation of `_.isArguments`.\n * @private\n *
@param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is an `arguments`
object,\n */\nfunction baseIsArguments(value) {\n  return isObjectLike(value) && baseGetTag(value) ==
argsTag;\n}\n\nmodule.exports = baseIsArguments;\n", "*/\n * This method returns `false`.\n * @static\n *
@memberOf _\n * @since 4.13.0\n * @category Util\n * @returns {boolean} Returns `false`.\n * @example\n * _._.
_times(2, _._.stubFalse);\n * // => [false, false]\n */\nfunction stubFalse() {\n  return false;\n}\n\nmodule.exports =
stubFalse;\n", "*/\n * Used as references for various `Number` constants. *\nvar MAX_SAFE_INTEGER =
9007199254740991;\n\nUsed to detect unsigned integer values. *\nvar reIsUint = /^(?:0|[1-9]\\d*)$/;\n\n*/\n *

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Checks if `value` is a valid array-like index.\n * \n * @private\n * @param {*} value The value to check.\n *
@param {number} [length=MAX_SAFE_INTEGER] The upper bounds of a valid index.\n * @returns {boolean}
Returns `true` if `value` is a valid index, else `false`.\n */\nfunction isIndex(value, length) {\n  var type = typeof
value;\n  length = length == null ? MAX_SAFE_INTEGER : length;\n\n  return !!length &&\n    (type == 'number'
||\n    (type != 'symbol' && reIsUint.test(value))) &&\n    (value > -1 && value % 1 == 0 && value <
length);\n}\n\nmodule.exports = isIndex;\n", "var baseIsTypedArray = require('./_baseIsTypedArray'),\nbaseUnary = require('./_baseUnary'),\nnodeUtil = require('./_nodeUtil');\n\n/* Node.js helper references. */\nvar
nodeIsTypedArray = nodeUtil && nodeUtil.isTypedArray;\n\n/**\n * Checks if `value` is classified as a typed
array.\n * \n * @static\n * @memberOf _\n * @since 3.0.0\n * @category Lang\n * @param {*} value The value to
check.\n * @returns {boolean} Returns `true` if `value` is a typed array, else `false`.\n * @example\n * \n *
_isTypedArray(new Uint8Array);\n * // => true\n * \n * _isTypedArray([]);\n * // => false\n */\nvar isTypedArray
= nodeIsTypedArray ? baseUnary(nodeIsTypedArray) : baseIsTypedArray;\n\nmodule.exports =
isTypedArray;\n", "var baseGetTag = require('./_baseGetTag'),\n    isLength = require('./isLength'),\n    isObjectLike
= require('./isObjectLike');\n\n/** `Object#toString` result references. */\nvar argsTag = '[object Arguments]',\n
arrayTag = '[object Array]',\n    boolTag = '[object Boolean]',\n    dateTag = '[object Date]',\n    errorTag = '[object
Error]',\n    funcTag = '[object Function]',\n    mapTag = '[object Map]',\n    numberTag = '[object Number]',\n
objectTag = '[object Object]',\n    regexpTag = '[object RegExp]',\n    setTag = '[object Set]',\n    stringTag = '[object
String]',\n    weakMapTag = '[object WeakMap]';\n\nvar arrayBufferTag = '[object ArrayBuffer]',\n    dataViewTag
= '[object DataView]',\n    float32Tag = '[object Float32Array]',\n    float64Tag = '[object Float64Array]',\n
int8Tag = '[object Int8Array]',\n    int16Tag = '[object Int16Array]',\n    int32Tag = '[object Int32Array]',\n
uint8Tag = '[object Uint8Array]',\n    uint8ClampedTag = '[object Uint8ClampedArray]',\n    uint16Tag = '[object
Uint16Array]',\n    uint32Tag = '[object Uint32Array]';\n\n/** Used to identify `toStringTag` values of typed arrays.
*/\nvar typedArrayTags = {};\ntypedArrayTags[float32Tag] = typedArrayTags[float64Tag]
=\ntypedArrayTags[int8Tag] = typedArrayTags[int16Tag] =\ntypedArrayTags[int32Tag] =
typedArrayTags[uint8Tag] =\ntypedArrayTags[uint8ClampedTag] = typedArrayTags[uint16Tag]
=\ntypedArrayTags[uint32Tag] = true;\ntypedArrayTags[argsTag] = typedArrayTags[arrayTag]
=\ntypedArrayTags[arrayBufferTag] = typedArrayTags[boolTag] =\ntypedArrayTags[dataViewTag] =
typedArrayTags[dateTag] =\ntypedArrayTags[errorTag] = typedArrayTags[funcTag] =\ntypedArrayTags[mapTag]
= typedArrayTags[numberTag] =\ntypedArrayTags[objectTag] = typedArrayTags[regexpTag]
=\ntypedArrayTags[setTag] = typedArrayTags[stringTag] =\ntypedArrayTags[weakMapTag] = false;\n\n/**\n * The base implementation of `_isTypedArray` without Node.js optimizations.\n * \n * @private\n * @param {*}
value The value to check.\n * @returns {boolean} Returns `true` if `value` is a typed array, else `false`.\n *
*/\nfunction baseIsTypedArray(value) {\n  return isObjectLike(value) &&\n    isLength(value.length) &&
!!typedArrayTags[baseGetTag(value)];\n}\n\nmodule.exports = baseIsTypedArray;\n", "var isPrototype =
require('./_isPrototype'),\n    nativeKeys = require('./_nativeKeys');\n\n/** Used for built-in method references.
*/\nvar objectProto = Object.prototype;\n\n/** Used to check objects for own properties. */\nvar hasOwnProperty =
objectProto.hasOwnProperty;\n\n/**\n * The base implementation of `_.keys` which doesn't treat sparse arrays as
dense.\n * \n * @private\n * @param {Object} object The object to query.\n * @returns {Array} Returns the array
of property names.\n * \n */\nfunction baseKeys(object) {\n  if (!isPrototype(object)) {\n    return nativeKeys(object);\n
}\n  var result = [];\n  for (var key in Object(object)) {\n    if (hasOwnProperty.call(object, key) && key !=
'constructor') {\n      result.push(key);\n    }\n  }\n  return result;\n}\n\nmodule.exports = baseKeys;\n", "var overArg
= require('./_overArg');\n\n/** Built-in method references for those with the same name as other `lodash` methods.
*/\nvar nativeKeys = overArg(Object.keys, Object);\n\nmodule.exports = nativeKeys;\n", "var copyObject =
require('./_copyObject'),\n    keysIn = require('./keysIn');\n\n/**\n * The base implementation of `_.assignIn` without
support for multiple sources\n * or `customizer` functions.\n * \n * @private\n * @param {Object} object The
destination object.\n * @param {Object} source The source object.\n * @returns {Object} Returns `object`.\n *
*/\nfunction baseAssignIn(object, source) {\n  return object && copyObject(source, keysIn(source),
object);\n}\n\nmodule.exports = baseAssignIn;\n", "var isObject = require('./isObject'),\n    isPrototype =

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require('./_isPrototype'),\n  nativeKeysIn = require('./_nativeKeysIn');\n\n/** Used for built-in method references.
*\nvar objectProto = Object.prototype;\n\n/** Used to check objects for own properties. *\nvar hasOwnProperty =
objectProto.hasOwnProperty;\n\n**\n * The base implementation of `_.keysIn` which doesn't treat sparse arrays as
dense.\n * \n * @private\n * @param {Object} object The object to query.\n * @returns {Array} Returns the array
of property names.\n *\nfunction baseKeysIn(object) {\n  if (!isObject(object)) {\n    return nativeKeysIn(object);\n
}\n  var isProto = isPrototype(object),\n      result = [];\n\n  for (var key in object) {\n    if (!!(key === 'constructor' &&
(isProto || !hasOwnProperty.call(object, key)))) {\n      result.push(key);\n    }\n  }\n  return
result;\n}\n\nmodule.exports = baseKeysIn;\n","/**\n * This function is like\n * `Object.keys`)(http://ecma-
international.org/ecma-262/7.0/#sec-object.keys)\n * except that it includes inherited enumerable properties.\n *\n *
@private\n * @param {Object} object The object to query.\n * @returns {Array} Returns the array of property
names.\n *\nfunction nativeKeysIn(object) {\n  var result = [];\n  if (object != null) {\n    for (var key in
Object(object)) {\n      result.push(key);\n    }\n  }\n  return result;\n}\n\nmodule.exports = nativeKeysIn;\n", "var
root = require('./_root');\n\n** Detect free variable `exports`. *\nvar freeExports = typeof exports === 'object' &&
exports && !exports.nodeType && exports;\n\n** Detect free variable `module`. *\nvar freeModule = freeExports
&& typeof module === 'object' && module && !module.nodeType && module;\n\n** Detect the popular
CommonJS extension `module.exports`. *\nvar moduleExports = freeModule && freeModule.exports ===
freeExports;\n\n** Built-in value references. *\nvar Buffer = moduleExports ? root.Buffer : undefined,\n
allocUnsafe = Buffer ? Buffer.allocUnsafe : undefined;\n\n**\n * Creates a clone of `buffer`.\n * \n * @private\n *
@param {Buffer} buffer The buffer to clone.\n * @param {boolean} [isDeep] Specify a deep clone.\n * @returns
{Buffer} Returns the cloned buffer.\n *\nfunction cloneBuffer(buffer, isDeep) {\n  if (isDeep) {\n    return
buffer.slice();\n  }\n  var length = buffer.length,\n      result = allocUnsafe ? allocUnsafe(length) : new
buffer.constructor(length);\n\n  buffer.copy(result);\n  return result;\n}\n\nmodule.exports = cloneBuffer;\n","/**\n *
Copies the values of `source` to `array`.\n * \n * @private\n * @param {Array} source The array to copy values
from.\n * @param {Array} [array=[]] The array to copy values to.\n * @returns {Array} Returns `array`.\n
*\nfunction copyArray(source, array) {\n  var index = -1,\n      length = source.length;\n\n  array || (array =
Array(length));\n  while (++index < length) {\n    array[index] = source[index];\n  }\n  return
array;\n}\n\nmodule.exports = copyArray;\n", "var copyObject = require('./_copyObject'),\n  getSymbols =
require('./_getSymbols');\n\n**\n * Copies own symbols of `source` to `object`.\n * \n * @private\n * @param
{Object} source The object to copy symbols from.\n * @param {Object} [object={}] The object to copy symbols
to.\n * @returns {Object} Returns `object`.\n *\nfunction copySymbols(source, object) {\n  return
copyObject(source, getSymbols(source), object);\n}\n\nmodule.exports = copySymbols;\n","/**\n * A specialized
version of `_.filter` for arrays without support for\n * iteratee shorthands.\n * \n * @private\n * @param {Array}
[array] The array to iterate over.\n * @param {Function} predicate The function invoked per iteration.\n * @returns
{Array} Returns the new filtered array.\n *\nfunction arrayFilter(array, predicate) {\n  var index = -1,\n      length =
array == null ? 0 : array.length,\n      resIndex = 0,\n      result = [];\n\n  while (++index < length) {\n    var value =
array[index];\n    if (predicate(value, index, array)) {\n      result[resIndex++] = value;\n    }\n  }\n  return
result;\n}\n\nmodule.exports = arrayFilter;\n", "var copyObject = require('./_copyObject'),\n  getSymbolsIn =
require('./_getSymbolsIn');\n\n**\n * Copies own and inherited symbols of `source` to `object`.\n * \n * @private\n *
@param {Object} source The object to copy symbols from.\n * @param {Object} [object={}] The object to copy
symbols to.\n * @returns {Object} Returns `object`.\n *\nfunction copySymbolsIn(source, object) {\n  return
copyObject(source, getSymbolsIn(source), object);\n}\n\nmodule.exports = copySymbolsIn;\n", "var
baseGetAllKeys = require('./_baseGetAllKeys'),\n  getSymbols = require('./_getSymbols'),\n  keys =
require('./keys');\n\n**\n * Creates an array of own enumerable property names and symbols of `object`.\n * \n *
@private\n * @param {Object} object The object to query.\n * @returns {Array} Returns the array of property
names and symbols.\n *\nfunction getAllKeys(object) {\n  return baseGetAllKeys(object, keys,
getSymbols);\n}\n\nmodule.exports = getAllKeys;\n", "var baseGetAllKeys = require('./_baseGetAllKeys'),\n
getSymbolsIn = require('./_getSymbolsIn'),\n  keysIn = require('./keysIn');\n\n**\n * Creates an array of own and
inherited enumerable property names and\n * symbols of `object`.\n * \n * @private\n * @param {Object} object

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The object to query.\n * @returns {Array} Returns the array of property names and symbols.\n *\nfunction
getAllKeysIn(object) {\n  return baseGetAllKeys(object, keysIn, getSymbolsIn);\n}\n\nmodule.exports =
getAllKeysIn;\n", "var getNative = require('./_getNative'),\n  root = require('./_root');\n\n/* Built-in method
references that are verified to be native. *\nvar DataView = getNative(root, 'DataView');\n\nmodule.exports =
DataView;\n", "var getNative = require('./_getNative'),\n  root = require('./_root');\n\n/* Built-in method references
that are verified to be native. *\nvar Promise = getNative(root, 'Promise');\n\nmodule.exports = Promise;\n", "var
getNative = require('./_getNative'),\n  root = require('./_root');\n\n/* Built-in method references that are verified to
be native. *\nvar Set = getNative(root, 'Set');\n\nmodule.exports = Set;\n", "var getNative = require('./_getNative'),\n
  root = require('./_root');\n\n/* Built-in method references that are verified to be native. *\nvar WeakMap =
getNative(root, 'WeakMap');\n\nmodule.exports = WeakMap;\n", "/* Used for built-in method references. *\nvar
objectProto = Object.prototype;\n\n/* Used to check objects for own properties. *\nvar hasOwnProperty =
objectProto.hasOwnProperty;\n\n/**\n * Initializes an array clone.\n * \n * @private\n * @param {Array} array The
array to clone.\n * @returns {Array} Returns the initialized clone.\n *\nfunction initCloneArray(array) {\n  var
length = array.length,\n    result = new array.constructor(length);\n\n  // Add properties assigned by
`RegExp#exec`.\n  if (length && typeof array[0] === 'string' && hasOwnProperty.call(array, 'index')) {\n
    result.index = array.index;\n    result.input = array.input;\n  }\n  return result;\n}\n\nmodule.exports =
initCloneArray;\n", "var cloneArrayBuffer = require('./_cloneArrayBuffer'),\n  cloneDataView =
require('./_cloneDataView'),\n  cloneRegExp = require('./_cloneRegExp'),\n  cloneSymbol =
require('./_cloneSymbol'),\n  cloneTypedArray = require('./_cloneTypedArray');\n\n/** `Object#toString` result
references. *\nvar boolTag = '[object Boolean]',\n  dateTag = '[object Date]',\n  mapTag = '[object Map]',\n
  numberTag = '[object Number]',\n  regexpTag = '[object RegExp]',\n  setTag = '[object Set]',\n  stringTag =
'[object String]',\n  symbolTag = '[object Symbol]';\n\nvar arrayBufferTag = '[object ArrayBuffer]',\n
  dataViewTag = '[object DataView]',\n  float32Tag = '[object Float32Array]',\n  float64Tag = '[object
Float64Array]',\n  int8Tag = '[object Int8Array]',\n  int16Tag = '[object Int16Array]',\n  int32Tag = '[object
Int32Array]',\n  uint8Tag = '[object Uint8Array]',\n  uint8ClampedTag = '[object Uint8ClampedArray]',\n
  uint16Tag = '[object Uint16Array]',\n  uint32Tag = '[object Uint32Array]';\n\n/**\n * Initializes an object clone
based on its `toStringTag`.\n * \n * **Note:** This function only supports cloning values with tags of\n * `Boolean`,
`Date`, `Error`, `Map`, `Number`, `RegExp`, `Set`, or `String`.\n * \n * @private\n * @param {Object} object The
object to clone.\n * @param {string} tag The `toStringTag` of the object to clone.\n * @param {boolean} [isDeep]
Specify a deep clone.\n * @returns {Object} Returns the initialized clone.\n *\nfunction initCloneByTag(object,
tag, isDeep) {\n  var Ctor = object.constructor;\n  switch (tag) {\n    case arrayBufferTag:\n      return
cloneArrayBuffer(object);\n\n    case boolTag:\n    case dateTag:\n      return new Ctor(+object);\n\n    case
dataViewTag:\n      return cloneDataView(object, isDeep);\n\n    case float32Tag: case float64Tag:\n    case int8Tag:
case int16Tag: case int32Tag:\n    case uint8Tag: case uint8ClampedTag: case uint16Tag: case uint32Tag:\n      return
cloneTypedArray(object, isDeep);\n\n    case mapTag:\n      return new Ctor;\n\n    case numberTag:\n    case
stringTag:\n      return new Ctor(object);\n\n    case regexpTag:\n      return cloneRegExp(object);\n\n    case
setTag:\n      return new Ctor;\n\n    case symbolTag:\n      return cloneSymbol(object);\n  }\n}\n\nmodule.exports =
initCloneByTag;\n", "var root = require('./_root');\n\n/* Built-in value references. *\nvar Uint8Array =
root.Uint8Array;\n\nmodule.exports = Uint8Array;\n", "var cloneArrayBuffer =
require('./_cloneArrayBuffer');\n\n/**\n * Creates a clone of `dataView`.\n * \n * @private\n * @param {Object}
dataView The data view to clone.\n * @param {boolean} [isDeep] Specify a deep clone.\n * @returns {Object}
Returns the cloned data view.\n *\nfunction cloneDataView(dataView, isDeep) {\n  var buffer = isDeep ?
cloneArrayBuffer(dataView.buffer) : dataView.buffer;\n  return new dataView.constructor(buffer,
dataView.byteOffset, dataView.byteLength);\n}\n\nmodule.exports = cloneDataView;\n", "/* Used to match
`RegExp` flags from their coerced string values. *\nvar reFlags = /\w*$/;\n\n/**\n * Creates a clone of `regexp`.\n *
\n * @private\n * @param {Object} regexp The regexp to clone.\n * @returns {Object} Returns the cloned
regexp.\n *\nfunction cloneRegExp(regexp) {\n  var result = new regexp.constructor(regexp.source,
reFlags.exec(regexp));\n  result.lastIndex = regexp.lastIndex;\n  return result;\n}\n\nmodule.exports =

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\\uffd7\\uffda-\\uffdc";nlet nonASCIIIdentifierChars = "\\u200c\\u200d\\xb7\\u0300-\\u036f\\u0387\\u0483-
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\\u0aef\\u0afa-\\u0aff\\u0b01-\\u0b03\\u0b3c\\u0b3e-\\u0b44\\u0b47\\u0b48\\u0b4b-\\u0b4d\\u0b55-
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\\u1abd\\u1abf\\u1ac0\\u1b00-\\u1b04\\u1b34-\\u1b44\\u1b50-\\u1b59\\u1b6b-\\u1b73\\u1b80-\\u1b82\\u1ba1-
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\\ua827\\ua82c\\ua880\\ua881\\ua8b4-\\ua8c5\\ua8d0-\\ua8d9\\ua8e0-\\ua8f1\\ua8ff-\\ua909\\ua926-\\ua92d\\ua947-
\\ua953\\ua980-\\ua983\\ua9b3-\\ua9c0\\ua9d0-\\ua9d9\\ua9e5\\ua9f0-\\ua9f9\\uaa29-
\\uaa36\\uaa43\\uaa4c\\uaa4d\\uaa50-\\uaa59\\uaa7b-\\uaa7d\\uaab0\\uaab2-
\\uaab4\\uaab7\\uaab8\\uaabe\\uaabf\\uaac1\\uaaab-\\uaaef\\uaaf5\\uaaf6\\uabe3-\\uabea\\uabec\\uabed\\uabf0-
\\uabf9\\ufb1e\\ufe00-\\ufe0f\\ufe20-\\ufe2f\\ufe33\\ufe34\\ufe4d-\\ufe4f\\uff10-\\uff19\\uff3f";\n\nconst nonASCIIidentifierStart = new RegExp("\\[\" + nonASCIIidentifierStartChars + '\\\"]");\nconst nonASCIIidentifier = new RegExp("\\[\" + nonASCIIidentifierStartChars + nonASCIIidentifierChars + '\\\"]");\nconst nonASCIIidentifierStartChars = nonASCIIidentifierChars = null;\nconst astralIdentifierStartCodes = [0, 11, 2, 25, 2, 18, 2, 1, 2, 14, 3, 13, 35, 122, 70, 52, 268, 28, 4, 48, 48, 31, 14, 29, 6, 37, 11, 29, 3, 35, 5, 7, 2, 4, 43, 157, 19, 35, 5, 35, 5, 39, 9, 51, 157, 310, 10, 21, 11, 7, 153, 5, 3, 0, 2, 43, 2, 1, 4, 0, 3, 22, 11, 22, 10, 30, 66, 18, 2, 1, 11, 21, 11, 25, 71, 55, 7, 1, 65, 0, 16, 3, 2, 2, 2, 28, 43, 28, 4, 28, 36, 7, 2, 27, 28, 53, 11, 21, 11, 18, 14, 17, 111, 72, 56, 50, 14, 50, 14, 35, 349, 41, 7, 1, 79, 28, 11, 0, 9, 21, 107, 20, 28, 22, 13, 52, 76, 44, 33, 24, 27, 35, 30, 0, 3, 0, 9, 34, 4, 0, 13, 47, 15, 3, 22, 0, 2, 0, 36, 17, 2, 24, 85, 6, 2, 0, 2, 3, 2, 14, 2, 9, 8, 46, 39, 7, 3, 1, 3, 21, 2, 6, 2, 1, 2, 4, 4, 0, 19, 0, 13, 4, 159, 52, 19, 3, 21, 2, 31, 47, 21, 1, 2, 0, 185, 46, 42, 3, 37, 47, 21, 0, 60, 42, 14, 0, 72, 26, 230, 43, 117, 63, 32, 7, 3, 0, 3, 7, 2, 1, 2, 23, 16, 0, 2, 0, 95, 7, 3, 38, 17, 0, 2, 0, 29, 0, 11, 39, 8, 0, 22, 0, 12, 45, 20, 0, 35, 56, 264, 8, 2, 36, 18, 0, 50, 29, 113, 6, 2, 1, 2, 37, 22, 0, 26, 5, 2, 1, 2, 31, 15, 0, 328, 18, 190, 0, 80, 921, 103, 110, 18, 195, 2749, 1070, 4050, 582, 8634, 568, 8, 30, 114, 29, 19, 47, 17, 3, 32, 20, 6, 18, 689, 63, 129, 74, 6, 0, 67, 12, 65, 1, 2, 0, 29, 6135, 9, 1237, 43, 8, 8952, 286, 50, 2, 18, 3, 9, 395, 2309, 106, 6, 12, 4, 8, 8, 9, 5991, 84, 2, 70, 2, 1, 3, 0, 3, 1, 3, 3, 2, 11, 2, 0, 2, 6, 2, 64, 2, 3, 3, 7, 2, 6, 2, 27, 2, 3, 2, 4, 2, 0, 4, 6, 2, 339, 3, 24, 2, 24, 2, 30, 2, 24, 2, 30, 2, 24, 2, 30, 2, 24, 2, 30, 2, 24, 2, 7, 2357, 44, 11, 6, 17, 0, 370, 43, 1301, 196, 60, 67, 8, 0, 1205, 3, 2, 26, 2, 1, 2, 0, 3, 0, 2, 9, 2, 3, 2, 0, 2, 0, 7, 0, 5, 0, 2, 0, 2, 2, 2, 1, 2, 0, 3, 0, 2, 0, 2, 0, 2, 0, 2, 0, 2, 1, 2, 0, 3, 3, 2, 6, 2, 3, 2, 3, 2, 0, 2, 9, 2, 16, 6, 2, 2, 4, 2, 16, 4421, 42717, 35, 4148, 12, 221, 3, 5761, 15, 7472, 3104, 541, 1507, 4938];\n\nconst astralIdentifierCodes = [509, 0, 227, 0, 150, 4, 294, 9, 1368, 2, 2, 1, 6, 3, 41, 2, 5, 0, 166, 1, 574, 3, 9, 9, 370, 1, 154, 10, 176, 2, 54, 14, 32, 9, 16, 3, 46, 10, 54, 9, 7, 2, 37, 13, 2, 9, 6, 1, 45, 0, 13, 2, 49, 13, 9, 3, 2, 11, 83, 11, 7, 0, 161,

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11, 6, 9, 7, 3, 56, 1, 2, 6, 3, 1, 3, 2, 10, 0, 11, 1, 3, 6, 4, 4, 193, 17, 10, 9, 5, 0, 82, 19, 13, 9, 214, 6, 3, 8, 28, 1, 83, 16,
16, 9, 82, 12, 9, 9, 84, 14, 5, 9, 243, 14, 166, 9, 71, 5, 2, 1, 3, 3, 2, 0, 2, 1, 13, 9, 120, 6, 3, 6, 4, 0, 29, 9, 41, 6, 2, 3, 9,
0, 10, 10, 47, 15, 406, 7, 2, 7, 17, 9, 57, 21, 2, 13, 123, 5, 4, 0, 2, 1, 2, 6, 2, 0, 9, 9, 49, 4, 2, 1, 2, 4, 9, 9, 330, 3,
19306, 9, 135, 4, 60, 6, 26, 9, 1014, 0, 2, 54, 8, 3, 82, 0, 12, 1, 19628, 1, 5319, 4, 4, 5, 9, 7, 3, 6, 31, 3, 149, 2, 1418,
49, 513, 54, 5, 49, 9, 0, 15, 0, 23, 4, 2, 14, 1361, 6, 2, 16, 3, 6, 2, 1, 2, 4, 262, 6, 10, 9, 419, 13, 1495, 6, 110, 6, 6, 9,
4759, 9, 787719, 239];\n\nfunction isInAstralSet(code, set) {\n let pos = 0x10000;\n\n for (let i = 0, length =
set.length; i < length; i += 2) {\n pos += set[i];\n if (pos > code) return false;\n pos += set[i + 1];\n if (pos >=
code) return true;\n }\n\n return false;\n}\n\nfunction isIdentifierStart(code) {\n if (code < 65) return code ===
36;\n if (code <= 90) return true;\n if (code < 97) return code === 95;\n if (code <= 122) return true;\n\n if (code
<= 0xffff) {\n return code >= 0xaa && nonASCIIIdentifierStart.test(String.fromCharCode(code));\n }\n\n return
isInAstralSet(code, astralIdentifierStartCodes);\n}\n\nfunction isIdentifierChar(code) {\n if (code < 48) return code
=== 36;\n if (code < 58) return true;\n if (code < 65) return false;\n if (code <= 90) return true;\n if (code < 97)
return code === 95;\n if (code <= 122) return true;\n\n if (code <= 0xffff) {\n return code >= 0xaa &&
nonASCIIIdentifier.test(String.fromCharCode(code));\n }\n\n return isInAstralSet(code, astralIdentifierStartCodes)
|| isInAstralSet(code, astralIdentifierCodes);\n}\n\nfunction isIdentifierName(name) {\n let isFirst = true;\n\n for
(let i = 0; i < name.length; i++) {\n let cp = name.charCodeAtAt(i);\n\n if ((cp & 0xfc00) === 0xd800 && i + 1 <
name.length) {\n const trail = name.charCodeAtAt(++i);\n\n if ((trail & 0xfc00) === 0xdc00) {\n cp =
0x10000 + ((cp & 0x3ff) << 10) + (trail & 0x3ff);\n }\n }\n\n if (isFirst) {\n isFirst = false;\n\n if
(!isIdentifierStart(cp)) {\n return false;\n }\n } else if (!isIdentifierChar(cp)) {\n return false;\n }\n
}\n\n return !isFirst;\n}\n\n"use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value:
true\n});\n\nexports.isReservedWord = isReservedWord;\n\nexports.isStrictReservedWord =
isStrictReservedWord;\n\nexports.isStrictBindOnlyReservedWord =
isStrictBindOnlyReservedWord;\n\nexports.isStrictBindReservedWord =
isStrictBindReservedWord;\n\nexports.isKeyword = isKeyword;\n\nconst reservedWords = {\n keyword: ["break",
"case", "catch", "continue", "debugger", "default", "do", "else", "finally", "for", "function", "if",
"return", "switch", "throw", "try", "var", "const", "while", "with", "new", "this", "super", "class",
"extends", "export", "import", "null", "true", "false", "in", "instanceof", "typeof", "void", "delete"],\n
strict: ["implements", "interface", "let", "package", "private", "protected", "public", "static", "yield"],\n
strictBind: ["eval", "arguments"]\n};\n\nconst keywords = new Set(reservedWords.keyword);\n\nconst
reservedWordsStrictSet = new Set(reservedWords.strict);\n\nconst reservedWordsStrictBindSet = new
Set(reservedWords.strictBind);\n\nfunction isReservedWord(word, inModule) {\n return inModule && word ===
"await" || word === "enum";\n}\n\nfunction isStrictReservedWord(word, inModule) {\n return
isReservedWord(word, inModule) || reservedWordsStrictSet.has(word);\n}\n\nfunction
isStrictBindOnlyReservedWord(word) {\n return reservedWordsStrictBindSet.has(word);\n}\n\nfunction
isStrictBindReservedWord(word, inModule) {\n return isStrictReservedWord(word, inModule) ||
isStrictBindOnlyReservedWord(word);\n}\n\nfunction isKeyword(word) {\n return keywords.has(word);\n}\n\n"use
strict";\n\nvar _utils = _interopRequireWildcard(require("./utils")); \n\nfunction _getRequireWildcardCache() { if
(typeof WeakMap !== "function") return null; var cache = new WeakMap(); _getRequireWildcardCache =
function () { return cache; }; return cache; }\n\nfunction _interopRequireWildcard(obj) { if (obj &&
obj.__esModule) { return obj; } if (obj === null || typeof obj !== "object" && typeof obj !== "function") { return
{ default: obj }; } var cache = _getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); }
var newObj = {}; var hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for
(var key in obj) { if (Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }\n\nconst defineInterfaceishType = (name, typeParameterType =
"TypeParameterDeclaration") => {\n (0, _utils.default)(name, {\n builder: ["id", "typeParameters",
"extends", "body"],\n visitor: ["id", "typeParameters", "extends", "mixins", "implements", "body"],\n

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aliases: [\Flow\, \FlowDeclaration\, \Statement\, \Declaration\],\n fields: {\n id: (0,
_utils.validateType)(\Identifier\),\n typeParameters: (0, _utils.validateOptionalType)(typeParameterType),\n
extends: (0, _utils.validateOptional)((0, _utils.arrayOfType)(\InterfaceExtends\)),\n mixins: (0,
_utils.validateOptional)((0, _utils.arrayOfType)(\InterfaceExtends\)),\n implements: (0,
_utils.validateOptional)((0, _utils.arrayOfType)(\ClassImplements\)),\n body: (0,
_utils.validateType)(\ObjectTypeAnnotation\)\n }n });\n\n(0, _utils.default)(\AnyTypeAnnotation\, {\n
aliases: [\Flow\, \FlowType\, \FlowBaseAnnotation\]n });\n\n(0, _utils.default)(\ArrayTypeAnnotation\, {\n
visitor: [\elementType\],\n aliases: [\Flow\, \FlowType\],\n fields: {\n elementType: (0,
_utils.validateType)(\FlowType\)\n }n });\n\n(0, _utils.default)(\BooleanTypeAnnotation\, {\n aliases: [\Flow\,
\FlowType\, \FlowBaseAnnotation\]n });\n\n(0, _utils.default)(\BooleanLiteralTypeAnnotation\, {\n builder:
[\value\],\n aliases: [\Flow\, \FlowType\],\n fields: {\n value: (0, _utils.validate)((0,
_utils.assertValueType)(\boolean\))\n }n });\n\n(0, _utils.default)(\NullLiteralTypeAnnotation\, {\n aliases:
[\Flow\, \FlowType\, \FlowBaseAnnotation\]n });\n\n(0, _utils.default)(\ClassImplements\, {\n visitor: [\id\,
\typeParameters\],\n aliases: [\Flow\],\n fields: {\n id: (0, _utils.validateType)(\Identifier\),\n
typeParameters: (0, _utils.validateOptionalType)(\TypeParameterInstantiation\)\n
}n });\n\n(0, _utils.default)(\DeclareClass\, {\n visitor: [\id\],\n
aliases: [\Flow\, \FlowDeclaration\, \Statement\, \Declaration\],\n fields: {\n id: (0,
_utils.validateType)(\Identifier\),\n predicate: (0, _utils.validateOptionalType)(\DeclaredPredicate\)\n
}n });\n\n(0, _utils.default)(\DeclareFunction\, {\n visitor: [\id\],\n
aliases: [\Flow\, \FlowDeclaration\, \Statement\, \Declaration\],\n fields: {\n id: (0,
_utils.validateType)(\Identifier\),\n kind: (\body\, \kind\],\n visitor: [\id\, \body\],\n aliases: [\Flow\, \FlowDeclaration\, \Statement\,
\Declaration\],\n fields: {\n id: (0, _utils.validateType)(\Identifier\, \StringLiteral\]),\n body: (0,
_utils.validateType)(\BlockStatement\),\n kind: (0, _utils.validateOptional)((0,
_utils.assertOneOf)(\CommonJS\, \ES\))\n }n });\n\n(0, _utils.default)(\DeclareModuleExports\, {\n visitor:
[\typeAnnotation\],\n aliases: [\Flow\, \FlowDeclaration\, \Statement\, \Declaration\],\n fields: {\n
typeAnnotation: (0, _utils.validateType)(\TypeAnnotation\)\n }n });\n\n(0, _utils.default)(\DeclareTypeAlias\, {\n
visitor: [\id\, \typeParameters\, \right\],\n aliases: [\Flow\, \FlowDeclaration\, \Statement\,
\Declaration\],\n fields: {\n id: (0, _utils.validateType)(\Identifier\),\n typeParameters: (0,
_utils.validateOptionalType)(\TypeParameterDeclaration\),\n right: (0, _utils.validateType)(\FlowType\)\n
}n });\n\n(0, _utils.default)(\DeclareOpaqueType\, {\n visitor: [\id\, \typeParameters\, \supertype\],\n aliases:
[\Flow\, \FlowDeclaration\, \Statement\, \Declaration\],\n fields: {\n id: (0,
_utils.validateType)(\Identifier\),\n typeParameters: (0,
_utils.validateOptionalType)(\TypeParameterDeclaration\),\n supertype: (0,
_utils.validateOptionalType)(\FlowType\)\n }n });\n\n(0, _utils.default)(\DeclareVariable\, {\n visitor: [\id\],\n
aliases: [\Flow\, \FlowDeclaration\, \Statement\, \Declaration\],\n fields: {\n id: (0,
_utils.validateType)(\Identifier\)\n }n });\n\n(0, _utils.default)(\DeclareExportDeclaration\, {\n visitor:
[\declaration\, \specifiers\, \source\],\n aliases: [\Flow\, \FlowDeclaration\, \Statement\,
\Declaration\],\n fields: {\n declaration: (0, _utils.validateOptionalType)(\Flow\),\n specifiers: (0,
_utils.validateOptional)((0, _utils.arrayOfType)([\ExportSpecifier\, \ExportNamespaceSpecifier\])),\n source:
(0, _utils.validateOptionalType)(\StringLiteral\),\n default: (0, _utils.validateOptional)((0,
_utils.assertValueType)(\boolean\))\n }n });\n\n(0, _utils.default)(\DeclareExportAllDeclaration\, {\n visitor:
[\source\],\n aliases: [\Flow\, \FlowDeclaration\, \Statement\, \Declaration\],\n fields: {\n source: (0,
_utils.validateType)(\StringLiteral\),\n exportKind: (0, _utils.validateOptional)((0, _utils.assertOneOf)(\type\,
\value\))\n }n });\n\n(0, _utils.default)(\DeclaredPredicate\, {\n visitor: [\value\],\n aliases: [\Flow\,
\FlowPredicate\],\n fields: {\n value: (0, _utils.validateType)(\Flow\)\n }n });\n\n(0,
_utils.default)(\ExistsTypeAnnotation\, {\n aliases: [\Flow\, \FlowType\]n });\n\n(0,
_utils.default)(\FunctionTypeAnnotation\, {\n visitor: [\typeParameters\, \params\, \rest\, \returnType\],\n
aliases: [\Flow\, \FlowType\],\n fields: {\n typeParameters: (0,
_utils.validateOptionalType)(\TypeParameterDeclaration\),\n params: (0, _utils.validate)((0,

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_utils.arrayOfType)("FunctionTypeParam"),\n  rest: (0, _utils.validateOptionalType)("FunctionTypeParam"),\n  returnType: (0, _utils.validateType)("FlowType")\n  }));\n(0, _utils.default)("FunctionTypeParam", {\n  visitor: ["name", "typeAnnotation"],\n  aliases: ["Flow"],\n  fields: {\n    name: (0, _utils.validateOptionalType)("Identifier"),\n    typeAnnotation: (0, _utils.validateType)("FlowType"),\n    optional: (0, _utils.validateOptional)((0, _utils.assertValueType)("boolean"))\n  });\n(0, _utils.default)("GenericTypeAnnotation", {\n  visitor: ["id", "typeParameters"],\n  aliases: ["Flow", "FlowType"],\n  fields: {\n    id: (0, _utils.validateType)("Identifier", "QualifiedTypeIdentifier"),\n    typeParameters: (0, _utils.validateOptionalType)("TypeParameterInstantiation")\n  });\n(0, _utils.default)("InferredPredicate", {\n  aliases: ["Flow", "FlowPredicate"]\n});\n(0, _utils.default)("InterfaceExtends", {\n  visitor: ["id", "typeParameters"],\n  aliases: ["Flow"],\n  fields: {\n    id: (0, _utils.validateType)("Identifier", "QualifiedTypeIdentifier"),\n    typeParameters: (0, _utils.validateOptionalType)("TypeParameterInstantiation")\n  });\n}\n);\n\ndefineInterfaceishType("InterfaceDeclaration");\n(0, _utils.default)("InterfaceTypeAnnotation", {\n  visitor: ["extends", "body"],\n  aliases: ["Flow", "FlowType"],\n  fields: {\n    extends: (0, _utils.validateOptional)((0, _utils.arrayOfType)("InterfaceExtends")),\n    body: (0, _utils.validateType)("ObjectTypeAnnotation")\n  });\n(0, _utils.default)("IntersectionTypeAnnotation", {\n  visitor: ["types"],\n  aliases: ["Flow", "FlowType"],\n  fields: {\n    types: (0, _utils.validate)((0, _utils.arrayOfType)("FlowType"))\n  });\n(0, _utils.default)("MixedTypeAnnotation", {\n  aliases: ["Flow", "FlowType", "FlowBaseAnnotation"]\n});\n(0, _utils.default)("EmptyTypeAnnotation", {\n  aliases: ["Flow", "FlowType", "FlowBaseAnnotation"]\n});\n(0, _utils.default)("NullableTypeAnnotation", {\n  visitor: ["typeAnnotation"],\n  aliases: ["Flow", "FlowType"],\n  fields: {\n    typeAnnotation: (0, _utils.validateType)("FlowType")\n  });\n(0, _utils.default)("NumberLiteralTypeAnnotation", {\n  builder: ["value"],\n  aliases: ["Flow", "FlowType"],\n  fields: {\n    value: (0, _utils.validate)((0, _utils.assertValueType)("number"))\n  });\n(0, _utils.default)("NumberTypeAnnotation", {\n  aliases: ["Flow", "FlowType", "FlowBaseAnnotation"]\n});\n(0, _utils.default)("ObjectTypeAnnotation", {\n  visitor: ["properties", "indexers", "callProperties", "internalSlots"],\n  aliases: ["Flow", "FlowType"],\n  builder: ["properties", "indexers", "callProperties", "internalSlots", "exact"],\n  fields: {\n    properties: (0, _utils.validate)((0, _utils.arrayOfType)("ObjectTypeProperty", "ObjectTypeSpreadProperty")),\n    indexers: (0, _utils.validateOptional)((0, _utils.arrayOfType)("ObjectTypeIndexer")),\n    callProperties: (0, _utils.validateOptional)((0, _utils.arrayOfType)("ObjectTypeCallProperty")),\n    internalSlots: (0, _utils.validateOptional)((0, _utils.arrayOfType)("ObjectTypeInternalSlot")),\n    exact: {\n      validate: (0, _utils.assertValueType)("boolean"),\n      default: false\n    },\n    inexact: (0, _utils.validateOptional)((0, _utils.assertValueType)("boolean"))\n  });\n(0, _utils.default)("ObjectTypeInternalSlot", {\n  visitor: ["id", "value", "optional", "static", "method"],\n  aliases: ["Flow", "UserWhitespacable"],\n  fields: {\n    id: (0, _utils.validateType)("Identifier"),\n    value: (0, _utils.validateType)("FlowType"),\n    optional: (0, _utils.validate)((0, _utils.assertValueType)("boolean")),\n    static: (0, _utils.validate)((0, _utils.assertValueType)("boolean")),\n    method: (0, _utils.validate)((0, _utils.assertValueType)("boolean"))\n  });\n(0, _utils.default)("ObjectTypeCallProperty", {\n  visitor: ["value"],\n  aliases: ["Flow", "UserWhitespacable"],\n  fields: {\n    value: (0, _utils.validateType)("FlowType"),\n    static: (0, _utils.validate)((0, _utils.assertValueType)("boolean"))\n  });\n(0, _utils.default)("ObjectTypeIndexer", {\n  visitor: ["id", "key", "value", "variance"],\n  aliases: ["Flow", "UserWhitespacable"],\n  fields: {\n    id: (0, _utils.validateOptionalType)("Identifier"),\n    key: (0, _utils.validateType)("FlowType"),\n    value: (0, _utils.validateType)("FlowType"),\n    static: (0, _utils.validate)((0, _utils.assertValueType)("boolean")),\n    variance: (0, _utils.validateOptionalType)("Variance")\n  });\n(0, _utils.default)("ObjectTypeProperty", {\n  visitor: ["key", "value", "variance"],\n  aliases: ["Flow", "UserWhitespacable"],\n  fields: {\n    key: (0, _utils.validateType)("Identifier", "StringLiteral"),\n    value: (0, _utils.validateType)("FlowType"),\n    kind: (0, _utils.validate)((0, _utils.assertOneOf("init", "get", "set"))),\n    static: (0, _utils.validate)((0, _utils.assertValueType)("boolean")),\n    proto: (0, _utils.validate)((0, _utils.assertValueType)("boolean")),

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optional: (0, _utils.validate)((0, _utils.assertValueType)("boolean")), \n variance: (0,
_utils.validateOptionalType)("Variance")\n }n});\n(0, _utils.default)("ObjectTypeSpreadProperty", { \n visitor:
["argument"], \n aliases: ["Flow", "UserWhitespacable"], \n fields: { \n argument: (0,
_utils.validateType)("FlowType")\n }n});\n(0, _utils.default)("OpaqueType", { \n visitor: ["id",
"typeParameters", "supertype", "impltype"], \n aliases: ["Flow", "FlowDeclaration", "Statement",
"Declaration"], \n fields: { \n id: (0, _utils.validateType)("Identifier"), \n typeParameters: (0,
_utils.validateOptionalType)("TypeParameterDeclaration"), \n supertype: (0,
_utils.validateOptionalType)("FlowType"), \n impltype: (0, _utils.validateType)("FlowType")\n }n});\n(0,
_utils.default)("QualifiedTypeIdentifier", { \n visitor: ["id", "qualification"], \n aliases: ["Flow"], \n fields: { \n
id: (0, _utils.validateType)("Identifier"), \n qualification: (0, _utils.validateType)("Identifier",
"QualifiedTypeIdentifier")\n }n});\n(0, _utils.default)("StringLiteralTypeAnnotation", { \n builder:
["value"], \n aliases: ["Flow", "FlowType"], \n fields: { \n value: (0, _utils.validate)((0,
_utils.assertValueType)("string"))\n }n});\n(0, _utils.default)("StringTypeAnnotation", { \n aliases: ["Flow",
"FlowType", "FlowBaseAnnotation"]\n });\n(0, _utils.default)("SymbolTypeAnnotation", { \n aliases: ["Flow",
"FlowType", "FlowBaseAnnotation"]\n });\n(0, _utils.default)("ThisTypeAnnotation", { \n aliases: ["Flow",
"FlowType", "FlowBaseAnnotation"]\n });\n(0, _utils.default)("TupleTypeAnnotation", { \n visitor:
["types"], \n aliases: ["Flow", "FlowType"], \n fields: { \n types: (0, _utils.validate)((0,
_utils.arrayOfType)("FlowType"))\n }n});\n(0, _utils.default)("TypeofTypeAnnotation", { \n visitor:
["argument"], \n aliases: ["Flow", "FlowType"], \n fields: { \n argument: (0,
_utils.validateType)("FlowType")\n }n});\n(0, _utils.default)("TypeAlias", { \n visitor: ["id",
"typeParameters", "right"], \n aliases: ["Flow", "FlowDeclaration", "Statement", "Declaration"], \n fields:
{ \n id: (0, _utils.validateType)("Identifier"), \n typeParameters: (0,
_utils.validateOptionalType)("TypeParameterDeclaration"), \n right: (0, _utils.validateType)("FlowType")\n
}n});\n(0, _utils.default)("TypeAnnotation", { \n aliases: ["Flow"], \n visitor: ["typeAnnotation"], \n fields: { \n
typeAnnotation: (0, _utils.validateType)("FlowType")\n }n});\n(0, _utils.default)("TypeCastExpression", { \n
visitor: ["expression", "typeAnnotation"], \n aliases: ["Flow", "ExpressionWrapper", "Expression"], \n fields:
{ \n expression: (0, _utils.validateType)("Expression"), \n typeAnnotation: (0,
_utils.validateType)("TypeAnnotation")\n }n});\n(0, _utils.default)("TypeParameter", { \n aliases: ["Flow"], \n
visitor: ["bound", "default", "variance"], \n fields: { \n name: (0, _utils.validate)((0,
_utils.assertValueType)("string")), \n bound: (0, _utils.validateOptionalType)("TypeAnnotation"), \n default:
(0, _utils.validateOptionalType)("FlowType"), \n variance: (0, _utils.validateOptionalType)("Variance")\n
}n});\n(0, _utils.default)("TypeParameterDeclaration", { \n aliases: ["Flow"], \n visitor: ["params"], \n fields:
{ \n params: (0, _utils.validate)((0, _utils.arrayOfType)("TypeParameter"))\n }n});\n(0,
_utils.default)("TypeParameterInstantiation", { \n aliases: ["Flow"], \n visitor: ["params"], \n fields: { \n
params: (0, _utils.validate)((0, _utils.arrayOfType)("FlowType"))\n }n});\n(0,
_utils.default)("UnionTypeAnnotation", { \n visitor: ["types"], \n aliases: ["Flow", "FlowType"], \n fields: { \n
types: (0, _utils.validate)((0, _utils.arrayOfType)("FlowType"))\n }n});\n(0, _utils.default)("Variance", { \n
aliases: ["Flow"], \n builder: ["kind"], \n fields: { \n kind: (0, _utils.validate)((0, _utils.assertOneOf)("minus",
"plus"))\n }n});\n(0, _utils.default)("VoidTypeAnnotation", { \n aliases: ["Flow", "FlowType",
"FlowBaseAnnotation"]\n });\n(0, _utils.default)("EnumDeclaration", { \n aliases: ["Statement",
"Declaration"], \n visitor: ["id", "body"], \n fields: { \n id: (0, _utils.validateType)("Identifier"), \n body: (0,
_utils.validateType)(["EnumBooleanBody", "EnumNumberBody", "EnumStringBody",
"EnumSymbolBody"])\n }n});\n(0, _utils.default)("EnumBooleanBody", { \n aliases: ["EnumBody"], \n
visitor: ["members"], \n fields: { \n explicit: (0, _utils.validate)((0, _utils.assertValueType)("boolean")), \n
members: (0, _utils.validateArrayOfType)("EnumBooleanMember")\n }n});\n(0,
_utils.default)("EnumNumberBody", { \n aliases: ["EnumBody"], \n visitor: ["members"], \n fields: { \n
explicit: (0, _utils.validate)((0, _utils.assertValueType)("boolean")), \n members: (0,
_utils.validateArrayOfType)("EnumNumberMember")\n }n});\n(0, _utils.default)("EnumStringBody", { \n

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aliases: ["EnumBody"],\n visitor: ["members"],\n fields: {\n  explicit: (0, _utils.validate)((0,
_utils.assertValueType)("boolean")), \n  members: (0, _utils.validateArrayOfType)(["EnumStringMember",
"EnumDefaultedMember"])\n  }\n});\n(0, _utils.default)("EnumSymbolBody", {\n  aliases: ["EnumBody"],\n  visitor: ["members"],\n  fields: {\n    members: (0, _utils.validateArrayOfType)("EnumDefaultedMember")\n  }\n});\n(0, _utils.default)("EnumBooleanMember", {\n  aliases: ["EnumMember"],\n  visitor: ["id"],\n  fields:
{\n    id: (0, _utils.validateType)("Identifier"),\n    init: (0, _utils.validateType)("BooleanLiteral")\n  }\n});\n(0,
_utils.default)("EnumNumberMember", {\n  aliases: ["EnumMember"],\n  visitor: ["id", "init"],\n  fields: {\n
id: (0, _utils.validateType)("Identifier"),\n    init: (0, _utils.validateType)("NumericLiteral")\n  }\n});\n(0,
_utils.default)("EnumStringMember", {\n  aliases: ["EnumMember"],\n  visitor: ["id", "init"],\n  fields: {\n
id: (0, _utils.validateType)("Identifier"),\n    init: (0, _utils.validateType)("StringLiteral")\n  }\n});\n(0,
_utils.default)("EnumDefaultedMember", {\n  aliases: ["EnumMember"],\n  visitor: ["id"],\n  fields: {\n  id: (0,
_utils.validateType)("Identifier")\n  }\n});";\n\n"use strict";\n\nvar _utils =
_interopRequireWildcard(require("./utils")); \n\nfunction _getRequireWildcardCache() { if (typeof WeakMap !==
"function") return null; var cache = new WeakMap(); _getRequireWildcardCache = function () { return cache; };
return cache; }\n\nfunction _interopRequireWildcard(obj) { if (obj && obj.__esModule) { return obj; } if (obj ===
null || typeof obj !== "object" && typeof obj !== "function") { return { default: obj }; } var cache =
_getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var
hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }\n\n(0, _utils.default)("JSXAttribute", {\n  visitor: ["name",
"value"],\n  aliases: ["JSX", "Immutable"],\n  fields: {\n    name: {\n      validate: (0,
_utils.assertNodeType)("JSXIdentifier", "JSXNamespacedName")\n    },\n    value: {\n      optional: true,\n
validate: (0, _utils.assertNodeType)("JSXElement", "JSXFragment", "StringLiteral",
"JSXExpressionContainer")\n    }\n  }\n});\n(0, _utils.default)("JSXClosingElement", {\n  visitor: ["name"],\n
aliases: ["JSX", "Immutable"],\n  fields: {\n    name: {\n      validate: (0, _utils.assertNodeType)("JSXIdentifier",
"JSXMemberExpression", "JSXNamespacedName")\n    }\n  }\n});\n(0, _utils.default)("JSXElement", {\n
builder: ["openingElement", "closingElement", "children", "selfClosing"],\n  visitor: ["openingElement",
"children", "closingElement"],\n  aliases: ["JSX", "Immutable", "Expression"],\n  fields: {\n
openingElement: {\n      validate: (0, _utils.assertNodeType)("JSXOpeningElement")\n    },\n    closingElement:
{\n      optional: true,\n      validate: (0, _utils.assertNodeType)("JSXClosingElement")\n    },\n    children: {\n
validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("JSXText", "JSXExpressionContainer", "JSXSpreadChild", "JSXElement",
"JSXFragment")))\n    },\n    selfClosing: {\n      validate: (0, _utils.assertValueType)("boolean"),\n      optional:
true\n    }\n  }\n});\n(0, _utils.default)("JSXEmptyExpression", {\n  aliases: ["JSX"]\n});\n(0,
_utils.default)("JSXExpressionContainer", {\n  visitor: ["expression"],\n  aliases: ["JSX", "Immutable"],\n
fields: {\n    expression: {\n      validate: (0, _utils.assertNodeType)("Expression", "JSXEmptyExpression")\n    }\n
}\n});\n(0, _utils.default)("JSXSpreadChild", {\n  visitor: ["expression"],\n  aliases: ["JSX",
"Immutable"],\n  fields: {\n    expression: {\n      validate: (0, _utils.assertNodeType)("Expression")\n    }\n
}\n});\n(0, _utils.default)("JSXIdentifier", {\n  builder: ["name"],\n  aliases: ["JSX"],\n  fields: {\n    name: {\n
validate: (0, _utils.assertValueType)("string")\n    }\n  }\n});\n(0, _utils.default)("JSXMemberExpression", {\n
visitor: ["object", "property"],\n  aliases: ["JSX"],\n  fields: {\n    object: {\n      validate: (0,
_utils.assertNodeType)("JSXMemberExpression", "JSXIdentifier")\n    },\n    property: {\n      validate: (0,
_utils.assertNodeType)("JSXIdentifier")\n    }\n  }\n});\n(0, _utils.default)("JSXNamespacedName", {\n  visitor:
["namespace", "name"],\n  aliases: ["JSX"],\n  fields: {\n    namespace: {\n      validate: (0,
_utils.assertNodeType)("JSXIdentifier")\n    },\n    name: {\n      validate: (0,
_utils.assertNodeType)("JSXIdentifier")\n    }\n  }\n});\n(0, _utils.default)("JSXOpeningElement", {\n  builder:

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["name", "attributes", "selfClosing"],\n visitor: ["name", "attributes"],\n aliases: ["JSX", "Immutable"],\n
fields: {\n name: {\n validate: (0, _utils.assertNodeType)("JSXIdentifier", "JSXMemberExpression",
"JSXNamespacedName")\n },\n selfClosing: {\n default: false\n },\n attributes: {\n validate: (0,
_utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("JSXAttribute", "JSXSpreadAttribute")))\n },\n typeParameters: {\n validate: (0,
_utils.assertNodeType)("TypeParameterInstantiation", "TSTypeParameterInstantiation"),\n optional: true\n
}\n });\n(0, _utils.default)("JSXSpreadAttribute", {\n visitor: ["argument"],\n aliases: ["JSX"],\n fields: {\n
argument: {\n validate: (0, _utils.assertNodeType)("Expression")\n }\n });\n(0,
_utils.default)("JSXText", {\n aliases: ["JSX", "Immutable"],\n builder: ["value"],\n fields: {\n value: {\n
validate: (0, _utils.assertValueType)("string")\n }\n });\n(0, _utils.default)("JSXFragment", {\n builder:
["openingFragment", "closingFragment", "children"],\n visitor: ["openingFragment", "children",
"closingFragment"],\n aliases: ["JSX", "Immutable", "Expression"],\n fields: {\n openingFragment: {\n
validate: (0, _utils.assertNodeType)("JSXOpeningFragment")\n },\n closingFragment: {\n validate: (0,
_utils.assertNodeType)("JSXClosingFragment")\n },\n children: {\n validate: (0, _utils.chain)((0,
_utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("JSXText",
"JSXExpressionContainer", "JSXSpreadChild", "JSXElement", "JSXFragment")))\n }\n });\n(0,
_utils.default)("JSXOpeningFragment", {\n aliases: ["JSX", "Immutable"]\n });\n(0,
_utils.default)("JSXClosingFragment", {\n aliases: ["JSX", "Immutable"]\n });";"use strict";\n\nvar _utils =
_interopRequireWildcard(require("./utils"));
\n\nvar _placeholders = require("./placeholders");
\n\nfunction
_getRequireWildcardCache() { if (typeof WeakMap !== "function") return null; var cache = new WeakMap();
_getRequireWildcardCache = function () { return cache; }; return cache; }
\n\nfunction
_interopRequireWildcard(obj) { if (obj && obj.__esModule) { return obj; } if (obj === null || typeof obj !==
"object" && typeof obj !== "function") { return { default: obj }; } var cache = _getRequireWildcardCache(); if
(cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var hasPropertyDescriptor =
Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }
\n\n(0, _utils.default)("Noop", {\n visitor: []\n });\n(0,
_utils.default)("Placeholder", {\n visitor: [],\n builder: ["expectedNode", "name"],\n fields: {\n name: {\n
validate: (0, _utils.assertNodeType)("Identifier")\n },\n expectedNode: {\n validate: (0,
_utils.assertOneOf(..._placeholders.PLACEHOLDERS)\n }\n });\n(0, _utils.default)("V8IntrinsicIdentifier",
{\n builder: ["name"],\n fields: {\n name: {\n validate: (0, _utils.assertValueType)("string")\n }\n
}\n });";"use strict";\n\nvar _utils = _interopRequireWildcard(require("./utils"));
\n\nvar _core =
require("./core");
\n\nfunction _getRequireWildcardCache() { if (typeof WeakMap !== "function") return null; var
cache = new WeakMap(); _getRequireWildcardCache = function () { return cache; }; return cache; }
\n\nfunction
_interopRequireWildcard(obj) { if (obj && obj.__esModule) { return obj; } if (obj === null || typeof obj !==
"object" && typeof obj !== "function") { return { default: obj }; } var cache = _getRequireWildcardCache(); if
(cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var hasPropertyDescriptor =
Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }
\n\n(0, _utils.default)("ArgumentPlaceholder", {});\n(0,
_utils.default)("BindExpression", {\n visitor: ["object", "callee"],\n aliases: ["Expression"],\n fields:
!process.env.BABEL_TYPES_8_BREAKING ? {\n object: {\n validate: Object.assign(=> {}, {\n
oneOfNodeTypes: ["Expression"]\n })\n },\n callee: {\n validate: Object.assign(=> {}, {\n
oneOfNodeTypes: ["Expression"]\n })\n }\n } : {\n object: {\n validate: (0,

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_utils.assertNodeType)("Expression")\n }},\n callee: {\n validate: (0,
_utils.assertNodeType)("Expression")\n }},\n }));\n(0, _utils.default)("ClassProperty", {\n visitor: [{"key",
"value", "typeAnnotation", "decorators"}],\n builder: [{"key", "value", "typeAnnotation", "decorators",
"computed", "static"}],\n aliases: ["Property"],\n fields: Object.assign({},
_core.classMethodOrPropertyCommon, {\n value: {\n validate: (0, _utils.assertNodeType)("Expression"),\n
optional: true\n }},\n definite: {\n validate: (0, _utils.assertValueType)("boolean"),\n optional: true\n
},\n typeAnnotation: {\n validate: (0, _utils.assertNodeType)("TypeAnnotation", "TSTypeAnnotation",
"Noop"),\n optional: true\n }},\n decorators: {\n validate: (0, _utils.chain)((0,
_utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("Decorator"))),\n optional:
true\n }},\n readonly: {\n validate: (0, _utils.assertValueType)("boolean"),\n optional: true\n }},\n
declare: {\n validate: (0, _utils.assertValueType)("boolean"),\n optional: true\n }},\n }));\n(0,
_utils.default)("PipelineTopicExpression", {\n builder: ["expression"],\n visitor: ["expression"],\n fields: {\n
expression: {\n validate: (0, _utils.assertNodeType)("Expression")\n }},\n }));\n(0,
_utils.default)("PipelineBareFunction", {\n builder: ["callee"],\n visitor: ["callee"],\n fields: {\n callee: {\n
validate: (0, _utils.assertNodeType)("Expression")\n }},\n }));\n(0,
_utils.default)("PipelinePrimaryTopicReference", {\n aliases: ["Expression"]});\n(0,
_utils.default)("ClassPrivateProperty", {\n visitor: [{"key", "value", "decorators"}],\n builder: [{"key",
"value", "decorators", "static"}],\n aliases: ["Property", "Private"],\n fields: {\n key: {\n validate: (0,
_utils.assertNodeType)("PrivateName")\n }},\n value: {\n validate: (0,
_utils.assertNodeType)("Expression"),\n optional: true\n }},\n decorators: {\n validate: (0,
_utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("Decorator"))),\n optional: true\n }},\n }));\n(0,
_utils.default)("ClassPrivateMethod", {\n builder: [{"kind", "key", "params", "body", "static"}],\n visitor:
["key", "params", "body", "decorators", "returnType", "typeParameters"],\n aliases: ["Function",
"Scopable", "BlockParent", "FunctionParent", "Method", "Private"],\n fields: Object.assign({},
_core.classMethodOrDeclareMethodCommon, _core.functionTypeAnnotationCommon, {\n key: {\n validate:
(0, _utils.assertNodeType)("PrivateName")\n }},\n body: {\n validate: (0,
_utils.assertNodeType)("BlockStatement")\n }},\n }));\n(0, _utils.default)("ImportAttribute", {\n visitor:
["key", "value"],\n fields: {\n key: {\n validate: (0, _utils.assertNodeType)("Identifier", "StringLiteral")\n
},\n value: {\n validate: (0, _utils.assertNodeType)("StringLiteral")\n }},\n }));\n(0,
_utils.default)("Decorator", {\n visitor: ["expression"],\n fields: {\n expression: {\n validate: (0,
_utils.assertNodeType)("Expression")\n }},\n }));\n(0, _utils.default)("DoExpression", {\n visitor:
["body"],\n aliases: ["Expression"],\n fields: {\n body: {\n validate: (0,
_utils.assertNodeType)("BlockStatement")\n }},\n }));\n(0, _utils.default)("ExportDefaultSpecifier", {\n
visitor: ["exported"],\n aliases: ["ModuleSpecifier"],\n fields: {\n exported: {\n validate: (0,
_utils.assertNodeType)("Identifier")\n }},\n }));\n(0, _utils.default)("PrivateName", {\n visitor: ["id"],\n
aliases: ["Private"],\n fields: {\n id: {\n validate: (0, _utils.assertNodeType)("Identifier")\n }},\n
}));\n(0, _utils.default)("RecordExpression", {\n visitor: ["properties"],\n aliases: ["Expression"],\n fields: {\n
properties: {\n validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("ObjectProperty", "SpreadElement"))),\n }},\n }));\n(0,
_utils.default)("TupleExpression", {\n fields: {\n elements: {\n validate: (0, _utils.chain)((0,
_utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("Expression",
"SpreadElement"))),\n default: []\n }},\n visitor: ["elements"],\n aliases: ["Expression"]});\n(0,
_utils.default)("DecimalLiteral", {\n builder: ["value"],\n fields: {\n value: {\n validate: (0,
_utils.assertValueType)("string")\n }},\n aliases: ["Expression", "Pureish", "Literal",
"Immutable"]});\n(0, _utils.default)("StaticBlock", {\n visitor: ["body"],\n fields: {\n body: {\n validate:
(0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("Statement"))),\n }},\n aliases: ["Scopable", "BlockParent"]});";\n"use

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strict";\n\nvar _utils = _interopRequireWildcard(require("./utils")); \n\nvar _core = require("./core"); \n\nfunction
_getRequireWildcardCache() { if (typeof WeakMap !== "function") return null; var cache = new WeakMap();
_getRequireWildcardCache = function () { return cache; }; return cache; } \n\nfunction
_interopRequireWildcard(obj) { if (obj && obj.__esModule) { return obj; } if (obj === null || typeof obj !==
"object" && typeof obj !== "function") { return { default: obj }; } var cache = _getRequireWildcardCache(); if
(cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var hasPropertyDescriptor =
Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; } \n\nconst bool = (0, _utils.assertValueType)("boolean"); \n\nconst
tSFunctionTypeAnnotationCommon = { \n  returnType: { \n    validate: (0,
_utils.assertNodeType)("TSTypeAnnotation", "Noop"), \n    optional: true \n }, \n  typeParameters: { \n    validate:
(0, _utils.assertNodeType)("TSTypeParameterDeclaration", "Noop"), \n    optional: true \n } \n}; \n\n(0,
_utils.default)("TSParameterProperty", { \n  aliases: ["LVAl"], \n  visitor: ["parameter"], \n  fields: { \n
accessibility: { \n    validate: (0, _utils.assertOneOf)("public", "private", "protected"), \n    optional: true \n
}, \n  readonly: { \n    validate: (0, _utils.assertValueType)("boolean"), \n    optional: true \n }, \n  parameter:
{ \n    validate: (0, _utils.assertNodeType)("Identifier", "AssignmentPattern") \n } \n } \n}); \n\n(0,
_utils.default)("TSDeclareFunction", { \n  aliases: ["Statement", "Declaration"], \n  visitor: ["id",
"typeParameters", "params", "returnType"], \n  fields: Object.assign({}, _core.functionDeclarationCommon,
tSFunctionTypeAnnotationCommon) \n}); \n\n(0, _utils.default)("TSDeclareMethod", { \n  visitor: ["decorators",
"key", "typeParameters", "params", "returnType"], \n  fields: Object.assign({},
_core.classMethodOrDeclareMethodCommon, tSFunctionTypeAnnotationCommon) \n}); \n\n(0,
_utils.default)("TSQualifiedName", { \n  aliases: ["TSEntityName"], \n  visitor: ["left", "right"], \n  fields: { \n
left: (0, _utils.validateType)("TSEntityName"), \n  right: (0, _utils.validateType)("Identifier") \n } \n}); \n\nconst
signatureDeclarationCommon = { \n  typeParameters: (0,
_utils.validateOptionalType)("TSTypeParameterDeclaration"), \n  parameters: (0,
_utils.validateArrayOfType)("Identifier", "RestElement"), \n  typeAnnotation: (0,
_utils.validateOptionalType)("TSTypeAnnotation") \n}; \n\nconst callConstructSignatureDeclaration = { \n  aliases:
["TSTypeElement"], \n  visitor: ["typeParameters", "parameters", "typeAnnotation"], \n  fields:
signatureDeclarationCommon \n}; \n\n(0, _utils.default)("TSCallSignatureDeclaration",
callConstructSignatureDeclaration); \n\n(0, _utils.default)("TSConstructSignatureDeclaration",
callConstructSignatureDeclaration); \n\nconst namedTypeElementCommon = { \n  key: (0,
_utils.validateType)("Expression"), \n  computed: (0, _utils.validate)(bool), \n  optional: (0,
_utils.validateOptional)(bool) \n}; \n\n(0, _utils.default)("TSPropertySignature", { \n  aliases: ["TSTypeElement"], \n
visitor: ["key", "typeAnnotation", "initializer"], \n  fields: Object.assign({}, namedTypeElementCommon, { \n
readonly: (0, _utils.validateOptional)(bool), \n  typeAnnotation: (0,
_utils.validateOptionalType)("TSTypeAnnotation"), \n  initializer: (0,
_utils.validateOptionalType)("Expression") \n } \n}); \n\n(0, _utils.default)("TSMethodSignature", { \n  aliases:
["TSTypeElement"], \n  visitor: ["key", "typeParameters", "parameters", "typeAnnotation"], \n  fields:
Object.assign({}, signatureDeclarationCommon, namedTypeElementCommon) \n}); \n\n(0,
_utils.default)("TSIndexSignature", { \n  aliases: ["TSTypeElement"], \n  visitor: ["parameters",
"typeAnnotation"], \n  fields: { \n  readonly: (0, _utils.validateOptional)(bool), \n  parameters: (0,
_utils.validateArrayOfType)("Identifier"), \n  typeAnnotation: (0,
_utils.validateOptionalType)("TSTypeAnnotation") \n } \n}); \n\nconst tsKeywordTypes = ["TSAnyKeyword",
"TSBooleanKeyword", "TSBigIntKeyword", "TSIntrinsicKeyword", "TSNeverKeyword",
"TSNullKeyword", "TSNumberKeyword", "TSObjectKeyword", "TSStringKeyword",
"TSSymbolKeyword", "TSUndefinedKeyword", "TSUnknownKeyword", "TSVoidKeyword"]; \n\nfor (const

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type of tsKeywordTypes) {\n (0, _utils.default)(type, {\n aliases: ["TSType", "TSBaseType"],\n visitor: [],\n fields: {} }n });\n\n(0, _utils.default)(\n"TSThisType", {\n aliases: ["TSType", "TSBaseType"],\n visitor: [],\n fields: {} }n});\n\nconst fnOrCtr = {\n aliases: ["TSType"],\n visitor: ["typeParameters", "parameters",\n "typeAnnotation"],\n fields: signatureDeclarationCommon\n};\n\n(0, _utils.default)(\n"TSFunctionType",\n fnOrCtr);\n\n(0, _utils.default)(\n"TSConstructorType", fnOrCtr);\n\n(0, _utils.default)(\n"TSTypeReference", {\n aliases: ["TSType"],\n visitor: ["typeName", "typeParameters"],\n fields: {\n typeName: (0,\n _utils.validateType)(\n"TSEntityName"),\n typeParameters: (0,\n _utils.validateOptionalType)(\n"TSTypeParameterInstantiation")\n }n});\n\n(0, _utils.default)(\n"TSTypePredicate",\n {\n aliases: ["TSType"],\n visitor: ["parameterName", "typeAnnotation"],\n builder: ["parameterName",\n "typeAnnotation", "asserts"],\n fields: {\n parameterName: (0, _utils.validateType)(\n"Identifier",\n "TSThisType"),\n typeAnnotation: (0, _utils.validateOptionalType)(\n"TSTypeAnnotation"),\n asserts: (0,\n _utils.validateOptional)(bool)\n }n});\n\n(0, _utils.default)(\n"TSTypeQuery", {\n aliases: ["TSType"],\n visitor:\n ["exprName"],\n fields: {\n exprName: (0, _utils.validateType)(\n"TSEntityName",\n "TSImportType")\n }n});\n\n(0, _utils.default)(\n"TSTypeLiteral", {\n aliases: ["TSType"],\n visitor: ["members"],\n fields: {\n members: (0, _utils.validateArrayOfType)(\n"TSTypeElement")\n }n});\n\n(0, _utils.default)(\n"TSArrayType", {\n aliases: ["TSType"],\n visitor: ["elementType"],\n fields: {\n elementType: (0,\n _utils.validateType)(\n"TSType")\n }n});\n\n(0, _utils.default)(\n"TSTupleType", {\n aliases: ["TSType"],\n visitor: ["elementTypes"],\n fields: {\n elementTypes: (0, _utils.validateArrayOfType)(\n"TSType",\n "TSNamedTupleMember")\n }n});\n\n(0, _utils.default)(\n"TSOptionalType", {\n aliases: ["TSType"],\n visitor:\n ["typeAnnotation"],\n fields: {\n typeAnnotation: (0, _utils.validateType)(\n"TSType")\n }n});\n\n(0,\n _utils.default)(\n"TSRestType", {\n aliases: ["TSType"],\n visitor: ["typeAnnotation"],\n fields: {\n typeAnnotation: (0, _utils.validateType)(\n"TSType")\n }n});\n\n(0, _utils.default)(\n"TSNamedTupleMember", {\n visitor: ["label", "elementType"],\n builder: ["label", "elementType", "optional"],\n fields: {\n label: (0,\n _utils.validateType)(\n"Identifier"),\n optional: {\n validate: bool,\n default: false\n },\n elementType: (0,\n _utils.validateType)(\n"TSType")\n }n});\n\nconst unionOrIntersection = {\n aliases: ["TSType"],\n visitor:\n ["types"],\n fields: {\n types: (0, _utils.validateArrayOfType)(\n"TSType")\n }n});\n\n(0,\n _utils.default)(\n"TSUnionType", unionOrIntersection);\n\n(0, _utils.default)(\n"TSIntersectionType",\n unionOrIntersection);\n\n(0, _utils.default)(\n"TSConditionalType", {\n aliases: ["TSType"],\n visitor:\n ["checkType", "extendsType", "trueType", "falseType"],\n fields: {\n checkType: (0,\n _utils.validateType)(\n"TSType"),\n extendsType: (0, _utils.validateType)(\n"TSType"),\n trueType: (0,\n _utils.validateType)(\n"TSType"),\n falseType: (0, _utils.validateType)(\n"TSType")\n }n});\n\n(0,\n _utils.default)(\n"TSInferType", {\n aliases: ["TSType"],\n visitor: ["typeParameter"],\n fields: {\n typeParameter: (0, _utils.validateType)(\n"TSTypeParameter")\n }n});\n\n(0,\n _utils.default)(\n"TSParenthesizedType", {\n aliases: ["TSType"],\n visitor: ["typeAnnotation"],\n fields: {\n typeAnnotation: (0, _utils.validateType)(\n"TSType")\n }n});\n\n(0, _utils.default)(\n"TSTypeOperator", {\n aliases:\n ["TSType"],\n visitor: ["typeAnnotation"],\n fields: {\n operator: (0, _utils.validate)(0,\n _utils.assertValueType)("string"),\n typeAnnotation: (0, _utils.validateType)(\n"TSType")\n }n});\n\n(0,\n _utils.default)(\n"TSIndexedAccessType", {\n aliases: ["TSType"],\n visitor: ["objectType", "indexType"],\n fields: {\n objectType: (0, _utils.validateType)(\n"TSType"),\n indexType: (0,\n _utils.validateType)(\n"TSType")\n }n});\n\n(0, _utils.default)(\n"TSMappedType", {\n aliases: ["TSType"],\n visitor: ["typeParameter", "typeAnnotation", "nameType"],\n fields: {\n readonly: (0,\n _utils.validateOptional)(bool),\n typeParameter: (0, _utils.validateType)(\n"TSTypeParameter"),\n optional: (0,\n _utils.validateOptional)(bool),\n typeAnnotation: (0, _utils.validateOptionalType)(\n"TSType"),\n nameType: (0,\n _utils.validateOptionalType)(\n"TSType")\n }n});\n\n(0, _utils.default)(\n"TSLiteralType", {\n aliases: ["TSType",\n "TSBaseType"],\n visitor: ["literal"],\n fields: {\n literal: (0, _utils.validateType)(\n"NumericLiteral",\n "StringLiteral", "BooleanLiteral", "BigIntLiteral")\n }n});\n\n(0,\n _utils.default)(\n"TSExpressionWithTypeArguments", {\n aliases: ["TSType"],\n visitor: ["expression",\n "typeParameters"],\n fields: {\n expression: (0, _utils.validateType)(\n"TSEntityName"),\n typeParameters: (0,

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_utils.validateOptionalType)("TSTypeParameterInstantiation")\n }n});n(0,
_utils.default)("TSInterfaceDeclaration", {n aliases: ["Statement", "Declaration"],n visitor: ["id",
"typeParameters", "extends", "body"],n fields: {n declare: (0, _utils.validateOptional)(bool),n id: (0,
_utils.validateType)("Identifier"),n typeParameters: (0,
_utils.validateOptionalType)("TSTypeParameterDeclaration"),n extends: (0, _utils.validateOptional)((0,
_utils.arrayOfType)("TSExpressionWithTypeArguments")),n body: (0,
_utils.validateType)("TSInterfaceBody")\n }n});n(0, _utils.default)("TSInterfaceBody", {n visitor:
["body"],n fields: {n body: (0, _utils.validateArrayOfType)("TSTypeElement")\n }n});n(0,
_utils.default)("TSTypeAliasDeclaration", {n aliases: ["Statement", "Declaration"],n visitor: ["id",
"typeParameters", "typeAnnotation"],n fields: {n declare: (0, _utils.validateOptional)(bool),n id: (0,
_utils.validateType)("Identifier"),n typeParameters: (0,
_utils.validateOptionalType)("TSTypeParameterDeclaration"),n typeAnnotation: (0,
_utils.validateType)("TSType")\n }n});n(0, _utils.default)("TSAsExpression", {n aliases: ["Expression"],n
visitor: ["expression", "typeAnnotation"],n fields: {n expression: (0, _utils.validateType)("Expression"),n
typeAnnotation: (0, _utils.validateType)("TSType")\n }n});n(0, _utils.default)("TSTypeAssertion", {n aliases:
["Expression"],n visitor: ["typeAnnotation", "expression"],n fields: {n typeAnnotation: (0,
_utils.validateType)("TSType"),n expression: (0, _utils.validateType)("Expression")\n }n});n(0,
_utils.default)("TSEnumDeclaration", {n aliases: ["Statement", "Declaration"],n visitor: ["id",
"members"],n fields: {n declare: (0, _utils.validateOptional)(bool),n const: (0,
_utils.validateOptional)(bool),n id: (0, _utils.validateType)("Identifier"),n members: (0,
_utils.validateArrayOfType)("TSEnumMember"),n initializer: (0,
_utils.validateOptionalType)("Expression")\n }n});n(0, _utils.default)("TSEnumMember", {n visitor: ["id",
"initializer"],n fields: {n id: (0, _utils.validateType)(["Identifier", "StringLiteral"]),n initializer: (0,
_utils.validateOptionalType)("Expression")\n }n});n(0, _utils.default)("TSMODULEDECLARATION", {n aliases:
["Statement", "Declaration"],n visitor: ["id", "body"],n fields: {n declare: (0,
_utils.validateOptional)(bool),n global: (0, _utils.validateOptional)(bool),n id: (0,
_utils.validateType)(["Identifier", "StringLiteral"]),n body: (0, _utils.validateType)(["TSMODULEBLOCK",
"TSMODULEDECLARATION"])\n }n});n(0, _utils.default)("TSMODULEBLOCK", {n aliases: ["Scopable", "Block",
"BlockParent"],n visitor: ["body"],n fields: {n body: (0, _utils.validateArrayOfType)("Statement")\n
}n});n(0, _utils.default)("TSImportType", {n aliases: ["TSType"],n visitor: ["argument", "qualifier",
"typeParameters"],n fields: {n argument: (0, _utils.validateType)("StringLiteral"),n qualifier: (0,
_utils.validateOptionalType)("TSEntityName"),n typeParameters: (0,
_utils.validateOptionalType)("TSTypeParameterInstantiation")\n }n});n(0,
_utils.default)("TSImportEqualsDeclaration", {n aliases: ["Statement"],n visitor: ["id",
"moduleReference"],n fields: {n isExport: (0, _utils.validate)(bool),n id: (0,
_utils.validateType)("Identifier"),n moduleReference: (0, _utils.validateType)(["TSEntityName",
"TSExternalModuleReference"])\n }n});n(0, _utils.default)("TSExternalModuleReference", {n visitor:
["expression"],n fields: {n expression: (0, _utils.validateType)("StringLiteral")\n }n});n(0,
_utils.default)("TSNonNullExpression", {n aliases: ["Expression"],n visitor: ["expression"],n fields: {n
expression: (0, _utils.validateType)("Expression")\n }n});n(0, _utils.default)("TSExportAssignment", {n
aliases: ["Statement"],n visitor: ["expression"],n fields: {n expression: (0,
_utils.validateType)("Expression")\n }n});n(0, _utils.default)("TSNamespaceExportDeclaration", {n aliases:
["Statement"],n visitor: ["id"],n fields: {n id: (0, _utils.validateType)("Identifier")\n }n});n(0,
_utils.default)("TSTypeAnnotation", {n visitor: ["typeAnnotation"],n fields: {n typeAnnotation: {n
validate: (0, _utils.assertNodeType)("TSType")\n }n }n});n(0,
_utils.default)("TSTypeParameterInstantiation", {n visitor: ["params"],n fields: {n params: {n validate:
(0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("TSType")))\n }n }n});n(0, _utils.default)("TSTypeParameterDeclaration", {n

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visitor: [{"params"}],\n fields: {\n  params: {\n    validate: (0, _utils.chain)((0, _utils.assertValueType)("array"),
(0, _utils.assertEach)((0, _utils.assertNodeType)("TSTypeParameter")))\n  }\n }\n});\n(0,
_utils.default)("TSTypeParameter", {\n  builder: [{"constraint"}, {"default"}, {"name"}],\n  visitor: [{"constraint"},
{"default"}],\n  fields: {\n    name: {\n      validate: (0, _utils.assertValueType)("string")\n    },\n    constraint: {\n
validate: (0, _utils.assertNodeType)("TSType"),\n    optional: true\n  },\n    default: {\n      validate: (0,
_utils.assertNodeType)("TSType"),\n    optional: true\n  }\n }\n});","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\nexports.default =
assertNode;\n\nvar _isNode = _interopRequireDefault(require("../validators/isNode"));
\n\nfunction
_interopRequireDefault(obj) { return obj && obj.__esModule ? obj : { default: obj }; }\n\nfunction
assertNode(node) {\n  if (!(0, _isNode.default)(node)) {\n    var _node$type;\n\n    const type = (_node$type = node
== null ? void 0 : node.type) != null ? _node$type : JSON.stringify(node);\n    throw new TypeError(`Not a valid
node of type \`${type}``);\n  }\n  }","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value:
true\n});\nexports.assertArrayExpression = assertArrayExpression;\nexports.assertAssignmentExpression =
assertAssignmentExpression;\nexports.assertBinaryExpression =
assertBinaryExpression;\nexports.assertInterpreterDirective = assertInterpreterDirective;\nexports.assertDirective =
assertDirective;\nexports.assertDirectiveLiteral = assertDirectiveLiteral;\nexports.assertBlockStatement =
assertBlockStatement;\nexports.assertBreakStatement = assertBreakStatement;\nexports.assertCallExpression =
assertCallExpression;\nexports.assertCatchClause = assertCatchClause;\nexports.assertConditionalExpression =
assertConditionalExpression;\nexports.assertContinueStatement =
assertContinueStatement;\nexports.assertDebuggerStatement =
assertDebuggerStatement;\nexports.assertDoWhileStatement =
assertDoWhileStatement;\nexports.assertEmptyStatement =
assertEmptyStatement;\nexports.assertExpressionStatement = assertExpressionStatement;\nexports.assertFile =
assertFile;\nexports.assertForInStatement = assertForInStatement;\nexports.assertForStatement =
assertForStatement;\nexports.assertFunctionDeclaration =
assertFunctionDeclaration;\nexports.assertFunctionExpression = assertFunctionExpression;\nexports.assertIdentifier
= assertIdentifier;\nexports.assertIfStatement = assertIfStatement;\nexports.assertLabeledStatement =
assertLabeledStatement;\nexports.assertStringLiteral = assertStringLiteral;\nexports.assertNumericLiteral =
assertNumericLiteral;\nexports.assertNullLiteral = assertNullLiteral;\nexports.assertBooleanLiteral =
assertBooleanLiteral;\nexports.assertRegExpLiteral = assertRegExpLiteral;\nexports.assertLogicalExpression =
assertLogicalExpression;\nexports.assertMemberExpression =
assertMemberExpression;\nexports.assertNewExpression = assertNewExpression;\nexports.assertProgram =
assertProgram;\nexports.assertObjectExpression = assertObjectExpression;\nexports.assertObjectMethod =
assertObjectMethod;\nexports.assertObjectProperty = assertObjectProperty;\nexports.assertRestElement =
assertRestElement;\nexports.assertReturnStatement = assertReturnStatement;\nexports.assertSequenceExpression =
assertSequenceExpression;\nexports.assertParenthesizedExpression =
assertParenthesizedExpression;\nexports.assertSwitchCase = assertSwitchCase;\nexports.assertSwitchStatement =
assertSwitchStatement;\nexports.assertThisExpression = assertThisExpression;\nexports.assertThrowStatement =
assertThrowStatement;\nexports.assertTryStatement = assertTryStatement;\nexports.assertUnaryExpression =
assertUnaryExpression;\nexports.assertUpdateExpression =
assertUpdateExpression;\nexports.assertVariableDeclaration =
assertVariableDeclaration;\nexports.assertVariableDeclarator =
assertVariableDeclarator;\nexports.assertWhileStatement = assertWhileStatement;\nexports.assertWithStatement =
assertWithStatement;\nexports.assertAssignmentPattern = assertAssignmentPattern;\nexports.assertArrayPattern =
assertArrayPattern;\nexports.assertArrowFunctionExpression =
assertArrowFunctionExpression;\nexports.assertClassBody = assertClassBody;\nexports.assertClassExpression =
assertClassExpression;\nexports.assertClassDeclaration =
assertClassDeclaration;\nexports.assertExportAllDeclaration =

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assertExportAllDeclaration;\nexports.assertExportDefaultDeclaration =
assertExportDefaultDeclaration;\nexports.assertExportNamedDeclaration =
assertExportNamedDeclaration;\nexports.assertExportSpecifier =
assertExportSpecifier;\nexports.assertForOfStatement = assertForOfStatement;\nexports.assertImportDeclaration =
assertImportDeclaration;\nexports.assertImportDefaultSpecifier =
assertImportDefaultSpecifier;\nexports.assertImportNamespaceSpecifier =
assertImportNamespaceSpecifier;\nexports.assertImportSpecifier =
assertImportSpecifier;\nexports.assertMetaProperty = assertMetaProperty;\nexports.assertClassMethod =
assertClassMethod;\nexports.assertObjectPattern = assertObjectPattern;\nexports.assertSpreadElement =
assertSpreadElement;\nexports.assertSuper = assertSuper;\nexports.assertTaggedTemplateExpression =
assertTaggedTemplateExpression;\nexports.assertTemplateElement =
assertTemplateElement;\nexports.assertTemplateLiteral = assertTemplateLiteral;\nexports.assertYieldExpression =
assertYieldExpression;\nexports.assertAwaitExpression = assertAwaitExpression;\nexports.assertImport =
assertImport;\nexports.assertBigIntLiteral = assertBigIntLiteral;\nexports.assertExportNamespaceSpecifier =
assertExportNamespaceSpecifier;\nexports.assertOptionalMemberExpression =
assertOptionalMemberExpression;\nexports.assertOptionalCallExpression =
assertOptionalCallExpression;\nexports.assertAnyTypeAnnotation =
assertAnyTypeAnnotation;\nexports.assertArrayTypeAnnotation =
assertArrayTypeAnnotation;\nexports.assertBooleanTypeAnnotation =
assertBooleanTypeAnnotation;\nexports.assertBooleanLiteralTypeAnnotation =
assertBooleanLiteralTypeAnnotation;\nexports.assertNullLiteralTypeAnnotation =
assertNullLiteralTypeAnnotation;\nexports.assertClassImplements =
assertClassImplements;\nexports.assertDeclareClass = assertDeclareClass;\nexports.assertDeclareFunction =
assertDeclareFunction;\nexports.assertDeclareInterface = assertDeclareInterface;\nexports.assertDeclareModule =
assertDeclareModule;\nexports.assertDeclareModuleExports =
assertDeclareModuleExports;\nexports.assertDeclareTypeAlias =
assertDeclareTypeAlias;\nexports.assertDeclareOpaqueType =
assertDeclareOpaqueType;\nexports.assertDeclareVariable =
assertDeclareVariable;\nexports.assertDeclareExportDeclaration =
assertDeclareExportDeclaration;\nexports.assertDeclareExportAllDeclaration =
assertDeclareExportAllDeclaration;\nexports.assertDeclaredPredicate =
assertDeclaredPredicate;\nexports.assertExistsTypeAnnotation =
assertExistsTypeAnnotation;\nexports.assertFunctionTypeAnnotation =
assertFunctionTypeAnnotation;\nexports.assertFunctionTypeParam =
assertFunctionTypeParam;\nexports.assertGenericTypeAnnotation =
assertGenericTypeAnnotation;\nexports.assertInferredPredicate =
assertInferredPredicate;\nexports.assertInterfaceExtends =
assertInterfaceExtends;\nexports.assertInterfaceDeclaration =
assertInterfaceDeclaration;\nexports.assertInterfaceTypeAnnotation =
assertInterfaceTypeAnnotation;\nexports.assertIntersectionTypeAnnotation =
assertIntersectionTypeAnnotation;\nexports.assertMixedTypeAnnotation =
assertMixedTypeAnnotation;\nexports.assertEmptyTypeAnnotation =
assertEmptyTypeAnnotation;\nexports.assertNullableTypeAnnotation =
assertNullableTypeAnnotation;\nexports.assertNumberLiteralTypeAnnotation =
assertNumberLiteralTypeAnnotation;\nexports.assertNumberTypeAnnotation =
assertNumberTypeAnnotation;\nexports.assertObjectTypeAnnotation =
assertObjectTypeAnnotation;\nexports.assertObjectTypeInternalSlot =
assertObjectTypeInternalSlot;\nexports.assertObjectTypeCallProperty =

assertObjectTypeCallProperty;\nexports.assertObjectTypeIndexer =
assertObjectTypeIndexer;\nexports.assertObjectTypeProperty =
assertObjectTypeProperty;\nexports.assertObjectTypeSpreadProperty =
assertObjectTypeSpreadProperty;\nexports.assertOpaqueType =
assertOpaqueType;\nexports.assertQualifiedTypeIdentifier =
assertQualifiedTypeIdentifier;\nexports.assertStringLiteralTypeAnnotation =
assertStringLiteralTypeAnnotation;\nexports.assertStringTypeAnnotation =
assertStringTypeAnnotation;\nexports.assertSymbolTypeAnnotation =
assertSymbolTypeAnnotation;\nexports.assertThisTypeAnnotation =
assertThisTypeAnnotation;\nexports.assertTupleTypeAnnotation =
assertTupleTypeAnnotation;\nexports.assertTypeofTypeAnnotation =
assertTypeofTypeAnnotation;\nexports.assertTypeAlias = assertTypeAlias;\nexports.assertTypeAnnotation =
assertTypeAnnotation;\nexports.assertTypeCastExpression =
assertTypeCastExpression;\nexports.assertTypeParameter =
assertTypeParameter;\nexports.assertTypeParameterDeclaration =
assertTypeParameterDeclaration;\nexports.assertTypeParameterInstantiation =
assertTypeParameterInstantiation;\nexports.assertUnionTypeAnnotation =
assertUnionTypeAnnotation;\nexports.assertVariance = assertVariance;\nexports.assertVoidTypeAnnotation =
assertVoidTypeAnnotation;\nexports.assertEnumDeclaration =
assertEnumDeclaration;\nexports.assertEnumBooleanBody =
assertEnumBooleanBody;\nexports.assertEnumNumberBody =
assertEnumNumberBody;\nexports.assertEnumStringBody =
assertEnumStringBody;\nexports.assertEnumSymbolBody =
assertEnumSymbolBody;\nexports.assertEnumBooleanMember =
assertEnumBooleanMember;\nexports.assertEnumNumberMember =
assertEnumNumberMember;\nexports.assertEnumStringMember =
assertEnumStringMember;\nexports.assertEnumDefaultedMember =
assertEnumDefaultedMember;\nexports.assertJSXAttribute =
assertJSXAttribute;\nexports.assertJSXClosingElement = assertJSXClosingElement;\nexports.assertJSXElement =
assertJSXElement;\nexports.assertJSXEmptyExpression =
assertJSXEmptyExpression;\nexports.assertJSXExpressionContainer =
assertJSXExpressionContainer;\nexports.assertJSXSpreadChild =
assertJSXSpreadChild;\nexports.assertJSXIdentifier = assertJSXIdentifier;\nexports.assertJSXMemberExpression =
assertJSXMemberExpression;\nexports.assertJSXNamespacedName =
assertJSXNamespacedName;\nexports.assertJSXOpeningElement =
assertJSXOpeningElement;\nexports.assertJSXSpreadAttribute = assertJSXSpreadAttribute;\nexports.assertJSXText =
assertJSXText;\nexports.assertJSXFragment = assertJSXFragment;\nexports.assertJSXOpeningFragment =
assertJSXOpeningFragment;\nexports.assertJSXClosingFragment =
assertJSXClosingFragment;\nexports.assertNoop = assertNoop;\nexports.assertPlaceholder =
assertPlaceholder;\nexports.assertV8IntrinsicIdentifier =
assertV8IntrinsicIdentifier;\nexports.assertArgumentPlaceholder =
assertArgumentPlaceholder;\nexports.assertBindExpression = assertBindExpression;\nexports.assertClassProperty =
assertClassProperty;\nexports.assertPipelineTopicExpression =
assertPipelineTopicExpression;\nexports.assertPipelineBareFunction =
assertPipelineBareFunction;\nexports.assertPipelinePrimaryTopicReference =
assertPipelinePrimaryTopicReference;\nexports.assertClassPrivateProperty =
assertClassPrivateProperty;\nexports.assertClassPrivateMethod =
assertClassPrivateMethod;\nexports.assertImportAttribute = assertImportAttribute;\nexports.assertDecorator =

assertDecorator;\nexports.assertDoExpression = assertDoExpression;\nexports.assertExportDefaultSpecifier =
assertExportDefaultSpecifier;\nexports.assertPrivateName = assertPrivateName;\nexports.assertRecordExpression =
assertRecordExpression;\nexports.assertTupleExpression = assertTupleExpression;\nexports.assertDecimalLiteral =
assertDecimalLiteral;\nexports.assertStaticBlock = assertStaticBlock;\nexports.assertTSParameterProperty =
assertTSParameterProperty;\nexports.assertTSDeclareFunction =
assertTSDeclareFunction;\nexports.assertTSDeclareMethod =
assertTSDeclareMethod;\nexports.assertTSQualifiedName =
assertTSQualifiedName;\nexports.assertTSCallSignatureDeclaration =
assertTSCallSignatureDeclaration;\nexports.assertTSConstructSignatureDeclaration =
assertTSConstructSignatureDeclaration;\nexports.assertTSPropertySignature =
assertTSPropertySignature;\nexports.assertTSMethodSignature =
assertTSMethodSignature;\nexports.assertTSIndexSignature =
assertTSIndexSignature;\nexports.assertTSAnyKeyword =
assertTSAnyKeyword;\nexports.assertTSBooleanKeyword =
assertTSBooleanKeyword;\nexports.assertTSBigIntKeyword =
assertTSBigIntKeyword;\nexports.assertTSIntrinsicKeyword =
assertTSIntrinsicKeyword;\nexports.assertTSNeverKeyword =
assertTSNeverKeyword;\nexports.assertTSNullKeyword =
assertTSNullKeyword;\nexports.assertTSNumberKeyword =
assertTSNumberKeyword;\nexports.assertTSObjectKeyword =
assertTSObjectKeyword;\nexports.assertTSStringKeyword =
assertTSStringKeyword;\nexports.assertTSSymbolKeyword =
assertTSSymbolKeyword;\nexports.assertTSUndefinedKeyword =
assertTSUndefinedKeyword;\nexports.assertTSUnknownKeyword =
assertTSUnknownKeyword;\nexports.assertTSVoidKeyword = assertTSVoidKeyword;\nexports.assertTSThisType =
assertTSThisType;\nexports.assertTSFunctionType = assertTSFunctionType;\nexports.assertTSConstructorType =
assertTSConstructorType;\nexports.assertTSArrayType =
assertTSArrayType;\nexports.assertTSTupleType = assertTSTupleType;\nexports.assertTSOptionalType =
assertTSOptionalType;\nexports.assertTSRestType = assertTSRestType;\nexports.assertTSNamedTupleMember =
assertTSNamedTupleMember;\nexports.assertTSUnionType =
assertTSUnionType;\nexports.assertTSIntersectionType =
assertTSIntersectionType;\nexports.assertTSConditionalType =
assertTSConditionalType;\nexports.assertTSInferType = assertTSInferType;\nexports.assertTSParenthesizedType =
assertTSParenthesizedType;\nexports.assertTSTypeOperator =
assertTSTypeOperator;\nexports.assertTSIndexedAccessType =
assertTSIndexedAccessType;\nexports.assertTSMappedType =
assertTSMappedType;\nexports.assertTSLiteralType =
assertTSLiteralType;\nexports.assertTSExpressionWithTypeArguments =
assertTSExpressionWithTypeArguments;\nexports.assertTSInterfaceDeclaration =
assertTSInterfaceDeclaration;\nexports.assertTSInterfaceBody =
assertTSInterfaceBody;\nexports.assertTSTypeAliasDeclaration =
assertTSTypeAliasDeclaration;\nexports.assertTSAsExpression =
assertTSAsExpression;\nexports.assertTSTypeAssertion =
assertTSTypeAssertion;\nexports.assertTSEnumDeclaration =
assertTSEnumDeclaration;\nexports.assertTSEnumMember =
assertTSEnumMember;\nexports.assertTSModuleDeclaration =

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assertTSMODULEDECLARATION;\nextports.assertTSMODULEBLOCK =
assertTSMODULEBLOCK;\nextports.assertTSIMPORTTYPE =
assertTSIMPORTTYPE;\nextports.assertTSIMPORTEQUALSDECLARATION =
assertTSIMPORTEQUALSDECLARATION;\nextports.assertTSEXTERNALMODULEREFERENCE =
assertTSEXTERNALMODULEREFERENCE;\nextports.assertTSNONNULLEXPRESSION =
assertTSNONNULLEXPRESSION;\nextports.assertTSEXPORTASSIGNMENT =
assertTSEXPORTASSIGNMENT;\nextports.assertTSNAMESPACEEXPORTDECLARATION =
assertTSNAMESPACEEXPORTDECLARATION;\nextports.assertTSTYPEANNOTATION =
assertTSTYPEANNOTATION;\nextports.assertTSTYPEPARAMETERINSTANTIATION =
assertTSTYPEPARAMETERINSTANTIATION;\nextports.assertTSTYPEPARAMETERDECLARATION =
assertTSTYPEPARAMETERDECLARATION;\nextports.assertTSTYPEPARAMETER =
assertTSTYPEPARAMETER;\nextports.assertEXPRESSION = assertEXPRESSION;\nextports.assertBINARY =
assertBINARY;\nextports.assertSCOPABLE = assertSCOPABLE;\nextports.assertBLOCKPARENT =
assertBLOCKPARENT;\nextports.assertBLOCK = assertBLOCK;\nextports.assertSTATEMENT =
assertSTATEMENT;\nextports.assertTERMINATORLESS = assertTERMINATORLESS;\nextports.assertCOMPLETIONSTATEMENT =
assertCOMPLETIONSTATEMENT;\nextports.assertCONDITIONAL = assertCONDITIONAL;\nextports.assertLOOP =
assertLOOP;\nextports.assertWHILE = assertWHILE;\nextports.assertEXPRESSIONWRAPPER =
assertEXPRESSIONWRAPPER;\nextports.assertFOR = assertFOR;\nextports.assertFORXSTATEMENT =
assertFORXSTATEMENT;\nextports.assertFUNCTION = assertFUNCTION;\nextports.assertFUNCTIONPARENT =
assertFUNCTIONPARENT;\nextports.assertPUREISH = assertPUREISH;\nextports.assertDECLARATION =
assertDECLARATION;\nextports.assertPATTERNLIKE = assertPATTERNLIKE;\nextports.assertLVAL =
assertLVAL;\nextports.assertTSENTITYNAME = assertTSENTITYNAME;\nextports.assertLITERAL =
assertLITERAL;\nextports.assertIMMUTABLE = assertIMMUTABLE;\nextports.assertUSERWHITESPACABLE =
assertUSERWHITESPACABLE;\nextports.assertMETHOD = assertMETHOD;\nextports.assertOBJECTMEMBER =
assertOBJECTMEMBER;\nextports.assertPROPERTY = assertPROPERTY;\nextports.assertUNARYLIKE =
assertUNARYLIKE;\nextports.assertPATTERN = assertPATTERN;\nextports.assertCLASS =
assertCLASS;\nextports.assertMODULEDECLARATION = assertMODULEDECLARATION;\nextports.assertEXPORTDECLARATION =
assertEXPORTDECLARATION;\nextports.assertMODULESPECIFIER = assertMODULESPECIFIER;\nextports.assertFLOW =
assertFLOW;\nextports.assertFLOWTYPE = assertFLOWTYPE;\nextports.assertFLOWBASEANNOTATION =
assertFLOWBASEANNOTATION;\nextports.assertFLOWDECLARATION = assertFLOWDECLARATION;\nextports.assertFLOWPREDICATE =
assertFLOWPREDICATE;\nextports.assertENUMBODY = assertENUMBODY;\nextports.assertENUMMEMBER =
assertENUMMEMBER;\nextports.assertJSX = assertJSX;\nextports.assertPRIVATE =
assertPRIVATE;\nextports.assertTSTYPEELEMENT = assertTSTYPEELEMENT;\nextports.assertTSTYPE =
assertTSTYPE;\nextports.assertTSBASETYPE = assertTSBASETYPE;\nextports.assertNUMBERLITERAL =
assertNUMBERLITERAL;\nextports.assertREGEXLITERAL = assertREGEXLITERAL;\nextports.assertRESTPROPERTY =
assertRESTPROPERTY;\nextports.assertSPREADPROPERTY = assertSPREADPROPERTY;\n\nvar _is =
_interopRequireDefault(require(\"../validators/is\"));\n\nfunction _interopRequireDefault(obj) { return obj &&
obj.__esModule ? obj : { default: obj }; }\n\nfunction assert(type, node, opts) {\n  if (!(0, _is.default)(type, node,
opts)) {\n    throw new Error(`Expected type \"${type}\" with option ${JSON.stringify(opts)}, ` + `but instead got
\"${node.type}\"`);\n  }\n}\n\nfunction assertArrayExpression(node, opts = {}) {\n  assert(\"ArrayExpression\",
node, opts);\n}\n\nfunction assertAssignmentExpression(node, opts = {}) {\n  assert(\"AssignmentExpression\",
node, opts);\n}\n\nfunction assertBinaryExpression(node, opts = {}) {\n  assert(\"BinaryExpression\", node,
opts);\n}\n\nfunction assertInterpreterDirective(node, opts = {}) {\n  assert(\"InterpreterDirective\", node,
opts);\n}\n\nfunction assertDirective(node, opts = {}) {\n  assert(\"Directive\", node, opts);\n}\n\nfunction
assertDirectiveLiteral(node, opts = {}) {\n  assert(\"DirectiveLiteral\", node, opts);\n}\n\nfunction
assertBlockStatement(node, opts = {}) {\n  assert(\"BlockStatement\", node, opts);\n}\n\nfunction
assertBreakStatement(node, opts = {}) {\n  assert(\"BreakStatement\", node, opts);\n}\n\nfunction
assertCallExpression(node, opts = {}) {\n  assert(\"CallExpression\", node, opts);\n}\n\nfunction

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assertCatchClause(node, opts = {}) {\n assert(\\"CatchClause\\", node, opts);\n}\n\nfunction
assertConditionalExpression(node, opts = {}) {\n assert(\\"ConditionalExpression\\", node, opts);\n}\n\nfunction
assertContinueStatement(node, opts = {}) {\n assert(\\"ContinueStatement\\", node, opts);\n}\n\nfunction
assertDebuggerStatement(node, opts = {}) {\n assert(\\"DebuggerStatement\\", node, opts);\n}\n\nfunction
assertDoWhileStatement(node, opts = {}) {\n assert(\\"DoWhileStatement\\", node, opts);\n}\n\nfunction
assertEmptyStatement(node, opts = {}) {\n assert(\\"EmptyStatement\\", node, opts);\n}\n\nfunction
assertExpressionStatement(node, opts = {}) {\n assert(\\"ExpressionStatement\\", node, opts);\n}\n\nfunction
assertFile(node, opts = {}) {\n assert(\\"File\\", node, opts);\n}\n\nfunction
assertForInStatement(node, opts = {}) {\n
assert(\\"ForInStatement\\", node, opts);\n}\n\nfunction
assertForStatement(node, opts = {}) {\n
assert(\\"ForStatement\\", node, opts);\n}\n\nfunction
assertFunctionDeclaration(node, opts = {}) {\n
assert(\\"FunctionDeclaration\\", node, opts);\n}\n\nfunction
assertFunctionExpression(node, opts = {}) {\n
assert(\\"FunctionExpression\\", node, opts);\n}\n\nfunction
assertIdentifier(node, opts = {}) {\n assert(\\"Identifier\\",
node, opts);\n}\n\nfunction
assertIfStatement(node, opts = {}) {\n assert(\\"IfStatement\\", node,
opts);\n}\n\nfunction
assertLabeledStatement(node, opts = {}) {\n assert(\\"LabeledStatement\\", node,
opts);\n}\n\nfunction
assertStringLiteral(node, opts = {}) {\n assert(\\"StringLiteral\\", node, opts);\n}\n\nfunction
assertNumericLiteral(node, opts = {}) {\n assert(\\"NumericLiteral\\", node, opts);\n}\n\nfunction
assertNullLiteral(node, opts = {}) {\n assert(\\"NullLiteral\\", node, opts);\n}\n\nfunction
assertBooleanLiteral(node,
opts = {}) {\n assert(\\"BooleanLiteral\\", node, opts);\n}\n\nfunction
assertRegExpLiteral(node, opts = {}) {\n
assert(\\"RegExpLiteral\\", node, opts);\n}\n\nfunction
assertLogicalExpression(node, opts = {}) {\n
assert(\\"LogicalExpression\\", node, opts);\n}\n\nfunction
assertMemberExpression(node, opts = {}) {\n
assert(\\"MemberExpression\\", node, opts);\n}\n\nfunction
assertNewExpression(node, opts = {}) {\n
assert(\\"NewExpression\\", node, opts);\n}\n\nfunction
assertProgram(node, opts = {}) {\n assert(\\"Program\\", node,
opts);\n}\n\nfunction
assertObjectExpression(node, opts = {}) {\n
assert(\\"ObjectExpression\\", node,
opts);\n}\n\nfunction
assertObjectMethod(node, opts = {}) {\n
assert(\\"ObjectMethod\\", node, opts);\n}\n\nfunction
assertObjectProperty(node, opts = {}) {\n
assert(\\"ObjectProperty\\", node, opts);\n}\n\nfunction
assertRestElement(node, opts = {}) {\n
assert(\\"RestElement\\", node, opts);\n}\n\nfunction
assertReturnStatement(node, opts = {}) {\n
assert(\\"ReturnStatement\\", node, opts);\n}\n\nfunction
assertSequenceExpression(node, opts = {}) {\n
assert(\\"SequenceExpression\\", node, opts);\n}\n\nfunction
assertParenthesizedExpression(node, opts = {}) {\n
assert(\\"ParenthesizedExpression\\", node, opts);\n}\n\nfunction
assertSwitchCase(node, opts = {}) {\n
assert(\\"SwitchCase\\", node, opts);\n}\n\nfunction
assertSwitchStatement(node, opts = {}) {\n
assert(\\"SwitchStatement\\", node, opts);\n}\n\nfunction
assertThisExpression(node, opts = {}) {\n
assert(\\"ThisExpression\\", node, opts);\n}\n\nfunction
assertThrowStatement(node, opts = {}) {\n
assert(\\"ThrowStatement\\", node, opts);\n}\n\nfunction
assertTryStatement(node, opts = {}) {\n
assert(\\"TryStatement\\", node, opts);\n}\n\nfunction
assertUnaryExpression(node, opts = {}) {\n
assert(\\"UnaryExpression\\", node, opts);\n}\n\nfunction
assertUpdateExpression(node, opts = {}) {\n
assert(\\"UpdateExpression\\", node, opts);\n}\n\nfunction
assertVariableDeclaration(node, opts = {}) {\n
assert(\\"VariableDeclaration\\", node, opts);\n}\n\nfunction
assertVariableDeclarator(node, opts = {}) {\n
assert(\\"VariableDeclarator\\", node, opts);\n}\n\nfunction
assertWhileStatement(node, opts = {}) {\n
assert(\\"WhileStatement\\", node, opts);\n}\n\nfunction
assertWithStatement(node, opts = {}) {\n
assert(\\"WithStatement\\", node, opts);\n}\n\nfunction
assertAssignmentPattern(node, opts = {}) {\n
assert(\\"AssignmentPattern\\", node, opts);\n}\n\nfunction
assertArrayPattern(node, opts = {}) {\n
assert(\\"ArrayPattern\\", node, opts);\n}\n\nfunction
assertArrowFunctionExpression(node, opts = {}) {\n
assert(\\"ArrowFunctionExpression\\", node,
opts);\n}\n\nfunction
assertClassBody(node, opts = {}) {\n
assert(\\"ClassBody\\", node, opts);\n}\n\nfunction
assertClassExpression(node, opts = {}) {\n
assert(\\"ClassExpression\\", node, opts);\n}\n\nfunction
assertClassDeclaration(node, opts = {}) {\n
assert(\\"ClassDeclaration\\", node, opts);\n}\n\nfunction
assertExportAllDeclaration(node, opts = {}) {\n
assert(\\"ExportAllDeclaration\\", node, opts);\n}\n\nfunction
assertExportDefaultDeclaration(node, opts = {}) {\n
assert(\\"ExportDefaultDeclaration\\", node,

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opts);\n}\n\nfunction assertExportNamedDeclaration(node, opts = {}) {\n  assert(\`"ExportNamedDeclaration"\`,
node, opts);\n}\n\nfunction assertExportSpecifier(node, opts = {}) {\n  assert(\`"ExportSpecifier"\`, node,
opts);\n}\n\nfunction assertForOfStatement(node, opts = {}) {\n  assert(\`"ForOfStatement"\`, node,
opts);\n}\n\nfunction assertImportDeclaration(node, opts = {}) {\n  assert(\`"ImportDeclaration"\`, node,
opts);\n}\n\nfunction assertImportDefaultSpecifier(node, opts = {}) {\n  assert(\`"ImportDefaultSpecifier"\`, node,
opts);\n}\n\nfunction assertImportNamespaceSpecifier(node, opts = {}) {\n  assert(\`"ImportNamespaceSpecifier"\`,
node, opts);\n}\n\nfunction assertImportSpecifier(node, opts = {}) {\n  assert(\`"ImportSpecifier"\`, node,
opts);\n}\n\nfunction assertMetaProperty(node, opts = {}) {\n  assert(\`"MetaProperty"\`, node, opts);\n}\n\nfunction
assertClassMethod(node, opts = {}) {\n  assert(\`"ClassMethod"\`, node, opts);\n}\n\nfunction
assertObjectPattern(node, opts = {}) {\n  assert(\`"ObjectPattern"\`, node, opts);\n}\n\nfunction
assertSpreadElement(node, opts = {}) {\n  assert(\`"SpreadElement"\`, node, opts);\n}\n\nfunction assertSuper(node,
opts = {}) {\n  assert(\`"Super"\`, node, opts);\n}\n\nfunction assertTaggedTemplateExpression(node, opts = {}) {\n
assert(\`"TaggedTemplateExpression"\`, node, opts);\n}\n\nfunction assertTemplateElement(node, opts = {}) {\n
assert(\`"TemplateElement"\`, node, opts);\n}\n\nfunction assertTemplateLiteral(node, opts = {}) {\n
assert(\`"TemplateLiteral"\`, node, opts);\n}\n\nfunction assertYieldExpression(node, opts = {}) {\n
assert(\`"YieldExpression"\`, node, opts);\n}\n\nfunction assertAwaitExpression(node, opts = {}) {\n
assert(\`"AwaitExpression"\`, node, opts);\n}\n\nfunction assertImport(node, opts = {}) {\n  assert(\`"Import"\`, node,
opts);\n}\n\nfunction assertBigIntLiteral(node, opts = {}) {\n  assert(\`"BigIntLiteral"\`, node, opts);\n}\n\nfunction
assertExportNamespaceSpecifier(node, opts = {}) {\n  assert(\`"ExportNamespaceSpecifier"\`, node,
opts);\n}\n\nfunction assertOptionalMemberExpression(node, opts = {}) {\n  assert(\`"OptionalMemberExpression"\`,
node, opts);\n}\n\nfunction assertOptionalCallExpression(node, opts = {}) {\n  assert(\`"OptionalCallExpression"\`,
node, opts);\n}\n\nfunction assertAnyTypeAnnotation(node, opts = {}) {\n  assert(\`"AnyTypeAnnotation"\`, node,
opts);\n}\n\nfunction assertArrayTypeAnnotation(node, opts = {}) {\n  assert(\`"ArrayTypeAnnotation"\`, node,
opts);\n}\n\nfunction assertBooleanTypeAnnotation(node, opts = {}) {\n  assert(\`"BooleanTypeAnnotation"\`, node,
opts);\n}\n\nfunction assertBooleanLiteralTypeAnnotation(node, opts = {}) {\n
assert(\`"BooleanLiteralTypeAnnotation"\`, node, opts);\n}\n\nfunction assertNullLiteralTypeAnnotation(node, opts =
{}) {\n  assert(\`"NullLiteralTypeAnnotation"\`, node, opts);\n}\n\nfunction assertClassImplements(node, opts = {})
{\n  assert(\`"ClassImplements"\`, node, opts);\n}\n\nfunction assertDeclareClass(node, opts = {}) {\n
assert(\`"DeclareClass"\`, node, opts);\n}\n\nfunction assertDeclareFunction(node, opts = {}) {\n
assert(\`"DeclareFunction"\`, node, opts);\n}\n\nfunction assertDeclareInterface(node, opts = {}) {\n
assert(\`"DeclareInterface"\`, node, opts);\n}\n\nfunction assertDeclareModule(node, opts = {}) {\n
assert(\`"DeclareModule"\`, node, opts);\n}\n\nfunction assertDeclareModuleExports(node, opts = {}) {\n
assert(\`"DeclareModuleExports"\`, node, opts);\n}\n\nfunction assertDeclareTypeAlias(node, opts = {}) {\n
assert(\`"DeclareTypeAlias"\`, node, opts);\n}\n\nfunction assertDeclareOpaqueType(node, opts = {}) {\n
assert(\`"DeclareOpaqueType"\`, node, opts);\n}\n\nfunction assertDeclareVariable(node, opts = {}) {\n
assert(\`"DeclareVariable"\`, node, opts);\n}\n\nfunction assertDeclareExportDeclaration(node, opts = {}) {\n
assert(\`"DeclareExportDeclaration"\`, node, opts);\n}\n\nfunction assertDeclareExportAllDeclaration(node, opts =
{}) {\n  assert(\`"DeclareExportAllDeclaration"\`, node, opts);\n}\n\nfunction assertDeclaredPredicate(node, opts =
{}) {\n  assert(\`"DeclaredPredicate"\`, node, opts);\n}\n\nfunction assertExistsTypeAnnotation(node, opts = {}) {\n
assert(\`"ExistsTypeAnnotation"\`, node, opts);\n}\n\nfunction assertFunctionTypeAnnotation(node, opts = {}) {\n
assert(\`"FunctionTypeAnnotation"\`, node, opts);\n}\n\nfunction assertFunctionTypeParam(node, opts = {}) {\n
assert(\`"FunctionTypeParam"\`, node, opts);\n}\n\nfunction assertGenericTypeAnnotation(node, opts = {}) {\n
assert(\`"GenericTypeAnnotation"\`, node, opts);\n}\n\nfunction assertInferredPredicate(node, opts = {}) {\n
assert(\`"InferredPredicate"\`, node, opts);\n}\n\nfunction assertInterfaceExtends(node, opts = {}) {\n
assert(\`"InterfaceExtends"\`, node, opts);\n}\n\nfunction assertInterfaceDeclaration(node, opts = {}) {\n
assert(\`"InterfaceDeclaration"\`, node, opts);\n}\n\nfunction assertInterfaceTypeAnnotation(node, opts = {}) {\n
assert(\`"InterfaceTypeAnnotation"\`, node, opts);\n}\n\nfunction assertIntersectionTypeAnnotation(node, opts = {})
{\n  assert(\`"IntersectionTypeAnnotation"\`, node, opts);\n}\n\nfunction assertMixedTypeAnnotation(node, opts =

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{ }) {\n assert(\"MixedTypeAnnotation\", node, opts);\n}\n\nfunction assertEmptyTypeAnnotation(node, opts = { })
{\n assert(\"EmptyTypeAnnotation\", node, opts);\n}\n\nfunction assertNullableTypeAnnotation(node, opts = { })
{\n assert(\"NullableTypeAnnotation\", node, opts);\n}\n\nfunction assertNumberLiteralTypeAnnotation(node, opts
= { }) {\n assert(\"NumberLiteralTypeAnnotation\", node, opts);\n}\n\nfunction
assertNumberTypeAnnotation(node, opts = { }) {\n assert(\"NumberTypeAnnotation\", node, opts);\n}\n\nfunction
assertObjectTypeAnnotation(node, opts = { }) {\n assert(\"ObjectTypeAnnotation\", node, opts);\n}\n\nfunction
assertObjectTypeInternalSlot(node, opts = { }) {\n assert(\"ObjectTypeInternalSlot\", node, opts);\n}\n\nfunction
assertObjectTypeCallProperty(node, opts = { }) {\n assert(\"ObjectTypeCallProperty\", node, opts);\n}\n\nfunction
assertObjectTypeIndexer(node, opts = { }) {\n assert(\"ObjectTypeIndexer\", node, opts);\n}\n\nfunction
assertObjectTypeProperty(node, opts = { }) {\n assert(\"ObjectTypeProperty\", node, opts);\n}\n\nfunction
assertObjectTypeSpreadProperty(node, opts = { }) {\n assert(\"ObjectTypeSpreadProperty\", node,
opts);\n}\n\nfunction assertOpaqueType(node, opts = { }) {\n assert(\"OpaqueType\", node, opts);\n}\n\nfunction
assertQualifiedTypeIdentifier(node, opts = { }) {\n assert(\"QualifiedTypeIdentifier\", node, opts);\n}\n\nfunction
assertStringLiteralTypeAnnotation(node, opts = { }) {\n assert(\"StringLiteralTypeAnnotation\", node,
opts);\n}\n\nfunction assertStringTypeAnnotation(node, opts = { }) {\n assert(\"StringTypeAnnotation\", node,
opts);\n}\n\nfunction assertSymbolTypeAnnotation(node, opts = { }) {\n assert(\"SymbolTypeAnnotation\", node,
opts);\n}\n\nfunction assertThisTypeAnnotation(node, opts = { }) {\n assert(\"ThisTypeAnnotation\", node,
opts);\n}\n\nfunction assertTupleTypeAnnotation(node, opts = { }) {\n assert(\"TupleTypeAnnotation\", node,
opts);\n}\n\nfunction assertTypeofTypeAnnotation(node, opts = { }) {\n assert(\"TypeofTypeAnnotation\", node,
opts);\n}\n\nfunction assertTypeAlias(node, opts = { }) {\n assert(\"TypeAlias\", node, opts);\n}\n\nfunction
assertTypeAnnotation(node, opts = { }) {\n assert(\"TypeAnnotation\", node, opts);\n}\n\nfunction
assertTypeCastExpression(node, opts = { }) {\n assert(\"TypeCastExpression\", node, opts);\n}\n\nfunction
assertTypeParameter(node, opts = { }) {\n assert(\"TypeParameter\", node, opts);\n}\n\nfunction
assertTypeParameterDeclaration(node, opts = { }) {\n assert(\"TypeParameterDeclaration\", node,
opts);\n}\n\nfunction assertTypeParameterInstantiation(node, opts = { }) {\n assert(\"TypeParameterInstantiation\",
node, opts);\n}\n\nfunction assertUnionTypeAnnotation(node, opts = { }) {\n assert(\"UnionTypeAnnotation\",
node, opts);\n}\n\nfunction assertVariance(node, opts = { }) {\n assert(\"Variance\", node, opts);\n}\n\nfunction
assertVoidTypeAnnotation(node, opts = { }) {\n assert(\"VoidTypeAnnotation\", node, opts);\n}\n\nfunction
assertEnumDeclaration(node, opts = { }) {\n assert(\"EnumDeclaration\", node, opts);\n}\n\nfunction
assertEnumBooleanBody(node, opts = { }) {\n assert(\"EnumBooleanBody\", node, opts);\n}\n\nfunction
assertEnumNumberBody(node, opts = { }) {\n assert(\"EnumNumberBody\", node, opts);\n}\n\nfunction
assertEnumStringBody(node, opts = { }) {\n assert(\"EnumStringBody\", node, opts);\n}\n\nfunction
assertEnumSymbolBody(node, opts = { }) {\n assert(\"EnumSymbolBody\", node, opts);\n}\n\nfunction
assertEnumBooleanMember(node, opts = { }) {\n assert(\"EnumBooleanMember\", node, opts);\n}\n\nfunction
assertEnumNumberMember(node, opts = { }) {\n assert(\"EnumNumberMember\", node, opts);\n}\n\nfunction
assertEnumStringMember(node, opts = { }) {\n assert(\"EnumStringMember\", node, opts);\n}\n\nfunction
assertEnumDefaultedMember(node, opts = { }) {\n assert(\"EnumDefaultedMember\", node, opts);\n}\n\nfunction
assertJSXAttribute(node, opts = { }) {\n assert(\"JSXAttribute\", node, opts);\n}\n\nfunction
assertJSXClosingElement(node, opts = { }) {\n assert(\"JSXClosingElement\", node, opts);\n}\n\nfunction
assertJSXElement(node, opts = { }) {\n assert(\"JSXElement\", node, opts);\n}\n\nfunction
assertJSXEmptyExpression(node, opts = { }) {\n assert(\"JSXEmptyExpression\", node, opts);\n}\n\nfunction
assertJSXExpressionContainer(node, opts = { }) {\n assert(\"JSXExpressionContainer\", node, opts);\n}\n\nfunction
assertJSXSpreadChild(node, opts = { }) {\n assert(\"JSXSpreadChild\", node, opts);\n}\n\nfunction
assertJSXIdentifier(node, opts = { }) {\n assert(\"JSXIdentifier\", node, opts);\n}\n\nfunction
assertJSXMemberExpression(node, opts = { }) {\n assert(\"JSXMemberExpression\", node, opts);\n}\n\nfunction
assertJSXNamespacedName(node, opts = { }) {\n assert(\"JSXNamespacedName\", node, opts);\n}\n\nfunction
assertJSXOpeningElement(node, opts = { }) {\n assert(\"JSXOpeningElement\", node, opts);\n}\n\nfunction
assertJSXSpreadAttribute(node, opts = { }) {\n assert(\"JSXSpreadAttribute\", node, opts);\n}\n\nfunction

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assertJSXText(node, opts = {}) {\n assert(\"JSXText\", node, opts);\n}\n\nfunction assertJSXFragment(node, opts =
{}) {\n assert(\"JSXFragment\", node, opts);\n}\n\nfunction assertJSXOpeningFragment(node, opts = {}) {\n
assert(\"JSXOpeningFragment\", node, opts);\n}\n\nfunction assertJSXClosingFragment(node, opts = {}) {\n
assert(\"JSXClosingFragment\", node, opts);\n}\n\nfunction assertNoop(node, opts = {}) {\n assert(\"Noop\", node,
opts);\n}\n\nfunction assertPlaceholder(node, opts = {}) {\n assert(\"Placeholder\", node, opts);\n}\n\nfunction
assertV8IntrinsicIdentifier(node, opts = {}) {\n assert(\"V8IntrinsicIdentifier\", node, opts);\n}\n\nfunction
assertArgumentPlaceholder(node, opts = {}) {\n assert(\"ArgumentPlaceholder\", node, opts);\n}\n\nfunction
assertBindExpression(node, opts = {}) {\n assert(\"BindExpression\", node, opts);\n}\n\nfunction
assertClassProperty(node, opts = {}) {\n assert(\"ClassProperty\", node, opts);\n}\n\nfunction
assertPipelineTopicExpression(node, opts = {}) {\n assert(\"PipelineTopicExpression\", node, opts);\n}\n\nfunction
assertPipelineBareFunction(node, opts = {}) {\n assert(\"PipelineBareFunction\", node, opts);\n}\n\nfunction
assertPipelinePrimaryTopicReference(node, opts = {}) {\n assert(\"PipelinePrimaryTopicReference\", node,
opts);\n}\n\nfunction assertClassPrivateProperty(node, opts = {}) {\n assert(\"ClassPrivateProperty\", node,
opts);\n}\n\nfunction assertClassPrivateMethod(node, opts = {}) {\n assert(\"ClassPrivateMethod\", node,
opts);\n}\n\nfunction assertImportAttribute(node, opts = {}) {\n assert(\"ImportAttribute\", node,
opts);\n}\n\nfunction assertDecorator(node, opts = {}) {\n assert(\"Decorator\", node, opts);\n}\n\nfunction
assertDoExpression(node, opts = {}) {\n assert(\"DoExpression\", node, opts);\n}\n\nfunction
assertExportDefaultSpecifier(node, opts = {}) {\n assert(\"ExportDefaultSpecifier\", node, opts);\n}\n\nfunction
assertPrivateName(node, opts = {}) {\n assert(\"PrivateName\", node, opts);\n}\n\nfunction
assertRecordExpression(node, opts = {}) {\n assert(\"RecordExpression\", node, opts);\n}\n\nfunction
assertTupleExpression(node, opts = {}) {\n assert(\"TupleExpression\", node, opts);\n}\n\nfunction
assertDecimalLiteral(node, opts = {}) {\n assert(\"DecimalLiteral\", node, opts);\n}\n\nfunction
assertStaticBlock(node, opts = {}) {\n assert(\"StaticBlock\", node, opts);\n}\n\nfunction
assertTSParameterProperty(node, opts = {}) {\n assert(\"TSParameterProperty\", node, opts);\n}\n\nfunction
assertTSDeclareFunction(node, opts = {}) {\n assert(\"TSDeclareFunction\", node, opts);\n}\n\nfunction
assertTSDeclareMethod(node, opts = {}) {\n assert(\"TSDeclareMethod\", node, opts);\n}\n\nfunction
assertTSQualifiedName(node, opts = {}) {\n assert(\"TSQualifiedName\", node, opts);\n}\n\nfunction
assertTSCallSignatureDeclaration(node, opts = {}) {\n assert(\"TSCallSignatureDeclaration\", node,
opts);\n}\n\nfunction assertTSConstructSignatureDeclaration(node, opts = {}) {\n
assert(\"TSConstructSignatureDeclaration\", node, opts);\n}\n\nfunction assertTSPropertySignature(node, opts = {})
{\n assert(\"TSPropertySignature\", node, opts);\n}\n\nfunction assertTSMethodSignature(node, opts = {}) {\n
assert(\"TSMethodSignature\", node, opts);\n}\n\nfunction assertTSIndexSignature(node, opts = {}) {\n
assert(\"TSIndexSignature\", node, opts);\n}\n\nfunction assertTSAnyKeyword(node, opts = {}) {\n
assert(\"TSAnyKeyword\", node, opts);\n}\n\nfunction assertTSBooleanKeyword(node, opts = {}) {\n
assert(\"TSBooleanKeyword\", node, opts);\n}\n\nfunction assertTSBigIntKeyword(node, opts = {}) {\n
assert(\"TSBigIntKeyword\", node, opts);\n}\n\nfunction assertTSIntrinsicKeyword(node, opts = {}) {\n
assert(\"TSIntrinsicKeyword\", node, opts);\n}\n\nfunction assertTSNeverKeyword(node, opts = {}) {\n
assert(\"TSNeverKeyword\", node, opts);\n}\n\nfunction assertTSNullKeyword(node, opts = {}) {\n
assert(\"TSNullKeyword\", node, opts);\n}\n\nfunction assertTSNumberKeyword(node, opts = {}) {\n
assert(\"TSNumberKeyword\", node, opts);\n}\n\nfunction assertTSObjectKeyword(node, opts = {}) {\n
assert(\"TSObjectKeyword\", node, opts);\n}\n\nfunction assertTSStringKeyword(node, opts = {}) {\n
assert(\"TSStringKeyword\", node, opts);\n}\n\nfunction assertTSSymbolKeyword(node, opts = {}) {\n
assert(\"TSSymbolKeyword\", node, opts);\n}\n\nfunction assertTSUndefinedKeyword(node, opts = {}) {\n
assert(\"TSUndefinedKeyword\", node, opts);\n}\n\nfunction assertTSUnknownKeyword(node, opts = {}) {\n
assert(\"TSUnknownKeyword\", node, opts);\n}\n\nfunction assertTSVoidKeyword(node, opts = {}) {\n
assert(\"TSVoidKeyword\", node, opts);\n}\n\nfunction assertTSThisType(node, opts = {}) {\n
assert(\"TSThisType\", node, opts);\n}\n\nfunction assertTSFunctionType(node, opts = {}) {\n
assert(\"TSFunctionType\", node, opts);\n}\n\nfunction assertTSConstructorType(node, opts = {}) {\n

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assert("TSConstructorType", node, opts);\n\nfunction assertTSTypeReference(node, opts = {}) {\n
assert("TSTypeReference", node, opts);\n\nfunction assertTSTypePredicate(node, opts = {}) {\n
assert("TSTypePredicate", node, opts);\n\nfunction assertTSTypeQuery(node, opts = {}) {\n
assert("TSTypeQuery", node, opts);\n\nfunction assertTSTypeLiteral(node, opts = {}) {\n
assert("TSTypeLiteral", node, opts);\n\nfunction assertTSArrayType(node, opts = {}) {\n
assert("TSArrayType", node, opts);\n\nfunction assertTSTupleType(node, opts = {}) {\n
assert("TSTupleType", node, opts);\n\nfunction assertTSOptionalType(node, opts = {}) {\n
assert("TSOptionalType", node, opts);\n\nfunction assertTSRestType(node, opts = {}) {\n
assert("TSRestType", node, opts);\n\nfunction assertTSNamedTupleMember(node, opts = {}) {\n
assert("TSNamedTupleMember", node, opts);\n\nfunction assertTSUnionType(node, opts = {}) {\n
assert("TSUnionType", node, opts);\n\nfunction assertTSIntersectionType(node, opts = {}) {\n
assert("TSIntersectionType", node, opts);\n\nfunction assertTSConditionalType(node, opts = {}) {\n
assert("TSConditionalType", node, opts);\n\nfunction assertTSInferType(node, opts = {}) {\n
assert("TSInferType", node, opts);\n\nfunction assertTSParenthesizedType(node, opts = {}) {\n
assert("TSParenthesizedType", node, opts);\n\nfunction assertTSTypeOperator(node, opts = {}) {\n
assert("TSTypeOperator", node, opts);\n\nfunction assertTSIndexedAccessType(node, opts = {}) {\n
assert("TSIndexedAccessType", node, opts);\n\nfunction assertTSMappedType(node, opts = {}) {\n
assert("TSMappedType", node, opts);\n\nfunction assertTSLiteralType(node, opts = {}) {\n
assert("TSLiteralType", node, opts);\n\nfunction assertTSExpressionWithTypeArguments(node, opts = {}) {\n
assert("TSExpressionWithTypeArguments", node, opts);\n\nfunction assertTSInterfaceDeclaration(node, opts =
{}) {\n
assert("TSInterfaceDeclaration", node, opts);\n\nfunction assertTSInterfaceBody(node, opts = {}) {\n
assert("TSInterfaceBody", node, opts);\n\nfunction assertTSTypeAliasDeclaration(node, opts = {}) {\n
assert("TSTypeAliasDeclaration", node, opts);\n\nfunction assertTSAsExpression(node, opts = {}) {\n
assert("TSAsExpression", node, opts);\n\nfunction assertTSTypeAssertion(node, opts = {}) {\n
assert("TSTypeAssertion", node, opts);\n\nfunction assertTSEnumDeclaration(node, opts = {}) {\n
assert("TSEnumDeclaration", node, opts);\n\nfunction assertTSEnumMember(node, opts = {}) {\n
assert("TSEnumMember", node, opts);\n\nfunction assertTSModuleDeclaration(node, opts = {}) {\n
assert("TSModuleDeclaration", node, opts);\n\nfunction assertTSModuleBlock(node, opts = {}) {\n
assert("TSModuleBlock", node, opts);\n\nfunction assertTSImportType(node, opts = {}) {\n
assert("TSImportType", node, opts);\n\nfunction assertTSImportEqualsDeclaration(node, opts = {}) {\n
assert("TSImportEqualsDeclaration", node, opts);\n\nfunction assertTSExternalModuleReference(node, opts =
{}) {\n
assert("TSExternalModuleReference", node, opts);\n\nfunction assertTSNonNullExpression(node, opts
= {}) {\n
assert("TSNonNullExpression", node, opts);\n\nfunction assertTSExportAssignment(node, opts = {})
{\n
assert("TSExportAssignment", node, opts);\n\nfunction assertTSNamespaceExportDeclaration(node, opts =
{}) {\n
assert("TSNamespaceExportDeclaration", node, opts);\n\nfunction assertTSTypeAnnotation(node, opts
= {}) {\n
assert("TSTypeAnnotation", node, opts);\n\nfunction assertTSTypeParameterInstantiation(node, opts
= {}) {\n
assert("TSTypeParameterInstantiation", node, opts);\n\nfunction
assertTSTypeParameterDeclaration(node, opts = {}) {\n
assert("TSTypeParameterDeclaration", node,
opts);\n\nfunction assertTSTypeParameter(node, opts = {}) {\n
assert("TSTypeParameter", node,
opts);\n\nfunction assertExpression(node, opts = {}) {\n
assert("Expression", node, opts);\n\nfunction
assertBinary(node, opts = {}) {\n
assert("Binary", node, opts);\n\nfunction assertScopable(node, opts = {}) {\n
assert("Scopable", node, opts);\n\nfunction assertBlockParent(node, opts = {}) {\n
assert("BlockParent",
node, opts);\n\nfunction assertBlock(node, opts = {}) {\n
assert("Block", node, opts);\n\nfunction
assertStatement(node, opts = {}) {\n
assert("Statement", node, opts);\n\nfunction assertTerminatorless(node,
opts = {}) {\n
assert("Terminatorless", node, opts);\n\nfunction assertCompletionStatement(node, opts = {})
{\n
assert("CompletionStatement", node, opts);\n\nfunction assertConditional(node, opts = {}) {\n
assert("Conditional", node, opts);\n\nfunction assertLoop(node, opts = {}) {\n
assert("Loop", node,
opts);\n\nfunction assertWhile(node, opts = {}) {\n
assert("While", node, opts);\n\nfunction

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assertExpressionWrapper(node, opts = {}) {\n assert(\`ExpressionWrapper\`, node, opts);\n}\n\nfunction
assertFor(node, opts = {}) {\n assert(\`For\`, node, opts);\n}\n\nfunction assertForXStatement(node, opts = {}) {\n
assert(\`ForXStatement\`, node, opts);\n}\n\nfunction assertFunction(node, opts = {}) {\n assert(\`Function\`, node,
opts);\n}\n\nfunction assertFunctionParent(node, opts = {}) {\n assert(\`FunctionParent\`, node,
opts);\n}\n\nfunction assertPureish(node, opts = {}) {\n assert(\`Pureish\`, node, opts);\n}\n\nfunction
assertDeclaration(node, opts = {}) {\n assert(\`Declaration\`, node, opts);\n}\n\nfunction assertPatternLike(node,
opts = {}) {\n assert(\`PatternLike\`, node, opts);\n}\n\nfunction assertLVal(node, opts = {}) {\n assert(\`LVal\`,
node, opts);\n}\n\nfunction assertTSEntityName(node, opts = {}) {\n assert(\`TSEntityName\`, node,
opts);\n}\n\nfunction assertLiteral(node, opts = {}) {\n assert(\`Literal\`, node, opts);\n}\n\nfunction
assertImmutable(node, opts = {}) {\n assert(\`Immutable\`, node, opts);\n}\n\nfunction
assertUserWhitespacable(node, opts = {}) {\n assert(\`UserWhitespacable\`, node, opts);\n}\n\nfunction
assertMethod(node, opts = {}) {\n assert(\`Method\`, node, opts);\n}\n\nfunction assertObjectMember(node, opts =
{}) {\n assert(\`ObjectMember\`, node, opts);\n}\n\nfunction assertProperty(node, opts = {}) {\n
assert(\`Property\`, node, opts);\n}\n\nfunction assertUnaryLike(node, opts = {}) {\n assert(\`UnaryLike\`, node,
opts);\n}\n\nfunction assertPattern(node, opts = {}) {\n assert(\`Pattern\`, node, opts);\n}\n\nfunction
assertClass(node, opts = {}) {\n assert(\`Class\`, node, opts);\n}\n\nfunction assertModuleDeclaration(node, opts =
{}) {\n assert(\`ModuleDeclaration\`, node, opts);\n}\n\nfunction assertExportDeclaration(node, opts = {}) {\n
assert(\`ExportDeclaration\`, node, opts);\n}\n\nfunction assertModuleSpecifier(node, opts = {}) {\n
assert(\`ModuleSpecifier\`, node, opts);\n}\n\nfunction assertFlow(node, opts = {}) {\n assert(\`Flow\`, node,
opts);\n}\n\nfunction assertFlowType(node, opts = {}) {\n assert(\`FlowType\`, node, opts);\n}\n\nfunction
assertFlowBaseAnnotation(node, opts = {}) {\n assert(\`FlowBaseAnnotation\`, node, opts);\n}\n\nfunction
assertFlowDeclaration(node, opts = {}) {\n assert(\`FlowDeclaration\`, node, opts);\n}\n\nfunction
assertFlowPredicate(node, opts = {}) {\n assert(\`FlowPredicate\`, node, opts);\n}\n\nfunction
assertEnumBody(node, opts = {}) {\n assert(\`EnumBody\`, node, opts);\n}\n\nfunction assertEnumMember(node,
opts = {}) {\n assert(\`EnumMember\`, node, opts);\n}\n\nfunction assertJSX(node, opts = {}) {\n assert(\`JSX\`,
node, opts);\n}\n\nfunction assertPrivate(node, opts = {}) {\n assert(\`Private\`, node, opts);\n}\n\nfunction
assertTSTypeElement(node, opts = {}) {\n assert(\`TSTypeElement\`, node, opts);\n}\n\nfunction
assertTSType(node, opts = {}) {\n assert(\`TSType\`, node, opts);\n}\n\nfunction assertTSBaseType(node, opts =
{}) {\n assert(\`TSBaseType\`, node, opts);\n}\n\nfunction assertNumberLiteral(node, opts) {\n
console.trace(\`The node type NumberLiteral has been renamed to NumericLiteral\`);\n assert(\`NumberLiteral\`,
node, opts);\n}\n\nfunction assertRegexLiteral(node, opts) {\n console.trace(\`The node type RegexLiteral has been
renamed to RegExpLiteral\`);\n assert(\`RegexLiteral\`, node, opts);\n}\n\nfunction assertRestProperty(node, opts)
{\n console.trace(\`The node type RestProperty has been renamed to RestElement\`);\n assert(\`RestProperty\`,
node, opts);\n}\n\nfunction assertSpreadProperty(node, opts) {\n console.trace(\`The node type SpreadProperty has
been renamed to SpreadElement\`);\n assert(\`SpreadProperty\`, node, opts);\n}, {\n "use
strict";\n\nObject.defineProperty(exports, \`__esModule\`, {\n value: true\n});\n\nexports.default =
createTypeAnnotationBasedOnTypeof;\n\nvar _generated = require(\`../generated\`);\n\nfunction
createTypeAnnotationBasedOnTypeof(type) {\n if (type === \`string\`) {\n return (0,
_generated.stringTypeAnnotation)();\n } else if (type === \`number\`) {\n return (0,
_generated.numberTypeAnnotation)();\n } else if (type === \`undefined\`) {\n return (0,
_generated.voidTypeAnnotation)();\n } else if (type === \`boolean\`) {\n return (0,
_generated.booleanTypeAnnotation)();\n } else if (type === \`function\`) {\n return (0,
_generated.genericTypeAnnotation)((0, _generated.identifier)(\`Function\`));\n } else if (type === \`object\`) {\n
return (0, _generated.genericTypeAnnotation)((0, _generated.identifier)(\`Object\`));\n } else if (type ===
\`symbol\`) {\n return (0, _generated.genericTypeAnnotation)((0, _generated.identifier)(\`Symbol\`));\n } else {\n
throw new Error(\`Invalid typeof value\`);\n }}\n\n}, {\n "use strict";\n\nObject.defineProperty(exports,
\`__esModule\`, {\n value: true\n});\n\nexports.default = createFlowUnionType;\n\nvar _generated =
require(\`../generated\`);\n\nvar _removeTypeDuplicates =

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_interopRequireDefault(require(\"../modifications/flow/removeTypeDuplicates\"));
function
_interopRequireDefault(obj) { return obj && obj.__esModule ? obj : { default: obj }; }
function
createFlowUnionType(types) {
  const flattened = (0, _removeTypeDuplicates.default)(types);
  if (flattened.length === 1) {
    return flattened[0];
  } else {
    return (0,
      _generated.unionTypeAnnotation)(flattened);
  }
}, {
  \"use strict\";
}
Object.defineProperty(exports,
  \"__esModule\", {
    value: true
  });
exports.default = createTSUnionType;
var _generated =
require(\"../generated\");
var _removeTypeDuplicates =
_interopRequireDefault(require(\"../modifications/typescript/removeTypeDuplicates\"));
function
_interopRequireDefault(obj) { return obj && obj.__esModule ? obj : { default: obj }; }
function
createTSUnionType(typeAnnotations) {
  const types = typeAnnotations.map(type => type.typeAnnotations);
  const flattened = (0, _removeTypeDuplicates.default)(types);
  if (flattened.length === 1) {
    return
    flattened[0];
  } else {
    return (0, _generated.tsUnionType)(flattened);
  }
}, {
  \"use
  strict\";
}
Object.defineProperty(exports,
  \"__esModule\", {
    value: true
  });
exports.default =
removeTypeDuplicates;
var _generated = require(\"../validators/generated\");
function
removeTypeDuplicates(nodes) {
  const generics = {};
  const bases = {};
  const typeGroups = [];
  const types
  = [];
  for (let i = 0; i < nodes.length; i++) {
    const node = nodes[i];
    if (!node) continue;
    if
    (types.indexOf(node) >= 0) {
      continue;
    }
    if ((0, _generated.isTSAnyKeyword)(node.type)) {
      return [node];
    }
    if ((0, _generated.isTSBaseType)(node)) {
      bases[node.type] = node;
      continue;
    }
    if ((0, _generated.isTSUnionType)(node)) {
      if (typeGroups.indexOf(node.types) < 0) {
        nodes =
        nodes.concat(node.types);
        typeGroups.push(node.types);
      }
      types.push(node);
    }
    for (const type of Object.keys(bases)) {
      types.push(bases[type]);
    }
    for (const
    name of Object.keys(generics)) {
      types.push(generics[name]);
    }
    return types;
  }
}, {
  \"use
  strict\";
}
Object.defineProperty(exports,
  \"__esModule\", {
    value: true
  });
exports.default = clone;
var
_cloneNode = _interopRequireDefault(require(\"./cloneNode\"));
function
_interopRequireDefault(obj) { return
obj && obj.__esModule ? obj : { default: obj }; }
function
clone(node) {
  return (0, _cloneNode.default)(node,
    false);
}, {
  \"use strict\";
}
Object.defineProperty(exports,
  \"__esModule\", {
    value: true
  });
exports.default =
cloneDeep;
var _cloneNode = _interopRequireDefault(require(\"./cloneNode\"));
function
_interopRequireDefault(obj) { return obj && obj.__esModule ? obj : { default: obj }; }
function
cloneDeep(node) {
  return (0, _cloneNode.default)(node);
}, {
  \"use strict\";
}
Object.defineProperty(exports,
  \"__esModule\", {
    value: true
  });
exports.default = cloneDeepWithoutLoc;
var _cloneNode =
_interopRequireDefault(require(\"./cloneNode\"));
function
_interopRequireDefault(obj) { return obj &&
obj.__esModule ? obj : { default: obj }; }
function
cloneDeepWithoutLoc(node) {
  return (0,
    _cloneNode.default)(node, true, true);
}, {
  \"use strict\";
}
Object.defineProperty(exports,
  \"__esModule\", {
    value: true
  });
exports.default = cloneWithoutLoc;
var _cloneNode =
_interopRequireDefault(require(\"./cloneNode\"));
function
_interopRequireDefault(obj) { return obj &&
obj.__esModule ? obj : { default: obj }; }
function
cloneWithoutLoc(node) {
  return (0,
    _cloneNode.default)(node, false, true);
}, {
  \"use strict\";
}
Object.defineProperty(exports,
  \"__esModule\", {
    value: true
  });
exports.default = addComment;
var _addComments =
_interopRequireDefault(require(\"./addComments\"));
function
_interopRequireDefault(obj) { return obj &&
obj.__esModule ? obj : { default: obj }; }
function
addComment(node, type, content, line) {
  return (0,
    _addComments.default)(node, type, [{
      type: line ? \"CommentLine\" : \"CommentBlock\",
      value: content
    }]);
}, {
  \"use strict\";
}
Object.defineProperty(exports,
  \"__esModule\", {
    value: true
  });
exports.default =
removeComments;
var _constants = require(\"../constants\");
function
removeComments(node) {
  _constants.COMMENT_KEYS.forEach(key => {
    node[key] = null;
  });
  return node;
}, {
  \"use
  strict\";
}
Object.defineProperty(exports,
  \"__esModule\", {
    value: true
  });
exports.TSBASETYPE_TYPES =
exports.TSTYPE_TYPES = exports.TSTYPEELEMENT_TYPES =
exports.PRIVATE_TYPES =
exports.JSX_TYPES = exports.ENUMMEMBER_TYPES =
exports.ENUMBODY_TYPES =
exports.FLOWPREDICATE_TYPES = exports.FLOWDECLARATION_TYPES =

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exports.FLOWBASEANNOTATION_TYPES = exports.FLOWTYPE_TYPES = exports.FLOW_TYPES =
exports.MODULESPECIFIER_TYPES = exports.EXPORTDECLARATION_TYPES =
exports.MODULEDECLARATION_TYPES = exports.CLASS_TYPES = exports.PATTERN_TYPES =
exports.UNARYLIKE_TYPES = exports.PROPERTY_TYPES = exports.OBJECTMEMBER_TYPES =
exports.METHOD_TYPES = exports.USERWHITESPACABLE_TYPES = exports.IMMUTABLE_TYPES =
exports.LITERAL_TYPES = exports.TSENTITYNAME_TYPES = exports.LVAL_TYPES =
exports.PATTERNLIKE_TYPES = exports.DECLARATION_TYPES = exports.PUREISH_TYPES =
exports.FUNCTIONPARENT_TYPES = exports.FUNCTION_TYPES = exports.FORXSTATEMENT_TYPES =
exports.FOR_TYPES = exports.EXPRESSIONWRAPPER_TYPES = exports.WHILE_TYPES =
exports.LOOP_TYPES = exports.CONDITIONAL_TYPES = exports.COMPLETIONSTATEMENT_TYPES =
exports.TERMINATORLESS_TYPES = exports.STATEMENT_TYPES = exports.BLOCK_TYPES =
exports.BLOCKPARENT_TYPES = exports.SCOPABLE_TYPES = exports.BINARY_TYPES =
exports.EXPRESSION_TYPES = void 0;\n\nvar _definitions = require("../definitions");\n\nconst
EXPRESSION_TYPES = _definitions.FLIPPED_ALIAS_KEYS["Expression"];
\n\nexports.EXPRESSION_TYPES =
EXPRESSION_TYPES;\n\nconst BINARY_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Binary"];
\n\nexports.BINARY_TYPES = BINARY_TYPES;\n\nconst
SCOPABLE_TYPES = _definitions.FLIPPED_ALIAS_KEYS["Scopable"];
\n\nexports.SCOPABLE_TYPES =
SCOPABLE_TYPES;\n\nconst BLOCKPARENT_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["BlockParent"];
\n\nexports.BLOCKPARENT_TYPES =
BLOCKPARENT_TYPES;\n\nconst BLOCK_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Block"];
\n\nexports.BLOCK_TYPES = BLOCK_TYPES;\n\nconst
STATEMENT_TYPES = _definitions.FLIPPED_ALIAS_KEYS["Statement"];
\n\nexports.STATEMENT_TYPES =
STATEMENT_TYPES;\n\nconst TERMINATORLESS_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Terminatorless"];
\n\nexports.TERMINATORLESS_TYPES =
TERMINATORLESS_TYPES;\n\nconst COMPLETIONSTATEMENT_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["CompletionStatement"];
\n\nexports.COMPLETIONSTATEMENT_TYPES =
COMPLETIONSTATEMENT_TYPES;\n\nconst CONDITIONAL_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Conditional"];
\n\nexports.CONDITIONAL_TYPES =
CONDITIONAL_TYPES;\n\nconst LOOP_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Loop"];
\n\nexports.LOOP_TYPES = LOOP_TYPES;\n\nconst
WHILE_TYPES = _definitions.FLIPPED_ALIAS_KEYS["While"];
\n\nexports.WHILE_TYPES =
WHILE_TYPES;\n\nconst EXPRESSIONWRAPPER_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["ExpressionWrapper"];
\n\nexports.EXPRESSIONWRAPPER_TYPES =
EXPRESSIONWRAPPER_TYPES;\n\nconst FOR_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["For"];
\n\nexports.FOR_TYPES = FOR_TYPES;\n\nconst
FORXSTATEMENT_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["ForXStatement"];
\n\nexports.FORXSTATEMENT_TYPES =
FORXSTATEMENT_TYPES;\n\nconst FUNCTION_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Function"];
\n\nexports.FUNCTION_TYPES =
FUNCTION_TYPES;\n\nconst FUNCTIONPARENT_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["FunctionParent"];
\n\nexports.FUNCTIONPARENT_TYPES =
FUNCTIONPARENT_TYPES;\n\nconst PUREISH_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Pureish"];
\n\nexports.PUREISH_TYPES = PUREISH_TYPES;\n\nconst
DECLARATION_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Declaration"];
\n\nexports.DECLARATION_TYPES =
DECLARATION_TYPES;\n\nconst PATTERNLIKE_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["PatternLike"];
\n\nexports.PATTERNLIKE_TYPES =
PATTERNLIKE_TYPES;\n\nconst LVAL_TYPES =

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_definitions.FLIPPED_ALIAS_KEYS["LVal"]; \nextports.LVAL_TYPES = LVAL_TYPES; \nconst
TENTITYNAME_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["TEntityName"]; \nextports.TENTITYNAME_TYPES =
TENTITYNAME_TYPES; \nconst LITERAL_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Literal"]; \nextports.LITERAL_TYPES = LITERAL_TYPES; \nconst
IMMUTABLE_TYPES = _definitions.FLIPPED_ALIAS_KEYS["Immutable"]; \nextports.IMMUTABLE_TYPES
= IMMUTABLE_TYPES; \nconst USERWHITESPACABLE_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["UserWhitespacable"]; \nextports.USERWHITESPACABLE_TYPES =
USERWHITESPACABLE_TYPES; \nconst METHOD_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Method"]; \nextports.METHOD_TYPES = METHOD_TYPES; \nconst
OBJECTMEMBER_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["ObjectMember"]; \nextports.OBJECTMEMBER_TYPES =
OBJECTMEMBER_TYPES; \nconst PROPERTY_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Property"]; \nextports.PROPERTY_TYPES =
PROPERTY_TYPES; \nconst UNARYLIKE_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["UnaryLike"]; \nextports.UNARYLIKE_TYPES =
UNARYLIKE_TYPES; \nconst PATTERN_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Pattern"]; \nextports.PATTERN_TYPES = PATTERN_TYPES; \nconst
CLASS_TYPES = _definitions.FLIPPED_ALIAS_KEYS["Class"]; \nextports.CLASS_TYPES =
CLASS_TYPES; \nconst MODULEDECLARATION_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["ModuleDeclaration"]; \nextports.MODULEDECLARATION_TYPES =
MODULEDECLARATION_TYPES; \nconst EXPORTDECLARATION_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["ExportDeclaration"]; \nextports.EXPORTDECLARATION_TYPES =
EXPORTDECLARATION_TYPES; \nconst MODULESPECIFIER_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["ModuleSpecifier"]; \nextports.MODULESPECIFIER_TYPES =
MODULESPECIFIER_TYPES; \nconst FLOW_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Flow"]; \nextports.FLOW_TYPES = FLOW_TYPES; \nconst
FLOWTYPE_TYPES = _definitions.FLIPPED_ALIAS_KEYS["FlowType"]; \nextports.FLOWTYPE_TYPES =
FLOWTYPE_TYPES; \nconst FLOWBASEANNOTATION_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["FlowBaseAnnotation"]; \nextports.FLOWBASEANNOTATION_TYPES =
FLOWBASEANNOTATION_TYPES; \nconst FLOWDECLARATION_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["FlowDeclaration"]; \nextports.FLOWDECLARATION_TYPES =
FLOWDECLARATION_TYPES; \nconst FLOWPREDICATE_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["FlowPredicate"]; \nextports.FLOWPREDICATE_TYPES =
FLOWPREDICATE_TYPES; \nconst ENUMBODY_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["EnumBody"]; \nextports.ENUMBODY_TYPES =
ENUMBODY_TYPES; \nconst ENUMMEMBER_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["EnumMember"]; \nextports.ENUMMEMBER_TYPES =
ENUMMEMBER_TYPES; \nconst JSX_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["JSX"]; \nextports.JSX_TYPES = JSX_TYPES; \nconst PRIVATE_TYPES
= _definitions.FLIPPED_ALIAS_KEYS["Private"]; \nextports.PRIVATE_TYPES = PRIVATE_TYPES; \nconst
TSTYPEELEMENT_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["TSTypeElement"]; \nextports.TSTYPEELEMENT_TYPES =
TSTYPEELEMENT_TYPES; \nconst TSTYPE_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["TSType"]; \nextports.TSTYPE_TYPES = TSTYPE_TYPES; \nconst
TSBASETYPE_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["TSBaseType"]; \nextports.TSBASETYPE_TYPES =
TSBASETYPE_TYPES; ", "\nuse strict"; \n\nObject.defineProperty(exports, "__esModule", { \n value:

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true\n});\nexports.default = ensureBlock;\n\nvar _toBlock =
_interopRequireDefault(require(\"./toBlock\"));\n\nfunction _interopRequireDefault(obj) { return obj &&
obj.__esModule ? obj : { default: obj }; }\n\nfunction ensureBlock(node, key = \"body\") {\n  return node[key] = (0,
_toBlock.default)(node[key], node);\n};\n\n\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default = toBindingIdentifierName;\n\nvar _toIdentifier =
_interopRequireDefault(require(\"./toIdentifier\"));\n\nfunction _interopRequireDefault(obj) { return obj &&
obj.__esModule ? obj : { default: obj }; }\n\nfunction toBindingIdentifierName(name) {\n  name = (0,
_toIdentifier.default)(name);\n  if (name === \"eval\" || name === \"arguments\") name = \"_\" + name;\n  return
name;\n};\n\n\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default =
toComputedKey;\n\nvar _generated = require(\"../validators/generated\");\n\nvar _generated2 =
require(\"../builders/generated\");\n\nfunction toComputedKey(node, key = node.key || node.property) {\n  if
(!node.computed && (0, _generated.isIdentifier)(key)) key = (0, _generated2.stringLiteral)(key.name);\n  return
key;\n};\n\n\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default =
toExpression;\n\nvar _generated3 = require(\"../validators/generated\");\n\nfunction toExpression(node) {\n  if ((0,
_generated3.isExpressionStatement)(node)) {\n    node = node.expression;\n  }\n  if ((0,
_generated3.isExpression)(node)) {\n    return node;\n  }\n  if ((0, _generated3.isClass)(node)) {\n    node.type =
\"ClassExpression\";\n  } else if ((0, _generated3.isFunction)(node)) {\n    node.type = \"FunctionExpression\";\n  }\n  if
(!(0, _generated3.isExpression)(node)) {\n    throw new Error(`cannot turn ${node.type} to an
expression`);\n  }\n  return node;\n};\n\n\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value:
true\n});\n\nexports.default = toKeyAlias;\n\nvar _generated4 = require(\"../validators/generated\");\n\nvar _cloneNode =
_interopRequireDefault(require(\"../clone/cloneNode\"));\n\nvar _removePropertiesDeep =
_interopRequireDefault(require(\"../modifications/removePropertiesDeep\"));\n\nfunction
_interopRequireDefault(obj) { return obj && obj.__esModule ? obj : { default: obj }; }\n\nfunction
toKeyAlias(node, key = node.key) {\n  let alias;\n  if (node.kind === \"method\") {\n    return
toKeyAlias.increment() + \"\";\n  } else if ((0, _generated4.isIdentifier)(key)) {\n    alias = key.name;\n  } else if ((0,
_generated4.isStringLiteral)(key)) {\n    alias = JSON.stringify(key.value);\n  } else {\n    alias = JSON.stringify((0,
_removePropertiesDeep.default)((0, _cloneNode.default)(key)));\n  }\n  if (node.computed) {\n    alias =
`[${alias}]`;\n  }\n  if (node.static) {\n    alias = `static:${alias}`;\n  }\n  return alias;\n}\n\nntoKeyAlias.uid =
0;\n\nntoKeyAlias.increment = function () {\n  if (toKeyAlias.uid >= Number.MAX_SAFE_INTEGER) {\n    return
toKeyAlias.uid = 0;\n  } else {\n    return toKeyAlias.uid++;\n  };\n};\n\n\"use
strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default =
toSequenceExpression;\n\nvar _gatherSequenceExpressions =
_interopRequireDefault(require(\"../gatherSequenceExpressions\"));\n\nfunction _interopRequireDefault(obj) {
return obj && obj.__esModule ? obj : { default: obj }; }\n\nfunction toSequenceExpression(nodes, scope) {\n  if
(!(nodes == null ? void 0 : nodes.length)) return;\n  const declars = [];\n  const result = (0,
_gatherSequenceExpressions.default)(nodes, scope, declars);\n  if (!result) return;\n  for (const declar of declars)
{\n    scope.push(declar);\n  }\n  return result;\n};\n\n\"use strict\";\n\nObject.defineProperty(exports,
\"__esModule\", {\n  value: true\n});\n\nexports.default = gatherSequenceExpressions;\n\nvar _getBindingIdentifiers =
_interopRequireDefault(require(\"../retrievers/getBindingIdentifiers\"));\n\nvar _generated5 =
require(\"../validators/generated\");\n\nvar _generated6 = require(\"../builders/generated\");\n\nvar _cloneNode2 =
_interopRequireDefault(require(\"../clone/cloneNode\"));\n\nfunction _interopRequireDefault(obj) { return obj &&
obj.__esModule ? obj : { default: obj }; }\n\nfunction gatherSequenceExpressions(nodes, scope, declars) {\n  const
exprs = [];\n  let ensureLastUndefined = true;\n  for (const node of nodes) {\n    if (!(0,
_generated5.isEmptyStatement)(node)) {\n      ensureLastUndefined = false;\n    }\n    if ((0,
_generated5.isExpression)(node)) {\n      exprs.push(node);\n    } else if ((0,
_generated5.isExpressionStatement)(node)) {\n      exprs.push(node.expression);\n    } else if ((0,
_generated5.isVariableDeclaration)(node)) {\n      if (node.kind !== \"var\") return;\n      for (const declar of
node.declarations) {\n        const bindings = (0, _getBindingIdentifiers.default)(declar);\n        for (const key of

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Object.keys(bindings)) {\n    declars.push({\n        kind: node.kind,\n        id: (0,\n        _cloneNode.default)(bindings[key])\n    });\n    }\n    }\n    if (declar.init) {\n        exprs.push((0,\n        _generated2.assignmentExpression)("=", declar.id, declar.init));\n    }\n    }\n    ensureLastUndefined =\n    true;\n    } else if ((0, _generated.isIfStatement)(node)) {\n        const consequent = node.consequent ?\n        gatherSequenceExpressions([node.consequent], scope, declars) : scope.buildUndefinedNode();\n        const alternate = node.alternate ? gatherSequenceExpressions([node.alternate], scope, declars) : scope.buildUndefinedNode();\n        if (!consequent || !alternate) return;\n        exprs.push((0, _generated2.conditionalExpression)(node.test, consequent, alternate));\n    } else if ((0, _generated.isBlockStatement)(node)) {\n        const body =\n        gatherSequenceExpressions(node.body, scope, declars);\n        if (!body) return;\n        exprs.push(body);\n    } else if\n    ((0, _generated.isEmptyStatement)(node)) {\n        if (nodes.indexOf(node) === 0) {\n            ensureLastUndefined =\n            true;\n        }\n    } else {\n        return;\n    }\n    }\n    if (ensureLastUndefined) {\n        exprs.push(scope.buildUndefinedNode());\n    }\n    }\n    if (exprs.length === 1) {\n        return exprs[0];\n    } else {\n        return (0, _generated2.sequenceExpression)(exprs);\n    }\n    }", "\"use strict\"";\n    }\n    }\n    Object.defineProperty(exports, \"__esModule\", {\n        value: true\n    });\n    exports.default = toStatement;\n    }\n    }\n    nvar _generated =\n    require(\"../validators/generated\");\n    }\n    }\n    nvar _generated2 = require(\"../builders/generated\");\n    }\n    }\n    nfunction\n    toStatement(node, ignore) {\n        if ((0, _generated.isStatement)(node)) {\n            return node;\n        }\n        }\n        let mustHaveId =\n        false;\n        let newType;\n        }\n        if ((0, _generated.isClass)(node)) {\n            mustHaveId = true;\n            newType =\n            \"ClassDeclaration\";\n        }\n        }\n        else if ((0, _generated.isFunction)(node)) {\n            mustHaveId = true;\n            newType =\n            \"FunctionDeclaration\";\n        }\n        }\n        else if ((0, _generated.isAssignmentExpression)(node)) {\n            return (0,\n            _generated2.expressionStatement)(node);\n        }\n        }\n        if (mustHaveId && !node.id) {\n            newType = false;\n        }\n        }\n        if (!newType) {\n            if (ignore) {\n                return false;\n            }\n            }\n            else {\n                throw new Error(`cannot turn ${node.type} to a\n                statement`);\n            }\n        }\n        }\n        node.type = newType;\n        return node;\n    }", "\"use\n    strict\"";\n    }\n    }\n    Object.defineProperty(exports, \"__esModule\", {\n        value: true\n    });\n    exports.default =\n    valueToNode;\n    }\n    }\n    nvar _isPlainObject = _interopRequireDefault(require(\"lodash/isPlainObject\"));\n    }\n    }\n    nvar\n    _isRegExp = _interopRequireDefault(require(\"lodash/isRegExp\"));\n    }\n    }\n    nvar _isValidIdentifier =\n    _interopRequireDefault(require(\"../validators/isValidIdentifier\"));\n    }\n    }\n    nvar _generated =\n    require(\"../builders/generated\");\n    }\n    }\n    nfunction _interopRequireDefault(obj) {\n        return obj && obj.__esModule ? obj : {\n        default: obj\n    }; }\n    }\n    }\n    nfunction valueToNode(value) {\n        if (value === undefined) {\n            return (0,\n            _generated.identifier)(\"undefined\");\n        }\n        }\n        if (value === true || value === false) {\n            return (0,\n            _generated.booleanLiteral)(value);\n        }\n        }\n        if (value === null) {\n            return (0, _generated.nullLiteral)();\n        }\n        }\n        if (typeof value === \"string\") {\n            return (0, _generated.stringLiteral)(value);\n        }\n        }\n        if (typeof value ===\n        \"number\") {\n            let result;\n            }\n            if (Number.isFinite(value)) {\n                result = (0,\n                _generated.numericLiteral)(Math.abs(value));\n            }\n            }\n            else {\n                let numerator;\n                }\n                if (Number.isNaN(value)) {\n                    numerator = (0, _generated.numericLiteral)(0);\n                }\n                }\n                else {\n                    numerator = (0,\n                    _generated.numericLiteral)(1);\n                }\n                }\n                result = (0, _generated.binaryExpression)(\"/\", numerator, (0,\n                _generated.numericLiteral)(0));\n            }\n            }\n            if (value < 0 || Object.is(value, -0)) {\n                result = (0,\n                _generated.unaryExpression)(\"-\", result);\n            }\n            }\n            return result;\n        }\n        }\n        if ((0, _isRegExp.default)(value)) {\n            const pattern = value.source;\n            const flags = value.toString().match(/\\/([a-z]+)$/)[1];\n            return (0,\n            _generated.regExpLiteral)(pattern, flags);\n        }\n        }\n        if (Array.isArray(value)) {\n            return (0,\n            _generated.arrayExpression)(value.map(valueToNode));\n        }\n        }\n        if ((0, _isPlainObject.default)(value)) {\n            const\n            props = [];\n            }\n            for (const key of Object.keys(value)) {\n                let nodeKey;\n                }\n                if ((0,\n                _isValidIdentifier.default)(key)) {\n                    nodeKey = (0, _generated.identifier)(key);\n                }\n                }\n                else {\n                    nodeKey =\n                    (0, _generated.stringLiteral)(key);\n                }\n                }\n                props.push((0, _generated.objectProperty)(nodeKey,\n                valueToNode(value[key]));\n            }\n            }\n            return (0, _generated.objectExpression)(props);\n        }\n        }\n        throw new\n        Error(\"don't know how to turn this value into a node\");\n    }", \"var baseGetTag = require('./_baseGetTag'),\n    getPrototype = require('./_getPrototype'),\n    isObjectLike = require('./isObjectLike');\n    }\n    }\n    /** `Object#toString`\n    result references. *\n    }\n    }\n    nvar objectTag = '[object Object]';\n    }\n    }\n    /** Used for built-in method references. *\n    }\n    }\n    nvar funcProto = Function.prototype,\n    objectProto = Object.prototype;\n    }\n    }\n    /** Used to resolve the decompiled source of

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functions. *\nvar funcToString = funcProto.toString;\n\n/** Used to check objects for own properties. *\nvar
hasOwnProperty = objectProto.hasOwnProperty;\n\n/** Used to infer the `Object` constructor. *\nvar
objectCtorString = funcToString.call(Object);\n\n/**\n * Checks if `value` is a plain object, that is, an object created
by the\n * `Object` constructor or one with a `[[Prototype]]` of `null`.\n * \n * @static\n * @memberOf _\n * @since
0.8.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if
`value` is a plain object, else `false`.\n * @example\n *\n * function Foo() {\n *   this.a = 1;\n * }\n *\n *
_isPlainObject(new Foo);\n * // => false\n *\n * _isPlainObject([1, 2, 3]);\n * // => false\n *\n * _isPlainObject({
'x': 0, 'y': 0 });\n * // => true\n *\n * _isPlainObject(Object.create(null));\n * // => true\n\nfunction
isPlainObject(value) {\n  if (!isObjectLike(value) || baseGetTag(value) != objectTag) {\n    return false;\n  }\n  var
proto = getPrototype(value);\n  if (proto === null) {\n    return true;\n  }\n  var Ctor = hasOwnProperty.call(proto,
'constructor') && proto.constructor;\n  return typeof Ctor == 'function' && Ctor instanceof Ctor &&\n
funcToString.call(Ctor) == objectCtorString;\n}\n\nmodule.exports = isPlainObject;\n", "var baseIsRegExp =
require('./_baseIsRegExp'),\n  baseUnary = require('./_baseUnary'),\n  nodeUtil = require('./_nodeUtil');\n\n/*
Node.js helper references. *\nvar nodeIsRegExp = nodeUtil && nodeUtil.isRegExp;\n\n/**\n * Checks if `value` is
classified as a `RegExp` object.\n * \n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Lang\n *
@param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is a regexp, else `false`.\n *
@example\n *\n * _isRegExp(/abc/);\n * // => true\n *\n * _isRegExp('abc/');\n * // => false\n\nvar isRegExp =
nodeIsRegExp ? baseUnary(nodeIsRegExp) : baseIsRegExp;\n\nmodule.exports = isRegExp;\n", "var baseGetTag =
require('./_baseGetTag'),\n  isObjectLike = require('./isObjectLike');\n\n/** `Object#toString` result references.
*\nvar regexpTag = '[object RegExp]';\n\n/**\n * The base implementation of `_isRegExp` without Node.js
optimizations.\n * \n * @private\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if
`value` is a regexp, else `false`.\n\nfunction baseIsRegExp(value) {\n  return isObjectLike(value) &&
baseGetTag(value) == regexpTag;\n}\n\nmodule.exports = baseIsRegExp;\n", "use
strict";\n\nObject.defineProperty(exports, '__esModule', {\n  value: true\n});\n\nexports.default =
appendToMemberExpression;\n\nvar _generated = require("../builders/generated");\n\nfunction
appendToMemberExpression(member, append, computed = false) {\n  member.object = (0,
_generated.memberExpression)(member.object, member.property, member.computed);\n  member.property =
append;\n  member.computed = !!computed;\n  return member;\n}, "use
strict";\n\nObject.defineProperty(exports, '__esModule', {\n  value: true\n});\n\nexports.default = inherits;\n\nvar
_constants = require("../constants");\n\nvar _inheritsComments =
_interopRequireDefault(require("../comments/inheritsComments")); \n\nfunction _interopRequireDefault(obj) {\n
return obj && obj.__esModule ? obj : { default: obj }; }\n\nfunction inherits(child, parent) {\n  if (!child || !parent)
return child;\n  for (const key of _constants.INHERIT_KEYS.optional) {\n    if (child[key] == null) {\n
child[key] = parent[key];\n    }\n  }\n  for (const key of Object.keys(parent)) {\n    if (key[0] === '_' && key
!== '_clone') child[key] = parent[key];\n  }\n  for (const key of _constants.INHERIT_KEYS.force) {\n
child[key] = parent[key];\n  }\n  (0, _inheritsComments.default)(child, parent);\n  return child;\n}, "use
strict";\n\nObject.defineProperty(exports, '__esModule', {\n  value: true\n});\n\nexports.default =
prependToMemberExpression;\n\nvar _generated = require("../builders/generated");\n\nfunction
prependToMemberExpression(member, prepend) {\n  member.object = (0, _generated.memberExpression)(prepend,
member.object);\n  return member;\n}, "use strict";\n\nObject.defineProperty(exports, '__esModule', {\n
value: true\n});\n\nexports.default = getOuterBindingIdentifiers;\n\nvar _getBindingIdentifiers =
_interopRequireDefault(require("../getBindingIdentifiers")); \n\nfunction _interopRequireDefault(obj) {\n
return obj && obj.__esModule ? obj : { default: obj }; }\n\nfunction getOuterBindingIdentifiers(node,
duplicates) {\n  return (0, _getBindingIdentifiers.default)(node, duplicates, true);\n}, "use strict";\n\nObject.defineProperty(exports,
'__esModule', {\n  value: true\n});\n\nexports.default = traverse;\n\nvar _definitions =
require("../definitions");\n\nfunction traverse(node, handlers, state) {\n  if (typeof handlers === 'function') {\n
handlers = {\n  enter: handlers\n};\n  }\n  const {\n  enter,\n  exit\n} = handlers;\n  traverseSimpleImpl(node, enter, exit, state, []);\n}\n\nfunction traverseSimpleImpl(node, enter, exit, state, ancestors)

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{\n  const keys = _definitions.VISITOR_KEYS[node.type];\n  if (!keys) return;\n  if (enter) enter(node, ancestors, state);\n  for (const key of keys) {\n    const subNode = node[key];\n    if (Array.isArray(subNode)) {\n      for (let i = 0; i < subNode.length; i++) {\n        const child = subNode[i];\n        if (!child) continue;\n        ancestors.push({\n          node,\n          key,\n          index: i\n        });\n        traverseSimpleImpl(child, enter, exit, state, ancestors);\n        ancestors.pop();\n      }\n    } else if (subNode) {\n      ancestors.push({\n        node,\n        key\n      });\n      traverseSimpleImpl(subNode, enter, exit, state, ancestors);\n      ancestors.pop();\n    }\n  }\n  if (exit) exit(node, ancestors, state);\n  }", "\nuse strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default = isBinding;\n\nvar _getBindingIdentifiers = _interopRequireDefault(require(\"../retrievers/getBindingIdentifiers\"));\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : { default: obj }; }\n\nfunction isBinding(node, parent, grandparent) {\n  if (grandparent && node.type === \"Identifier\" && parent.type === \"ObjectProperty\" && grandparent.type === \"ObjectExpression\") {\n    return false;\n  }\n\n  const keys = _getBindingIdentifiers.default.keys[parent.type];\n  if (keys) {\n    for (let i = 0; i < keys.length; i++) {\n      const key = keys[i];\n      const val = parent[key];\n      if (Array.isArray(val)) {\n        if (val.indexOf(node) >= 0) return true;\n      } else {\n        if (val === node) return true;\n      }\n    }\n  }\n\n  return false;\n  }", "\nuse strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default = isBlockScoped;\n\nvar _generated = require(\"../generated\");\n\nvar _isLet = _interopRequireDefault(require(\"../isLet\"));\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : { default: obj }; }\n\nfunction isBlockScoped(node) {\n  return (0, _generated.isFunctionDeclaration)(node) || (0, _generated.isClassDeclaration)(node) || (0, _isLet.default)(node);\n  }", "\nuse strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default = isImmutable;\n\nvar _isType = _interopRequireDefault(require(\"../isType\"));\n\nvar _generated = require(\"../generated\");\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : { default: obj }; }\n\nfunction isImmutable(node) {\n  if ((0, _isType.default)(node.type, \"Immutable\")) return true;\n\n  if ((0, _generated.isIdentifier)(node)) {\n    if (node.name === \"undefined\") {\n      return true;\n    } else {\n      return false;\n    }\n  }\n\n  return false;\n  }", "\nuse strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default = isNodesEquivalent;\n\nvar _definitions = require(\"../definitions\");\n\nfunction isNodesEquivalent(a, b) {\n  if (typeof a !== \"object\" || typeof b !== \"object\" || a === null || b === null) {\n    return a === b;\n  }\n\n  if (a.type !== b.type) {\n    return false;\n  }\n\n  const fields = Object.keys(_definitions.NODE_FIELDS[a.type] || a.type);\n  const visitorKeys = _definitions.VISITOR_KEYS[a.type];\n  for (const field of fields) {\n    if (typeof a[field] !== typeof b[field]) {\n      return false;\n    }\n\n    if (a[field] === null && b[field] === null) {\n      continue;\n    } else if (a[field] === null || b[field] === null) {\n      return false;\n    }\n\n    if (Array.isArray(a[field])) {\n      if (!Array.isArray(b[field])) {\n        return false;\n      }\n\n      if (a[field].length !== b[field].length) {\n        return false;\n      }\n\n      for (let i = 0; i < a[field].length; i++) {\n        if (!isNodesEquivalent(a[field][i], b[field][i])) {\n          return false;\n        }\n      }\n\n      continue;\n    }\n\n    if (typeof a[field] === \"object\" && !(visitorKeys === null ? void 0 : visitorKeys.includes(field))) {\n      for (const key of Object.keys(a[field])) {\n        if (a[field][key] !== b[field][key]) {\n          return false;\n        }\n      }\n\n      continue;\n    }\n\n    if (!isNodesEquivalent(a[field], b[field])) {\n      return false;\n    }\n  }\n\n  return true;\n  }", "\nuse strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default = isReferenced;\n\nfunction isReferenced(node, parent, grandparent) {\n  switch (parent.type) {\n    case \"MemberExpression\":\n    case \"JSXMemberExpression\":\n    case \"OptionalMemberExpression\":\n      if (parent.property === node) {\n        return !!parent.computed;\n      }\n\n      return parent.object === node;\n    case \"VariableDeclarator\":\n      return parent.init === node;\n    case \"ArrowFunctionExpression\":\n      return parent.body === node;\n    case \"ExportSpecifier\":\n      if (parent.source) {\n        return false;\n      }\n\n      return parent.local === node;\n    case \"PrivateName\":\n      return false;\n    case \"ClassMethod\":\n    case \"ClassPrivateMethod\":\n    case \"ObjectMethod\":\n      if (parent.params.includes(node)) {\n        return false;\n      }\n\n      return parent.value === node;\n    case \"ObjectProperty\":\n    case \"ClassProperty\":\n    case \"ClassPrivateProperty\":\n      if (parent.key === node) {\n        return !!parent.computed;\n      }\n\n      if (parent.value === node) {\n        return !grandparent || grandparent.type !==

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"ObjectPattern":\n  }\n\n  return true;\n\n  case \"ClassDeclaration\":\n  case \"ClassExpression\":\n  return parent.superClass === node;\n\n  case \"AssignmentExpression\":\n  return parent.right === node;\n\n  case \"AssignmentPattern\":\n  return parent.right === node;\n\n  case \"LabeledStatement\":\n  return false;\n\n  case \"CatchClause\":\n  return false;\n\n  case \"RestElement\":\n  return false;\n\n  case \"BreakStatement\":\n  case \"ContinueStatement\":\n  return false;\n\n  case \"FunctionDeclaration\":\n  case \"FunctionExpression\":\n  return false;\n\n  case \"ExportNamespaceSpecifier\":\n  case \"ExportDefaultSpecifier\":\n  return false;\n\n  case \"ImportDefaultSpecifier\":\n  case \"ImportNamespaceSpecifier\":\n  case \"ImportSpecifier\":\n  return false;\n\n  case \"JSXAttribute\":\n  return false;\n\n  case \"ObjectPattern\":\n  case \"ArrayPattern\":\n  return false;\n\n  case \"MetaProperty\":\n  return false;\n\n  case \"ObjectTypeProperty\":\n  return parent.key !== node;\n\n  case \"TSEnumMember\":\n  return parent.id !== node;\n\n  case \"TSPropertySignature\":\n  if (parent.key === node) {\n    return !parent.computed;\n  }\n\n  return true;\n }\n\n return true;\n}","use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default = isScope;\n\nvar _generated = require(\"./generated\");\n\nfunction isScope(node, parent) {\n  if ((0, _generated.isBlockStatement)(node) && ((0, _generated.isFunction)(parent) || (0, _generated.isCatchClause)(parent))) {\n    return false;\n  }\n\n  if ((0, _generated.isPattern)(node) && ((0, _generated.isFunction)(parent) || (0, _generated.isCatchClause)(parent))) {\n    return true;\n  }\n\n  return (0, _generated.isScopable)(node);\n}","use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default = isSpecifierDefault;\n\nvar _generated = require(\"./generated\");\n\nfunction isSpecifierDefault(specifier) {\n  return (0, _generated.isImportDefaultSpecifier)(specifier) || (0, _generated.isIdentifier)(specifier.imported || specifier.exported, {\n    name: \"default\"\n  });\n}","use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default = isValidES3Identifier;\n\nvar _isValidIdentifier = _interopRequireDefault(require(\"./isValidIdentifier\"));\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : { default: obj }; }\n\nconst RESERVED_WORDS_ES3_ONLY = new Set([\"abstract\", \"boolean\", \"byte\", \"char\", \"double\", \"enum\", \"final\", \"float\", \"goto\", \"implements\", \"int\", \"interface\", \"long\", \"native\", \"package\", \"private\", \"protected\", \"public\", \"short\", \"static\", \"synchronized\", \"throws\", \"transient\", \"volatile\"]);\n\nfunction isValidES3Identifier(name) {\n  return (0, _isValidIdentifier.default)(name) && !RESERVED_WORDS_ES3_ONLY.has(name);\n}","use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default = isVar;\n\nvar _generated = require(\"./generated\");\n\nvar _constants = require(\"../constants\");\n\nfunction isVar(node) {\n  return (0, _generated.isVariableDeclaration)(node, {\n    kind: \"var\"\n  }) && !node[_constants.BLOCK_SCOPED_SYMBOL];\n}","/*\n * Detect Electron renderer / nwjs process, which is node, but we should\n * treat as a browser.\n */\n\nif (typeof process === 'undefined' || process.type === 'renderer' || process.browser === true || process.__nwjs) {\n  module.exports = require(\"./browser.js\");\n} else {\n  module.exports = require(\"./node.js\");\n}","/* eslint-env browser */\n\n * This is the web browser implementation of `debug()`. \n\n */\n\nexports.log = log;\n\nexports.formatArgs = formatArgs;\n\nexports.save = save;\n\nexports.load = load;\n\nexports.useColors = useColors;\n\nexports.storage = localStorage();\n\n/*\n * Colors.\n */\n\nexports.colors =\n\n[\n  '#0000CC',\n  '#0000FF',\n  '#0033CC',\n  '#0033FF',\n  '#0066CC',\n  '#0066FF',\n  '#0099CC',\n  '#0099FF',\n  '#00CC00',\n  '#00CC33',\n  '#00CC66',\n  '#00CC99',\n  '#00CCCC',\n  '#00CCFF',\n  '#3300CC',\n  '#3300FF',\n  '#3333CC',\n  '#3333FF',\n  '#3366CC',\n  '#3366FF',\n  '#3399CC',\n  '#3399FF',\n  '#33CC00',\n  '#33CC33',\n  '#33CC66',\n  '#33CC99',\n  '#33CCCC',\n  '#33CCFF',\n  '#6600CC',\n  '#6600FF',\n  '#6633CC',\n  '#6633FF',\n  '#66CC00',\n  '#66CC33',\n  '#66CC66',\n  '#66CC99',\n  '#66CCFF',\n  '#9900CC',\n  '#9900FF',\n  '#9933CC',\n  '#9933FF',\n  '#99CC00',\n  '#99CC33',\n  '#99CC66',\n  '#99CC99',\n  '#99CCFF',\n  '#CC0000',\n  '#CC0033',\n  '#CC0066',\n  '#CC0099',\n  '#CC00CC',\n  '#CC00FF',\n  '#CC3300',\n  '#CC3333',\n  '#CC3366',\n  '#CC3399',\n  '#CC33CC',\n  '#CC33FF',\n  '#CC6600',\n  '#CC6633',\n  '#CC6666',\n  '#CC6699',\n  '#CC66CC',\n  '#CC66FF',\n  '#CC9900',\n  '#CC9933',\n  '#CC9966',\n  '#CC9999',\n  '#CC99CC',\n  '#CC99FF',\n  '#CCFF00',\n  '#CCFF33',\n  '#CCFF66',\n  '#CCFF99',\n  '#CCFFCC',\n  '#CCFFFF',\n  '#FF0000',\n  '#FF0033',\n  '#FF0066',\n  '#FF0099',\n  '#FF00CC',\n  '#FF00FF',\n  '#FF3300',\n  '#FF3333',\n  '#FF3366',\n  '#FF3399',\n  '#FF33CC',\n  '#FF33FF',\n  '#FF6600',\n  '#FF6633',\n  '#FF6666',\n  '#FF6699',\n  '#FF66CC',\n  '#FF66FF',\n  '#FF9900',\n  '#FF9933',\n  '#FF9966',\n  '#FF9999',\n  '#FF99CC',\n  '#FF99FF',\n  '#FFCC00',\n  '#FFCC33',\n  '#FFCC66',\n  '#FFCC99',\n  '#FFCCCC',\n  '#FFCCFF',\n  '#FFFF00',\n  '#FFFF33',\n  '#FFFF66',\n  '#FFFF99',\n  '#FFFFCC',\n  '#FFFFFF',\n];

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n\t#FF9933',\n\t#FFCC00',\n\t#FFCC33'\n};\n\n/**\n * Currently only WebKit-based Web Inspectors, Firefox >=
v31,\n * and the Firebug extension (any Firefox version) are known\n * to support \"%c\" CSS customizations.\n\n *
* TODO: add a `localStorage` variable to explicitly enable/disable colors\n */\n\n// eslint-disable-next-line
complexity\nfunction useColors() {\n\t// NB: In an Electron preload script, document will be defined but not
fully\n\t// initialized. Since we know we're in Chrome, we'll just detect this case\n\t// explicitly\n\tif (typeof window
!== 'undefined' && window.process && (window.process.type === 'renderer' || window.process.__nwjs))
{\n\t\treturn true;\n\t}\n\t// Internet Explorer and Edge do not support colors.\n\tif (typeof navigator !==
'undefined' && navigator.userAgent && navigator.userAgent.toLowerCase().match(/(edge|trident)\\/((d+)))/)
{\n\t\treturn false;\n\t}\n\t// Is webkit? http://stackoverflow.com/a/16459606/376773\n\t// document is undefined
in react-native: https://github.com/facebook/react-native/pull/1632\n\treturn (typeof document !== 'undefined' &&
document.documentElement && document.documentElement.style &&
document.documentElement.style.WebkitAppearance) ||\n\t// Is firebug?
http://stackoverflow.com/a/398120/376773\n\t!(typeof window !== 'undefined' && window.console &&
(window.console.firebug || (window.console.exception && window.console.table))) ||\n\t// Is firefox >= v31?\n\t//
https://developer.mozilla.org/en-US/docs/Tools/Web_Console#Styling_messages\n\t!(typeof navigator !==
'undefined' && navigator.userAgent && navigator.userAgent.toLowerCase().match(/firefox\\/((d+))/) &&
parseInt(RegExp.$1, 10) >= 31) ||\n\t// Double check webkit in userAgent just in case we are in a
worker\n\t!(typeof navigator !== 'undefined' && navigator.userAgent &&
navigator.userAgent.toLowerCase().match(/applewebkit\\/((d+))));\n}\n\n/**\n * Colorize log arguments if
enabled.\n */\n * @api public\n */\n\nfunction formatArgs(args) {\n\targs[0] = (this.useColors ? '%c' : '')
+\n\t\t(this.namespace +\n\t\t\t(this.useColors ? '%c' : ' ') +\n\t\t\targs[0] +\n\t\t\t(this.useColors ? '%c' : ' ') +\n\t\t\t'+\n\t\t\tmodule.exports.humanize(this.diff);\n\t}\n\tif (!this.useColors) {\n\t\treturn;\n\t}\n\tconst c = 'color: ' +
this.color;\n\targs.splice(1, 0, c, 'color: inherit');\n\t// The final \"%c\" is somewhat tricky, because there could be
other\n\t// arguments passed either before or after the %c, so we need to\n\t// figure out the correct index to insert the
CSS into\n\tlet index = 0;\n\tlet lastC = 0;\n\targs[0].replace(/%[a-zA-Z%]/g, match => {\n\t\tif (match === '%%')
{\n\t\t\treturn;\n\t\t}\n\t\tindex++;\n\t\tif (match === '%c') {\n\t\t\t// We only are interested in the *last* %c\n\t\t\t//
(the user may have provided their own)\n\t\t\tlastC = index;\n\t\t}\n\t\targs.splice(lastC, 0, c);\n\t}\n\n/**\n *
Invokes `console.log()` when available.\n * No-op when `console.log` is not a `function`.\n */\n * @api public\n */\n\nfunction log(...args) {\n\t// This hackery is required for IE8/9, where\n\t// the `console.log` function doesn't have
`apply`\n\treturn typeof console === 'object' &&\n\t\tconsole.log &&\n\t\tconsole.log(...args);\n}\n\n/**\n * Save
`namespaces`.\n */\n * @param {String} namespaces\n */\n * @api private\n */\n\nfunction save(namespaces) {\n\ttry
{\n\t\tif (namespaces) {\n\t\t\texports.storage.setItem('debug', namespaces);\n\t\t}\n\t\telse
{\n\t\t\texports.storage.removeItem('debug');\n\t\t}\n\t} catch (error) {\n\t\t// Swallow\n\t\t// XXX (@Qix-) should
we be logging these?\n\t}\n\n/**\n * Load `namespaces`.\n */\n * @return {String} returns the previously
persisted debug modes\n */\n * @api private\n */\n\nfunction load() {\n\tlet r;\n\ttry {\n\t\ttr =
exports.storage.getItem('debug');\n\t} catch (error) {\n\t\t// Swallow\n\t\t// XXX (@Qix-) should we be logging
these?\n\t}\n\t// If debug isn't set in LS, and we're in Electron, try to load $DEBUG\n\tif (!r && typeof process
!== 'undefined' && 'env' in process) {\n\t\ttr = process.env.DEBUG;\n\t}\n\n/**\n * Localstorage
attempts to return the localstorage.\n */\n * This is necessary because safari throws\n * when a user disables
cookies/localstorage\n * and you attempt to access it.\n */\n * @return {LocalStorage}\n */\n * @api private\n */\n\nfunction localStorage() {\n\ttry {\n\t\t// TVMLKit (Apple TV JS Runtime) does not have a window object, just
localStorage in the global context\n\t\t// The Browser also has localStorage in the global context.\n\t\treturn
localStorage;\n\t} catch (error) {\n\t\t// Swallow\n\t\t// XXX (@Qix-) should we be logging
these?\n\t}\n\nmodule.exports = require('./common')(exports);\n\nconst { formatters } = module.exports;\n\n/**\n *
Map %j to `JSON.stringify()`, since no Web Inspectors do that by default.\n */\n\nformatters.j = function (v)
{\n\ttry {\n\t\treturn JSON.stringify(v);\n\t} catch (error) {\n\t\treturn '[UnexpectedJSONParseError]: ' +
error.message;\n\t}\n};\n\n/**\n * Helpers.\n */\n\nvar s = 1000;\nvar m = s * 60;\nvar h = m * 60;\nvar d = h *
24;\nvar w = d * 7;\nvar y = d * 365.25;\n\n/**\n * Parse or format the given `val`.\n */\n * Options:\n * - `long`

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verbose formatting [false]\n * \n * @param {String|Number} val\n * @param {Object} [options]\n * @throws
{Error} throw an error if val is not a non-empty string or a number\n * @return {String|Number}\n * @api public\n
*\n\nmodule.exports = function(val, options) {\n  options = options || {};\n  var type = typeof val;\n  if (type ===
'string' && val.length > 0) {\n    return parse(val);\n  } else if (type === 'number' && isFinite(val)) {\n    return
options.long ? fmtLong(val) : fmtShort(val);\n  }\n  throw new Error(\n    'val is not a non-empty string or a valid
number. val=' +\n    JSON.stringify(val)\n  );\n};\n\n/**\n * Parse the given `str` and return milliseconds.\n * \n *
@param {String} str\n * @return {Number}\n * @api private\n *\n\nfunction parse(str) {\n  str = String(str);\n  if
(str.length > 100) {\n    return;\n  }\n  var match = /^(-(?:\d+)?\.\d+)?$/i.exec
*(milliseconds?|msecs?|ms|seconds?|secs?s|minutes?|mins?|m|hours?|hrs?|h|days?|d|weeks?|w|years?|yrs?|y)?$/i.exec
(\n  str\n );\n  if (!match) {\n    return;\n  }\n  var n = parseFloat(match[1]);\n  var type = (match[2] ||
'ms').toLowerCase();\n  switch (type) {\n    case 'years':\n    case 'year':\n    case 'yrs':\n    case 'yr':\n    case 'y':\n
return n * y;\n    case 'weeks':\n    case 'week':\n    case 'w':\n    return n * w;\n    case 'days':\n    case 'day':\n    case
'd':\n    return n * d;\n    case 'hours':\n    case 'hour':\n    case 'hrs':\n    case 'hr':\n    case 'h':\n    return n * h;\n
case 'minutes':\n    case 'minute':\n    case 'mins':\n    case 'min':\n    case 'm':\n    return n * m;\n    case 'seconds':\n
case 'second':\n    case 'secs':\n    case 'sec':\n    case 's':\n    return n * s;\n    case 'milliseconds':\n    case
'millisecond':\n    case 'msecs':\n    case 'msec':\n    case 'ms':\n    return n;\n    default:\n    return undefined;\n
  }\n}\n\n/**\n * Short format for `ms`.\n * \n * @param {Number} ms\n * @return {String}\n * @api private\n
*\n\nfunction fmtShort(ms) {\n  var msAbs = Math.abs(ms);\n  if (msAbs >= d) {\n    return Math.round(ms / d) +
'd';\n  }\n  if (msAbs >= h) {\n    return Math.round(ms / h) + 'h';\n  }\n  if (msAbs >= m) {\n    return
Math.round(ms / m) + 'm';\n  }\n  if (msAbs >= s) {\n    return Math.round(ms / s) + 's';\n  }\n  return ms +
'ms';\n}\n\n/**\n * Long format for `ms`.\n * \n * @param {Number} ms\n * @return {String}\n * @api private\n
*\n\nfunction fmtLong(ms) {\n  var msAbs = Math.abs(ms);\n  if (msAbs >= d) {\n    return plural(ms, msAbs, d,
'day');\n  }\n  if (msAbs >= h) {\n    return plural(ms, msAbs, h, 'hour');\n  }\n  if (msAbs >= m) {\n    return
plural(ms, msAbs, m, 'minute');\n  }\n  if (msAbs >= s) {\n    return plural(ms, msAbs, s, 'second');\n  }\n  return ms
+ ' ms';\n}\n\n/**\n * Pluralization helper.\n *\n\nfunction plural(ms, msAbs, n, name) {\n  var isPlural = msAbs >=
n * 1.5;\n  return Math.round(ms / n) + ' ' + name + (isPlural ? 's' : '');\n}\n\n/**\n * Module dependencies.\n
*\n\nconst tty = require('tty');\nconst util = require('util');\n\n/**\n * This is the Node.js implementation of
`debug()`.\n *\n\nexports.init = init;\nexports.log = log;\nexports.formatArgs = formatArgs;\nexports.save =
save;\nexports.load = load;\nexports.useColors = useColors;\n\n/**\n * Colors.\n *\n\nexports.colors = [6, 2, 3, 4,
5, 1];\n\ntry {\n  // Optional dependency (as in, doesn't need to be installed, NOT like optionalDependencies in
package.json)\n  // eslint-disable-next-line import/no-extraneous-dependencies\n  const supportsColor =
require('supports-color');\n  if (supportsColor && (supportsColor.stderr || supportsColor).level >= 2)\n    exports.colors =
[\n      20,\n      21,\n      26,\n      27,\n      32,\n      33,\n      38,\n      39,\n      40,\n      41,\n      42,\n      43,\n      44,\n      45,\n      56,\n      57,\n      62,\n      63,\n      68,\n      69,\n      74,\n      75,\n      76,\n      77,\n      78,\n      79,\n      80,\n      81,\n      92,\n      93,\n      98,\n      99,\n      112,\n      113,\n      128,\n      129,\n      134,\n      135,\n      148,\n      149,\n      160,\n      161,\n      162,\n      163,\n      164,\n      165,\n      166,\n      167,\n      168,\n      169,\n      170,\n      171,\n      172,\n      173,\n      178,\n      179,\n      184,\n      185,\n      196,\n      197,\n      198,\n      199,\n      200,\n      201,\n      202,\n      203,\n      204,\n      205,\n      206,\n      207,\n      208,\n      209,\n      214,\n      215,\n      220,\n      221\n    ];\n  } catch (error) {\n    // Swallow - we only care
if `supports-color` is available; it doesn't have to be.\n  }\n\n/**\n * Build up the default `inspectOpts` object from the
environment variables.\n * \n * $ DEBUG_COLORS=no DEBUG_DEPTH=10\n * DEBUG_SHOW_HIDDEN=enabled node script.js\n *\n\nexports.inspectOpts =
Object.keys(process.env).filter(key => {\n  return /^debug_/.test(key);\n}).reduce((obj, key) => {\n  // Camel-
case\n  const prop = key.toLowerCase().replace(/_([a-z])/g, (_, k) => {\n    return
k.toUpperCase();\n  });\n  // Coerce string value into JS value\n  let val = process.env[key];\n  if
(/^(yes|on|true|enabled)$/i.test(val)) {\n    tval = true;\n  } else if (/^(no|off|false|disabled)$/i.test(val)) {\n    tval =
false;\n  } else if (val === 'null') {\n    tval = null;\n  } else {\n    tval = Number(val);\n  }\n  obj[prop] =

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Renamer;"", "\"use strict\"";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\nexports.default =
splitExportDeclaration;\n\nvar t = _interopRequireWildcard(require(\"@babel/types\"));\n\nfunction
_getRequireWildcardCache() { if (typeof WeakMap !== \"function\") return null; var cache = new WeakMap();
_getRequireWildcardCache = function () { return cache; }; return cache; }\n\nfunction
_interopRequireWildcard(obj) { if (obj && obj.__esModule) { return obj; } if (obj === null || typeof obj !==
\"object\" && typeof obj !== \"function\") { return { default: obj }; } var cache = _getRequireWildcardCache(); if
(cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var hasPropertyDescriptor =
Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }\n\nfunction splitExportDeclaration(exportDeclaration) {\n if
(!exportDeclaration.isExportDeclaration()) {\n throw new Error(\"Only export declarations can be split.\");\n
}\n\n const isDefault = exportDeclaration.isExportDefaultDeclaration();\n const declaration =
exportDeclaration.get(\"declaration\");\n const isClassDeclaration = declaration.isClassDeclaration();\n\n if
(isDefault) {\n const standaloneDeclaration = declaration.isFunctionDeclaration() || isClassDeclaration;\n const
scope = declaration.isScope() ? declaration.scope.parent : declaration.scope;\n let id = declaration.node.id;\n let
needBindingRegistration = false;\n\n if (!id) {\n needBindingRegistration = true;\n id =
scope.generateUidIdentifier(\"default\");\n\n if (standaloneDeclaration || declaration.isFunctionExpression() ||
declaration.isClassExpression()) {\n declaration.node.id = t.cloneNode(id);\n }\n }\n\n const
updatedDeclaration = standaloneDeclaration ? declaration : t.variableDeclaration(\"var\",
[t.variableDeclarator(t.cloneNode(id), declaration.node)]);\n const updatedExportDeclaration =
t.exportNamedDeclaration(null, [t.exportSpecifier(t.cloneNode(id), t.identifier(\"default\"))]);\n
exportDeclaration.insertAfter(updatedExportDeclaration);\n
exportDeclaration.replaceWith(updatedDeclaration);\n\n if (needBindingRegistration) {\n
scope.registerDeclaration(exportDeclaration);\n }\n\n return exportDeclaration;\n }\n\n if
(exportDeclaration.get(\"specifiers\").length > 0) {\n throw new Error(\"It doesn't make sense to split exported
specifiers.\");\n }\n\n const bindingIdentifiers = declaration.getOuterBindingIdentifiers();\n const specifiers =
Object.keys(bindingIdentifiers).map(name => {\n return t.exportSpecifier(t.identifier(name), t.identifier(name));\n
});\n const aliasDeclar = t.exportNamedDeclaration(null, specifiers);\n
exportDeclaration.insertAfter(aliasDeclar);\n exportDeclaration.replaceWith(declaration.node);\n return
exportDeclaration;\n }", "\"use strict\"";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\nexports.default = void 0;\n\nvar _buildMatchMemberExpression =
require(\"../buildMatchMemberExpression\");\n\nconst isReactComponent = (0,
_buildMatchMemberExpression.default)(\"React.Component\");\n\nvar _default =
isReactComponent;\n\nexports.default = _default;\", "\"use strict\"";\n\nObject.defineProperty(exports, \"__esModule\",
{\n value: true\n});\nexports.default = isCompatTag;\n\nfunction isCompatTag(tagName) {\n return !!tagName
&& /^[a-z]/.test(tagName);\n }\", "\"use strict\"";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\nexports.default = buildChildren;\n\nvar _generated = require(\"../validators/generated\");\n\nvar
_cleanJSXElementLiteralChild = require(\"../utils/react/cleanJSXElementLiteralChild\");\n\nfunction
buildChildren(node) {\n const elements = [];\n\n for (let i = 0; i < node.children.length; i++) {\n let child =
node.children[i];\n\n if ((0, _generated.isJSXText)(child)) {\n (0, _cleanJSXElementLiteralChild.default)(child,
elements);\n continue;\n }\n\n if ((0, _generated.isJSXExpressionContainer)(child)) child =
child.expression;\n if ((0, _generated.isJSXEmptyExpression)(child)) continue;\n elements.push(child);\n }\n\n
return elements;\n }\", "\"use strict\"";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\nexports.default = cleanJSXElementLiteralChild;\n\nvar _generated =
require(\"../builders/generated\");\n\nfunction cleanJSXElementLiteralChild(child, args) {\n const lines =
child.value.split(/\\r\\n|\\n|\\r/);\n let lastNonEmptyLine = 0;\n\n for (let i = 0; i < lines.length; i++) {\n if

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(lines[i].match(/^[ \t]/)) {\n    lastNonEmptyLine = i;\n    }\n\n let str = "";\n\n for (let i = 0; i < lines.length;\n i++) {\n    const line = lines[i];\n    const isFirstLine = i === 0;\n    const isLastLine = i === lines.length - 1;\n    const isLastNonEmptyLine = i === lastNonEmptyLine;\n    let trimmedLine = line.replace(/\\t/g, "\\");\n\n    if\n (!isFirstLine) {\n    trimmedLine = trimmedLine.replace(/^[ ]+/, "");\n    }\n\n    if (!isLastLine) {\n    trimmedLine = trimmedLine.replace(/[ ]+$/, "");\n    }\n\n    if (trimmedLine) {\n    if (!isLastNonEmptyLine) {\n    trimmedLine += "\\n";\n    }\n\n    str += trimmedLine;\n    }\n\n }\n\n if (str) args.push((0,\n _generated.stringLiteral(str));\n }", "\nuse strict";\n\nObject.defineProperty(exports, "__esModule", {\n value:\n true\n});\n\nexports.default = builder;\n\nvar _definitions = require("../definitions");\n\nvar _validate =\n require("../validators/validate");\n\nfunction builder(type, ...args) {\n    const keys =\n    _definitions.BUILDER_KEYS[type];\n    const countArgs = args.length;\n\n    if (countArgs > keys.length) {\n    throw new Error(` ${type}: Too many arguments passed. Received ${countArgs} but can receive no more than\n    ${keys.length}`);\n    }\n\n    const node = {\n    type\n    };\n    let i = 0;\n    keys.forEach(key => {\n    const field =\n    _definitions.NODE_FIELDS[type][key];\n    let arg;\n\n    if (i < countArgs) arg = args[i];\n\n    if (arg ===\n    undefined) {\n    arg = Array.isArray(field.default) ? [] : field.default;\n    }\n\n    node[key] = arg;\n    i++;\n    });\n\n    for (const key of Object.keys(node)) {\n    (0, _validate.default)(node, key, node[key]);\n    }\n\n    return\n    node;\n    }", "\nuse strict";\n\nvar _utils = require("../utils");\n\nconst defineInterfaceishType = (name,\n typeParameterType = "TypeParameterDeclaration") => {\n    (0, _utils.default)(name, {\n    builder: ["id"],\n    "typeParameters",\n    "extends",\n    "body"],\n    visitor: ["id", "typeParameters", "extends", "mixins",\n    "implements", "body"],\n    aliases: ["Flow", "FlowDeclaration", "Statement", "Declaration"],\n    fields: {\n    id: (0, _utils.validateType)("Identifier"),\n    typeParameters: (0,\n    _utils.validateOptionalType)(typeParameterType),\n    extends: (0, _utils.validateOptional)((0,\n    _utils.arrayOfType)("InterfaceExtends")),\n    mixins: (0, _utils.validateOptional)((0,\n    _utils.arrayOfType)("InterfaceExtends")),\n    implements: (0, _utils.validateOptional)((0,\n    _utils.arrayOfType)("ClassImplements")),\n    body: (0, _utils.validateType)("ObjectTypeAnnotation")\n    }\n    });\n\n    (0, _utils.default)("AnyTypeAnnotation", {\n    aliases: ["Flow", "FlowType",\n    "FlowBaseAnnotation"]\n    });\n\n    (0, _utils.default)("ArrayTypeAnnotation", {\n    visitor: ["elementType"],\n    aliases: ["Flow", "FlowType"],\n    fields: {\n    elementType: (0, _utils.validateType)("FlowType")\n    }\n    });\n\n    (0, _utils.default)("BooleanTypeAnnotation", {\n    aliases: ["Flow", "FlowType",\n    "FlowBaseAnnotation"]\n    });\n\n    (0, _utils.default)("BooleanLiteralTypeAnnotation", {\n    builder: ["value"],\n    aliases: ["Flow", "FlowType"],\n    fields: {\n    value: (0, _utils.validate)((0,\n    _utils.assertValueType)("boolean"))\n    }\n    });\n\n    (0, _utils.default)("NullLiteralTypeAnnotation", {\n    aliases:\n    ["Flow", "FlowType", "FlowBaseAnnotation"]\n    });\n\n    (0, _utils.default)("ClassImplements", {\n    visitor: ["id",\n    "typeParameters"],\n    aliases: ["Flow"],\n    fields: {\n    id: (0, _utils.validateType)("Identifier"),\n    typeParameters: (0, _utils.validateOptionalType)("TypeParameterInstantiation")\n    }\n    });\n\n    defineInterfaceishType("DeclareClass");\n\n    (0, _utils.default)("DeclareFunction", {\n    visitor: ["id"],\n    aliases: ["Flow", "FlowDeclaration", "Statement", "Declaration"],\n    fields: {\n    id: (0,\n    _utils.validateType)("Identifier"),\n    predicate: (0, _utils.validateOptionalType)("DeclaredPredicate")\n    }\n    });\n\n    defineInterfaceishType("DeclareInterface");\n\n    (0, _utils.default)("DeclareModule", {\n    builder: ["id",\n    "body", "kind"],\n    visitor: ["id", "body"],\n    aliases: ["Flow", "FlowDeclaration", "Statement",\n    "Declaration"],\n    fields: {\n    id: (0, _utils.validateType)(["Identifier", "StringLiteral"]),\n    body: (0,\n    _utils.validateType)("BlockStatement"),\n    kind: (0, _utils.validateOptional)((0,\n    _utils.assertOneOf)("CommonJS", "ES"))\n    }\n    });\n\n    (0, _utils.default)("DeclareModuleExports", {\n    visitor:\n    ["typeAnnotation"],\n    aliases: ["Flow", "FlowDeclaration", "Statement", "Declaration"],\n    fields: {\n    typeAnnotation: (0, _utils.validateType)("TypeAnnotation")\n    }\n    });\n\n    (0, _utils.default)("DeclareTypeAlias", {\n    visitor: ["id", "typeParameters", "right"],\n    aliases: ["Flow", "FlowDeclaration", "Statement",\n    "Declaration"],\n    fields: {\n    id: (0, _utils.validateType)("Identifier"),\n    typeParameters: (0,\n    _utils.validateOptionalType)("TypeParameterDeclaration"),\n    right: (0, _utils.validateType)("FlowType")\n    }\n    });\n\n    (0, _utils.default)("DeclareOpaqueType", {\n    visitor: ["id", "typeParameters", "supertype"],\n    aliases:

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["Flow", "FlowDeclaration", "Statement", "Declaration"],\n fields: {\n id: (0,
_utils.validateType)("Identifier"),\n typeParameters: (0,
_utils.validateOptionalType)("TypeParameterDeclaration"),\n supertype: (0,
_utils.validateOptionalType)("FlowType")\n }));\n(0, _utils.default)("DeclareVariable", {\n visitor: ["id"],\n
aliases: ["Flow", "FlowDeclaration", "Statement", "Declaration"],\n fields: {\n id: (0,
_utils.validateType)("Identifier")\n }));\n(0, _utils.default)("DeclareExportDeclaration", {\n visitor:
["declaration", "specifiers", "source"],\n aliases: ["Flow", "FlowDeclaration", "Statement",
"Declaration"],\n fields: {\n declaration: (0, _utils.validateOptionalType)("Flow"),\n specifiers: (0,
_utils.validateOptional)((0, _utils.arrayOfType)("ExportSpecifier", "ExportNamespaceSpecifier")),\n source:
(0, _utils.validateOptionalType)("StringLiteral"),\n default: (0, _utils.validateOptional)((0,
_utils.assertValueType)("boolean"))\n }));\n(0, _utils.default)("DeclareExportAllDeclaration", {\n visitor:
["source"],\n aliases: ["Flow", "FlowDeclaration", "Statement", "Declaration"],\n fields: {\n source: (0,
_utils.validateType)("StringLiteral"),\n exportKind: (0, _utils.validateOptional)((0, _utils.assertOneOf)("type",
"value"))\n }));\n(0, _utils.default)("DeclaredPredicate", {\n visitor: ["value"],\n aliases: ["Flow",
"FlowPredicate"],\n fields: {\n value: (0, _utils.validateType)("Flow")\n }));\n(0,
_utils.default)("ExistsTypeAnnotation", {\n aliases: ["Flow", "FlowType"]});\n(0,
_utils.default)("FunctionTypeAnnotation", {\n visitor: ["typeParameters", "params", "rest", "returnType"],\n
aliases: ["Flow", "FlowType"],\n fields: {\n typeParameters: (0,
_utils.validateOptionalType)("TypeParameterDeclaration"),\n params: (0, _utils.validate)((0,
_utils.arrayOfType)("FunctionTypeParam")),\n rest: (0, _utils.validateOptionalType)("FunctionTypeParam"),\n
this: (0, _utils.validateOptionalType)("FunctionTypeParam"),\n returnType: (0,
_utils.validateType)("FlowType")\n }));\n(0, _utils.default)("FunctionTypeParam", {\n visitor: ["name",
"typeAnnotation"],\n aliases: ["Flow"],\n fields: {\n name: (0, _utils.validateOptionalType)("Identifier"),\n
typeAnnotation: (0, _utils.validateType)("FlowType"),\n optional: (0, _utils.validateOptional)((0,
_utils.assertValueType)("boolean"))\n }));\n(0, _utils.default)("GenericTypeAnnotation", {\n visitor: ["id",
"typeParameters"],\n aliases: ["Flow", "FlowType"],\n fields: {\n id: (0, _utils.validateType)("Identifier",
"QualifiedTypeIdentifier"),\n typeParameters: (0,
_utils.validateOptionalType)("TypeParameterInstantiation")\n }));\n(0, _utils.default)("InferredPredicate", {\n
aliases: ["Flow", "FlowPredicate"]});\n(0, _utils.default)("InterfaceExtends", {\n visitor: ["id",
"typeParameters"],\n aliases: ["Flow"],\n fields: {\n id: (0, _utils.validateType)("Identifier",
"QualifiedTypeIdentifier"),\n typeParameters: (0,
_utils.validateOptionalType)("TypeParameterInstantiation")\n
}));\n\ndefineInterfaceishType("InterfaceDeclaration");\n(0, _utils.default)("InterfaceTypeAnnotation", {\n
visitor: ["extends", "body"],\n aliases: ["Flow", "FlowType"],\n fields: {\n extends: (0,
_utils.validateOptional)((0, _utils.arrayOfType)("InterfaceExtends")),\n body: (0,
_utils.validateType)("ObjectTypeAnnotation")\n }));\n(0, _utils.default)("IntersectionTypeAnnotation", {\n
visitor: ["types"],\n aliases: ["Flow", "FlowType"],\n fields: {\n types: (0, _utils.validate)((0,
_utils.arrayOfType)("FlowType"))\n }));\n(0, _utils.default)("MixedTypeAnnotation", {\n aliases: ["Flow",
"FlowType", "FlowBaseAnnotation"]});\n(0, _utils.default)("EmptyTypeAnnotation", {\n aliases: ["Flow",
"FlowType", "FlowBaseAnnotation"]});\n(0, _utils.default)("NullableTypeAnnotation", {\n visitor:
["typeAnnotation"],\n aliases: ["Flow", "FlowType"],\n fields: {\n typeAnnotation: (0,
_utils.validateType)("FlowType")\n }));\n(0, _utils.default)("NumberLiteralTypeAnnotation", {\n builder:
["value"],\n aliases: ["Flow", "FlowType"],\n fields: {\n value: (0, _utils.validate)((0,
_utils.assertValueType)("number"))\n }));\n(0, _utils.default)("NumberTypeAnnotation", {\n aliases:
["Flow", "FlowType", "FlowBaseAnnotation"]});\n(0, _utils.default)("ObjectTypeAnnotation", {\n visitor:
["properties", "indexers", "callProperties", "internalSlots"],\n aliases: ["Flow", "FlowType"],\n builder:
["properties", "indexers", "callProperties", "internalSlots", "exact"],\n fields: {\n properties: (0,
_utils.validate)((0, _utils.arrayOfType)("ObjectTypeProperty", "ObjectTypeSpreadProperty")),\n indexers: (0,

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_utils.validateOptional)((0, _utils.arrayOfType)("ObjectTypeIndexer")),\n  callProperties: (0,
_utils.validateOptional)((0, _utils.arrayOfType)("ObjectTypeCallProperty")),\n  internalSlots: (0,
_utils.validateOptional)((0, _utils.arrayOfType)("ObjectTypeInternalSlot")),\n  exact: {\n    validate: (0,
_utils.assertValueType)("boolean"),\n    default: false\n  },\n  inexact: (0, _utils.validateOptional)((0,
_utils.assertValueType)("boolean"))\n  }\n});\n(0, _utils.default)("ObjectTypeInternalSlot", {\n  visitor: ["id",
"value", "optional", "static", "method"],\n  aliases: ["Flow", "UserWhitespacable"],\n  fields: {\n    id: (0,
_utils.validateType)("Identifier"),\n    value: (0, _utils.validateType)("FlowType"),\n    optional: (0,
_utils.validate)((0, _utils.assertValueType)("boolean")),,\n    static: (0, _utils.validate)((0,
_utils.assertValueType)("boolean")),,\n    method: (0, _utils.validate)((0, _utils.assertValueType)("boolean"))\n  }\n});\n(0, _utils.default)("ObjectTypeCallProperty", {\n  visitor: ["value"],\n  aliases: ["Flow",
"UserWhitespacable"],\n  fields: {\n    value: (0, _utils.validateType)("FlowType"),\n    static: (0,
_utils.validate)((0, _utils.assertValueType)("boolean"))\n  }\n});\n(0, _utils.default)("ObjectTypeIndexer", {\n  visitor: ["id", "key", "value", "variance"],\n  aliases: ["Flow", "UserWhitespacable"],\n  fields: {\n    id: (0,
_utils.validateOptionalType)("Identifier"),\n    key: (0, _utils.validateType)("FlowType"),\n    value: (0,
_utils.validateType)("FlowType"),\n    static: (0, _utils.validate)((0, _utils.assertValueType)("boolean")),,\n    variance: (0, _utils.validateOptionalType)("Variance")\n  }\n});\n(0, _utils.default)("ObjectTypeProperty", {\n  visitor: ["key", "value", "variance"],\n  aliases: ["Flow", "UserWhitespacable"],\n  fields: {\n    key: (0,
_utils.validateType)(["Identifier", "StringLiteral"]),\n    value: (0, _utils.validateType)("FlowType"),\n    kind:
(0, _utils.validate)((0, _utils.assertOneOf("init", "get", "set")),,\n    static: (0, _utils.validate)((0,
_utils.assertValueType)("boolean")),,\n    proto: (0, _utils.validate)((0, _utils.assertValueType)("boolean")),,\n    optional: (0, _utils.validate)((0, _utils.assertValueType)("boolean")),,\n    variance: (0,
_utils.validateOptionalType)("Variance"),\n    method: (0, _utils.validate)((0,
_utils.assertValueType)("boolean"))\n  }\n});\n(0, _utils.default)("ObjectTypeSpreadProperty", {\n  visitor:
["argument"],\n  aliases: ["Flow", "UserWhitespacable"],\n  fields: {\n    argument: (0,
_utils.validateType)("FlowType")\n  }\n});\n(0, _utils.default)("OpaqueType", {\n  visitor: ["id",
"typeParameters", "supertype", "impltype"],\n  aliases: ["Flow", "FlowDeclaration", "Statement",
"Declaration"],\n  fields: {\n    id: (0, _utils.validateType)("Identifier"),\n    typeParameters: (0,
_utils.validateOptionalType)("TypeParameterDeclaration"),\n    supertype: (0,
_utils.validateOptionalType)("FlowType"),\n    impltype: (0, _utils.validateType)("FlowType")\n  }\n});\n(0,
_utils.default)("QualifiedTypeIdentifier", {\n  visitor: ["id", "qualification"],\n  aliases: ["Flow"],\n  fields: {\n    id: (0, _utils.validateType)("Identifier"),\n    qualification: (0, _utils.validateType)(["Identifier",
"QualifiedTypeIdentifier"])\n  }\n});\n(0, _utils.default)("StringLiteralTypeAnnotation", {\n  builder:
["value"],\n  aliases: ["Flow", "FlowType"],\n  fields: {\n    value: (0, _utils.validate)((0,
_utils.assertValueType)("string"))\n  }\n});\n(0, _utils.default)("StringTypeAnnotation", {\n  aliases: ["Flow",
"FlowType", "FlowBaseAnnotation"]\n});\n(0, _utils.default)("SymbolTypeAnnotation", {\n  aliases: ["Flow",
"FlowType", "FlowBaseAnnotation"]\n});\n(0, _utils.default)("ThisTypeAnnotation", {\n  aliases: ["Flow",
"FlowType", "FlowBaseAnnotation"]\n});\n(0, _utils.default)("TupleTypeAnnotation", {\n  visitor:
["types"],\n  aliases: ["Flow", "FlowType"],\n  fields: {\n    types: (0, _utils.validate)((0,
_utils.arrayOfType)("FlowType"))\n  }\n});\n(0, _utils.default)("TypeofTypeAnnotation", {\n  visitor:
["argument"],\n  aliases: ["Flow", "FlowType"],\n  fields: {\n    argument: (0,
_utils.validateType)("FlowType")\n  }\n});\n(0, _utils.default)("TypeAlias", {\n  visitor: ["id",
"typeParameters", "right"],\n  aliases: ["Flow", "FlowDeclaration", "Statement", "Declaration"],\n  fields:
{\n    id: (0, _utils.validateType)("Identifier"),\n    typeParameters: (0,
_utils.validateOptionalType)("TypeParameterDeclaration"),\n    right: (0, _utils.validateType)("FlowType")\n  }\n});\n(0, _utils.default)("TypeAnnotation", {\n  aliases: ["Flow"],\n  visitor: ["typeAnnotation"],\n  fields: {\n    typeAnnotation: (0, _utils.validateType)("FlowType")\n  }\n});\n(0, _utils.default)("TypeCastExpression", {\n  visitor: ["expression", "typeAnnotation"],\n  aliases: ["Flow", "ExpressionWrapper", "Expression"],\n  fields:
{\n    expression: (0, _utils.validateType)("Expression"),\n    typeAnnotation: (0,

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_utils.validateType)("TypeAnnotation")\n }n});\n(0, _utils.default)("TypeParameter", {n aliases: ["Flow"],\n visitor: ["bound", "default", "variance"],\n fields: {n name: (0, _utils.validate)((0,
_utils.assertValueType)("string")),\n bound: (0, _utils.validateOptionalType)("TypeAnnotation"),\n default:
(0, _utils.validateOptionalType)("FlowType"),\n variance: (0, _utils.validateOptionalType)("Variance")\n
});\n(0, _utils.default)("TypeParameterDeclaration", {n aliases: ["Flow"],\n visitor: ["params"],\n fields:
{n params: (0, _utils.validate)((0, _utils.arrayOfType)("TypeParameter"))\n }n});\n(0,
_utils.default)("TypeParameterInstantiation", {n aliases: ["Flow"],\n visitor: ["params"],\n fields: {n
params: (0, _utils.validate)((0, _utils.arrayOfType)("FlowType"))\n }n});\n(0,
_utils.default)("UnionTypeAnnotation", {n visitor: ["types"],\n aliases: ["Flow", "FlowType"],\n fields: {n
types: (0, _utils.validate)((0, _utils.arrayOfType)("FlowType"))\n }n});\n(0, _utils.default)("Variance", {n
aliases: ["Flow"],\n builder: ["kind"],\n fields: {n kind: (0, _utils.validate)((0, _utils.assertOneOf)("minus",
"plus"))\n }n});\n(0, _utils.default)("VoidTypeAnnotation", {n aliases: ["Flow", "FlowType",
"FlowBaseAnnotation"]\n});\n(0, _utils.default)("EnumDeclaration", {n aliases: ["Statement",
"Declaration"],\n visitor: ["id", "body"],\n fields: {n id: (0, _utils.validateType)("Identifier"),\n body: (0,
_utils.validateType)("EnumBooleanBody", "EnumNumberBody", "EnumStringBody",
"EnumSymbolBody")\n }n});\n(0, _utils.default)("EnumBooleanBody", {n aliases: ["EnumBody"],\n
visitor: ["members"],\n fields: {n explicitType: (0, _utils.validate)((0, _utils.assertValueType)("boolean")),
members: (0, _utils.validateArrayOfType)("EnumBooleanMember"),\n hasUnknownMembers: (0,
_utils.validate)((0, _utils.assertValueType)("boolean"))\n }n});\n(0, _utils.default)("EnumNumberBody", {n
aliases: ["EnumBody"],\n visitor: ["members"],\n fields: {n explicitType: (0, _utils.validate)((0,
_utils.assertValueType)("boolean")),\n members: (0, _utils.validateArrayOfType)("EnumNumberMember"),\n
hasUnknownMembers: (0, _utils.validate)((0, _utils.assertValueType)("boolean"))\n }n});\n(0,
_utils.default)("EnumStringBody", {n aliases: ["EnumBody"],\n visitor: ["members"],\n fields: {n
explicitType: (0, _utils.validate)((0, _utils.assertValueType)("boolean")),\n members: (0,
_utils.validateArrayOfType)(["EnumStringMember", "EnumDefaultedMember"]),\n hasUnknownMembers: (0,
_utils.validate)((0, _utils.assertValueType)("boolean"))\n }n});\n(0, _utils.default)("EnumSymbolBody", {n
aliases: ["EnumBody"],\n visitor: ["members"],\n fields: {n members: (0,
_utils.validateArrayOfType)("EnumDefaultedMember"),\n hasUnknownMembers: (0, _utils.validate)((0,
_utils.assertValueType)("boolean"))\n }n});\n(0, _utils.default)("EnumBooleanMember", {n aliases:
["EnumMember"],\n visitor: ["id"],\n fields: {n id: (0, _utils.validateType)("Identifier"),\n init: (0,
_utils.validateType)("BooleanLiteral")\n }n});\n(0, _utils.default)("EnumNumberMember", {n aliases:
["EnumMember"],\n visitor: ["id", "init"],\n fields: {n id: (0, _utils.validateType)("Identifier"),\n init: (0,
_utils.validateType)("NumericLiteral")\n }n});\n(0, _utils.default)("EnumStringMember", {n aliases:
["EnumMember"],\n visitor: ["id", "init"],\n fields: {n id: (0, _utils.validateType)("Identifier"),\n init: (0,
_utils.validateType)("StringLiteral")\n }n});\n(0, _utils.default)("EnumDefaultedMember", {n aliases:
["EnumMember"],\n visitor: ["id"],\n fields: {n id: (0, _utils.validateType)("Identifier")\n }n});\n(0,
_utils.default)("IndexedAccessType", {n visitor: ["objectType", "indexType"],\n aliases: ["Flow",
"FlowType"],\n fields: {n objectType: (0, _utils.validateType)("FlowType"),\n indexType: (0,
_utils.validateType)("FlowType")\n }n});\n(0, _utils.default)("OptionalIndexedAccessType", {n visitor:
["objectType", "indexType"],\n aliases: ["Flow", "FlowType"],\n fields: {n objectType: (0,
_utils.validateType)("FlowType"),\n indexType: (0, _utils.validateType)("FlowType"),\n optional: (0,
_utils.validate)((0, _utils.assertValueType)("boolean"))\n }n});\n";\n\nvar _utils =
require("./utils");\n(0, _utils.default)("JSXAttribute", {n visitor: ["name", "value"],\n aliases: ["JSX",
"Immutable"],\n fields: {n name: {n validate: (0, _utils.assertNodeType)("JSXIdentifier",
"JSXNamespacedName")\n },\n value: {n optional: true,\n validate: (0,
_utils.assertNodeType)("JSXElement", "JSXFragment", "StringLiteral", "JSXExpressionContainer")\n }n
});\n(0, _utils.default)("JSXClosingElement", {n visitor: ["name"],\n aliases: ["JSX", "Immutable"],\n
fields: {n name: {n validate: (0, _utils.assertNodeType)("JSXIdentifier", "JSXMemberExpression",

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\JSXNamespacedName\)\n  }\n }\n});\n(0, _utils.default)(\JSXElement\, {\n builder: [\n openingElement\,
\closingElement\, \children\, \selfClosing\],\n visitor: [\n openingElement\, \children\,
\closingElement\],\n aliases: [\n JSX\, \Immutable\, \Expression\],\n fields: {\n openingElement: {\n
validate: (0, _utils.assertNodeType)(\JSXOpeningElement\)\n },\n closingElement: {\n optional: true,\n
validate: (0, _utils.assertNodeType)(\JSXClosingElement\)\n },\n children: {\n validate: (0, _utils.chain)((0,
_utils.assertValueType)(\array\), (0, _utils.assertEach)((0, _utils.assertNodeType)(\JSXText\,
\JSXExpressionContainer\, \JSXSpreadChild\, \JSXElement\, \JSXFragment\)))\n },\n selfClosing: {\n
validate: (0, _utils.assertValueType)(\boolean\),\n optional: true\n }\n }\n});\n(0,
_utils.default)(\JSXEmptyExpression\, {\n aliases: [\n JSX\]\n});\n(0, _utils.default)(\JSXExpressionContainer\,
{\n visitor: [\n expression\],\n aliases: [\n JSX\, \Immutable\],\n fields: {\n expression: {\n validate: (0,
_utils.assertNodeType)(\Expression\, \JSXEmptyExpression\)\n }\n }\n});\n(0,
_utils.default)(\JSXSpreadChild\, {\n visitor: [\n expression\],\n aliases: [\n JSX\, \Immutable\],\n fields: {\n
expression: {\n validate: (0, _utils.assertNodeType)(\Expression\)\n }\n }\n});\n(0,
_utils.default)(\JSXIdentifier\, {\n builder: [\n name\],\n aliases: [\n JSX\],\n fields: {\n name: {\n validate:
(0, _utils.assertValueType)(\string\)\n }\n }\n});\n(0, _utils.default)(\JSXMemberExpression\, {\n visitor:
[\n object\, \property\],\n aliases: [\n JSX\],\n fields: {\n object: {\n validate: (0,
_utils.assertNodeType)(\JSXMemberExpression\, \JSXIdentifier\)\n },\n property: {\n validate: (0,
_utils.assertNodeType)(\JSXIdentifier\)\n }\n }\n});\n(0, _utils.default)(\JSXNamespacedName\, {\n visitor:
[\n namespace\, \name\],\n aliases: [\n JSX\],\n fields: {\n namespace: {\n validate: (0,
_utils.assertNodeType)(\JSXIdentifier\)\n },\n name: {\n validate: (0,
_utils.assertNodeType)(\JSXIdentifier\)\n }\n }\n});\n(0, _utils.default)(\JSXOpeningElement\, {\n builder:
[\n name\, \attributes\, \selfClosing\],\n visitor: [\n name\, \attributes\],\n aliases: [\n JSX\, \Immutable\],\n
fields: {\n name: {\n validate: (0, _utils.assertNodeType)(\JSXIdentifier\, \JSXMemberExpression\,
\JSXNamespacedName\)\n },\n selfClosing: {\n default: false\n },\n attributes: {\n validate: (0,
_utils.chain)((0, _utils.assertValueType)(\array\), (0, _utils.assertEach)((0,
_utils.assertNodeType)(\JSXAttribute\, \JSXSpreadAttribute\)))\n },\n typeParameters: {\n validate: (0,
_utils.assertNodeType)(\TypeParameterInstantiation\, \TSTypeParameterInstantiation\),\n optional: true\n
}\n }\n});\n(0, _utils.default)(\JSXSpreadAttribute\, {\n visitor: [\n argument\],\n aliases: [\n JSX\],\n fields: {\n
argument: {\n validate: (0, _utils.assertNodeType)(\Expression\)\n }\n }\n});\n(0,
_utils.default)(\JSXText\, {\n aliases: [\n JSX\, \Immutable\],\n builder: [\n value\],\n fields: {\n value: {\n
validate: (0, _utils.assertValueType)(\string\)\n }\n }\n});\n(0, _utils.default)(\JSXFragment\, {\n builder:
[\n openingFragment\, \closingFragment\, \children\],\n visitor: [\n openingFragment\, \children\,
\closingFragment\],\n aliases: [\n JSX\, \Immutable\, \Expression\],\n fields: {\n openingFragment: {\n
validate: (0, _utils.assertNodeType)(\JSXOpeningFragment\)\n },\n closingFragment: {\n validate: (0,
_utils.assertNodeType)(\JSXClosingFragment\)\n },\n children: {\n validate: (0, _utils.chain)((0,
_utils.assertValueType)(\array\), (0, _utils.assertEach)((0, _utils.assertNodeType)(\JSXText\,
\JSXExpressionContainer\, \JSXSpreadChild\, \JSXElement\, \JSXFragment\)))\n }\n }\n});\n(0,
_utils.default)(\JSXOpeningFragment\, {\n aliases: [\n JSX\, \Immutable\]\n});\n(0,
_utils.default)(\JSXClosingFragment\, {\n aliases: [\n JSX\, \Immutable\]\n});";\n\n"use strict";\n\nvar _utils =
require("./utils");\n\nvar _placeholders = require("./placeholders");\n\n{\n (0, _utils.default)(\Noop\, {\n
visitor: []\n });\n}\n(0, _utils.default)(\Placeholder\, {\n visitor: [],\n builder: [\n expectedNode\, \name\],\n
fields: {\n name: {\n validate: (0, _utils.assertNodeType)(\Identifier\)\n },\n expectedNode: {\n
validate: (0, _utils.assertOneOf)(..._placeholders.PLACEHOLDERS)\n }\n }\n});\n(0,
_utils.default)(\V8IntrinsicIdentifier\, {\n builder: [\n name\],\n fields: {\n name: {\n validate: (0,
_utils.assertValueType)(\string\)\n }\n }\n});";\n\n"use strict";\n\nvar _utils = require("./utils");\n\nvar _core =
require("./core");\n\n(0, _utils.default)(\ArgumentPlaceholder\, {});\n(0, _utils.default)(\BindExpression\, {\n
visitor: [\n object\, \callee\],\n aliases: [\n Expression\],\n fields: !process.env.BABEL_TYPES_8_BREAKING ?
{\n object: {\n validate: Object.assign() => {}, {\n oneOfNodeTypes: [\n Expression\]\n }\n }\n },\n

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callee: {\n  validate: Object.assign() => {}, {\n    oneOfNodeTypes: ["Expression"]\n  })\n }\n } : {\n
object: {\n  validate: (0, _utils.assertNodeType)("Expression")\n },\n callee: {\n  validate: (0,
_utils.assertNodeType)("Expression")\n }\n }\n});\n(0, _utils.default)("ClassProperty", {\n visitor: ["key",
"value", "typeAnnotation", "decorators"],\n builder: ["key", "value", "typeAnnotation", "decorators",
"computed", "static"],\n aliases: ["Property"],\n fields: Object.assign({},
_core.classMethodOrPropertyCommon, {\n value: {\n  validate: (0, _utils.assertNodeType)("Expression"),\n
optional: true\n },\n definite: {\n  validate: (0, _utils.assertValueType)("boolean"),\n optional: true\n
},\n typeAnnotation: {\n  validate: (0, _utils.assertNodeType)("TypeAnnotation", "TSTypeAnnotation",
"Noop"),\n optional: true\n },\n decorators: {\n  validate: (0, _utils.chain)((0,
_utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("Decorator"))),\n optional:
true\n },\n readonly: {\n  validate: (0, _utils.assertValueType)("boolean"),\n optional: true\n },\n
declare: {\n  validate: (0, _utils.assertValueType)("boolean"),\n optional: true\n }\n});\n(0,
_utils.default)("PipelineTopicExpression", {\n builder: ["expression"],\n visitor: ["expression"],\n fields: {\n
expression: {\n  validate: (0, _utils.assertNodeType)("Expression")\n }\n }\n});\n(0,
_utils.default)("PipelineBareFunction", {\n builder: ["callee"],\n visitor: ["callee"],\n fields: {\n callee: {\n
validate: (0, _utils.assertNodeType)("Expression")\n }\n }\n});\n(0,
_utils.default)("PipelinePrimaryTopicReference", {\n aliases: ["Expression"]\n});\n(0,
_utils.default)("ClassPrivateProperty", {\n visitor: ["key", "value", "decorators"],\n builder: ["key",
"value", "decorators", "static"],\n aliases: ["Property", "Private"],\n fields: {\n key: {\n  validate: (0,
_utils.assertNodeType)("PrivateName")\n },\n value: {\n  validate: (0,
_utils.assertNodeType)("Expression"),\n optional: true\n },\n typeAnnotation: {\n  validate: (0,
_utils.assertNodeType)("TypeAnnotation", "TSTypeAnnotation", "Noop"),\n optional: true\n },\n
decorators: {\n  validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("Decorator"))),\n optional: true\n }\n });\n(0,
_utils.default)("ClassPrivateMethod", {\n builder: ["kind", "key", "params", "body", "static"],\n visitor:
["key", "params", "body", "decorators", "returnType", "typeParameters"],\n aliases: ["Function",
"Scopable", "BlockParent", "FunctionParent", "Method", "Private"],\n fields: Object.assign({},
_core.classMethodOrDeclareMethodCommon, _core.functionTypeAnnotationCommon, {\n key: {\n  validate:
(0, _utils.assertNodeType)("PrivateName")\n },\n body: {\n  validate: (0,
_utils.assertNodeType)("BlockStatement")\n }\n }\n});\n(0, _utils.default)("ImportAttribute", {\n visitor:
["key", "value"],\n fields: {\n key: {\n  validate: (0, _utils.assertNodeType)("Identifier", "StringLiteral")\n
},\n value: {\n  validate: (0, _utils.assertNodeType)("StringLiteral")\n }\n }\n});\n(0,
_utils.default)("Decorator", {\n visitor: ["expression"],\n fields: {\n expression: {\n  validate: (0,
_utils.assertNodeType)("Expression")\n }\n }\n});\n(0, _utils.default)("DoExpression", {\n visitor:
["body"],\n builder: ["body", "async"],\n aliases: ["Expression"],\n fields: {\n body: {\n  validate: (0,
_utils.assertNodeType)("BlockStatement")\n },\n async: {\n  validate: (0,
_utils.assertValueType)("boolean"),\n default: false\n }\n }\n});\n(0,
_utils.default)("ExportDefaultSpecifier", {\n visitor: ["exported"],\n aliases: ["ModuleSpecifier"],\n fields: {\n
exported: {\n  validate: (0, _utils.assertNodeType)("Identifier")\n }\n }\n});\n(0,
_utils.default)("PrivateName", {\n visitor: ["id"],\n aliases: ["Private"],\n fields: {\n id: {\n  validate: (0,
_utils.assertNodeType)("Identifier")\n }\n }\n});\n(0, _utils.default)("RecordExpression", {\n visitor:
["properties"],\n aliases: ["Expression"],\n fields: {\n properties: {\n  validate: (0, _utils.chain)((0,
_utils.assertValueType)("array"), (0, _utils.assertEach)((0, _utils.assertNodeType)("ObjectProperty",
"SpreadElement"))\n }\n }\n });\n(0, _utils.default)("TupleExpression", {\n fields: {\n elements: {\n
validate: (0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("Expression", "SpreadElement"))),\n default: []\n }\n },\n visitor: ["elements"],\n
aliases: ["Expression"]\n});\n(0, _utils.default)("DecimalLiteral", {\n builder: ["value"],\n fields: {\n value:
{\n  validate: (0, _utils.assertValueType)("string")\n }\n },\n aliases: ["Expression", "Pureish", "Literal",

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\Immutable\");\n(0, _utils.default)(\StaticBlock\, {\n visitor: [\body\],\n fields: {\n body: {\n validate:
(0, _utils.chain)((0, _utils.assertValueType)(\array\), (0, _utils.assertEach)((0,
_utils.assertNodeType)(\Statement\)))\n }},\n aliases: [\Scopable\, \BlockParent\]);\n(0,
_utils.default)(\ModuleExpression\, {\n visitor: [\body\],\n fields: {\n body: {\n validate: (0,
_utils.assertNodeType)(\Program\)\n }},\n aliases: [\Expression\]);\n};\n\nuse strict;\n\nvar _utils =
require(\./utils\");\n\nvar _core = require(\./core\");\n\nconst bool = (0,
_utils.assertValueType)(\boolean\);\nconst tsFunctionTypeAnnotationCommon = {\n returnType: {\n validate:
(0, _utils.assertNodeType)(\TSTypeAnnotation\, \Noop\),\n optional: true\n },\n typeParameters: {\n
validate: (0, _utils.assertNodeType)(\TSTypeParameterDeclaration\, \Noop\),\n optional: true\n }};\n(0,
_utils.default)(\TSPParameterProperty\, {\n aliases: [\LVal\],\n visitor: [\parameter\],\n fields: {\n
accessibility: {\n validate: (0, _utils.assertOneOf)(\public\, \private\, \protected\),\n optional: true\n
},\n readonly: {\n validate: (0, _utils.assertValueType)(\boolean\),\n optional: true\n },\n parameter:
{\n validate: (0, _utils.assertNodeType)(\Identifier\, \AssignmentPattern\)\n }}\n });\n(0,
_utils.default)(\TSDeclareFunction\, {\n aliases: [\Statement\, \Declaration\],\n visitor: [\id\,
\typeParameters\, \params\, \returnType\],\n fields: Object.assign({, _core.functionDeclarationCommon,
tsFunctionTypeAnnotationCommon)\n });\n(0, _utils.default)(\TSDeclareMethod\, {\n visitor: [\decorators\,
\key\, \typeParameters\, \params\, \returnType\],\n fields: Object.assign({,
_core.classMethodOrDeclareMethodCommon, tsFunctionTypeAnnotationCommon)\n });\n(0,
_utils.default)(\TSQualifiedName\, {\n aliases: [\TSEntityName\],\n visitor: [\left\, \right\],\n fields: {\n
left: (0, _utils.validateType)(\TSEntityName\),\n right: (0, _utils.validateType)(\Identifier\)\n }});\nconst
signatureDeclarationCommon = {\n typeParameters: (0,
_utils.validateOptionalType)(\TSTypeParameterDeclaration\),\n parameters: (0,
_utils.validateArrayOfType)([\Identifier\, \RestElement\]),\n typeAnnotation: (0,
_utils.validateOptionalType)(\TSTypeAnnotation\)\n });\nconst callConstructSignatureDeclaration = {\n aliases:
[\TSTypeElement\],\n visitor: [\typeParameters\, \parameters\, \typeAnnotation\],\n fields:
signatureDeclarationCommon\n };;\n(0, _utils.default)(\TSCallSignatureDeclaration\,
callConstructSignatureDeclaration);\n(0, _utils.default)(\TSConstructSignatureDeclaration\,
callConstructSignatureDeclaration);\nconst namedTypeElementCommon = {\n key: (0,
_utils.validateType)(\Expression\),\n computed: (0, _utils.validate)(bool),\n optional: (0,
_utils.validateOptional)(bool)\n };;\n(0, _utils.default)(\TSPropertySignature\, {\n aliases: [\TSTypeElement\],\n
visitor: [\key\, \typeAnnotation\, \initializer\],\n fields: Object.assign({, namedTypeElementCommon, {\n
readonly: (0, _utils.validateOptional)(bool),\n typeAnnotation: (0,
_utils.validateOptionalType)(\TSTypeAnnotation\),\n initializer: (0,
_utils.validateOptionalType)(\Expression\)\n }}\n });;\n(0, _utils.default)(\TSMethodSignature\, {\n aliases:
[\TSTypeElement\],\n visitor: [\key\, \typeParameters\, \parameters\, \typeAnnotation\],\n fields:
Object.assign({, signatureDeclarationCommon, namedTypeElementCommon, {\n kind: {\n validate: (0,
_utils.assertOneOf)(\method\, \get\, \set\)\n }}\n }});\n(0, _utils.default)(\TSIndexSignature\, {\n
aliases: [\TSTypeElement\],\n visitor: [\parameters\, \typeAnnotation\],\n fields: {\n readonly: (0,
_utils.validateOptional)(bool),\n static: (0, _utils.validateOptional)(bool),\n parameters: (0,
_utils.validateArrayOfType)(\Identifier\),\n typeAnnotation: (0,
_utils.validateOptionalType)(\TSTypeAnnotation\)\n }}\n });;\nconst tsKeywordTypes = [\TSAnyKeyword\,
\TSBooleanKeyword\, \TSBigIntKeyword\, \TSIntrinsicKeyword\, \TSNeverKeyword\,
\TSNullKeyword\, \TSNumberKeyword\, \TSObjectKeyword\, \TSStringKeyword\,
\TSSymbolKeyword\, \TSUndefinedKeyword\, \TSUnknownKeyword\, \TSVoidKeyword\];\n\nfor (const
type of tsKeywordTypes) {\n (0, _utils.default)(type, {\n aliases: [\TSType\, \TSBaseType\],\n visitor: [],\n
fields: {} }\n });;\n\n(0, _utils.default)(\TSThisType\, {\n aliases: [\TSType\, \TSBaseType\],\n visitor: [],\n
fields: {} }\n });;\n\nconst fnOrCtrBase = {\n aliases: [\TSType\],\n visitor: [\typeParameters\, \parameters\,
\typeAnnotation\]\n };;\n(0, _utils.default)(\TSFunctionType\, Object.assign({, fnOrCtrBase, {\n fields:

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signatureDeclarationCommon\n}));\n(0, _utils.default)("TSConstructorType", Object.assign({}, fnOrCtrBase, {\n
fields: Object.assign({}, signatureDeclarationCommon, {\n  abstract: (0, _utils.validateOptional)(bool)\n
})\n}));\n(0, _utils.default)("TSTypeReference", {\n  aliases: ["TSType"],\n  visitor: ["typeName",
"typeParameters"],\n  fields: {\n  typeName: (0, _utils.validateType)("TSEntityName"),\n  typeParameters: (0,
_utils.validateOptionalType)("TSTypeParameterInstantiation")\n  }\n});\n(0, _utils.default)("TSTypePredicate",
{\n  aliases: ["TSType"],\n  visitor: ["parameterName", "typeAnnotation"],\n  builder: ["parameterName",
"typeAnnotation", "asserts"],\n  fields: {\n  parameterName: (0, _utils.validateType)("Identifier",
"TSThisType"),\n  typeAnnotation: (0, _utils.validateOptionalType)("TSTypeAnnotation"),\n  asserts: (0,
_utils.validateOptional)(bool)\n  }\n});\n(0, _utils.default)("TSTypeQuery", {\n  aliases: ["TSType"],\n  visitor:
["exprName"],\n  fields: {\n  exprName: (0, _utils.validateType)("TSEntityName", "TSImportType")\n
}\n});\n(0, _utils.default)("TSTypeLiteral", {\n  aliases: ["TSType"],\n  visitor: ["members"],\n  fields: {\n
members: (0, _utils.validateArrayOfType)("TSTypeElement")\n  }\n});\n(0, _utils.default)("TSArrayType", {\n
aliases: ["TSType"],\n  visitor: ["elementType"],\n  fields: {\n  elementType: (0,
_utils.validateType)("TSType")\n  }\n});\n(0, _utils.default)("TSTupleType", {\n  aliases: ["TSType"],\n
visitor: ["elementTypes"],\n  fields: {\n  elementTypes: (0, _utils.validateArrayOfType)("TSType",
"TSNamedTupleMember")\n  }\n});\n(0, _utils.default)("TSOptionalType", {\n  aliases: ["TSType"],\n  visitor:
["typeAnnotation"],\n  fields: {\n  typeAnnotation: (0, _utils.validateType)("TSType")\n  }\n});\n(0,
_utils.default)("TSRestType", {\n  aliases: ["TSType"],\n  visitor: ["typeAnnotation"],\n  fields: {\n
typeAnnotation: (0, _utils.validateType)("TSType")\n  }\n});\n(0, _utils.default)("TSNamedTupleMember", {\n
visitor: ["label", "elementType"],\n  builder: ["label", "elementType", "optional"],\n  fields: {\n  label: (0,
_utils.validateType)("Identifier"),\n  optional: {\n  validate: bool,\n  default: false\n  },\n  elementType: (0,
_utils.validateType)("TSType")\n  }\n});\nconst unionOrIntersection = {\n  aliases: ["TSType"],\n  visitor:
["types"],\n  fields: {\n  types: (0, _utils.validateArrayOfType)("TSType")\n  }\n};\n(0,
_utils.default)("TSUnionType", unionOrIntersection);\n(0, _utils.default)("TSIntersectionType",
unionOrIntersection);\n(0, _utils.default)("TSConditionalType", {\n  aliases: ["TSType"],\n  visitor:
["checkType", "extendsType", "trueType", "falseType"],\n  fields: {\n  checkType: (0,
_utils.validateType)("TSType"),\n  extendsType: (0, _utils.validateType)("TSType"),\n  trueType: (0,
_utils.validateType)("TSType"),\n  falseType: (0, _utils.validateType)("TSType")\n  }\n});\n(0,
_utils.default)("TSInferType", {\n  aliases: ["TSType"],\n  visitor: ["typeParameter"],\n  fields: {\n
typeParameter: (0, _utils.validateType)("TSTypeParameter")\n  }\n});\n(0,
_utils.default)("TSParenthesizedType", {\n  aliases: ["TSType"],\n  visitor: ["typeAnnotation"],\n  fields: {\n
typeAnnotation: (0, _utils.validateType)("TSType")\n  }\n});\n(0, _utils.default)("TSTypeOperator", {\n
aliases: ["TSType"],\n  visitor: ["typeAnnotation"],\n  fields: {\n  operator: (0, _utils.validate)((0,
_utils.assertValueType)("string")),\n  typeAnnotation: (0, _utils.validateType)("TSType")\n  }\n});\n(0,
_utils.default)("TSIndexedAccessType", {\n  aliases: ["TSType"],\n  visitor: ["objectType", "indexType"],\n
fields: {\n  objectType: (0, _utils.validateType)("TSType"),\n  indexType: (0,
_utils.validateType)("TSType")\n  }\n});\n(0, _utils.default)("TSMappedType", {\n  aliases: ["TSType"],\n
visitor: ["typeParameter", "typeAnnotation", "nameType"],\n  fields: {\n  readonly: (0,
_utils.validateOptional)(bool),\n  typeParameter: (0, _utils.validateType)("TSTypeParameter"),\n  optional: (0,
_utils.validateOptional)(bool),\n  typeAnnotation: (0, _utils.validateOptionalType)("TSType"),\n  nameType: (0,
_utils.validateOptionalType)("TSType")\n  }\n});\n(0, _utils.default)("TSLiteralType", {\n  aliases: ["TSType",
"TSBaseType"],\n  visitor: ["literal"],\n  fields: {\n  literal: (0, _utils.validateType)(["NumericLiteral",
"StringLiteral", "BooleanLiteral", "BigIntLiteral"])\n  }\n});\n(0,
_utils.default)("TSExpressionWithTypeArguments", {\n  aliases: ["TSType"],\n  visitor: ["expression",
"typeParameters"],\n  fields: {\n  expression: (0, _utils.validateType)("TSEntityName"),\n  typeParameters: (0,
_utils.validateOptionalType)("TSTypeParameterInstantiation")\n  }\n});\n(0,
_utils.default)("TSInterfaceDeclaration", {\n  aliases: ["Statement", "Declaration"],\n  visitor: ["id",
"typeParameters", "extends", "body"],\n  fields: {\n  declare: (0, _utils.validateOptional)(bool),\n  id: (0,

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_utils.validateType)("Identifier"),\n  typeParameters: (0,
_utils.validateOptionalType)("TSTypeParameterDeclaration"),\n  extends: (0, _utils.validateOptional)((0,
_utils.arrayOfType)("TSExpressionWithTypeArguments")), \n  body: (0,
_utils.validateType)("TSInterfaceBody")\n } \n});\n(0, _utils.default)("TSInterfaceBody", { \n visitor:
["body"], \n fields: { \n  body: (0, _utils.validateArrayOfType)("TSTypeElement")\n } \n});\n(0,
_utils.default)("TSTypeAliasDeclaration", { \n aliases: ["Statement", "Declaration"], \n visitor: ["id",
"typeParameters", "typeAnnotation"], \n fields: { \n  declare: (0, _utils.validateOptional)(bool), \n  id: (0,
_utils.validateType)("Identifier"), \n  typeParameters: (0,
_utils.validateOptionalType)("TSTypeParameterDeclaration"), \n  typeAnnotation: (0,
_utils.validateType)("TSType")\n } \n});\n(0, _utils.default)("TSAsExpression", { \n aliases: ["Expression"], \n
visitor: ["expression", "typeAnnotation"], \n fields: { \n  expression: (0, _utils.validateType)("Expression"), \n
typeAnnotation: (0, _utils.validateType)("TSType")\n } \n});\n(0, _utils.default)("TSTypeAssertion", { \n aliases:
["Expression"], \n visitor: ["typeAnnotation", "expression"], \n fields: { \n  typeAnnotation: (0,
_utils.validateType)("TSType"), \n  expression: (0, _utils.validateType)("Expression")\n } \n});\n(0,
_utils.default)("TSEnumDeclaration", { \n aliases: ["Statement", "Declaration"], \n visitor: ["id",
"members"], \n fields: { \n  declare: (0, _utils.validateOptional)(bool), \n  const: (0,
_utils.validateOptional)(bool), \n  id: (0, _utils.validateType)("Identifier"), \n  members: (0,
_utils.validateArrayOfType)("TSEnumMember"), \n  initializer: (0,
_utils.validateOptionalType)("Expression")\n } \n});\n(0, _utils.default)("TSEnumMember", { \n visitor: ["id",
"initializer"], \n fields: { \n  id: (0, _utils.validateType)(["Identifier", "StringLiteral"]), \n  initializer: (0,
_utils.validateOptionalType)("Expression")\n } \n});\n(0, _utils.default)("TSMODULEDECLARATION", { \n aliases:
["Statement", "Declaration"], \n visitor: ["id", "body"], \n fields: { \n  declare: (0,
_utils.validateOptional)(bool), \n  global: (0, _utils.validateOptional)(bool), \n  id: (0,
_utils.validateType)(["Identifier", "StringLiteral"]), \n  body: (0, _utils.validateType)(["TSMODULEBLOCK",
"TSMODULEDECLARATION"]) \n } \n});\n(0, _utils.default)("TSMODULEBLOCK", { \n aliases: ["Scopable", "Block",
"BlockParent"], \n visitor: ["body"], \n fields: { \n  body: (0, _utils.validateArrayOfType)("Statement")\n
} \n});\n(0, _utils.default)("TSImportType", { \n aliases: ["TSType"], \n visitor: ["argument", "qualifier",
"typeParameters"], \n fields: { \n  argument: (0, _utils.validateType)("StringLiteral"), \n  qualifier: (0,
_utils.validateOptionalType)("TSEntityName"), \n  typeParameters: (0,
_utils.validateOptionalType)("TSTypeParameterInstantiation")\n } \n});\n(0,
_utils.default)("TSImportEqualsDeclaration", { \n aliases: ["Statement"], \n visitor: ["id",
"moduleReference"], \n fields: { \n  isExport: (0, _utils.validate)(bool), \n  id: (0,
_utils.validateType)("Identifier"), \n  moduleReference: (0, _utils.validateType)(["TSEntityName",
"TSExternalModuleReference"]) \n } \n});\n(0, _utils.default)("TSExternalModuleReference", { \n visitor:
["expression"], \n fields: { \n  expression: (0, _utils.validateType)("StringLiteral")\n } \n});\n(0,
_utils.default)("TSNonNullExpression", { \n aliases: ["Expression"], \n visitor: ["expression"], \n fields: { \n
expression: (0, _utils.validateType)("Expression")\n } \n});\n(0, _utils.default)("TSEXPORTASSIGNMENT", { \n
aliases: ["Statement"], \n visitor: ["expression"], \n fields: { \n  expression: (0,
_utils.validateType)("Expression")\n } \n});\n(0, _utils.default)("TSNamespaceExportDeclaration", { \n aliases:
["Statement"], \n visitor: ["id"], \n fields: { \n  id: (0, _utils.validateType)("Identifier")\n } \n});\n(0,
_utils.default)("TSTypeAnnotation", { \n visitor: ["typeAnnotation"], \n fields: { \n  typeAnnotation: { \n
validate: (0, _utils.assertNodeType)("TSType")\n } \n } \n});\n(0,
_utils.default)("TSTypeParameterInstantiation", { \n visitor: ["params"], \n fields: { \n  params: { \n  validate:
(0, _utils.chain)((0, _utils.assertValueType)("array"), (0, _utils.assertEach)((0,
_utils.assertNodeType)("TSType")))\n } \n } \n});\n(0, _utils.default)("TSTypeParameterDeclaration", { \n
visitor: ["params"], \n fields: { \n  params: { \n  validate: (0, _utils.chain)((0, _utils.assertValueType)("array"),
(0, _utils.assertEach)((0, _utils.assertNodeType)("TSTypeParameter")))\n } \n } \n});\n(0,
_utils.default)("TSTypeParameter", { \n builder: ["constraint", "default", "name"], \n visitor: ["constraint"],

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"default\"]);
\n fields: {\n name: {\n validate: (0, _utils.assertValueType)("string")\n },\n constraint: {\n
validate: (0, _utils.assertNodeType)("TSType"),\n optional: true\n },\n default: {\n validate: (0,
_utils.assertNodeType)("TSType"),\n optional: true\n } \n } \n });";
\n\n"use
strict";
\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});
\n\nexports.default =
assertNode;
\n\nvar _isNode = require("../validators/isNode");
\n\nfunction assertNode(node) {\n if (!(0,
_isNode.default)(node)) {\n var _node$type;
\n\n const type = (_node$type = node == null ? void 0 : node.type)
!= null ? _node$type : JSON.stringify(node);
\n throw new TypeError("Not a valid node of type \"${type}\"");
\n } \n }";
\n\n"use strict";
\n\nObject.defineProperty(exports, "__esModule", {\n value:
true\n});
\n\nexports.assertArrayExpression = assertArrayExpression;
\n\nexports.assertAssignmentExpression =
assertAssignmentExpression;
\n\nexports.assertBinaryExpression =
assertBinaryExpression;
\n\nexports.assertInterpreterDirective =
assertInterpreterDirective;
\n\nexports.assertDirective =
assertDirective;
\n\nexports.assertDirectiveLiteral =
assertDirectiveLiteral;
\n\nexports.assertBlockStatement =
assertBlockStatement;
\n\nexports.assertBreakStatement =
assertBreakStatement;
\n\nexports.assertCallExpression =
assertCallExpression;
\n\nexports.assertCatchClause =
assertCatchClause;
\n\nexports.assertConditionalExpression =
assertConditionalExpression;
\n\nexports.assertContinueStatement =
assertContinueStatement;
\n\nexports.assertDebuggerStatement =
assertDebuggerStatement;
\n\nexports.assertDoWhileStatement =
assertDoWhileStatement;
\n\nexports.assertEmptyStatement =
assertEmptyStatement;
\n\nexports.assertExpressionStatement =
assertExpressionStatement;
\n\nexports.assertFile =
assertFile;
\n\nexports.assertForInStatement =
assertForInStatement;
\n\nexports.assertForStatement =
assertForStatement;
\n\nexports.assertFunctionDeclaration =
assertFunctionDeclaration;
\n\nexports.assertFunctionExpression =
assertFunctionExpression;
\n\nexports.assertIdentifier =
assertIdentifier;
\n\nexports.assertIfStatement =
assertIfStatement;
\n\nexports.assertLabeledStatement =
assertLabeledStatement;
\n\nexports.assertStringLiteral =
assertStringLiteral;
\n\nexports.assertNumericLiteral =
assertNumericLiteral;
\n\nexports.assertNullLiteral =
assertNullLiteral;
\n\nexports.assertBooleanLiteral =
assertBooleanLiteral;
\n\nexports.assertRegExpLiteral =
assertRegExpLiteral;
\n\nexports.assertLogicalExpression =
assertLogicalExpression;
\n\nexports.assertMemberExpression =
assertMemberExpression;
\n\nexports.assertNewExpression =
assertNewExpression;
\n\nexports.assertProgram =
assertProgram;
\n\nexports.assertObjectExpression =
assertObjectExpression;
\n\nexports.assertObjectMethod =
assertObjectMethod;
\n\nexports.assertObjectProperty =
assertObjectProperty;
\n\nexports.assertRestElement =
assertRestElement;
\n\nexports.assertReturnStatement =
assertReturnStatement;
\n\nexports.assertSequenceExpression =
assertSequenceExpression;
\n\nexports.assertParenthesizedExpression =
assertParenthesizedExpression;
\n\nexports.assertSwitchCase =
assertSwitchCase;
\n\nexports.assertSwitchStatement =
assertSwitchStatement;
\n\nexports.assertThisExpression =
assertThisExpression;
\n\nexports.assertThrowStatement =
assertThrowStatement;
\n\nexports.assertTryStatement =
assertTryStatement;
\n\nexports.assertUnaryExpression =
assertUnaryExpression;
\n\nexports.assertUpdateExpression =
assertUpdateExpression;
\n\nexports.assertVariableDeclaration =
assertVariableDeclaration;
\n\nexports.assertVariableDeclarator =
assertVariableDeclarator;
\n\nexports.assertWhileStatement =
assertWhileStatement;
\n\nexports.assertWithStatement =
assertWithStatement;
\n\nexports.assertAssignmentPattern =
assertAssignmentPattern;
\n\nexports.assertArrayPattern =
assertArrayPattern;
\n\nexports.assertArrowFunctionExpression =
assertArrowFunctionExpression;
\n\nexports.assertClassBody =
assertClassBody;
\n\nexports.assertClassExpression =
assertClassExpression;
\n\nexports.assertClassDeclaration =
assertClassDeclaration;
\n\nexports.assertExportAllDeclaration =
assertExportAllDeclaration;
\n\nexports.assertExportDefaultDeclaration =
assertExportDefaultDeclaration;
\n\nexports.assertExportNamedDeclaration =
assertExportNamedDeclaration;
\n\nexports.assertExportSpecifier =
assertExportSpecifier;
\n\nexports.assertForOfStatement =
assertForOfStatement;
\n\nexports.assertImportDeclaration =

```

assertImportDeclaration;\nexports.assertImportDefaultSpecifier =
assertImportDefaultSpecifier;\nexports.assertImportNamespaceSpecifier =
assertImportNamespaceSpecifier;\nexports.assertImportSpecifier =
assertImportSpecifier;\nexports.assertMetaProperty = assertMetaProperty;\nexports.assertClassMethod =
assertClassMethod;\nexports.assertObjectPattern = assertObjectPattern;\nexports.assertSpreadElement =
assertSpreadElement;\nexports.assertSuper = assertSuper;\nexports.assertTaggedTemplateExpression =
assertTaggedTemplateExpression;\nexports.assertTemplateElement =
assertTemplateElement;\nexports.assertTemplateLiteral = assertTemplateLiteral;\nexports.assertYieldExpression =
assertYieldExpression;\nexports.assertAwaitExpression = assertAwaitExpression;\nexports.assertImport =
assertImport;\nexports.assertBigIntLiteral = assertBigIntLiteral;\nexports.assertExportNamespaceSpecifier =
assertExportNamespaceSpecifier;\nexports.assertOptionalMemberExpression =
assertOptionalMemberExpression;\nexports.assertOptionalCallExpression =
assertOptionalCallExpression;\nexports.assertAnyTypeAnnotation =
assertAnyTypeAnnotation;\nexports.assertArrayTypeAnnotation =
assertArrayTypeAnnotation;\nexports.assertBooleanTypeAnnotation =
assertBooleanTypeAnnotation;\nexports.assertBooleanLiteralTypeAnnotation =
assertBooleanLiteralTypeAnnotation;\nexports.assertNullLiteralTypeAnnotation =
assertNullLiteralTypeAnnotation;\nexports.assertClassImplements =
assertClassImplements;\nexports.assertDeclareClass = assertDeclareClass;\nexports.assertDeclareFunction =
assertDeclareFunction;\nexports.assertDeclareInterface = assertDeclareInterface;\nexports.assertDeclareModule =
assertDeclareModule;\nexports.assertDeclareModuleExports =
assertDeclareModuleExports;\nexports.assertDeclareTypeAlias =
assertDeclareTypeAlias;\nexports.assertDeclareOpaqueType =
assertDeclareOpaqueType;\nexports.assertDeclareVariable =
assertDeclareVariable;\nexports.assertDeclareExportDeclaration =
assertDeclareExportDeclaration;\nexports.assertDeclareExportAllDeclaration =
assertDeclareExportAllDeclaration;\nexports.assertDeclaredPredicate =
assertDeclaredPredicate;\nexports.assertExistsTypeAnnotation =
assertExistsTypeAnnotation;\nexports.assertFunctionTypeAnnotation =
assertFunctionTypeAnnotation;\nexports.assertFunctionTypeParam =
assertFunctionTypeParam;\nexports.assertGenericTypeAnnotation =
assertGenericTypeAnnotation;\nexports.assertInferredPredicate =
assertInferredPredicate;\nexports.assertInterfaceExtends =
assertInterfaceExtends;\nexports.assertInterfaceDeclaration =
assertInterfaceDeclaration;\nexports.assertInterfaceTypeAnnotation =
assertInterfaceTypeAnnotation;\nexports.assertIntersectionTypeAnnotation =
assertIntersectionTypeAnnotation;\nexports.assertMixedTypeAnnotation =
assertMixedTypeAnnotation;\nexports.assertEmptyTypeAnnotation =
assertEmptyTypeAnnotation;\nexports.assertNullableTypeAnnotation =
assertNullableTypeAnnotation;\nexports.assertNumberLiteralTypeAnnotation =
assertNumberLiteralTypeAnnotation;\nexports.assertNumberTypeAnnotation =
assertNumberTypeAnnotation;\nexports.assertObjectTypeAnnotation =
assertObjectTypeAnnotation;\nexports.assertObjectTypeInternalSlot =
assertObjectTypeInternalSlot;\nexports.assertObjectTypeCallProperty =
assertObjectTypeCallProperty;\nexports.assertObjectTypeIndexer =
assertObjectTypeIndexer;\nexports.assertObjectTypeProperty =
assertObjectTypeProperty;\nexports.assertObjectTypeSpreadProperty =
assertObjectTypeSpreadProperty;\nexports.assertOpaqueType =

assertOpaqueType;\nexports.assertQualifiedTypeIdentifier =
assertQualifiedTypeIdentifier;\nexports.assertStringLiteralTypeAnnotation =
assertStringLiteralTypeAnnotation;\nexports.assertStringTypeAnnotation =
assertStringTypeAnnotation;\nexports.assertSymbolTypeAnnotation =
assertSymbolTypeAnnotation;\nexports.assertThisTypeAnnotation =
assertThisTypeAnnotation;\nexports.assertTupleTypeAnnotation =
assertTupleTypeAnnotation;\nexports.assertTypeofTypeAnnotation =
assertTypeofTypeAnnotation;\nexports.assertTypeAlias = assertTypeAlias;\nexports.assertTypeAnnotation =
assertTypeAnnotation;\nexports.assertTypeCastExpression =
assertTypeCastExpression;\nexports.assertTypeParameter =
assertTypeParameter;\nexports.assertTypeParameterDeclaration =
assertTypeParameterDeclaration;\nexports.assertTypeParameterInstantiation =
assertTypeParameterInstantiation;\nexports.assertUnionTypeAnnotation =
assertUnionTypeAnnotation;\nexports.assertVariance = assertVariance;\nexports.assertVoidTypeAnnotation =
assertVoidTypeAnnotation;\nexports.assertEnumDeclaration =
assertEnumDeclaration;\nexports.assertEnumBooleanBody =
assertEnumBooleanBody;\nexports.assertEnumNumberBody =
assertEnumNumberBody;\nexports.assertEnumStringBody =
assertEnumStringBody;\nexports.assertEnumSymbolBody =
assertEnumSymbolBody;\nexports.assertEnumBooleanMember =
assertEnumBooleanMember;\nexports.assertEnumNumberMember =
assertEnumNumberMember;\nexports.assertEnumStringMember =
assertEnumStringMember;\nexports.assertEnumDefaultedMember =
assertEnumDefaultedMember;\nexports.assertIndexedAccessType =
assertIndexedAccessType;\nexports.assertOptionalIndexedAccessType =
assertOptionalIndexedAccessType;\nexports.assertJSXAttribute =
assertJSXAttribute;\nexports.assertJSXClosingElement = assertJSXClosingElement;\nexports.assertJSXElement =
assertJSXElement;\nexports.assertJSXEmptyExpression =
assertJSXEmptyExpression;\nexports.assertJSXExpressionContainer =
assertJSXExpressionContainer;\nexports.assertJSXSpreadChild =
assertJSXSpreadChild;\nexports.assertJSXIdentifier = assertJSXIdentifier;\nexports.assertJSXMemberExpression =
assertJSXMemberExpression;\nexports.assertJSXNamespacedName =
assertJSXNamespacedName;\nexports.assertJSXOpeningElement =
assertJSXOpeningElement;\nexports.assertJSXSpreadAttribute = assertJSXSpreadAttribute;\nexports.assertJSXText
= assertJSXText;\nexports.assertJSXFragment = assertJSXFragment;\nexports.assertJSXOpeningFragment =
assertJSXOpeningFragment;\nexports.assertJSXClosingFragment =
assertJSXClosingFragment;\nexports.assertNoop = assertNoop;\nexports.assertPlaceholder =
assertPlaceholder;\nexports.assertV8IntrinsicIdentifier =
assertV8IntrinsicIdentifier;\nexports.assertArgumentPlaceholder =
assertArgumentPlaceholder;\nexports.assertBindExpression = assertBindExpression;\nexports.assertClassProperty =
assertClassProperty;\nexports.assertPipelineTopicExpression =
assertPipelineTopicExpression;\nexports.assertPipelineBareFunction =
assertPipelineBareFunction;\nexports.assertPipelinePrimaryTopicReference =
assertPipelinePrimaryTopicReference;\nexports.assertClassPrivateProperty =
assertClassPrivateProperty;\nexports.assertClassPrivateMethod =
assertClassPrivateMethod;\nexports.assertImportAttribute = assertImportAttribute;\nexports.assertDecorator =
assertDecorator;\nexports.assertDoExpression = assertDoExpression;\nexports.assertExportDefaultSpecifier =
assertExportDefaultSpecifier;\nexports.assertPrivateName = assertPrivateName;\nexports.assertRecordExpression =

assertRecordExpression;\nexports.assertTupleExpression = assertTupleExpression;\nexports.assertDecimalLiteral =
assertDecimalLiteral;\nexports.assertStaticBlock = assertStaticBlock;\nexports.assertModuleExpression =
assertModuleExpression;\nexports.assertTSParameterProperty =
assertTSParameterProperty;\nexports.assertTSDeclareFunction =
assertTSDeclareFunction;\nexports.assertTSDeclareMethod =
assertTSDeclareMethod;\nexports.assertTSQualifiedName =
assertTSQualifiedName;\nexports.assertTSCallSignatureDeclaration =
assertTSCallSignatureDeclaration;\nexports.assertTSConstructSignatureDeclaration =
assertTSConstructSignatureDeclaration;\nexports.assertTSPropertySignature =
assertTSPropertySignature;\nexports.assertTSMethodSignature =
assertTSMethodSignature;\nexports.assertTSIndexSignature =
assertTSIndexSignature;\nexports.assertTSAnyKeyword =
assertTSAnyKeyword;\nexports.assertTSBooleanKeyword =
assertTSBooleanKeyword;\nexports.assertTSBigIntKeyword =
assertTSBigIntKeyword;\nexports.assertTSIntrinsicKeyword =
assertTSIntrinsicKeyword;\nexports.assertTSNeverKeyword =
assertTSNeverKeyword;\nexports.assertTSNullKeyword =
assertTSNullKeyword;\nexports.assertTSNumberKeyword =
assertTSNumberKeyword;\nexports.assertTSObjectKeyword =
assertTSObjectKeyword;\nexports.assertTSStringKeyword =
assertTSStringKeyword;\nexports.assertTSSymbolKeyword =
assertTSSymbolKeyword;\nexports.assertTSUndefinedKeyword =
assertTSUndefinedKeyword;\nexports.assertTSUnknownKeyword =
assertTSUnknownKeyword;\nexports.assertTSVoidKeyword = assertTSVoidKeyword;\nexports.assertTSThisType
= assertTSThisType;\nexports.assertTSFunctionType = assertTSFunctionType;\nexports.assertTSConstructorType =
assertTSConstructorType;\nexports.assertTSTypeReference =
assertTSTypeReference;\nexports.assertTSTypePredicate = assertTSTypePredicate;\nexports.assertTSTypeQuery =
assertTSTypeQuery;\nexports.assertTSTypeLiteral = assertTSTypeLiteral;\nexports.assertTSArrayType =
assertTSArrayType;\nexports.assertTSTupleType = assertTSTupleType;\nexports.assertTSOptionalType =
assertTSOptionalType;\nexports.assertTSRestType = assertTSRestType;\nexports.assertTSNamedTupleMember =
assertTSNamedTupleMember;\nexports.assertTSUnionType =
assertTSUnionType;\nexports.assertTSIntersectionType =
assertTSIntersectionType;\nexports.assertTSConditionalType =
assertTSConditionalType;\nexports.assertTSInferType = assertTSInferType;\nexports.assertTSParenthesizedType =
assertTSParenthesizedType;\nexports.assertTSTypeOperator =
assertTSTypeOperator;\nexports.assertTSIndexedAccessType =
assertTSIndexedAccessType;\nexports.assertTSMappedType =
assertTSMappedType;\nexports.assertTSLiteralType =
assertTSLiteralType;\nexports.assertTSExpressionWithTypeArguments =
assertTSExpressionWithTypeArguments;\nexports.assertTSInterfaceDeclaration =
assertTSInterfaceDeclaration;\nexports.assertTSInterfaceBody =
assertTSInterfaceBody;\nexports.assertTSTypeAliasDeclaration =
assertTSTypeAliasDeclaration;\nexports.assertTSAsExpression =
assertTSAsExpression;\nexports.assertTSTypeAssertion =
assertTSTypeAssertion;\nexports.assertTSEnumDeclaration =
assertTSEnumDeclaration;\nexports.assertTSEnumMember =
assertTSEnumMember;\nexports.assertTSModuleDeclaration =
assertTSModuleDeclaration;\nexports.assertTSModuleBlock =


```

assertTSMODULEBLOCK;\nextports.assertTSImportType =
assertTSImportType;\nextports.assertTSImportEqualsDeclaration =
assertTSImportEqualsDeclaration;\nextports.assertTSExternalModuleReference =
assertTSExternalModuleReference;\nextports.assertTSNonNullExpression =
assertTSNonNullExpression;\nextports.assertTSExportAssignment =
assertTSExportAssignment;\nextports.assertTSNamespaceExportDeclaration =
assertTSNamespaceExportDeclaration;\nextports.assertTSTypeAnnotation =
assertTSTypeAnnotation;\nextports.assertTSTypeParameterInstantiation =
assertTSTypeParameterInstantiation;\nextports.assertTSTypeParameterDeclaration =
assertTSTypeParameterDeclaration;\nextports.assertTSTypeParameter =
assertTSTypeParameter;\nextports.assertExpression = assertExpression;\nextports.assertBinary =
assertBinary;\nextports.assertScopable = assertScopable;\nextports.assertBlockParent =
assertBlockParent;\nextports.assertBlock = assertBlock;\nextports.assertStatement =
assertStatement;\nextports.assertTerminatorless = assertTerminatorless;\nextports.assertCompletionStatement =
assertCompletionStatement;\nextports.assertConditional = assertConditional;\nextports.assertLoop =
assertLoop;\nextports.assertWhile = assertWhile;\nextports.assertExpressionWrapper =
assertExpressionWrapper;\nextports.assertFor = assertFor;\nextports.assertForXStatement =
assertForXStatement;\nextports.assertFunction = assertFunction;\nextports.assertFunctionParent =
assertFunctionParent;\nextports.assertPureish = assertPureish;\nextports.assertDeclaration =
assertDeclaration;\nextports.assertPatternLike = assertPatternLike;\nextports.assertLVal =
assertLVal;\nextports.assertTSEntityName = assertTSEntityName;\nextports.assertLiteral =
assertLiteral;\nextports.assertImmutable = assertImmutable;\nextports.assertUserWhitespacable =
assertUserWhitespacable;\nextports.assertMethod = assertMethod;\nextports.assertObjectMember =
assertObjectMember;\nextports.assertProperty = assertProperty;\nextports.assertUnaryLike =
assertUnaryLike;\nextports.assertPattern = assertPattern;\nextports.assertClass =
assertClass;\nextports.assertModuleDeclaration = assertModuleDeclaration;\nextports.assertExportDeclaration =
assertExportDeclaration;\nextports.assertModuleSpecifier = assertModuleSpecifier;\nextports.assertFlow =
assertFlow;\nextports.assertFlowType = assertFlowType;\nextports.assertFlowBaseAnnotation =
assertFlowBaseAnnotation;\nextports.assertFlowDeclaration = assertFlowDeclaration;\nextports.assertFlowPredicate =
assertFlowPredicate;\nextports.assertEnumBody = assertEnumBody;\nextports.assertEnumMember =
assertEnumMember;\nextports.assertJSX = assertJSX;\nextports.assertPrivate =
assertPrivate;\nextports.assertTSTypeElement = assertTSTypeElement;\nextports.assertTSType =
assertTSType;\nextports.assertTSBaseType = assertTSBaseType;\nextports.assertNumberLiteral =
assertNumberLiteral;\nextports.assertRegexLiteral = assertRegexLiteral;\nextports.assertRestProperty =
assertRestProperty;\nextports.assertSpreadProperty = assertSpreadProperty;\n\nvar _is =
require("../validators/is");\n\nfunction assert(type, node, opts) {\n  if (!(0, _is.default)(type, node, opts)) {\n    throw new Error(`Expected type \`${type}\` with option ${JSON.stringify(opts)}, ` + `but instead got \`${node.type}\`.`);\n  }\n}\n\nfunction assertArrayExpression(node, opts) {\n  assert(`ArrayExpression`, node,\n  opts);\n}\n\nfunction assertAssignmentExpression(node, opts) {\n  assert(`AssignmentExpression`, node,\n  opts);\n}\n\nfunction assertBinaryExpression(node, opts) {\n  assert(`BinaryExpression`, node,\n  opts);\n}\n\nfunction assertInterpreterDirective(node, opts) {\n  assert(`InterpreterDirective`, node,\n  opts);\n}\n\nfunction assertDirective(node, opts) {\n  assert(`Directive`, node, opts);\n}\n\nfunction\nassertDirectiveLiteral(node, opts) {\n  assert(`DirectiveLiteral`, node, opts);\n}\n\nfunction\nassertBlockStatement(node, opts) {\n  assert(`BlockStatement`, node, opts);\n}\n\nfunction\nassertBreakStatement(node, opts) {\n  assert(`BreakStatement`, node, opts);\n}\n\nfunction\nassertCallExpression(node, opts) {\n  assert(`CallExpression`, node, opts);\n}\n\nfunction assertCatchClause(node,\n  opts) {\n  assert(`CatchClause`, node, opts);\n}\n\nfunction assertConditionalExpression(node, opts) {\n  assert(`ConditionalExpression`, node, opts);\n}\n\nfunction assertContinueStatement(node, opts) {\n

```

```

assert("ContinueStatement", node, opts);
}
}
function assertDebuggerStatement(node, opts) {
  assert("DebuggerStatement", node, opts);
}
}
function assertDoWhileStatement(node, opts) {
  assert("DoWhileStatement", node, opts);
}
}
function assertEmptyStatement(node, opts) {
  assert("EmptyStatement", node, opts);
}
}
function assertExpressionStatement(node, opts) {
  assert("ExpressionStatement", node, opts);
}
}
function assertFile(node, opts) {
  assert("File", node,
  opts);
}
}
function assertForInStatement(node, opts) {
  assert("ForInStatement", node, opts);
}
}
function
assertForStatement(node, opts) {
  assert("ForStatement", node, opts);
}
}
function
assertFunctionDeclaration(node, opts) {
  assert("FunctionDeclaration", node, opts);
}
}
function
assertFunctionExpression(node, opts) {
  assert("FunctionExpression", node, opts);
}
}
function
assertIdentifier(node, opts) {
  assert("Identifier", node, opts);
}
}
function assertIfStatement(node, opts) {
  assert("IfStatement", node, opts);
}
}
function assertLabeledStatement(node, opts) {
  assert("LabeledStatement", node, opts);
}
}
function assertStringLiteral(node, opts) {
  assert("StringLiteral",
  node, opts);
}
}
function assertNumericLiteral(node, opts) {
  assert("NumericLiteral", node,
  opts);
}
}
function assertNullLiteral(node, opts) {
  assert("NullLiteral", node, opts);
}
}
function
assertBooleanLiteral(node, opts) {
  assert("BooleanLiteral", node, opts);
}
}
function
assertRegExpLiteral(node, opts) {
  assert("RegExpLiteral", node, opts);
}
}
function
assertLogicalExpression(node, opts) {
  assert("LogicalExpression", node, opts);
}
}
function
assertMemberExpression(node, opts) {
  assert("MemberExpression", node, opts);
}
}
function
assertNewExpression(node, opts) {
  assert("NewExpression", node, opts);
}
}
function assertProgram(node,
  opts) {
  assert("Program", node, opts);
}
}
function assertObjectExpression(node, opts) {
  assert("ObjectExpression", node, opts);
}
}
function assertObjectMethod(node, opts) {
  assert("ObjectMethod", node, opts);
}
}
function assertObjectProperty(node, opts) {
  assert("ObjectProperty", node, opts);
}
}
function assertRestElement(node, opts) {
  assert("RestElement",
  node, opts);
}
}
function assertReturnStatement(node, opts) {
  assert("ReturnStatement", node,
  opts);
}
}
function assertSequenceExpression(node, opts) {
  assert("SequenceExpression", node,
  opts);
}
}
function assertParenthesizedExpression(node, opts) {
  assert("ParenthesizedExpression", node,
  opts);
}
}
function assertSwitchCase(node, opts) {
  assert("SwitchCase", node, opts);
}
}
function
assertSwitchStatement(node, opts) {
  assert("SwitchStatement", node, opts);
}
}
function
assertThisExpression(node, opts) {
  assert("ThisExpression", node, opts);
}
}
function
assertThrowStatement(node, opts) {
  assert("ThrowStatement", node, opts);
}
}
function
assertTryStatement(node, opts) {
  assert("TryStatement", node, opts);
}
}
function
assertUnaryExpression(node, opts) {
  assert("UnaryExpression", node, opts);
}
}
function
assertUpdateExpression(node, opts) {
  assert("UpdateExpression", node, opts);
}
}
function
assertVariableDeclaration(node, opts) {
  assert("VariableDeclaration", node, opts);
}
}
function
assertVariableDeclarator(node, opts) {
  assert("VariableDeclarator", node, opts);
}
}
function
assertWhileStatement(node, opts) {
  assert("WhileStatement", node, opts);
}
}
function
assertWithStatement(node, opts) {
  assert("WithStatement", node, opts);
}
}
function
assertAssignmentPattern(node, opts) {
  assert("AssignmentPattern", node, opts);
}
}
function
assertArrayPattern(node, opts) {
  assert("ArrayPattern", node, opts);
}
}
function
assertArrowFunctionExpression(node, opts) {
  assert("ArrowFunctionExpression", node, opts);
}
}
function
assertClassBody(node, opts) {
  assert("ClassBody", node, opts);
}
}
function
assertClassExpression(node,
  opts) {
  assert("ClassExpression", node, opts);
}
}
function
assertClassDeclaration(node, opts) {
  assert("ClassDeclaration", node, opts);
}
}
function
assertExportAllDeclaration(node, opts) {
  assert("ExportAllDeclaration", node, opts);
}
}
function
assertExportDefaultDeclaration(node, opts) {
  assert("ExportDefaultDeclaration", node, opts);
}
}
function
assertExportNamedDeclaration(node, opts) {
  assert("ExportNamedDeclaration", node, opts);
}
}
function
assertExportSpecifier(node, opts) {
  assert("ExportSpecifier", node, opts);
}
}
function
assertForOfStatement(node, opts) {
  assert("ForOfStatement", node, opts);
}
}
function
assertImportDeclaration(node, opts) {
  assert("ImportDeclaration", node, opts);
}
}

```

```

assert("ImportDeclaration", node, opts);
}
}
function assertImportDefaultSpecifier(node, opts) {
  assert("ImportDefaultSpecifier", node, opts);
}
}
function assertImportNamespaceSpecifier(node, opts) {
  assert("ImportNamespaceSpecifier", node, opts);
}
}
function assertImportSpecifier(node, opts) {
  assert("ImportSpecifier", node, opts);
}
}
function assertMetaProperty(node, opts) {
  assert("MetaProperty", node, opts);
}
}
function assertClassMethod(node, opts) {
  assert("ClassMethod", node, opts);
}
}
function assertObjectPattern(node, opts) {
  assert("ObjectPattern", node, opts);
}
}
function assertSpreadElement(node, opts) {
  assert("SpreadElement", node, opts);
}
}
function assertSuper(node, opts) {
  assert("Super", node, opts);
}
}
function assertTaggedTemplateExpression(node, opts) {
  assert("TaggedTemplateExpression", node, opts);
}
}
function assertTemplateElement(node, opts) {
  assert("TemplateElement", node, opts);
}
}
function assertTemplateLiteral(node, opts) {
  assert("TemplateLiteral", node, opts);
}
}
function assertYieldExpression(node, opts) {
  assert("YieldExpression", node, opts);
}
}
function assertAwaitExpression(node, opts) {
  assert("AwaitExpression", node, opts);
}
}
function assertImport(node, opts) {
  assert("Import", node, opts);
}
}
function assertBigIntLiteral(node, opts) {
  assert("BigIntLiteral", node, opts);
}
}
function assertExportNamespaceSpecifier(node, opts) {
  assert("ExportNamespaceSpecifier", node, opts);
}
}
function assertOptionalMemberExpression(node, opts) {
  assert("OptionalMemberExpression", node, opts);
}
}
function assertOptionalCallExpression(node, opts) {
  assert("OptionalCallExpression", node, opts);
}
}
function assertAnyTypeAnnotation(node, opts) {
  assert("AnyTypeAnnotation", node, opts);
}
}
function assertArrayTypeAnnotation(node, opts) {
  assert("ArrayTypeAnnotation", node, opts);
}
}
function assertBooleanTypeAnnotation(node, opts) {
  assert("BooleanTypeAnnotation", node, opts);
}
}
function assertBooleanLiteralTypeAnnotation(node, opts) {
  assert("BooleanLiteralTypeAnnotation", node, opts);
}
}
function assertNullLiteralTypeAnnotation(node, opts) {
  assert("NullLiteralTypeAnnotation", node, opts);
}
}
function assertClassImplements(node, opts) {
  assert("ClassImplements", node, opts);
}
}
function assertDeclareClass(node, opts) {
  assert("DeclareClass", node, opts);
}
}
function assertDeclareFunction(node, opts) {
  assert("DeclareFunction", node, opts);
}
}
function assertDeclareInterface(node, opts) {
  assert("DeclareInterface", node, opts);
}
}
function assertDeclareModule(node, opts) {
  assert("DeclareModule", node, opts);
}
}
function assertDeclareModuleExports(node, opts) {
  assert("DeclareModuleExports", node, opts);
}
}
function assertDeclareTypeAlias(node, opts) {
  assert("DeclareTypeAlias", node, opts);
}
}
function assertDeclareOpaqueType(node, opts) {
  assert("DeclareOpaqueType", node, opts);
}
}
function assertDeclareVariable(node, opts) {
  assert("DeclareVariable", node, opts);
}
}
function assertDeclareExportDeclaration(node, opts) {
  assert("DeclareExportDeclaration", node, opts);
}
}
function assertDeclareExportAllDeclaration(node, opts) {
  assert("DeclareExportAllDeclaration", node, opts);
}
}
function assertDeclaredPredicate(node, opts) {
  assert("DeclaredPredicate", node, opts);
}
}
function assertExistsTypeAnnotation(node, opts) {
  assert("ExistsTypeAnnotation", node, opts);
}
}
function assertFunctionTypeAnnotation(node, opts) {
  assert("FunctionTypeAnnotation", node, opts);
}
}
function assertFunctionTypeParam(node, opts) {
  assert("FunctionTypeParam", node, opts);
}
}
function assertGenericTypeAnnotation(node, opts) {
  assert("GenericTypeAnnotation", node, opts);
}
}
function assertInferredPredicate(node, opts) {
  assert("InferredPredicate", node, opts);
}
}
function assertInterfaceExtends(node, opts) {
  assert("InterfaceExtends", node, opts);
}
}
function assertInterfaceDeclaration(node, opts) {
  assert("InterfaceDeclaration", node, opts);
}
}
function assertInterfaceTypeAnnotation(node, opts) {
  assert("InterfaceTypeAnnotation", node, opts);
}
}
function assertIntersectionTypeAnnotation(node, opts) {
  assert("IntersectionTypeAnnotation", node, opts);
}
}
function assertMixedTypeAnnotation(node, opts) {
  assert("MixedTypeAnnotation", node, opts);
}
}
function assertEmptyTypeAnnotation(node, opts) {
  assert("EmptyTypeAnnotation", node, opts);
}
}
function assertNullableTypeAnnotation(node, opts) {
  assert("NullableTypeAnnotation", node, opts);
}
}
function assertNumberLiteralTypeAnnotation(node, opts) {
  assert("NumberLiteralTypeAnnotation", node, opts);
}
}
function assertNumberTypeAnnotation(node, opts) {
  assert("NumberTypeAnnotation", node, opts);
}
}
function assertObjectTypeAnnotation(node, opts) {
  assert("ObjectTypeAnnotation", node, opts);
}
}

```

```

assert("ObjectTypeAnnotation", node, opts);
}
function assertObjectTypeInternalSlot(node, opts) {
  assert("ObjectTypeInternalSlot", node, opts);
}
function assertObjectTypeCallProperty(node, opts) {
  assert("ObjectTypeCallProperty", node, opts);
}
function assertObjectTypeIndexer(node, opts) {
  assert("ObjectTypeIndexer", node, opts);
}
function assertObjectTypeProperty(node, opts) {
  assert("ObjectTypeProperty", node, opts);
}
function assertObjectTypeSpreadProperty(node, opts) {
  assert("ObjectTypeSpreadProperty", node, opts);
}
function assertOpaqueType(node, opts) {
  assert("OpaqueType", node, opts);
}
function assertQualifiedTypeIdentifier(node, opts) {
  assert("QualifiedTypeIdentifier", node, opts);
}
function assertStringLiteralTypeAnnotation(node, opts) {
  assert("StringLiteralTypeAnnotation", node, opts);
}
function assertStringTypeAnnotation(node, opts) {
  assert("StringTypeAnnotation", node, opts);
}
function assertSymbolTypeAnnotation(node, opts) {
  assert("SymbolTypeAnnotation", node, opts);
}
function assertThisTypeAnnotation(node, opts) {
  assert("ThisTypeAnnotation", node, opts);
}
function assertTupleTypeAnnotation(node, opts) {
  assert("TupleTypeAnnotation", node, opts);
}
function assertTypeofTypeAnnotation(node, opts) {
  assert("TypeofTypeAnnotation", node, opts);
}
function assertTypeAlias(node, opts) {
  assert("TypeAlias", node, opts);
}
function assertTypeAnnotation(node, opts) {
  assert("TypeAnnotation", node, opts);
}
function assertTypeCastExpression(node, opts) {
  assert("TypeCastExpression", node, opts);
}
function assertTypeParameter(node, opts) {
  assert("TypeParameter", node, opts);
}
function assertTypeParameterDeclaration(node, opts) {
  assert("TypeParameterDeclaration", node, opts);
}
function assertTypeParameterInstantiation(node, opts) {
  assert("TypeParameterInstantiation", node, opts);
}
function assertUnionTypeAnnotation(node, opts) {
  assert("UnionTypeAnnotation", node, opts);
}
function assertVariance(node, opts) {
  assert("Variance", node, opts);
}
function assertVoidTypeAnnotation(node, opts) {
  assert("VoidTypeAnnotation", node, opts);
}
function assertEnumDeclaration(node, opts) {
  assert("EnumDeclaration", node, opts);
}
function assertEnumBooleanBody(node, opts) {
  assert("EnumBooleanBody", node, opts);
}
function assertEnumNumberBody(node, opts) {
  assert("EnumNumberBody", node, opts);
}
function assertEnumStringBody(node, opts) {
  assert("EnumStringBody", node, opts);
}
function assertEnumSymbolBody(node, opts) {
  assert("EnumSymbolBody", node, opts);
}
function assertEnumBooleanMember(node, opts) {
  assert("EnumBooleanMember", node, opts);
}
function assertEnumNumberMember(node, opts) {
  assert("EnumNumberMember", node, opts);
}
function assertEnumStringMember(node, opts) {
  assert("EnumStringMember", node, opts);
}
function assertEnumDefaultedMember(node, opts) {
  assert("EnumDefaultedMember", node, opts);
}
function assertIndexedAccessType(node, opts) {
  assert("IndexedAccessType", node, opts);
}
function assertOptionalIndexedAccessType(node, opts) {
  assert("OptionalIndexedAccessType", node, opts);
}
function assertJSXAttribute(node, opts) {
  assert("JSXAttribute", node, opts);
}
function assertJSXClosingElement(node, opts) {
  assert("JSXClosingElement", node, opts);
}
function assertJSXElement(node, opts) {
  assert("JSXElement", node, opts);
}
function assertJSXEmptyExpression(node, opts) {
  assert("JSXEmptyExpression", node, opts);
}
function assertJSXExpressionContainer(node, opts) {
  assert("JSXExpressionContainer", node, opts);
}
function assertJSXSpreadChild(node, opts) {
  assert("JSXSpreadChild", node, opts);
}
function assertJSXIdentifier(node, opts) {
  assert("JSXIdentifier", node, opts);
}
function assertJSXMemberExpression(node, opts) {
  assert("JSXMemberExpression", node, opts);
}
function assertJSXNamespacedName(node, opts) {
  assert("JSXNamespacedName", node, opts);
}
function assertJSXOpeningElement(node, opts) {
  assert("JSXOpeningElement", node, opts);
}
function assertJSXSpreadAttribute(node, opts) {
  assert("JSXSpreadAttribute", node, opts);
}
function assertJSXText(node, opts) {
  assert("JSXText", node, opts);
}
function assertJSXFragment(node, opts) {
  assert("JSXFragment", node, opts);
}
function assertJSXOpeningFragment(node, opts) {
  assert("JSXOpeningFragment", node, opts);
}
function assertJSXClosingFragment(node, opts) {
  assert("JSXClosingFragment", node, opts);
}
function assertNoop(node, opts) {
  assert("Noop", node, opts);
}
function assertPlaceholder(node, opts) {

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assert("Placeholder", node, opts);\n}\n\nfunction assertV8IntrinsicIdentifier(node, opts) {\n
assert("V8IntrinsicIdentifier", node, opts);\n}\n\nfunction assertArgumentPlaceholder(node, opts) {\n
assert("ArgumentPlaceholder", node, opts);\n}\n\nfunction assertBindExpression(node, opts) {\n
assert("BindExpression", node, opts);\n}\n\nfunction assertClassProperty(node, opts) {\n
assert("ClassProperty", node, opts);\n}\n\nfunction assertPipelineTopicExpression(node, opts) {\n
assert("PipelineTopicExpression", node, opts);\n}\n\nfunction assertPipelineBareFunction(node, opts) {\n
assert("PipelineBareFunction", node, opts);\n}\n\nfunction assertPipelinePrimaryTopicReference(node, opts) {\n
assert("PipelinePrimaryTopicReference", node, opts);\n}\n\nfunction assertClassPrivateProperty(node, opts) {\n
assert("ClassPrivateProperty", node, opts);\n}\n\nfunction assertClassPrivateMethod(node, opts) {\n
assert("ClassPrivateMethod", node, opts);\n}\n\nfunction assertImportAttribute(node, opts) {\n
assert("ImportAttribute", node, opts);\n}\n\nfunction assertDecorator(node, opts) {\n
assert("Decorator", node, opts);\n}\n\nfunction assertDoExpression(node, opts) {\n
assert("DoExpression", node, opts);\n}\n\nfunction assertExportDefaultSpecifier(node, opts) {\n
assert("ExportDefaultSpecifier", node, opts);\n}\n\nfunction assertPrivateName(node, opts) {\n
assert("PrivateName", node, opts);\n}\n\nfunction assertRecordExpression(node, opts) {\n
assert("RecordExpression", node, opts);\n}\n\nfunction assertTupleExpression(node, opts) {\n
assert("TupleExpression", node, opts);\n}\n\nfunction assertDecimalLiteral(node, opts) {\n
assert("DecimalLiteral", node, opts);\n}\n\nfunction assertStaticBlock(node, opts) {\n
assert("StaticBlock", node, opts);\n}\n\nfunction assertModuleExpression(node, opts) {\n
assert("ModuleExpression", node, opts);\n}\n\nfunction assertTSParameterProperty(node, opts) {\n
assert("TSParameterProperty", node, opts);\n}\n\nfunction assertTSDeclareFunction(node, opts) {\n
assert("TSDeclareFunction", node, opts);\n}\n\nfunction assertTSDeclareMethod(node, opts) {\n
assert("TSDeclareMethod", node, opts);\n}\n\nfunction assertTSQualifiedName(node, opts) {\n
assert("TSQualifiedName", node, opts);\n}\n\nfunction assertTSCallSignatureDeclaration(node, opts) {\n
assert("TSCallSignatureDeclaration", node, opts);\n}\n\nfunction assertTSConstructSignatureDeclaration(node, opts) {\n
assert("TSConstructSignatureDeclaration", node, opts);\n}\n\nfunction assertTSPropertySignature(node, opts) {\n
assert("TSPropertySignature", node, opts);\n}\n\nfunction assertTSMethodSignature(node, opts) {\n
assert("TSMethodSignature", node, opts);~\n}\n\nfunction assertTSIndexSignature(node, opts) {\n
assert("TSIndexSignature", node, opts);~\n}\n\nfunction assertTSAnyKeyword(node, opts) {\n
assert("TSAnyKeyword", node, opts);~\n}\n\nfunction assertTSBooleanKeyword(node, opts) {\n
assert("TSBooleanKeyword", node, opts);~\n}\n\nfunction assertTSBigIntKeyword(node, opts) {\n
assert("TSBigIntKeyword", node, opts);~\n}\n\nfunction assertTSIntrinsicKeyword(node, opts) {\n
assert("TSIntrinsicKeyword", node, opts);~\n}\n\nfunction assertTSNeverKeyword(node, opts) {\n
assert("TSNeverKeyword", node, opts);~\n}\n\nfunction assertTSNullKeyword(node, opts) {\n
assert("TSNullKeyword", node, opts);~\n}\n\nfunction assertTSNumberKeyword(node, opts) {\n
assert("TSNumberKeyword", node, opts);~\n}\n\nfunction assertTSObjectKeyword(node, opts) {\n
assert("TSObjectKeyword", node, opts);~\n}\n\nfunction assertTSStringKeyword(node, opts) {\n
assert("TSStringKeyword", node, opts);~\n}\n\nfunction assertTSSymbolKeyword(node, opts) {\n
assert("TSSymbolKeyword", node, opts);~\n}\n\nfunction assertTSUndefinedKeyword(node, opts) {\n
assert("TSUndefinedKeyword", node, opts);~\n}\n\nfunction assertTSUnknownKeyword(node, opts) {\n
assert("TSUnknownKeyword", node, opts);~\n}\n\nfunction assertTSVoidKeyword(node, opts) {\n
assert("TSVoidKeyword", node, opts);~\n}\n\nfunction assertTSThisType(node, opts) {\n
assert("TSThisType", node, opts);~\n}\n\nfunction assertTSFunctionType(node, opts) {\n
assert("TSFunctionType", node, opts);~\n}\n\nfunction assertTSConstructorType(node, opts) {\n
assert("TSConstructorType", node, opts);~\n}\n\nfunction assertTSTypeReference(node, opts) {\n
assert("TSTypeReference", node, opts);~\n}\n\nfunction assertTSTypePredicate(node, opts) {\n
assert("TSTypePredicate", node, opts);~\n}\n\nfunction assertTSTypeQuery(node, opts) {\n
assert("TSTypeQuery", node, opts);~\n}\n\nfunction assertTSTypeLiteral(node, opts) {\n
assert("TSTypeLiteral", node, opts);~\n}\n\nfunction assertTSArrayType(node, opts) {\n
assert("TSArrayType", node, opts);~\n}\n\nfunction assertTSTupleType(node, opts) {\n

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assert("TSTupleType", node, opts);\n}\n\nfunction assertTSOptionalType(node, opts) {\n
assert("TSOptionalType", node, opts);\n}\n\nfunction assertTSRestType(node, opts) {\n assert("TSRestType",
node, opts);\n}\n\nfunction assertTSNamedTupleMember(node, opts) {\n assert("TSNamedTupleMember", node,
opts);\n}\n\nfunction assertTSUnionType(node, opts) {\n assert("TSUnionType", node, opts);\n}\n\nfunction
assertTSIntersectionType(node, opts) {\n assert("TSIntersectionType", node, opts);\n}\n\nfunction
assertTSConditionalType(node, opts) {\n assert("TSConditionalType", node, opts);\n}\n\nfunction
assertTSInferType(node, opts) {\n assert("TSInferType", node, opts);\n}\n\nfunction
assertTSParenthesizedType(node, opts) {\n assert("TSParenthesizedType", node, opts);\n}\n\nfunction
assertTSTypeOperator(node, opts) {\n assert("TSTypeOperator", node, opts);\n}\n\nfunction
assertTSIndexedAccessType(node, opts) {\n assert("TSIndexedAccessType", node, opts);\n}\n\nfunction
assertTSMappedType(node, opts) {\n assert("TSMappedType", node, opts);\n}\n\nfunction
assertTSLiteralType(node, opts) {\n assert("TSLiteralType", node, opts);\n}\n\nfunction
assertTSExpressionWithTypeArguments(node, opts) {\n assert("TSExpressionWithTypeArguments", node,
opts);\n}\n\nfunction assertTSInterfaceDeclaration(node, opts) {\n assert("TSInterfaceDeclaration", node,
opts);\n}\n\nfunction assertTSInterfaceBody(node, opts) {\n assert("TSInterfaceBody", node,
opts);\n}\n\nfunction assertTSTypeAliasDeclaration(node, opts) {\n assert("TSTypeAliasDeclaration", node,
opts);\n}\n\nfunction assertTSAExpression(node, opts) {\n assert("TSAExpression", node, opts);\n}\n\nfunction
assertTSTypeAssertion(node, opts) {\n assert("TSTypeAssertion", node, opts);\n}\n\nfunction
assertTSEnumDeclaration(node, opts) {\n assert("TSEnumDeclaration", node, opts);\n}\n\nfunction
assertTSEnumMember(node, opts) {\n assert("TSEnumMember", node, opts);\n}\n\nfunction
assertTSModuleDeclaration(node, opts) {\n assert("TSModuleDeclaration", node, opts);\n}\n\nfunction
assertTSModuleBlock(node, opts) {\n assert("TSModuleBlock", node, opts);\n}\n\nfunction
assertTSImportType(node, opts) {\n assert("TSImportType", node, opts);\n}\n\nfunction
assertTSImportEqualsDeclaration(node, opts) {\n assert("TSImportEqualsDeclaration", node,
opts);\n}\n\nfunction assertTSExternalModuleReference(node, opts) {\n assert("TSExternalModuleReference",
node, opts);\n}\n\nfunction assertTSNonNullExpression(node, opts) {\n assert("TSNonNullExpression", node,
opts);\n}\n\nfunction assertTSExportAssignment(node, opts) {\n assert("TSExportAssignment", node,
opts);\n}\n\nfunction assertTSNamespaceExportDeclaration(node, opts) {\n
assert("TSNamespaceExportDeclaration", node, opts);\n}\n\nfunction assertTSTypeAnnotation(node, opts) {\n
assert("TSTypeAnnotation", node, opts);\n}\n\nfunction assertTSTypeParameterInstantiation(node, opts) {\n
assert("TSTypeParameterInstantiation", node, opts);\n}\n\nfunction assertTSTypeParameterDeclaration(node,
opts) {\n assert("TSTypeParameterDeclaration", node, opts);\n}\n\nfunction assertTSTypeParameter(node, opts)
{\n assert("TSTypeParameter", node, opts);\n}\n\nfunction assertExpression(node, opts) {\n
assert("Expression", node, opts);\n}\n\nfunction assertBinary(node, opts) {\n assert("Binary", node,
opts);\n}\n\nfunction assertScopable(node, opts) {\n assert("Scopable", node, opts);\n}\n\nfunction
assertBlockParent(node, opts) {\n assert("BlockParent", node, opts);\n}\n\nfunction assertBlock(node, opts) {\n
assert("Block", node, opts);\n}\n\nfunction assertStatement(node, opts) {\n assert("Statement", node,
opts);\n}\n\nfunction assertTerminatorless(node, opts) {\n assert("Terminatorless", node, opts);\n}\n\nfunction
assertCompletionStatement(node, opts) {\n assert("CompletionStatement", node, opts);\n}\n\nfunction
assertConditional(node, opts) {\n assert("Conditional", node, opts);\n}\n\nfunction assertLoop(node, opts) {\n
assert("Loop", node, opts);\n}\n\nfunction assertWhile(node, opts) {\n assert("While", node,
opts);\n}\n\nfunction assertExpressionWrapper(node, opts) {\n assert("ExpressionWrapper", node,
opts);\n}\n\nfunction assertFor(node, opts) {\n assert("For", node, opts);\n}\n\nfunction
assertForXStatement(node, opts) {\n assert("ForXStatement", node, opts);\n}\n\nfunction assertFunction(node,
opts) {\n assert("Function", node, opts);\n}\n\nfunction assertFunctionParent(node, opts) {\n
assert("FunctionParent", node, opts);\n}\n\nfunction assertPureish(node, opts) {\n assert("Pureish", node,
opts);\n}\n\nfunction assertDeclaration(node, opts) {\n assert("Declaration", node, opts);\n}\n\nfunction
assertPatternLike(node, opts) {\n assert("PatternLike", node, opts);\n}\n\nfunction assertLVal(node, opts) {\n

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assert("LVal", node, opts);\n\nfunction assertTSEntityName(node, opts) {\n  assert("TSEntityName", node,
opts);\n}\n\nfunction assertLiteral(node, opts) {\n  assert("Literal", node, opts);\n}\n\nfunction
assertImmutable(node, opts) {\n  assert("Immutable", node, opts);\n}\n\nfunction assertUserWhitespacable(node,
opts) {\n  assert("UserWhitespacable", node, opts);\n}\n\nfunction assertMethod(node, opts) {\n
assert("Method", node, opts);\n}\n\nfunction assertObjectMember(node, opts) {\n  assert("ObjectMember", node,
opts);\n}\n\nfunction assertProperty(node, opts) {\n  assert("Property", node, opts);\n}\n\nfunction
assertUnaryLike(node, opts) {\n  assert("UnaryLike", node, opts);\n}\n\nfunction assertPattern(node, opts) {\n
assert("Pattern", node, opts);\n}\n\nfunction assertClass(node, opts) {\n  assert("Class", node,
opts);\n}\n\nfunction assertModuleDeclaration(node, opts) {\n  assert("ModuleDeclaration", node,
opts);\n}\n\nfunction assertExportDeclaration(node, opts) {\n  assert("ExportDeclaration", node,
opts);\n}\n\nfunction assertModuleSpecifier(node, opts) {\n  assert("ModuleSpecifier", node, opts);\n}\n\nfunction
assertFlow(node, opts) {\n  assert("Flow", node, opts);\n}\n\nfunction assertFlowType(node, opts) {\n
assert("FlowType", node, opts);\n}\n\nfunction assertFlowBaseAnnotation(node, opts) {\n
assert("FlowBaseAnnotation", node, opts);\n}\n\nfunction assertFlowDeclaration(node, opts) {\n
assert("FlowDeclaration", node, opts);\n}\n\nfunction assertFlowPredicate(node, opts) {\n
assert("FlowPredicate", node, opts);\n}\n\nfunction assertEnumBody(node, opts) {\n  assert("EnumBody", node,
opts);\n}\n\nfunction assertEnumMember(node, opts) {\n  assert("EnumMember", node, opts);\n}\n\nfunction
assertJSX(node, opts) {\n  assert("JSX", node, opts);\n}\n\nfunction assertPrivate(node, opts) {\n
assert("Private", node, opts);\n}\n\nfunction assertTSTypeElement(node, opts) {\n  assert("TSTypeElement",
node, opts);\n}\n\nfunction assertTSType(node, opts) {\n  assert("TSType", node, opts);\n}\n\nfunction
assertTSBaseType(node, opts) {\n  assert("TSBaseType", node, opts);\n}\n\nfunction assertNumberLiteral(node,
opts) {\n  console.trace("The node type NumberLiteral has been renamed to NumericLiteral");\n
assert("NumberLiteral", node, opts);\n}\n\nfunction assertRegexLiteral(node, opts) {\n  console.trace("The node
type RegexLiteral has been renamed to RegExpLiteral");\n  assert("RegexLiteral", node, opts);\n}\n\nfunction
assertRestProperty(node, opts) {\n  console.trace("The node type RestProperty has been renamed to
RestElement");\n  assert("RestProperty", node, opts);\n}\n\nfunction assertSpreadProperty(node, opts) {\n
console.trace("The node type SpreadProperty has been renamed to SpreadElement");\n  assert("SpreadProperty",
node, opts);\n}\n\n", "\nuse strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value:
true\n});\n\nexports.default = createTypeAnnotationBasedOnTypeof;\n\nvar _generated =
require("../generated");\n\nfunction createTypeAnnotationBasedOnTypeof(type) {\n  if (type === "string") {\n
return (0, _generated.stringTypeAnnotation)();\n  } else if (type === "number") {\n  return (0,
_generated.numberTypeAnnotation)();\n  } else if (type === "undefined") {\n  return (0,
_generated.voidTypeAnnotation)();\n  } else if (type === "boolean") {\n  return (0,
_generated.booleanTypeAnnotation)();\n  } else if (type === "function") {\n  return (0,
_generated.genericTypeAnnotation)((0, _generated.identifier)("Function")); \n  } else if (type === "object") {\n
return (0, _generated.genericTypeAnnotation)((0, _generated.identifier)("Object")); \n  } else if (type ===
"symbol") {\n  return (0, _generated.genericTypeAnnotation)((0, _generated.identifier)("Symbol")); \n  } else if
(type === "bigint") {\n  return (0, _generated.anyTypeAnnotation)();\n  } else {\n  throw new Error("Invalid
typeof value: " + type);\n  }\n}\n\n", "\nuse strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value:
true\n});\n\nexports.default = createFlowUnionType;\n\nvar _generated = require("../generated");\n\nvar
_removeTypeDuplicates = require("../modifications/flow/removeTypeDuplicates");\n\nfunction
createFlowUnionType(types) {\n  const flattened = (0, _removeTypeDuplicates.default)(types);\n\n  if
(flattened.length === 1) {\n  return flattened[0];\n  } else {\n  return (0,
_generated.unionTypeAnnotation)(flattened);\n  }\n}\n\n", "\nuse strict";\n\nObject.defineProperty(exports,
"__esModule", {\n  value: true\n});\n\nexports.default = createTSUnionType;\n\nvar _generated =
require("../generated");\n\nvar _removeTypeDuplicates =
require("../modifications/typescript/removeTypeDuplicates");\n\nfunction createTSUnionType(typeAnnotations)
{\n  const types = typeAnnotations.map(type => type.typeAnnotation);\n  const flattened = (0,

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_removeTypeDuplicates.default)(types);\n\n if (flattened.length === 1) {\n  return flattened[0];\n } else {\n return (0, _generated.tsUnionType)(flattened);\n }\n}";\n\n"use strict";\n\nObject.defineProperty(exports,
\n__esModule", {\n value: true\n});\nexports.default = removeTypeDuplicates;\n\nvar _generated =
require("../validators/generated");\n\nfunction removeTypeDuplicates(nodes) {\n const generics = {};\n const
bases = {};\n const typeGroups = [];\n const types = [];\n\n for (let i = 0; i < nodes.length; i++) {\n  const node =
nodes[i];\n  if (!node) continue;\n\n  if (types.indexOf(node) >= 0) {\n   continue;\n  }\n\n  if ((0,
_generated.isTSAnyKeyword)(node)) {\n   return [node];\n  }\n\n  if ((0, _generated.isTSBaseType)(node)) {\n
   bases[node.type] = node;\n   continue;\n  }\n\n  if ((0, _generated.isTSUnionType)(node)) {\n   if
(typeGroups.indexOf(node.types) < 0) {\n    nodes = nodes.concat(node.types);\n
typeGroups.push(node.types);\n   }\n\n   continue;\n  }\n\n  types.push(node);\n }\n\n for (const type of
Object.keys(bases)) {\n  types.push(bases[type]);\n }\n\n for (const name of Object.keys(generics)) {\n
types.push(generics[name]);\n }\n\n return types;\n}";\n\n"use strict";\n\nObject.defineProperty(exports,
\n__esModule", {\n value: true\n});\n\nObject.defineProperty(exports, "ArrayExpression", {\n enumerable: true,\n
get: function () {\n  return _index.arrayExpression;\n }\n});\n\nObject.defineProperty(exports,
\nAssignmentExpression", {\n enumerable: true,\n get: function () {\n  return _index.assignmentExpression;\n
}\n});\n\nObject.defineProperty(exports, "BinaryExpression", {\n enumerable: true,\n get: function () {\n
return _index.binaryExpression;\n }\n});\n\nObject.defineProperty(exports, "InterpreterDirective", {\n enumerable:
true,\n get: function () {\n  return _index.interpreterDirective;\n }\n});\n\nObject.defineProperty(exports,
\nDirective", {\n enumerable: true,\n get: function () {\n  return _index.directive;\n }\n});\n\nObject.defineProperty(exports,
\nDirectiveLiteral", {\n enumerable: true,\n get: function () {\n  return _index.directiveLiteral;\n
}\n});\n\nObject.defineProperty(exports, "BlockStatement", {\n enumerable: true,\n get: function () {\n
return _index.blockStatement;\n }\n});\n\nObject.defineProperty(exports, "BreakStatement", {\n enumerable:
true,\n get: function () {\n  return _index.breakStatement;\n }\n});\n\nObject.defineProperty(exports,
\nCallExpression", {\n enumerable: true,\n get: function () {\n  return _index.callExpression;\n }\n});\n\nObject.defineProperty(exports,
\nCatchClause", {\n enumerable: true,\n get: function () {\n  return _index.catchClause;\n
}\n});\n\nObject.defineProperty(exports, "ConditionalExpression", {\n enumerable: true,\n get: function () {\n
return _index.conditionalExpression;\n }\n});\n\nObject.defineProperty(exports, "ContinueStatement", {\n
enumerable: true,\n get: function () {\n  return _index.continueStatement;\n
}\n});\n\nObject.defineProperty(exports, "DebuggerStatement", {\n enumerable: true,\n get: function () {\n
return _index.debuggerStatement;\n }\n});\n\nObject.defineProperty(exports, "DoWhileStatement", {\n enumerable:
true,\n get: function () {\n  return _index.doWhileStatement;\n }\n});\n\nObject.defineProperty(exports,
\nEmptyStatement", {\n enumerable: true,\n get: function () {\n  return _index.emptyStatement;\n
}\n});\n\nObject.defineProperty(exports, "ExpressionStatement", {\n enumerable: true,\n get: function () {\n
return _index.expressionStatement;\n }\n});\n\nObject.defineProperty(exports, "File", {\n enumerable: true,\n
get: function () {\n  return _index.file;\n }\n});\n\nObject.defineProperty(exports, "ForInStatement", {\n
enumerable: true,\n get: function () {\n  return _index.forInStatement;\n }\n});\n\nObject.defineProperty(exports,
\nForStatement", {\n enumerable: true,\n get: function () {\n  return _index.forStatement;\n
}\n});\n\nObject.defineProperty(exports, "FunctionDeclaration", {\n enumerable: true,\n get: function () {\n
return _index.functionDeclaration;\n }\n});\n\nObject.defineProperty(exports, "FunctionExpression", {\n
enumerable: true,\n get: function () {\n  return _index.functionExpression;\n }\n});\n\nObject.defineProperty(exports,
\nIdentifier", {\n enumerable: true,\n get: function () {\n  return _index.identifier;\n
}\n});\n\nObject.defineProperty(exports, "IfStatement", {\n enumerable: true,\n get: function () {\n
return _index.ifStatement;\n }\n});\n\nObject.defineProperty(exports, "LabeledStatement", {\n enumerable:
true,\n get: function () {\n  return _index.labeledStatement;\n }\n});\n\nObject.defineProperty(exports,
\nStringLiteral", {\n enumerable: true,\n get: function () {\n  return _index.stringLiteral;\n
}\n});\n\nObject.defineProperty(exports, "NumericLiteral", {\n enumerable: true,\n get: function () {\n
return _index.numericLiteral;\n }\n});\n\nObject.defineProperty(exports, "NullLiteral", {\n enumerable:
true,\n get: function () {\n  return _index.nullLiteral;\n }\n});\n\nObject.defineProperty(exports, "BooleanLiteral", {\n
enumerable: true,\n get:

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function () {\n  return _index.booleanLiteral;\n };\nObject.defineProperty(exports, \"RegExpLiteral\", {\n
enumerable: true,\n get: function () {\n  return _index.regExpLiteral;\n };\n});\nObject.defineProperty(exports,
\"LogicalExpression\", {\n enumerable: true,\n get: function () {\n  return _index.logicalExpression;\n
}\n});\nObject.defineProperty(exports, \"MemberExpression\", {\n enumerable: true,\n get: function () {\n  return
_index.memberExpression;\n };\n});\nObject.defineProperty(exports, \"NewExpression\", {\n enumerable: true,\n
get: function () {\n  return _index.newExpression;\n };\n});\nObject.defineProperty(exports, \"Program\", {\n
enumerable: true,\n get: function () {\n  return _index.program;\n };\n});\nObject.defineProperty(exports,
\"ObjectExpression\", {\n enumerable: true,\n get: function () {\n  return _index.objectExpression;\n
}\n});\nObject.defineProperty(exports, \"ObjectMethod\", {\n enumerable: true,\n get: function () {\n  return
_index.objectMethod;\n };\n});\nObject.defineProperty(exports, \"ObjectProperty\", {\n enumerable: true,\n get:
function () {\n  return _index.objectProperty;\n };\n});\nObject.defineProperty(exports, \"RestElement\", {\n
enumerable: true,\n get: function () {\n  return _index.restElement;\n };\n});\nObject.defineProperty(exports,
\"ReturnStatement\", {\n enumerable: true,\n get: function () {\n  return _index.returnStatement;\n
}\n});\nObject.defineProperty(exports, \"SequenceExpression\", {\n enumerable: true,\n get: function () {\n
return _index.sequenceExpression;\n };\n});\nObject.defineProperty(exports, \"ParenthesizedExpression\", {\n
enumerable: true,\n get: function () {\n  return _index.parenthesizedExpression;\n
}\n});\nObject.defineProperty(exports, \"SwitchCase\", {\n enumerable: true,\n get: function () {\n  return
_index.switchCase;\n };\n});\nObject.defineProperty(exports, \"SwitchStatement\", {\n enumerable: true,\n get:
function () {\n  return _index.switchStatement;\n };\n});\nObject.defineProperty(exports, \"ThisExpression\", {\n
enumerable: true,\n get: function () {\n  return _index.thisExpression;\n };\n});\nObject.defineProperty(exports,
\"ThrowStatement\", {\n enumerable: true,\n get: function () {\n  return _index.throwStatement;\n
}\n});\nObject.defineProperty(exports, \"TryStatement\", {\n enumerable: true,\n get: function () {\n  return
_index.tryStatement;\n };\n});\nObject.defineProperty(exports, \"UnaryExpression\", {\n enumerable: true,\n get:
function () {\n  return _index.unaryExpression;\n };\n});\nObject.defineProperty(exports, \"UpdateExpression\",
{\n enumerable: true,\n get: function () {\n  return _index.updateExpression;\n
}\n});\nObject.defineProperty(exports, \"VariableDeclaration\", {\n enumerable: true,\n get: function () {\n
return _index.variableDeclaration;\n };\n});\nObject.defineProperty(exports, \"VariableDeclarator\", {\n enumerable:
true,\n get: function () {\n  return _index.variableDeclarator;\n };\n});\nObject.defineProperty(exports,
\"WhileStatement\", {\n enumerable: true,\n get: function () {\n  return _index.whileStatement;\n
}\n});\nObject.defineProperty(exports, \"WithStatement\", {\n enumerable: true,\n get: function () {\n  return
_index.withStatement;\n };\n});\nObject.defineProperty(exports, \"AssignmentPattern\", {\n enumerable: true,\n
get: function () {\n  return _index.assignmentPattern;\n };\n});\nObject.defineProperty(exports, \"ArrayPattern\",
{\n enumerable: true,\n get: function () {\n  return _index.arrayPattern;\n };\n});\nObject.defineProperty(exports,
\"ArrowFunctionExpression\", {\n enumerable: true,\n get: function () {\n  return
_index.arrowFunctionExpression;\n };\n});\nObject.defineProperty(exports, \"ClassBody\", {\n enumerable: true,\n
get: function () {\n  return _index.classBody;\n };\n});\nObject.defineProperty(exports, \"ClassExpression\", {\n
enumerable: true,\n get: function () {\n  return _index.classExpression;\n };\n});\nObject.defineProperty(exports,
\"ClassDeclaration\", {\n enumerable: true,\n get: function () {\n  return _index.classDeclaration;\n
}\n});\nObject.defineProperty(exports, \"ExportAllDeclaration\", {\n enumerable: true,\n get: function () {\n
return _index.exportAllDeclaration;\n };\n});\nObject.defineProperty(exports, \"ExportDefaultDeclaration\", {\n
enumerable: true,\n get: function () {\n  return _index.exportDefaultDeclaration;\n
}\n});\nObject.defineProperty(exports, \"ExportNamedDeclaration\", {\n enumerable: true,\n get: function () {\n
return _index.exportNamedDeclaration;\n };\n});\nObject.defineProperty(exports, \"ExportSpecifier\", {\n
enumerable: true,\n get: function () {\n  return _index.exportSpecifier;\n };\n});\nObject.defineProperty(exports,
\"ForOfStatement\", {\n enumerable: true,\n get: function () {\n  return _index.forOfStatement;\n
}\n});\nObject.defineProperty(exports, \"ImportDeclaration\", {\n enumerable: true,\n get: function () {\n
return _index.importDeclaration;\n };\n});\nObject.defineProperty(exports, \"ImportDefaultSpecifier\", {\n
enumerable: true,\n get: function () {\n  return _index.importDefaultSpecifier;\n };\n});\nObject.defineProperty(exports,

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\ImportNamespaceSpecifier", {\n enumerable: true,\n get: function () {\n return
_index.importNamespaceSpecifier;\n }});\nObject.defineProperty(exports, \ImportSpecifier", {\n enumerable:
true,\n get: function () {\n return _index.importSpecifier;\n }});\nObject.defineProperty(exports,
\MetaProperty", {\n enumerable: true,\n get: function () {\n return _index.metaProperty;\n
}});\nObject.defineProperty(exports, \ClassMethod", {\n enumerable: true,\n get: function () {\n return
_index.classMethod;\n }});\nObject.defineProperty(exports, \ObjectPattern", {\n enumerable: true,\n get:
function () {\n return _index.objectPattern;\n }});\nObject.defineProperty(exports, \SpreadElement", {\n
enumerable: true,\n get: function () {\n return _index.spreadElement;\n }});\nObject.defineProperty(exports,
\Super", {\n enumerable: true,\n get: function () {\n return _index.super;\n
}});\nObject.defineProperty(exports, \TaggedTemplateExpression", {\n enumerable: true,\n get: function () {\n
return _index.taggedTemplateExpression;\n }});\nObject.defineProperty(exports, \TemplateElement", {\n
enumerable: true,\n get: function () {\n return _index.templateElement;\n }});\nObject.defineProperty(exports,
\TemplateLiteral", {\n enumerable: true,\n get: function () {\n return _index.templateLiteral;\n
}});\nObject.defineProperty(exports, \YieldExpression", {\n enumerable: true,\n get: function () {\n return
_index.yieldExpression;\n }});\nObject.defineProperty(exports, \AwaitExpression", {\n enumerable: true,\n
get: function () {\n return _index.awaitExpression;\n }});\nObject.defineProperty(exports, \Import", {\n
enumerable: true,\n get: function () {\n return _index.import;\n }});\nObject.defineProperty(exports,
\BigIntLiteral", {\n enumerable: true,\n get: function () {\n return _index.bigIntLiteral;\n
}});\nObject.defineProperty(exports, \ExportNamespaceSpecifier", {\n enumerable: true,\n get: function () {\n
return _index.exportNamespaceSpecifier;\n }});\nObject.defineProperty(exports, \OptionalMemberExpression",
{\n enumerable: true,\n get: function () {\n return _index.optionalMemberExpression;\n
}});\nObject.defineProperty(exports, \OptionalCallExpression", {\n enumerable: true,\n get: function () {\n
return _index.optionalCallExpression;\n }});\nObject.defineProperty(exports, \AnyTypeAnnotation", {\n
enumerable: true,\n get: function () {\n return _index.anyTypeAnnotation;\n
}});\nObject.defineProperty(exports, \ArrayTypeAnnotation", {\n enumerable: true,\n get: function () {\n
return _index.arrayTypeAnnotation;\n }});\nObject.defineProperty(exports, \BooleanTypeAnnotation", {\n
enumerable: true,\n get: function () {\n return _index.booleanTypeAnnotation;\n
}});\nObject.defineProperty(exports, \BooleanLiteralTypeAnnotation", {\n enumerable: true,\n get: function ()
{\n return _index.booleanLiteralTypeAnnotation;\n }});\nObject.defineProperty(exports,
\NullLiteralTypeAnnotation", {\n enumerable: true,\n get: function () {\n return
_index.nullLiteralTypeAnnotation;\n }});\nObject.defineProperty(exports, \ClassImplements", {\n enumerable:
true,\n get: function () {\n return _index.classImplements;\n }});\nObject.defineProperty(exports,
\DeclareClass", {\n enumerable: true,\n get: function () {\n return _index.declareClass;\n
}});\nObject.defineProperty(exports, \DeclareFunction", {\n enumerable: true,\n get: function () {\n return
_index.declareFunction;\n }});\nObject.defineProperty(exports, \DeclareInterface", {\n enumerable: true,\n
get: function () {\n return _index.declareInterface;\n }});\nObject.defineProperty(exports, \DeclareModule",
{\n enumerable: true,\n get: function () {\n return _index.declareModule;\n
}});\nObject.defineProperty(exports, \DeclareModuleExports", {\n enumerable: true,\n get: function () {\n
return _index.declareModuleExports;\n }});\nObject.defineProperty(exports, \DeclareTypeAlias", {\n
enumerable: true,\n get: function () {\n return _index.declareTypeAlias;\n }});\nObject.defineProperty(exports,
\DeclareOpaqueType", {\n enumerable: true,\n get: function () {\n return _index.declareOpaqueType;\n
}});\nObject.defineProperty(exports, \DeclareVariable", {\n enumerable: true,\n get: function () {\n return
_index.declareVariable;\n }});\nObject.defineProperty(exports, \DeclareExportDeclaration", {\n enumerable:
true,\n get: function () {\n return _index.declareExportDeclaration;\n }});\nObject.defineProperty(exports,
\DeclareExportAllDeclaration", {\n enumerable: true,\n get: function () {\n return
_index.declareExportAllDeclaration;\n }});\nObject.defineProperty(exports, \DeclaredPredicate", {\n
enumerable: true,\n get: function () {\n return _index.declaredPredicate;\n }});\nObject.defineProperty(exports,
\ExistsTypeAnnotation", {\n enumerable: true,\n get: function () {\n return _index.existsTypeAnnotation;\n
}});

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    });\nObject.defineProperty(exports, \"FunctionTypeAnnotation\", {\n enumerable: true,\n get: function () {\n return _index.functionTypeAnnotation;\n }});\nObject.defineProperty(exports, \"FunctionTypeParam\", {\n enumerable: true,\n get: function () {\n return _index.functionTypeParam;\n }});\nObject.defineProperty(exports, \"GenericTypeAnnotation\", {\n enumerable: true,\n get: function () {\n return _index.genericTypeAnnotation;\n }});\nObject.defineProperty(exports, \"InferredPredicate\", {\n enumerable: true,\n get: function () {\n return _index.inferredPredicate;\n }});\nObject.defineProperty(exports, \"InterfaceExtends\", {\n enumerable: true,\n get: function () {\n return _index.interfaceExtends;\n }});\nObject.defineProperty(exports, \"InterfaceDeclaration\", {\n enumerable: true,\n get: function () {\n return _index.interfaceDeclaration;\n }});\nObject.defineProperty(exports, \"InterfaceTypeAnnotation\", {\n enumerable: true,\n get: function () {\n return _index.interfaceTypeAnnotation;\n }});\nObject.defineProperty(exports, \"IntersectionTypeAnnotation\", {\n enumerable: true,\n get: function () {\n return _index.intersectionTypeAnnotation;\n }});\nObject.defineProperty(exports, \"MixedTypeAnnotation\", {\n enumerable: true,\n get: function () {\n return _index.mixedTypeAnnotation;\n }});\nObject.defineProperty(exports, \"EmptyTypeAnnotation\", {\n enumerable: true,\n get: function () {\n return _index.emptyTypeAnnotation;\n }});\nObject.defineProperty(exports, \"NullableTypeAnnotation\", {\n enumerable: true,\n get: function () {\n return _index.nullableTypeAnnotation;\n }});\nObject.defineProperty(exports, \"NumberLiteralTypeAnnotation\", {\n enumerable: true,\n get: function () {\n return _index.numberLiteralTypeAnnotation;\n }});\nObject.defineProperty(exports, \"NumberTypeAnnotation\", {\n enumerable: true,\n get: function () {\n return _index.numberTypeAnnotation;\n }});\nObject.defineProperty(exports, \"ObjectTypeAnnotation\", {\n enumerable: true,\n get: function () {\n return _index.objectTypeAnnotation;\n }});\nObject.defineProperty(exports, \"ObjectTypeInternalSlot\", {\n enumerable: true,\n get: function () {\n return _index.objectTypeInternalSlot;\n }});\nObject.defineProperty(exports, \"ObjectTypeCallProperty\", {\n enumerable: true,\n get: function () {\n return _index.objectTypeCallProperty;\n }});\nObject.defineProperty(exports, \"ObjectTypeIndexer\", {\n enumerable: true,\n get: function () {\n return _index.objectTypeIndexer;\n }});\nObject.defineProperty(exports, \"ObjectTypeProperty\", {\n enumerable: true,\n get: function () {\n return _index.objectTypeProperty;\n }});\nObject.defineProperty(exports, \"ObjectTypeSpreadProperty\", {\n enumerable: true,\n get: function () {\n return _index.objectTypeSpreadProperty;\n }});\nObject.defineProperty(exports, \"OpaqueType\", {\n enumerable: true,\n get: function () {\n return _index.opaqueType;\n }});\nObject.defineProperty(exports, \"QualifiedTypeIdentifier\", {\n enumerable: true,\n get: function () {\n return _index.qualifiedTypeIdentifier;\n }});\nObject.defineProperty(exports, \"StringLiteralTypeAnnotation\", {\n enumerable: true,\n get: function () {\n return _index.stringLiteralTypeAnnotation;\n }});\nObject.defineProperty(exports, \"StringTypeAnnotation\", {\n enumerable: true,\n get: function () {\n return _index.stringTypeAnnotation;\n }});\nObject.defineProperty(exports, \"SymbolTypeAnnotation\", {\n enumerable: true,\n get: function () {\n return _index.symbolTypeAnnotation;\n }});\nObject.defineProperty(exports, \"ThisTypeAnnotation\", {\n enumerable: true,\n get: function () {\n return _index.thisTypeAnnotation;\n }});\nObject.defineProperty(exports, \"TupleTypeAnnotation\", {\n enumerable: true,\n get: function () {\n return _index.tupleTypeAnnotation;\n }});\nObject.defineProperty(exports, \"TypeofTypeAnnotation\", {\n enumerable: true,\n get: function () {\n return _index.typeofTypeAnnotation;\n }});\nObject.defineProperty(exports, \"TypeAlias\", {\n enumerable: true,\n get: function () {\n return _index.typeAlias;\n }});\nObject.defineProperty(exports, \"TypeAnnotation\", {\n enumerable: true,\n get: function () {\n return _index.typeAnnotation;\n }});\nObject.defineProperty(exports, \"TypeCastExpression\", {\n enumerable: true,\n get: function () {\n return _index.typeCastExpression;\n }});\nObject.defineProperty(exports, \"TypeParameter\", {\n enumerable: true,\n get: function () {\n return _index.typeParameter;\n }});\nObject.defineProperty(exports, \"TypeParameterDeclaration\", {\n enumerable: true,\n get: function () {\n return _index.typeParameterDeclaration;\n }});\nObject.defineProperty(exports, \"TypeParameterInstantiation\", {\n enumerable: true,\n get: function () {\n return

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_index.typeParameterInstantiation;\n }\\n});\\nObject.defineProperty(exports, \\\"UnionTypeAnnotation\\\", {\\n
enumerable: true,\\n get: function () {\\n return _index.unionTypeAnnotation;\\n
}\\n});\\nObject.defineProperty(exports, \\\"Variance\\\", {\\n enumerable: true,\\n get: function () {\\n return
_index.variance;\\n }\\n});\\nObject.defineProperty(exports, \\\"VoidTypeAnnotation\\\", {\\n enumerable: true,\\n get:
function () {\\n return _index.voidTypeAnnotation;\\n }\\n});\\nObject.defineProperty(exports, \\\"EnumDeclaration\\\",
{\\n enumerable: true,\\n get: function () {\\n return _index.enumDeclaration;\\n
}\\n});\\nObject.defineProperty(exports, \\\"EnumBooleanBody\\\", {\\n enumerable: true,\\n get: function () {\\n return
_index.enumBooleanBody;\\n }\\n});\\nObject.defineProperty(exports, \\\"EnumNumberBody\\\", {\\n enumerable:
true,\\n get: function () {\\n return _index.enumNumberBody;\\n }\\n});\\nObject.defineProperty(exports,
\\\"EnumStringBody\\\", {\\n enumerable: true,\\n get: function () {\\n return _index.enumStringBody;\\n
}\\n});\\nObject.defineProperty(exports, \\\"EnumSymbolBody\\\", {\\n enumerable: true,\\n get: function () {\\n return
_index.enumSymbolBody;\\n }\\n});\\nObject.defineProperty(exports, \\\"EnumBooleanMember\\\", {\\n enumerable:
true,\\n get: function () {\\n return _index.enumBooleanMember;\\n }\\n});\\nObject.defineProperty(exports,
\\\"EnumNumberMember\\\", {\\n enumerable: true,\\n get: function () {\\n return _index.enumNumberMember;\\n
}\\n});\\nObject.defineProperty(exports, \\\"EnumStringMember\\\", {\\n enumerable: true,\\n get: function () {\\n return
_index.enumStringMember;\\n }\\n});\\nObject.defineProperty(exports, \\\"EnumDefaultedMember\\\", {\\n enumerable:
true,\\n get: function () {\\n return _index.enumDefaultedMember;\\n }\\n});\\nObject.defineProperty(exports,
\\\"IndexedAccessType\\\", {\\n enumerable: true,\\n get: function () {\\n return _index.indexedAccessType;\\n
}\\n});\\nObject.defineProperty(exports, \\\"OptionalIndexedAccessType\\\", {\\n enumerable: true,\\n get: function () {\\n
return _index.optionalIndexedAccessType;\\n }\\n});\\nObject.defineProperty(exports, \\\"JSXAttribute\\\", {\\n
enumerable: true,\\n get: function () {\\n return _index.jsxAttribute;\\n }\\n});\\nObject.defineProperty(exports,
\\\"JSXClosingElement\\\", {\\n enumerable: true,\\n get: function () {\\n return _index.jsxClosingElement;\\n
}\\n});\\nObject.defineProperty(exports, \\\"JSXElement\\\", {\\n enumerable: true,\\n get: function () {\\n return
_index.jsxElement;\\n }\\n});\\nObject.defineProperty(exports, \\\"JSXEmptyExpression\\\", {\\n enumerable: true,\\n
get: function () {\\n return _index.jsxEmptyExpression;\\n }\\n});\\nObject.defineProperty(exports,
\\\"JSXExpressionContainer\\\", {\\n enumerable: true,\\n get: function () {\\n return _index.jsxExpressionContainer;\\n
}\\n});\\nObject.defineProperty(exports, \\\"JSXSpreadChild\\\", {\\n enumerable: true,\\n get: function () {\\n return
_index.jsxSpreadChild;\\n }\\n});\\nObject.defineProperty(exports, \\\"JSXIdentifier\\\", {\\n enumerable: true,\\n get:
function () {\\n return _index.jsxIdentifier;\\n }\\n});\\nObject.defineProperty(exports, \\\"JSXMemberExpression\\\",
{\\n enumerable: true,\\n get: function () {\\n return _index.jsxMemberExpression;\\n
}\\n});\\nObject.defineProperty(exports, \\\"JSXNamespacedName\\\", {\\n enumerable: true,\\n get: function () {\\n
return _index.jsxNamespacedName;\\n }\\n});\\nObject.defineProperty(exports, \\\"JSXOpeningElement\\\", {\\n
enumerable: true,\\n get: function () {\\n return _index.jsxOpeningElement;\\n
}\\n});\\nObject.defineProperty(exports, \\\"JSXSpreadAttribute\\\", {\\n enumerable: true,\\n get: function () {\\n return
_index.jsxSpreadAttribute;\\n }\\n});\\nObject.defineProperty(exports, \\\"JSXText\\\", {\\n enumerable: true,\\n get:
function () {\\n return _index.jsxText;\\n }\\n});\\nObject.defineProperty(exports, \\\"JSXFragment\\\", {\\n enumerable:
true,\\n get: function () {\\n return _index.jsxFragment;\\n }\\n});\\nObject.defineProperty(exports,
\\\"JSXOpeningFragment\\\", {\\n enumerable: true,\\n get: function () {\\n return _index.jsxOpeningFragment;\\n
}\\n});\\nObject.defineProperty(exports, \\\"JSXClosingFragment\\\", {\\n enumerable: true,\\n get: function () {\\n
return _index.jsxClosingFragment;\\n }\\n});\\nObject.defineProperty(exports, \\\"Noop\\\", {\\n enumerable: true,\\n get:
function () {\\n return _index.noop;\\n }\\n});\\nObject.defineProperty(exports, \\\"Placeholder\\\", {\\n enumerable:
true,\\n get: function () {\\n return _index.placeholder;\\n }\\n});\\nObject.defineProperty(exports,
\\\"V8IntrinsicIdentifier\\\", {\\n enumerable: true,\\n get: function () {\\n return _index.v8IntrinsicIdentifier;\\n
}\\n});\\nObject.defineProperty(exports, \\\"ArgumentPlaceholder\\\", {\\n enumerable: true,\\n get: function () {\\n
return _index.argumentPlaceholder;\\n }\\n});\\nObject.defineProperty(exports, \\\"BindExpression\\\", {\\n enumerable:
true,\\n get: function () {\\n return _index.bindExpression;\\n }\\n});\\nObject.defineProperty(exports,
\\\"ClassProperty\\\", {\\n enumerable: true,\\n get: function () {\\n return _index.classProperty;\\n
}\\n});\\nObject.defineProperty(exports, \\\"PipelineTopicExpression\\\", {\\n enumerable: true,\\n get: function () {\\n

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return _index.pipelineTopicExpression;\n }));\nObject.defineProperty(exports, \"PipelineBareFunction\", {\n
enumerable: true,\n get: function () {\n return _index.pipelineBareFunction;\n
}});\nObject.defineProperty(exports, \"PipelinePrimaryTopicReference\", {\n enumerable: true,\n get: function ()
{\n return _index.pipelinePrimaryTopicReference;\n }});\nObject.defineProperty(exports,
\"ClassPrivateProperty\", {\n enumerable: true,\n get: function () {\n return _index.classPrivateProperty;\n
}});\nObject.defineProperty(exports, \"ClassPrivateMethod\", {\n enumerable: true,\n get: function () {\n return
_index.classPrivateMethod;\n }});\nObject.defineProperty(exports, \"ImportAttribute\", {\n enumerable: true,\n
get: function () {\n return _index.importAttribute;\n }});\nObject.defineProperty(exports, \"Decorator\", {\n
enumerable: true,\n get: function () {\n return _index.decorator;\n }});\nObject.defineProperty(exports,
\"DoExpression\", {\n enumerable: true,\n get: function () {\n return _index.doExpression;\n
}});\nObject.defineProperty(exports, \"ExportDefaultSpecifier\", {\n enumerable: true,\n get: function () {\n
return _index.exportDefaultSpecifier;\n }});\nObject.defineProperty(exports, \"PrivateName\", {\n enumerable:
true,\n get: function () {\n return _index.privateName;\n }});\nObject.defineProperty(exports,
\"RecordExpression\", {\n enumerable: true,\n get: function () {\n return _index.recordExpression;\n
}});\nObject.defineProperty(exports, \"TupleExpression\", {\n enumerable: true,\n get: function () {\n return
_index.tupleExpression;\n }});\nObject.defineProperty(exports, \"DecimalLiteral\", {\n enumerable: true,\n get:
function () {\n return _index.decimalLiteral;\n }});\nObject.defineProperty(exports, \"StaticBlock\", {\n
enumerable: true,\n get: function () {\n return _index.staticBlock;\n }});\nObject.defineProperty(exports,
\"ModuleExpression\", {\n enumerable: true,\n get: function () {\n return _index.moduleExpression;\n
}});\nObject.defineProperty(exports, \"TSParameterProperty\", {\n enumerable: true,\n get: function () {\n
return _index.tsParameterProperty;\n }});\nObject.defineProperty(exports, \"TSDeclareFunction\", {\n
enumerable: true,\n get: function () {\n return _index.tsDeclareFunction;\n }});\nObject.defineProperty(exports,
\"TSDeclareMethod\", {\n enumerable: true,\n get: function () {\n return _index.tsDeclareMethod;\n
}});\nObject.defineProperty(exports, \"TSQualifiedName\", {\n enumerable: true,\n get: function () {\n return
_index.tsQualifiedName;\n }});\nObject.defineProperty(exports, \"TSCallSignatureDeclaration\", {\n
enumerable: true,\n get: function () {\n return _index.tsCallSignatureDeclaration;\n
}});\nObject.defineProperty(exports, \"TSConstructSignatureDeclaration\", {\n enumerable: true,\n get: function
() {\n return _index.tsConstructSignatureDeclaration;\n }});\nObject.defineProperty(exports,
\"TSPropertySignature\", {\n enumerable: true,\n get: function () {\n return _index.tsPropertySignature;\n
}});\nObject.defineProperty(exports, \"TSMethodSignature\", {\n enumerable: true,\n get: function () {\n return
_index.tsMethodSignature;\n }});\nObject.defineProperty(exports, \"TSIndexSignature\", {\n enumerable: true,\n
get: function () {\n return _index.tsIndexSignature;\n }});\nObject.defineProperty(exports, \"TSAnyKeyword\",
{\n enumerable: true,\n get: function () {\n return _index.tsAnyKeyword;\n
}});\nObject.defineProperty(exports, \"TSBooleanKeyword\", {\n enumerable: true,\n get: function () {\n return
_index.tsBooleanKeyword;\n }});\nObject.defineProperty(exports, \"TSBigIntKeyword\", {\n enumerable:
true,\n get: function () {\n return _index.tsBigIntKeyword;\n }});\nObject.defineProperty(exports,
\"TSIntrinsicKeyword\", {\n enumerable: true,\n get: function () {\n return _index.tsIntrinsicKeyword;\n
}});\nObject.defineProperty(exports, \"TSNeverKeyword\", {\n enumerable: true,\n get: function () {\n return
_index.tsNeverKeyword;\n }});\nObject.defineProperty(exports, \"TSNullKeyword\", {\n enumerable: true,\n
get: function () {\n return _index.tsNullKeyword;\n }});\nObject.defineProperty(exports,
\"TSNumberKeyword\", {\n enumerable: true,\n get: function () {\n return _index.tsNumberKeyword;\n
}});\nObject.defineProperty(exports, \"TSObjectKeyword\", {\n enumerable: true,\n get: function () {\n return
_index.tsObjectKeyword;\n }});\nObject.defineProperty(exports, \"TSStringKeyword\", {\n enumerable: true,\n
get: function () {\n return _index.tsStringKeyword;\n }});\nObject.defineProperty(exports,
\"TSSymbolKeyword\", {\n enumerable: true,\n get: function () {\n return _index.tsSymbolKeyword;\n
}});\nObject.defineProperty(exports, \"TSUndefinedKeyword\", {\n enumerable: true,\n get: function () {\n
return _index.tsUndefinedKeyword;\n }});\nObject.defineProperty(exports, \"TSUnknownKeyword\", {\n
enumerable: true,\n get: function () {\n return _index.tsUnknownKeyword;\n
}});

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    }
  });
  Object.defineProperty(exports, "TSVoidKeyword", {
    enumerable: true,
    get: function () {
      return _index.tsVoidKeyword;
    }
  });
  Object.defineProperty(exports, "TSThisType", {
    enumerable: true,
    get: function () {
      return _index.tsThisType;
    }
  });
  Object.defineProperty(exports, "TSFunctionType", {
    enumerable: true,
    get: function () {
      return _index.tsFunctionType;
    }
  });
  Object.defineProperty(exports, "TSConstructorType", {
    enumerable: true,
    get: function () {
      return _index.tsConstructorType;
    }
  });
  Object.defineProperty(exports, "TSTypeReference", {
    enumerable: true,
    get: function () {
      return _index.tsTypeReference;
    }
  });
  Object.defineProperty(exports, "TSTypePredicate", {
    enumerable: true,
    get: function () {
      return _index.tsTypePredicate;
    }
  });
  Object.defineProperty(exports, "TSTypeQuery", {
    enumerable: true,
    get: function () {
      return _index.tsTypeQuery;
    }
  });
  Object.defineProperty(exports, "TSTypeLiteral", {
    enumerable: true,
    get: function () {
      return _index.tsTypeLiteral;
    }
  });
  Object.defineProperty(exports, "TSArrayType", {
    enumerable: true,
    get: function () {
      return _index.tsArrayType;
    }
  });
  Object.defineProperty(exports, "TSTupleType", {
    enumerable: true,
    get: function () {
      return _index.tsTupleType;
    }
  });
  Object.defineProperty(exports, "TSOptionalType", {
    enumerable: true,
    get: function () {
      return _index.tsOptionalType;
    }
  });
  Object.defineProperty(exports, "TSRestType", {
    enumerable: true,
    get: function () {
      return _index.tsRestType;
    }
  });
  Object.defineProperty(exports, "TSNamedTupleMember", {
    enumerable: true,
    get: function () {
      return _index.tsNamedTupleMember;
    }
  });
  Object.defineProperty(exports, "TSUnionType", {
    enumerable: true,
    get: function () {
      return _index.tsUnionType;
    }
  });
  Object.defineProperty(exports, "TSIntersectionType", {
    enumerable: true,
    get: function () {
      return _index.tsIntersectionType;
    }
  });
  Object.defineProperty(exports, "TSConditionalType", {
    enumerable: true,
    get: function () {
      return _index.tsConditionalType;
    }
  });
  Object.defineProperty(exports, "TSInferType", {
    enumerable: true,
    get: function () {
      return _index.tsInferType;
    }
  });
  Object.defineProperty(exports, "TSParenthesizedType", {
    enumerable: true,
    get: function () {
      return _index.tsParenthesizedType;
    }
  });
  Object.defineProperty(exports, "TSTypeOperator", {
    enumerable: true,
    get: function () {
      return _index.tsTypeOperator;
    }
  });
  Object.defineProperty(exports, "TSIndexedAccessType", {
    enumerable: true,
    get: function () {
      return _index.tsIndexedAccessType;
    }
  });
  Object.defineProperty(exports, "TSMappedType", {
    enumerable: true,
    get: function () {
      return _index.tsMappedType;
    }
  });
  Object.defineProperty(exports, "TSLiteralType", {
    enumerable: true,
    get: function () {
      return _index.tsLiteralType;
    }
  });
  Object.defineProperty(exports, "TSExpressionWithTypeArguments", {
    enumerable: true,
    get: function () {
      return _index.tsExpressionWithTypeArguments;
    }
  });
  Object.defineProperty(exports, "TSInterfaceDeclaration", {
    enumerable: true,
    get: function () {
      return _index.tsInterfaceDeclaration;
    }
  });
  Object.defineProperty(exports, "TSInterfaceBody", {
    enumerable: true,
    get: function () {
      return _index.tsInterfaceBody;
    }
  });
  Object.defineProperty(exports, "TSTypeAliasDeclaration", {
    enumerable: true,
    get: function () {
      return _index.tsTypeAliasDeclaration;
    }
  });
  Object.defineProperty(exports, "TSAsExpression", {
    enumerable: true,
    get: function () {
      return _index.tsAsExpression;
    }
  });
  Object.defineProperty(exports, "TSTypeAssertion", {
    enumerable: true,
    get: function () {
      return _index.tsTypeAssertion;
    }
  });
  Object.defineProperty(exports, "TSEnumDeclaration", {
    enumerable: true,
    get: function () {
      return _index.tsEnumDeclaration;
    }
  });
  Object.defineProperty(exports, "TSEnumMember", {
    enumerable: true,
    get: function () {
      return _index.tsEnumMember;
    }
  });
  Object.defineProperty(exports, "TSModuleDeclaration", {
    enumerable: true,
    get: function () {
      return _index.tsModuleDeclaration;
    }
  });
  Object.defineProperty(exports, "TSModuleBlock", {
    enumerable: true,
    get: function () {
      return _index.tsModuleBlock;
    }
  });
  Object.defineProperty(exports, "TSImportType", {
    enumerable: true,
    get: function () {
      return _index.tsImportType;
    }
  });
  Object.defineProperty(exports, "TSImportEqualsDeclaration", {
    enumerable: true,
    get: function () {
      return _index.tsImportEqualsDeclaration;
    }
  });
  Object.defineProperty(exports, "TSExternalModuleReference", {
    enumerable: true,
    get: function () {
      return _index.tsExternalModuleReference;
    }
  });
  Object.defineProperty(exports, "TSNonNullExpression", {
    enumerable: true,
    get: function () {
      return _index.tsNonNullExpression;
    }
  });

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    });\nObject.defineProperty(exports, \"TSExportAssignment\", {\n enumerable: true,\n get: function () {\n
return _index.tsExportAssignment;\n }\n});\nObject.defineProperty(exports, \"TSNamespaceExportDeclaration\",
{\n enumerable: true,\n get: function () {\n return _index.tsNamespaceExportDeclaration;\n
}\n});\nObject.defineProperty(exports, \"TSTypeAnnotation\", {\n enumerable: true,\n get: function () {\n return
_index.tsTypeAnnotation;\n }\n});\nObject.defineProperty(exports, \"TSTypeParameterInstantiation\", {\n
enumerable: true,\n get: function () {\n return _index.tsTypeParameterInstantiation;\n
}\n});\nObject.defineProperty(exports, \"TSTypeParameterDeclaration\", {\n enumerable: true,\n get: function ()
{\n return _index.tsTypeParameterDeclaration;\n }\n});\nObject.defineProperty(exports, \"TSTypeParameter\",
{\n enumerable: true,\n get: function () {\n return _index.tsTypeParameter;\n
}\n});\nObject.defineProperty(exports, \"NumberLiteral\", {\n enumerable: true,\n get: function () {\n return
_index.numberLiteral;\n }\n});\nObject.defineProperty(exports, \"RegexLiteral\", {\n enumerable: true,\n get:
function () {\n return _index.regexLiteral;\n }\n});\nObject.defineProperty(exports, \"RestProperty\", {\n
enumerable: true,\n get: function () {\n return _index.restProperty;\n }\n});\nObject.defineProperty(exports,
\"SpreadProperty\", {\n enumerable: true,\n get: function () {\n return _index.spreadProperty;\n }\n});\n\nvar
_index = require(\"./index\");\n\n\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\n\nexports.default = clone;\n\nvar _cloneNode = require(\"./cloneNode\");\n\nfunction clone(node) {\n
return (0, _cloneNode.default)(node, false);\n}\n\n\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\",
{\n value: true\n});\n\nexports.default = cloneDeep;\n\nvar _cloneNode = require(\"./cloneNode\");\n\nfunction
cloneDeep(node) {\n return (0, _cloneNode.default)(node);\n}\n\n\"use strict\";\n\nObject.defineProperty(exports,
\"__esModule\", {\n value: true\n});\n\nexports.default = cloneDeepWithoutLoc;\n\nvar _cloneNode =
require(\"./cloneNode\");\n\nfunction cloneDeepWithoutLoc(node) {\n return (0, _cloneNode.default)(node, true,
true);\n}\n\n\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\n\nexports.default =
cloneWithoutLoc;\n\nvar _cloneNode = require(\"./cloneNode\");\n\nfunction cloneWithoutLoc(node) {\n return (0,
_cloneNode.default)(node, false, true);\n}\n\n\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n
value: true\n});\n\nexports.default = addComment;\n\nvar _addComments = require(\"./addComments\");\n\nfunction
addComment(node, type, content, line) {\n return (0, _addComments.default)(node, type, [{\n type: line ?
\"CommentLine\" : \"CommentBlock\", \n value: content\n }]);\n}\n\n\"use
strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\n\nexports.default =
removeComments;\n\nvar _constants = require(\"./constants\");\n\nfunction removeComments(node) {\n
_constants.COMMENT_KEYS.forEach(key => {\n node[key] = null;\n });\n\n return node;\n}\n\n\"use
strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\n\nexports.TSBASETYPE_TYPES =
exports.TSTYPE_TYPES = exports.TSTYPEELEMENT_TYPES = exports.PRIVATE_TYPES =
exports.JSX_TYPES = exports.ENUMMEMBER_TYPES = exports.ENUMBODY_TYPES =
exports.FLOWPREDICATE_TYPES = exports.FLOWDECLARATION_TYPES =
exports.FLOWBASEANNOTATION_TYPES = exports.FLOWTYPE_TYPES = exports.FLOW_TYPES =
exports.MODULESPECIFIER_TYPES = exports.EXPORTDECLARATION_TYPES =
exports.MODULEDECLARATION_TYPES = exports.CLASS_TYPES = exports.PATTERN_TYPES =
exports.UNARYLIKE_TYPES = exports.PROPERTY_TYPES = exports.OBJECTMEMBER_TYPES =
exports.METHOD_TYPES = exports.USERWHITESPACABLE_TYPES = exports.IMMUTABLE_TYPES =
exports.LITERAL_TYPES = exports.TSENTITYNAME_TYPES = exports.LVAL_TYPES =
exports.PATTERNLIKE_TYPES = exports.DECLARATION_TYPES = exports.PUREISH_TYPES =
exports.FUNCTIONPARENT_TYPES = exports.FUNCTION_TYPES = exports.FORXSTATEMENT_TYPES =
exports.FOR_TYPES = exports.EXPRESSIONWRAPPER_TYPES = exports.WHILE_TYPES =
exports.LOOP_TYPES = exports.CONDITIONAL_TYPES = exports.COMPLETIONSTATEMENT_TYPES =
exports.TERMINATORLESS_TYPES = exports.STATEMENT_TYPES = exports.BLOCK_TYPES =
exports.BLOCKPARENT_TYPES = exports.SCOPABLE_TYPES = exports.BINARY_TYPES =
exports.EXPRESSION_TYPES = void 0;\n\nvar _definitions = require(\"./../definitions\");\n\nconst
EXPRESSION_TYPES = _definitions.FLIPPED_ALIAS_KEYS[\"Expression\"];\n\nexports.EXPRESSION_TYPES

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= EXPRESSION_TYPES;\nconst BINARY_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Binary"]; \nextports.BINARY_TYPES = BINARY_TYPES;\nconst
SCOPABLE_TYPES = _definitions.FLIPPED_ALIAS_KEYS["Scopable"]; \nextports.SCOPABLE_TYPES =
SCOPABLE_TYPES;\nconst BLOCKPARENT_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["BlockParent"]; \nextports.BLOCKPARENT_TYPES =
BLOCKPARENT_TYPES;\nconst BLOCK_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Block"]; \nextports.BLOCK_TYPES = BLOCK_TYPES;\nconst
STATEMENT_TYPES = _definitions.FLIPPED_ALIAS_KEYS["Statement"]; \nextports.STATEMENT_TYPES =
STATEMENT_TYPES;\nconst TERMINATORLESS_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Terminatorless"]; \nextports.TERMINATORLESS_TYPES =
TERMINATORLESS_TYPES;\nconst COMPLETIONSTATEMENT_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["CompletionStatement"]; \nextports.COMPLETIONSTATEMENT_TYPES
= COMPLETIONSTATEMENT_TYPES;\nconst CONDITIONAL_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Conditional"]; \nextports.CONDITIONAL_TYPES =
CONDITIONAL_TYPES;\nconst LOOP_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Loop"]; \nextports.LOOP_TYPES = LOOP_TYPES;\nconst
WHILE_TYPES = _definitions.FLIPPED_ALIAS_KEYS["While"]; \nextports.WHILE_TYPES =
WHILE_TYPES;\nconst EXPRESSIONWRAPPER_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["ExpressionWrapper"]; \nextports.EXPRESSIONWRAPPER_TYPES =
EXPRESSIONWRAPPER_TYPES;\nconst FOR_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["For"]; \nextports.FOR_TYPES = FOR_TYPES;\nconst
FORXSTATEMENT_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["ForXStatement"]; \nextports.FORXSTATEMENT_TYPES =
FORXSTATEMENT_TYPES;\nconst FUNCTION_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Function"]; \nextports.FUNCTION_TYPES =
FUNCTION_TYPES;\nconst FUNCTIONPARENT_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["FunctionParent"]; \nextports.FUNCTIONPARENT_TYPES =
FUNCTIONPARENT_TYPES;\nconst PUREISH_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Pureish"]; \nextports.PUREISH_TYPES = PUREISH_TYPES;\nconst
DECLARATION_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Declaration"]; \nextports.DECLARATION_TYPES =
DECLARATION_TYPES;\nconst PATTERNLIKE_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["PatternLike"]; \nextports.PATTERNLIKE_TYPES =
PATTERNLIKE_TYPES;\nconst LVAL_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["LVal"]; \nextports.LVAL_TYPES = LVAL_TYPES;\nconst
TSENTITYNAME_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["TSEntityName"]; \nextports.TSENTITYNAME_TYPES =
TSENTITYNAME_TYPES;\nconst LITERAL_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Literal"]; \nextports.LITERAL_TYPES = LITERAL_TYPES;\nconst
IMMUTABLE_TYPES = _definitions.FLIPPED_ALIAS_KEYS["Immutable"]; \nextports.IMMUTABLE_TYPES
= IMMUTABLE_TYPES;\nconst USERWHITESPACABLE_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["UserWhitespacable"]; \nextports.USERWHITESPACABLE_TYPES =
USERWHITESPACABLE_TYPES;\nconst METHOD_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Method"]; \nextports.METHOD_TYPES = METHOD_TYPES;\nconst
OBJECTMEMBER_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["ObjectMember"]; \nextports.OBJECTMEMBER_TYPES =
OBJECTMEMBER_TYPES;\nconst PROPERTY_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Property"]; \nextports.PROPERTY_TYPES =

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PROPERTY_TYPES;\nconst UNARYLIKE_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["UnaryLike"]; \nextports.UNARYLIKE_TYPES =
UNARYLIKE_TYPES;\nconst PATTERN_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Pattern"]; \nextports.PATTERN_TYPES = PATTERN_TYPES;\nconst
CLASS_TYPES = _definitions.FLIPPED_ALIAS_KEYS["Class"]; \nextports.CLASS_TYPES =
CLASS_TYPES;\nconst MODULEDECLARATION_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["ModuleDeclaration"]; \nextports.MODULEDECLARATION_TYPES =
MODULEDECLARATION_TYPES;\nconst EXPORTDECLARATION_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["ExportDeclaration"]; \nextports.EXPORTDECLARATION_TYPES =
EXPORTDECLARATION_TYPES;\nconst MODULESPECIFIER_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["ModuleSpecifier"]; \nextports.MODULESPECIFIER_TYPES =
MODULESPECIFIER_TYPES;\nconst FLOW_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["Flow"]; \nextports.FLOW_TYPES = FLOW_TYPES;\nconst
FLOWTYPE_TYPES = _definitions.FLIPPED_ALIAS_KEYS["FlowType"]; \nextports.FLOWTYPE_TYPES =
FLOWTYPE_TYPES;\nconst FLOWBASEANNOTATION_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["FlowBaseAnnotation"]; \nextports.FLOWBASEANNOTATION_TYPES =
FLOWBASEANNOTATION_TYPES;\nconst FLOWDECLARATION_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["FlowDeclaration"]; \nextports.FLOWDECLARATION_TYPES =
FLOWDECLARATION_TYPES;\nconst FLOWPREDICATE_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["FlowPredicate"]; \nextports.FLOWPREDICATE_TYPES =
FLOWPREDICATE_TYPES;\nconst ENUMBODY_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["EnumBody"]; \nextports.ENUMBODY_TYPES =
ENUMBODY_TYPES;\nconst ENUMMEMBER_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["EnumMember"]; \nextports.ENUMMEMBER_TYPES =
ENUMMEMBER_TYPES;\nconst JSX_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["JSX"]; \nextports.JSX_TYPES = JSX_TYPES;\nconst PRIVATE_TYPES
= _definitions.FLIPPED_ALIAS_KEYS["Private"]; \nextports.PRIVATE_TYPES = PRIVATE_TYPES;\nconst
TSTYPEELEMENT_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["TSTypeElement"]; \nextports.TSTYPEELEMENT_TYPES =
TSTYPEELEMENT_TYPES;\nconst TSTYPE_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["TSType"]; \nextports.TSTYPE_TYPES = TSTYPE_TYPES;\nconst
TSBASETYPE_TYPES =
_definitions.FLIPPED_ALIAS_KEYS["TSBaseType"]; \nextports.TSBASETYPE_TYPES =
TSBASETYPE_TYPES;"\n"\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\nextports.default = ensureBlock;\n\nvar _toBlock = require(\"./toBlock\");\n\nfunction ensureBlock(node,
key = \"body\") {\n return node[key] = (0, _toBlock.default)(node[key], node);\n}

\"use
strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\nextports.default =
toBindingIdentifierName;\n\nvar _toIdentifier = require(\"./toIdentifier\");\n\nfunction
toBindingIdentifierName(name) {\n name = (0, _toIdentifier.default)(name);\n if (name === \"eval\" || name ===
\"arguments\") name = \"_\" + name;\n return name;\n}

\"use strict\";\n\nObject.defineProperty(exports,
\"__esModule\", {\n value: true\n});\nextports.default = toComputedKey;\n\nvar _generated =
require(\"../validators/generated\");\n\nvar _generated2 = require(\"../builders/generated\");\n\nfunction
toComputedKey(node, key = node.key || node.property) {\n if (!node.computed && (0,
_generated.isIdentifier)(key)) key = (0, _generated2.stringLiteral)(key.name);\n return key;\n}

\"use
strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\nextports.default = void 0;\n\nvar
_generated = require(\"../validators/generated\");\n\nvar _default = toExpression;\nextports.default =
_default;\n\nfunction toExpression(node) {\n if ((0, _generated.isExpressionStatement)(node)) {\n node =
node.expression;\n }\n\n if ((0, _generated.isExpression)(node)) {\n return node;\n }\n\n if ((0,

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(mustHaveId && !node.id) {\n  newType = false;\n }\n\n if (!newType) {\n  if (ignore) {\n   return false;\n  }\n  else {\n   throw new Error(`cannot turn ${node.type} to a statement`);\n  }\n }\n\n node.type = newType;\n return node;\n}","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nexports.default = void 0;\n\nvar _isValidIdentifier = require("../validators/isValidIdentifier");\n\nvar _generated = require("../builders/generated");\n\nvar _default = valueToNode;\n\nexports.default = _default;\n\nconst objectToString = Function.call.bind(Object.prototype.toString);\n\nfunction isRegExp(value) {\n  return objectToString(value) === "[object RegExp]";\n}\n\nfunction isPlainObject(value) {\n  if (typeof value !== "object" || value === null || Object.prototype.toString.call(value) !== "[object Object]") {\n    return false;\n  }\n\n  const proto = Object.getPrototypeOf(value);\n  return proto === null || Object.getPrototypeOf(proto) === null;\n}\n\nfunction valueToNode(value) {\n  if (value === undefined) {\n    return (0, _generated.identifier)("undefined");\n  }\n\n  if (value === true || value === false) {\n    return (0, _generated.booleanLiteral)(value);\n  }\n\n  if (value === null) {\n    return (0, _generated.nullLiteral)();\n  }\n\n  if (typeof value === "string") {\n    return (0, _generated.stringLiteral)(value);\n  }\n\n  if (typeof value === "number") {\n    let result;\n\n    if (Number.isFinite(value)) {\n      result = (0, _generated.numericLiteral)(Math.abs(value));\n    } else {\n      let numerator;\n\n      if (Number.isNaN(value)) {\n        numerator = (0, _generated.numericLiteral)(0);\n      } else {\n        numerator = (0, _generated.numericLiteral)(1);\n      }\n\n      result = (0, _generated.binaryExpression)("^", numerator, (0, _generated.numericLiteral)(0));\n    }\n\n    if (value < 0 || Object.is(value, -0)) {\n      result = (0, _generated.unaryExpression)("-", result);\n    }\n\n    return result;\n  }\n\n  if (isRegExp(value)) {\n    const pattern = value.source;\n    const flags = value.toString().match(/\\/([a-z+])$/)[1];\n\n    return (0, _generated.regExpLiteral)(pattern, flags);\n  }\n\n  if (Array.isArray(value)) {\n    return (0, _generated.arrayExpression)(value.map(valueToNode));\n  }\n\n  if (isPlainObject(value)) {\n    const props = [];\n\n    for (const key of Object.keys(value)) {\n      let nodeKey;\n\n      if ((0, _isValidIdentifier.default)(key)) {\n        nodeKey = (0, _generated.identifier)(key);\n      } else {\n        nodeKey = (0, _generated.stringLiteral)(key);\n      }\n\n      props.push((0, _generated.objectProperty)(nodeKey, valueToNode(value[key])));\n    }\n\n    return (0, _generated.objectExpression)(props);\n  }\n\n  throw new Error(`don't know how to turn this value into a node`);\n}","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nexports.default = appendToMemberExpression;\n\nvar _generated = require("../builders/generated");\n\nfunction appendToMemberExpression(member, append, computed = false) {\n  member.object = (0, _generated.memberExpression)(member.object, member.property, member.computed);\n  member.property = append;\n  member.computed = !computed;\n  return member;\n}","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nexports.default = inherits;\n\nvar _constants = require("../constants");\n\nvar _inheritsComments = require("../comments/inheritsComments");\n\nfunction inherits(child, parent) {\n  if (!child || !parent) return child;\n\n  for (const key of _constants.INHERIT_KEYS.optional) {\n    if (child[key] === null) {\n      child[key] = parent[key];\n    }\n  }\n\n  for (const key of Object.keys(parent)) {\n    if (key[0] === "_" && key !== "__clone") child[key] = parent[key];\n  }\n\n  for (const key of _constants.INHERIT_KEYS.force) {\n    child[key] = parent[key];\n  }\n\n  (0, _inheritsComments.default)(child, parent);\n  return child;\n}","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nexports.default = prependToMemberExpression;\n\nvar _generated = require("../builders/generated");\n\nfunction prependToMemberExpression(member, prepend) {\n  member.object = (0, _generated.memberExpression)(prepend, member.object);\n  return member;\n}","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nexports.default = void 0;\n\nvar _getBindingIdentifiers = require("../getBindingIdentifiers");\n\nvar _default = getOuterBindingIdentifiers;\n\nexports.default = _default;\n\nfunction getOuterBindingIdentifiers(node, duplicates) {\n  return (0, _getBindingIdentifiers.default)(node, duplicates, true);\n}","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nexports.default = traverse;\n\nvar _definitions = require("../definitions");\n\nfunction traverse(node, handlers, state) {\n  if (typeof handlers === "function") {\n

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handlers = {\n  enter: handlers\n }; \n } \n\n const {\n  enter,\n  exit\n } = handlers;\n
traverseSimpleImpl(node, enter, exit, state, []);\n\nfunction traverseSimpleImpl(node, enter, exit, state, ancestors)
{\n  const keys = _definitions.VISITOR_KEYS[node.type];\n  if (!keys) return;\n  if (enter) enter(node, ancestors,
state);\n  for (const key of keys) {\n    const subNode = node[key];\n    if (Array.isArray(subNode)) {\n      for
(let i = 0; i < subNode.length; i++) {\n        const child = subNode[i];\n        if (!child) continue;\n
ancestors.push({\n          node,\n          key,\n          index: i\n });\n        traverseSimpleImpl(child, enter, exit,
state, ancestors);\n        ancestors.pop();\n      }\n    } else if (subNode) {\n      ancestors.push({\n        node,\n
key\n });\n      traverseSimpleImpl(subNode, enter, exit, state, ancestors);\n      ancestors.pop();\n    }\n  }\n\n if
(exit) exit(node, ancestors, state);\n }", "\nuse strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\nexports.default = isBinding;\n\nvar _getBindingIdentifiers =
require(\"../retrievers/getBindingIdentifiers\");\n\nfunction isBinding(node, parent, grandparent) {\n  if (grandparent
&& node.type === \"Identifier\" && parent.type === \"ObjectProperty\" && grandparent.type ===
\"ObjectExpression\") {\n    return false;\n  }\n\n  const keys = _getBindingIdentifiers.default.keys[parent.type];\n\n
if (keys) {\n    for (let i = 0; i < keys.length; i++) {\n      const key = keys[i];\n      const val = parent[key];\n\n
if (Array.isArray(val)) {\n        if (val.indexOf(node) >= 0) return true;\n      } else {\n        if (val === node) return
true;\n      }\n    }\n  }\n\n  return false;\n }", "\nuse strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n
value: true\n});\nexports.default = isBlockScoped;\n\nvar _generated = require(\"../generated\");\n\nvar _isLet =
require(\"../isLet\");\n\nfunction isBlockScoped(node) {\n  return (0, _generated.isFunctionDeclaration)(node) || (0,
_generated.isClassDeclaration)(node) || (0, _isLet.default)(node);\n }", "\nuse
strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\nexports.default =
isImmutable;\n\nvar _isType = require(\"../isType\");\n\nvar _generated = require(\"../generated\");\n\nfunction
isImmutable(node) {\n  if ((0, _isType.default)(node.type, \"Immutable\")) return true;\n\n  if ((0,
_generated.isIdentifier)(node)) {\n    if (node.name === \"undefined\") {\n      return true;\n    } else {\n      return
false;\n    }\n  }\n\n  return false;\n }", "\nuse strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\nexports.default = isNodesEquivalent;\n\nvar _definitions = require(\"../definitions\");\n\nfunction
isNodesEquivalent(a, b) {\n  if (typeof a !== \"object\" || typeof b !== \"object\" || a == null || b == null) {\n    return
a === b;\n  }\n\n  if (a.type !== b.type) {\n    return false;\n  }\n\n  const fields =
Object.keys(_definitions.NODE_FIELDS[a.type] || a.type);\n  const visitorKeys =
_definitions.VISITOR_KEYS[a.type];\n\n  for (const field of fields) {\n    if (typeof a[field] !== typeof b[field]) {\n
return false;\n    }\n\n    if (a[field] == null && b[field] == null) {\n      continue;\n    } else if (a[field] == null ||
b[field] == null) {\n      return false;\n    }\n\n    if (Array.isArray(a[field])) {\n      if (!Array.isArray(b[field])) {\n
return false;\n      }\n\n      if (a[field].length !== b[field].length) {\n        return false;\n      }\n\n      for (let i = 0; i <
a[field].length; i++) {\n        if (!isNodesEquivalent(a[field][i], b[field][i])) {\n          return false;\n        }\n      }\n\n
continue;\n    }\n\n    if (typeof a[field] === \"object\" && !(visitorKeys != null && visitorKeys.includes(field)))
{\n      for (const key of Object.keys(a[field])) {\n        if (a[field][key] !== b[field][key]) {\n          return false;\n
        }\n      }\n\n      continue;\n    }\n\n    if (!isNodesEquivalent(a[field], b[field])) {\n      return false;\n    }\n  }\n\n
return true;\n }", "\nuse strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\nexports.default = isReferenced;\n\nfunction isReferenced(node, parent, grandparent) {\n  switch
(parent.type) {\n    case \"MemberExpression\":\n    case \"JSXMemberExpression\":\n    case
\"OptionalMemberExpression\":\n      if (parent.property === node) {\n        return !!parent.computed;\n      }\n\n      return parent.object === node;\n    case \"VariableDeclarator\":\n      return parent.init === node;\n    case
\"ArrowFunctionExpression\":\n      return parent.body === node;\n    case \"PrivateName\":\n      return false;\n    case
\"ClassMethod\":\n    case \"ClassPrivateMethod\":\n    case \"ObjectMethod\":\n      if
(parent.params.includes(node)) {\n        return false;\n      }\n\n      case \"ObjectProperty\":\n      case
\"ClassProperty\":\n      case \"ClassPrivateProperty\":\n        if (parent.key === node) {\n          return
!!parent.computed;\n        }\n\n        if (parent.value === node) {\n          return !grandparent || grandparent.type !==
\"ObjectPattern\";\n        }\n\n        return true;\n    case \"ClassDeclaration\":\n    case \"ClassExpression\":\n      return parent.superClass === node;\n    case \"AssignmentExpression\":\n      return parent.right === node;\n  }

```



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*\n\nvar util = require('./util');\n\n * Determine whether mappingB is after mappingA with respect to generated\n * position.\n\nfunction generatedPositionAfter(mappingA, mappingB) {\n // Optimized for most common case\n var lineA = mappingA.generatedLine;\n var lineB = mappingB.generatedLine;\n var columnA = mappingA.generatedColumn;\n var columnB = mappingB.generatedColumn;\n return lineB > lineA || lineB == lineA && columnB >= columnA ||\n util.compareByGeneratedPositionsInflated(mappingA, mappingB) <= 0;\n}\n\n * A data structure to provide a sorted view of accumulated mappings in a\n * performance conscious manner. It trades a negligible overhead in general\n * case for a large speedup in case of mappings being added in order.\n\nfunction MappingList() {\n this._array = [];\n this._sorted = true;\n // Serves as infimum\n this._last = {generatedLine: -1, generatedColumn: 0};\n}\n\n * Iterate through internal items. This method takes the same arguments that\n * `Array.prototype.forEach` takes.\n * NOTE: The order of the mappings is NOT guaranteed.\n\nMappingList.prototype.unsortedForEach = function MappingList_unsortedForEach(aCallback, aThisArg) {\n this._array.forEach(aCallback, aThisArg);\n};\n\n * Add the given source mapping.\n * @param Object aMapping\n\nMappingList.prototype.add = function MappingList_add(aMapping) {\n if (generatedPositionAfter(this._last, aMapping)) {\n this._last = aMapping;\n this._array.push(aMapping);\n }\n else {\n this._sorted = false;\n this._array.push(aMapping);\n }\n}\n\n * Returns the flat, sorted array of mappings. The mappings are sorted by\n * generated position.\n * WARNING: This method returns internal data without copying, for\n * performance. The return value must NOT be mutated, and should be treated as\n * an immutable borrow. If you want to take ownership, you must make your own\n * copy.\n\nMappingList.prototype.toArray = function MappingList_toArray() {\n if (!this._sorted) {\n this._array.sort(util.compareByGeneratedPositionsInflated);\n this._sorted = true;\n }\n return this._array;\n};\n\nexports.MappingList = MappingList;\n\n/* -*- Mode: js; js-indent-level: 2; -*- */\n\n * Copyright 2011 Mozilla Foundation and contributors\n * Licensed under the New BSD license. See LICENSE or:\n * http://opensource.org/licenses/BSD-3-Clause\n\nvar util = require('./util');\nvar binarySearch = require('./binary-search');\nvar ArraySet = require('./array-set').ArraySet;\nvar base64VLQ = require('./base64-vlq');\nvar quickSort = require('./quick-sort').quickSort;\n\nfunction SourceMapConsumer(aSourceMap) {\n var sourceMap = aSourceMap;\n if (typeof aSourceMap === 'string') {\n sourceMap =\n JSON.parse(aSourceMap.replace(/^(\\|\\|)\\|\\|\\|/', ''));\n }\n return sourceMap.sections != null\n ? new IndexedSourceMapConsumer(sourceMap)\n : new BasicSourceMapConsumer(sourceMap);\n}\n\nSourceMapConsumer.prototype.fromSourceMap = function(aSourceMap) {\n return BasicSourceMapConsumer.fromSourceMap(aSourceMap);\n}\n\n * The version of the source mapping spec that we are consuming.\n\nSourceMapConsumer.prototype._version = 3;\n\n * `__generatedMappings` and `__originalMappings` are arrays that hold the\n // parsed mapping coordinates from the source map's \"mappings\" attribute. They\n // are lazily instantiated, accessed via the `__generatedMappings` and\n // `__originalMappings` getters respectively, and we only parse the mappings\n // and create these arrays once queried for a source location. We jump through\n // these hoops because there can be many thousands of mappings, and parsing\n // them is expensive, so we only want to do it if we must.\n // Each object in the arrays is of the form:\n //\n //   { generatedLine: The line number in the generated code,\n //     generatedColumn: The column number in the generated code,\n //     source: The path to the original source file that generated this\n //       chunk of code,\n //     originalLine: The line number in the original source that\n //       corresponds to this chunk of generated code,\n //     originalColumn: The column number in the original source that\n //       corresponds to this chunk of generated code,\n //     name: The name of the original symbol which generated this chunk of\n //       code.\n //\n // All properties except for `generatedLine` and `generatedColumn` can be\n // `null`.\n\nSourceMapConsumer.prototype.__generatedMappings =\n null;\nObject.defineProperty(SourceMapConsumer.prototype, 'generatedMappings', {\n get: function () {\n if (!this.__generatedMappings) {\n this._parseMappings(this._mappings, this.sourceRoot);\n }\n return this.__generatedMappings;\n }\n});\n\nSourceMapConsumer.prototype.__originalMappings =\n null;\nObject.defineProperty(SourceMapConsumer.prototype, 'originalMappings', {\n get: function () {\n if
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(!this.__originalMappings) {\n  this._parseMappings(this._mappings, this.sourceRoot);\n }\n\n return\n this.__originalMappings;\n }\n});\n\nSourceMapConsumer.prototype._charIsMappingSeparator =\n function\n SourceMapConsumer_charIsMappingSeparator(aStr, index) {\n  var c = aStr.charAt(index);\n  return c === \"\";\n }\n\n c === \"\";\n };\n\n/**\n * Parse the mappings in a string in to a data structure which we can easily\n * query (the\n ordered arrays in the `this.__generatedMappings` and\n * `this.__originalMappings` properties).\n *\n *\nSourceMapConsumer.prototype._parseMappings =\n function SourceMapConsumer_parseMappings(aStr,\n aSourceRoot) {\n  throw new Error(\"Subclasses must implement _parseMappings\");\n }\n\nSourceMapConsumer.GENERATED_ORDER = 1;\nSourceMapConsumer.ORIGINAL_ORDER =\n 2;\n\nSourceMapConsumer.GREATEST_LOWER_BOUND =\n 1;\nSourceMapConsumer.LEAST_UPPER_BOUND = 2;\n\n/**\n * Iterate over each mapping between an original\n source/line/column and a\n * generated line/column in this source map.\n *\n * @param Function aCallback\n * The function that is called with each mapping.\n *\n * @param Object aContext\n * Optional. If specified, this\n object will be the value of `this` every\n * time that `aCallback` is called.\n *\n * @param aOrder\n * Either\n `SourceMapConsumer.GENERATED_ORDER` or\n * `SourceMapConsumer.ORIGINAL_ORDER`. Specifies\n whether you want to\n * iterate over the mappings sorted by the generated file's line/column\n * order or the\n original's source/line/column order, respectively. Defaults to\n *\n `SourceMapConsumer.GENERATED_ORDER`. \n *\nSourceMapConsumer.prototype.eachMapping =\n function\n SourceMapConsumer_eachMapping(aCallback, aContext, aOrder) {\n  var context = aContext || null;\n  var order =\n aOrder || SourceMapConsumer.GENERATED_ORDER;\n\n  var mappings;\n  switch (order) {\n    case\n SourceMapConsumer.GENERATED_ORDER:\n      mappings = this._generatedMappings;\n      break;\n    case\n SourceMapConsumer.ORIGINAL_ORDER:\n      mappings = this._originalMappings;\n      break;\n    default:\n      throw new Error(\"Unknown order of iteration.\");\n  }\n\n  var sourceRoot = this.sourceRoot;\n\n  mappings.map(function (mapping) {\n    var source = mapping.source === null ? null :\n this._sources.at(mapping.source);\n    if (source !== null && sourceRoot !== null) {\n      source =\n util.join(sourceRoot, source);\n    }\n\n    return {\n      source: source,\n      generatedLine:\n mapping.generatedLine,\n      generatedColumn: mapping.generatedColumn,\n      originalLine:\n mapping.originalLine,\n      originalColumn: mapping.originalColumn,\n      name: mapping.name === null ? null :\n : this._names.at(mapping.name)\n    };\n  }).forEach(aCallback, context);\n };\n\n/**\n * Returns all\n generated line and column information for the original source,\n * line, and column provided. If no column is\n provided, returns all mappings\n * corresponding to a either the line we are searching for or the next\n * closest line\n that has any mappings. Otherwise, returns all mappings\n * corresponding to the given line and either the column we\n are searching for\n * or the next closest column that has any offsets.\n *\n * The only argument is an object with the\n following properties:\n *\n * - source: The filename of the original source.\n *\n * - line: The line number in the\n original source.\n *\n * - column: Optional. the column number in the original source.\n *\n * and an array of objects is\n returned, each with the following properties:\n *\n * - line: The line number in the generated source, or null.\n *\n * -\n column: The column number in the generated source, or null.\n\n *\nSourceMapConsumer.prototype.allGeneratedPositionsFor =\n function\n SourceMapConsumer_allGeneratedPositionsFor(aArgs) {\n  var line = util.getArg(aArgs, 'line');\n\n  // When\n there is no exact match, BasicSourceMapConsumer.prototype._findMapping\n // returns the index of the closest\n mapping less than the needle. By\n // setting needle.originalColumn to 0, we thus find the last mapping for\n // the given line, provided such a mapping exists.\n  var needle = {\n    source: util.getArg(aArgs, 'source'),\n    originalLine: line,\n    originalColumn: util.getArg(aArgs, 'column', 0)\n  };\n\n  if (this.sourceRoot !== null) {\n    needle.source = util.relative(this.sourceRoot, needle.source);\n  }\n\n  if (!this._sources.has(needle.source)) {\n    return [];\n  }\n\n  needle.source = this._sources.indexOf(needle.source);\n\n  var mappings = [];\n  var index =\n this._findMapping(needle,\n this._originalMappings,\n \"originalLine\",\n \"originalColumn\",\n util.compareByOriginalPositions,\n binarySearch.LEAST_UPPER_BOUND);\n  if (index >= 0) {\n    var mapping =\n this._originalMappings[index];\n\n    if (aArgs.column === undefined) {\n      var originalLine =
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mapping.originalLine;\n\n    // Iterate until either we run out of mappings, or we run into\n    // a mapping for a
different line than the one we found. Since\n    // mappings are sorted, this is guaranteed to find all mappings for\n
    // the line we found.\n    while (mapping && mapping.originalLine === originalLine) {\n
mappings.push({\n        line: util.getArg(mapping, 'generatedLine', null),\n        column: util.getArg(mapping,
'generatedColumn', null),\n        lastColumn: util.getArg(mapping, 'lastGeneratedColumn', null)\n    });\n\n
    mapping = this._originalMappings[++index];\n    } else {\n        var originalColumn =
mapping.originalColumn;\n\n        // Iterate until either we run out of mappings, or we run into\n        // a mapping
for a different line than the one we were searching for.\n        // Since mappings are sorted, this is guaranteed to find
all mappings for\n        // the line we are searching for.\n        while (mapping &&\n            mapping.originalLine
=== line &&\n            mapping.originalColumn === originalColumn) {\n            mappings.push({\n                line:
util.getArg(mapping, 'generatedLine', null),\n                column: util.getArg(mapping, 'generatedColumn', null),\n
                lastColumn: util.getArg(mapping, 'lastGeneratedColumn', null)\n            });\n\n            mapping =
this._originalMappings[++index];\n        }\n    }\n\n    return mappings;\n};\n\nexports.SourceMapConsumer
= SourceMapConsumer;\n\n/**\n * A BasicSourceMapConsumer instance represents a parsed source map which we
can\n * query for information about the original file positions by giving it a file\n * position in the generated
source.\n * The only parameter is the raw source map (either as a JSON string, or\n * already parsed to an
object). According to the spec, source maps have the\n * following attributes:\n *\n * - version: Which version of
the source map spec this map is following.\n * - sources: An array of URLs to the original source files.\n * -
names: An array of identifiers which can be referenced by individual mappings.\n * - sourceRoot: Optional. The
URL root from which all sources are relative.\n * - sourcesContent: Optional. An array of contents of the original
source files.\n * - mappings: A string of base64 VLQs which contain the actual mappings.\n * - file: Optional.
The generated file this source map is associated with.\n *\n * Here is an example source map, taken from the source
map spec[0]:\n *\n * {\n *     version : 3,\n *     file: \"out.js\",\n *     sourceRoot : \"\",\n *     sources:
[\"foo.js\", \"bar.js\"],\n *     names: [\"src\", \"maps\", \"are\", \"fun\"],\n *     mappings: \"AA,AB;;ABCDE;\"\n *
}\n *\n * [0]: https://docs.google.com/document/d/1U1RGAehQwRypUTovF1KRIpiOFze0b-\_2gc6fAH0KY0k/edit?pli=1#\n *\n * \nfunction BasicSourceMapConsumer(aSourceMap) {\n    var sourceMap =
aSourceMap;\n    if (typeof aSourceMap === 'string') {\n        sourceMap = JSON.parse(aSourceMap.replace(/^(\\|\\|\\|)/,
\"));\n    }\n\n    var version = util.getArg(sourceMap, 'version');\n    var sources = util.getArg(sourceMap, 'sources');\n    //
Sass 3.3 leaves out the 'names' array, so we deviate from the spec (which\n    // requires the array) to play nice here.\n
    var names = util.getArg(sourceMap, 'names', []);\n    var sourceRoot = util.getArg(sourceMap, 'sourceRoot', null);\n
    var sourcesContent = util.getArg(sourceMap, 'sourcesContent', null);\n    var mappings = util.getArg(sourceMap,
'mappings');\n    var file = util.getArg(sourceMap, 'file', null);\n\n    // Once again, Sass deviates from the spec and
supplies the version as a\n    // string rather than a number, so we use loose equality checking here.\n    if (version !=
this._version) {\n        throw new Error('Unsupported version: ' + version);\n    }\n\n    sources = sources\n
.map(String)\n    // Some source maps produce relative source paths like \"/foo.js\" instead of\n    // \"foo.js\".
Normalize these first so that future comparisons will succeed.\n    // See bugzil.la/1090768.\n    .map(util.normalize)\n    // Always ensure that absolute sources are internally stored relative to\n    // the source root,
if the source root is absolute. Not doing this would\n    // be particularly problematic when the source root is a prefix
of the\n    // source (valid, but why??). See github issue #199 and bugzil.la/1188982.\n    .map(function (source) {\n
        return sourceRoot && util.isAbsolute(sourceRoot) && util.isAbsolute(source)\n            ? util.relative(sourceRoot,
source)\n            : source;\n    });\n\n    // Pass `true` below to allow duplicate names and sources. While source maps\n
// are intended to be compressed and deduplicated, the TypeScript compiler\n    // sometimes generates source maps
with duplicates in them. See Github issue\n    // #72 and bugzil.la/889492.\n    this._names =
ArraySet.fromArray(names.map(String), true);\n    this._sources = ArraySet.fromArray(sources, true);\n    this.sourceRoot = sourceRoot;\n    this.sourcesContent = sourcesContent;\n    this._mappings = mappings;\n    this.file =
file;\n}\n\nBasicSourceMapConsumer.prototype =
Object.create(SourceMapConsumer.prototype);\nBasicSourceMapConsumer.prototype.consumer =
SourceMapConsumer;\n\n/**\n * Create a BasicSourceMapConsumer from a SourceMapGenerator.\n *\n */

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@param SourceMapGenerator aSourceMap\n *      The source map that will be consumed.\n * @returns
BasicSourceMapConsumer\n *^\nBasicSourceMapConsumer.fromSourceMap =\n function
SourceMapConsumer_fromSourceMap(aSourceMap) {\n  var smc =
Object.create(BasicSourceMapConsumer.prototype);\n\n  var names = smc._names =
ArraySet.fromArray(aSourceMap._names.toArray(), true);\n  var sources = smc._sources =
ArraySet.fromArray(aSourceMap._sources.toArray(), true);\n  smc.sourceRoot = aSourceMap._sourceRoot;\n  smc.sourcesContent = aSourceMap._generateSourcesContent(smc._sources.toArray(),\n
    smc.sourceRoot);\n  smc.file = aSourceMap._file;\n\n  // Because we are modifying the entries (by
converting string sources and\n  // names to indices into the sources and names ArraySets), we have to make\n  //
a copy of the entry or else bad things happen. Shared mutable state\n  // strikes again! See github issue #191.\n\n  var generatedMappings = aSourceMap._mappings.toArray().slice();\n  var destGeneratedMappings =
smc.__generatedMappings = [];\n  var destOriginalMappings = smc.__originalMappings = [];\n  for (var i = 0,
length = generatedMappings.length; i < length; i++) {\n    var srcMapping = generatedMappings[i];\n    var
destMapping = new Mapping;\n    destMapping.generatedLine = srcMapping.generatedLine;\n
destMapping.generatedColumn = srcMapping.generatedColumn;\n\n    if (srcMapping.source) {\n
destMapping.source = sources.indexOf(srcMapping.source);\n    destMapping.originalLine =
srcMapping.originalLine;\n    destMapping.originalColumn = srcMapping.originalColumn;\n\n    if
(srcMapping.name) {\n      destMapping.name = names.indexOf(srcMapping.name);\n    }\n\n
destOriginalMappings.push(destMapping);\n  }\n  destGeneratedMappings.push(destMapping);\n }\n\n
quickSort(smc.__originalMappings, util.compareByOriginalPositions);\n\n  return smc;\n };\n\n/**\n * The
version of the source mapping spec that we are consuming.\n *^\nBasicSourceMapConsumer.prototype._version =
3;\n\n/**\n * The list of original sources.\n *^\nObject.defineProperty(BasicSourceMapConsumer.prototype,
'sources', {\n  get: function () {\n    return this._sources.toArray().map(function (s) {\n      return this.sourceRoot !=
null ? util.join(this.sourceRoot, s) : s;\n    }, this);\n  });\n\n/**\n * Provide the JIT with a nice shape / hidden
class.\n *^\nfunction Mapping() {\n  this.generatedLine = 0;\n  this.generatedColumn = 0;\n  this.source = null;\n
this.originalLine = null;\n  this.originalColumn = null;\n  this.name = null;\n}\n\n/**\n * Parse the mappings in a
string in to a data structure which we can easily\n * query (the ordered arrays in the `this.__generatedMappings`
and\n * `this.__originalMappings` properties).\n *^\nBasicSourceMapConsumer.prototype._parseMappings =\n function SourceMapConsumer_parseMappings(aStr, aSourceRoot) {\n  var generatedLine = 1;\n  var
previousGeneratedColumn = 0;\n  var previousOriginalLine = 0;\n  var previousOriginalColumn = 0;\n  var
previousSource = 0;\n  var previousName = 0;\n  var length = aStr.length;\n  var index = 0;\n  var
cachedSegments = {};\n  var temp = {};\n  var originalMappings = [];\n  var generatedMappings = [];\n  var
mapping, str, segment, end, value;\n\n  while (index < length) {\n    if (aStr.charAt(index) === ';') {\n
generatedLine++;\n    index++;\n    previousGeneratedColumn = 0;\n    } else if (aStr.charAt(index) ===
',') {\n    index++;\n    } else {\n    mapping = new Mapping();\n    mapping.generatedLine =
generatedLine;\n\n    // Because each offset is encoded relative to the previous one,\n    // many segments often
have the same encoding. We can exploit this\n    // fact by caching the parsed variable length fields of each
segment,\n    // allowing us to avoid a second parse if we encounter the same\n    // segment again.\n    for
(end = index; end < length; end++) {\n      if (this._charIsMappingSeparator(aStr, end)) {\n        break;\n
      }\n    }\n    str = aStr.slice(index, end);\n\n    segment = cachedSegments[str];\n    if (segment) {\n
index += str.length;\n    } else {\n    segment = [];\n    while (index < end) {\n
base64VLQ.decode(aStr, index, temp);\n      value = temp.value;\n      index = temp.rest;\n
segment.push(value);\n    }\n\n    if (segment.length === 2) {\n      throw new Error('Found a source, but
no line and column');\n    }\n\n    if (segment.length === 3) {\n      throw new Error('Found a source and
line, but no column');\n    }\n\n    cachedSegments[str] = segment;\n    }\n\n    // Generated column.\n
mapping.generatedColumn = previousGeneratedColumn + segment[0];\n    previousGeneratedColumn =
mapping.generatedColumn;\n\n    if (segment.length > 1) {\n      // Original source.\n      mapping.source =
previousSource + segment[1];\n      previousSource += segment[1];\n\n      // Original line.\n

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mapping.originalLine = previousOriginalLine + segment[2];\n      previousOriginalLine =
mapping.originalLine;\n      // Lines are stored 0-based\n      mapping.originalLine += 1;\n      // Original
column.\n      mapping.originalColumn = previousOriginalColumn + segment[3];\n      previousOriginalColumn
= mapping.originalColumn;\n\n      if (segment.length > 4) {\n      // Original name.\n      mapping.name =
previousName + segment[4];\n      previousName += segment[4];\n      }\n\n      generatedMappings.push(mapping);\n      if (typeof mapping.originalLine === 'number') {\n
originalMappings.push(mapping);\n      }\n\n      quickSort(generatedMappings,
util.compareByGeneratedPositionsDeflated);\n      this.__generatedMappings = generatedMappings;\n\n
quickSort(originalMappings, util.compareByOriginalPositions);\n      this.__originalMappings = originalMappings;\n
};\n\n/**\n * Find the mapping that best matches the hypothetical \"needle\" mapping that\n * we are searching for
in the given \"haystack\" of mappings.\n * ^\nBasicSourceMapConsumer.prototype._findMapping =\n function
SourceMapConsumer_findMapping(aNeedle, aMappings, aLineNumber,\n                               aColumnName,\n                               aComparator, aBias) {\n      // To return the position we are searching for, we must first find the\n      // mapping for the
given position and then return the opposite position it\n      // points to. Because the mappings are sorted, we can use
binary search to\n      // find the best mapping.\n\n      if (aNeedle[aLineNumber] <= 0) {\n      throw new TypeError('Line
must be greater than or equal to 1, got '\n      + aNeedle[aLineNumber]);\n      }\n      if
(aNeedle[aColumnName] < 0) {\n      throw new TypeError('Column must be greater than or equal to 0, got '\n
      + aNeedle[aColumnName]);\n      }\n\n      return binarySearch.search(aNeedle, aMappings, aComparator,\n
aBias);\n      };\n\n/**\n * Compute the last column for each generated mapping. The last column is\n * inclusive.\n
*\nBasicSourceMapConsumer.prototype.computeColumnSpans =\n function
SourceMapConsumer_computeColumnSpans() {\n      for (var index = 0; index < this._generatedMappings.length;\n
      ++index) {\n      var mapping = this._generatedMappings[index];\n\n      // Mappings do not contain a field for the
last generated column. We\n      // can come up with an optimistic estimate, however, by assuming that\n      //
mappings are contiguous (i.e. given two consecutive mappings, the\n      // first mapping ends where the second one
starts).\n      if (index + 1 < this._generatedMappings.length) {\n      var nextMapping =
this._generatedMappings[index + 1];\n\n      if (mapping.generatedLine === nextMapping.generatedLine) {\n
mapping.lastGeneratedColumn = nextMapping.generatedColumn - 1;\n      continue;\n      }\n\n      // The
last mapping for each line spans the entire line.\n      mapping.lastGeneratedColumn = Infinity;\n      }\n      };\n\n/**\n *
Returns the original source, line, and column information for the generated\n * source's line and column positions
provided. The only argument is an object\n * with the following properties:\n * - line: The line number in the
generated source.\n * - column: The column number in the generated source.\n * - bias: Either
'SourceMapConsumer.GREATEST_LOWER_BOUND' or\n * 'SourceMapConsumer.LEAST_UPPER_BOUND'.
Specifies whether to return the\n * closest element that is smaller than or greater than the one we are\n *
searching for, respectively, if the exact element cannot be found.\n * Defaults to
'SourceMapConsumer.GREATEST_LOWER_BOUND'.\n *\n * and an object is returned with the following
properties:\n * - source: The original source file, or null.\n * - line: The line number in the original source, or
null.\n * - column: The column number in the original source, or null.\n * - name: The original identifier, or
null.\n *\nBasicSourceMapConsumer.prototype.originalPositionFor =\n function
SourceMapConsumer_originalPositionFor(aArgs) {\n      var needle = {\n      generatedLine: util.getArg(aArgs,\n
'line'),\n      generatedColumn: util.getArg(aArgs, 'column')\n      };\n\n      var index = this._findMapping(\n
needle,\n      this._generatedMappings,\n      \"generatedLine\", \n      \"generatedColumn\", \n
util.compareByGeneratedPositionsDeflated,\n      util.getArg(aArgs, 'bias'),\n
SourceMapConsumer.GREATEST_LOWER_BOUND)\n      );\n\n      if (index >= 0) {\n      var mapping =
this._generatedMappings[index];\n\n      if (mapping.generatedLine === needle.generatedLine) {\n      var source =
util.getArg(mapping, 'source', null);\n      if (source !== null) {\n      source = this._sources.at(source);\n      if
(this.sourceRoot != null) {\n      source = util.join(this.sourceRoot, source);\n      }\n      }\n      var name =
util.getArg(mapping, 'name', null);\n      if (name !== null) {\n      name = this._names.at(name);\n      }\n
return {\n      source: source,\n      line: util.getArg(mapping, 'originalLine', null),\n      column:

```

```

util.getArg(mapping, 'originalColumn', null),\n      name: name\n    };\n  }\n  }\n  return {\n    source:\n    null,\n    line: null,\n    column: null,\n    name: null\n  };\n};\n\n/**\n * Return true if we have the source\n * content for every source in the source\n * map, false otherwise.\n *\nBasicSourceMapConsumer.prototype.hasContentsOfAllSources =\n function\n\nBasicSourceMapConsumer_hasContentsOfAllSources() {\n  if (!this.sourcesContent) {\n    return false;\n  }\n  return this.sourcesContent.length >= this._sources.size() &&\n    !this.sourcesContent.some(function (sc) {\n      return\n      sc == null;\n    });\n};\n\n/**\n * Returns the original source content. The only argument is the url of the\n * original\n * source file. Returns null if no original source content is\n * available.\n *\nBasicSourceMapConsumer.prototype.sourceContentFor =\n function\n\nSourceMapConsumer_sourceContentFor(aSource, nullOnMissing) {\n  if (!this.sourcesContent) {\n    return\n    null;\n  }\n  if (this.sourceRoot != null) {\n    aSource = util.relative(this.sourceRoot, aSource);\n  }\n  if\n  (this._sources.has(aSource)) {\n    return this.sourcesContent[this._sources.indexOf(aSource)];\n  }\n  var\n  url;\n  if (this.sourceRoot != null\n    && (url = util.urlParse(this.sourceRoot))) {\n    // XXX: file:// URIs and\n    absolute paths lead to unexpected behavior for\n    // many users. We can help them out when they expect file://\n    URIs to\n    // behave like it would if they were running a local HTTP server. See\n    //\n    https://bugzilla.mozilla.org/show_bug.cgi?id=885597.\n    var fileUriAbsPath = aSource.replace(/^file:\\/\\/,\n    '\\/');\n    if (url.scheme == \"file\"\n      && this._sources.has(fileUriAbsPath)) {\n      return\n      this.sourcesContent[this._sources.indexOf(fileUriAbsPath)];\n    }\n    if ((!url.path || url.path == \"/\")\n      && this._sources.has(\"/\" + aSource)) {\n      return this.sourcesContent[this._sources.indexOf(\"/\" + aSource)];\n    }\n  }\n  // This function is used recursively from\n  //\n\nIndexedSourceMapConsumer.prototype.sourceContentFor. In that case, we\n  // don't want to throw if we can't find\n  the source - we just want to\n  // return null, so we provide a flag to exit gracefully.\n  if (nullOnMissing) {\n    return null;\n  }\n  else {\n    throw new Error(\"\" + aSource + \" is not in the SourceMap.\");\n  }\n};\n\n/**\n * Returns the generated line and column information for the original source,\n * line, and column positions provided.\n * The only argument is an object with\n * the following properties:\n * - source: The filename of the original\n * source.\n * - line: The line number in the original source.\n * - column: The column number in the original\n * source.\n * - bias: Either 'SourceMapConsumer.GREATEST_LOWER_BOUND' or\n * 'SourceMapConsumer.LEAST_UPPER_BOUND'. Specifies whether to return the\n * closest element that is\n * smaller than or greater than the one we are\n * searching for, respectively, if the exact element cannot be found.\n * Defaults to 'SourceMapConsumer.GREATEST_LOWER_BOUND'.  

 * and an object is returned with the\n * following properties:\n * - line: The line number in the generated source, or null.\n * - column: The column\n * number in the generated source, or null.\n *\nBasicSourceMapConsumer.prototype.generatedPositionFor =\n function\n\nSourceMapConsumer_generatedPositionFor(aArgs) {\n  var source = util.getArg(aArgs, 'source');\n  if\n  (this.sourceRoot != null) {\n    source = util.relative(this.sourceRoot, source);\n  }\n  if\n  (!this._sources.has(source)) {\n    return {\n      line: null,\n      column: null,\n      lastColumn: null\n    };\n  }\n  source = this._sources.indexOf(source);\n  var needle = {\n    source: source,\n    originalLine:\n    util.getArg(aArgs, 'line'),\n    originalColumn: util.getArg(aArgs, 'column')\n  };\n  var index =\n  this._findMapping(\n    needle,\n    this._originalMappings,\n    \"originalLine\",,\n    \"originalColumn\",,\n    util.compareByOriginalPositions,\n    util.getArg(aArgs, 'bias'),\n    SourceMapConsumer.GREATEST_LOWER_BOUND);\n  if (index >= 0) {\n    var mapping =\n    this._originalMappings[index];\n    if (mapping.source === needle.source) {\n      return {\n        line:\n        util.getArg(mapping, 'generatedLine', null),\n        column: util.getArg(mapping, 'generatedColumn', null),\n        lastColumn: util.getArg(mapping, 'lastGeneratedColumn', null)\n      };\n    }\n  }\n  return {\n    line: null,\n    column: null,\n    lastColumn: null\n  };\n};\n\nexports.BasicSourceMapConsumer =\n\nBasicSourceMapConsumer;\n\n/**\n * An IndexedSourceMapConsumer instance represents a parsed source map\n * which\n * we can query for information. It differs from BasicSourceMapConsumer in\n * that it takes \"indexed\"\n * source maps (i.e. ones with a \"sections\" field) as\n * input.  

 * The only parameter is a raw source map (either\n * as a JSON string, or already\n * parsed to an object). According to the spec for indexed source maps, they\n * have

```

the following attributes:

- `version`: Which version of the source map spec this map is following.
- `file`: Optional. The generated file this source map is associated with.
- `sections`: A list of section definitions. Each value under the `"sections"` field has two fields:
 - `offset`: The offset into the original specified at which this section begins to apply, defined as an object with a `"line"` and `"column"` field.
 - `map`: A source map definition. This source map could also be indexed, but doesn't have to be.

Instead of the `"map"` field, it's also possible to have a `"url"` field specifying a URL to retrieve a source map from, but that's currently unsupported.

Here's an example source map, taken from the source map spec[0], but modified to omit a section which uses the `"url"` field.

```
{
  version : 3,
  file : "app.js",
  sections : [
    {
      offset : { line:100, column:10 },
      map : {
        version : 3,
        file : "section.js",
        sources : ["foo.js", "bar.js"],
        names : ["src", "maps", "are", "fun"],
        mappings : "AAAA,E;ABCDE;"
      }
    }
  ],
}
```

[0]: https://docs.google.com/document/d/1U1RGAehQwRypUTovF1KRlp1OFze0b-_2gc6fAH0KY0k/edit#heading=h.535es3xeprgt

```
function IndexedSourceMapConsumer(aSourceMap) {
  var sourceMap = aSourceMap;
  if (typeof aSourceMap === 'string') {
    sourceMap =
      JSON.parse(aSourceMap.replace(/^(\\|\/|\\\/|'|\")+/g, ''));
  }
  var version = util.getArg(sourceMap, 'version');
  var sections = util.getArg(sourceMap, 'sections');
  if (version !== this._version) {
    throw new Error('Unsupported version: ' + version);
  }
  this._sources = new ArraySet();
  this._names = new ArraySet();
  var lastOffset = {
    line: -1,
    column: 0
  };
  this._sections = sections.map(function (s) {
    if (s.url) {
      // The url field will require support for asynchronicity.
      // See https://github.com/mozilla/source-map/issues/16
      throw new Error('Support for url field in sections not implemented.');
```

```

needle.generatedLine - \n      (section.generatedOffset.generatedLine - 1), \n      column: needle.generatedColumn - \n
      (section.generatedOffset.generatedLine === needle.generatedLine) \n      ?
section.generatedOffset.generatedColumn - 1 \n      : 0), \n      bias: aArgs.bias \n      }); \n      }; \n      \n      \n      \n      * Return true if
we have the source content for every source in the source \n      * map, false otherwise. \n
*\nIndexedSourceMapConsumer.prototype.hasContentsOfAllSources = \n      function
IndexedSourceMapConsumer_hasContentsOfAllSources() { \n      return this._sections.every(function (s) { \n
return s.consumer.hasContentsOfAllSources(); \n      }); \n      }; \n      \n      \n      \n      * Returns the original source content. The only
argument is the url of the \n      * original source file. Returns null if no original source content is \n      * available. \n
*\nIndexedSourceMapConsumer.prototype.sourceContentFor = \n      function
IndexedSourceMapConsumer_sourceContentFor(aSource, nullOnMissing) { \n      for (var i = 0; i <
this._sections.length; i++) { \n      var section = this._sections[i]; \n      var content =
section.consumer.sourceContentFor(aSource, true); \n      if (content) { \n      return content; \n      } \n      } \n      if
(nullOnMissing) { \n      return null; \n      } \n      else { \n      throw new Error("'" + aSource + "' is not in the
SourceMap."); \n      } \n      }; \n      \n      \n      \n      * Returns the generated line and column information for the original source, \n
* line, and column positions provided. The only argument is an object with \n      * the following properties: \n      * \n      * -
source: The filename of the original source. \n      * - line: The line number in the original source. \n      * - column: The
column number in the original source. \n      * \n      * and an object is returned with the following properties: \n      * \n      * - line:
The line number in the generated source, or null. \n      * - column: The column number in the generated source, or
null. \n      *\nIndexedSourceMapConsumer.prototype.generatedPositionFor = \n      function
IndexedSourceMapConsumer_generatedPositionFor(aArgs) { \n      for (var i = 0; i < this._sections.length; i++) { \n      \n      var section = this._sections[i]; \n      // Only consider this section if the requested source is in the list of \n      //
sources of the consumer. \n      if (section.consumer.sources.indexOf(util.getArg(aArgs, 'source')) === -1) { \n      \n      continue; \n      } \n      var generatedPosition = section.consumer.generatedPositionFor(aArgs); \n      if
(generatedPosition) { \n      var ret = { \n      line: generatedPosition.line + \n
(section.generatedOffset.generatedLine - 1), \n      column: generatedPosition.column + \n
(section.generatedOffset.generatedLine === generatedPosition.line) \n      ?
section.generatedOffset.generatedColumn - 1 \n      : 0); \n      }; \n      return ret; \n      } \n      } \n      } \n      \n      \n      \n      return { \n      line: null, \n      column: null \n      }; \n      }; \n      \n      \n      \n      * Parse the mappings in a string in to a data structure which we can
easily \n      * query (the ordered arrays in the `this.__generatedMappings` and \n      * `this.__originalMappings`
properties). \n      *\nIndexedSourceMapConsumer.prototype._parseMappings = \n      function
IndexedSourceMapConsumer_parseMappings(aStr, aSourceRoot) { \n      this.__generatedMappings = []; \n      this.__originalMappings = []; \n      for (var i = 0; i < this._sections.length; i++) { \n      var section =
this._sections[i]; \n      var sectionMappings = section.consumer._generatedMappings; \n      for (var j = 0; j <
sectionMappings.length; j++) { \n      var mapping = sectionMappings[j]; \n      var source =
section.consumer._sources.at(mapping.source); \n      if (section.consumer.sourceRoot !== null) { \n      source =
util.join(section.consumer.sourceRoot, source); \n      } \n      this._sources.add(source); \n      source =
this._sources.indexOf(source); \n      var name = section.consumer._names.at(mapping.name); \n      this._names.add(name); \n      name = this._names.indexOf(name); \n      // The mappings coming from the
consumer for the section have \n      // generated positions relative to the start of the section, so we \n      // need to
offset them to be relative to the start of the concatenated \n      // generated file. \n      var adjustedMapping = { \n      source: source, \n      generatedLine: mapping.generatedLine + \n
(section.generatedOffset.generatedLine -
1), \n      generatedColumn: mapping.generatedColumn + \n
(section.generatedOffset.generatedLine ===
mapping.generatedLine) \n      ? section.generatedOffset.generatedColumn - 1 \n      : 0), \n      originalLine:
mapping.originalLine, \n      originalColumn: mapping.originalColumn, \n      name: name \n      }; \n      \n      \n      \n      this.__generatedMappings.push(adjustedMapping); \n      if (typeof adjustedMapping.originalLine === 'number')
{ \n      this.__originalMappings.push(adjustedMapping); \n      } \n      } \n      } \n      } \n      \n      \n      \n      quickSort(this.__generatedMappings, util.compareByGeneratedPositionsDeflated); \n      quickSort(this.__originalMappings, util.compareByOriginalPositions); \n

```

```

};\n\nexports.IndexedSourceMapConsumer = IndexedSourceMapConsumer;\n", /* -*- Mode: js; js-indent-level: 2; -
*- */\n/*\n * Copyright 2011 Mozilla Foundation and contributors\n * Licensed under the New BSD license. See
LICENSE or:\n * http://opensource.org/licenses/BSD-3-Clause\n */\n\nexports.GREATEST_LOWER_BOUND =
1;\n\nexports.LEAST_UPPER_BOUND = 2;\n\n/**\n * Recursive implementation of binary search.\n * @param
aLow Indices here and lower do not contain the needle.\n * @param aHigh Indices here and higher do not contain
the needle.\n * @param aNeedle The element being searched for.\n * @param aHaystack The non-empty array
being searched.\n * @param aCompare Function which takes two elements and returns -1, 0, or 1.\n * @param
aBias Either 'binarySearch.GREATEST_LOWER_BOUND' or\n * 'binarySearch.LEAST_UPPER_BOUND'.
Specifies whether to return the\n *   closest element that is smaller than or greater than the one we are\n *
searching for, respectively, if the exact element cannot be found.\n */\n\nfunction recursiveSearch(aLow, aHigh,
aNeedle, aHaystack, aCompare, aBias) {\n // This function terminates when one of the following is true:\n //\n //
1. We find the exact element we are looking for.\n //\n // 2. We did not find the exact element, but we can return
the index of\n //   the next-closest element.\n //\n // 3. We did not find the exact element, and there is no next-
closest\n //   element than the one we are searching for, so we return -1.\n   var mid = Math.floor((aHigh - aLow) /
2) + aLow;\n   var cmp = aCompare(aNeedle, aHaystack[mid], true);\n   if (cmp === 0) {\n // Found the element we
are looking for.\n     return mid;\n   }\n   else if (cmp > 0) {\n // Our needle is greater than aHaystack[mid].\n     if
(aHigh - mid > 1) {\n // The element is in the upper half.\n       return recursiveSearch(mid, aHigh, aNeedle,
aHaystack, aCompare, aBias);\n     }\n     // The exact needle element was not found in this haystack. Determine if\n
// we are in termination case (3) or (2) and return the appropriate thing.\n     if (aBias ===
exports.LEAST_UPPER_BOUND) {\n       return aHigh < aHaystack.length ? aHigh : -1;\n     } else {\n       return
mid;\n     }\n   }\n   else {\n // Our needle is less than aHaystack[mid].\n     if (mid - aLow > 1) {\n // The element
is in the lower half.\n       return recursiveSearch(aLow, mid, aNeedle, aHaystack, aCompare, aBias);\n     }\n     //
we are in termination case (3) or (2) and return the appropriate thing.\n     if (aBias ===
exports.LEAST_UPPER_BOUND) {\n       return mid;\n     } else {\n       return aLow < 0 ? -1 : aLow;\n     }\n   }\n}\n\n/**\n * This is an implementation of binary search which will always try and return\n * the index of the
closest element if there is no exact hit. This is because\n * mappings between original and generated line/col pairs
are single points,\n * and there is an implicit region between each of them, so a miss just means\n * that you aren't
on the very start of a region.\n * @param aNeedle The element you are looking for.\n * @param aHaystack The
array that is being searched.\n * @param aCompare A function which takes the needle and an element in the\n *
array and returns -1, 0, or 1 depending on whether the needle is less\n *   than, equal to, or greater than the element,
respectively.\n * @param aBias Either 'binarySearch.GREATEST_LOWER_BOUND' or\n * 'binarySearch.LEAST_UPPER_BOUND'. Specifies whether to return the\n *   closest element that is smaller than
or greater than the one we are\n *   searching for, respectively, if the exact element cannot be found.\n * Defaults
to 'binarySearch.GREATEST_LOWER_BOUND'.\n */\n\nexports.search = function search(aNeedle, aHaystack,
aCompare, aBias) {\n if (aHaystack.length === 0) {\n   return -1;\n }\n\n   var index = recursiveSearch(-1,
aHaystack.length, aNeedle, aHaystack,\n                               aCompare, aBias ||
exports.GREATEST_LOWER_BOUND);\n   if (index < 0) {\n     return -1;\n   }\n\n   // We have found either the
exact element, or the next-closest element than\n // the one we are searching for. However, there may be more than
one such\n // element. Make sure we always return the smallest of these.\n   while (index - 1 >= 0) {\n     if
(aCompare(aHaystack[index], aHaystack[index - 1], true) !== 0) {\n       break;\n     }\n     --index;\n   }\n\n   return
index;\n};\n", /* -*- Mode: js; js-indent-level: 2; -*- */\n/*\n * Copyright 2011 Mozilla Foundation and
contributors\n * Licensed under the New BSD license. See LICENSE or:\n * http://opensource.org/licenses/BSD-3-
Clause\n */\n\n// It turns out that some (most?) JavaScript engines don't self-host\n// `Array.prototype.sort`. This
makes sense because C++ will likely remain\n// faster than JS when doing raw CPU-intensive sorting. However,
when using a\n// custom comparator function, calling back and forth between the VM's C++ and\n// JIT'd JS is
rather slow *and* loses JIT type information, resulting in\n// worse generated code for the comparator function than
would be optimal. In\n// fact, when sorting with a comparator, these costs outweigh the benefits of\n// sorting in
C++. By using our own JS-implemented Quick Sort (below), we get\n// a ~3500ms mean speed-up in

```

```

`bench/bench.html`.n\n/**.n * Swap the elements indexed by `x` and `y` in the array `ary`.n *.n * @param
{Array} ary.n * The array.n * @param {Number} x.n * The index of the first item.n * @param
{Number} y.n * The index of the second item.n */\nfunction swap(ary, x, y) {\n var temp = ary[x];\n ary[x] =
ary[y];\n ary[y] = temp;\n}\n\n/**.n * Returns a random integer within the range `low .. high` inclusive.n *.n *
@param {Number} low.n * The lower bound on the range.n * @param {Number} high.n * The upper
bound on the range.n */\nfunction randomIntInRange(low, high) {\n return Math.round(low + (Math.random() *
(high - low)));\n}\n\n/**.n * The Quick Sort algorithm.n *.n * @param {Array} ary.n * An array to sort.n *
@param {function} comparator.n * Function to use to compare two items.n * @param {Number} p.n *
Start index of the array.n * @param {Number} r.n * End index of the array.n */\nfunction doQuickSort(ary,
comparator, p, r) {\n // If our lower bound is less than our upper bound, we (1) partition the\n // array into two
pieces and (2) recurse on each half. If it is not, this is\n // the empty array and our base case.\n\n if (p < r) {\n //
(1) Partitioning.\n //\n // The partitioning chooses a pivot between `p` and `r` and moves all\n // elements that
are less than or equal to the pivot to the before it, and\n // all the elements that are greater than it after it. The effect
is that\n // once partition is done, the pivot is in the exact place it will be when\n // the array is put in sorted
order, and it will not need to be moved\n // again. This runs in O(n) time.\n\n // Always choose a random pivot
so that an input array which is reverse\n // sorted does not cause O(n^2) running time.\n var pivotIndex =
randomIntInRange(p, r);\n var i = p - 1;\n\n swap(ary, pivotIndex, r);\n var pivot = ary[r];\n\n // Immediately
after `j` is incremented in this loop, the following hold\n // true:\n //\n // * Every element in `ary[p .. i]` is less
than or equal to the pivot.\n //\n // * Every element in `ary[i+1 .. j-1]` is greater than the pivot.\n for (var j = p;
j < r; j++) {\n if (comparator(ary[j], pivot) <= 0) {\n i += 1;\n swap(ary, i, j);\n }\n }\n\n swap(ary, i + 1, j);\n var q = i + 1;\n\n // (2) Recurse on each half.\n\n doQuickSort(ary, comparator, p, q -
1);\n doQuickSort(ary, comparator, q + 1, r);\n }\n}\n\n/**.n * Sort the given array in-place with the given
comparator function.n *.n * @param {Array} ary.n * An array to sort.n * @param {function} comparator.n *
Function to use to compare two items.n */\nexports.quickSort = function (ary, comparator) {\n
doQuickSort(ary, comparator, 0, ary.length - 1);\n};\n\n"/** -*- Mode: js; js-indent-level: 2; -*/\n\n * Copyright
2011 Mozilla Foundation and contributors.n * Licensed under the New BSD license. See LICENSE or:\n *
http://opensource.org/licenses/BSD-3-Clause\n */\n\nvar SourceMapGenerator = require('./source-map-
generator').SourceMapGenerator;\nvar util = require('./util');\n\n// Matches a Windows-style `\\r\\n` newline or a
`\\n` newline used by all other\n// operating systems these days (capturing the result).\nvar REGEX_NEWLINE =
/(\\r?\\n)/;\n\n// Newline character code for charCodeAt() comparisons\nvar NEWLINE_CODE = 10;\n\n// Private
symbol for identifying `SourceNode`s when multiple versions of\n// the source-map library are loaded. This MUST
NOT CHANGE across\n// versions!\nvar isSourceNode = "$$isSourceNode$$";\n\n/**.n * SourceNodes
provide a way to abstract over interpolating/concatenating\n * snippets of generated JavaScript source code while
maintaining the line and\n * column information associated with the original source code.n *.n * @param aLine
The original line number.n * @param aColumn The original column number.n * @param aSource The original
source's filename.n * @param aChunks Optional. An array of strings which are snippets of\n * generated JS, or
other SourceNodes.n * @param aName The original identifier.n */\nfunction SourceNode(aLine, aColumn,
aSource, aChunks, aName) {\n this.children = [];\n this.sourceContents = {};\n this.line = aLine == null ? null :
aLine;\n this.column = aColumn == null ? null : aColumn;\n this.source = aSource == null ? null : aSource;\n
this.name = aName == null ? null : aName;\n this[isSourceNode] = true;\n if (aChunks != null)\n this.add(aChunks);\n}\n\n/**.n * Creates a SourceNode from generated code and a SourceMapConsumer.n *.n *
@param aGeneratedCode The generated code.n * @param aSourceMapConsumer The SourceMap for the generated
code.n * @param aRelativePath Optional. The path that relative sources in the\n * SourceMapConsumer should
be relative to.n */\nSourceNode.fromStringWithSourceMap =\n function
SourceNode_fromStringWithSourceMap(aGeneratedCode, aSourceMapConsumer, aRelativePath) {\n // The
SourceNode we want to fill with the generated code\n // and the SourceMap\n var node = new
SourceNode();\n\n // All even indices of this array are one line of the generated code,\n // while all odd indices
are the newlines between two adjacent lines\n // (since `REGEX_NEWLINE` captures its match).\n // Processed

```



```

fragments are accessed by calling `shiftNextLine`.
    \n    var remainingLines =
    aGeneratedCode.split(REGEX_NEWLINE);
    \n    var remainingLinesIndex = 0;
    \n    var shiftNextLine = function()
    {
    \n        var lineContents = getNextLine();
    \n        // The last line of a file might not have a newline.
    \n        var newLine = getNextLine() || "\n";
    \n        return lineContents + newLine;
    \n    \n        function getNextLine() {
    \n            return remainingLinesIndex < remainingLines.length ?
    \n                remainingLines[remainingLinesIndex++] : undefined;
    \n        }
    \n    };
    \n    // We need to remember the position of "remainingLines"
    \n    var lastGeneratedLine = 1,
    lastGeneratedColumn = 0;
    \n    // The generate SourceNodes we need a code range.
    \n    // To extract it current and last mapping is used.
    \n    // Here we store the last mapping.
    \n    var lastMapping = null;
    \n    aSourceMapConsumer.eachMapping(function (mapping) {
    \n        if (lastMapping !== null) {
    \n            // We add the code from "lastMapping" to "mapping":
    \n            // First check if there is a new line in between.
    \n            if (lastGeneratedLine < mapping.generatedLine) {
    \n                // Associate first line with "lastMapping"
    \n                addMappingWithCode(lastMapping, shiftNextLine());
    \n                lastGeneratedLine++;
    \n                lastGeneratedColumn = 0;
    \n                // The remaining code is added without mapping
    \n            } else {
    \n                // There is no new line in between.
    \n                // Associate the code between "lastGeneratedColumn" and
    \n                // "mapping.generatedColumn" with "lastMapping"
    \n                var nextLine = remainingLines[remainingLinesIndex];
    \n                var code = nextLine.substr(0, mapping.generatedColumn -
    \n                    lastGeneratedColumn);
    \n                remainingLines[remainingLinesIndex] = nextLine.substr(
    \n                    mapping.generatedColumn - lastGeneratedColumn);
    \n                lastGeneratedColumn = mapping.generatedColumn;
    \n                addMappingWithCode(lastMapping, code);
    \n                // No more remaining code, continue
    \n                lastMapping = mapping;
    \n                return;
    \n            }
    \n        }
    \n        // We add the generated code until the first mapping
    \n        // to the SourceNode without any mapping.
    \n        // Each line is added as separate string.
    \n        while (lastGeneratedLine < mapping.generatedLine) {
    \n            node.add(shiftNextLine());
    \n            lastGeneratedLine++;
    \n        }
    \n        if (lastGeneratedColumn < mapping.generatedColumn) {
    \n            var nextLine = remainingLines[remainingLinesIndex];
    \n            node.add(nextLine.substr(0, mapping.generatedColumn));
    \n            remainingLines[remainingLinesIndex] = nextLine.substr(
    \n                mapping.generatedColumn);
    \n            lastGeneratedColumn = mapping.generatedColumn;
    \n        }
    \n        lastMapping = mapping;
    \n    }, this);
    \n    // We have processed all mappings.
    \n    if (remainingLinesIndex < remainingLines.length) {
    \n        if (lastMapping) {
    \n            // Associate the remaining code in the current line with "lastMapping"
    \n            addMappingWithCode(lastMapping, shiftNextLine());
    \n        }
    \n        // and add the remaining lines without any mapping
    \n        node.add(remainingLines.splice(remainingLinesIndex).join("\n"));
    \n    }
    \n    // Copy sourcesContent into SourceNode
    \n    aSourceMapConsumer.sources.forEach(function (sourceFile) {
    \n        var content = aSourceMapConsumer.sourceContentFor(sourceFile);
    \n        if (content !== null) {
    \n            if (aRelativePath !== null) {
    \n                sourceFile = util.join(aRelativePath, sourceFile);
    \n            }
    \n            node.setSourceContent(sourceFile, content);
    \n        }
    \n    });
    \n    return node;
    \n    \n    function addMappingWithCode(mapping, code) {
    \n        if (mapping === null || mapping.source === undefined) {
    \n            node.add(code);
    \n        } else {
    \n            var source = aRelativePath ? util.join(aRelativePath, mapping.source)
    \n                : mapping.source;
    \n            node.add(new SourceNode(mapping.originalLine, mapping.originalColumn, source,
    \n                code, mapping.name));
    \n        }
    \n    };
    \n    \n    /**
    \n     * Add a chunk of generated JS to this source node.
    \n     * @param aChunk A string snippet of generated JS code, another instance of
    \n     * SourceNode, or an array where each member is one of those things.
    \n     */
    \n    \n    \n    \n    SourceNode.prototype.add = function SourceNode_add(aChunk) {
    \n        if (Array.isArray(aChunk)) {
    \n            aChunk.forEach(function (chunk) {
    \n                this.add(chunk);
    \n            }, this);
    \n        } else if (aChunk[isSourceNode] || typeof aChunk === "string") {
    \n            if (aChunk) {
    \n                this.children.push(aChunk);
    \n            }
    \n        } else {
    \n            throw new TypeError("Expected a SourceNode, string, or an array of SourceNodes and strings. Got '" + aChunk + "'");
    \n        }
    \n        return this;
    \n    };
    \n    \n    \n    \n    /**
    \n     * Add a chunk of generated JS to the beginning of this source node.
    \n     * @param aChunk A string snippet of generated JS code, another instance of
    \n     * SourceNode, or an array where each member is one of those things.
    \n     */
    \n    \n    \n    \n    SourceNode.prototype.prepend = function SourceNode_prepend(aChunk) {
    \n        if (Array.isArray(aChunk)) {
    \n            for (var i = aChunk.length-1; i >= 0; i--) {
    \n                this.prepend(aChunk[i]);
    \n            }
    \n        } else if (aChunk[isSourceNode]

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|| typeof aChunk === "string") {\n  this.children.unshift(aChunk);\n } \n else {\n  throw new TypeError(\n
"Expected a SourceNode, string, or an array of SourceNodes and strings. Got '" + aChunk\n );\n }\n return
this;\n};\n\n/**\n * Walk over the tree of JS snippets in this node and its children. The\n * walking function is called
once for each snippet of JS and is passed that\n * snippet and the its original associated source's line/column
location.\n *\n * @param aFn The traversal function.\n */\nSourceNode.prototype.walk = function
SourceNode_walk(aFn) {\n  var chunk;\n  for (var i = 0, len = this.children.length; i < len; i++) {\n  chunk =
this.children[i];\n  if (chunk[isSourceNode]) {\n  chunk.walk(aFn);\n } \n else {\n  if (chunk !== "") {\n
aFn(chunk, { source: this.source,\n                line: this.line,\n                column: this.column,\n
name: this.name });\n  }\n }\n }\n};\n\n/**\n * Like `String.prototype.join` except for SourceNodes. Inserts
`aStr` between\n * each of `this.children`.\n *\n * @param aSep The separator.\n */\nSourceNode.prototype.join =
function SourceNode_join(aSep) {\n  var newChildren;\n  var i;\n  var len = this.children.length;\n  if (len > 0) {\n
newChildren = [];\n  for (i = 0; i < len-1; i++) {\n  newChildren.push(this.children[i]);\n
newChildren.push(aSep);\n } \n newChildren.push(this.children[i]);\n  this.children = newChildren;\n }\n
return this;\n};\n\n/**\n * Call String.prototype.replace on the very right-most source snippet. Useful\n * for
trimming whitespace from the end of a source node, etc.\n *\n * @param aPattern The pattern to replace.\n *
@param aReplacement The thing to replace the pattern with.\n */\nSourceNode.prototype.replaceRight = function
SourceNode_replaceRight(aPattern, aReplacement) {\n  var lastChild = this.children[this.children.length - 1];\n  if
(lastChild[isSourceNode]) {\n  lastChild.replaceRight(aPattern, aReplacement);\n } \n else if (typeof lastChild
=== 'string') {\n  this.children[this.children.length - 1] = lastChild.replace(aPattern, aReplacement);\n } \n else {\n
this.children.push(".replace(aPattern, aReplacement));\n } \n return this;\n};\n\n/**\n * Set the source content for a
source file. This will be added to the SourceMapGenerator\n * in the sourcesContent field.\n *\n * @param
aSourceFile The filename of the source file\n * @param aSourceContent The content of the source file\n
*/\nSourceNode.prototype.setSourceContent = function SourceNode_setSourceContent(aSourceFile,
aSourceContent) {\n  this.sourceContents[util.toSetString(aSourceFile)] = aSourceContent;\n }; \n\n/**\n * Walk
over the tree of SourceNodes. The walking function is called for each\n * source file content and is passed the
filename and source content.\n *\n * @param aFn The traversal function.\n
*/\nSourceNode.prototype.walkSourceContents = function SourceNode_walkSourceContents(aFn) {\n  for (var i
= 0, len = this.children.length; i < len; i++) {\n  if (this.children[i][isSourceNode]) {\n
this.children[i].walkSourceContents(aFn);\n } \n }\n  var sources = Object.keys(this.sourceContents);\n  for
(var i = 0, len = sources.length; i < len; i++) {\n  aFn(util.fromSetString(sources[i]),
this.sourceContents[sources[i]]);\n } \n }; \n\n/**\n * Return the string representation of this source node. Walks
over the tree\n * and concatenates all the various snippets together to one string.\n
*/\nSourceNode.prototype.toString = function SourceNode_toString() {\n  var str = "";\n  this.walk(function
(chunk) {\n  str += chunk;\n });\n  return str;\n}; \n\n/**\n * Returns the string representation of this source node
along with a source\n * map.\n */\nSourceNode.prototype.toStringWithSourceMap = function
SourceNode_toStringWithSourceMap(aArgs) {\n  var generated = {\n  code: "",\n  line: 1,\n  column: 0\n }; \n
var map = new SourceMapGenerator(aArgs);\n  var sourceMappingActive = false;\n  var lastOriginalSource =
null;\n  var lastOriginalLine = null;\n  var lastOriginalColumn = null;\n  var lastOriginalName = null;\n
this.walk(function (chunk, original) {\n  generated.code += chunk;\n  if (original.source !== null\n    &&
original.line !== null\n    && original.column !== null) {\n  if (lastOriginalSource !== original.source\n
||\n  lastOriginalLine !== original.line\n    || lastOriginalColumn !== original.column\n    || lastOriginalName !==
original.name) {\n  map.addMapping({\n  source: original.source,\n  original: {\n  line:
original.line,\n  column: original.column\n },\n  generated: {\n  line: generated.line,\n
column: generated.column\n },\n  name: original.name\n });\n } \n lastOriginalSource =
original.source;\n  lastOriginalLine = original.line;\n  lastOriginalColumn = original.column;\n
lastOriginalName = original.name;\n  sourceMappingActive = true;\n } else if (sourceMappingActive) {\n
map.addMapping({\n  generated: {\n  line: generated.line,\n  column: generated.column\n } \n
});\n  lastOriginalSource = null;\n  sourceMappingActive = false;\n } \n for (var idx = 0, length =

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chunk.length; idx < length; idx++) {
  if (chunk.charCodeAt(idx) === NEWLINE_CODE) {
    generated.line++;
    generated.column = 0; // Mappings end at eol
    if (idx + 1 === length) {
      lastOriginalSource = null;
      sourceMappingActive = false;
    } else if (sourceMappingActive) {
      map.addMapping({
        source: original.source,
        original: {
          line: original.line,
          column: original.column
        },
        generated: {
          line: generated.line,
          column: generated.column
        },
        name: original.name
      });
    } else {
      generated.column++;
    }
  }
}
this.walkSourceContents(function (sourceFile, sourceContent) {
  map.setSourceContent(sourceFile, sourceContent);
});
return { code: generated.code, map: map
};
}

exports.SourceNode = SourceNode;

"use strict";
Object.defineProperty(exports, "__esModule", {
  value: true
});
exports.default = void 0;
var _interopRequireDefault = _interopRequireDefault(require("./buffer"));
var n = _interopRequireWildcard(require("./node"));
var t = _interopRequireWildcard(require("@babel/types"));
var generatorFunctions = _interopRequireWildcard(require("./generators"));
function _getRequireWildcardCache() {
  if (typeof WeakMap !== "function") return null;
  var cache = new WeakMap();
  _getRequireWildcardCache = function () {
    return cache;
  };
  return cache;
}
function _interopRequireDefault(obj) {
  if (obj && obj.__esModule) {
    return obj;
  }
  if (obj === null || typeof obj !== "object" && typeof obj !== "function") {
    return {
      default: obj
    };
  }
  var cache = _getRequireWildcardCache();
  if (cache && cache.has(obj)) {
    return cache.get(obj);
  }
  var newObj = {};
  var hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor;
  for (var key in obj) {
    if (Object.prototype.hasOwnProperty.call(obj, key)) {
      var desc = hasPropertyDescriptor ? Object.getOwnPropertyDescriptor(obj, key) : null;
      if (desc && (desc.get || desc.set)) {
        Object.defineProperty(newObj, key, desc);
      }
    }
  }
  newObj.default = obj;
  if (cache) {
    cache.set(obj, newObj);
  }
  return newObj;
}
function _interopRequireDefault(obj) {
  return obj && obj.__esModule ? obj : {
    default: obj
  };
}
const SCIENTIFIC_NOTATION = /e/i;
const ZERO_DECIMAL_INTEGER = /\.\d+$/;
const NON_DECIMAL_LITERAL = /^0[box]/;
const PURE_ANNOTATION_RE = /^\\s*[@#]__PURE__\\s*$/;
class Printer {
  constructor(format, map) {
    this.inForStatementInitCounter = 0;
    this._printStack = [];
    this._indent = 0;
    this._insideAux = false;
    this._printedCommentStarts = {};
    this._parenPushNewlineState = null;
    this._noLineTerminator = false;
    this._printAuxAfterOnNextUserNode = false;
    this._printedComments = new WeakSet();
    this._endsWithInteger = false;
    this._endsWithWord = false;
    this.format = format || {};
    this._buf = new _buffer.default(map);
  }
  generate(ast) {
    this.print(ast);
    this._maybeAddAuxComment();
    return this._buf.get();
  }
  indent() {
    if (this.format.compact || this.format.concise) return;
    this._indent++;
  }
  dedent() {
    if (this.format.compact || this.format.concise) return;
    this._indent--;
  }
  semicolon(force = false) {
    this._maybeAddAuxComment();
    this._append(";", !force);
  }
  rightBrace() {
    if (this.format.minified) {
      this._buf.removeLastSemicolon();
    }
    this.token("{}");
  }
  space(force = false) {
    if (this.format.compact) return;
    if (this._buf.hasContent() && !this.endsWith(" ") && !this.endsWith("\n")) {
      this._space();
    }
  }
  word(str) {
    if (this._endsWithWord || this.endsWith("\^") && str.indexOf("\^") === 0) {
      this._space();
    }
    this._maybeAddAuxComment();
    this._append(str);
    this._endsWithWord = true;
  }
  number(str) {
    this.word(str);
    this._endsWithInteger = Number.isInteger(+str) && !NON_DECIMAL_LITERAL.test(str) && !SCIENTIFIC_NOTATION.test(str) && !ZERO_DECIMAL_INTEGER.test(str) && str[str.length - 1] !== "\.";
  }
  token(str) {
    if (str === "--" && this.endsWith("!") || str[0] === "+" && this.endsWith("+") || str[0] === "-" && this.endsWith("-") || str[0] === "." && this._endsWithInteger) {
      this._space();
    }
    this._maybeAddAuxComment();
    this._append(str);
  }
  newline(i) {
    if (this.format.retainLines || this.format.compact) return;
    if (this.format.concise) {
      this.space();
      return;
    }
    if (this.endsWith("\n\n")) return;
    if (typeof i !== "number") i = 1;
    i = Math.min(2, i);
    if (this.endsWith("{\n\n") || this.endsWith(":\n\n")) i--;
    if (i <= 0) return;
    for (let j = 0; j < i; j++) {
      this._newline();
    }
  }
  endsWith(str) {
    return this._buf.endsWith(str);
  }
  removeTrailingNewline() {
    this._buf.removeTrailingNewline();
  }
  exactSource(loc, cb) {
    this._catchUp("start", loc);
  }
}

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this._buf.exactSource(loc, cb);\n }\n\n source(prop, loc) {\n this._catchUp(prop, loc);\n\n
this._buf.source(prop, loc);\n }\n\n withSource(prop, loc, cb) {\n this._catchUp(prop, loc);\n\n
this._buf.withSource(prop, loc, cb);\n }\n\n _space() {\n this._append(" ", true);\n }\n\n _newline() {\n
this._append("\n", true);\n }\n\n _append(str, queue = false) {\n this._maybeAddParen(str);\n\n
this._maybeIndent(str);\n\n if (queue) this._buf.queue(str);else this._buf.append(str);\n this._endsWithWord =
false;\n this._endsWithInteger = false;\n }\n\n _maybeIndent(str) {\n if (this._indent && this.endsWith("\n"))
&& str[0] !== "\n") {\n this._buf.queue(this._getIndent());\n }\n }\n\n _maybeAddParen(str) {\n const
parenPushNewlineState = this._parenPushNewlineState;\n if (!parenPushNewlineState) return;\n let i;\n\n for
(i = 0; i < str.length && str[i] === " "; i++) continue;\n\n if (i === str.length) {\n return;\n }\n\n const cha
= str[i];\n\n if (cha !== "\n") {\n if (cha !== "\^" || i + 1 === str.length) {\n this._parenPushNewlineState
= null;\n return;\n }\n\n const chaPost = str[i + 1];\n\n if (chaPost === "\*") {\n if
(PURE_ANNOTATION_RE.test(str.slice(i + 2, str.length - 2))) {\n return;\n }\n } else if (chaPost !==
"\^") {\n this._parenPushNewlineState = null;\n return;\n }\n }\n\n this.token("(");\n
this.indent();\n parenPushNewlineState.printed = true;\n }\n\n _catchUp(prop, loc) {\n if
(!this.format.retainLines) return;\n const pos = loc ? loc[prop] : null;\n\n if ((pos == null ? void 0 : pos.line) !=
null) {\n const count = pos.line - this._buf.getCurrentLine();\n\n for (let i = 0; i < count; i++) {\n
this._newline();\n }\n }\n\n _getIndent() {\n return this.format.indent.style.repeat(this._indent);\n }\n\n
startTerminatorless(isLabel = false) {\n if (isLabel) {\n this._noLineTerminator = true;\n return null;\n }
else {\n return this._parenPushNewlineState = {\n printed: false\n }; }\n }\n\n
endTerminatorless(state) {\n this._noLineTerminator = false;\n\n if (state == null ? void 0 : state.printed) {\n
this.dedent();\n this._newline();\n this.token(")");\n }\n }\n\n print(node, parent) {\n if (!node) return;\n
const oldConcise = this.format.concise;\n\n if (node._compact) {\n this.format.concise = true;\n }\n\n const
printMethod = this[node.type];\n\n if (!printMethod) {\n throw new ReferenceError(`unknown node of type
${JSON.stringify(node.type)} with constructor ${JSON.stringify(node == null ? void 0 :
node.constructor.name)}`);\n }\n\n this._printStack.push(node);\n\n const oldInAux = this._insideAux;\n
this._insideAux = !node.loc;\n\n this._maybeAddAuxComment(this._insideAux && !oldInAux);\n\n let
needsParens = n.needsParens(node, parent, this._printStack);\n\n if (this.format.retainFunctionParens &&
node.type === "FunctionExpression" && node.extra && node.extra.parenthesized) {\n needsParens = true;\n
}\n\n if (needsParens) this.token("(");\n\n this._printLeadingComments(node);\n\n const loc =
t.isProgram(node) || t.isFile(node) ? null : node.loc;\n this.withSource("start", loc, () => {\n
printMethod.call(this, node, parent);\n });\n\n this._printTrailingComments(node);\n\n if (needsParens)
this.token(")");\n\n this._printStack.pop();\n\n this.format.concise = oldConcise;\n this._insideAux =
oldInAux;\n }\n\n _maybeAddAuxComment(enteredPositionlessNode) {\n if (enteredPositionlessNode)
this._printAuxBeforeComment();\n if (!this._insideAux) this._printAuxAfterComment();\n }\n\n
_printAuxBeforeComment() {\n if (this._printAuxAfterOnNextUserCode) return;\n
this._printAuxAfterOnNextUserCode = true;\n const comment = this.format.auxiliaryCommentBefore;\n\n if
(comment) {\n this._printComment({\n type: "CommentBlock",\n value: comment\n });\n }\n }\n\n
_printAuxAfterComment() {\n if (!this._printAuxAfterOnNextUserCode) return;\n
this._printAuxAfterOnNextUserCode = false;\n const comment = this.format.auxiliaryCommentAfter;\n\n if
(comment) {\n this._printComment({\n type: "CommentBlock",\n value: comment\n });\n }\n }\n\n
getPossibleRaw(node) {\n const extra = node.extra;\n\n if (extra && extra.raw != null && extra.rawValue
!= null && node.value === extra.rawValue) {\n return extra.raw;\n }\n }\n\n printJoin(nodes, parent, opts =
{}) {\n if (!(nodes == null ? void 0 : nodes.length)) return;\n if (opts.indent) this.indent();\n const newlineOpts
= {\n addNewlines: opts.addNewlines\n };\n\n for (let i = 0; i < nodes.length; i++) {\n const node =
nodes[i];\n if (!node) continue;\n if (opts.statement) this._printNewline(true, node, parent, newlineOpts);\n
this.print(node, parent);\n\n if (opts.iterator) {\n opts.iterator(node, i);\n }\n\n if (opts.separator && i <
nodes.length - 1) {\n opts.separator.call(this);\n }\n\n if (opts.statement) this._printNewline(false, node,
parent, newlineOpts);\n }\n\n if (opts.indent) this.dedent();\n }\n\n printAndIndentOnComments(node, parent)

```



```

Buffer;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\nexports.list =
exports.nodes = void 0;\n\nvar t = _interopRequireWildcard(require("@babel/types"));\n\nfunction
_getRequireWildcardCache() {\n  if (typeof WeakMap !== "function") return null;\n  var cache = new WeakMap();\n  _getRequireWildcardCache = function () {\n    return cache;\n  }; return cache;\n}\n\nfunction
_interopRequireWildcard(obj) {\n  if (obj && obj.__esModule) {\n    return obj;\n  }\n  if (obj === null || typeof obj !==
"object" && typeof obj !== "function") {\n    return { default: obj }; }\n  var cache = _getRequireWildcardCache();\n  if
(cache && cache.has(obj)) {\n    return cache.get(obj);\n  }\n  var newObj = {};\n  var hasPropertyDescriptor =
Object.defineProperty && Object.getOwnPropertyDescriptor;\n  for (var key in obj) {\n    if
(Object.prototype.hasOwnProperty.call(obj, key)) {\n      var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null;\n      if (desc && (desc.get || desc.set)) {\n
Object.defineProperty(newObj, key, desc);\n      }\n      else {\n        newObj[key] = obj[key];\n      }\n    }\n  }\n  newObj.default = obj;\n  if (cache) {\n
cache.set(obj, newObj);\n  }\n  return newObj;\n}\n\nfunction crawl(node, state = {})\n{\n  if (t.isMemberExpression(node) || t.isOptionalMemberExpression(node)) {\n
  crawl(node.object, state);\n  if (node.computed)\n    crawl(node.property, state);\n  }\n  else if (t.isBinary(node) || t.isAssignmentExpression(node)) {\n
  crawl(node.left, state);\n  crawl(node.right, state);\n  }\n  else if (t.isCallExpression(node) || t.isOptionalCallExpression(node)) {\n
  state.hasCall = true;\n  crawl(node.callee, state);\n  }\n  else if (t.isFunction(node)) {\n
  state.hasFunction = true;\n  }\n  else if (t.isIdentifier(node)) {\n
  state.hasHelper = state.hasHelper || isHelper(node.callee);\n  }\n  }\n  return
state;\n}\n\nfunction isHelper(node)\n{\n  if (t.isMemberExpression(node)) {\n
  return isHelper(node.object) || isHelper(node.property);\n  }\n  else if (t.isIdentifier(node)) {\n
  return node.name === "require" || node.name[0] === "_";\n  }\n  else if (t.isCallExpression(node)) {\n
  return isHelper(node.callee);\n  }\n  else if (t.isBinary(node) || t.isAssignmentExpression(node)) {\n
  return t.isIdentifier(node.left) && isHelper(node.left) || isHelper(node.right);\n  }\n  else {\n
  return false;\n  }\n}\n\nfunction isType(node)\n{\n  return t.isLiteral(node) || t.isObjectExpression(node) || t.isArrayExpression(node) || t.isIdentifier(node) ||
t.isMemberExpression(node);\n}\n\nconst nodes = {\n  AssignmentExpression(node) {\n
  const state = crawl(node.right);\n  if (state.hasCall && state.hasHelper || state.hasFunction) {\n
  return {\n    before: state.hasFunction,\n    after: true\n  }; }\n  },\n  SwitchCase(node, parent) {\n
  return {\n    before: node.consequent.length || parent.cases[0] === node,\n    after: !node.consequent.length &&
parent.cases[parent.cases.length - 1] === node\n  }; }\n  },\n  LogicalExpression(node) {\n
  if (t.isFunction(node.left) || t.isFunction(node.right)) {\n
  return {\n    after: true\n  }; }\n  },\n  Literal(node) {\n
  if (node.value === "use strict") {\n
  return {\n    after: true\n  }; }\n  },\n  CallExpression(node) {\n
  if (t.isFunction(node.callee) || isHelper(node)) {\n
  return {\n    before: true,\n    after: true\n  }; }\n  },\n  OptionalCallExpression(node) {\n
  if (t.isFunction(node.callee)) {\n
  return {\n    before: true,\n    after: true\n  }; }\n  },\n  VariableDeclaration(node) {\n
  for (let i = 0; i < node.declarations.length; i++) {\n
  const declar = node.declarations[i];\n  let enabled = isHelper(declar.id) &&
!isType(declar.init);\n  if (!enabled) {\n
  const state = crawl(declar.init);\n  enabled = isHelper(declar.init) && state.hasCall || state.hasFunction;\n  }\n  }\n  if (enabled) {\n
  return {\n    before: true,\n    after: true\n  }; }\n  },\n  IfStatement(node) {\n
  if (t.isBlockStatement(node.consequent)) {\n
  return {\n    before: true,\n    after: true\n  }; }\n  }\n  }\n}\n\nexports.nodes = nodes;\n\nnodes.ObjectProperty = nodes.ObjectTypeProperty = nodes.ObjectMethod =
function (node, parent)\n{\n  if (parent.properties[0] === node) {\n
  return {\n    before: true\n  }; }\n  }\n}\n\nnodes.ObjectTypeCallProperty = function (node, parent)\n{\n  var _parent$properties;\n  if (parent.callProperties[0] === node &&
!( (_parent$properties = parent.properties) == null ? void 0 : _parent$properties.length)) {\n
  return {\n    before: true\n  }; }\n  }\n}\n\nnodes.ObjectTypeIndexer = function (node, parent)\n{\n  var _parent$properties2, _parent$callPropertie;\n  if (parent.indexers[0] === node &&
!( (_parent$properties2 = parent.properties) == null ? void 0 : _parent$properties2.length) &&
!( (_parent$callPropertie = parent.callProperties) == null ? void 0 : _parent$callPropertie.length)) {\n
  return {\n    before: true\n  }; }\n  }\n}\n\nnodes.ObjectTypeInternalSlot = function (node, parent)\n{\n  var _parent$properties3, _parent$callPropertie2, _parent$indexers;\n  if (parent.internalSlots[0] === node &&
!( (_parent$properties3 =

```



```

isFirstInStatement(printStack);\n\nfunction Binary(node, parent) {\n  if (node.operator === \\'*\'' &&
t.isBinaryExpression(parent, {\n    operator: \\'*\''\n  })) {\n    return parent.left === node;\n  }\n  if
(isClassExtendsClause(node, parent)) {\n    return true;\n  }\n  if (hasPostfixPart(node, parent) ||
t.isUnaryLike(parent) || t.isAwaitExpression(parent)) {\n    return true;\n  }\n  if (t.isBinary(parent)) {\n    const
parentOp = parent.operator;\n    const parentPos = PRECEDENCE[parentOp];\n    const nodeOp = node.operator;\n
const nodePos = PRECEDENCE[nodeOp];\n    if (parentPos === nodePos && parent.right === node &&
!t.isLogicalExpression(parent) || parentPos > nodePos) {\n      return true;\n    }\n  }\n}\n\nfunction
UnionTypeAnnotation(node, parent) {\n  return t.isArrayTypeAnnotation(parent) ||
t.isNullableTypeAnnotation(parent) || t.isIntersectionTypeAnnotation(parent) ||
t.isUnionTypeAnnotation(parent);\n}\n\nfunction TSAsExpression() {\n  return true;\n}\n\nfunction
TSTypeAssertion() {\n  return true;\n}\n\nfunction TSUnionType(node, parent) {\n  return t.isTSArrayType(parent)
|| t.isTSOptionalType(parent) || t.isTSIntersectionType(parent) || t.isTSUnionType(parent) ||
t.isTSRestType(parent);\n}\n\nfunction TSInferType(node, parent) {\n  return t.isTSArrayType(parent) ||
t.isTSOptionalType(parent);\n}\n\nfunction BinaryExpression(node, parent) {\n  return node.operator === \\'in\'
&& (t.isVariableDeclarator(parent) || t.isFor(parent));\n}\n\nfunction SequenceExpression(node, parent) {\n  if
(t.isForStatement(parent) || t.isThrowStatement(parent) || t.isReturnStatement(parent) || t.isIfStatement(parent) &&
parent.test === node || t.isWhileStatement(parent) && parent.test === node || t.isForInStatement(parent) &&
parent.right === node || t.isSwitchStatement(parent) && parent.discriminant === node ||
t.isExpressionStatement(parent) && parent.expression === node) {\n    return false;\n  }\n  return
true;\n}\n\nfunction YieldExpression(node, parent) {\n  return t.isBinary(parent) || t.isUnaryLike(parent) ||
hasPostfixPart(node, parent) || t.isAwaitExpression(parent) && t.isYieldExpression(node) ||
t.isConditionalExpression(parent) && node === parent.test || isClassExtendsClause(node, parent);\n}\n\nfunction
ClassExpression(node, parent, printStack) {\n  return isFirstInStatement(printStack, {\n    considerDefaultExports:
true\n  });\n}\n\nfunction UnaryLike(node, parent) {\n  return hasPostfixPart(node, parent) ||
t.isBinaryExpression(parent, {\n    operator: \\'*\''\n    left: node\n  }) || isClassExtendsClause(node,
parent);\n}\n\nfunction FunctionExpression(node, parent, printStack) {\n  return isFirstInStatement(printStack, {\n
considerDefaultExports: true\n  });\n}\n\nfunction ArrowFunctionExpression(node, parent) {\n  return
t.isExportDeclaration(parent) || ConditionalExpression(node, parent);\n}\n\nfunction ConditionalExpression(node,
parent) {\n  if (t.isUnaryLike(parent) || t.isBinary(parent) || t.isConditionalExpression(parent, {\n    test: node\n
})) || t.isAwaitExpression(parent) || t.isTSTypeAssertion(parent) || t.isTSAsExpression(parent)) {\n    return true;\n
}\n  return UnaryLike(node, parent);\n}\n\nfunction OptionalMemberExpression(node, parent) {\n  return
t.isCallExpression(parent, {\n    callee: node\n  }) || t.isMemberExpression(parent, {\n    object: node\n
});\n}\n\nfunction AssignmentExpression(node, parent, printStack) {\n  if (t.isObjectPattern(node.left)) {\n    return
true;\n  } else {\n    return ConditionalExpression(node, parent, printStack);\n  }\n}\n\nfunction
LogicalExpression(node, parent) {\n  switch (node.operator) {\n    case \\'||\':\n      if (!t.isLogicalExpression(parent))
return false;\n      return parent.operator === \\'??\' || parent.operator === \\'&&\';\n\n    case \\'&&\':\n      return
t.isLogicalExpression(parent, {\n        operator: \\'??\'\n      });\n\n    case \\'??\':\n      return
t.isLogicalExpression(parent) && parent.operator !== \\'??\';\n  }\n}\n\nfunction isFirstInStatement(printStack, {\n
considerArrow = false,\n considerDefaultExports = false\n} = {}) {\n  let i = printStack.length - 1;\n  let node =
printStack[i];\n  i--;\n  let parent = printStack[i];\n  while (i >= 0) {\n    if (t.isExpressionStatement(parent, {\n
expression: node\n  }) || considerDefaultExports && t.isExportDefaultDeclaration(parent, {\n    declaration:
node\n  }) || considerArrow && t.isArrowFunctionExpression(parent, {\n    body: node\n  })) {\n      return
true;\n    }\n    if (hasPostfixPart(node, parent) && !t.isNewExpression(parent) || t.isSequenceExpression(parent)
&& parent.expressions[0] === node || t.isConditional(parent, {\n    test: node\n  }) || t.isBinary(parent, {\n    left:
node\n  }) || t.isAssignmentExpression(parent, {\n    left: node\n  })) {\n      node = parent;\n      i--;\n      parent =
printStack[i];\n    } else {\n      return false;\n    }\n  }\n  return false;\n}\n\n'use
strict';\n\nObject.defineProperty(exports, \\'__esModule\',{ \n  value: true\n});\n\nvar _templateLiterals =
require(\'.template-literals\');\n\nObject.keys(_templateLiterals).forEach(function (key) {\n  if (key === \\'default\'

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|| key === \"__esModule\") return;\n if (key in exports && exports[key] === _templateLiterals[key]) return;\n
Object.defineProperty(exports, key, {\n enumerable: true,\n get: function () {\n return
_templateLiterals[key];\n } \n });\n});\n\nvar _expressions =
require(\"./expressions\");\n\nObject.keys(_expressions).forEach(function (key) {\n if (key === \"default\" || key
=== \"__esModule\") return;\n if (key in exports && exports[key] === _expressions[key]) return;\n
Object.defineProperty(exports, key, {\n enumerable: true,\n get: function () {\n return _expressions[key];\n
}\n });\n});\n\nvar _statements = require(\"./statements\");\n\nObject.keys(_statements).forEach(function (key) {\n
if (key === \"default\" || key === \"__esModule\") return;\n if (key in exports && exports[key] ===
_statements[key]) return;\n Object.defineProperty(exports, key, {\n enumerable: true,\n get: function () {\n
return _statements[key];\n } \n });\n});\n\nvar _classes =
require(\"./classes\");\n\nObject.keys(_classes).forEach(function (key) {\n if (key === \"default\" || key ===
\"__esModule\") return;\n if (key in exports && exports[key] === _classes[key]) return;\n
Object.defineProperty(exports, key, {\n enumerable: true,\n get: function () {\n return _classes[key];\n } \n
});\n});\n\nvar _methods = require(\"./methods\");\n\nObject.keys(_methods).forEach(function (key) {\n if (key
=== \"default\" || key === \"__esModule\") return;\n if (key in exports && exports[key] === _methods[key])
return;\n Object.defineProperty(exports, key, {\n enumerable: true,\n get: function () {\n return
_methods[key];\n } \n });\n});\n\nvar _modules =
require(\"./modules\");\n\nObject.keys(_modules).forEach(function (key) {\n if (key === \"default\" || key ===
\"__esModule\") return;\n if (key in exports && exports[key] === _modules[key]) return;\n
Object.defineProperty(exports, key, {\n enumerable: true,\n get: function () {\n return _modules[key];\n } \n
});\n});\n\nvar _types = require(\"./types\");\n\nObject.keys(_types).forEach(function (key) {\n if (key ===
\"default\" || key === \"__esModule\") return;\n if (key in exports && exports[key] === _types[key]) return;\n
Object.defineProperty(exports, key, {\n enumerable: true,\n get: function () {\n return _types[key];\n } \n
});\n});\n\nvar _flow = require(\"./flow\");\n\nObject.keys(_flow).forEach(function (key) {\n if (key === \"default\"
|| key === \"__esModule\") return;\n if (key in exports && exports[key] === _flow[key]) return;\n
Object.defineProperty(exports, key, {\n enumerable: true,\n get: function () {\n return _flow[key];\n } \n
});\n});\n\nvar _base = require(\"./base\");\n\nObject.keys(_base).forEach(function (key) {\n if (key === \"default\"
|| key === \"__esModule\") return;\n if (key in exports && exports[key] === _base[key]) return;\n
Object.defineProperty(exports, key, {\n enumerable: true,\n get: function () {\n return _base[key];\n } \n
});\n});\n\nvar _jsx = require(\"./jsx\");\n\nObject.keys(_jsx).forEach(function (key) {\n if (key === \"default\" ||
key === \"__esModule\") return;\n if (key in exports && exports[key] === _jsx[key]) return;\n
Object.defineProperty(exports, key, {\n enumerable: true,\n get: function () {\n return _jsx[key];\n } \n
});\n});\n\nvar _typescript = require(\"./typescript\");\n\nObject.keys(_typescript).forEach(function (key) {\n if (key
=== \"default\" || key === \"__esModule\") return;\n if (key in exports && exports[key] === _typescript[key])
return;\n Object.defineProperty(exports, key, {\n enumerable: true,\n get: function () {\n return
_typescript[key];\n } \n });\n});\n\n\n\n\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\n\nexports.TaggedTemplateExpression = TaggedTemplateExpression;\n\nexports.TemplateElement =
TemplateElement;\n\nexports.TemplateLiteral = TemplateLiteral;\n\n\nfunction TaggedTemplateExpression(node) {\n
this.print(node.tag, node);\n this.print(node.typeParameters, node);\n this.print(node.quasi, node);\n}\n\nfunction
TemplateElement(node, parent) {\n const isFirst = parent.quasis[0] === node;\n const isLast =
parent.quasis[parent.quasis.length - 1] === node;\n const value = (isFirst ? \"\\\" : \"'\") + node.value.raw + (isLast ?
\"\\\"\" : \"'\");\n this.token(value);\n}\n\nfunction TemplateLiteral(node) {\n const quasis = node.quasis;\n\n for
(let i = 0; i < quasis.length; i++) {\n this.print(quasis[i], node);\n\n if (i + 1 < quasis.length) {\n
this.print(node.expressions[i], node);\n } \n }\n}\n\n\n\n\"use strict\";\n\nObject.defineProperty(exports,
\"__esModule\", {\n value: true\n});\n\nexports.UnaryExpression = UnaryExpression;\n\nexports.DoExpression =
DoExpression;\n\nexports.ParenthesizedExpression = ParenthesizedExpression;\n\nexports.UpdateExpression =
UpdateExpression;\n\nexports.ConditionalExpression = ConditionalExpression;\n\nexports.NewExpression =
NewExpression;\n\nexports.SequenceExpression = SequenceExpression;\n\nexports.ThisExpression =

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ThisExpression;\nextports.Super = Super;\nextports.Decorator = Decorator;\nextports.OptionalMemberExpression =
OptionalMemberExpression;\nextports.OptionalCallExpression = OptionalCallExpression;\nextports.CallExpression
= CallExpression;\nextports.Import = Import;\nextports.EmptyStatement =
EmptyStatement;\nextports.ExpressionStatement = ExpressionStatement;\nextports.AssignmentPattern =
AssignmentPattern;\nextports.LogicalExpression = exports.BinaryExpression = exports.AssignmentExpression =
AssignmentExpression;\nextports.BindExpression = BindExpression;\nextports.MemberExpression =
MemberExpression;\nextports.MetaProperty = MetaProperty;\nextports.PrivateName =
PrivateName;\nextports.V8IntrinsicIdentifier = V8IntrinsicIdentifier;\nextports.AwaitExpression =
exports.YieldExpression = void 0;\n\nvar t = _interopRequireWildcard(require("@babel/types"));\n\nvar n =
_interopRequireWildcard(require("../node"));\n\nfunction _getRequireWildcardCache() { if (typeof WeakMap !==
"function") return null; var cache = new WeakMap(); _getRequireWildcardCache = function () { return cache; };
return cache; }\n\nfunction _interopRequireWildcard(obj) { if (obj && obj.__esModule) { return obj; } if (obj ===
null || typeof obj !== "object" && typeof obj !== "function") { return { default: obj }; } var cache =
_getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var
hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }\n\nfunction UnaryExpression(node) {\n  if (node.operator === "void" ||
node.operator === "delete" || node.operator === "typeof" || node.operator === "throw") {\n
this.word(node.operator);\n  this.space();\n  } else {\n  this.token(node.operator);\n  }\n\n
this.print(node.argument, node);\n  }\n\nfunction DoExpression(node) {\n  this.word("do");\n  this.space();\n
this.print(node.body, node);\n  }\n\nfunction ParenthesizedExpression(node) {\n  this.token("(");\n
this.print(node.expression, node);\n  this.token(")");\n  }\n\nfunction UpdateExpression(node) {\n  if (node.prefix)
{\n  this.token(node.operator);\n  this.print(node.argument, node);\n  } else {\n  this.startTerminatorless(true);\n
this.print(node.argument, node);\n  this.endTerminatorless();\n  this.token(node.operator);\n  }\n  }\n\nfunction
ConditionalExpression(node) {\n  this.print(node.test, node);\n  this.space();\n  this.token("?");\n  this.space();\n
this.print(node.consequent, node);\n  this.space();\n  this.token(":");\n  this.space();\n  this.print(node.alternate,
node);\n  }\n\nfunction NewExpression(node, parent) {\n  this.word("new");\n  this.space();\n  this.print(node.callee,
node);\n  if (this.format.minified && node.arguments.length === 0 && !node.optional &&
!t.isCallExpression(parent, {\n  callee: node\n }) && !t.isMemberExpression(parent) &&
!t.isNewExpression(parent)) {\n  return;\n  }\n\n  this.print(node.typeArguments, node);\n
this.print(node.typeParameters, node);\n\n  if (node.optional) {\n  this.token("?.");\n  }\n\n  this.token("(");\n
this.printList(node.arguments, node);\n  this.token(")");\n  }\n\nfunction SequenceExpression(node) {\n
this.printList(node.expressions, node);\n  }\n\nfunction ThisExpression() {\n  this.word("this");\n  }\n\nfunction
Super() {\n  this.word("super");\n  }\n\nfunction Decorator(node) {\n  this.token("@");\n
this.print(node.expression, node);\n  this.newline();\n  }\n\nfunction OptionalMemberExpression(node) {\n
this.print(node.object, node);\n\n  if (!node.computed && t.isMemberExpression(node.property)) {\n  throw new
TypeError("Got a MemberExpression for MemberExpression property");\n  }\n\n  let computed =
node.computed;\n\n  if (t.isLiteral(node.property) && typeof node.property.value === "number") {\n  computed
= true;\n  }\n\n  if (node.optional) {\n  this.token("?.");\n  }\n\n  if (computed) {\n  this.token("[");\n
this.print(node.property, node);\n  this.token("]");\n  } else {\n  if (!node.optional) {\n  this.token(".");\n
}\n\n  this.print(node.property, node);\n  }\n  }\n\nfunction OptionalCallExpression(node) {\n  this.print(node.callee,
node);\n  this.print(node.typeArguments, node);\n  this.print(node.typeParameters, node);\n\n  if (node.optional) {\n
this.token("?.");\n  }\n\n  this.token("(");\n  this.printList(node.arguments, node);\n
this.token(")");\n  }\n\nfunction CallExpression(node) {\n  this.print(node.callee, node);\n
this.print(node.typeArguments, node);\n  this.print(node.typeParameters, node);\n  this.token("(");\n
this.printList(node.arguments, node);\n  this.token(")");\n  }\n\nfunction Import() {\n

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this.word("\'import\");\n}\n\nfunction buildYieldAwait(keyword) {\n  return function (node) {\n
this.word(keyword);\n\n  if (node.delegate) {\n    this.token("\'*\");\n  }\n\n  if (node.argument) {\n
this.space();\n    const terminatorState = this.startTerminatorless();\n    this.print(node.argument, node);\n
this.endTerminatorless(terminatorState);\n  }\n  };\n}\n\nconst YieldExpression =
buildYieldAwait(\'yield\');\nexports.YieldExpression = YieldExpression;\nconst AwaitExpression =
buildYieldAwait(\'await\');\nexports.AwaitExpression = AwaitExpression;\n\nfunction EmptyStatement() {\n
this.semicolon(true);\n}\n\nfunction ExpressionStatement(node) {\n  this.print(node.expression, node);\n
this.semicolon();\n}\n\nfunction AssignmentPattern(node) {\n  this.print(node.left, node);\n  if (node.left.optional)
this.token("\'?");\n  this.print(node.left.typeAnnotation, node);\n  this.space();\n  this.token("\'=");\n  this.space();\n
this.print(node.right, node);\n}\n\nfunction AssignmentExpression(node, parent) {\n  const parens =
this.inForStatementInitCounter && node.operator === \'in\' && !n.needsParens(node, parent);\n\n  if (parens) {\n
this.token("\'(");\n  }\n\n  this.print(node.left, node);\n  this.space();\n\n  if (node.operator === \'in\' || node.operator
=== \'instanceof\') {\n    this.word(node.operator);\n  } else {\n    this.token(node.operator);\n  }\n\n  this.space();\n
this.print(node.right, node);\n\n  if (parens) {\n    this.token("\')");\n  }\n}\n\nfunction BindExpression(node) {\n
this.print(node.object, node);\n  this.token("\':");\n  this.print(node.callee, node);\n}\n\nfunction
MemberExpression(node) {\n  this.print(node.object, node);\n  if (!node.computed &&
t.isMemberExpression(node.property)) {\n    throw new TypeError("\'Got a MemberExpression for
MemberExpression property\");\n  }\n\n  let computed = node.computed;\n\n  if (t.isLiteral(node.property) &&
typeof node.property.value === \'number\') {\n    computed = true;\n  }\n\n  if (computed) {\n    this.token("\'[");\n
this.print(node.property, node);\n    this.token("\']");\n  } else {\n    this.token("\'.");\n    this.print(node.property,
node);\n  }\n}\n\nfunction MetaProperty(node) {\n  this.print(node.meta, node);\n  this.token("\'.");\n
this.print(node.property, node);\n}\n\nfunction PrivateName(node) {\n  this.token("\'#");\n  this.print(node.id,
node);\n}\n\nfunction V8IntrinsicIdentifier(node) {\n  this.token("\'%");\n  this.word(node.name);\n}\', "\'use
strict";\n\nObject.defineProperty(exports, \'__esModule\', {\n  value: true\n});\nexports.WithStatement =
WithStatement;\nexports.IfStatement = IfStatement;\nexports.ForStatement =
ForStatement;\nexports.WhileStatement = WhileStatement;\nexports.DoWhileStatement =
DoWhileStatement;\nexports.LabeledStatement = LabeledStatement;\nexports.TryStatement =
TryStatement;\nexports.CatchClause = CatchClause;\nexports.SwitchStatement =
SwitchStatement;\nexports.SwitchCase = SwitchCase;\nexports.DebuggerStatement =
DebuggerStatement;\nexports.VariableDeclaration = VariableDeclaration;\nexports.VariableDeclarator =
VariableDeclarator;\nexports.ThrowStatement = exports.BreakStatement = exports.ReturnStatement =
exports.ContinueStatement = exports.ForOfStatement = exports.ForInStatement = void 0;\n\nvar t =
_interopRequireWildcard(require("\'@babel/types\")); \n\nfunction _interopRequireWildcardCache() { if (typeof
WeakMap !== \'function\') return null; var cache = new WeakMap(); _interopRequireWildcardCache = function () {
return cache; }; return cache; } \n\nfunction _interopRequireWildcard(obj) { if (obj && obj.__esModule) { return
obj; } if (obj === null || typeof obj !== \'object\' && typeof obj !== \'function\') { return { default: obj }; } var
cache = _interopRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var
hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; } \n\nfunction WithStatement(node) {\n  this.word("\'with\");\n
this.space();\n  this.token("\'(");\n  this.print(node.object, node);\n  this.token("\')");\n
this.printBlock(node);\n}\n\nfunction IfStatement(node) {\n  this.word("\'if");\n  this.space();\n  this.token("\'(");\n
this.print(node.test, node);\n  this.token("\')");\n  this.space();\n  const needsBlock = node.alternate &&
t.isIfStatement(getLastStatement(node.consequent));\n\n  if (needsBlock) {\n    this.token("\'{");\n
this.newline();\n    this.indent();\n  }\n\n  this.printAndIndentOnComments(node.consequent, node);\n\n  if
(needsBlock) {\n    this.dedent();\n    this.newline();\n    this.token("\'"}");\n  }\n\n  if (node.alternate) {\n    if

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(this.endsWith("{}")) this.space();\n  this.word("\\else\\");\n  this.space();\n
this.printAndIndentOnComments(node.alternate, node);\n }\\n}\\n\\nfunction getLastStatement(statement) {\n if
(!t.isStatement(statement.body)) return statement;\n return getLastStatement(statement.body);\n}\\n}\\n\\nfunction
ForStatement(node) {\n this.word("\\for\\");\n this.space();\n this.token("\\(");\n
this.inForStatementInitCounter++;\n this.print(node.init, node);\n this.inForStatementInitCounter--;\n
this.token("\\;");\n}\\n}\\n if (node.test) {\n this.space();\n this.print(node.test, node);\n }\\n}\\n this.token("\\;");\n}\\n}\\n
(node.update) {\n this.space();\n this.print(node.update, node);\n }\\n}\\n this.token("\\)");\n
this.printBlock(node);\n}\\n}\\n\\nfunction WhileStatement(node) {\n this.word("\\while\\");\n this.space();\n
this.token("\\(");\n this.print(node.test, node);\n this.token("\\)");\n this.printBlock(node);\n}\\n}\\n\\nconst
buildForXStatement = function (op) {\n return function (node) {\n this.word("\\for\\");\n this.space();\n}\\n}\\n if (op
=== "\\of" && node.await) {\n this.word("\\await\\");\n this.space();\n }\\n}\\n this.token("\\(");\n
this.print(node.left, node);\n this.space();\n this.word(op);\n this.space();\n this.print(node.right, node);\n
this.token("\\)");\n  this.printBlock(node);\n };\\n}\\n}\\n\\nconst ForInStatement =
buildForXStatement("\\in");\\nexports.ForInStatement = ForInStatement;\n\\nconst ForOfStatement =
buildForXStatement("\\of");\\nexports.ForOfStatement = ForOfStatement;\n\\n\\nfunction DoWhileStatement(node) {\n
this.word("\\do\\");\n this.space();\n this.print(node.body, node);\n this.space();\n this.word("\\while\\");\n
this.space();\n this.token("\\(");\n this.print(node.test, node);\n this.token("\\)");\n this.semicolon();\n}\\n}\\n\\nfunction
buildLabelStatement(prefix, key = "\\label\\") {\n return function (node) {\n this.word(prefix);\n const label =
node[key];\n}\\n}\\n if (label) {\n this.space();\n const isLabel = key === "\\label";\n const terminatorState =
this.startTerminatorless(isLabel);\n this.print(label, node);\n this.endTerminatorless(terminatorState);\n
}\\n}\\n this.semicolon();\n };\\n}\\n}\\n\\nconst ContinueStatement =
buildLabelStatement("\\continue");\\nexports.ContinueStatement = ContinueStatement;\n\\nconst ReturnStatement =
buildLabelStatement("\\return", "\\argument\\");\\nexports.ReturnStatement = ReturnStatement;\n\\nconst
BreakStatement = buildLabelStatement("\\break\\");\\nexports.BreakStatement = BreakStatement;\n\\nconst
ThrowStatement = buildLabelStatement("\\throw", "\\argument\\");\\nexports.ThrowStatement =
ThrowStatement;\n}\\n}\\n\\nfunction LabeledStatement(node) {\n this.print(node.label, node);\n this.token("\\:");\n
this.space();\n this.print(node.body, node);\n}\\n}\\n\\nfunction TryStatement(node) {\n this.word("\\try\\");\n
this.space();\n this.print(node.block, node);\n this.space();\n}\\n}\\n if (node.handlers) {\n this.print(node.handlers[0],
node);\n } else {\n this.print(node.handler, node);\n }\\n}\\n if (node.finalizer) {\n this.space();\n
this.word("\\finally\\");\n this.space();\n this.print(node.finalizer, node);\n }\\n}\\n}\\n\\nfunction CatchClause(node)
{\n this.word("\\catch\\");\n this.space();\n}\\n}\\n if (node.param) {\n this.token("\\(");\n this.print(node.param,
node);\n this.print(node.param.typeAnnotation, node);\n this.token("\\)");\n this.space();\n }\\n}\\n}\\n}\\n
this.print(node.body, node);\n}\\n}\\n\\nfunction SwitchStatement(node) {\n this.word("\\switch\\");\n this.space();\n
this.token("\\(");\n this.print(node.discriminant, node);\n this.token("\\)");\n this.space();\n this.token("\\{");\n
this.printSequence(node.cases, node, {\n indent: true,\\n\\n addNewlines(leading, cas) {\n if (!leading &&
node.cases[node.cases.length - 1] === cas) return -1;\n }\\n}\\n });\n this.token("\\}");\n}\\n}\\n\\nfunction
SwitchCase(node) {\n if (node.test) {\n this.word("\\case\\");\n this.space();\n this.print(node.test, node);\n
this.token("\\:");\n } else {\n this.word("\\default\\");\n this.token("\\:");\n }\\n}\\n if (node.consequent.length) {\n
this.newline();\n this.printSequence(node.consequent, node, {\n indent: true\\n });\n }\\n}\\n}\\n\\nfunction
DebuggerStatement() {\n this.word("\\debugger\\");\n this.semicolon();\n}\\n}\\n\\nfunction variableDeclarationIndent()
{\n this.token("\\,");\n this.newline();\n if (this.endsWith("\\\\n\\n")) for (let i = 0; i < 4; i++)
this.space(true);\n}\\n}\\n\\nfunction constDeclarationIndent() {\n this.token("\\,");\n this.newline();\n if
(this.endsWith("\\\\n\\n")) for (let i = 0; i < 6; i++) this.space(true);\n}\\n}\\n\\nfunction VariableDeclaration(node, parent)
{\n if (node.declare) {\n this.word("\\declare\\");\n this.space();\n }\\n}\\n this.word(node.kind);\n this.space();\n
let hasInits = false;\n}\\n}\\n if (!t.isFor(parent)) {\n for (const declar of node.declarations) {\n if (declar.init) {\n
hasInits = true;\n }\\n }\\n }\\n}\\n let separator;\n}\\n}\\n if (hasInits) {\n separator = node.kind === "\\const" ?
constDeclarationIndent : variableDeclarationIndent;\n }\\n}\\n this.printList(node.declarations, node, {\n separator\\n
});\n}\\n}\\n if (t.isFor(parent)) {\n if (parent.left === node || parent.init === node) return;\n }\\n}\\n

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this.semicolon();\n}\n\nfunction VariableDeclarator(node) {\n this.print(node.id, node);\n if (node.definite)
this.token("!");\n this.print(node.id.typeAnnotation, node);\n\n if (node.init) {\n this.space();\n
this.token("=");\n this.space();\n this.print(node.init, node);\n }\n},"use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\nexports.ClassExpression =
exports.ClassDeclaration = ClassDeclaration;\nexports.ClassBody = ClassBody;\nexports.ClassProperty =
ClassProperty;\nexports.ClassPrivateProperty = ClassPrivateProperty;\nexports.ClassMethod =
ClassMethod;\nexports.ClassPrivateMethod = ClassPrivateMethod;\nexports._classMethodHead =
_classMethodHead;\nexports.StaticBlock = StaticBlock;\n\nvar t =
_interopRequireWildcard(require("@babel/types"));
\n\nfunction _getRequireWildcardCache() { if (typeof
WeakMap !== "function") return null; var cache = new WeakMap(); _getRequireWildcardCache = function () {
return cache; }; return cache; }\n\nfunction _interopRequireWildcard(obj) { if (obj && obj.__esModule) { return
obj; } if (obj === null || typeof obj !== "object" && typeof obj !== "function") { return { default: obj }; } var
cache = _getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var
hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }\n\nfunction ClassDeclaration(node, parent) {\n if
(!this.format.decoratorsBeforeExport || !t.isExportDefaultDeclaration(parent) &&
!t.isExportNamedDeclaration(parent)) {\n this.printJoin(node.decorators, node);\n }\n\n if (node.declare) {\n
this.word("declare");\n this.space();\n }\n\n if (node.abstract) {\n this.word("abstract");\n this.space();\n
}\n\n this.word("class");\n\n if (node.id) {\n this.space();\n this.print(node.id, node);\n }\n\n
this.print(node.typeParameters, node);\n\n if (node.superClass) {\n this.space();\n this.word("extends");\n
this.space();\n this.print(node.superClass, node);\n this.print(node.superTypeParameters, node);\n }\n\n if
(node.implements) {\n this.space();\n this.word("implements");\n this.space();\n
this.printList(node.implements, node);\n }\n\n this.space();\n this.print(node.body, node);\n}\n\nfunction
ClassBody(node) {\n this.token("{");\n this.printInnerComments(node);\n\n if (node.body.length === 0) {\n
this.token("}");\n } else {\n this.newline();\n this.indent();\n this.printSequence(node.body, node);\n
this.dedent();\n if (!this.endsWith("\n")) this.newline();\n this.rightBrace();\n }\n}\n\nfunction
ClassProperty(node) {\n this.printJoin(node.decorators, node);\n this.tsPrintClassMemberModifiers(node,
true);\n\n if (node.computed) {\n this.token("[");\n this.print(node.key, node);\n this.token("]");\n } else {\n
this._variance(node);\n this.print(node.key, node);\n }\n\n if (node.optional) {\n this.token("?");\n }\n\n if
(node.definite) {\n this.token("!");\n }\n\n this.print(node.typeAnnotation, node);\n\n if (node.value) {\n
this.space();\n this.token("=");\n this.space();\n this.print(node.value, node);\n }\n\n
this.semicolon();\n}\n\nfunction ClassPrivateProperty(node) {\n this.printJoin(node.decorators, node);\n\n if
(node.static) {\n this.word("static");\n this.space();\n }\n\n this.print(node.key, node);\n
this.print(node.typeAnnotation, node);\n\n if (node.value) {\n this.space();\n this.token("=");\n this.space();\n
this.print(node.value, node);\n }\n\n this.semicolon();\n}\n\nfunction ClassMethod(node) {\n
this._classMethodHead(node);\n\n this.space();\n this.print(node.body, node);\n}\n\nfunction
ClassPrivateMethod(node) {\n this._classMethodHead(node);\n\n this.space();\n this.print(node.body,
node);\n}\n\nfunction _classMethodHead(node) {\n this.printJoin(node.decorators, node);\n
this.tsPrintClassMemberModifiers(node, false);\n\n this._methodHead(node);\n}\n\nfunction StaticBlock(node) {\n
this.word("static");\n this.space();\n this.token("{}");\n\n if (node.body.length === 0) {\n this.token("}");\n }
else {\n this.newline();\n this.printSequence(node.body, node, {\n indent: true\n });\n this.rightBrace();\n
}\n\n},"use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\nexports._params =
_params;\nexports._parameters = _parameters;\nexports._param = _param;\nexports._methodHead =
_methodHead;\nexports._predicate = _predicate;\nexports._functionHead =
_functionHead;\nexports.FunctionDeclaration = exports.FunctionExpression =

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FunctionExpression;\nexports.ArrowFunctionExpression = ArrowFunctionExpression;\n\nvar t =
_interopRequireWildcard(require(\"@babel/types\"));\n\nfunction _getRequireWildcardCache() { if (typeof
WeakMap !== \"function\") return null; var cache = new WeakMap(); _getRequireWildcardCache = function () {
return cache; }; return cache; }\n\nfunction _interopRequireWildcard(obj) { if (obj && obj.__esModule) { return
obj; } if (obj === null || typeof obj !== \"object\" && typeof obj !== \"function\") { return { default: obj }; } var
cache = _getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var
hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }\n\nfunction _params(node) {\n  this.print(node.typeParameters, node);\n  this.token(\"(\");\n  this._parameters(node.params, node);\n  this.token(\"););\n  this.print(node.returnType,
node);\n}\n\nfunction _parameters(parameters, parent) {\n  for (let i = 0; i < parameters.length; i++) {\n
this._param(parameters[i], parent);\n  if (i < parameters.length - 1) {\n    this.token(\",);\n    this.space();\n  }\n}\n}\n\nfunction _param(parameter, parent) {\n  this.printJoin(parameter.decorators, parameter);\n
this.print(parameter, parent);\n  if (parameter.optional) this.token(\"?\");\n  this.print(parameter.typeAnnotation,
parameter);\n}\n\nfunction _methodHead(node) {\n  const kind = node.kind;\n  const key = node.key;\n  if (kind
=== \"get\" || kind === \"set\") {\n    this.word(kind);\n    this.space();\n  }\n  if (node.async) {\n
this._catchUp(\"start\", key.loc);\n  this.word(\"async);\n  this.space();\n  }\n  if (kind === \"method\" || kind
=== \"init\") {\n    if (node.generator) {\n      this.token(\"*\");\n    }\n  }\n  if (node.computed) {\n
this.token(\"[\");\n  this.print(key, node);\n  this.token(\"];);\n  } else {\n    this.print(key, node);\n  }\n  if
(node.optional) {\n    this.token(\"?\");\n  }\n  this._params(node);\n}\n\nfunction _predicate(node) {\n  if
(node.predicate) {\n    if (!node.returnType) {\n      this.token(\":);\n    }\n    this.space();\n
this.print(node.predicate, node);\n  }\n}\n\nfunction _functionHead(node) {\n  if (node.async) {\n
this.word(\"async);\n  this.space();\n  }\n  this.word(\"function);\n  if (node.generator) this.token(\"*\");\n
this.space();\n  if (node.id) {\n    this.print(node.id, node);\n  }\n  this._params(node);\n  this._predicate(node);\n}\n\nfunction FunctionExpression(node) {\n  this._functionHead(node);\n  this.space();\n
this.print(node.body, node);\n}\n\nfunction ArrowFunctionExpression(node) {\n  if (node.async) {\n
this.word(\"async);\n  this.space();\n  }\n  const firstParam = node.params[0];\n  if (node.params.length === 1
&& t.isIdentifier(firstParam) && !hasTypes(node, firstParam)) {\n    if (((this.format.retainLines || node.async) &&
node.loc && node.body.loc && node.loc.start.line < node.body.loc.start.line) {\n      this.token(\"(\");\n
if (firstParam.loc && firstParam.loc.start.line > node.loc.start.line) {\n        this.indent();\n        this.print(firstParam,
node);\n        this.dedent();\n        this._catchUp(\"start\", node.body.loc);\n      } else {\n        this.print(firstParam,
node);\n      }\n      this.token(\"););\n    } else {\n      this.print(firstParam, node);\n    } } else {\n
this._params(node);\n  }\n  this._predicate(node);\n  this.space();\n  this.token(\"=>);\n  this.space();\n
this.print(node.body, node);\n}\n\nfunction hasTypes(node, param) {\n  return node.typeParameters ||
node.returnType || param.typeAnnotation || param.optional || param.trailingComments;\n}\n\n,\"use strict';\n\nconst
object = {};\n\nconst hasOwnProperty = object.hasOwnProperty;\n\nconst forOwn = (object, callback) => {\n  for
(const key in object) {\n    if (hasOwnProperty.call(object, key)) {\n      callback(key,
object[key]);\n    }\n  }\n}\n\nconst extend = (destination, source) => {\n  if (!source) {\n    return
destination;\n  }\n  forOwn(source, (key, value) => {\n    destination[key] = value;\n  });\n  return
destination;\n}\n\nconst forEach = (array, callback) => {\n  const length = array.length;\n  let index = -1;\n  while
(++index < length) {\n    callback(array[index]);\n  }\n}\n\nconst toString = object.toString;\n\nconst isArray =
Array.isArray;\n\nconst isBuffer = Buffer.isBuffer;\n\nconst isObject = (value) => {\n  // This is a very simple check,
but it's good enough for what we need.\n  return toString.call(value) === '[object Object]';\n}\n\nconst isString =
(value) => {\n  return typeof value === 'string' || toString.call(value) === '[object String]';\n}\n\nconst isNumber =
(value) => {\n  return typeof value === 'number' || toString.call(value) === '[object Number]';\n}\n\nconst
isFunction = (value) => {\n  return typeof value === 'function';\n}\n\nconst isMap = (value) => {\n  return

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toString.call(value) == '[object Map]';\n};\nconst isSet = (value) => {\n  return toString.call(value) == '[object
Set]';\n};\n\n/*-----*/\n//
https://mathiasbynens.be/notes/javascript-escapes#single\nconst singleEscapes = {\n  t\\": '\\\\\\\\',\n  t\\'": '\\\\\\\\',\n  t\\\\": '\\\\\\\\',\n  t\\\\b': '\\\\\\\\b',\n  t\\\\f': '\\\\\\\\f',\n  t\\\\n': '\\\\\\\\n',\n  t\\r': '\\\\\\\\r',\n  t\\t': '\\\\\\\\t',\n  t\\v': '\\\\\\\\v' is omitted
intentionally, because in IE < 9, \\v == 'v'.\n  t\\x0B': '\\\\\\\\x0B'\n};\nconst regexSingleEscape =
/[/\\\\\\\\\\\\b\\\\f\\\\n\\\\r\\\\t/;\n\nconst regexDigit = /[0-9/];\nconst regexWhitelist = /[ !#-&\\(-[\\]_`a-z~/];\nconst jsesc =
(argument, options) => {\n  const increaseIndentation = () => {\n    const indent =
indent;\n    t++\n    options.indentLevel;\n    tindent = options.indent.repeat(options.indentLevel);\n  };\n  // Handle
options\n  const defaults = {\n    t'escapeEverything': false,\n    t'minimal': false,\n    t'isScriptContext':
false,\n    t'quotes': 'single',\n    t'wrap': false,\n    t'es6': false,\n    t'json': false,\n    t'compact': true,\n    t'lowercaseHex':
false,\n    t'numbers': 'decimal',\n    t'indent': '\\t',\n    t'indentLevel': 0,\n    t'__inline1__': false,\n    t'__inline2__':
false\n  };\n  const json = options && options.json;\n  tif (json) {\n    tdefaults.quotes = 'double';\n    tdefaults.wrap =
true;\n  }\n  toptions = extend(defaults, options);\n  tif (!\n    toptions.quotes != 'single' &&\n    toptions.quotes !=
'double' &&\n    toptions.quotes != 'backtick'\n  ) {\n    toptions.quotes = 'single';\n  }\n  const quote = options.quotes
== 'double' ?\n    t'\n    t(options.quotes == 'backtick' ?\n    t'\n    t'\n    t'\n    t)\n    t):\n    t'\n    t'\n    t'\n    t)\n    t);\n  const compact =
options.compact;\n  const lowercaseHex = options.lowercaseHex;\n  tlet indent =
options.indent.repeat(options.indentLevel);\n  tlet oldIndent = '';\n  const inline1 = options.__inline1__;\n  const
inline2 = options.__inline2__;\n  const newLine = compact ? '\\n': '\\n';\n  tlet result;\n  tlet isEmpty = true;\n  const
useBinNumbers = options.numbers == 'binary';\n  const useOctNumbers = options.numbers == 'octal';\n  const
useDecNumbers = options.numbers == 'decimal';\n  const useHexNumbers = options.numbers ==
'hexadecimal';\n  tif (json && argument && isFunction(argument.toJSON)) {\n    targument =
argument.toJSON();\n  }\n  tif (!isString(argument)) {\n    tif (isMap(argument)) {\n    tif (argument.size == 0)
{\n    t\ntreturn 'new Map()';\n    t}\n    tif (!compact) {\n    t\ntoptions.__inline1__ =
true;\n    t\ntoptions.__inline2__ = false;\n    t\ntreturn 'new Map(' + jsesc(Array.from(argument), options) +
')';\n    t}\n    tif (isSet(argument)) {\n    t\ntif (argument.size == 0) {\n    t\ntreturn 'new Set()';\n    t\ntreturn 'new
Set(' + jsesc(Array.from(argument), options) + ')';\n    t}\n    tif (isBuffer(argument)) {\n    t\ntif (argument.length == 0)
{\n    t\ntreturn 'Buffer.from()';\n    t\ntreturn 'Buffer.from(' + jsesc(Array.from(argument), options) +
')';\n    t}\n    tif (isArray(argument)) {\n    t\ntresult = [];\n    t\ntoptions.wrap = true;\n    t\ntif (inline1)
{\n    t\ntoptions.__inline1__ = false;\n    t\ntoptions.__inline2__ = true;\n    t\ntif (!inline2)
{\n    t\nttincreaseIndentation();\n    t\ntforEach(argument, (value) => {\n    t\nttisEmpty = false;\n    t\ntif (inline2)
{\n    t\nt\ntoptions.__inline2__ = false;\n    t\nt\ntresult.push(\n    t\nt\nt(compact || inline2 ? '' : indent)
+\n    t\nt\ntjsesc(value, options)\n    t\nt\nt);\n    t\ntif (isEmpty) {\n    t\nt\ntreturn '[';\n    t\nt\ntif (inline2)
{\n    t\nt\ntreturn '[' + result.join(', ') + ']';\n    t\nt\ntreturn '[' + newLine + result.join(', ') + newLine
+ newLine +\n    t\nt\nt(compact ? '' : oldIndent) + ']';\n    t\nt} else if (isNumber(argument)) {\n    t\nt\ntif (json) {\n    t\nt\nt// Some number
values (e.g. `Infinity`) cannot be represented in JSON.\n    t\nt\ntreturn JSON.stringify(argument);\n    t\nt\ntif
(useDecNumbers) {\n    t\nt\ntreturn String(argument);\n    t\nt\ntif (useHexNumbers) {\n    t\nt\ntlet hexadecimal =
argument.toString(16);\n    t\nt\ntif (!lowercaseHex) {\n    t\nt\nttheadecimal =
hexadecimal.toUpperCase();\n    t\nt\nt\ntreturn '0x' + hexadecimal;\n    t\nt\ntif (useBinNumbers)
{\n    t\nt\ntreturn '0b' + argument.toString(2);\n    t\nt\ntif (useOctNumbers) {\n    t\nt\ntreturn '0o' +
argument.toString(8);\n    t\nt\nt\nt} else if (!isObject(argument)) {\n    t\nt\ntif (json) {\n    t\nt\nt// For some values (e.g.
`undefined`, `function` objects),\n    t\nt\nt// `JSON.stringify(value)` returns `undefined` (which isn't valid\n    t\nt\nt//
JSON) instead of `null`.\n    t\nt\ntreturn JSON.stringify(argument) || 'null';\n    t\nt\ntreturn String(argument);\n    t\nt\nt}
else {\n    t\nt\ntit's an object\n    t\nt\ntresult = [];\n    t\nt\ntoptions.wrap =
true;\n    t\nt\ntincreaseIndentation();\n    t\nt\ntforOwn(argument, (key, value) => {\n    t\nt\nttisEmpty =
false;\n    t\nt\ntresult.push(\n    t\nt\nt(compact ? '' : indent) +\n    t\nt\ntjsesc(key, options) +\n    t\nt\nt'\n    t\nt\nt(compact ? '' :
')') +\n    t\nt\nt\ntjsesc(value, options)\n    t\nt\nt\nt);\n    t\nt\ntif (isEmpty) {\n    t\nt\ntreturn '{}';\n    t\nt\ntif (!inline1)
{\n    t\nt\ntreturn '{' +
newLine + result.join(', ') + newLine + newLine +\n    t\nt\nt(compact ? '' : oldIndent) + '}';\n    t\nt\nt}\n    t\nt\nt}\n    t\nt\nt}\n    t\nt\ntconst string =
argument;\n    t\nt\nt// Loop over each code unit in the string and escape it\n    t\nt\ntlet index = -1;\n    t\ntconst length =

```



```
string.length;\nresult = ";\nwhile (++index < length) {\nconst character = string.charAt(index);\ntif  
(options.es6) {\nconst first = string.charCodeAt(index);\ntif ( // check if it's the start of a surrogate  
pair\nfirst >= 0xD800 && first <= 0xDBFF && // high surrogate\nlength > index + 1 // there is a next  
code unit\n) {\nconst second = string.charCodeAt(index + 1);\ntif (second >= 0xDC00 && second <=  
0xDFFF) { // low surrogate\n// https://mathiasbynens.be/notes/javascript-encoding#surrogate-  
formulae\nconst codePoint = (first - 0xD800) * 0x400 + second - 0xDC00 + 0x10000;\ntlet  
hexadecimal = codePoint.toString(16);\ntif (!lowercaseHex) {\nthehexadecimal =  
hexadecimal.toUpperCase();\n}\nresult += '\\u{' + hexadecimal +  
'};\n++index;\ntcontinue;\n}\n}\n}\ntif (!options.escapeEverything) {\nconst  
(regexWhitelist.test(character)) {\n// It's a printable ASCII character that is not `\\`, `\\` or `\\`,\n// so don't  
escape it.\nresult += character;\ntcontinue;\n}\ntif (character == '\\') {\nresult += quote ==  
character ? '\\\\' : character;\ntcontinue;\n}\ntif (character == `\\`) {\nresult += quote == character  
? '\\\\' : character;\ntcontinue;\n}\ntif (character == '\\') {\nresult += quote == character ? '\\\\' :  
character;\ntcontinue;\n}\ntif (\\n\\t\\character == '\\0' && \\n\\t!json  
&& \\n\\t!regexDigit.test(string.charAt(index + 1))) {\nresult += '\\\\0';\ntcontinue;\n}\ntif  
(regexSingleEscape.test(character)) {\n// no need for a `hasOwnProperty` check here\nresult +=  
singleEscapes[character];\ntcontinue;\n}\nconst charCode = character.charCodeAt(0);\ntif  
(options.minimal && charCode != 0x2028 && charCode != 0x2029) {\nresult +=  
character;\ntcontinue;\n}\ntlet hexadecimal = charCode.toString(16);\ntif (!lowercaseHex)  
{\nthehexadecimal = hexadecimal.toUpperCase();\n}\ntconst longhand = hexadecimal.length > 2 ||  
json;\nconst escaped = '\\\\' + (longhand ? 'u' : 'x') + \\n\\t('0000' + hexadecimal).slice(longhand ? -4 : -  
2);\nresult += escaped;\ntcontinue;\n}\ntif (options.wrap) {\nresult = quote + result + quote;\n}\ntif  
(quote == `\\`) {\nresult = result.replace(/\\$\\{g, '\\\\'\\$\\{')\n}\n}\ntif (options.isScriptContext) {\n// https://mathiasbynens.be/notes/etago\nreturn result.replace(/<\\/(script|style)/gi, '<\\\\$1')\n.replace(/<!--  
-/g, json ? '\\\\u003C!--' : '\\\\x3C!--');\n}\nreturn result;\n};\n\njsesc.version = '2.5.2';\nmodule.exports =  
jsesc;\n\"use strict\";\nObject.defineProperty(exports, \"__esModule\", {\nvalue:  
true\n});\nexports.AnyTypeAnnotation = AnyTypeAnnotation;\nexports.ArrayTypeAnnotation =  
ArrayTypeAnnotation;\nexports.BooleanTypeAnnotation =  
BooleanTypeAnnotation;\nexports.BooleanLiteralTypeAnnotation =  
BooleanLiteralTypeAnnotation;\nexports.NullLiteralTypeAnnotation =  
NullLiteralTypeAnnotation;\nexports.DeclareClass = DeclareClass;\nexports.DeclareFunction =  
DeclareFunction;\nexports.InferredPredicate = InferredPredicate;\nexports.DeclaredPredicate =  
DeclaredPredicate;\nexports.DeclareInterface = DeclareInterface;\nexports.DeclareModule =  
DeclareModule;\nexports.DeclareModuleExports = DeclareModuleExports;\nexports.DeclareTypeAlias =  
DeclareTypeAlias;\nexports.DeclareOpaqueType = DeclareOpaqueType;\nexports.DeclareVariable =  
DeclareVariable;\nexports.DeclareExportDeclaration =  
DeclareExportDeclaration;\nexports.DeclareExportAllDeclaration =  
DeclareExportAllDeclaration;\nexports.EnumDeclaration = EnumDeclaration;\nexports.EnumBooleanBody =  
EnumBooleanBody;\nexports.EnumNumberBody = EnumNumberBody;\nexports.EnumStringBody =  
EnumStringBody;\nexports.EnumSymbolBody = EnumSymbolBody;\nexports.EnumDefaultedMember =  
EnumDefaultedMember;\nexports.EnumBooleanMember = EnumBooleanMember;\nexports.EnumNumberMember =  
EnumNumberMember;\nexports.EnumStringMember = EnumStringMember;\nexports.ExistsTypeAnnotation =  
ExistsTypeAnnotation;\nexports.FunctionTypeAnnotation =  
FunctionTypeAnnotation;\nexports.FunctionTypeParam = FunctionTypeParam;\nexports.GenericTypeAnnotation =  
exports.ClassImplements = exports.InterfaceExtends = InterfaceExtends;\nexports._interfaceish =  
_interfaceish;\nexports._variance = _variance;\nexports.InterfaceDeclaration =  
InterfaceDeclaration;\nexports.InterfaceTypeAnnotation =  
InterfaceTypeAnnotation;\nexports.IntersectionTypeAnnotation =
```

```

IntersectionTypeAnnotation;\nexports.MixedTypeAnnotation =
MixedTypeAnnotation;\nexports.EmptyTypeAnnotation =
EmptyTypeAnnotation;\nexports.NullableTypeAnnotation =
NullableTypeAnnotation;\nexports.NumberTypeAnnotation =
NumberTypeAnnotation;\nexports.StringTypeAnnotation = StringTypeAnnotation;\nexports.ThisTypeAnnotation =
ThisTypeAnnotation;\nexports.TupleTypeAnnotation = TupleTypeAnnotation;\nexports.TypeofTypeAnnotation =
TypeofTypeAnnotation;\nexports.TypeAlias = TypeAlias;\nexports.TypeAnnotation =
TypeAnnotation;\nexports.TypeParameterDeclaration = exports.TypeParameterInstantiation =
TypeParameterInstantiation;\nexports.TypeParameter = TypeParameter;\nexports.OpaqueType =
OpaqueType;\nexports.ObjectTypeAnnotation = ObjectTypeAnnotation;\nexports.ObjectTypeInternalSlot =
ObjectTypeInternalSlot;\nexports.ObjectTypeCallProperty = ObjectTypeCallProperty;\nexports.ObjectTypeIndexer
= ObjectTypeIndexer;\nexports.ObjectTypeProperty = ObjectTypeProperty;\nexports.ObjectTypeSpreadProperty =
ObjectTypeSpreadProperty;\nexports.QualifiedTypeIdentifier =
QualifiedTypeIdentifier;\nexports.SymbolTypeAnnotation =
SymbolTypeAnnotation;\nexports.UnionTypeAnnotation = UnionTypeAnnotation;\nexports.TypeCastExpression =
TypeCastExpression;\nexports.Variance = Variance;\nexports.VoidTypeAnnotation =
VoidTypeAnnotation;\nObject.defineProperty(exports, \"NumberLiteralTypeAnnotation\", {\n  enumerable: true,\n  get: function () {\n    return _types2.NumericLiteral;\n  }\n});\nObject.defineProperty(exports,
\"StringLiteralTypeAnnotation\", {\n  enumerable: true,\n  get: function () {\n    return _types2.StringLiteral;\n
  }\n});\n\nvar t = _interopRequireWildcard(require(\"@babel/types\"));\n\nvar _modules =
require(\"./modules\");\n\nvar _types2 = require(\"./types\");\n\nfunction _getRequireWildcardCache() { if (typeof
WeakMap !== \"function\") return null; var cache = new WeakMap(); _getRequireWildcardCache = function () {
return cache; }; return cache; }\n\nfunction _interopRequireWildcard(obj) { if (obj && obj.__esModule) { return
obj; } if (obj === null || typeof obj !== \"object\" && typeof obj !== \"function\") { return { default: obj }; } var
cache = _getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var
hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }\n\nfunction AnyTypeAnnotation() {\n
this.word(\"any\");\n}\n\nfunction ArrayTypeAnnotation(node) {\n  this.print(node.elementType, node);\n
this.token(\"[\");\n  this.token(\"]\");\n}\n\nfunction BooleanTypeAnnotation() {\n
this.word(\"boolean\");\n}\n\nfunction BooleanLiteralTypeAnnotation(node) {\n  this.word(node.value ? \"true\" :
\"false\");\n}\n\nfunction NullLiteralTypeAnnotation() {\n  this.word(\"null\");\n}\n\nfunction DeclareClass(node,
parent) {\n  if (!t.isDeclareExportDeclaration(parent)) {\n    this.word(\"declare\");\n    this.space();\n  }\n\n
this.word(\"class\");\n  this.space();\n\n  this._interfaceish(node);\n}\n\nfunction DeclareFunction(node, parent) {\n
if (!t.isDeclareExportDeclaration(parent)) {\n    this.word(\"declare\");\n    this.space();\n  }\n\n
this.word(\"function\");\n  this.space();\n  this.print(node.id, node);\n\n  this.print(node.id.typeAnnotation.typeAnnotation, node);\n\n  if (node.predicate) {\n    this.space();\n
this.print(node.predicate, node);\n  }\n\n  this.semicolon();\n}\n\nfunction InferredPredicate() {\n
this.token(\"%\");\n  this.word(\"checks\");\n}\n\nfunction DeclaredPredicate(node) {\n  this.token(\"%\");\n
this.word(\"checks\");\n  this.token(\"(\");\n  this.print(node.value, node);\n  this.token(\")\");\n}\n\nfunction
DeclareInterface(node) {\n  this.word(\"declare\");\n  this.space();\n  this.InterfaceDeclaration(node);\n}\n\nfunction
DeclareModule(node) {\n  this.word(\"declare\");\n  this.space();\n  this.word(\"module\");\n  this.space();\n
this.print(node.id, node);\n  this.space();\n  this.print(node.body, node);\n}\n\nfunction
DeclareModuleExports(node) {\n  this.word(\"declare\");\n  this.space();\n  this.word(\"module\");\n
this.token(\".\");\n  this.word(\"exports\");\n  this.print(node.typeAnnotation, node);\n}\n\nfunction
DeclareTypeAlias(node) {\n  this.word(\"declare\");\n  this.space();\n  this.TypeAlias(node);\n}\n\nfunction

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DeclareOpaqueType(node, parent) {\n if (!t.isDeclareExportDeclaration(parent)) {\n this.word(\"declare\");\n this.space();\n }\n\n this.OpaqueType(node);\n}\n\nfunction DeclareVariable(node, parent) {\n if (!t.isDeclareExportDeclaration(parent)) {\n this.word(\"declare\");\n this.space();\n }\n\n this.word(\"var\");\n this.space();\n this.print(node.id, node);\n this.print(node.id.typeAnnotation, node);\n this.semicolon();\n}\n\nfunction DeclareExportDeclaration(node) {\n this.word(\"declare\");\n this.space();\n this.word(\"export\");\n this.space();\n\n if (node.default) {\n this.word(\"default\");\n this.space();\n }\n\n FlowExportDeclaration.apply(this, arguments);\n}\n\nfunction DeclareExportAllDeclaration() {\n this.word(\"declare\");\n this.space();\n\n _modules.ExportAllDeclaration.apply(this, arguments);\n}\n\nfunction EnumDeclaration(node) {\n const {\n id,\n body\n } = node;\n this.word(\"enum\");\n this.space();\n this.print(id, node);\n this.print(body, node);\n}\n\nfunction enumExplicitType(context, name, hasExplicitType) {\n if (hasExplicitType) {\n context.space();\n context.word(\"of\");\n context.space();\n context.word(name);\n }\n\n context.space();\n}\n\nfunction enumBody(context, node) {\n const {\n members\n } = node;\n context.token(\"{\");\n context.indent();\n context.newline();\n\n for (const member of members) {\n context.print(member, node);\n context.newline();\n }\n\n context.dedent();\n context.token(\"}\");\n}\n\nfunction EnumBooleanBody(node) {\n const {\n explicitType\n } = node;\n enumExplicitType(this, \"boolean\", explicitType);\n enumBody(this, node);\n}\n\nfunction EnumNumberBody(node) {\n const {\n explicitType\n } = node;\n enumExplicitType(this, \"number\", explicitType);\n enumBody(this, node);\n}\n\nfunction EnumStringBody(node) {\n const {\n explicitType\n } = node;\n enumExplicitType(this, \"string\", explicitType);\n enumBody(this, node);\n}\n\nfunction EnumSymbolBody(node) {\n enumExplicitType(this, \"symbol\", true);\n enumBody(this, node);\n}\n\nfunction EnumDefaultedMember(node) {\n const {\n id\n } = node;\n this.print(id, node);\n this.token(\",\");\n}\n\nfunction enumInitializedMember(context, node) {\n const {\n id,\n init\n } = node;\n context.print(id, node);\n context.space();\n context.token(\"=\");\n context.space();\n context.print(init, node);\n context.token(\",\");\n}\n\nfunction EnumBooleanMember(node) {\n enumInitializedMember(this, node);\n}\n\nfunction EnumNumberMember(node) {\n enumInitializedMember(this, node);\n}\n\nfunction EnumStringMember(node) {\n enumInitializedMember(this, node);\n}\n\nfunction FlowExportDeclaration(node) {\n if (node.declaration) {\n const declar = node.declaration;\n this.print(declar, node);\n if (!t.isStatement(declar)) this.semicolon();\n } else {\n this.token(\"{\");\n\n if (node.specifiers.length) {\n this.space();\n this.printList(node.specifiers, node);\n this.space();\n }\n\n this.token(\"}\");\n\n if (node.source) {\n this.space();\n this.word(\"from\");\n this.space();\n this.print(node.source, node);\n }\n\n this.semicolon();\n }\n}\n\nfunction ExistsTypeAnnotation() {\n this.token(\"*\");\n}\n\nfunction FunctionTypeAnnotation(node, parent) {\n this.print(node.typeParameters, node);\n this.token(\"(\");\n this.printList(node.params, node);\n\n if (node.rest) {\n if (node.params.length) {\n this.token(\",\");\n this.space();\n }\n\n this.token(\"...\");\n this.print(node.rest, node);\n }\n\n this.token(\")\");\n\n if (parent.type === \"ObjectTypeCallProperty\" || parent.type === \"DeclareFunction\" || parent.type === \"ObjectTypeProperty\" && parent.method) {\n this.token(\":\");\n } else {\n this.space();\n this.token(\"=>\");\n }\n\n this.space();\n this.print(node.returnType, node);\n}\n\nfunction FunctionTypeParam(node) {\n this.print(node.name, node);\n if (node.optional) this.token(\"?\");\n\n if (node.name) {\n this.token(\":\");\n this.space();\n }\n\n this.print(node.typeAnnotation, node);\n}\n\nfunction InterfaceExtends(node) {\n this.print(node.id, node);\n this.print(node.typeParameters, node);\n}\n\nfunction _interfaceish(node) {\n this.print(node.id, node);\n this.print(node.typeParameters, node);\n\n if (node.extends.length) {\n this.space();\n this.word(\"extends\");\n this.space();\n this.printList(node.extends, node);\n }\n\n if (node.mixins && node.mixins.length) {\n this.space();\n this.word(\"mixins\");\n this.space();\n this.printList(node.mixins, node);\n }\n\n if (node.implements && node.implements.length) {\n this.space();\n this.word(\"implements\");\n this.space();\n this.printList(node.implements, node);\n }\n\n this.space();\n this.print(node.body, node);\n}\n\nfunction _variance(node) {\n if (node.variance) {\n if (node.variance.kind === \"plus\") {\n this.token(\"+\");\n } else if (node.variance.kind === \"minus\") {\n this.token(\"-\");\n }\n }\n}\n\nfunction InterfaceDeclaration(node) {\n this.word(\"interface\");\n}

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this.space();\n\n this._interfaceish(node);\n}\n\nfunction andSeparator() {\n this.space();\n this.token("&");\n this.space();\n}\n\nfunction InterfaceTypeAnnotation(node) {\n this.word("interface");\n\n if (node.extends && node.extends.length) {\n this.space();\n this.word("extends");\n this.space();\n this.printList(node.extends, node);\n }\n\n this.space();\n this.print(node.body, node);\n}\n\nfunction IntersectionTypeAnnotation(node) {\n this.printJoin(node.types, node, {\n separator: andSeparator\n });\n}\n\nfunction MixedTypeAnnotation() {\n this.word("mixed");\n}\n\nfunction EmptyTypeAnnotation() {\n this.word("empty");\n}\n\nfunction NullableTypeAnnotation(node) {\n this.token("?");\n this.print(node.typeAnnotation, node);\n}\n\nfunction NumberTypeAnnotation() {\n this.word("number");\n}\n\nfunction StringTypeAnnotation() {\n this.word("string");\n}\n\nfunction ThisTypeAnnotation() {\n this.word("this");\n}\n\nfunction TupleTypeAnnotation(node) {\n this.token("[");\n this.printList(node.types, node);\n this.token("]");\n}\n\nfunction TypeofTypeAnnotation(node) {\n this.word("typeof");\n this.space();\n this.print(node.argument, node);\n}\n\nfunction TypeAlias(node) {\n this.word("type");\n this.space();\n this.print(node.id, node);\n this.print(node.typeParameters, node);\n this.space();\n this.token("=");\n this.space();\n this.print(node.right, node);\n this.semicolon();\n}\n\nfunction TypeAnnotation(node) {\n this.token(":");\n this.space();\n if (node.optional) this.token("?");\n this.print(node.typeAnnotation, node);\n}\n\nfunction TypeParameterInstantiation(node) {\n this.token("<");\n this.printList(node.params, node, {\n });\n this.token(">");\n}\n\nfunction TypeParameter(node) {\n this._variance(node);\n\n this.word(node.name);\n\n if (node.bound) {\n this.print(node.bound, node);\n }\n\n if (node.default) {\n this.space();\n this.token("=");\n this.space();\n this.print(node.default, node);\n }\n}\n\nfunction OpaqueType(node) {\n this.word("opaque");\n this.space();\n this.word("type");\n this.space();\n this.print(node.id, node);\n this.print(node.typeParameters, node);\n\n if (node.supertype) {\n this.token(":");\n this.space();\n this.print(node.supertype, node);\n }\n\n if (node.impltype) {\n this.space();\n this.token("=");\n this.space();\n this.print(node.impltype, node);\n }\n\n this.semicolon();\n}\n\nfunction ObjectTypeAnnotation(node) {\n if (node.exact) {\n this.token("{");\n } else {\n this.token("{}");\n }\n\n const props = node.properties.concat(node.callProperties || [], node.indexers || [], node.internalSlots || []);\n\n if (props.length) {\n this.space();\n this.printJoin(props, node, {\n addNewlines(leading) {\n if (leading && !props[0]) return 1;\n },\n\n indent: true,\n statement: true,\n iterator: () => {\n if (props.length !== 1 || node.inexact) {\n this.token(",");\n this.space();\n }\n }\n });\n this.space();\n }\n\n if (node.inexact) {\n this.indent();\n this.token("...");\n\n if (props.length) {\n this.newline();\n }\n\n this.dedent();\n }\n\n if (node.exact) {\n this.token("}");\n } else {\n this.token("{}");\n }\n}\n\nfunction ObjectTypeInternalSlot(node) {\n if (node.static) {\n this.word("static");\n this.space();\n }\n\n this.token("[");\n this.token("]");\n this.print(node.id, node);\n this.token(":");\n this.token("]");\n\n if (node.optional) this.token("?");\n\n if (!node.method) {\n this.token(":");\n this.space();\n }\n\n this.print(node.value, node);\n}\n\nfunction ObjectTypeCallProperty(node) {\n if (node.static) {\n this.word("static");\n this.space();\n }\n\n this.print(node.value, node);\n}\n\nfunction ObjectTypeIndexer(node) {\n if (node.static) {\n this.word("static");\n this.space();\n }\n\n this._variance(node);\n\n this.token("[");\n\n if (node.id) {\n this.print(node.id, node);\n this.token(":");\n this.space();\n }\n\n this.print(node.key, node);\n this.token("]");\n this.token(":");\n this.space();\n this.print(node.value, node);\n}\n\nfunction ObjectTypeProperty(node) {\n if (node.proto) {\n this.word("proto");\n this.space();\n }\n\n if (node.static) {\n this.word("static");\n this.space();\n }\n\n if (node.kind === "get" || node.kind === "set") {\n this.word(node.kind);\n this.space();\n }\n\n this._variance(node);\n\n this.print(node.key, node);\n\n if (node.optional) this.token("?");\n\n if (!node.method) {\n this.token(":");\n this.space();\n }\n\n this.print(node.value, node);\n}\n\nfunction ObjectTypeSpreadProperty(node) {\n this.token("...");\n this.print(node.argument, node);\n}\n\nfunction QualifiedTypeIdentifier(node) {\n this.print(node.qualification, node);\n this.token(".");\n this.print(node.id, node);\n}\n\nfunction SymbolTypeAnnotation() {\n this.word("symbol");\n}\n\nfunction orSeparator() {\n this.space();\n this.token("|");\n\n this.space();\n}\n\nfunction UnionTypeAnnotation(node) {\n this.printJoin(node.types, node, {\n separator: orSeparator\n });\n}\n\nfunction TypeCastExpression(node) {\n this.token("(");\n this.print(node.expression,

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node);\n this.print(node.typeAnnotation, node);\n this.token("\\");\n}\n\nfunction Variance(node) {\n if
(node.kind === \"plus\") {\n this.token(\"+\");\n } else {\n this.token(\"-\");\n }\n}\n\nfunction
VoidTypeAnnotation() {\n this.word(\"void\");\n}, \"use strict\";\n\nObject.defineProperty(exports,
\"__esModule\", {\n value: true\n});\n\nexports.File = File;\nexports.Program = Program;\nexports.BlockStatement =
BlockStatement;\nexports.Noop = Noop;\nexports.Directive = Directive;\nexports.DirectiveLiteral =
DirectiveLiteral;\nexports.InterpreterDirective = InterpreterDirective;\nexports.Placeholder =
Placeholder;\n\nfunction File(node) {\n if (node.program) {\n this.print(node.program.interpreter, node);\n }\n\n
this.print(node.program, node);\n}\n\nfunction Program(node) {\n this.printInnerComments(node, false);\n
this.printSequence(node.directives, node);\n if (node.directives && node.directives.length) this.newline();\n
this.printSequence(node.body, node);\n}\n\nfunction BlockStatement(node) {\n var _node$directives;\n\n
this.token(\"{\");\n this.printInnerComments(node);\n const hasDirectives = (_node$directives = node.directives)
== null ? void 0 : _node$directives.length;\n\n if (node.body.length || hasDirectives) {\n this.newline();\n
this.printSequence(node.directives, node, {\n indent: true\n });\n if (hasDirectives) this.newline();\n
this.printSequence(node.body, node, {\n indent: true\n });\n this.removeTrailingNewline();\n
this.source(\"end\", node.loc);\n if (!this.endsWith(\"\\n\")) this.newline();\n this.rightBrace();\n } else {\n
this.source(\"end\", node.loc);\n this.token(\"}\");\n }\n}\n\nfunction Noop() {} \n\nfunction Directive(node) {\n
this.print(node.value, node);\n this.semicolon();\n}\n\nconst unescapedSingleQuoteRE =
/(?^[^\\\\\\\"])(?::\\\\\\\\\\\\\\\\)*;/;\nconst unescapedDoubleQuoteRE =
/(?^[^\\\\\\\"])(?::\\\\\\\\\\\\\\\\)*;/;\n\nfunction
DirectiveLiteral(node) {\n const raw = this.getPossibleRaw(node);\n\n if (raw != null) {\n this.token(raw);\n
return;\n }\n\n const {\n value\n } = node;\n\n if (!unescapedDoubleQuoteRE.test(value)) {\n
this.token(\"${value}\");\n } else if (!unescapedSingleQuoteRE.test(value)) {\n this.token(`${value}`);\n } else
{\n throw new Error(\"Malformed AST: it is not possible to print a directive containing\" + \" \" both unescaped
single and double quotes.\");\n }\n}\n\nfunction InterpreterDirective(node) {\n
this.token(`#!${node.value}\\n`);\n}\n\nfunction Placeholder(node) {\n this.token(\"% \");\n
this.print(node.name);\n this.token(\"% \");\n\n if (node.expectedNode === \"Statement\") {\n
this.semicolon();\n }\n}\n}, \"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\n\nexports.JSXAttribute = JSXAttribute;\nexports.JSXIdentifier =
JSXIdentifier;\nexports.JSXNamespacedName = JSXNamespacedName;\nexports.JSXMemberExpression =
JSXMemberExpression;\nexports.JSXSpreadAttribute = JSXSpreadAttribute;\nexports.JSXExpressionContainer =
JSXExpressionContainer;\nexports.JSXSpreadChild = JSXSpreadChild;\nexports.JSXText =
JSXText;\nexports.JSXElement = JSXElement;\nexports.JSXOpeningElement =
JSXOpeningElement;\nexports.JSXClosingElement = JSXClosingElement;\nexports.JSXEmptyExpression =
JSXEmptyExpression;\nexports.JSXFragment = JSXFragment;\nexports.JSXOpeningFragment =
JSXOpeningFragment;\nexports.JSXClosingFragment = JSXClosingFragment;\n\nfunction JSXAttribute(node) {\n
this.print(node.name, node);\n\n if (node.value) {\n this.token(\"=\");\n this.print(node.value, node);\n
}\n}\n\nfunction JSXIdentifier(node) {\n this.word(node.name);\n}\n\nfunction JSXNamespacedName(node) {\n
this.print(node.namespace, node);\n this.token(\":\");\n this.print(node.name, node);\n}\n\nfunction
JSXMemberExpression(node) {\n this.print(node.object, node);\n this.token(\".\");\n this.print(node.property,
node);\n}\n\nfunction JSXSpreadAttribute(node) {\n this.token(\"{\");\n this.token(\"...\");\n
this.print(node.argument, node);\n this.token(\"}\");\n}\n\nfunction JSXExpressionContainer(node) {\n
this.token(\"{\");\n this.print(node.expression, node);\n this.token(\"}\");\n}\n\nfunction JSXSpreadChild(node) {\n
this.token(\"{\");\n this.token(\"...\");\n this.print(node.expression, node);\n this.token(\"}\");\n}\n\nfunction
JSXText(node) {\n const raw = this.getPossibleRaw(node);\n\n if (raw != null) {\n this.token(raw);\n } else {\n
this.token(node.value);\n }\n}\n\nfunction JSXElement(node) {\n const open = node.openingElement;\n
this.print(open, node);\n\n if (open.selfClosing) return;\n this.indent();\n\n for (const child of node.children) {\n
this.print(child, node);\n }\n\n this.dedent();\n this.print(node.closingElement, node);\n}\n\nfunction
spaceSeparator() {\n this.space();\n}\n\nfunction JSXOpeningElement(node) {\n this.token(\"<\");\n
this.print(node.name, node);\n this.print(node.typeParameters, node);\n\n if (node.attributes.length > 0) {\n

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this.space();\n  this.printJoin(node.attributes, node, {\n    separator: spaceSeparator\n  });\n }\n\n if
(node.selfClosing) {\n  this.space();\n  this.token("</>");\n } else {\n  this.token(">");\n }\n}\n\nfunction
JSXClosingElement(node) {\n  this.token("<");\n  this.print(node.name, node);\n  this.token(">");\n}\n\nfunction
JSXEmptyExpression(node) {\n  this.printInnerComments(node);\n }\n\nfunction JSXFragment(node) {\n
  this.print(node.openingFragment, node);\n  this.indent();\n\n  for (const child of node.children) {\n    this.print(child,
node);\n  }\n\n  this.dedent();\n  this.print(node.closingFragment, node);\n }\n\nfunction JSXOpeningFragment() {\n
  this.token("<");\n  this.token(">");\n }\n\nfunction JSXClosingFragment() {\n  this.token("<");\n
  this.token(">");\n }\n}, {"use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value:
true\n});\n\nexports.TSTypeAnnotation = TSTypeAnnotation;\nexports.TSTypeParameterDeclaration =
exports.TSTypeParameterInstantiation = TSTypeParameterInstantiation;\nexports.TSTypeParameter =
TSTypeParameter;\nexports.TSParameterProperty = TSParameterProperty;\nexports.TSDeclareFunction =
TSDeclareFunction;\nexports.TSDeclareMethod = TSDeclareMethod;\nexports.TSQualifiedName =
TSQualifiedName;\nexports.TSCallSignatureDeclaration =
TSCallSignatureDeclaration;\nexports.TSConstructSignatureDeclaration =
TSConstructSignatureDeclaration;\nexports.TSPropertySignature =
TSPropertySignature;\nexports.tsPrintPropertyOrMethodName =
tsPrintPropertyOrMethodName;\nexports.TSMethodSignature = TSMethodSignature;\nexports.TSIndexSignature =
TSIndexSignature;\nexports.TSAnyKeyword = TSAnyKeyword;\nexports.TSBigIntKeyword =
TSBigIntKeyword;\nexports.TSUnknownKeyword = TSUnknownKeyword;\nexports.TSNumberKeyword =
TSNumberKeyword;\nexports.TSObjectKeyword = TSObjectKeyword;\nexports.TSBooleanKeyword =
TSBooleanKeyword;\nexports.TSStringKeyword = TSStringKeyword;\nexports.TSSymbolKeyword =
TSSymbolKeyword;\nexports.TSVoidKeyword = TSVoidKeyword;\nexports.TSUndefinedKeyword =
TSUndefinedKeyword;\nexports.TSNullKeyword = TSNullKeyword;\nexports.TSNeverKeyword =
TSNeverKeyword;\nexports.TSIntrinsicKeyword = TSIntrinsicKeyword;\nexports.TSThisType =
TSThisType;\nexports.TSFunctionType = TSFunctionType;\nexports.TSConstructorType =
TSConstructorType;\nexports.tsPrintFunctionOrConstructorType =
tsPrintFunctionOrConstructorType;\nexports.TSTypeReference = TSTypeReference;\nexports.TSTypePredicate =
TSTypePredicate;\nexports.TSTypeQuery = TSTypeQuery;\nexports.TSTypeLiteral =
TSTypeLiteral;\nexports.tsPrintTypeLiteralOrInterfaceBody =
tsPrintTypeLiteralOrInterfaceBody;\nexports.tsPrintBraced = tsPrintBraced;\nexports.TSArrayType =
TSArrayType;\nexports.TSTupleType = TSTupleType;\nexports.TSOptionalType =
TSOptionalType;\nexports.TSRestType = TSRestType;\nexports.TSNamedTupleMember =
TSNamedTupleMember;\nexports.TSUnionType = TSUnionType;\nexports.TSIntersectionType =
TSIntersectionType;\nexports.tsPrintUnionOrIntersectionType =
tsPrintUnionOrIntersectionType;\nexports.TSConditionalType = TSConditionalType;\nexports.TSInferType =
TSInferType;\nexports.TSParenthesizedType = TSParenthesizedType;\nexports.TSTypeOperator =
TSTypeOperator;\nexports.TSIndexedAccessType = TSIndexedAccessType;\nexports.TSMappedType =
TSMappedType;\nexports.TSLiteralType = TSLiteralType;\nexports.TSExpressionWithTypeArguments =
TSExpressionWithTypeArguments;\nexports.TSInterfaceDeclaration =
TSInterfaceDeclaration;\nexports.TSInterfaceBody = TSInterfaceBody;\nexports.TSTypeAliasDeclaration =
TSTypeAliasDeclaration;\nexports.TSAsExpression = TSAsExpression;\nexports.TSTypeAssertion =
TSTypeAssertion;\nexports.TSEnumDeclaration = TSEnumDeclaration;\nexports.TSEnumMember =
TSEnumMember;\nexports.TSModuleDeclaration = TSModuleDeclaration;\nexports.TSModuleBlock =
TSModuleBlock;\nexports.TSImportType = TSImportType;\nexports.TSImportEqualsDeclaration =
TSImportEqualsDeclaration;\nexports.TSExternalModuleReference =
TSExternalModuleReference;\nexports.TSNonNullExpression =
TSNonNullExpression;\nexports.TSExportAssignment =
TSExportAssignment;\nexports.TSNamespaceExportDeclaration =

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TSNamespaceExportDeclaration;\nexports.tsPrintSignatureDeclarationBase =
tsPrintSignatureDeclarationBase;\nexports.tsPrintClassMemberModifiers =
tsPrintClassMemberModifiers;\n\nfunction TSTypeAnnotation(node) {\n  this.token(":");\n  this.space();\n  if (node.optional) this.token("?");\n  this.print(node.typeAnnotation, node);\n}\n\nfunction TSTypeParameterInstantiation(node) {\n  this.token("<");\n  this.printList(node.params, node, {});\n  this.token(">");\n}\n\nfunction TSTypeParameter(node) {\n  this.word(node.name);\n  if (node.constraint) {\n    this.space();\n    this.word("extends");\n    this.space();\n    this.print(node.constraint, node);\n  }\n  if (node.default) {\n    this.space();\n    this.token("=");\n    this.space();\n    this.print(node.default, node);\n  }\n}\n\nfunction TSParameterProperty(node) {\n  if (node.accessibility) {\n    this.word(node.accessibility);\n    this.space();\n  }\n  if (node.readonly) {\n    this.word("readonly");\n    this.space();\n  }\n  this._param(node.parameter);\n}\n\nfunction TSDeclareFunction(node) {\n  if (node.declare) {\n    this.word("declare");\n    this.space();\n  }\n  this._functionHead(node);\n  this.token(";");\n}\n\nfunction TSDeclareMethod(node) {\n  this._classMethodHead(node);\n  this.token(":");\n}\n\nfunction TSQualifiedName(node) {\n  this.print(node.left, node);\n  this.token(".");\n  this.print(node.right, node);\n}\n\nfunction TSCallSignatureDeclaration(node) {\n  this.tsPrintSignatureDeclarationBase(node);\n  this.token(";");\n}\n\nfunction TSConstructSignatureDeclaration(node) {\n  this.word("new");\n  this.space();\n  this.tsPrintSignatureDeclarationBase(node);\n  this.token(";");\n}\n\nfunction TSPropertySignature(node) {\n  const {readonly, initializer} = node;\n  if (readonly) {\n    this.word("readonly");\n    this.space();\n  }\n  this.tsPrintPropertyOrMethodName(node);\n  this.print(node.typeAnnotation, node);\n  if (initializer) {\n    this.space();\n    this.token("=");\n    this.space();\n    this.print(initializer, node);\n  }\n  this.token(";");\n}\n\nfunction tsPrintPropertyOrMethodName(node) {\n  if (node.computed) {\n    this.token("[");\n    this.print(node.key, node);\n    if (node.computed) {\n      this.token("]");\n    }\n  }\n  if (node.optional) {\n    this.token("?");\n  }\n}\n\nfunction TSMethodSignature(node) {\n  this.tsPrintPropertyOrMethodName(node);\n  this.tsPrintSignatureDeclarationBase(node);\n  this.token(";");\n}\n\nfunction TSIndexSignature(node) {\n  const {readonly} = node;\n  if (readonly) {\n    this.word("readonly");\n    this.space();\n  }\n  this.token("[");\n  this._parameters(node.parameters, node);\n  this.token("]");\n  this.print(node.typeAnnotation, node);\n  this.token(";");\n}\n\nfunction TSAnyKeyword() {\n  this.word("any");\n}\n\nfunction TSBigIntKeyword() {\n  this.word("bigint");\n}\n\nfunction TSUnknownKeyword() {\n  this.word("unknown");\n}\n\nfunction TSNumberKeyword() {\n  this.word("number");\n}\n\nfunction TSObjectKeyword() {\n  this.word("object");\n}\n\nfunction TSBooleanKeyword() {\n  this.word("boolean");\n}\n\nfunction TSStringKeyword() {\n  this.word("string");\n}\n\nfunction TSSymbolKeyword() {\n  this.word("symbol");\n}\n\nfunction TSVoidKeyword() {\n  this.word("void");\n}\n\nfunction TSUndefinedKeyword() {\n  this.word("undefined");\n}\n\nfunction TSNullKeyword() {\n  this.word("null");\n}\n\nfunction TSNeverKeyword() {\n  this.word("never");\n}\n\nfunction TSIntrinsicKeyword() {\n  this.word("intrinsic");\n}\n\nfunction TSThisType() {\n  this.word("this");\n}\n\nfunction TSFunctionType(node) {\n  this.tsPrintFunctionOrConstructorType(node);\n}\n\nfunction TSConstructorType(node) {\n  this.word("new");\n  this.space();\n  this.tsPrintFunctionOrConstructorType(node);\n}\n\nfunction tsPrintFunctionOrConstructorType(node) {\n  const {typeParameters, parameters} = node;\n  this.print(typeParameters, node);\n  this.token("(");\n  this._parameters(parameters, node);\n  this.token(")");\n  this.space();\n  this.token("=>");\n  this.space();\n  this.print(node.typeAnnotation.typeAnnotation, node);\n}\n\nfunction TSTypeReference(node) {\n  this.print(node.typeName, node);\n  this.print(node.typeParameters, node);\n}\n\nfunction TSTypePredicate(node) {\n  if (node.asserts) {\n    this.word("asserts");\n    this.space();\n  }\n  this.print(node.parameterName);\n  if (node.typeAnnotation) {\n    this.space();\n    this.word("is");\n    this.space();\n    this.print(node.typeAnnotation.typeAnnotation);\n  }\n}\n\nfunction TSTypeQuery(node) {\n  this.word("typeof");\n  this.space();\n  this.print(node.exprName);\n}\n\nfunction TSTypeLiteral(node) {\n

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this.tsPrintTypeLiteralOrInterfaceBody(node.members, node);\n}\n\nfunction
tsPrintTypeLiteralOrInterfaceBody(members, node) {\n  this.tsPrintBraced(members, node);\n}\n\nfunction
tsPrintBraced(members, node) {\n  this.token("{");\n\n  if (members.length) {\n    this.indent();\n    this.newline();\n\n    for (const member of members) {\n      this.print(member, node);\n      this.newline();\n    }\n\n    this.dedent();\n    this.rightBrace();\n  } else {\n    this.token("{}");\n  }\n}\n\nfunction TSArrayType(node) {\n  this.print(node.elementType, node);\n  this.token("[]");\n}\n\nfunction TSTupleType(node) {\n  this.token("[");\n  this.printList(node.elementTypes, node);\n  this.token("]");\n}\n\nfunction TSOptionalType(node) {\n  this.print(node.typeAnnotation, node);\n  this.token("?");\n}\n\nfunction TSRestType(node) {\n  this.token("...");\n  this.print(node.typeAnnotation, node);\n}\n\nfunction TSNamedTupleMember(node) {\n  this.print(node.label, node);\n  if (node.optional) this.token("?");\n  this.token(":");\n  this.space();\n  this.print(node.elementType, node);\n}\n\nfunction TSUnionType(node) {\n  this.tsPrintUnionOrIntersectionType(node, "|");\n}\n\nfunction TSIntersectionType(node) {\n  this.tsPrintUnionOrIntersectionType(node, "&");\n}\n\nfunction tsPrintUnionOrIntersectionType(node, sep) {\n  this.printJoin(node.types, node, {\n    separator() {\n      this.space();\n      this.token(sep);\n      this.space();\n    }\n  });\n}\n\nfunction TSConditionalType(node) {\n  this.print(node.checkType);\n  this.space();\n  this.word("extends");\n  this.space();\n  this.print(node.extendsType);\n  this.space();\n  this.token("?");\n  this.space();\n  this.print(node.trueType);\n  this.space();\n  this.token(":");\n  this.space();\n  this.print(node.falseType);\n}\n\nfunction TSInferType(node) {\n  this.token("infer");\n  this.space();\n  this.print(node.typeParameter);\n}\n\nfunction TSParenthesizedType(node) {\n  this.token("(");\n  this.print(node.typeAnnotation, node);\n  this.token(")");\n}\n\nfunction TSTypeOperator(node) {\n  this.word(node.operator);\n  this.space();\n  this.print(node.typeAnnotation, node);\n}\n\nfunction TSIndexedAccessType(node) {\n  this.print(node.objectType, node);\n  this.token("[");\n  this.print(node.indexType, node);\n  this.token("]");\n}\n\nfunction TSMappedType(node) {\n  const {\n    nameType,\n    optional,\n    readonly,\n    typeParameter\n  } = node;\n  this.token("{");\n  this.space();\n  if (readonly) {\n    tokenIfPlusMinus(this, readonly);\n    this.word("readonly");\n    this.space();\n  }\n\n  this.token("[");\n  this.word(typeParameter.name);\n  this.space();\n  this.word("in");\n  this.space();\n  this.print(typeParameter.constraint, typeParameter);\n\n  if (nameType) {\n    this.space();\n    this.word("as");\n    this.space();\n    this.print(nameType, node);\n  }\n\n  this.token("]");\n\n  if (optional) {\n    tokenIfPlusMinus(this, optional);\n    this.token("?");\n  }\n\n  this.token(":");\n  this.space();\n  this.print(node.typeAnnotation, node);\n  this.space();\n  this.token("}");\n}\n\nfunction tokenIfPlusMinus(self, tok) {\n  if (tok !== true) {\n    self.token(tok);\n  }\n}\n\nfunction TSLiteralType(node) {\n  this.print(node.literal, node);\n}\n\nfunction TSExpressionWithTypeArguments(node) {\n  this.print(node.expression, node);\n  this.print(node.typeParameters, node);\n}\n\nfunction TSInterfaceDeclaration(node) {\n  const {\n    declare,\n    id,\n    typeParameters,\n    extends: extendz,\n    body\n  } = node;\n  if (declare) {\n    this.word("declare");\n    this.space();\n  }\n\n  this.word("interface");\n  this.space();\n  this.print(id, node);\n  this.print(typeParameters, node);\n\n  if (extendz) {\n    this.space();\n    this.word("extends");\n    this.space();\n    this.printList(extendz, node);\n  }\n\n  this.space();\n  this.print(body, node);\n}\n\nfunction TSInterfaceBody(node) {\n  this.tsPrintTypeLiteralOrInterfaceBody(node.body, node);\n}\n\nfunction TSTypeAliasDeclaration(node) {\n  const {\n    declare,\n    id,\n    typeParameters,\n    typeAnnotation\n  } = node;\n\n  if (declare) {\n    this.word("declare");\n    this.space();\n  }\n\n  this.word("type");\n  this.space();\n  this.print(id, node);\n  this.print(typeParameters, node);\n  this.space();\n  this.token("=");\n  this.space();\n  this.print(typeAnnotation, node);\n  this.token(";");\n}\n\nfunction TSAsExpression(node) {\n  const {\n    expression,\n    typeAnnotation\n  } = node;\n  this.print(expression, node);\n  this.space();\n  this.word("as");\n  this.space();\n  this.print(typeAnnotation, node);\n}\n\nfunction TSTypeAssertion(node) {\n  const {\n    typeAnnotation,\n    expression\n  } = node;\n  this.token("<");\n  this.print(typeAnnotation, node);\n  this.token(">");\n  this.space();\n  this.print(expression, node);\n}\n\nfunction TSEnumDeclaration(node) {\n  const {\n    declare,\n    const: isConst,\n    id,\n    members\n  } = node;\n  if (declare) {\n    this.word("declare");\n    this.space();\n  }\n\n  if (isConst) {\n    this.word("const");\n    this.space();\n  }\n\n  this.word("enum");\n  this.space();\n}

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this.print(id, node);\n this.space();\n this.tsPrintBraced(members, node);\n}\n\nfunction TSEnumMember(node)
{\n const {\n id,\n initializer\n } = node;\n this.print(id, node);\n\n if (initializer) {\n this.space();\n
this.token("\\=");\n this.space();\n this.print(initializer, node);\n }\n\n this.token("\\,");\n}\n\nfunction
TSMODULE_DECLARATION(node) {\n const {\n declare,\n id\n } = node;\n\n if (declare) {\n
this.word("\\declare");\n this.space();\n }\n\n if (!node.global) {\n this.word(id.type === "\\Identifier" ?
"namespace" : "module");\n this.space();\n }\n\n this.print(id, node);\n\n if (!node.body) {\n
this.token("\\;");\n return;\n }\n\n let body = node.body;\n\n while (body.type === "\\TSMODULE_DECLARATION") {\n
this.token("\\.");\n this.print(body.id, body);\n body = body.body;\n }\n\n this.space();\n this.print(body,
node);\n}\n\nfunction TSMODULE_BLOCK(node) {\n this.tsPrintBraced(node.body, node);\n}\n\nfunction
TSIMPORT_TYPE(node) {\n const {\n argument,\n qualifier,\n typeParameters\n } = node;\n
this.word("\\import");\n this.token("\\(");\n this.print(argument, node);\n this.token("\\)");\n\n if (qualifier) {\n
this.token("\\.");\n this.print(qualifier, node);\n }\n\n if (typeParameters) {\n this.print(typeParameters, node);\n
}\n}\n\nfunction TSIMPORT_EQUALS_DECLARATION(node) {\n const {\n isExport,\n id,\n moduleReference\n } =
node;\n\n if (isExport) {\n this.word("\\export");\n this.space();\n }\n\n this.word("\\import");\n this.space();\n
this.print(id, node);\n this.space();\n this.token("\\=");\n this.space();\n this.print(moduleReference, node);\n
this.token("\\;");\n}\n\nfunction TSEXTERNAL_MODULE_REFERENCE(node) {\n this.token("\\require");\n
this.print(node.expression, node);\n this.token("\\)");\n}\n\nfunction TSNON_NULL_EXPRESSION(node) {\n
this.print(node.expression, node);\n this.token("\\!");\n}\n\nfunction TSEXPORT_ASSIGNMENT(node) {\n
this.word("\\export");\n this.space();\n this.token("\\=");\n this.space();\n this.print(node.expression, node);\n
this.token("\\;");\n}\n\nfunction TS_NAMESPACE_EXPORT_DECLARATION(node) {\n this.word("\\export");\n this.space();\n
this.word("\\as");\n this.space();\n this.word("\\namespace");\n this.space();\n this.print(node.id,
node);\n}\n\nfunction tsPrintSignatureDeclarationBase(node) {\n const {\n typeParameters,\n parameters\n } =
node;\n this.print(typeParameters, node);\n this.token("\\(");\n\n this._parameters(parameters, node);\n\n
this.token("\\)");\n this.print(node.typeAnnotation, node);\n}\n\nfunction tsPrintClassMemberModifiers(node,
isField) {\n if (isField && node.declare) {\n this.word("\\declare");\n this.space();\n }\n\n if
(node.accessibility) {\n this.word(node.accessibility);\n this.space();\n }\n\n if (node.static) {\n
this.word("\\static");\n this.space();\n }\n\n if (node.abstract) {\n this.word("\\abstract");\n this.space();\n
}\n\n if (isField && node.readonly) {\n this.word("\\readonly");\n this.space();\n }\n\n }, "use
strict";\n\nObject.defineProperty(exports, "\\__esModule", {\n value: true\n});\n\nexports.findParent =
findParent;\n\nexports.find = find;\n\nexports.getFunctionParent = getFunctionParent;\n\nexports.getStatementParent =
getStatementParent;\n\nexports.getEarliestCommonAncestorFrom =
getEarliestCommonAncestorFrom;\n\nexports.getDeepestCommonAncestorFrom =
getDeepestCommonAncestorFrom;\n\nexports.getAncestry = getAncestry;\n\nexports.isAncestor =
isAncestor;\n\nexports.isDescendant = isDescendant;\n\nexports.inType = inType;\n\n\nvar t =
_interopRequireWildcard(require("@babel/types")); \n\nvar _index =
_interopRequireDefault(require("./index")); \n\nfunction _interopRequireDefault(obj) { return obj &&
obj.__esModule ? obj : { default: obj }; } \n\nfunction _getRequireWildcardCache() { if (typeof WeakMap !==
"function") return null; var cache = new WeakMap(); _getRequireWildcardCache = function () { return cache; };
return cache; } \n\nfunction _interopRequireWildcard(obj) { if (obj && obj.__esModule) { return obj; } if (obj ===
null || typeof obj !== "object" && typeof obj !== "function") { return { default: obj }; } var cache =
_getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var
hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; } \n\nfunction findParent(callback) {\n let path = this;\n\n while (path =
path.parentPath) {\n if (callback(path)) return path;\n }\n\n return null;\n}\n\nfunction find(callback) {\n let path
= this;\n\n do {\n if (callback(path)) return path;\n } while (path = path.parentPath);\n\n return

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null;\n}\n\nfunction getFunctionParent() {\n  return this.findParent(p => p.isFunction());\n}\n\nfunction
getStatementParent() {\n  let path = this;\n  do {\n    if (!path.parentPath || Array.isArray(path.container) &&
path.isStatement()) {\n      break;\n    } else {\n      path = path.parentPath;\n    } } while (path);\n  if (path &&
(path.isProgram() || path.isFile())) {\n    throw new Error("File/Program node, we can't possibly find a statement
parent to this");\n  }\n  return path;\n}\n\nfunction getEarliestCommonAncestorFrom(paths) {\n  return
this.getDeepestCommonAncestorFrom(paths, function (deepest, i, ancestries) {\n    let earliest;\n    const keys =
t.VISITOR_KEYS[deepest.type];\n    for (const ancestry of ancestries) {\n      const path = ancestry[i + 1];\n      if
(!earliest) {\n        earliest = path;\n        continue;\n      }\n      if (path.listKey && earliest.listKey ===
path.listKey) {\n        if (path.key < earliest.key) {\n          earliest = path;\n          continue;\n        }
}\n      }\n      const earliestKeyIndex = keys.indexOf(earliest.parentKey);\n      const currentKeyIndex =
keys.indexOf(path.parentKey);\n      if (earliestKeyIndex > currentKeyIndex) {\n        earliest = path;\n      }
}\n    }\n    return earliest;\n  });\n}\n\nfunction getDeepestCommonAncestorFrom(paths, filter) {\n  if (!paths.length)
{\n    return this;\n  }\n  if (paths.length === 1) {\n    return paths[0];\n  }\n  let minDepth = Infinity;\n  let
lastCommonIndex, lastCommon;\n  const ancestries = paths.map(path => {\n    const ancestry = [];\n    do {\n      ancestry.unshift(path);\n    } while ((path = path.parentPath) && path !== this);\n    if (ancestry.length <
minDepth) {\n      minDepth = ancestry.length;\n    }\n    return ancestry;\n  });\n  const first = ancestries[0];\n  depthLoop: for (let i = 0; i < minDepth; i++) {\n    const shouldMatch = first[i];\n    for (const ancestry of
ancestries) {\n      if (ancestry[i] !== shouldMatch) {\n        break depthLoop;\n      }\n    }\n    lastCommonIndex =
i;\n    lastCommon = shouldMatch;\n  }\n  if (lastCommon) {\n    if (filter) {\n      return filter(lastCommon,
lastCommonIndex, ancestries);\n    } else {\n      return lastCommon;\n    } } else {\n    throw new
Error("Couldn't find intersection");\n  }\n}\n\nfunction getAncestry() {\n  let path = this;\n  const paths = [];\n  do {\n    paths.push(path);\n  } while (path = path.parentPath);\n  return paths;\n}\n\nfunction
isAncestor(maybeDescendant) {\n  return maybeDescendant.isDescendant(this);\n}\n\nfunction
isDescendant(maybeAncestor) {\n  return !!this.findParent(parent => parent === maybeAncestor);\n}\n\nfunction
inType() {\n  let path = this;\n  while (path) {\n    for (const type of arguments) {\n      if (path.node.type === type)
return true;\n    }\n    path = path.parentPath;\n  }\n  return false;\n}, "use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nexports.getTypeAnnotation =
getTypeAnnotation;\n\nexports._getTypeAnnotation = _getTypeAnnotation;\n\nexports.isBaseType =
isBaseType;\n\nexports.couldBeBaseType = couldBeBaseType;\n\nexports.baseTypeStrictlyMatches =
baseTypeStrictlyMatches;\n\nexports.isGenericType = isGenericType;\n\nvar inferers =
_interopRequireWildcard(require("./inferers")); \n\nvar t =
_interopRequireWildcard(require("@babel/types")); \n\nfunction _getRequireWildcardCache() { if (typeof
WeakMap !== "function") return null; var cache = new WeakMap(); _getRequireWildcardCache = function () {
return cache; }; return cache; } \n\nfunction _interopRequireDefault(obj) { if (obj && obj.__esModule) {
return obj; } if (obj === null || typeof obj !== "object" && typeof obj !== "function") { return { default:
obj }; } var cache = _getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); } var
newObj = {}; var hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in
obj) { if (Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; } \n\nfunction getTypeAnnotation() {\n  if (this.typeAnnotation) return
this.typeAnnotation;\n  let type = this._getTypeAnnotation() || t.anyTypeAnnotation();\n  if
(t.isTypeAnnotation(type)) type = type.typeAnnotation;\n  return this.typeAnnotation = type;\n}\n\nfunction
_getTypeAnnotation() {\n  var _inferer;\n  const node = this.node;\n  if (!node) {\n    if (this.key === "init" &&
this.parentPath.isVariableDeclarator()) {\n      const declar = this.parentPath.parentPath;\n      const declarParent =
declar.parentPath;\n      if (declar.key === "left" && declarParent.isForInStatement()) {\n        return
t.stringTypeAnnotation();\n      }\n      if (declar.key === "left" && declarParent.isForOfStatement()) {\n
return t.anyTypeAnnotation();\n      }\n      return t.voidTypeAnnotation();\n    } else {\n      return;\n    } }\n  if

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(node.typeAnnotation) {\n  return node.typeAnnotation;\n }\n\n let inferer = inferers[node.type];\n\n if (inferer)
{\n  return inferer.call(this, node);\n }\n\n inferer = inferers[this.parentPath.type];\n\n if ((_inferer = inferer) ===
null ? void 0 : _inferer.validParent) {\n  return this.parentPath.getTypeAnnotation();\n }\n}\n\nfunction
isBaseType(baseName, soft) {\n  return _isBaseType(baseName, this.getTypeAnnotation(), soft);\n}\n\nfunction
_isBaseType(baseName, type, soft) {\n  if (baseName === \"string\") {\n  return t.isStringTypeAnnotation(type);\n
} else if (baseName === \"number\") {\n  return t.isNumberTypeAnnotation(type);\n } else if (baseName ===
\"boolean\") {\n  return t.isBooleanTypeAnnotation(type);\n } else if (baseName === \"any\") {\n  return
t.isAnyTypeAnnotation(type);\n } else if (baseName === \"mixed\") {\n  return t.isMixedTypeAnnotation(type);\n
} else if (baseName === \"empty\") {\n  return t.isEmptyTypeAnnotation(type);\n } else if (baseName ===
\"void\") {\n  return t.isVoidTypeAnnotation(type);\n } else {\n  if (soft) {\n  return false;\n } else {\n
throw new Error(`Unknown base type ${baseName}`);\n  }\n }\n}\n\nfunction couldBeBaseType(name) {\n  const
type = this.getTypeAnnotation();\n  if (t.isAnyTypeAnnotation(type)) return true;\n\n  if
(t.isUnionTypeAnnotation(type)) {\n  for (const type2 of type.types) {\n  if (t.isAnyTypeAnnotation(type2) ||
_isBaseType(name, type2, true)) {\n  return true;\n  }\n }\n}\n\n  return false;\n } else {\n  return
_isBaseType(name, type, true);\n }\n}\n\nfunction baseTypeStrictlyMatches(right) {\n  const left =
this.getTypeAnnotation();\n  right = right.getTypeAnnotation();\n\n  if (!t.isAnyTypeAnnotation(left) &&
t.isFlowBaseAnnotation(left)) {\n  return right.type === left.type;\n }\n}\n\nfunction
isGenericType(genericName) {\n  const type = this.getTypeAnnotation();\n  return t.isGenericTypeAnnotation(type)
&& t.isIdentifier(type.id, {\n  name: genericName\n });\n}\n\n,\"use strict\";\n\nObject.defineProperty(exports,
\"__esModule\", {\n  value: true\n});\n\nexports.VariableDeclarator =
VariableDeclarator;\n\nexports.TypeCastExpression = TypeCastExpression;\n\nexports.NewExpression =
NewExpression;\n\nexports.TemplateLiteral = TemplateLiteral;\n\nexports.UnaryExpression =
UnaryExpression;\n\nexports.BinaryExpression = BinaryExpression;\n\nexports.LogicalExpression =
LogicalExpression;\n\nexports.ConditionalExpression = ConditionalExpression;\n\nexports.SequenceExpression =
SequenceExpression;\n\nexports.ParenthesizedExpression =
ParenthesizedExpression;\n\nexports.AssignmentExpression = AssignmentExpression;\n\nexports.UpdateExpression =
UpdateExpression;\n\nexports.StringLiteral = StringLiteral;\n\nexports.NumericLiteral =
NumericLiteral;\n\nexports.BooleanLiteral = BooleanLiteral;\n\nexports.NullLiteral =
NullLiteral;\n\nexports.RegExpLiteral = RegExpLiteral;\n\nexports.ObjectExpression =
ObjectExpression;\n\nexports.ArrayExpression = ArrayExpression;\n\nexports.RestElement =
RestElement;\n\nexports.ClassDeclaration = exports.ClassExpression = exports.FunctionDeclaration =
exports.ArrowFunctionExpression = exports.FunctionExpression = Func;\n\nexports.CallExpression =
CallExpression;\n\nexports.TaggedTemplateExpression =
TaggedTemplateExpression;\n\nObject.defineProperty(exports, \"Identifier\", {\n  enumerable: true,\n  get: function ()
{\n  return _infererReference.default;\n }\n});\n\n\nvar t =
_interopRequireWildcard(require(\"@babel/types\"));\n\n\nvar _infererReference =
_interopRequireDefault(require(\"./inferer-reference\"));\n\n\nfunction _interopRequireDefault(obj) { return obj &&
obj.__esModule ? obj : { default: obj }; }\n\nfunction _getRequireWildcardCache() { if (typeof WeakMap !==
\"function\") return null; var cache = new WeakMap(); _getRequireWildcardCache = function () { return cache; };
return cache; }\n\nfunction _interopRequireWildcard(obj) { if (obj && obj.__esModule) { return obj; } if (obj ===
null || typeof obj !== \"object\" && typeof obj !== \"function\") { return { default: obj }; } var cache =
_getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var
hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }\n\nfunction VariableDeclarator() {\n  var _type;\n\n  const id =
this.get(\"id\");\n\n  if (!id.isIdentifier()) return;\n\n  const init = this.get(\"init\");\n\n  let type =

```

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init.getTypeAnnotation();\n\n if (((_type = type) == null ? void 0 : _type.type) === \"AnyTypeAnnotation\") {\n
if (init.isCallExpression() && init.get(\"callee\").isIdentifier({\n  name: \"Array\"\n }) &&
!init.scope.hasBinding(\"Array\", true)) {\n  type = ArrayExpression();\n  }\n\n return type;\n}\n\nfunction
TypeCastExpression(node) {\n return node.typeAnnotation;\n}\n\nTypeCastExpression.validParent =
true;\n\nfunction NewExpression(node) {\n if (this.get(\"callee\").isIdentifier()) {\n return
t.genericTypeAnnotation(node.callee);\n }\n}\n\nfunction TemplateLiteral() {\n return
t.stringTypeAnnotation();\n}\n\nfunction UnaryExpression(node) {\n const operator = node.operator;\n\n if
(operator === \"void\") {\n return t.voidTypeAnnotation();\n } else if
(t.NUMBER_UNARY_OPERATORS.indexOf(operator) >= 0) {\n return t.numberTypeAnnotation();\n } else if
(t.STRING_UNARY_OPERATORS.indexOf(operator) >= 0) {\n return t.stringTypeAnnotation();\n } else if
(t.BOOLEAN_UNARY_OPERATORS.indexOf(operator) >= 0) {\n return t.booleanTypeAnnotation();\n
}\n}\n\nfunction BinaryExpression(node) {\n const operator = node.operator;\n\n if
(t.NUMBER_BINARY_OPERATORS.indexOf(operator) >= 0) {\n return t.numberTypeAnnotation();\n } else if
(t.BOOLEAN_BINARY_OPERATORS.indexOf(operator) >= 0) {\n return t.booleanTypeAnnotation();\n } else
if (operator === \"+\") {\n const right = this.get(\"right\");\n const left = this.get(\"left\");\n\n if
(left.isBaseType(\"number\") && right.isBaseType(\"number\")) {\n return t.numberTypeAnnotation();\n } else
if (left.isBaseType(\"string\") || right.isBaseType(\"string\")) {\n return t.stringTypeAnnotation();\n }\n\n
return t.unionTypeAnnotation([t.stringTypeAnnotation(), t.numberTypeAnnotation()]);\n }\n}\n\nfunction
LogicalExpression() {\n const argumentTypes = [this.get(\"left\").getTypeAnnotation(),
this.get(\"right\").getTypeAnnotation()];\n\n if (t.isTSTypeAnnotation(argumentTypes[0]) &&
t.createTSUnionType) {\n return t.createTSUnionType(argumentTypes);\n }\n\n if (t.createFlowUnionType) {\n
return t.createFlowUnionType(argumentTypes);\n }\n\n return
t.createUnionTypeAnnotation(argumentTypes);\n}\n\nfunction ConditionalExpression() {\n const argumentTypes =
[this.get(\"consequent\").getTypeAnnotation(), this.get(\"alternate\").getTypeAnnotation()];\n\n if
(t.isTSTypeAnnotation(argumentTypes[0]) && t.createTSUnionType) {\n return
t.createTSUnionType(argumentTypes);\n }\n\n if (t.createFlowUnionType) {\n return
t.createFlowUnionType(argumentTypes);\n }\n\n return
t.createUnionTypeAnnotation(argumentTypes);\n}\n\nfunction SequenceExpression() {\n return
this.get(\"expressions\").pop().getTypeAnnotation();\n}\n\nfunction ParenthesizedExpression() {\n return
this.get(\"expression\").getTypeAnnotation();\n}\n\nfunction AssignmentExpression() {\n return
this.get(\"right\").getTypeAnnotation();\n}\n\nfunction UpdateExpression(node) {\n const operator =
node.operator;\n\n if (operator === \"++\" || operator === \"--\") {\n return t.numberTypeAnnotation();\n
}\n}\n\nfunction StringLiteral() {\n return t.stringTypeAnnotation();\n}\n\nfunction NumericLiteral() {\n return
t.numberTypeAnnotation();\n}\n\nfunction BooleanLiteral() {\n return t.booleanTypeAnnotation();\n}\n\nfunction
NullLiteral() {\n return t.nullLiteralTypeAnnotation();\n}\n\nfunction RegExpLiteral() {\n return
t.genericTypeAnnotation(t.identifier(\"RegExp\"));\n}\n\nfunction ObjectExpression() {\n return
t.genericTypeAnnotation(t.identifier(\"Object\"));\n}\n\nfunction ArrayExpression() {\n return
t.genericTypeAnnotation(t.identifier(\"Array\"));\n}\n\nfunction RestElement() {\n return
ArrayExpression();\n}\n\nRestElement.validParent = true;\n\nfunction Func() {\n return
t.genericTypeAnnotation(t.identifier(\"Function\"));\n}\n\nconst isArrayFrom =
t.buildMatchMemberExpression(\"Array.from\");\nconst isObjectKeys =
t.buildMatchMemberExpression(\"Object.keys\");\nconst isObjectValues =
t.buildMatchMemberExpression(\"Object.values\");\nconst isObjectEntries =
t.buildMatchMemberExpression(\"Object.entries\");\n\nfunction CallExpression() {\n const {\n  callee\n } =
this.node;\n\n if (isObjectKeys(callee)) {\n return t.arrayTypeAnnotation(t.stringTypeAnnotation());\n } else if
(isArrayFrom(callee) || isObjectValues(callee)) {\n return t.arrayTypeAnnotation(t.anyTypeAnnotation());\n }
else if (isObjectEntries(callee)) {\n return
t.arrayTypeAnnotation(t.tupleTypeAnnotation([t.stringTypeAnnotation(), t.anyTypeAnnotation()]);\n }\n\n return

```

```

resolveCall(this.get("callee"));
}
}
function TaggedTemplateExpression() {
  return
  resolveCall(this.get("tag"));
}
function resolveCall(callee) {
  callee = callee.resolve();
  if (callee.isFunction()) {
    if (callee.is("async")) {
      if (callee.is("generator")) {
        return
        t.genericTypeAnnotation(t.identifier("AsyncIterator"));
      } else {
        return
        t.genericTypeAnnotation(t.identifier("Promise"));
      }
    } else {
      if (callee.node.returnType) {
        return callee.node.returnType;
      } else {
        ""use strict";
        Object.defineProperty(exports,
        "__esModule", {
          value: true
        });
        exports.default = _default;
        var t =
        _interopRequireWildcard(require("@babel/types"));
        function _getRequireWildcardCache() {
          if (typeof
          WeakMap !== "function") return null;
          var cache = new WeakMap();
          _getRequireWildcardCache = function () {
            return cache;
          };
          return cache;
        }
        function _interopRequireWildcard(obj) {
          if (obj && obj.__esModule) {
            return
            obj;
          } if (obj === null || typeof obj !== "object" &&
          typeof obj !== "function") {
            return {
              default: obj
            };
          } var
          cache = _getRequireWildcardCache();
          if (cache && cache.has(obj)) {
            return cache.get(obj);
          } var newObj = {};
          var
          hasPropertyDescriptor = Object.defineProperty &&
          Object.getOwnPropertyDescriptor;
          for (var key in obj) {
            if (Object.prototype.hasOwnProperty.call(obj, key)) {
              var desc = hasPropertyDescriptor ?
              Object.getOwnPropertyDescriptor(obj, key) : null;
              if (desc && (desc.get || desc.set)) {
                Object.defineProperty(newObj, key, desc);
              } else {
                newObj[key] = obj[key];
              }
            }
          }
          newObj.default = obj;
          if (cache) {
            cache.set(obj, newObj);
          }
          return newObj;
        }
        function _default(node) {
          if (!this.isReferenced()) return;
          const
          binding = this.scope.getBinding(node.name);
          if (binding) {
            if (binding.identifier.typeAnnotation) {
              return binding.identifier.typeAnnotation;
            } else {
              return
              getTypeAnnotationBindingConstantViolations(binding,
              this, node.name);
            }
          }
          if (node.name ===
          "undefined") {
            return t.voidTypeAnnotation();
          } else if (node.name === "NaN" || node.name ===
          "Infinity") {
            return t.numberTypeAnnotation();
          } else if (node.name === "arguments") {
            }
          }
          function
          getTypeAnnotationBindingConstantViolations(binding, path,
          name) {
            const types = [];
            const
            functionConstantViolations = [];
            let constantViolations =
            getConstantViolationsBefore(binding, path,
            functionConstantViolations);
            const testType =
            getConditionalAnnotation(binding, path, name);
            if (testType) {
              const testConstantViolations =
              getConstantViolationsBefore(binding, testType.ifStatement);
              constantViolations =
              constantViolations.filter(path => testConstantViolations.indexOf(path) < 0);
              types.push(testType.typeAnnotation);
            }
            if (constantViolations.length) {
              constantViolations =
              constantViolations.concat(functionConstantViolations);
              for (const violation of constantViolations) {
                types.push(violation.getTypeAnnotation());
              }
            }
            if (!types.length) {
              return;
            }
            if (t.isTSTypeAnnotation(types[0]) && t.createTSUnionType) {
              return t.createTSUnionType(types);
            }
            if (t.createFlowUnionType) {
              return t.createFlowUnionType(types);
            }
            return
            t.createUnionTypeAnnotation(types);
          }
          function
          getConstantViolationsBefore(binding, path, functions) {
            const violations =
            binding.constantViolations.slice();
            violations.unshift(binding.path);
            return
            violations.filter(violation => {
              violation = violation.resolve();
              const status =
              violation._guessExecutionStatusRelativeTo(path);
              if (functions && status === "unknown") {
                functions.push(violation);
              }
              return status === "before";
            });
          }
          function
          inferAnnotationFromBinaryExpression(name, path) {
            const operator = path.node.operator;
            const right =
            path.get("right").resolve();
            const left = path.get("left").resolve();
            let target;
            if (left.isIdentifier({
              name
            })) {
              target = right;
            } else if (right.isIdentifier({
              name
            })) {
              target = left;
            }
            if (target) {
              if (operator === "===") {
                return target.getTypeAnnotation();
              }
              if (t.BOOLEAN_NUMBER_BINARY_OPERATORS.indexOf(operator) >= 0) {
                return
                t.numberTypeAnnotation();
              }
              return;
            }
            if (operator !== "===" && operator !== "===") return;
            let typeofPath;
            let typePath;
            if (left.isUnaryExpression({
              operator: "typeof"
            })) {
              typeofPath =
              left;
              typePath = right;
            } else if (right.isUnaryExpression({
              operator: "typeof"
            })) {
              typeofPath =
              right;
              typePath = left;
            }
            if (!typeofPath) return;
            if (!typeofPath.get("argument").isIdentifier({
              name
            })) return;
            typePath =
            typePath.resolve();
            if (!typePath.isLiteral()) return;
            const typeValue =
            typePath.node.value;
            if (typeof typeValue !== "string") return;
            return

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t.createTypeAnnotationBasedOnTypeof(typeValue);\n}\n\nfunction getParentConditionalPath(binding, path, name)
{\n let parentPath;\n\n while (parentPath = path.parentPath) {\n if (parentPath.isIfStatement() ||
parentPath.isConditionalExpression()) {\n if (path.key === \"test\") {\n return;\n }\n\n return
parentPath;\n }\n\n if (parentPath.isFunction()) {\n if (parentPath.parentPath.scope.getBinding(name) !==
binding) return;\n }\n\n path = parentPath;\n }\n}\n\nfunction getConditionalAnnotation(binding, path, name)
{\n const ifStatement = getParentConditionalPath(binding, path, name);\n if (!ifStatement) return;\n const test =
ifStatement.get(\"test\");\n const paths = [test];\n const types = [];\n\n for (let i = 0; i < paths.length; i++) {\n
const path = paths[i];\n if (path.isLogicalExpression()) {\n if (path.node.operator === \"&&\") {\n
paths.push(path.get(\"left\"));\n paths.push(path.get(\"right\"));\n }\n } else if (path.isBinaryExpression())
{\n const type = inferAnnotationFromBinaryExpression(name, path);\n if (type) types.push(type);\n }\n
}\n\n if (types.length) {\n if (t.isTSTypeAnnotation(types[0]) && t.createTSUnionType) {\n return {\n
typeAnnotation: t.createTSUnionType(types),\n ifStatement\n }; }\n\n if (t.createFlowUnionType) {\n
return {\n typeAnnotation: t.createFlowUnionType(types),\n ifStatement\n }; }\n\n return {\n
typeAnnotation: t.createUnionTypeAnnotation(types),\n ifStatement\n }; }\n}\n\n return
getConditionalAnnotation(ifStatement, name);\n}","use strict";\n\nObject.defineProperty(exports,
\"__esModule\", {\n value: true\n});\n\nexports.replaceWithMultiple =
replaceWithMultiple;\n\nexports.replaceWithSourceString = replaceWithSourceString;\n\nexports.replaceWith =
replaceWith;\n\nexports._replaceWith = _replaceWith;\n\nexports.replaceExpressionWithStatements =
replaceExpressionWithStatements;\n\nexports.replaceInline = replaceInline;\n\n\nvar _codeFrame =
require(\"@babel/code-frame\");\n\nvar _interopRequireDefault = require(\"../index\");\n\nvar _index2 =
_interopRequireDefault(require(\"../index\"));\n\nvar _parser = require(\"@babel/parser\");\n\nvar t =
_interopRequireWildcard(require(\"@babel/types\"));\n\nfunction _getRequireWildcardCache() { if (typeof
WeakMap !== \"function\") return null; var cache = new WeakMap(); _getRequireWildcardCache = function () {
return cache; }; return cache; }\n\nfunction _interopRequireWildcard(obj) { if (obj && obj.__esModule) { return
obj; } if (obj === null || typeof obj !== \"object\" && typeof obj !== \"function\") { return { default: obj }; } var
cache = _getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var
hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }\n\nfunction _interopRequireDefault(obj) { return obj &&
obj.__esModule ? obj : { default: obj }; }\n\nconst hoistVariablesVisitor = {\n Function(path) {\n path.skip();\n
},\n\n VariableDeclaration(path) {\n if (path.node.kind !== \"var\") return;\n const bindings =
path.getBindingIdentifiers();\n\n for (const key of Object.keys(bindings)) {\n path.scope.push({\n id:
bindings[key]\n });\n }\n\n const exprs = [];\n\n for (const declar of path.node.declarations) {\n if
(declar.init) {\n exprs.push(t.expressionStatement(t.assignmentExpression(\"=\", declar.id, declar.init))); }\n
}\n\n path.replaceWithMultiple(exprs);\n }\n\n};\n\nfunction replaceWithMultiple(nodes) {\n
this.resync();\n nodes = this._verifyNodeList(nodes);\n t.inheritLeadingComments(nodes[0], this.node);\n
t.inheritTrailingComments(nodes[nodes.length - 1], this.node);\n this.node = this.container[this.key] = null;\n const
paths = this.insertAfter(nodes);\n\n if (this.node) {\n this.requeue();\n } else {\n this.remove();\n }\n\n return
paths;\n}\n\nfunction replaceWithSourceString(replacement) {\n this.resync();\n\n try {\n replacement =
`$${replacement}`;\n replacement = (0, _parser.parse)(replacement);\n } catch (err) {\n const loc = err.loc;\n\n
if (loc) {\n err.message += \" - make sure this is an expression.\\n\" + (0,
_codeFrame.codeFrameColumns)(replacement, {\n start: {\n line: loc.line,\n column: loc.column +
1\n }\n });\n err.code = \"BABEL_REPLACE_SOURCE_ERROR\";\n }\n\n throw err;\n }\n\n replacement =
replacement.program.body[0].expression;\n\n _index.default.removeProperties(replacement);\n\n return
this.replaceWith(replacement);\n}\n\nfunction replaceWith(replacement) {\n this.resync();\n\n if
(this.removed) {\n throw new Error(\"You can't replace this node, we've already removed it\");\n }\n\n if

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(replacement instanceof _index2.default) {\n  replacement = replacement.node;\n }\n\n if (!replacement) {\n
throw new Error("You passed `path.replaceWith()` a falsy node, use `path.remove()` instead");\n }\n\n if
(this.node === replacement) {\n  return [this];\n }\n\n if (this.isProgram() && !t.isProgram(replacement)) {\n
throw new Error("You can only replace a Program root node with another Program node");\n }\n\n if
(Array.isArray(replacement)) {\n  throw new Error("Don't use `path.replaceWith()` with an array of nodes, use
`path.replaceWithMultiple()`");\n }\n\n if (typeof replacement === "string") {\n  throw new Error("Don't use
`path.replaceWith()` with a source string, use `path.replaceWithSourceString()`");\n }\n\n let nodePath = "";
if (this.isNodeType("Statement") && t.isExpression(replacement)) {\n  if
(!this.canHaveVariableDeclarationOrExpression() &&
!this.canSwapBetweenExpressionAndStatement(replacement) && !this.parentPath.isExportDefaultDeclaration())
{\n  replacement = t.expressionStatement(replacement);\n  nodePath = "expression";\n }\n }\n\n if
(this.isNodeType("Expression") && t.isStatement(replacement)) {\n  if
(!this.canHaveVariableDeclarationOrExpression() &&
!this.canSwapBetweenExpressionAndStatement(replacement)) {\n  return
this.replaceExpressionWithStatements([replacement]);\n }\n }\n\n const oldNode = this.node;\n\n if (oldNode)
{\n  t.inheritsComments(replacement, oldNode);\n  t.removeComments(oldNode);\n }\n\n
this._replaceWith(replacement);\n\n this.type = replacement.type;\n this.setScope();\n this.requeue();\n return
[nodePath ? this.get(nodePath) : this];\n }\n\nfunction _replaceWith(node) {\n if (!this.container) {\n throw new
ReferenceError("Container is falsy");\n }\n\n if (this.inList) {\n  t.validate(this.parent, this.key, [node]);\n } else
{\n  t.validate(this.parent, this.key, node);\n }\n\n this.debug("Replace with ${node == null ? void 0 :
node.type}");\n this.node = this.container[this.key] = node;\n }\n\nfunction
replaceExpressionWithStatements(nodes) {\n this.resync();\n const toSequenceExpression =
t.toSequenceExpression(nodes, this.scope);\n\n if (toSequenceExpression) {\n  return
this.replaceWith(toSequenceExpression)[0].get("expressions");\n }\n\n const functionParent =
this.getFunctionParent();\n const isParentAsync = functionParent == null ? void 0 : functionParent.is("async");\n
const container = t.arrowFunctionExpression([], t.blockStatement(nodes));\n
this.replaceWith(t.callExpression(container, []));\n this.traverse(hoistVariablesVisitor);\n const completionRecords
= this.get("callee").getCompletionRecords();\n\n for (const path of completionRecords) {\n  if
(!path.isExpressionStatement()) continue;\n  const loop = path.findParent(path => path.isLoop());\n\n  if (loop)
{\n  let uid = loop.getData("expressionReplacementReturnUid");\n  if (!uid) {\n  const callee =
this.get("callee");\n  uid = callee.scope.generateDeclaredUidIdentifier("ret");\n
callee.get("body").pushContainer("body", t.returnStatement(t.cloneNode(uid)));
loop.setData("expressionReplacementReturnUid", uid);\n  } else {\n  uid = t.identifier(uid.name);\n  }\n\n
path.get("expression").replaceWith(t.assignmentExpression("=", t.cloneNode(uid), path.node.expression));\n
} else {\n  path.replaceWith(t.returnStatement(path.node.expression));\n }\n }\n\n const callee =
this.get("callee");\n callee.arrowFunctionToExpression();\n\n if (isParentAsync &&
_index.default.hasType(this.get("callee.body").node, "AwaitExpression", t.FUNCTION_TYPES)) {\n
callee.set("async", true);\n this.replaceWith(t.awaitExpression(this.node));\n }\n\n return
callee.get("body.body");\n }\n\nfunction replaceInline(nodes) {\n this.resync();\n\n if (Array.isArray(nodes)) {\n
if (Array.isArray(this.container)) {\n  nodes = this._verifyNodeList(nodes);\n\n  const paths =
this._containerInsertAfter(nodes);\n\n  this.remove();\n  return paths;\n } else {\n  return
this.replaceWithMultiple(nodes);\n }\n }\n } else {\n  return this.replaceWith(nodes);\n }\n }\n\n"\"use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nexports.shouldHighlight =
shouldHighlight;\n\nexports.getChalk = getChalk;\n\nexports.default = highlight;\n\nvar _helperValidatorIdentifier =
require("@babel/helper-validator-identifier");\n\nconst jsTokens = require("js-tokens");\n\nconst Chalk =
require("chalk");\n\nconst sometimesKeywords = new Set(["as", "async", "from", "get", "of",
"set"]);
function getDefs(chalk) {\n return {\n keyword: chalk.cyan,\n capitalized: chalk.yellow,\n
jsxIdentifier: chalk.yellow,\n punctuator: chalk.yellow,\n number: chalk.magenta,\n string: chalk.green,\n

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regex: chalk.magenta,\n  comment: chalk.grey,\n  invalid: chalk.white.bgRed.bold\n  };\n\nconst NEWLINE =
  /\r\n|[\n\r\u2028\u2029];\nconst BRACKET = /^[(){}]$|;/;\nlet tokenize;\n\nconst JSX_TAG = /^[a-z][\w-
]*$/i;\n\nconst getTokenType = function (token, offset, text) {\n  if (token.type === "name") {\n    if ((0,
    _helperValidatorIdentifier.isKeyword)(token.value) || (0,
    _helperValidatorIdentifier.isStrictReservedWord)(token.value, true) || sometimesKeywords.has(token.value)) {\n
return "keyword";\n  }\n  if (JSX_TAG.test(token.value) && (text[offset - 1] === "<" || text.substr(offset -
2, 2) === "<<")) {\n    return "jsxIdentifier";\n  }\n  if (token.value[0] !== token.value[0].toLowerCase())
{\n    return "capitalized";\n  }\n  if (token.type === "punctuator" && BRACKET.test(token.value))
{\n    return "bracket";\n  }\n  if (token.type === "invalid" && (token.value === "@" || token.value ===
"#")) {\n    return "punctuator";\n  }\n  return token.type;\n};\n\ntokenize = function* (text) {\n  let
match;\n  while (match = jsTokens.default.exec(text)) {\n    const token = jsTokens.matchToToken(match);\n
yield {\n    type: getTokenType(token, match.index, text),\n    value: token.value\n  };\n}\n\nfunction
highlightTokens(defs, text) {\n  let highlighted = "";\n  for (const { type, value } of
tokenize(text)) {\n    const colorize = defs[type];\n    if (colorize) {\n      highlighted +=
value.split(NEWLINE).map(str => colorize(str)).join("\\n");\n    } else {\n      highlighted += value;\n    }
}\n  return highlighted;\n}\n\nfunction shouldHighlight(options) {\n  return !!Chalk.supportsColor ||
options.forceColor;\n}\n\nfunction getChalk(options) {\n  return options.forceColor ? new Chalk.constructor({\n
enabled: true,\n  level: 1\n }): Chalk;\n}\n\nfunction highlight(code, options = {}) {\n  if
(shouldHighlight(options)) {\n    const chalk = getChalk(options);\n    const defs = getDefs(chalk);\n    return
highlightTokens(defs, code);\n  } else {\n    return code;\n  }\n},"// Copyright 2014, 2015, 2016, 2017, 2018 Simon
Lydell\n// License: MIT. (See LICENSE.)\n\nObject.defineProperty(exports, "__esModule", {\n  value:
true\n});\n\n// This regex comes from regex.coffee, and is inserted here by generate-index.js\n\n(run `npm run
build`).\nexports.default =
/(([""])(?:(?!\2|\\\d).|\\\d(?:\r\n|[\s\S]))*(\2)?(?:[^\s$]|\s(?:\s|\\(?:\s|["'{}()*~.:~:|\/(){}[\]|\s+)|\s*(?:\b[\u0
080-\uFFFF$\\"]~(?:[+|-|!]=)|\.\d)|[gmlyus]{1,6})\b(?:[\u0080-\uFFFF$\\"]\s*(?:[+|-
*%&|^<>!=|{|\}|\(|\)|\s*))|(0[xX][\da-fA-F]+|0[oO][0-7]+|0[bB][01]+|(?!\d*\.\d+|\d+\.)(?:[eE][+
-]?\d+)?)(?![\d](?:\s|$)|[\w\u0080-\uFFFF])|u[\da-fA-F]{4}|u{[\da-fA-F]+\})+)(--
|+|+|&|\\\|/=>|.){3}(?:[+|-
\\%&^\\]|*{1,2}<{1,2}>{1,3}|!=|=|{1,2})=?[?~.,:;|\\]{}|(\s+)|(^$|[\s\S])/g\n\nexports.matchToToken =
function(match) {\n  var token = { type: "invalid", value: match[0], closed: undefined }\n  if (match[ 1])
token.type = "string" , token.closed = !(match[3] || match[4])\n  else if (match[ 5]) token.type = "comment"\n
else if (match[ 6]) token.type = "comment", token.closed = !match[7]\n  else if (match[ 8]) token.type =
"regex"\n  else if (match[ 9]) token.type = "number"\n  else if (match[10]) token.type = "name"\n  else if
(match[11]) token.type = "punctuator"\n  else if (match[12]) token.type = "whitespace"\n  return token\n}\n\n","use
strict";\nconst escapeStringRegex = require('escape-string-regexp');\nconst ansiStyles = require('ansi-styles');\nconst
stdoutColor = require('supports-color').stdout;\n\nconst template = require('./templates.js');\n\nconst
isSimpleWindowsTerm = process.platform === 'win32' && !(process.env.TERM ||
).toLowerCase().startsWith('xterm');\n\n`supportsColor.level` `ansiStyles.color[name]` mapping\n\nconst
levelMapping = ['ansi', 'ansi', 'ansi256', 'ansi16m'];\n\n`color-convert` models to exclude from the Chalk API due
to conflicts and such\n\nconst skipModels = new Set(['gray']);\n\nconst styles = Object.create(null);\n\nfunction
applyOptions(obj, options) {\n  let toptions = options || {};\n  // Detect level if not set manually\n  const scLevel =
stdoutColor ? stdoutColor.level : 0;\n  let obj.level = options.level === undefined ? scLevel :
options.level;\n  let obj.enabled = 'enabled' in options ? options.enabled : obj.level > 0;\n}\n\nfunction
Chalk(options)
{\n  // We check for this.template here since calling `chalk.constructor()`\n  // by itself will have a `this` of a
previously constructed chalk object\n  if (!this || !(this instanceof Chalk) || this.template) {\n    const chalk =
{};\n    applyOptions(chalk, options);\n    chalk.template = function () {\n      const args =
[].slice.call(arguments);\n      return chalkTag.apply(null,

```


152],\r\n\t"paleturquoise\":[175, 238, 238],\r\n\t"palevioletred\":[219, 112, 147],\r\n\t"papayawhip\":[255, 239, 213],\r\n\t"peachpuff\":[255, 218, 185],\r\n\t"peru\":[205, 133, 63],\r\n\t"pink\":[255, 192, 203],\r\n\t"plum\":[221, 160, 221],\r\n\t"powderblue\":[176, 224, 230],\r\n\t"purple\":[128, 0, 128],\r\n\t"rebeccapurple\":[102, 51, 153],\r\n\t"red\":[255, 0, 0],\r\n\t"rosybrown\":[188, 143, 143],\r\n\t"royalblue\":[65, 105, 225],\r\n\t"saddlebrown\":[139, 69, 19],\r\n\t"salmon\":[250, 128, 114],\r\n\t"sandybrown\":[244, 164, 96],\r\n\t"seagreen\":[46, 139, 87],\r\n\t"seashell\":[255, 245, 238],\r\n\t"sienna\":[160, 82, 45],\r\n\t"silver\":[192, 192, 192],\r\n\t"skyblue\":[135, 206, 235],\r\n\t"slateblue\":[106, 90, 205],\r\n\t"slategray\":[112, 128, 144],\r\n\t"slategrey\":[112, 128, 144],\r\n\t"snow\":[255, 250, 250],\r\n\t"springgreen\":[0, 255, 127],\r\n\t"steelblue\":[70, 130, 180],\r\n\t"tan\":[210, 180, 140],\r\n\t"teal\":[0, 128, 128],\r\n\t"thistle\":[216, 191, 216],\r\n\t"tomato\":[255, 99, 71],\r\n\t"turquoise\":[64, 224, 208],\r\n\t"violet\":[238, 130, 238],\r\n\t"wheat\":[245, 222, 179],\r\n\t"white\":[255, 255, 255],\r\n\t"whitesmoke\":[245, 245, 245],\r\n\t"yellow\":[255, 255, 0],\r\n\t"yellowgreen\":[154, 205, 50]\r\n};\r\n", "var conversions = require('./conversions');\n\n/*\n\tthis function routes a model to all other models.\n\tall functions that are routed have a property `.conversion` attached\n\tto the returned synthetic function. This property is an array\n\tof strings, each with the steps in between the 'from' and 'to'\n\tcolor models (inclusive).\n\tconversions that are not possible simply are not included.\n*/\nfunction buildGraph() {\n\tvar graph = {};\n\t// https://jsperf.com/object-keys-vs-for-in-with-closure/3\n\tvar models = Object.keys(conversions);\n\tfor (var len = models.length, i = 0; i < len; i++) {\n\t\tgraph[models[i]] = {\n\t\t\t// http://jsperf.com/1-vs-infinity\n\t\t\t// micro-opt, but this is simple.\n\t\t\tdistance: -1,\n\t\t\tparent: null,\n\t\t};\n\t}\n\treturn graph;\n}\n\n// https://en.wikipedia.org/wiki/Breadth-first_search\nfunction deriveBFS(fromModel) {\n\tvar graph = buildGraph();\n\tvar queue = [fromModel]; // unshift -> queue -> pop\n\tgraph[fromModel].distance = 0;\n\twhile (queue.length) {\n\t\tvar current = queue.pop();\n\t\tvar adjacents = Object.keys(conversions[current]);\n\t\tfor (var len = adjacents.length, i = 0; i < len; i++) {\n\t\t\tvar adjacent = adjacents[i];\n\t\t\tvar node = graph[adjacent];\n\t\t\tif (node.distance === -1) {\n\t\t\t\tnode.distance = graph[current].distance + 1;\n\t\t\t\tnode.parent = current;\n\t\t\t\tqueue.unshift(adjacent);\n\t\t\t}\n\t\t}\n\t}\n\treturn graph;\n}\n\nfunction link(from, to) {\n\treturn function (args) {\n\t\treturn to(from(args));\n\t};\n}\n\nfunction wrapConversion(toModel, graph) {\n\tvar path = [graph[toModel].parent, toModel];\n\tvar fn = conversions[graph[toModel].parent][toModel];\n\tvar cur = graph[toModel].parent;\n\twhile (graph[cur].parent) {\n\t\tpath.unshift(graph[cur].parent);\n\t\tfn = link(conversions[graph[cur].parent][cur], fn);\n\t\tcur = graph[cur].parent;\n\t}\n\tfn.conversion = path;\n\treturn fn;\n}\n\nmodule.exports = function (fromModel) {\n\tvar graph = deriveBFS(fromModel);\n\tvar conversion = {};\n\tvar models = Object.keys(graph);\n\tfor (var len = models.length, i = 0; i < len; i++) {\n\t\tvar toModel = models[i];\n\t\tvar node = graph[toModel];\n\t\tif (node.parent === null) {\n\t\t\t// no possible conversion, or this node is the source model.\n\t\t\tcontinue;\n\t\t}\n\t\tconversion[toModel] = wrapConversion(toModel, graph);\n\t}\n\treturn conversion;\n};\n", "use strict";\nconst os = require('os');\nconst hasFlag = require('has-flag');\nconst env = process.env;\nlet forceColor;\nif (hasFlag('no-color') || hasFlag('no-colors') || hasFlag('color=false')) {\n\tforceColor = false;\n} else if (hasFlag('color') || hasFlag('colors') || hasFlag('color=true') || hasFlag('color=always')) {\n\tforceColor = true;\n} else if ('FORCE_COLOR' in env) {\n\tforceColor = env.FORCE_COLOR.length === 0 || parseInt(env.FORCE_COLOR, 10) !== 0;\n}\n\nfunction translateLevel(level) {\n\tif (level === 0) {\n\t\treturn false;\n\t}\n\treturn {\n\t\tlevel,\n\t\thasBasic: true,\n\t\thas256: level >= 2,\n\t\thas16m: level >= 3\n\t};\n}\n\nfunction supportsColor(stream) {\n\tif (forceColor === false) {\n\t\treturn 0;\n\t}\n\tif (hasFlag('color=16m') || hasFlag('color=full')) {\n\t\treturn 3;\n\t}\n\tif (hasFlag('color=256')) {\n\t\treturn 2;\n\t}\n\tif (stream && !stream.isTTY && forceColor !== true) {\n\t\treturn 0;\n\t}\n\tconst min = forceColor ? 1 : 0;\n\tif (process.platform === 'win32') {\n\t\t// Node.js 7.5.0 is the first version of Node.js to include a patch to\n\t\t// libuv that enables 256 color output on Windows. Anything earlier and it\n\t\t// won't work. However, here we target Node.js 8 at minimum as it is an LTS\n\t\t// release, and Node.js 7 is not. Windows 10 build 10586 is the first\n\t\t// Windows release that supports 256 colors. Windows 10 build 14931 is the first\n\t\t// release that supports 16m/TrueColor.\n\t\tconst osRelease = os.release().split('.');\n\t\tif (\n\t\t\tNumber(process.versions.node.split('.')[0]) >= 8\n\t\t\t&& (Number(osRelease[0]) >= 10 || (\n\t\t\t\tNumber(osRelease[0]) === 10\n\t\t\t\t&& Number(osRelease[2]) >= 14931\n\t\t\t))) {\n\t\t\treturn min + 1;\n\t\t}\n\t}\n\treturn min;\n}


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chunks.join(");\n};\n", "\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\nexports.evaluateTruthy = evaluateTruthy;\nexports.evaluate = evaluate;\nconst VALID_CALLEES =
[\"String\", \"Number\", \"Math\"];\nconst INVALID_METHODS = [\"random\"];\n\nfunction evaluateTruthy() {\n
const res = this.evaluate();\n if (res.confident) return !!res.value;\n}\n\nfunction deopt(path, state) {\n if
(!state.confident) return;\n state.deoptPath = path;\n state.confident = false;\n}\n\nfunction evaluateCached(path,
state) {\n const {\n node\n } = path;\n const {\n seen\n } = state;\n\n if (seen.has(node)) {\n const existing =
seen.get(node);\n\n if (existing.resolved) {\n return existing.value;\n } else {\n deopt(path, state);\n
return;\n }\n } else {\n const item = {\n resolved: false\n }; seen.set(node, item);\n\n const val =
_evaluate(path, state);\n\n if (state.confident) {\n item.resolved = true;\n item.value = val;\n }\n\n return
val;\n }\n}\n\nfunction _evaluate(path, state) {\n if (!state.confident) return;\n const {\n node\n } = path;\n\n if
(path.isSequenceExpression()) {\n const exprs = path.get(\"expressions\");\n return
evaluateCached(exprs[exprs.length - 1], state);\n }\n\n if (path.isStringLiteral() || path.isNumericLiteral() ||
path.isBooleanLiteral()) {\n return node.value;\n }\n\n if (path.isNullLiteral()) {\n return null;\n }\n\n if
(path.isTemplateLiteral()) {\n return evaluateQuasis(path, node.quasis, state);\n }\n\n if
(path.isTaggedTemplateExpression() && path.get(\"tag\").isMemberExpression()) {\n const object =
path.get(\"tag.object\");\n const {\n node: {\n name\n } } = object;\n const property =
path.get(\"tag.property\");\n\n if (object.isIdentifier() && name === \"String\" && !path.scope.getBinding(name,
true) && property.isIdentifier() && property.node.name === \"raw\") {\n return evaluateQuasis(path,
node.quasi.quasis, state, true);\n }\n }\n\n if (path.isConditionalExpression()) {\n const testResult =
evaluateCached(path.get(\"test\"), state);\n\n if (!state.confident) return;\n\n if (testResult) {\n return
evaluateCached(path.get(\"consequent\"), state);\n } else {\n return evaluateCached(path.get(\"alternate\"),
state);\n }\n }\n\n if (path.isExpressionWrapper()) {\n return evaluateCached(path.get(\"expression\"), state);\n
}\n\n if (path.isMemberExpression() && !path.parentPath.isCallExpression({\n callee: node\n })) {\n const
property = path.get(\"property\");\n const object = path.get(\"object\");\n\n if (object.isLiteral() &&
property.isIdentifier()) {\n const value = object.node.value;\n const type = typeof value;\n\n if (type ===
\"number\" || type === \"string\") {\n return value[property.node.name];\n }\n }\n }\n\n if
(path.isReferencedIdentifier()) {\n const binding = path.scope.getBinding(node.name);\n\n if (binding &&
binding.constantViolations.length > 0) {\n return deopt(binding.path, state);\n }\n\n if (binding &&
path.node.start < binding.path.node.end) {\n return deopt(binding.path, state);\n }\n\n if (binding == null ?
void 0 : binding.hasValue) {\n return binding.value;\n } else {\n if (node.name === \"undefined\") {\n
return binding ? deopt(binding.path, state) : undefined;\n } else if (node.name === \"Infinity\") {\n return
binding ? deopt(binding.path, state) : Infinity;\n } else if (node.name === \"NaN\") {\n return binding ?
deopt(binding.path, state) : NaN;\n }\n }\n\n const resolved = path.resolve();\n\n if (resolved === path) {\n
return deopt(path, state);\n } else {\n return evaluateCached(resolved, state);\n }\n }\n }\n\n if
(path.isUnaryExpression({\n prefix: true\n })) {\n if (node.operator === \"void\") {\n return undefined;\n
}\n\n const argument = path.get(\"argument\");\n\n if (node.operator === \"typeof\" && (argument.isFunction()
|| argument.isClass())) {\n return \"function\";\n }\n\n const arg = evaluateCached(argument, state);\n\n if
(!state.confident) return;\n\n switch (node.operator) {\n case \"!\":\n return !arg;\n\n case \"+\":\n
return +arg;\n\n case \"-\":\n return -arg;\n\n case \"~\":\n return ~arg;\n\n case \"typeof\":\n
return typeof arg;\n }\n }\n\n if (path.isArrayExpression()) {\n const arr = [];\n const elems =
path.get(\"elements\");\n\n for (const elem of elems) {\n const elemValue = elem.evaluate();\n\n if
(elemValue.confident) {\n arr.push(elemValue.value);\n } else {\n return deopt(elemValue.deopt,
state);\n }\n }\n\n return arr;\n }\n\n if (path.isObjectExpression()) {\n const obj = {};\n const props =
path.get(\"properties\");\n\n for (const prop of props) {\n if (prop.isObjectMethod() || prop.isSpreadElement())
{\n return deopt(prop, state);\n }\n\n const keyPath = prop.get(\"key\");\n let key = keyPath;\n\n if
(prop.node.computed) {\n key = key.evaluate();\n\n if (!key.confident) {\n return deopt(key.deopt,
state);\n }\n\n key = key.value;\n } else if (key.isIdentifier()) {\n key = key.node.name;\n } else
{\n key = key.node.value;\n }\n\n const valuePath = prop.get(\"value\");\n let value =

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valuePath.evaluate();\n    if (!value.confident) {\n        return deopt(value.deopt, state);\n    }\n\n    value = value.value;\n    obj[key] = value;\n    }\n\n    return obj;\n    }\n\n    if (path.isLogicalExpression()) {\n        const wasConfident = state.confident;\n        const left = evaluateCached(path.get("left"), state);\n        const leftConfident = state.confident;\n        state.confident = wasConfident;\n        const right = evaluateCached(path.get("right"), state);\n        const rightConfident = state.confident;\n\n        switch (node.operator) {\n            case "||":\n                state.confident = leftConfident && (!left || rightConfident);\n                if (!state.confident) return;\n                return left || right;\n\n            case "&&":\n                state.confident = leftConfident && (!left || rightConfident);\n                if (!state.confident) return;\n                return left && right;\n        }\n\n    }\n\n    if (path.isBinaryExpression()) {\n        const left = evaluateCached(path.get("left"), state);\n        if (!state.confident) return;\n        const right = evaluateCached(path.get("right"), state);\n        if (!state.confident) return;\n\n        switch (node.operator) {\n            case "-":\n                return left - right;\n\n            case "+":\n                return left + right;\n\n            case "/":\n                return left / right;\n\n            case "*":\n                return left * right;\n\n            case "%":\n                return left % right;\n\n            case "**":\n                return Math.pow(left, right);\n\n            case "<":\n                return left < right;\n\n            case ">":\n                return left > right;\n\n            case "<=":\n                return left <= right;\n\n            case ">=":\n                return left >= right;\n\n            case "===":\n                return left === right;\n\n            case "!=":\n                return left !== right;\n\n            case "===":\n                return left === right;\n\n            case "!=":\n                return left !== right;\n\n            case "|":\n                return left | right;\n\n            case "&":\n                return left & right;\n\n            case "^":\n                return left ^ right;\n\n            case "<<":\n                return left << right;\n\n            case ">>":\n                return left >> right;\n\n            case ">>>":\n                return left >>> right;\n        }\n    }\n\n    if (path.isCallExpression()) {\n        const callee = path.get("callee");\n        let context;\n        let func;\n\n        if (callee.isIdentifier()) && !path.scope.getBinding(callee.node.name, true) && VALID_CALLEES.indexOf(callee.node.name) >= 0 {\n            func = global[node.callee.name];\n        }\n\n        if (callee.isMemberExpression()) {\n            const object = callee.get("object");\n            const property = callee.get("property");\n\n            if (object.isIdentifier()) && property.isIdentifier() && VALID_CALLEES.indexOf(object.node.name) >= 0 && INVALID_METHODS.indexOf(property.node.name) < 0 {\n                context = global[object.node.name];\n                func = context[property.node.name];\n            }\n\n            if (object.isLiteral() && property.isIdentifier()) {\n                const type = typeof object.node.value;\n\n                if (type === "string" || type === "number") {\n                    context = object.node.value;\n                    func = context[property.node.name];\n                }\n            }\n\n            if (func) {\n                const args = path.get("arguments").map(arg => evaluateCached(arg, state));\n                if (!state.confident) return;\n                return func.apply(context, args);\n            }\n        }\n\n        deopt(path, state);\n    }\n\n    function evaluateQuasis(path, quasis, state, raw = false) {\n        let str = "";\n        let i = 0;\n        const exprs = path.get("expressions");\n\n        for (const elem of quasis) {\n            if (!state.confident) break;\n            str += raw ? elem.value.raw : elem.value.cooked;\n            const expr = exprs[i++];\n            if (expr) str += String(evaluateCached(expr, state));\n        }\n\n        if (!state.confident) return;\n        return str;\n    }\n\n    function evaluate() {\n        const state = {\n            confident: true,\n            deoptPath: null,\n            seen: new Map()\n        };\n        let value = evaluateCached(this, state);\n        if (!state.confident) value = undefined;\n        return {\n            confident: state.confident,\n            deopt: state.deoptPath,\n            value: value\n        };\n    },\n    "use strict";\n\n    Object.defineProperty(exports, "__esModule", {\n        value: true\n    });\n\n    exports.toComputedKey = toComputedKey;\n    exports.ensureBlock = ensureBlock;\n    exports.arrowFunctionToShadowed = arrowFunctionToShadowed;\n    exports.unwrapFunctionEnvironment = unwrapFunctionEnvironment;\n    exports.arrowFunctionToExpression = arrowFunctionToExpression;\n\n    var t = _interopRequireWildcard(require("@babel/types")); \n    var _helperFunctionName = _interopRequireDefault(require("@babel/helper-function-name")); \n\n    function _interopRequireDefault(obj) {\n        return obj && obj.__esModule ? obj : { default: obj }; \n    }\n\n    function _getRequireWildcardCache() {\n        if (typeof WeakMap !== "function") return null;\n        var cache = new WeakMap();\n        _getRequireWildcardCache = function () {\n            return cache;\n        }; \n        return cache;\n    }\n\n    function _interopRequireWildcard(obj) {\n        if (obj && obj.__esModule) {\n            return obj;\n        }\n        if (obj === null || typeof obj !== "object" && typeof obj !== "function") {\n            return { default: obj }; \n        }\n        var cache = _getRequireWildcardCache();\n        if (cache && cache.has(obj)) {\n            return cache.get(obj);\n        }\n        var newObj = {};\n        var hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor;\n        for (var key in obj) {\n            if

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(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }
\n\nfunction toComputedKey() {
  const node = this.node;
  let key;
  if (this.isMemberExpression()) {
    key = node.property;
  } else if (this.isProperty() || this.isMethod()) {
    key = node.key;
  } else {
    throw new ReferenceError("todo");
  }
  if (!node.computed) {
    if (t.isIdentifier(key)) key = t.stringLiteral(key.name);
  }
  return key;
}
\n\nfunction ensureBlock() {
  const body = this.get("body");
  const bodyNode = body.node;
  if (Array.isArray(body)) {
    throw new Error("Can't convert array path to a block statement");
  }
  if (!bodyNode) {
    throw new Error("Can't convert node without a body");
  }
  if (body.isBlockStatement()) {
    return bodyNode;
  }
  const statements = [];
  let stringPath = "body";
  let key;
  let listKey;
  if (body.isStatement()) {
    listKey = "body";
    key = 0;
    statements.push(body.node);
  } else {
    stringPath += ".body.0";
    if (this.isFunction()) {
      key = "argument";
      statements.push(t.returnStatement(body.node));
    } else {
      key = "expression";
      statements.push(t.expressionStatement(body.node));
    }
  }
  this.node.body = t.blockStatement(statements);
  const parentPath = this.get(stringPath);
  body.setup(parentPath, listKey ? parentPath.node[listKey] : parentPath.node, listKey, key);
  return this.node;
}
\n\nfunction arrowFunctionToShadowed() {
  if (!this.isArrowFunctionExpression()) return;
  this.arrowFunctionToExpression();
}
\n\nfunction unwrapFunctionEnvironment() {
  (!this.isArrowFunctionExpression() && !this.isFunctionExpression() && !this.isFunctionDeclaration()) {
    throw this.buildCodeFrameError("Can only unwrap the environment of a function.");
  }
  hoistFunctionEnvironment(this);
}
\n\nfunction arrowFunctionToExpression({
  allowInsertArrow = true,
  specCompliant = false
} = {}) {
  if (!this.isArrowFunctionExpression()) {
    throw this.buildCodeFrameError("Cannot convert non-arrow function to a function expression.");
  }
  const thisBinding = hoistFunctionEnvironment(this, specCompliant, allowInsertArrow);
  this.ensureBlock();
  this.node.type = "FunctionExpression";
  if (specCompliant) {
    const checkBinding = thisBinding ? null : this.parentPath.scope.generateUidIdentifier("arrowCheckId");
    if (checkBinding) {
      this.parentPath.scope.push({
        id: checkBinding,
        init: t.objectExpression([])
      });
      this.get("body").unshiftContainer("body", t.expressionStatement(t.callExpression(this.hub.addHelper("newArrowCheck"), [t.thisExpression(), checkBinding ? t.identifier(checkBinding.name) : t.identifier(thisBinding)])));
    }
    this.replaceWith(t.callExpression(t.memberExpression((, _helperFunctionName.default)(this, true) || this.node, t.identifier("bind")), [checkBinding ? t.identifier(checkBinding.name) : t.thisExpression()]));
  }
}
\n\nfunction hoistFunctionEnvironment(fnPath, specCompliant = false, allowInsertArrow = true) {
  const thisEnvFn = fnPath.findParent(p => {
    return p.isFunction() && !p.isArrowFunctionExpression() || p.isProgram() || p.isClassProperty({
      static: false
    });
  });
  const inConstructor = (thisEnvFn == null ? void 0 : thisEnvFn.node.kind) === "constructor";
  if (thisEnvFn.isClassProperty()) {
    throw fnPath.buildCodeFrameError("Unable to transform arrow inside class property");
  }
  const {
    thisPaths,
    argumentsPaths,
    newTargetPaths,
    superProps,
    superCalls
  } = getScopeInformation(fnPath);
  if (inConstructor && superCalls.length > 0) {
    if (!allowInsertArrow) {
      throw superCalls[0].buildCodeFrameError("Unable to handle nested super() usage in arrow");
    }
    const allSuperCalls = [];
    thisEnvFn.traverse({
      Function(child) {
        if (child.isArrowFunctionExpression()) return;
        child.skip();
      },
      ClassProperty(child) {
        child.skip();
      },
      CallExpression(child) {
        if (!child.get("callee").isSuper()) return;
        allSuperCalls.push(child);
      }
    });
    const superBinding = getSuperBinding(thisEnvFn);
    allSuperCalls.forEach(superCall => {
      const callee = t.identifier(superBinding);
      callee.loc = superCall.node.callee.loc;
      superCall.get("callee").replaceWith(callee);
    });
  }
  if (argumentsPaths.length > 0) {
    const argumentsBinding = getBinding(thisEnvFn, "arguments", () => t.identifier("arguments"));
    argumentsPaths.forEach(argumentsChild => {
      const argsRef = t.identifier(argumentsBinding);
      argsRef.loc

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= argumentsChild.node.loc;\n  argumentsChild.replaceWith(argsRef);\n  });\n  }\n\n  if (newTargetPaths.length > 0) {\n    const newTargetBinding = getBinding(thisEnvFn, "newtarget", () =>
t.metaProperty(t.identifier("new"), t.identifier("target")));\n    newTargetPaths.forEach(targetChild => {\n
const targetRef = t.identifier(newTargetBinding);\n    targetRef.loc = targetChild.node.loc;\n
targetChild.replaceWith(targetRef);\n  });\n  }\n\n  if (superProps.length > 0) {\n    if (!allowInsertArrow) {\n
throw superProps[0].buildCodeFrameError("Unable to handle nested super.prop usage");\n    }\n\n    const
flatSuperProps = superProps.reduce((acc, superProp) => acc.concat(standardizeSuperProperty(superProp)), []);\n
flatSuperProps.forEach(superProp => {\n    const key = superProp.node.computed ? "" :
superProp.get("property").node.name;\n    const isAssignment =
superProp.parentPath.isAssignmentExpression({\n      left: superProp.node\n    });\n    const isCall =
superProp.parentPath.isCallExpression({\n      callee: superProp.node\n    });\n    const superBinding =
getSuperPropBinding(thisEnvFn, isAssignment, key);\n    const args = [];\n\n    if (superProp.node.computed) {\n
      args.push(superProp.get("property").node);\n    }\n\n    if (isAssignment) {\n      const value =
superProp.parentPath.node.right;\n      args.push(value);\n    }\n\n    const call =
t.callExpression(t.identifier(superBinding), args);\n\n    if (isCall) {\n
superProp.parentPath.unshiftContainer("arguments", t.thisExpression());\n
superProp.replaceWith(t.memberExpression(call, t.identifier("call")));\n
thisPaths.push(superProp.parentPath.get("arguments.0"));\n    } else if (isAssignment) {\n
superProp.parentPath.replaceWith(call);\n    } else {\n      superProp.replaceWith(call);\n    }\n  });\n\n  let
thisBinding;\n\n  if (thisPaths.length > 0 || specCompliant) {\n    thisBinding = getThisBinding(thisEnvFn,
inConstructor);\n\n    if (!specCompliant || inConstructor && hasSuperClass(thisEnvFn)) {\n
thisPaths.forEach(thisChild => {\n      const thisRef = thisChild.isJSX() ? t.jsxIdentifier(thisBinding) :
t.identifier(thisBinding);\n      thisRef.loc = thisChild.node.loc;\n      thisChild.replaceWith(thisRef);\n    });\n
if (specCompliant) thisBinding = null;\n  }\n\n  return thisBinding;\n\n}\n\nfunction
standardizeSuperProperty(superProp) {\n  if (superProp.parentPath.isAssignmentExpression() &&
superProp.parentPath.node.operator !== "=") {\n    const assignmentPath = superProp.parentPath;\n    const op =
assignmentPath.node.operator.slice(0, -1);\n    const value = assignmentPath.node.right;\n
assignmentPath.node.operator = "=";\n\n    if (superProp.node.computed) {\n      const tmp =
superProp.scope.generateDeclaredUidIdentifier("tmp");\n
assignmentPath.get("left").replaceWith(t.memberExpression(superProp.node.object, t.assignmentExpression("=",
tmp, superProp.node.property), true));\n      assignmentPath.get("right").replaceWith(t.binaryExpression(op,
t.memberExpression(superProp.node.object, t.identifier(tmp.name), true), value));\n    } else {\n
assignmentPath.get("left").replaceWith(t.memberExpression(superProp.node.object, superProp.node.property));\n
assignmentPath.get("right").replaceWith(t.binaryExpression(op, t.memberExpression(superProp.node.object,
t.identifier(superProp.node.property.name)), value));\n    }\n\n    return [assignmentPath.get("left"),
assignmentPath.get("right").get("left")];\n  } else if (superProp.parentPath.isUpdateExpression()) {\n    const
updateExpr = superProp.parentPath;\n    const tmp = superProp.scope.generateDeclaredUidIdentifier("tmp");\n
const computedKey = superProp.node.computed ? superProp.scope.generateDeclaredUidIdentifier("prop") : null;\n
const parts = [t.assignmentExpression("=", tmp, t.memberExpression(superProp.node.object, computedKey ?
t.assignmentExpression("=", computedKey, superProp.node.property) : superProp.node.property,
superProp.node.computed)), t.assignmentExpression("=", t.memberExpression(superProp.node.object,
computedKey ? t.identifier(computedKey.name) : superProp.node.property, superProp.node.computed),
t.binaryExpression("+", t.identifier(tmp.name), t.numericLiteral(1)));\n\n    if (!superProp.parentPath.node.prefix)
{\n      parts.push(t.identifier(tmp.name));\n    }\n\n    updateExpr.replaceWith(t.sequenceExpression(parts));\n
const left = updateExpr.get("expressions.0.right");\n    const right = updateExpr.get("expressions.1.left");\n
return [left, right];\n  }\n\n  return [superProp];\n}\n\nfunction hasSuperClass(thisEnvFn) {\n  return
thisEnvFn.isClassMethod() && !!thisEnvFn.parentPath.parentPath.node.superClass;\n}\n\nfunction
getThisBinding(thisEnvFn, inConstructor) {\n  return getBinding(thisEnvFn, "this", thisBinding => {\n    if

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(!inConstructor || !hasSuperClass(thisEnvFn)) return t.thisExpression();\n  const supers = new WeakSet();\n  thisEnvFn.traverse({\n    Function(child) {\n      if (child.isArrowFunctionExpression()) return;\n      child.skip();\n    },\n\n    ClassProperty(child) {\n      child.skip();\n    },\n\n    CallExpression(child) {\n      if (!child.get("callee").isSuper()) return;\n      if (supers.has(child.node)) return;\n      supers.add(child.node);\n      child.replaceWithMultiple([child.node, t.assignmentExpression("=", t.identifier(thisBinding),\n        t.identifier("this"))]);\n    }\n  });\n\n  function getSuperBinding(thisEnvFn) {\n    return\n    getBinding(thisEnvFn, "supercall", () => {\n      const argsBinding =\n        thisEnvFn.scope.generateUidIdentifier("args");\n      return\n        t.arrowFunctionExpression([t.restElement(argsBinding), t.callExpression(t.super(),\n          [t.spreadElement(t.identifier(argsBinding.name))]);\n        });\n    });\n\n    function getSuperPropBinding(thisEnvFn,\n      isAssignment, propName) {\n      const op = isAssignment ? "set" : "get";\n      return getBinding(thisEnvFn,\n        `superprop_${op}:${propName || ""}`, () => {\n          const argsList = [];\n          let fnBody;\n\n          if (propName) {\n            fnBody = t.memberExpression(t.super(), t.identifier(propName));\n          } else {\n            const method =\n              thisEnvFn.scope.generateUidIdentifier("prop");\n            argsList.unshift(method);\n            fnBody =\n              t.memberExpression(t.super(), t.identifier(method.name), true);\n          }\n\n          if (isAssignment) {\n            const valueIdent\n              = thisEnvFn.scope.generateUidIdentifier("value");\n            argsList.push(valueIdent);\n            fnBody =\n              t.assignmentExpression("=", fnBody, t.identifier(valueIdent.name));\n          }\n\n          return\n            t.arrowFunctionExpression(argsList, fnBody);\n        });\n    }\n\n    function getBinding(thisEnvFn, key, init) {\n      const\n        cacheKey = "binding:" + key;\n      let data = thisEnvFn.getData(cacheKey);\n\n      if (!data) {\n        const id =\n          thisEnvFn.scope.generateUidIdentifier(key);\n        data = id.name;\n        thisEnvFn.setData(cacheKey, data);\n        thisEnvFn.scope.push({\n          id: id,\n          init: init(data)\n        });\n      }\n\n      return data;\n    }\n\n    function\n      getScopeInformation(fnPath) {\n      const thisPaths = [];\n      const argumentsPaths = [];\n      const newTargetPaths = [];\n\n      const superProps = [];\n      const superCalls = [];\n      fnPath.traverse({\n        ClassProperty(child) {\n          child.skip();\n        },\n\n        Function(child) {\n          if (child.isArrowFunctionExpression()) return;\n          child.skip();\n        },\n\n        ThisExpression(child) {\n          thisPaths.push(child);\n        },\n\n        JSXIdentifier(child) {\n          if (child.node.name !==\n            "this") return;\n          if (!child.parentPath.isJSXMemberExpression({\n            object: child.node\n          }) &&\n            !child.parentPath.isJSXOpeningElement({\n              name: child.node\n            })) {\n            return;\n          }\n          thisPaths.push(child);\n        },\n\n        CallExpression(child) {\n          if (child.get("callee").isSuper())\n            superCalls.push(child);\n        },\n\n        MemberExpression(child) {\n          if (child.get("object").isSuper())\n            superProps.push(child);\n        },\n\n        ReferencedIdentifier(child) {\n          if (child.node.name !== "arguments")\n            return;\n          argumentsPaths.push(child);\n        },\n\n        MetaProperty(child) {\n          if\n            (!child.get("meta").isIdentifier({\n              name: "new"\n            })) return;\n          if\n            (!child.get("property").isIdentifier({\n              name: "target"\n            })) return;\n          newTargetPaths.push(child);\n        }\n      });\n\n      return {\n        thisPaths,\n        argumentsPaths,\n        newTargetPaths,\n        superProps,\n        superCalls\n      };\n    }\n\n    "use strict";\n    Object.defineProperty(exports, "__esModule", {\n      value: true\n    });\n    exports.default =\n      _default;\n    nvar _helperGetFunctionArity = _interopRequireDefault(require("@babel/helper-get-function-arity"));\n    nvar _template = _interopRequireDefault(require("@babel/template"));\n    nvar t =\n      _interopRequireWildcard(require("@babel/types"));\n    nfunction _getRequireWildcardCache() {\n      if (typeof\n        WeakMap !== "function")\n        return null;\n      var cache = new WeakMap();\n      _getRequireWildcardCache = function () {\n        return cache;\n      };\n      return cache;\n    }\n    nfunction _interopRequireWildcard(obj) {\n      if (obj && obj.__esModule) {\n        return\n          obj;\n      }\n      if (obj === null ||\n        typeof obj !== "object" &&\n        typeof obj !== "function") {\n        return {\n          default: obj\n        };\n      }\n      var\n        cache = _getRequireWildcardCache();\n      if (cache && cache.has(obj)) {\n        return\n          cache.get(obj);\n      }\n      var\n        newObj = {};\n      var\n        hasPropertyDescriptor =\n          Object.defineProperty &&\n          Object.getOwnPropertyDescriptor;\n      for (var key in obj) {\n        if\n          (Object.prototype.hasOwnProperty.call(obj, key)) {\n          var desc =\n            hasPropertyDescriptor ?\n              Object.getOwnPropertyDescriptor(obj, key) :\n              null;\n          if (desc && (desc.get || desc.set)) {\n            Object.defineProperty(newObj, key, desc);\n          } else {\n            newObj[key] = obj[key];\n          }\n        }\n      }\n      newObj.default = obj;\n      if (cache) {\n        cache.set(obj, newObj);\n      }\n      return\n        newObj;\n    }\n\n    _interopRequireDefault(obj) {\n      return\n        obj &&\n        obj.__esModule ?\n          obj : {\n            default: obj\n          };\n    }\n\n    const\n      buildPropertyMethodAssignmentWrapper = (0,

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_template.default)(\n (function (FUNCTION_KEY) {\n function FUNCTION_ID() {\n return
FUNCTION_KEY.apply(this, arguments);\n }\n\n FUNCTION_ID.toString = function () {\n return
FUNCTION_KEY.toString();\n }\n\n return FUNCTION_ID;\n })(FUNCTION)\n`);\nconst
buildGeneratorPropertyMethodAssignmentWrapper = (0, _template.default)(\n (function (FUNCTION_KEY) {\n
function* FUNCTION_ID() {\n return yield* FUNCTION_KEY.apply(this, arguments);\n }\n\n
FUNCTION_ID.toString = function () {\n return FUNCTION_KEY.toString();\n };}\n\n return
FUNCTION_ID;\n })(FUNCTION)\n`);\nconst visitor = {\n `ReferencedIdentifier|BindingIdentifier`\n(path, state)
{\n if (path.node.name !== state.name) return;\n const localDeclar =
path.scope.getBindingIdentifier(state.name);\n if (localDeclar !== state.outerDeclar) return;\n
state.selfReference = true;\n path.stop();\n }\n\n};\n\nfunction getNameFromLiteralId(id) {\n if
(t.isNullLiteral(id)) {\n return "null";\n }\n\n if (t.isRegExpLiteral(id)) {\n return
`_${id.pattern}_${id.flags}`;\n }\n\n if (t.isTemplateLiteral(id)) {\n return id.quasis.map(quasi =>
quasi.value.raw).join("\\");\n }\n\n if (id.value !== undefined) {\n return id.value + "\\";\n }\n\n return
\\"";\n }\n\nfunction wrap(state, method, id, scope) {\n if (state.selfReference) {\n if (scope.hasBinding(id.name)
&& !scope.hasGlobal(id.name)) {\n scope.rename(id.name);\n } else {\n if (!t.isFunction(method)) return;\n
let build = buildPropertyMethodAssignmentWrapper;\n\n if (method.generator) {\n build =
buildGeneratorPropertyMethodAssignmentWrapper;\n }\n\n const template = build({\n FUNCTION:
method,\n FUNCTION_ID: id,\n FUNCTION_KEY: scope.generateUidIdentifier(id.name)\n
}).expression;\n const params = template.callee.body.body[0].params;\n\n for (let i = 0, len = (0,
_helperGetFunctionArity.default)(method); i < len; i++) {\n params.push(scope.generateUidIdentifier(`x`));\n
}\n\n return template;\n }\n }\n\n method.id = id;\n scope.getProgramParent().references[id.name] =
true;\n }\n\nfunction visit(node, name, scope) {\n const state = {\n selfAssignment: false,\n selfReference:
false,\n outerDeclar: scope.getBindingIdentifier(name),\n references: [],\n name: name\n }; \n const binding =
scope.getOwnBinding(name);\n\n if (binding) {\n if (binding.kind === `param`) {\n state.selfReference =
true;\n } else {\n } else if (state.outerDeclar || scope.hasGlobal(name)) {\n scope.traverse(node, visitor,
state);\n }\n\n return state;\n }\n\nfunction _default({\n node,\n parent,\n scope,\n id\n}, localBinding = false) {\n
if (node.id) return;\n\n if ((t.isObjectProperty(parent) || t.isObjectMethod(parent, {\n kind: `method`\n }))) &&
(!parent.computed || t.isLiteral(parent.key))) {\n id = parent.key;\n } else if (t.isVariableDeclarator(parent)) {\n
id = parent.id;\n\n if (t.isIdentifier(id) && !localBinding) {\n const binding =
scope.parent.getBinding(id.name);\n\n if (binding && binding.constant && scope.getBinding(id.name) ===
binding) {\n node.id = t.cloneNode(id);\n node.id[t.NOT_LOCAL_BINDING] = true;\n return;\n
}\n }\n } else if (t.isAssignmentExpression(parent, {\n operator: `=`\n }))) {\n id = parent.left;\n } else if
(!id) {\n return;\n }\n\n let name;\n\n if (id && t.isLiteral(id)) {\n name = getNameFromLiteralId(id);\n } else
if (id && t.isIdentifier(id)) {\n name = id.name;\n }\n\n if (name === undefined) {\n return;\n }\n\n name =
t.toBindingIdentifierName(name);\n id = t.identifier(name);\n id[t.NOT_LOCAL_BINDING] = true;\n const state =
visit(node, name, scope);\n return wrap(state, node, id, scope) || node;\n },""use
strict";\n\nObject.defineProperty(exports, `__esModule`, {\n value: true\n});\nexports.default = _default;\n\nvar t
= _interopRequireWildcard(require("@babel/types"));\n\nfunction _getRequireWildcardCache() { if (typeof
WeakMap !== `function`) return null; var cache = new WeakMap(); _getRequireWildcardCache = function () {
return cache; }; return cache; }\n\nfunction _interopRequireWildcard(obj) { if (obj && obj.__esModule) { return
obj; } if (obj === null || typeof obj !== `object` && typeof obj !== `function`) { return { default: obj }; } var
cache = _getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var
hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }\n\nfunction _default(node) {\n const params = node.params;\n\n for
(let i = 0; i < params.length; i++) {\n const param = params[i];\n\n if (t.isAssignmentPattern(param) ||

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t.isRestElement(param)) {\n  return i;\n  }\n }\n\n return params.length;\n}", "\"use
strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\n\nexports.default = exports.program
= exports.expression = exports.statements = exports.statement = exports.smart = void 0;\n\nvar formatters =
_interopRequireWildcard(require(\"./formatters\"));\n\nvar _builder =
_interopRequireDefault(require(\"./builder\"));\n\nfunction _interopRequireDefault(obj) { return obj &&
obj.__esModule ? obj : { default: obj }; }\n\nfunction _getRequireWildcardCache() { if (typeof WeakMap !==
\"function\") return null; var cache = new WeakMap(); _getRequireWildcardCache = function () { return cache; };
return cache; }\n\nfunction _interopRequireWildcard(obj) { if (obj && obj.__esModule) { return obj; } if (obj ===
null || typeof obj !== \"object\" && typeof obj !== \"function\") { return { default: obj }; } var cache =
_getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var
hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }\n\nconst smart = (0, _builder.default)(formatters.smart);\n\nexports.smart
= smart;\n\nconst statement = (0, _builder.default)(formatters.statement);\n\nexports.statement = statement;\n\nconst
statements = (0, _builder.default)(formatters.statements);\n\nexports.statements = statements;\n\nconst expression = (0,
_builder.default)(formatters.expression);\n\nexports.expression = expression;\n\nconst program = (0,
_builder.default)(formatters.program);\n\nexports.program = program;\n\nvar _default =
Object.assign(smart.bind(undefined), {\n smart,\n statement,\n statements,\n expression,\n program,\n ast:
smart.ast\n});\n\nexports.default = _default;\", \"\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n
value: true\n});\n\nexports.program = exports.expression = exports.statement = exports.statements = exports.smart =
void 0;\n\nvar t = _interopRequireWildcard(require(\"@babel/types\"));\n\nfunction _getRequireWildcardCache() {
if (typeof WeakMap !== \"function\") return null; var cache = new WeakMap(); _getRequireWildcardCache =
function () { return cache; }; return cache; }\n\nfunction _interopRequireWildcard(obj) { if (obj &&
obj.__esModule) { return obj; } if (obj === null || typeof obj !== \"object\" && typeof obj !== \"function\") { return
{ default: obj }; } var cache = _getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); }
var newObj = {}; var hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for
(var key in obj) { if (Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }\n\nfunction makeStatementFormatter(fn) {\n return {\n code: str =>
`/* @babel/template */;\n${str}`,\n validate: () => {},\n unwrap: ast => {\n return
fn(ast.program.body.slice(1));\n }\n };\n }\n\nconst smart = makeStatementFormatter(body => {\n if (body.length
> 1) {\n return body;\n } else {\n return body[0];\n }\n});\n\nexports.smart = smart;\n\nconst statements =
makeStatementFormatter(body => body);\n\nexports.statements = statements;\n\nconst statement =
makeStatementFormatter(body => {\n if (body.length === 0) {\n throw new Error(\"Found nothing to return.\");\n
}\n\n if (body.length > 1) {\n throw new Error(\"Found multiple statements but wanted one\");\n }\n\n return
body[0];\n});\n\nexports.statement = statement;\n\nconst expression = {\n code: str => `(\n${str}\n)`,\n validate: ast
=> {\n if (ast.program.body.length > 1) {\n throw new Error(\"Found multiple statements but wanted one\");\n
}\n\n if (expression.unwrap(ast).start === 0) {\n throw new Error(\"Parse result included parens.\");\n }\n
},\n unwrap: ({\n program\n }) => {\n const [stmt] = program.body;\n t.assertExpressionStatement(stmt);\n
return stmt.expression;\n }\n};\n\nexports.expression = expression;\n\nconst program = {\n code: str => str,\n validate:
() => {},\n unwrap: ast => ast.program\n};\n\nexports.program = program;\", \"\"use
strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\n\nexports.default =
createTemplateBuilder;\n\nvar _options = require(\"./options\");\n\nvar _string =
_interopRequireDefault(require(\"./string\"));\n\nvar _literal =
_interopRequireDefault(require(\"./literal\"));\n\nfunction _interopRequireDefault(obj) { return obj &&

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obj.__esModule ? obj : { default: obj }; }
const NO_PLACEHOLDER = (0, _options.validate)({
  placeholderPattern: false
});
function createTemplateBuilder(formatter, defaultOpts) {
  const templateFnCache = new WeakMap();
  const templateAstCache = new WeakMap();
  const cachedOpts = defaultOpts || (0, _options.validate)(null);
  return Object.assign((tpl, ...args) => {
    if (typeof tpl === "string") {
      if (args.length > 1) throw new Error("Unexpected extra params.");
      return extendedTrace((0, _string.default)(formatter, tpl, (0, _options.merge)(cachedOpts, (0, _options.validate)(args[0]))));
    } else if (Array.isArray(tpl)) {
      let builder = templateFnCache.get(tpl);
      if (!builder) {
        builder = (0, _literal.default)(formatter, tpl, cachedOpts);
        templateFnCache.set(tpl, builder);
      }
      return extendedTrace(builder(args));
    } else if (typeof tpl === "object" && tpl) {
      if (args.length > 0) throw new Error("Unexpected extra params.");
      return createTemplateBuilder(formatter, (0, _options.merge)(cachedOpts, (0, _options.validate)(tpl)));
    }
    throw new Error("Unexpected template param ${typeof tpl}");
  }, {
    ast: (tpl, ...args) => {
      if (typeof tpl === "string") {
        if (args.length > 1) throw new Error("Unexpected extra params.");
        return (0, _string.default)(formatter, tpl, (0, _options.merge)((0, _options.merge)(cachedOpts, (0, _options.validate)(args[0])), NO_PLACEHOLDER));
      } else if (Array.isArray(tpl)) {
        let builder = templateAstCache.get(tpl);
        if (!builder) {
          builder = (0, _literal.default)(formatter, tpl, (0, _options.merge)(cachedOpts, NO_PLACEHOLDER));
          templateAstCache.set(tpl, builder);
        }
        return builder(args);
      }
      throw new Error("Unexpected template param ${typeof tpl}");
    }
  });
}
function extendedTrace(fn) {
  let rootStack = "";
  try {
    throw new Error();
  } catch (error) {
    if (error.stack) {
      rootStack = error.stack.split("\n").slice(3).join("\n");
    }
  }
  return arg => {
    try {
      return fn(arg);
    } catch (err) {
      err.stack += "\n =====\n${rootStack}";
      throw err;
    }
  };
}
"use strict";
Object.defineProperty(exports, "__esModule", { value: true });
exports.default = stringTemplate;
var _options = require("./options");
var _parse = _interopRequireDefault(require("./parse"));
var _populate = _interopRequireDefault(require("./populate"));
function _interopRequireDefault(obj) { return obj && obj.__esModule ? obj : { default: obj }; }
function stringTemplate(formatter, code, opts) {
  code = formatter.code(code);
  let metadata;
  return arg => {
    const replacements = (0, _options.normalizeReplacements)(arg);
    if (!metadata) metadata = (0, _parse.default)(formatter, code, opts);
    return formatter.unwrap((0, _populate.default)(metadata, replacements));
  };
}
"use strict";
Object.defineProperty(exports, '__esModule', { value: true });
const beforeExpr = true;
const startsExpr = true;
const isLoop = true;
const isAssign = true;
const prefix = true;
const postfix = true;
class TokenType {
  constructor(label, conf = {}) {
    this.label = label;
    this.keyword = conf.keyword;
    this.beforeExpr = conf.beforeExpr;
    this.startsExpr = conf.startsExpr;
    this.rightAssociative = conf.rightAssociative;
    this.isLoop = conf.isLoop;
    this.isAssign = conf.isAssign;
    this.prefix = conf.prefix;
    this.postfix = conf.postfix;
    this.binop = conf.binop;
    this.updateContext = conf.updateContext;
    this.label = label;
    this.keyword = conf.keyword;
    this.beforeExpr = !!conf.beforeExpr;
    this.startsExpr = !!conf.startsExpr;
    this.rightAssociative = !!conf.rightAssociative;
    this.isLoop = !!conf.isLoop;
    this.isAssign = !!conf.isAssign;
    this.prefix = !!conf.prefix;
    this.postfix = !!conf.postfix;
    this.binop = conf.binop != null ? conf.binop : null;
    this.updateContext = conf.updateContext;
  }
}
const keywords$1 = new Map();
function createKeyword(name, options = {}) {
  options.keyword = name;
  const token = new TokenType(name, options);
  keywords$1.set(name, token);
  return token;
}
function createBinop(name, binop) {
  return new TokenType(name, {
    beforeExpr: true,
    binop
  });
}
const types$1 = {
  num: new TokenType("num", { startsExpr: true }),
  bigint: new TokenType("bigint", { startsExpr: true }),
  decimal: new TokenType("decimal", { startsExpr: true }),
  regexp: new TokenType("regexp", { startsExpr: true }),
  string: new TokenType("string", { startsExpr: true }),
  name: new TokenType("name", { startsExpr: true }),
  privateName: new TokenType("#name", { startsExpr: true }),
  eof: new TokenType("eof"),
  bracketL: new TokenType("[", { beforeExpr: true, startsExpr: true }),
  bracketHashL: new TokenType("#[", { beforeExpr: true, startsExpr: true }),
  bracketBarL: new TokenType("[|", { beforeExpr: true, startsExpr: true }),
  bracketR: new TokenType("]"),
  bracketBarR: new TokenType("]|"),
}

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braceL: new TokenType("{", {beforeExpr, startsExpr}), braceBarL: new TokenType("{|", {beforeExpr, startsExpr}), braceHashL: new TokenType("#{", {beforeExpr, startsExpr}), braceR: new TokenType("}"), braceBarR: new TokenType("|}"), parenL: new TokenType("(", {beforeExpr, startsExpr}), parenR: new TokenType(")"), comma: new TokenType(",", {beforeExpr}), semi: new TokenType(";", {beforeExpr}), colon: new TokenType(":", {beforeExpr}), doubleColon: new TokenType("::", {beforeExpr}), dot: new TokenType("."), question: new TokenType("?", {beforeExpr}), questionDot: new TokenType("?."), arrow: new TokenType("=>", {beforeExpr}), template: new TokenType("template"), ellipsis: new TokenType("...", {beforeExpr}), backQuote: new TokenType("`", {startsExpr}), dollarBraceL: new TokenType("${", {beforeExpr, startsExpr}), at: new TokenType("@"), hash: new TokenType("#", {startsExpr}), interpreterDirective: new TokenType("#!..."), eq: new TokenType("=", {beforeExpr, isAssign}), assign: new TokenType("_=", {beforeExpr, isAssign}), incDec: new TokenType("++/--", {prefix, postfix, startsExpr}), bang: new TokenType("!", {beforeExpr, prefix, startsExpr}), tilde: new TokenType("~", {beforeExpr, prefix, startsExpr}), pipeline: createBinop(">|", 0), nullishCoalescing: createBinop("???", 1), logicalOR: createBinop("||", 1), logicalAND: createBinop("&&", 2), bitwiseOR: createBinop("|", 3), bitwiseXOR: createBinop("^", 4), bitwiseAND: createBinop("&", 5), equality: createBinop("==/!=/===/!==", 6), relational: createBinop("</>/<=>=", 7), bitShift: createBinop("<</>>>", 8), plusMin: new TokenType("+/-", {beforeExpr, binop: 9, prefix, startsExpr}), modulo: new TokenType("%", {beforeExpr, binop: 10, startsExpr}), star: new TokenType("*", {binop: 10}), slash: createBinop("/", 10), exponent: new TokenType("**", {beforeExpr, binop: 11, rightAssociative: true}), _break: createKeyword("break"), _case: createKeyword("case", {beforeExpr}), _catch: createKeyword("catch"), _continue: createKeyword("continue"), _debugger: createKeyword("debugger"), _default: createKeyword("default", {beforeExpr}), _do: createKeyword("do", {isLoop, beforeExpr}), _else: createKeyword("else", {beforeExpr}), _finally: createKeyword("finally"), _for: createKeyword("for", {isLoop}), _function: createKeyword("function", {startsExpr}), _if: createKeyword("if"), _return: createKeyword("return", {beforeExpr}), _switch: createKeyword("switch"), _throw: createKeyword("throw", {beforeExpr, prefix, startsExpr}), _try: createKeyword("try"), _var: createKeyword("var"), _const: createKeyword("const"), _while: createKeyword("while", {isLoop}), _with: createKeyword("with"), _new: createKeyword("new", {beforeExpr, startsExpr}), _this: createKeyword("this", {startsExpr}), _super: createKeyword("super", {startsExpr}), _class: createKeyword("class", {startsExpr}), _extends: createKeyword("extends", {beforeExpr}), _export: createKeyword("export"), _import: createKeyword("import", {startsExpr}), _null: createKeyword("null", {startsExpr}), _true: createKeyword("true", {startsExpr}), _false: createKeyword("false", {startsExpr}), _in: createKeyword("in", {beforeExpr, binop: 7}), _instanceof: createKeyword("instanceof", {beforeExpr, binop: 7}), _typeof: createKeyword("typeof", {beforeExpr, prefix, startsExpr}), _void: createKeyword("void", {beforeExpr, prefix, startsExpr}), _delete: createKeyword("delete", {beforeExpr, prefix, startsExpr})};
const lineBreak =
  /\r\n?|[\u2028\u2029]/;
const lineBreakG = new RegExp(lineBreak.source, "g");
function isNewLine(code) {
  switch (code) {
    case 10:
    case 13:
    case 8232:
    case 8233:
      return true;
    default:
      return false;
  }
}
const skipWhiteSpace = /(?:\s|\\\/.*|\/\^|\/\*\/)*\/g;
function isWhitespace(code) {
  switch (code) {
    case 0x0009:
    case 0x000b:
    case 0x000c:
    case 32:
    case 160:
    case 5760:
    case 0x2000:
    case 0x2001:
    case 0x2002:
    case 0x2003:
    case 0x2004:
    case 0x2005:
    case 0x2006:
    case 0x2007:
    case 0x2008:
    case 0x2009:
    case 0x200a:
    case 0x202f:
    case 0x205f:
    case 0x3000:
    case 0xfeff:
      return true;
    default:
      return false;
  }
}
class Position {
  constructor(line, col) {
    this.line = void 0;
    this.column = void 0;
    this.line = line;
    this.column = col;
  }
}

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}\n}\n\nclass SourceLocation {\n  constructor(start, end) {\n    this.start = void 0;\n    this.end = void 0;\n    this.filename = void 0;\n    this.identifierName = void 0;\n    this.start = start;\n    this.end = end;\n  }\n}\n}\n\nfunction\ngetLineInfo(input, offset) {\n  let line = 1;\n  let lineStart = 0;\n  let match;\n  lineBreakG.lastIndex = 0;\n\n  while\n  ((match = lineBreakG.exec(input)) && match.index < offset) {\n    line++;\n    lineStart = lineBreakG.lastIndex;\n  }\n\n  return new Position(line, offset - lineStart);\n}\n}\n\n\nclass BaseParser {\n  constructor() {\n    this.sawUnambiguousESM = false;\n    this.ambiguousScriptDifferentAst = false;\n  }\n\n  hasPlugin(name) {\n    return this.plugins.has(name);\n  }\n\n  getPluginOption(plugin, name) {\n    if (this.hasPlugin(plugin)) return\n    this.plugins.get(plugin)[name];\n  }\n}\n\nfunction last(stack) {\n  return stack[stack.length - 1];\n}\n\n\nclass\nCommentsParser extends BaseParser {\n  addComment(comment) {\n    if (this.filename) comment.loc.filename =\n    this.filename;\n    this.state.trailingComments.push(comment);\n    this.state.leadingComments.push(comment);\n  }\n\n  adjustCommentsAfterTrailingComma(node, elements, takeAllComments) {\n    if\n    (this.state.leadingComments.length === 0) {\n      return;\n    }\n\n    let lastElement = null;\n    let i =\n    elements.length;\n\n    while (lastElement === null && i > 0) {\n      lastElement = elements[--i];\n    }\n\n    if\n    (lastElement === null) {\n      return;\n    }\n\n    for (let j = 0; j < this.state.leadingComments.length; j++) {\n      if\n      (this.state.leadingComments[j].end < this.state.commentPreviousNode.end) {\n\n        this.state.leadingComments.splice(j, 1);\n        j--;\n      }\n    }\n\n    const newTrailingComments = [];\n\n    for (let\n    i = 0; i < this.state.leadingComments.length; i++) {\n      const leadingComment =\n      this.state.leadingComments[i];\n\n      if (leadingComment.end < node.end) {\n\n        newTrailingComments.push(leadingComment);\n\n        if (!takeAllComments) {\n\n          this.state.leadingComments.splice(i, 1);\n          i--;\n        }\n      } else {\n        if (node.trailingComments ===\n        undefined) {\n          node.trailingComments = [];\n        }\n\n        node.trailingComments.push(leadingComment);\n\n        }\n      }\n\n    if (takeAllComments) this.state.leadingComments = [];\n\n    if (newTrailingComments.length > 0)\n    {\n      lastElement.trailingComments = newTrailingComments;\n    } else if (lastElement.trailingComments !==\n    undefined) {\n      lastElement.trailingComments = [];\n    }\n  }\n\n  processComment(node) {\n    if (node.type ===\n    \"Program\" && node.body.length > 0) return;\n\n    const stack = this.state.commentStack;\n\n    let firstChild,\n    lastChild, trailingComments, i, j;\n\n    if (this.state.trailingComments.length > 0) {\n      if\n      (this.state.trailingComments[0].start >= node.end) {\n        trailingComments = this.state.trailingComments;\n        this.state.trailingComments = [];\n      } else {\n        this.state.trailingComments.length = 0;\n      }\n    } else if\n    (stack.length > 0) {\n      const lastInStack = last(stack);\n\n      if (lastInStack.trailingComments &&\n      lastInStack.trailingComments[0].start >= node.end) {\n        trailingComments = lastInStack.trailingComments;\n        delete lastInStack.trailingComments;\n      }\n    }\n\n    if (stack.length > 0 && last(stack).start >= node.start) {\n      firstChild = stack.pop();\n    }\n\n    while (stack.length > 0 && last(stack).start >= node.start) {\n      lastChild =\n      stack.pop();\n    }\n\n    if (!lastChild && firstChild) lastChild = firstChild;\n\n    if (firstChild) {\n      switch\n      (node.type) {\n        case \"ObjectExpression\":\n          this.adjustCommentsAfterTrailingComma(node,\n          node.properties);\n          break;\n\n        case \"ObjectPattern\":\n          this.adjustCommentsAfterTrailingComma(node, node.properties, true);\n          break;\n\n        case\n        \"CallExpression\":\n          this.adjustCommentsAfterTrailingComma(node, node.arguments);\n          break;\n\n        case\n        \"ArrayExpression\":\n          this.adjustCommentsAfterTrailingComma(node, node.elements);\n          break;\n\n        case\n        \"ArrayPattern\":\n          this.adjustCommentsAfterTrailingComma(node, node.elements,\n          true);\n          break;\n      }\n    } else if (this.state.commentPreviousNode &&\n    (this.state.commentPreviousNode.type === \"ImportSpecifier\" && node.type !== \"ImportSpecifier\" ||\n    this.state.commentPreviousNode.type === \"ExportSpecifier\" && node.type !== \"ExportSpecifier\")) {\n      this.adjustCommentsAfterTrailingComma(node, [this.state.commentPreviousNode]);\n    }\n\n    if (lastChild) {\n      if\n      (lastChild.leadingComments) {\n        if (lastChild !== node && lastChild.leadingComments.length > 0 &&\n        last(lastChild.leadingComments).end <= node.start) {\n          node.leadingComments =\n          lastChild.leadingComments;\n          delete lastChild.leadingComments;\n        } else {\n          for (i =\n          lastChild.leadingComments.length - 2; i >= 0; --i) {\n            if (lastChild.leadingComments[i].end <= node.start)\n            {\n              node.leadingComments = lastChild.leadingComments.splice(0, i + 1);\n              break;\n            }\n          }\n        }\n      }\n    }\n  }\n}

```

```

    } else if (this.state.leadingComments.length > 0) {
      if (last(this.state.leadingComments).end
        <= node.start) {
        if (this.state.commentPreviousNode) {
          for (j = 0; j <
            this.state.leadingComments.length; j++) {
            if (this.state.leadingComments[j].end <
              this.state.commentPreviousNode.end) {
              this.state.leadingComments.splice(j, 1);
              j--;
            }
          }
          if (this.state.leadingComments.length > 0) {
            node.leadingComments =
              this.state.leadingComments;
            this.state.leadingComments = [];
          }
        } else {
          for (i = 0; i <
            this.state.leadingComments.length; i++) {
            if (this.state.leadingComments[i].end > node.start) {
              break;
            }
          }
          const leadingComments = this.state.leadingComments.slice(0, i);
          if (
            leadingComments.length) {
            node.leadingComments = leadingComments;
          }
          trailingComments = this.state.leadingComments.slice(i);
          if (trailingComments.length === 0) {
            trailingComments = null;
          }
          this.state.commentPreviousNode = node;
          if (
            trailingComments) {
            if (trailingComments.length && trailingComments[0].start >= node.start &&
              last(trailingComments).end <= node.end) {
              node.innerComments = trailingComments;
            } else {
              const firstTrailingCommentIndex = trailingComments.findIndex(comment => comment.end >= node.end);
              if (firstTrailingCommentIndex > 0) {
                node.innerComments = trailingComments.slice(0,
                  firstTrailingCommentIndex);
                node.trailingComments =
                  trailingComments.slice(firstTrailingCommentIndex);
              } else {
                node.trailingComments =
                  trailingComments;
              }
            }
            stack.push(node);
          }
        }
      }
    }
  }
}
const ErrorCodes = Object.freeze({
  SyntaxError: "BABEL_PARSER_SYNTAX_ERROR",
  SourceTypeModuleError:
    "BABEL_PARSER_SOURCETYPE_MODULE_REQUIRED",
  ErrorMessage:
    makeErrorTemplates({
      AccessorIsGenerator: "A %0ter cannot be a generator.",
      ArgumentsInClass:
        "'arguments' is only allowed in functions and class methods.",
      AsyncFunctionInSingleStatementContext:
        "Async functions can only be declared at the top level or inside a block.",
      AwaitBindingIdentifier: "Can not use 'await' as identifier inside an async function.",
      AwaitBindingIdentifierInStaticBlock: "Can not use 'await' as identifier inside a static block.",
      AwaitExpressionFormalParameter: "'await' is not allowed in async function parameters.",
      AwaitNotInAsyncContext: "'await' is only allowed within async functions and at the top levels of modules.",
      AwaitNotInAsyncFunction: "'await' is only allowed within async functions.",
      BadGetterArity: "A 'get' accessor must not have any formal parameters.",
      BadSetterArity: "A 'set' accessor must have exactly one formal parameter.",
      BadSetterRestParameter: "A 'set' accessor function argument must not be a rest parameter.",
      ConstructorClassField: "Classes may not have a field named 'constructor'.",
      ConstructorClassPrivateField: "Classes may not have a private field named '#constructor'.",
      ConstructorIsAccessor: "Class constructor may not be an accessor.",
      ConstructorIsAsync: "Constructor can't be an async function.",
      ConstructorIsGenerator: "Constructor can't be a generator.",
      DeclarationMissingInitializer: "'%0' require an initialization value.",
      DecoratorBeforeExport: "Decorators must be placed *before* the 'export' keyword. You can set the 'decoratorsBeforeExport' option to false to use the 'export @decorator class {}' syntax.",
      DecoratorConstructor: "Decorators can't be used with a constructor. Did you mean '@dec class { ... }?'",
      DecoratorExportClass: "Using the export keyword between a decorator and a class is not allowed. Please use `export @dec class` instead.",
      DecoratorSemicolon: "Decorators must not be followed by a semicolon.",
      DecoratorStaticBlock: "Decorators can't be used with a static block.",
      DeletePrivateField: "Deleting a private field is not allowed.",
      DestructureNamedImport: "ES2015 named imports do not destructure. Use another statement for destructuring after the import.",
      DuplicateConstructor: "Duplicate constructor in the same class.",
      DuplicateDefaultExport: "Only one default export allowed per module.",
      DuplicateExport: "'%0` has already been exported. Exported identifiers must be unique.",
      DuplicateProto: "Redefinition of __proto__ property.",
      DuplicateRegExpFlags: "Duplicate regular expression flag.",
      ElementAfterRest: "Rest element must be last element.",
      EscapedCharNotAnIdentifier: "Invalid Unicode escape.",
      ExportBindingIsString: "A string literal cannot be used as an exported binding without `from`. Did you mean `export { '%0' as '%1' } from 'some-module'`?",
      ExportDefaultFromAsIdentifier: "'from' is not allowed as an identifier after 'export default'.",
      ForInOfLoopInitializer: "'%0' loop variable declaration may not

```


have an initializer.\",\n ForOfAsync: \"The left-hand side of a for-of loop may not be 'async'.\", \n ForOfLet: \"The left-hand side of a for-of loop may not start with 'let'.\", \n GeneratorInSingleStatementContext: \"Generators can only be declared at the top level or inside a block.\", \n IllegalBreakContinue: \"Unsyntactic %0.\", \n IllegalLanguageModeDirective: \"Illegal 'use strict' directive in function with non-simple parameter list.\", \n IllegalReturn: \"'return' outside of function.\", \n ImportBindingIsString: 'A string literal cannot be used as an imported binding.\", \n- Did you mean `import { \"%0\" as foo }`?\", \n ImportCallArgumentTrailingComma: \"Trailing comma is disallowed inside import(...) arguments.\", \n ImportCallArity: \"`import()` requires exactly %0.\", \n ImportCallNotNewExpression: \"Cannot use new with import(...).\", \n ImportCallSpreadArgument: \"`...` is not allowed in `import()`.\", \n InvalidBigIntLiteral: \"Invalid BigIntLiteral.\", \n InvalidCodePoint: \"Code point out of bounds.\", \n InvalidDecimal: \"Invalid decimal.\", \n InvalidDigit: \"Expected number in radix %0.\", \n InvalidEscapeSequence: \"Bad character escape sequence.\", \n InvalidEscapeSequenceTemplate: \"Invalid escape sequence in template.\", \n InvalidEscapedReservedWord: \"Escape sequence in keyword %0.\", \n InvalidIdentifier: \"Invalid identifier %0.\", \n InvalidLhs: \"Invalid left-hand side in %0.\", \n InvalidLhsBinding: \"Binding invalid left-hand side in %0.\", \n InvalidNumber: \"Invalid number.\", \n InvalidOrMissingExponent: \"Floating-point numbers require a valid exponent after the 'e'.\", \n InvalidOrUnexpectedToken: \"Unexpected character '%0'.\", \n InvalidParenthesizedAssignment: \"Invalid parenthesized assignment pattern.\", \n InvalidPrivateFieldResolution: \"Private name #%0 is not defined.\", \n InvalidPropertyBindingPattern: \"Binding member expression.\", \n InvalidRecordProperty: \"Only properties and spread elements are allowed in record definitions.\", \n InvalidRestAssignmentPattern: \"Invalid rest operator's argument.\", \n LabelRedeclaration: \"Label '%0' is already declared.\", \n LetInLexicalBinding: \"'let' is not allowed to be used as a name in 'let' or 'const' declarations.\", \n LineTerminatorBeforeArrow: \"No line break is allowed before '=>'.\", \n MalformedRegExpFlags: \"Invalid regular expression flag.\", \n MissingClassName: \"A class name is required.\", \n MissingEqInAssignment: \"Only '=' operator can be used for specifying default value.\", \n MissingSemicolon: \"Missing semicolon.\", \n MissingUnicodeEscape: \"Expecting Unicode escape sequence \\uXXXX.\", \n MixingCoalesceWithLogical: \"Nullish coalescing operator(??) requires parens when mixing with logical operators.\", \n ModuleAttributeDifferentFromType: \"The only accepted module attribute is `type`.\", \n ModuleAttributeInvalidValue: \"Only string literals are allowed as module attribute values.\", \n ModuleAttributesWithDuplicateKeys: 'Duplicate key \"%0\" is not allowed in module attributes.', \n ModuleExportNameHasLoneSurrogate: \"An export name cannot include a lone surrogate, found '\\u%0'.\", \n ModuleExportUndefined: \"Export '%0' is not defined.\", \n MultipleDefaultsInSwitch: \"Multiple default clauses.\", \n NewlineAfterThrow: \"Illegal newline after throw.\", \n NoCatchOrFinally: \"Missing catch or finally clause.\", \n NumberIdentifier: \"Identifier directly after number.\", \n NumericSeparatorInEscapeSequence: \"Numeric separators are not allowed inside unicode escape sequences or hex escape sequences.\", \n ObsoleteAwaitStar: \"'await*' has been removed from the async functions proposal. Use Promise.all() instead.\", \n OptionalChainingNoNew: \"Constructors in/after an Optional Chain are not allowed.\", \n OptionalChainingNoTemplate: \"Tagged Template Literals are not allowed in optionalChain.\", \n OverrideOnConstructor: \"'override' modifier cannot appear on a constructor declaration.\", \n ParamDupe: \"Argument name clash.\", \n PatternHasAccessor: \"Object pattern can't contain getter or setter.\", \n PatternHasMethod: \"Object pattern can't contain methods.\", \n PipelineBodyNoArrow: 'Unexpected arrow `=>` after pipeline body; arrow function in pipeline body must be parenthesized.', \n PipelineBodySequenceExpression: \"Pipeline body may not be a comma-separated sequence expression.\", \n PipelineHeadSequenceExpression: \"Pipeline head should not be a comma-separated sequence expression.\", \n PipelineTopicUnused: \"Pipeline is in topic style but does not use topic reference.\", \n PrimaryTopicNotAllowed: \"Topic reference was used in a lexical context without topic binding.\", \n PrimaryTopicRequiresSmartPipeline: \"Primary Topic Reference found but pipelineOperator not passed 'smart' for 'proposal' option.\", \n PrivateInExpectedIn: \"Private names are only allowed in property accesses (`obj.#%0`) or in `in` expressions (`%0 in obj`).\", \n PrivateNameRedeclaration: \"Duplicate private name #%0.\", \n RecordExpressionBarIncorrectEndSyntaxType: \"Record expressions ending with `|` are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'bar'.\", \n

RecordExpressionBarIncorrectStartSyntaxType: \"Record expressions starting with '{' are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'bar'.\",n

RecordExpressionHashIncorrectStartSyntaxType: \"Record expressions starting with '#{ are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'hash'.\",n

RecordNoProto: \"__proto__ is not allowed in Record expressions.\",n

RestTrailingComma: \"Unexpected trailing comma after rest element.\",n

SloppyFunction: \"In non-strict mode code, functions can only be declared at top level, inside a block, or as the body of an if statement.\",n

StaticPrototype: \"Classes may not have static property named prototype.\",n

StrictDelete: \"Deleting local variable in strict mode.\",n

StrictEvalArguments: \"Assigning to '%0' in strict mode.\",n

StrictEvalArgumentsBinding: \"Binding '%0' in strict mode.\",n

StrictFunction: \"In strict mode code, functions can only be declared at top level or inside a block.\",n

StrictNumericEscape: \"The only valid numeric escape in strict mode is '\\\\0'.\",n

StrictOctalLiteral: \"Legacy octal literals are not allowed in strict mode.\",n

StrictWith: \"'with' in strict mode.\",n

SuperNotAllowed: \"`super()` is only valid inside a class constructor of a subclass. Maybe a typo in the method name ('constructor') or not extending another class?\",n

SuperPrivateField: \"Private fields can't be accessed on super.\",n

TrailingDecorator: \"Decorators must be attached to a class element.\",n

TupleExpressionBarIncorrectEndSyntaxType: \"Tuple expressions ending with ']' are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'bar'.\",n

TupleExpressionBarIncorrectStartSyntaxType: \"Tuple expressions starting with '[' are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'bar'.\",n

TupleExpressionHashIncorrectStartSyntaxType: \"Tuple expressions starting with '#{ are only allowed when the 'syntaxType' option of the 'recordAndTuple' plugin is set to 'hash'.\",n

UnexpectedArgumentPlaceholder: \"Unexpected argument placeholder.\",n

UnexpectedAwaitAfterPipelineBody: \"Unexpected 'await' after pipeline body; await must have parentheses in minimal proposal.\",n

UnexpectedDigitAfterHash: \"Unexpected digit after hash token.\",n

UnexpectedImportExport: \"'import' and 'export' may only appear at the top level.\",n

UnexpectedKeyword: \"Unexpected keyword '%0'.\",n

UnexpectedLeadingDecorator: \"Leading decorators must be attached to a class declaration.\",n

UnexpectedLexicalDeclaration: \"Lexical declaration cannot appear in a single-statement context.\",n

UnexpectedNewTarget: \"`new.target` can only be used in functions or class properties.\",n

UnexpectedNumericSeparator: \"A numeric separator is only allowed between two digits.\",n

UnexpectedPrivateField: \"Private names can only be used as the name of a class element (i.e. class C { #p = 42; #m() { } }) or a property of member expression (i.e. this.#p).\",n

UnexpectedReservedWord: \"Unexpected reserved word '%0'.\",n

UnexpectedSuper: \"'super' is only allowed in object methods and classes.\",n

UnexpectedToken: \"Unexpected token '%0'.\",n

UnexpectedTokenUnaryExponentiation: \"Illegal expression. Wrap left hand side or entire exponentiation in parentheses.\",n

UnsupportedBind: \"Binding should be performed on object property.\",n

UnsupportedDecoratorExport: \"A decorated export must export a class declaration.\",n

UnsupportedDefaultExport: \"Only expressions, functions or classes are allowed as the `default` export.\",n

UnsupportedImport: \"'import' can only be used in `import()` or `import.meta`.\",n

UnsupportedMetaProperty: \"The only valid meta property for %0 is %0.%1.\",n

UnsupportedParameterDecorator: \"Decorators cannot be used to decorate parameters.\",n

UnsupportedPropertyDecorator: \"Decorators cannot be used to decorate object literal properties.\",n

UnsupportedSuper: \"'super' can only be used with function calls (i.e. super()) or in property accesses (i.e. super.prop or super[prop]).\",n

UnterminatedComment: \"Unterminated comment.\",n

UnterminatedRegExp: \"Unterminated regular expression.\",n

UnterminatedString: \"Unterminated string constant.\",n

UnterminatedTemplate: \"Unterminated template.\",n

VarRedeclaration: \"Identifier '%0' has already been declared.\",n

YieldBindingIdentifier: \"Can not use 'yield' as identifier inside a generator.\",n

YieldInParameter: \"Yield expression is not allowed in formal parameters.\",n

ZeroDigitNumericSeparator: \"Numeric separator can not be used after leading 0.\",n

```

const
SourceModuleErrorMessages = makeErrorTemplates({
  ImportMetaOutsideModule: `import.meta may appear only with 'sourceType: 'module'`,
  ImportOutsideModule: `import' and 'export' may appear only with 'sourceType: 'module'`,
});
function makeErrorTemplates(messages, code) {
  const templates = {};
  Object.keys(messages).forEach(reasonCode => {
    templates[reasonCode] =

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Object.freeze({\n  code,\n  reasonCode,\n  template: messages[reasonCode]\n });\n });\n return
Object.freeze(templates);\n }\n\nclass ParserError extends CommentsParser {\n  getLocationForPosition(pos) {\n    let
loc;\n    if (pos === this.state.start) loc = this.state.startLoc;else if (pos === this.state.lastTokStart) loc =
this.state.lastTokStartLoc;else if (pos === this.state.end) loc = this.state.endLoc;else if (pos ===
this.state.lastTokEnd) loc = this.state.lastTokEndLoc;else loc = getLineInfo(this.input, pos);\n    return loc;\n  }\n\n  raise(pos, {\n    code,\n    reasonCode,\n    template\n  }, ...params) {\n    return this.raiseWithData(pos, {\n
code,\n    reasonCode\n  }, template, ...params);\n  }\n\n  raiseOverwrite(pos, {\n    code,\n    template\n  },
...params) {\n    const loc = this.getLocationForPosition(pos);\n    const message = template.replace(/%(\d+)/g, (_, i)
=> params[i]) + ` (${loc.line}:${loc.column})`;\n\n    if (this.options.errorRecovery) {\n    const errors =
this.state.errors;\n\n    for (let i = errors.length - 1; i >= 0; i--) {\n    const error = errors[i];\n\n    if (error.pos
=== pos) {\n    return Object.assign(error, {\n    message\n    });\n    } else if (error.pos < pos) {\n
break;\n    }\n    }\n\n    return this._raise({\n    code,\n    loc,\n    pos\n  }, message);\n  }\n\n  raiseWithData(pos, data, errorTemplate, ...params) {\n    const loc = this.getLocationForPosition(pos);\n    const
message = errorTemplate.replace(/%(\d+)/g, (_, i) => params[i]) + ` (${loc.line}:${loc.column})`;\n    return
this._raise(Object.assign({\n    loc,\n    pos\n  }, data), message);\n  }\n\n  _raise(errorContext, message) {\n
const err = new SyntaxError(message);\n    Object.assign(err, errorContext);\n\n    if (this.options.errorRecovery) {\n
if (!this.isLookahead) this.state.errors.push(err);\n    return err;\n    } else {\n    throw err;\n    }\n  }\n\n  nvar
estree = (superClass => class extends superClass {\n    estreeParseRegExpLiteral({\n    pattern,\n    flags\n  }) {\n
let regex = null;\n\n    try {\n    regex = new RegExp(pattern, flags);\n    } catch (e) {\n\n    const node =
this.estreeParseLiteral(regex);\n    node.regex = {\n    pattern,\n    flags\n  }; \n    return node;\n  }\n\n  estreeParseBigIntLiteral(value) {\n    let bigInt;\n\n    try {\n    bigInt = BigInt(value);\n    } catch (_unused) {\n
bigInt = null;\n    }\n\n    const node = this.estreeParseLiteral(bigInt);\n    node.bigint = String(node.value || value);\n
return node;\n  }\n\n  estreeParseDecimalLiteral(value) {\n    const decimal = null;\n    const node =
this.estreeParseLiteral(decimal);\n    node.decimal = String(node.value || value);\n    return node;\n  }\n\n  estreeParseLiteral(value) {\n    return this.parseLiteral(value, "Literal");\n  }\n\n  directiveToStmt(directive) {\n
const directiveLiteral = directive.value;\n    const stmt = this.startNodeAt(directive.start, directive.loc.start);\n
const expression = this.startNodeAt(directiveLiteral.start, directiveLiteral.loc.start);\n    expression.value =
directiveLiteral.extra.expressionValue;\n    expression.raw = directiveLiteral.extra.raw;\n    stmt.expression =
this.finishNodeAt(expression, "Literal", directiveLiteral.end, directiveLiteral.loc.end);\n    stmt.directive =
directiveLiteral.extra.raw.slice(1, -1);\n    return this.finishNodeAt(stmt, "ExpressionStatement", directive.end,
directive.loc.end);\n  }\n\n  initFunction(node, isAsync) {\n    super.initFunction(node, isAsync);\n
node.expression = false;\n  }\n\n  checkDeclaration(node) {\n    if (node != null && this.isObjectProperty(node)) {\n
this.checkDeclaration(node.value);\n    } else {\n    super.checkDeclaration(node);\n    }\n  }\n\n  getObjectOrClassMethodParams(method) {\n    return method.value.params;\n  }\n\n  isValidDirective(stmt) {\n
var _stmt$expression$extr;\n\n    return stmt.type === "ExpressionStatement" && stmt.expression.type ===
"Literal" && typeof stmt.expression.value === "string" && !((_stmt$expression$extr = stmt.expression.extra) !=
null && _stmt$expression$extr.parenthesized);\n  }\n\n  stmtToDirective(stmt) {\n    const directive =
super.stmtToDirective(stmt);\n    const value = stmt.expression.value;\n    this.addExtra(directive.value,
"expressionValue", value);\n    return directive;\n  }\n\n  parseBlockBody(node, ...args) {\n
super.parseBlockBody(node, ...args);\n    const directiveStatements = node.directives.map(d =>
this.directiveToStmt(d));\n    node.body = directiveStatements.concat(node.body);\n    delete node.directives;\n
}\n\n  pushClassMethod(classBody, method, isGenerator, isAsync, isConstructor, allowsDirectSuper) {\n
this.parseMethod(method, isGenerator, isAsync, isConstructor, allowsDirectSuper, "ClassMethod", true);\n\n    if
(method.typeParameters) {\n    method.value.typeParameters = method.typeParameters;\n    delete
method.typeParameters;\n    }\n\n    classBody.body.push(method);\n  }\n\n  parseExprAtom(refExpressionErrors)
{\n    switch (this.state.type) {\n    case types$1.num:\n    case types$1.string:\n    return
this.estreeParseLiteral(this.state.value);\n\n    case types$1.regexp:\n    return
this.estreeParseRegExpLiteral(this.state.value);\n\n    case types$1.bigint:\n    return

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this.estreeParseBigIntLiteral(this.state.value);\n\n case types$1.decimal:\n\n return
this.estreeParseDecimalLiteral(this.state.value);\n\n case types$1._null:\n\n return
this.estreeParseLiteral(null);\n\n case types$1._true:\n\n return this.estreeParseLiteral(true);\n\n case
types$1._false:\n\n return this.estreeParseLiteral(false);\n\n default:\n\n return
super.parseExprAtom(refExpressionErrors);\n\n }\n\n }\n\n\n parseMaybePrivateName(...args) {\n\n const node =
super.parseMaybePrivateName(...args);\n\n\n if (node.type === \"PrivateName\" &&
this.getPluginOption(\"estree\", \"classFeatures\")) {\n\n return
this.convertPrivateNameToPrivateIdentifier(node);\n\n }\n\n\n return node;\n\n }\n\n\n
convertPrivateNameToPrivateIdentifier(node) {\n\n const name = super.getPrivateNameSV(node);\n\n node =
node;\n\n delete node.id;\n\n node.name = name;\n\n node.type = \"PrivateIdentifier\";\n\n return node;\n\n }\n\n\n
isPrivateName(node) {\n\n if (!this.getPluginOption(\"estree\", \"classFeatures\")) {\n\n return
super.isPrivateName(node);\n\n }\n\n\n return node.type === \"PrivateIdentifier\";\n\n }\n\n\n
getPrivateNameSV(node) {\n\n if (!this.getPluginOption(\"estree\", \"classFeatures\")) {\n\n return
super.getPrivateNameSV(node);\n\n }\n\n\n return node.name;\n\n }\n\n\n\n parseLiteral(value, type, startPos, startLoc)
{\n\n const node = super.parseLiteral(value, type, startPos, startLoc);\n\n node.raw = node.extra.raw;\n\n delete
node.extra;\n\n return node;\n\n }\n\n\n\n parseFunctionBody(node, allowExpression, isMethod = false) {\n\n
super.parseFunctionBody(node, allowExpression, isMethod);\n\n node.expression = node.body.type !==
\"BlockStatement\";\n\n }\n\n\n\n parseMethod(node, isGenerator, isAsync, isConstructor, allowDirectSuper, type,
inClassScope = false) {\n\n let funcNode = this.startNode();\n\n funcNode.kind = node.kind;\n\n funcNode =
super.parseMethod(funcNode, isGenerator, isAsync, isConstructor, allowDirectSuper, type, inClassScope);\n\n
funcNode.type = \"FunctionExpression\";\n\n delete funcNode.kind;\n\n node.value = funcNode;\n\n\n if (type ===
\"ClassPrivateMethod\") {\n\n node.computed = false;\n\n }\n\n\n type = \"MethodDefinition\";\n\n return
this.finishNode(node, type);\n\n }\n\n\n\n parseClassProperty(...args) {\n\n const propertyNode =
super.parseClassProperty(...args);\n\n\n if (this.getPluginOption(\"estree\", \"classFeatures\")) {\n\n
propertyNode.type = \"PropertyDefinition\";\n\n }\n\n\n return propertyNode;\n\n }\n\n\n\n
parseClassPrivateProperty(...args) {\n\n const propertyNode = super.parseClassPrivateProperty(...args);\n\n\n if
(this.getPluginOption(\"estree\", \"classFeatures\")) {\n\n propertyNode.type = \"PropertyDefinition\";\n\n
propertyNode.computed = false;\n\n }\n\n\n return propertyNode;\n\n }\n\n\n\n parseObjectMethod(prop, isGenerator,
isAsync, isPattern, isAccessor) {\n\n const node = super.parseObjectMethod(prop, isGenerator, isAsync, isPattern,
isAccessor);\n\n\n if (node) {\n\n node.type = \"Property\";\n\n if (node.kind === \"method\") node.kind =
\"init\";\n\n node.shorthand = false;\n\n }\n\n\n return node;\n\n }\n\n\n\n parseObjectProperty(prop, startPos, startLoc,
isPattern, refExpressionErrors) {\n\n const node = super.parseObjectProperty(prop, startPos, startLoc, isPattern,
refExpressionErrors);\n\n\n if (node) {\n\n node.kind = \"init\";\n\n node.type = \"Property\";\n\n }\n\n\n return
node;\n\n }\n\n\n\n toAssignable(node, isLHS = false) {\n\n if (node != null && this.isObjectProperty(node)) {\n\n
this.toAssignable(node.value, isLHS);\n\n return node;\n\n }\n\n\n return super.toAssignable(node, isLHS);\n\n }\n\n\n\n
toAssignableObjectExpressionProp(prop, ...args) {\n\n if (prop.kind === \"get\" || prop.kind === \"set\") {\n\n
this.raise(prop.key.start, ErrorMessages.PatternHasAccessor);\n\n } else if (prop.method) {\n\n
this.raise(prop.key.start, ErrorMessages.PatternHasMethod);\n\n } else {\n\n
super.toAssignableObjectExpressionProp(prop, ...args);\n\n }\n\n\n }\n\n\n\n finishCallExpression(node, optional) {\n\n
super.finishCallExpression(node, optional);\n\n\n if (node.callee.type === \"Import\") {\n\n node.type =
\"ImportExpression\";\n\n node.source = node.arguments[0];\n\n\n if (this.hasPlugin(\"importAssertions\")) {\n\n
var _node$arguments$;\n\n node.attributes = (_node$arguments$ = node.arguments[1]) != null ?
_node$arguments$ : null;\n\n }\n\n\n delete node.arguments;\n\n delete node.callee;\n\n }\n\n\n return node;\n\n
}\n\n\n\n toReferencedArguments(node) {\n\n if (node.type === \"ImportExpression\") {\n\n return;\n\n }\n\n\n
super.toReferencedArguments(node);\n\n }\n\n\n\n parseExport(node) {\n\n super.parseExport(node);\n\n\n switch
(node.type) {\n\n case \"ExportAllDeclaration\":\n\n node.exported = null;\n\n break;\n\n case
\"ExportNamedDeclaration\":\n\n if (node.specifiers.length === 1 && node.specifiers[0].type ===
\"ExportNamespaceSpecifier\") {\n\n node.type = \"ExportAllDeclaration\";\n\n node.exported =

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node.specifiers[0].exported;\n      delete node.specifiers;\n    }\n\n    break;\n  }\n\n  return node;\n }\n\nparseSubscript(base, startPos, startLoc, noCalls, state) {\n  const node = super.parseSubscript(base, startPos,\n  startLoc, noCalls, state);\n\n  if (state.optionalChainMember) {\n    if (node.type ===\n  \"OptionalMemberExpression\" || node.type === \"OptionalCallExpression\") {\n      node.type =\n  node.type.substring(8);\n    }\n\n    if (state.stop) {\n      const chain = this.startNodeAtNode(node);\n      chain.expression = node;\n      return this.finishNode(chain, \"ChainExpression\");\n    }\n  } else if (node.type\n  === \"MemberExpression\" || node.type === \"CallExpression\") {\n    node.optional = false;\n  }\n\n  return\n  node;\n }\n\nhasPropertyAsPrivateName(node) {\n  if (node.type === \"ChainExpression\") {\n    node =\n  node.expression;\n  }\n\n  return super.hasPropertyAsPrivateName(node);\n }\n\nisOptionalChain(node) {\n  return node.type === \"ChainExpression\";\n }\n\nisObjectProperty(node) {\n  return node.type === \"Property\"\n  && node.kind === \"init\" && !node.method;\n }\n\nisObjectMethod(node) {\n  return node.method || node.kind\n  === \"get\" || node.kind === \"set\";\n }\n}\n\nclass TokContext {\n  constructor(token, isExpr, preserveSpace,\n  override) {\n    this.token = void 0;\n    this.isExpr = void 0;\n    this.preserveSpace = void 0;\n    this.override = void\n  0;\n    this.token = token;\n    this.isExpr = !!isExpr;\n    this.preserveSpace = !!preserveSpace;\n    this.override =\n  override;\n  }\n\n  \n  const types = {\n    braceStatement: new TokContext(\"{\", false),\n    braceExpression: new\n  TokContext(\"{\", true),\n    recordExpression: new TokContext(\"#{\", true),\n    templateQuasi: new\n  TokContext(\"${\", false),\n    parenStatement: new TokContext(\"(\", false),\n    parenExpression: new\n  TokContext(\"(\", true),\n    template: new TokContext(\"`\", true, true, p => p.readTplToken()),\n    functionExpression: new TokContext(\"function\", true),\n    functionStatement: new TokContext(\"function\",\n  false)\n  };\n  \n  types.$1.parenR.updateContext = types.$1.braceR.updateContext = function () {\n    if\n  (this.state.context.length === 1) {\n      this.state.exprAllowed = true;\n      return;\n    }\n\n    let out =\n  this.state.context.pop();\n\n    if (out === types.braceStatement && this.curContext().token === \"function\") {\n      out =\n  this.state.context.pop();\n    }\n\n    this.state.exprAllowed = !out.isExpr;\n  }\n  \n  types.$1.name.updateContext =\n  function (prevType) {\n    let allowed = false;\n\n    if (prevType !== types.$1.dot) {\n      if (this.state.value === \"of\"\n      && !this.state.exprAllowed && prevType !== types.$1._function && prevType !== types.$1._class) {\n        allowed\n      = true;\n      }\n    }\n\n    this.state.exprAllowed = allowed;\n  }\n  \n  types.$1.braceL.updateContext = function (prevType)\n  {\n    this.state.context.push(this.braceIsBlock(prevType) ? types.braceStatement : types.braceExpression);\n\n    this.state.exprAllowed = true;\n  }\n  \n  types.$1.dollarBraceL.updateContext = function () {\n\n    this.state.context.push(types.templateQuasi);\n    this.state.exprAllowed = true;\n  }\n  \n  types.$1.parenL.updateContext\n  = function (prevType) {\n    const statementParens = prevType === types.$1._if || prevType === types.$1._for ||\n  prevType === types.$1._with || prevType === types.$1._while;\n\n    this.state.context.push(statementParens ?\n  types.parenStatement : types.parenExpression);\n\n    this.state.exprAllowed =\n  true;\n  }\n  \n  types.$1.incDec.updateContext = function () {};\n  \n  types.$1._function.updateContext =\n  types.$1._class.updateContext = function (prevType) {\n    if (prevType.beforeExpr && prevType !== types.$1.semi\n    && prevType !== types.$1._else && !(prevType === types.$1._return && this.hasPrecedingLineBreak()) &&\n    !((prevType === types.$1.colon || prevType === types.$1.braceL) && this.curContext() === types.b_stat)) {\n      this.state.context.push(types.functionExpression);\n    } else {\n      this.state.context.push(types.functionStatement);\n    }\n\n    this.state.exprAllowed = false;\n  }\n  \n  types.$1.backQuote.updateContext = function () {\n    if\n  (this.curContext() === types.template) {\n      this.state.context.pop();\n    } else {\n      this.state.context.push(types.template);\n    }\n\n    this.state.exprAllowed =\n  false;\n  }\n  \n  types.$1.braceHashL.updateContext = function () {\n    this.state.context.push(types.recordExpression);\n\n    this.state.exprAllowed = true;\n  }\n  \n  let nonASCIIIdentifierStartChars = \"\\|xaa|xb5|xba|xc0-|xd6|xd8-|\n  |xf6|xf8-|u02c1|u02c6-|u02d1|u02e0-|u02e4|u02ec|u02ee|u0370-|u0374|u0376|u0377|u037a-|\n  |u037d|u037f|u0386|u0388-|u038a|u038c|u038e-|u03a1|u03a3-|u03f5|u03f7-|u0481|u048a-|\n  |u052f|u0531-|u0556|u0559|u0560-|u0588|u05d0-|u05ea|u05ef-|u05f2|u0620-|\n  |u064a|u066e|u066f|u0671-|u06d3|u06d5|u06e5|u06e6|u06ee|u06ef|u06fa-|u06fc|u06ff|u0710|u0712-|\n  |u072f|u074d-|u07a5|u07b1|u07ca-|u07ea|u07f4|u07f5|u07fa|u0800-|u0815|u081a|u0824|u0828|u0840-|\n  |u0858|u0860-|u086a|u08a0-|u08b4|u08b6-|u08c7|u0904-|u0939|u093d|u0950|u0958-|u0961|u0971-

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\\u0980\\u0985-\\u098c\\u098f\\u0990\\u0993-\\u09a8\\u09aa-\\u09b0\\u09b2\\u09b6-
\\u09b9\\u09bd\\u09ce\\u09dc\\u09dd\\u09df-\\u09e1\\u09f0\\u09f1\\u09fc\\u0a05-\\u0a0a\\u0a0f\\u0a10\\u0a13-
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\\ufb3c\\ufb3e\\ufb40\\ufb41\\ufb43\\ufb44\\ufb46-\\ufbb1\\ufbd3-\\ufd3d\\ufd50-\\ufd8f\\ufd92-\\ufdc7\\ufdf0-
\\ufdfb\\ufe70-\\ufe74\\ufe76-\\ufefc\\uff21-\\uff3a\\uff41-\\uff5a\\uff66-\\uffbe\\uffc2-\\uffc7\\uffca-\\uffcf\\uffd2-
\\uffd7\\uffda-\\uffdc";nlet nonASCIIIdentifierChars = '\\u200c\\u200d\\xb7\\u0300-\\u036f\\u0387\\u0483-
\\u0487\\u0591-\\u05bd\\u05bf\\u05c1\\u05c2\\u05c4\\u05c5\\u05c7\\u0610-\\u061a\\u064b-\\u0669\\u0670\\u06d6-
\\u06dc\\u06df-\\u06e4\\u06e7\\u06e8\\u06ea-\\u06ed\\u06f0-\\u06f9\\u0711\\u0730-\\u074a\\u07a6-\\u07b0\\u07c0-
\\u07c9\\u07eb-\\u07f3\\u07fd\\u0816-\\u0819\\u081b-\\u0823\\u0825-\\u0827\\u0829-\\u082d\\u0859-
\\u085b\\u08d3-\\u08e1\\u08e3-\\u0903\\u093a-\\u093c\\u093e-\\u094f\\u0951-\\u0957\\u0962\\u0963\\u0966-

\\u096f\\u0981-\\u0983\\u09bc\\u09be-\\u09c4\\u09c7\\u09c8\\u09cb-\\u09cd\\u09d7\\u09e2\\u09e3\\u09e6-
\\u09ef\\u09fe\\u0a01-\\u0a03\\u0a3c\\u0a3e-\\u0a42\\u0a47\\u0a48\\u0a4b-\\u0a4d\\u0a51\\u0a66-
\\u0a71\\u0a75\\u0a81-\\u0a83\\u0abc\\u0abe-\\u0ac5\\u0ac7-\\u0ac9\\u0acb-\\u0acd\\u0ae2\\u0ae3\\u0ae6-
\\u0aef\\u0afa-\\u0aff\\u0b01-\\u0b03\\u0b3c\\u0b3e-\\u0b44\\u0b47\\u0b48\\u0b4b-\\u0b4d\\u0b55-
\\u0b57\\u0b62\\u0b63\\u0b66-\\u0b6f\\u0b82\\u0bbe-\\u0bc2\\u0bc6-\\u0bc8\\u0bca-\\u0bcd\\u0bd7\\u0be6-
\\u0bef\\u0c00-\\u0c04\\u0c3e-\\u0c44\\u0c46-\\u0c48\\u0c4a-\\u0c4d\\u0c55\\u0c56\\u0c62\\u0c63\\u0c66-
\\u0c6f\\u0c81-\\u0c83\\u0cbc\\u0cbe-\\u0cc4\\u0cc6-\\u0cc8\\u0cca-\\u0ccd\\u0cd5\\u0cd6\\u0ce2\\u0ce3\\u0ce6-
\\u0cef\\u0d00-\\u0d03\\u0d3b\\u0d3c\\u0d3e-\\u0d44\\u0d46-\\u0d48\\u0d4a-
\\u0d4d\\u0d57\\u0d62\\u0d63\\u0d66-\\u0d6f\\u0d81-\\u0d83\\u0dca\\u0dcf-\\u0dd4\\u0dd6\\u0dd8-\\u0ddf\\u0de6-
\\u0def\\u0df2\\u0df3\\u0e31\\u0e34-\\u0e3a\\u0e47-\\u0e4e\\u0e50-\\u0e59\\u0eb1\\u0eb4-\\u0ebc\\u0ec8-
\\u0ecd\\u0ed0-\\u0ed9\\u0f18\\u0f19\\u0f20-\\u0f29\\u0f35\\u0f37\\u0f39\\u0f3e\\u0f3f\\u0f71-
\\u0f84\\u0f86\\u0f87\\u0f8d-\\u0f97\\u0f99-\\u0fbc\\u0fc6\\u102b-\\u103e\\u1040-\\u1049\\u1056-\\u1059\\u105e-
\\u1060\\u1062-\\u1064\\u1067-\\u106d\\u1071-\\u1074\\u1082-\\u108d\\u108f-\\u109d\\u135d-\\u135f\\u1369-
\\u1371\\u1712-\\u1714\\u1732-\\u1734\\u1752\\u1753\\u1772\\u1773\\u17b4-\\u17d3\\u17dd\\u17e0-
\\u17e9\\u180b-\\u180d\\u1810-\\u1819\\u18a9\\u1920-\\u192b\\u1930-\\u193b\\u1946-\\u194f\\u19d0-
\\u19da\\u1a17-\\u1a1b\\u1a55-\\u1a5e\\u1a60-\\u1a7c\\u1a7f-\\u1a89\\u1a90-\\u1a99\\u1ab0-
\\u1abd\\u1abf\\u1ac0\\u1b00-\\u1b04\\u1b34-\\u1b44\\u1b50-\\u1b59\\u1b6b-\\u1b73\\u1b80-\\u1b82\\u1ba1-
\\u1bad\\u1bb0-\\u1bb9\\u1be6-\\u1bf3\\u1c24-\\u1c37\\u1c40-\\u1c49\\u1c50-\\u1c59\\u1cd0-\\u1cd2\\u1cd4-
\\u1ce8\\u1ced\\u1cf4\\u1cf7-\\u1cf9\\u1dc0-\\u1df9\\u1dfb-\\u1dff\\u203f\\u2040\\u2054\\u20d0-
\\u20dc\\u20e1\\u20e5-\\u20f0\\u2cef-\\u2cf1\\u2d7f\\u2de0-\\u2dff\\u302a-\\u302f\\u3099\\u309a\\ua620-
\\ua629\\ua66f\\ua674-\\ua67d\\ua69e\\ua69f\\ua6f0\\ua6f1\\ua802\\ua806\\ua80b\\ua823-
\\ua827\\ua82c\\ua880\\ua881\\ua8b4-\\ua8c5\\ua8d0-\\ua8d9\\ua8e0-\\ua8f1\\ua8ff-\\ua909\\ua926-\\ua92d\\ua947-
\\ua953\\ua980-\\ua983\\ua9b3-\\ua9c0\\ua9d0-\\ua9d9\\ua9e5\\ua9f0-\\ua9f9\\uaa29-
\\uaa36\\uaa43\\uaa4c\\uaa4d\\uaa50-\\uaa59\\uaa7b-\\uaa7d\\uaab0\\uaab2-
\\uaab4\\uaab7\\uaab8\\uaabe\\uaabf\\uaac1\\uaaeb-\\uaaef\\uaaf5\\uaaf6\\uabe3-\\uabea\\uabec\\uabed\\uabf0-
\\uabf9\\ufb1e\\ufe00-\\ufe0f\\ufe20-\\ufe2f\\ufe33\\ufe34\\ufe4d-\\ufe4f\\uff10-\\uff19\\uff3f";\nconst
nonASCIIIdentifierStart = new RegExp("[\" + nonASCIIIdentifierStartChars + '\"]");\nconst nonASCIIIdentifier =
new RegExp("[\" + nonASCIIIdentifierStartChars + nonASCIIIdentifierChars +
'\"]");\nnonASCIIIdentifierStartChars = nonASCIIIdentifierChars = null;\nconst astralIdentifierStartCodes = [0, 11,
2, 25, 2, 18, 2, 1, 2, 14, 3, 13, 35, 122, 70, 52, 268, 28, 4, 48, 48, 31, 14, 29, 6, 37, 11, 29, 3, 35, 5, 7, 2, 4, 43, 157,
19, 35, 5, 35, 5, 39, 9, 51, 157, 310, 10, 21, 11, 7, 153, 5, 3, 0, 2, 43, 2, 1, 4, 0, 3, 22, 11, 22, 10, 30, 66, 18, 2, 1, 11,
21, 11, 25, 71, 55, 7, 1, 65, 0, 16, 3, 2, 2, 2, 28, 43, 28, 4, 28, 36, 7, 2, 27, 28, 53, 11, 21, 11, 18, 14, 17, 111, 72, 56,
50, 14, 50, 14, 35, 349, 41, 7, 1, 79, 28, 11, 0, 9, 21, 107, 20, 28, 22, 13, 52, 76, 44, 33, 24, 27, 35, 30, 0, 3, 0, 9, 34,
4, 0, 13, 47, 15, 3, 22, 0, 2, 0, 36, 17, 2, 24, 85, 6, 2, 0, 2, 3, 2, 14, 2, 9, 8, 46, 39, 7, 3, 1, 3, 21, 2, 6, 2, 1, 2, 4, 4, 0,
19, 0, 13, 4, 159, 52, 19, 3, 21, 2, 31, 47, 21, 1, 2, 0, 185, 46, 42, 3, 37, 47, 21, 0, 60, 42, 14, 0, 72, 26, 230, 43, 117,
63, 32, 7, 3, 0, 3, 7, 2, 1, 2, 23, 16, 0, 2, 0, 95, 7, 3, 38, 17, 0, 2, 0, 29, 0, 11, 39, 8, 0, 22, 0, 12, 45, 20, 0, 35, 56, 264,
8, 2, 36, 18, 0, 50, 29, 113, 6, 2, 1, 2, 37, 22, 0, 26, 5, 2, 1, 2, 31, 15, 0, 328, 18, 190, 0, 80, 921, 103, 110, 18, 195,
2749, 1070, 4050, 582, 8634, 568, 8, 30, 114, 29, 19, 47, 17, 3, 32, 20, 6, 18, 689, 63, 129, 74, 6, 0, 67, 12, 65, 1, 2,
0, 29, 6135, 9, 1237, 43, 8, 8952, 286, 50, 2, 18, 3, 9, 395, 2309, 106, 6, 12, 4, 8, 8, 9, 5991, 84, 2, 70, 2, 1, 3, 0, 3, 1,
3, 3, 2, 11, 2, 0, 2, 6, 2, 64, 2, 3, 3, 7, 2, 6, 2, 27, 2, 3, 2, 4, 2, 0, 4, 6, 2, 339, 3, 24, 2, 24, 2, 30, 2, 24, 2, 30, 2, 24, 2,
30, 2, 24, 2, 30, 2, 24, 2, 7, 2357, 44, 11, 6, 17, 0, 370, 43, 1301, 196, 60, 67, 8, 0, 1205, 3, 2, 26, 2, 1, 2, 0, 3, 0, 2, 9,
2, 3, 2, 0, 2, 0, 7, 0, 5, 0, 2, 0, 2, 2, 2, 1, 2, 0, 3, 0, 2, 0, 2, 0, 2, 0, 2, 1, 2, 0, 3, 3, 2, 6, 2, 3, 2, 3, 2, 0, 2, 9, 2,
16, 6, 2, 2, 4, 2, 16, 4421, 42717, 35, 4148, 12, 221, 3, 5761, 15, 7472, 3104, 541, 1507, 4938];\nconst
astralIdentifierCodes = [509, 0, 227, 0, 150, 4, 294, 9, 1368, 2, 2, 1, 6, 3, 41, 2, 5, 0, 166, 1, 574, 3, 9, 9, 370, 1, 154,
10, 176, 2, 54, 14, 32, 9, 16, 3, 46, 10, 54, 9, 7, 2, 37, 13, 2, 9, 6, 1, 45, 0, 13, 2, 49, 13, 9, 3, 2, 11, 83, 11, 7, 0, 161,
11, 6, 9, 7, 3, 56, 1, 2, 6, 3, 1, 3, 2, 10, 0, 11, 1, 3, 6, 4, 4, 193, 17, 10, 9, 5, 0, 82, 19, 13, 9, 214, 6, 3, 8, 28, 1, 83, 16,
16, 9, 82, 12, 9, 9, 84, 14, 5, 9, 243, 14, 166, 9, 71, 5, 2, 1, 3, 3, 2, 0, 2, 1, 13, 9, 120, 6, 3, 6, 4, 0, 29, 9, 41, 6, 2, 3, 9,
0, 10, 10, 47, 15, 406, 7, 2, 7, 17, 9, 57, 21, 2, 13, 123, 5, 4, 0, 2, 1, 2, 6, 2, 0, 9, 9, 49, 4, 2, 1, 2, 4, 9, 9, 330, 3,

```

19306, 9, 135, 4, 60, 6, 26, 9, 1014, 0, 2, 54, 8, 3, 82, 0, 12, 1, 19628, 1, 5319, 4, 4, 5, 9, 7, 3, 6, 31, 3, 149, 2, 1418,
49, 513, 54, 5, 49, 9, 0, 15, 0, 23, 4, 2, 14, 1361, 6, 2, 16, 3, 6, 2, 1, 2, 4, 262, 6, 10, 9, 419, 13, 1495, 6, 110, 6, 6, 9,
4759, 9, 787719, 239];\n\nfunction isInAstralSet(code, set) {\n  let pos = 0x10000;\n  for (let i = 0, length =
set.length; i < length; i += 2) {\n    pos += set[i];\n    if (pos > code) return false;\n    pos += set[i + 1];\n    if (pos >=
code) return true;\n  }\n  return false;\n}\n\nfunction isIdentifierStart(code) {\n  if (code < 65) return code ===
36;\n  if (code <= 90) return true;\n  if (code < 97) return code === 95;\n  if (code <= 122) return true;\n  if (code
<= 0xffff) {\n    return code >= 0xaa && nonASCIIIdentifierStart.test(String.fromCharCode(code));\n  }\n  return
isInAstralSet(code, astralIdentifierStartCodes);\n}\n\nfunction isIdentifierChar(code) {\n  if (code < 48) return code
=== 36;\n  if (code < 58) return true;\n  if (code < 65) return false;\n  if (code <= 90) return true;\n  if (code < 97)
return code === 95;\n  if (code <= 122) return true;\n  if (code <= 0xffff) {\n    return code >= 0xaa &&
nonASCIIIdentifierStart.test(String.fromCharCode(code));\n  }\n  return isInAstralSet(code, astralIdentifierStartCodes)
|| isInAstralSet(code, astralIdentifierCodes);\n}\n\nconst reservedWords = {\n  keyword: ["break", "case",
"catch", "continue", "debugger", "default", "do", "else", "finally", "for", "function", "if", "return",
"switch", "throw", "try", "var", "const", "while", "with", "new", "this", "super", "class", "extends",
"export", "import", "null", "true", "false", "in", "instanceof", "typeof", "void", "delete"],\n  strict:
["implements", "interface", "let", "package", "private", "protected", "public", "static", "yield"],\n  strictBind:
["eval", "arguments"]\n};\nconst keywords = new Set(reservedWords.keyword);\nconst
reservedWordsStrictSet = new Set(reservedWords.strict);\nconst reservedWordsStrictBindSet = new
Set(reservedWords.strictBind);\nfunction isReservedWord(word, inModule) {\n  return inModule && word ===
"await" || word === "enum";\n}\nfunction isStrictReservedWord(word, inModule) {\n  return
isReservedWord(word, inModule) || reservedWordsStrictSet.has(word);\n}\nfunction
isStrictBindOnlyReservedWord(word) {\n  return reservedWordsStrictBindSet.has(word);\n}\nfunction
isStrictBindReservedWord(word, inModule) {\n  return isStrictReservedWord(word, inModule) ||
isStrictBindOnlyReservedWord(word);\n}\nfunction isKeyword(word) {\n  return keywords.has(word);\n}\n\nconst
keywordRelationalOperator = /^in(stanceof)?$/;\nfunction isIteratorStart(current, next) {\n  return current === 64
&& next === 64;\n}\n\nconst SCOPE_OTHER = 0b000000000,\n  SCOPE_PROGRAM = 0b000000001,\n
SCOPE_FUNCTION = 0b000000010,\n  SCOPE_ARROW = 0b000000100,\n  SCOPE_SIMPLE_CATCH =
0b000001000,\n  SCOPE_SUPER = 0b000010000,\n  SCOPE_DIRECT_SUPER = 0b000100000,\n
SCOPE_CLASS = 0b001000000,\n  SCOPE_STATIC_BLOCK = 0b010000000,\n  SCOPE_TS_MODULE =
0b100000000,\n  SCOPE_VAR = SCOPE_PROGRAM | SCOPE_FUNCTION | SCOPE_TS_MODULE;\nconst
BIND_KIND_VALUE = 0b000000000001,\n  BIND_KIND_TYPE = 0b000000000010,\n
BIND_SCOPE_VAR = 0b000000000100,\n  BIND_SCOPE_LEXICAL = 0b000000001000,\n
BIND_SCOPE_FUNCTION = 0b000000010000,\n  BIND_FLAGS_NONE = 0b000001000000,\n
BIND_FLAGS_CLASS = 0b000010000000,\n  BIND_FLAGS_TS_ENUM = 0b000100000000,\n
BIND_FLAGS_TS_CONST_ENUM = 0b001000000000,\n  BIND_FLAGS_TS_EXPORT_ONLY =
0b010000000000,\n  BIND_FLAGS_FLOW_DECLARE_FN = 0b100000000000;\nconst BIND_CLASS =
BIND_KIND_VALUE | BIND_KIND_TYPE | BIND_SCOPE_LEXICAL | BIND_FLAGS_CLASS,\n
BIND_LEXICAL = BIND_KIND_VALUE | 0 | BIND_SCOPE_LEXICAL | 0,\n  BIND_VAR =
BIND_KIND_VALUE | 0 | BIND_SCOPE_VAR | 0,\n  BIND_FUNCTION = BIND_KIND_VALUE | 0 |
BIND_SCOPE_FUNCTION | 0,\n  BIND_TS_INTERFACE = 0 | BIND_KIND_TYPE | 0 |
BIND_FLAGS_CLASS,\n  BIND_TS_TYPE = 0 | BIND_KIND_TYPE | 0 | 0,\n  BIND_TS_ENUM =
BIND_KIND_VALUE | BIND_KIND_TYPE | BIND_SCOPE_LEXICAL | BIND_FLAGS_TS_ENUM,\n
BIND_TS_AMBIENT = 0 | 0 | 0 | BIND_FLAGS_TS_EXPORT_ONLY,\n  BIND_NONE = 0 | 0 | 0 |
BIND_FLAGS_NONE,\n  BIND_OUTSIDE = BIND_KIND_VALUE | 0 | 0 | BIND_FLAGS_NONE,\n
BIND_TS_CONST_ENUM = BIND_TS_ENUM | BIND_FLAGS_TS_CONST_ENUM,\n
BIND_TS_NAMESPACE = 0 | 0 | 0 | BIND_FLAGS_TS_EXPORT_ONLY,\n  BIND_FLOW_DECLARE_FN =
BIND_FLAGS_FLOW_DECLARE_FN;\nconst CLASS_ELEMENT_FLAG_STATIC = 0b100,\n
CLASS_ELEMENT_KIND_GETTER = 0b010,\n  CLASS_ELEMENT_KIND_SETTER = 0b001,\n

```



```

CLASS_ELEMENT_KIND_ACCESSOR = CLASS_ELEMENT_KIND_GETTER |
CLASS_ELEMENT_KIND_SETTER;\nconst CLASS_ELEMENT_STATIC_GETTER =
CLASS_ELEMENT_KIND_GETTER | CLASS_ELEMENT_FLAG_STATIC,\n
CLASS_ELEMENT_STATIC_SETTER = CLASS_ELEMENT_KIND_SETTER |
CLASS_ELEMENT_FLAG_STATIC,\n  CLASS_ELEMENT_INSTANCE_GETTER =
CLASS_ELEMENT_KIND_GETTER,\n  CLASS_ELEMENT_INSTANCE_SETTER =
CLASS_ELEMENT_KIND_SETTER,\n  CLASS_ELEMENT_OTHER = 0;\n\nclass Scope {\n
  constructor(flags) {\n    this.flags = void 0;\n    this.var = [];\n    this.lexical = [];\n    this.functions = [];\n    this.flags
= flags;\n  }\n\n}\n\nclass ScopeHandler {\n  constructor(raise, inModule) {\n    this.scopeStack = [];\n
this.undefinedExports = new Map();\n    this.undefinedPrivateNames = new Map();\n    this.raise = raise;\n
this.inModule = inModule;\n  }\n\n  get inFunction() {\n    return (this.currentVarScope().flags &
SCOPE_FUNCTION) > 0;\n  }\n\n  get allowSuper() {\n    return (this.currentThisScope().flags & SCOPE_SUPER)
> 0;\n  }\n\n  get allowDirectSuper() {\n    return (this.currentThisScope().flags & SCOPE_DIRECT_SUPER) > 0;\n
}\n\n  get inClass() {\n    return (this.currentThisScope().flags & SCOPE_CLASS) > 0;\n  }\n\n  get inStaticBlock()
{\n    return (this.currentThisScope().flags & SCOPE_STATIC_BLOCK) > 0;\n  }\n\n  get inNonArrowFunction()
{\n    return (this.currentThisScope().flags & SCOPE_FUNCTION) > 0;\n  }\n\n  get treatFunctionsAsVar() {\n
return this.treatFunctionsAsVarInScope(this.currentScope());\n  }\n\n  createScope(flags) {\n    return new
Scope(flags);\n  }\n\n  enter(flags) {\n    this.scopeStack.push(this.createScope(flags));\n  }\n\n  exit() {\n
this.scopeStack.pop();\n  }\n\n  treatFunctionsAsVarInScope(scope) {\n    return !(scope.flags &
SCOPE_FUNCTION || !this.inModule && scope.flags & SCOPE_PROGRAM);\n  }\n\n  declareName(name,
bindingType, pos) {\n    let scope = this.currentScope();\n\n    if (bindingType & BIND_SCOPE_LEXICAL ||
bindingType & BIND_SCOPE_FUNCTION) {\n      this.checkRedeclarationInScope(scope, name, bindingType,
pos);\n\n      if (bindingType & BIND_SCOPE_FUNCTION) {\n        scope.functions.push(name);\n      } else {\n
scope.lexical.push(name);\n      }\n\n      if (bindingType & BIND_SCOPE_LEXICAL) {\n
this.maybeExportDefined(scope, name);\n      }\n    } else if (bindingType & BIND_SCOPE_VAR) {\n      for (let i
= this.scopeStack.length - 1; i >= 0; --i) {\n        scope = this.scopeStack[i];\n
this.checkRedeclarationInScope(scope, name, bindingType, pos);\n        scope.var.push(name);\n
this.maybeExportDefined(scope, name);\n        if (scope.flags & SCOPE_VAR) break;\n      }\n    }\n\n    if
(this.inModule && scope.flags & SCOPE_PROGRAM) {\n      this.undefinedExports.delete(name);\n    }\n  }\n\n  maybeExportDefined(scope, name) {\n    if (this.inModule && scope.flags & SCOPE_PROGRAM) {\n
this.undefinedExports.delete(name);\n    }\n  }\n\n  checkRedeclarationInScope(scope, name, bindingType, pos) {\n
if (this.isRedeclaredInScope(scope, name, bindingType)) {\n    this.raise(pos, ErrorMessages.VarRedeclaration,
name);\n  }\n}\n\n  isRedeclaredInScope(scope, name, bindingType) {\n    if (!(bindingType &
BIND_KIND_VALUE)) return false;\n\n    if (bindingType & BIND_SCOPE_LEXICAL) {\n      return
scope.lexical.indexOf(name) > -1 || scope.functions.indexOf(name) > -1 || scope.var.indexOf(name) > -1;\n    }\n\n
if (bindingType & BIND_SCOPE_FUNCTION) {\n      return scope.lexical.indexOf(name) > -1 ||
!this.treatFunctionsAsVarInScope(scope) && scope.var.indexOf(name) > -1;\n    }\n\n    return
scope.lexical.indexOf(name) > -1 && !(scope.flags & SCOPE_SIMPLE_CATCH && scope.lexical[0] === name) ||
!this.treatFunctionsAsVarInScope(scope) && scope.functions.indexOf(name) > -1;\n  }\n\n  checkLocalExport(id)
{\n    if (this.scopeStack[0].lexical.indexOf(id.name) === -1 && this.scopeStack[0].var.indexOf(id.name) === -1
&& this.scopeStack[0].functions.indexOf(id.name) === -1) {\n      this.undefinedExports.set(id.name, id.start);\n
}\n  }\n\n  currentScope() {\n    return this.scopeStack[this.scopeStack.length - 1];\n  }\n\n  currentVarScope() {\n
for (let i = this.scopeStack.length - 1; i--;) {\n      const scope = this.scopeStack[i];\n\n      if (scope.flags &
SCOPE_VAR) {\n        return scope;\n      }\n    }\n  }\n\n  currentThisScope() {\n    for (let i =
this.scopeStack.length - 1; i--;) {\n      const scope = this.scopeStack[i];\n\n      if ((scope.flags & SCOPE_VAR ||
scope.flags & SCOPE_CLASS) && !(scope.flags & SCOPE_ARROW)) {\n        return scope;\n      }\n    }\n  }\n\n}\n\n\nclass FlowScope extends Scope {\n  constructor(...args) {\n    super(...args);\n    this.declareFunctions =
[];\n  }\n\n}\n\n\nclass FlowScopeHandler extends ScopeHandler {\n  createScope(flags) {\n    return new

```


before default assignments, e.g. instead of `age = 25: number` use `age: number = 25`.

TypeCastInPattern: "The type cast expression is expected to be wrapped with parenthesis."

UnexpectedExplicitInexactInObject: "Explicit inexact syntax must appear at the end of an inexact object."

UnexpectedReservedType: "Unexpected reserved type %0."

UnexpectedReservedUnderscore: "`_` is only allowed as a type argument to call or new."

UnexpectedSpaceBetweenModuloChecks: "Spaces between `%` and `checks` are not allowed here."

UnexpectedSpreadType: "Spread operator cannot appear in class or interface definitions."

UnexpectedSubtractionOperand: "Unexpected token, expected `number` or `bigint`."

UnexpectedTokenAfterTypeParameter: "Expected an arrow function after this type parameter declaration."

UnexpectedTypeParameterBeforeAsyncArrowFunction: "Type parameters must come after the async keyword, e.g. instead of `

UnsupportedDeclareExportKind: "`declare export %0` is not supported. Use `%1` instead."

UnsupportedStatementInDeclareModule: "Only declares and type imports are allowed inside declare module."

UnterminatedFlowComment: "Unterminated flow-comment."

```

ErrorCodes.SyntaxError);
function isEsModuleType(bodyElement) {
  return bodyElement.type ===
  "DeclareExportAllDeclaration" || bodyElement.type === "DeclareExportDeclaration" &&
  (!bodyElement.declaration || bodyElement.declaration.type !== "TypeAlias" && bodyElement.declaration.type
  !== "InterfaceDeclaration");
}
function hasTypeImportKind(node) {
  return node.importKind === "type" ||
  node.importKind === "typeof";
}
function isMaybeDefaultImport(state) {
  return (state.type ===
  types$1.name || !state.type.keyword) && state.value !== "from";
}
const exportSuggestions = {
  const: "declare export var",
  let: "declare export var",
  type: "export type",
  interface: "export
  interface";
}
function partition(list, test) {
  const list1 = [];
  const list2 = [];
  for (let i = 0; i < list.length;
  i++) {
    (test(list[i], i, list) ? list1 : list2).push(list[i]);
  }
  return [list1, list2];
}
const FLOW_PRAGMA_REGEX = /^(?:\s*@@((?:no)?flow)\b/;
nvar flow = (superClass => class extends superClass {
  constructor(...args) {
    super(...args);
    this.flowPragma = undefined;
  }
  getScopeHandler() {
    return
    FlowScopeHandler;
  }
  shouldParseTypes() {
    return this.getPluginOption("flow", "all") ||
    this.flowPragma === "flow";
  }
  shouldParseEnums() {
    return !this.getPluginOption("flow",
    "enums");
  }
  finishToken(type, val) {
    if (type !== types$1.string && type !== types$1.semi && type
    !== types$1.interpreterDirective) {
      if (this.flowPragma === undefined) {
        this.flowPragma = null;
      }
    }
    return super.finishToken(type, val);
  }
  addComment(comment) {
    if (this.flowPragma ===
    undefined) {
      const matches = FLOW_PRAGMA_REGEX.exec(comment.value);
      if (!matches) ; else if
      (matches[1] === "flow") {
        this.flowPragma = "flow";
      } else if (matches[1] === "noflow") {
        this.flowPragma = "noflow";
      } else {
        throw new Error("Unexpected flow pragma");
      }
    }
    return super.addComment(comment);
  }
  flowParseTypeInitialiser(tok) {
    const oldInType =
    this.state.inType;
    this.state.inType = true;
    this.expect(tok || types$1.colon);
    const type =
    this.flowParseType();
    this.state.inType = oldInType;
    return type;
  }
  flowParsePredicate() {
    const
    node = this.startNode();
    const moduloPos = this.state.start;
    this.next();
    this.expectContextual("checks");
    if (this.state.lastTokStart > moduloPos + 1) {
      this.raise(moduloPos,
      FlowErrors.UnexpectedSpaceBetweenModuloChecks);
    }
    if (this.eat(types$1.parenL)) {
      node.value =
      this.parseExpression();
      this.expect(types$1.parenR);
      return this.finishNode(node,
      "DeclaredPredicate");
    } else {
      return this.finishNode(node, "InferredPredicate");
    }
  }
  flowParseTypeAndPredicateInitialiser() {
    const oldInType = this.state.inType;
    this.state.inType = true;
    this.expect(types$1.colon);
    let type = null;
    let predicate = null;
    if (this.match(types$1.modulo)) {
      this.state.inType = oldInType;
      predicate = this.flowParsePredicate();
    } else {
      type =
      this.flowParseType();
      this.state.inType = oldInType;
      if (this.match(types$1.modulo)) {
        predicate
        = this.flowParsePredicate();
      }
    }
    return [type, predicate];
  }
  flowParseDeclareClass(node) {
    this.next();
    this.flowParseInterfaceish(node, true);
    return this.finishNode(node, "DeclareClass");
  }
  flowParseDeclareFunction(node) {
    this.next();
    const id = node.id = this.parseIdentifier();
    const typeNode
    = this.startNode();
    const typeContainer = this.startNode();
    if (this.isRelational("<")) {
      typeNode.typeParameters =
      this.flowParseTypeParameterDeclaration();
    } else {
      typeNode.typeParameters
  
```

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= null;\n } \n\n this.expect(types$1.parenL);\n const tmp = this.flowParseFunctionTypeParams();\n typeNode.params = tmp.params;\n typeNode.rest = tmp.rest;\n typeNode.this = tmp._this;\n this.expect(types$1.parenR);\n [typeNode.returnType, node.predicate] =\n this.flowParseTypeAndPredicateInitialiser();\n typeContainer.typeAnnotation = this.finishNode(typeNode,\n \"FunctionTypeAnnotation\");\n id.typeAnnotation = this.finishNode(typeContainer, \"TypeAnnotation\");\n this.resetEndLocation(id);\n this.semicolon();\n this.scope.declareName(node.id.name,\n BIND_FLOW_DECLARE_FN, node.id.start);\n return this.finishNode(node, \"DeclareFunction\");\n } \n\n flowParseDeclare(node, insideModule) {\n if (this.match(types$1._class)) {\n return\n this.flowParseDeclareClass(node);\n } else if (this.match(types$1._function)) {\n return\n this.flowParseDeclareFunction(node);\n } else if (this.match(types$1._var)) {\n return\n this.flowParseDeclareVariable(node);\n } else if (this.eatContextual(\"module\")) {\n if\n (this.match(types$1.dot)) {\n return this.flowParseDeclareModuleExports(node);\n } else {\n if\n (insideModule) {\n this.raise(this.state.lastTokStart, FlowErrors.NestedDeclareModule);\n }\n\n return this.flowParseDeclareModule(node);\n }\n } else if (this.isContextual(\"type\")) {\n return\n this.flowParseDeclareTypeAlias(node);\n } else if (this.isContextual(\"opaque\")) {\n return\n this.flowParseDeclareOpaqueType(node);\n } else if (this.isContextual(\"interface\")) {\n return\n this.flowParseDeclareInterface(node);\n } else if (this.match(types$1._export)) {\n return\n this.flowParseDeclareExportDeclaration(node, insideModule);\n } else {\n throw this.unexpected();\n }\n }\n\n flowParseDeclareVariable(node) {\n this.next();\n node.id =\n this.flowParseTypeAnnotatableIdentifier(true);\n this.scope.declareName(node.id.name, BIND_VAR,\n node.id.start);\n this.semicolon();\n return this.finishNode(node, \"DeclareVariable\");\n } \n\n flowParseDeclareModule(node) {\n this.scope.enter(SCOPE_OTHER);\n\n if (this.match(types$1.string)) {\n node.id = this.parseExprAtom();\n } else {\n node.id = this.parseIdentifier();\n }\n\n const bodyNode =\n node.body = this.startNode();\n const body = bodyNode.body = [];\n this.expect(types$1.braceL);\n\n while\n (!this.match(types$1.braceR)) {\n let bodyNode = this.startNode();\n\n if (this.match(types$1._import)) {\n this.next();\n\n if (!this.isContextual(\"type\") && !this.match(types$1._typeof)) {\n this.raise(this.state.lastTokStart, FlowErrors.InvalidNonTypeImportInDeclareModule);\n }\n\n this.parseImport(bodyNode);\n } else {\n this.expectContextual(\"declare\"),\n FlowErrors.UnsupportedStatementInDeclareModule);\n bodyNode = this.flowParseDeclare(bodyNode, true);\n }\n\n body.push(bodyNode);\n }\n\n this.scope.exit();\n this.expect(types$1.braceR);\n\n this.finishNode(bodyNode, \"BlockStatement\");\n let kind = null;\n let hasModuleExport = false;\n\n body.forEach(bodyElement => {\n if (isEsModuleType(bodyElement)) {\n if (kind === \"CommonJS\") {\n this.raise(bodyElement.start, FlowErrors.AmbiguousDeclareModuleKind);\n }\n\n kind = \"ES\";\n }\n\n } else if (bodyElement.type === \"DeclareModuleExports\") {\n if (hasModuleExport) {\n this.raise(bodyElement.start, FlowErrors.DuplicateDeclareModuleExports);\n }\n\n if (kind === \"ES\") {\n this.raise(bodyElement.start, FlowErrors.AmbiguousDeclareModuleKind);\n }\n\n kind =\n \"CommonJS\";\n hasModuleExport = true;\n }\n });\n\n node.kind = kind || \"CommonJS\";\n return\n this.finishNode(node, \"DeclareModule\");\n } \n\n flowParseDeclareExportDeclaration(node, insideModule) {\n this.expect(types$1._export);\n\n if (this.eat(types$1._default)) {\n if (this.match(types$1._function) ||\n this.match(types$1._class)) {\n node.declaration = this.flowParseDeclare(this.startNode());\n } else {\n node.declaration = this.flowParseType();\n this.semicolon();\n }\n\n node.default = true;\n return\n this.finishNode(node, \"DeclareExportDeclaration\");\n } else {\n if (this.match(types$1._const) || this.isLet() ||\n (this.isContextual(\"type\") || this.isContextual(\"interface\") && !insideModule)) {\n const label =\n this.state.value;\n const suggestion = exportSuggestions[label];\n throw this.raise(this.state.start,\n FlowErrors.UnsupportedDeclareExportKind, label, suggestion);\n }\n\n if (this.match(types$1._var) ||\n this.match(types$1._function) || this.match(types$1._class) || this.isContextual(\"opaque\")) {\n node.declaration = this.flowParseDeclare(this.startNode());\n node.default = false;\n return\n this.finishNode(node, \"DeclareExportDeclaration\");\n } else if (this.match(types$1.star) ||

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this.match(types$1.braceL) || this.isContextual("interface") || this.isContextual("type") ||
this.isContextual("opaque") {
  node = this.parseExport(node);
  if (node.type ===
"ExportNamedDeclaration") {
    node.type = "ExportDeclaration";
    node.default = false;
    delete node.exportKind;
  }
  node.type = "Declare" + node.type;
  return node;
}
throw this.unexpected();
}
flowParseDeclareModuleExports(node) {
  this.next();
  this.expectContextual("exports");
  node.typeAnnotation = this.flowParseTypeAnnotation();
  this.semicolon();
  return this.finishNode(node, "DeclareModuleExports");
}
flowParseDeclareTypeAlias(node) {
  this.next();
  this.flowParseTypeAlias(node);
  node.type =
"DeclareTypeAlias";
  return node;
}
flowParseDeclareOpaqueType(node) {
  this.next();
  this.flowParseOpaqueType(node, true);
  node.type = "DeclareOpaqueType";
  return node;
}
flowParseDeclareInterface(node) {
  this.next();
  this.flowParseInterfaceish(node);
  return
this.finishNode(node, "DeclareInterface");
}
flowParseInterfaceish(node, isClass = false) {
  node.id =
this.flowParseRestrictedIdentifier(!isClass, true);
  this.scope.declareName(node.id.name, isClass ?
BIND_FUNCTION : BIND_LEXICAL, node.id.start);
  if (this.isRelational("<")) {
    node.typeParameters
= this.flowParseTypeParameterDeclaration();
  } else {
    node.typeParameters = null;
  }
  node.extends
= [];
  node.implements = [];
  node.mixins = [];
  if (this.eat(types$1._extends)) {
    do {
      node.extends.push(this.flowParseInterfaceExtends());
    } while (!isClass && this.eat(types$1.comma));
  }
  if (this.isContextual("mixins")) {
    do {
      node.mixins.push(this.flowParseInterfaceExtends());
    } while (this.eat(types$1.comma));
  }
  if
(this.isContextual("implements")) {
    do {
      node.implements.push(this.flowParseInterfaceExtends());
    } while (this.eat(types$1.comma));
  }
  node.body = this.flowParseObjectType({
    allowStatic: isClass,
    allowExact: false,
    allowSpread:
false,
    allowProto: isClass,
    allowInexact: false
  });
  flowParseInterfaceExtends() {
    const
node = this.startNode();
    node.id = this.flowParseQualifiedTypeIdentifier();
    if (this.isRelational("<")) {
      node.typeParameters = this.flowParseTypeParameterInstantiation();
    } else {
      node.typeParameters = null;
    }
  }
  return this.finishNode(node, "InterfaceExtends");
}
flowParseInterface(node) {
  this.flowParseInterfaceish(node);
  return this.finishNode(node, "InterfaceDeclaration");
}
checkNotUnderscore(word) {
  if (word === "_") {
    this.raise(this.state.start,
FlowErrors.UnexpectedReservedUnderscore);
  }
}
checkReservedType(word, startLoc, declaration) {
  if (!reservedTypes.has(word)) return;
  this.raise(startLoc, declaration ? FlowErrors.AssignReservedType :
FlowErrors.UnexpectedReservedType, word);
}
flowParseRestrictedIdentifier(liberal, declaration) {
  this.checkReservedType(this.state.value, this.state.start, declaration);
  return this.parseIdentifier(liberal);
}
flowParseTypeAlias(node) {
  node.id = this.flowParseRestrictedIdentifier(false, true);
  this.scope.declareName(node.id.name, BIND_LEXICAL, node.id.start);
  if (this.isRelational("<")) {
    node.typeParameters = this.flowParseTypeParameterDeclaration();
  } else {
    node.typeParameters = null;
  }
  node.right = this.flowParseTypeInitialiser(types$1.eq);
  this.semicolon();
  return this.finishNode(node,
"TypeAlias");
}
flowParseOpaqueType(node, declare) {
  this.expectContextual("type");
  node.id =
this.flowParseRestrictedIdentifier(true, true);
  this.scope.declareName(node.id.name, BIND_LEXICAL,
node.id.start);
  if (this.isRelational("<")) {
    node.typeParameters =
this.flowParseTypeParameterDeclaration();
  } else {
    node.typeParameters = null;
  }
  node.supertype
= null;
  if (this.match(types$1.colon)) {
    node.supertype = this.flowParseTypeInitialiser(types$1.colon);
  }
  node.impltype = null;
  if (!declare) {
    node.impltype = this.flowParseTypeInitialiser(types$1.eq);
  }
  this.semicolon();
  return this.finishNode(node, "OpaqueType");
}
flowParseTypeParameter(requireDefault = false) {
  const nodeStart = this.state.start;
  const node =
this.startNode();
  const variance = this.flowParseVariance();
  const ident =
this.flowParseTypeAnnotatableIdentifier();
  node.name = ident.name;
  node.variance = variance;
  node.bound = ident.typeAnnotation;
  if (this.match(types$1.eq)) {
    this.eat(types$1.eq);
    node.default
= this.flowParseType();
  } else {
    if (requireDefault) {
      this.raise(nodeStart,

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FlowErrors.MissingTypeParamDefault);\n    }\n    }\n    return this.finishNode(node, \"TypeParameter\");\n  }\n\n  flowParseTypeParameterDeclaration() {\n    const oldInType = this.state.inType;\n    const node =\n    this.startNode();\n    node.params = [];\n    this.state.inType = true;\n    if (this.isRelational("<") ||\n    this.match(types$1.jsxTagStart)) {\n      this.next();\n    } else {\n      this.unexpected();\n    }\n    let\n    defaultRequired = false;\n    do {\n      const typeParameter = this.flowParseTypeParameter(defaultRequired);\n      node.params.push(typeParameter);\n      if (typeParameter.default) {\n        defaultRequired = true;\n      }\n    } while (!this.isRelational(">"));\n    this.expectRelational(">");\n    this.state.inType = oldInType;\n    return this.finishNode(node,\n    \"TypeParameterDeclaration\");\n  }\n\n  flowParseTypeParameterInstantiation() {\n    const node =\n    this.startNode();\n    const oldInType = this.state.inType;\n    node.params = [];\n    this.state.inType = true;\n    this.expectRelational("<");\n    const oldNoAnonFunctionType = this.state.noAnonFunctionType;\n    this.state.noAnonFunctionType = false;\n    while (!this.isRelational(">")) {\n      node.params.push(this.flowParseType());\n      if (!this.isRelational(">")) {\n        this.expect(types$1.comma);\n      }\n    }\n    this.state.noAnonFunctionType = oldNoAnonFunctionType;\n    this.expectRelational(">");\n    this.state.inType = oldInType;\n    return this.finishNode(node, \"TypeParameterInstantiation\");\n  }\n\n  flowParseTypeParameterInstantiationCallOrNew() {\n    const node = this.startNode();\n    const oldInType =\n    this.state.inType;\n    node.params = [];\n    this.state.inType = true;\n    this.expectRelational("<");\n    while\n    (!this.isRelational(">")) {\n      node.params.push(this.flowParseTypeOrImplicitInstantiation());\n      if\n    (!this.isRelational(">")) {\n        this.expect(types$1.comma);\n      }\n    }\n    this.expectRelational(">");\n    this.state.inType = oldInType;\n    return this.finishNode(node, \"TypeParameterInstantiation\");\n  }\n\n  flowParseInterfaceType() {\n    const node = this.startNode();\n    this.expectContextual(\"interface\");\n    node.extends = [];\n    if (this.eat(types$1._extends)) {\n      do {\n        node.extends.push(this.flowParseInterfaceExtends());\n      } while (this.eat(types$1.comma));\n    }\n    node.body\n    = this.flowParseObjectType({\n      allowStatic: false,\n      allowExact: false,\n      allowSpread: false,\n      allowProto: false,\n      allowInexact: false\n    });\n    return this.finishNode(node, \"InterfaceTypeAnnotation\");\n  }\n\n  flowParseObjectPropertyKey() {\n    return this.match(types$1.num) || this.match(types$1.string) ?\n    this.parseExprAtom() : this.parseIdentifier(true);\n  }\n\n  flowParseObjectTypeIndexer(node, isStatic, variance) {\n    node.static = isStatic;\n    if (this.lookahead().type === types$1.colon) {\n      node.id =\n      this.flowParseObjectPropertyKey();\n      node.key = this.flowParseTypeInitialiser();\n    } else {\n      node.id =\n      null;\n      node.key = this.flowParseType();\n    }\n    this.expect(types$1.bracketR);\n    node.value =\n    this.flowParseTypeInitialiser();\n    node.variance = variance;\n    return this.finishNode(node,\n    \"ObjectTypeIndexer\");\n  }\n\n  flowParseObjectTypeInternalSlot(node, isStatic) {\n    node.static = isStatic;\n    node.id = this.flowParseObjectPropertyKey();\n    this.expect(types$1.bracketR);\n    this.expect(types$1.bracketR);\n    if (this.isRelational("<") || this.match(types$1.parenL)) {\n      node.method =\n      true;\n      node.optional = false;\n      node.value = this.flowParseObjectTypeMethodish(this.startNodeAt(node.start,\n    node.loc.start));\n    } else {\n      node.method = false;\n      if (this.eat(types$1.question)) {\n        node.optional =\n        true;\n      }\n      node.value = this.flowParseTypeInitialiser();\n    }\n    return this.finishNode(node,\n    \"ObjectTypeInternalSlot\");\n  }\n\n  flowParseObjectTypeMethodish(node) {\n    node.params = [];\n    node.rest =\n    null;\n    node.typeParameters = null;\n    node.this = null;\n    if (this.isRelational("<")) {\n      node.typeParameters = this.flowParseTypeParameterDeclaration();\n    }\n    this.expect(types$1.parenL);\n    if\n    (this.match(types$1._this)) {\n      node.this = this.flowParseFunctionTypeParam(true);\n      node.this.name =\n      null;\n    }\n    if (!this.match(types$1.parenR)) {\n      this.expect(types$1.comma);\n    }\n    while\n    (!this.match(types$1.parenR) && !this.match(types$1.ellipsis)) {\n      node.params.push(this.flowParseFunctionTypeParam(false));\n      if (!this.match(types$1.parenR)) {\n        this.expect(types$1.comma);\n      }\n    }\n    if (this.eat(types$1.ellipsis)) {\n      node.rest =\n      this.flowParseFunctionTypeParam(false);\n    }\n    this.expect(types$1.parenR);\n    node.returnType =\n    this.flowParseTypeInitialiser();\n    return this.finishNode(node, \"FunctionTypeAnnotation\");\n  }\n\n  flowParseObjectTypeCallProperty(node, isStatic) {\n    const valueNode = this.startNode();\n    node.static =

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isStatic;\n  node.value = this.flowParseObjectTypeMethodish(valueNode);\n  return this.finishNode(node,\n  \"ObjectTypeCallProperty\");\n  }\n\n  flowParseObjectType({\n    allowStatic,\n    allowExact,\n    allowSpread,\n    allowProto,\n    allowInexact\n  }) {\n    const oldInType = this.state.inType;\n    this.state.inType = true;\n    const\n    nodeStart = this.startNode();\n    nodeStart.callProperties = [];\n    nodeStart.properties = [];\n    nodeStart.indexers =\n    [];\n    nodeStart.internalSlots = [];\n    let endDelim;\n    let exact;\n    let inexact = false;\n\n    if (allowExact &&\n    this.match(types$1.braceBarL)) {\n      this.expect(types$1.braceBarL);\n      endDelim = types$1.braceBarR;\n      exact = true;\n    } else {\n      this.expect(types$1.braceL);\n      endDelim = types$1.braceR;\n      exact = false;\n    }\n\n    nodeStart.exact = exact;\n\n    while (!this.match(endDelim)) {\n      let isStatic = false;\n      let protoStart =\n      null;\n      let inexactStart = null;\n      const node = this.startNode();\n\n      if (allowProto &&\n      this.isContextual(\"proto\")) {\n        const lookahead = this.lookahead();\n\n        if (lookahead.type !==\n        types$1.colon && lookahead.type !== types$1.question) {\n          this.next();\n          protoStart = this.state.start;\n          allowStatic = false;\n        }\n\n        if (allowStatic && this.isContextual(\"static\")) {\n          const\n          lookahead = this.lookahead();\n\n          if (lookahead.type !== types$1.colon && lookahead.type !==\n          types$1.question) {\n            this.next();\n            isStatic = true;\n          }\n\n          const variance =\n          this.flowParseVariance();\n\n          if (this.eat(types$1.bracketL)) {\n            if (protoStart != null) {\n              this.unexpected(protoStart);\n            }\n\n            if (this.eat(types$1.bracketL)) {\n              if (variance) {\n                this.unexpected(variance.start);\n              }\n\n              nodeStart.internalSlots.push(this.flowParseObjectTypeInternalSlot(node, isStatic));\n            } else {\n              nodeStart.indexers.push(this.flowParseObjectTypeIndexer(node, isStatic, variance));\n            }\n          } else if\n          (this.match(types$1.parenL) || this.isRelational(\"<\")) {\n            if (protoStart != null) {\n              this.unexpected(protoStart);\n            }\n\n            if (variance) {\n              this.unexpected(variance.start);\n            }\n\n            nodeStart.callProperties.push(this.flowParseObjectTypeCallProperty(node, isStatic));\n          } else {\n            let kind =\n            \"init\";\n\n            if (this.isContextual(\"get\") || this.isContextual(\"set\")) {\n              const lookahead =\n              this.lookahead();\n\n              if (lookahead.type === types$1.name || lookahead.type === types$1.string ||\n              lookahead.type === types$1.num) {\n                kind = this.state.value;\n                this.next();\n              }\n\n              const propOrInexact = this.flowParseObjectTypeProperty(node, isStatic, protoStart, variance, kind, allowSpread,\n              allowInexact != null ? allowInexact : !exact);\n\n              if (propOrInexact === null) {\n                inexact = true;\n                inexactStart = this.state.lastTokStart;\n              } else {\n                nodeStart.properties.push(propOrInexact);\n              }\n\n              this.flowObjectTypeSemicolon();\n\n              if (inexactStart && !this.match(types$1.braceR) &&\n              !this.match(types$1.braceBarR)) {\n                this.raise(inexactStart, FlowErrors.UnexpectedExplicitInexactInObject);\n              }\n\n              this.expect(endDelim);\n\n              if (allowSpread) {\n                nodeStart.inexact = inexact;\n              }\n\n              const\n              out = this.finishNode(nodeStart, \"ObjectTypeAnnotation\");\n              this.state.inType = oldInType;\n              return out;\n            }\n\n            flowParseObjectTypeProperty(node, isStatic, protoStart, variance, kind, allowSpread, allowInexact) {\n              if\n              (this.eat(types$1.ellipsis)) {\n                const isInexactToken = this.match(types$1.comma) || this.match(types$1.semi) ||\n                this.match(types$1.braceR) || this.match(types$1.braceBarR);\n\n                if (isInexactToken) {\n                  if (!allowSpread)\n                  {\n                    this.raise(this.state.lastTokStart, FlowErrors.InexactInsideNonObject);\n                  } else if (!allowInexact) {\n                    this.raise(this.state.lastTokStart, FlowErrors.InexactInsideExact);\n                  }\n\n                  if (variance) {\n                    this.raise(variance.start, FlowErrors.InexactVariance);\n                  }\n\n                  return null;\n                }\n\n                if (!allowSpread)\n                {\n                  this.raise(this.state.lastTokStart, FlowErrors.UnexpectedSpreadType);\n                }\n\n                if (protoStart != null)\n                {\n                  this.unexpected(protoStart);\n                }\n\n                if (variance) {\n                  this.raise(variance.start,\n                  FlowErrors.SpreadVariance);\n                }\n\n                node.argument = this.flowParseType();\n                return\n                this.finishNode(node, \"ObjectTypeSpreadProperty\");\n              } else {\n                node.key =\n                this.flowParseObjectPropertyKey();\n                node.static = isStatic;\n                node.proto = protoStart != null;\n                node.kind\n                = kind;\n                let optional = false;\n\n                if (this.isRelational(\"<\")) {\n                  node.method = true;\n\n                  if (protoStart != null) {\n                    this.unexpected(protoStart);\n                  }\n\n                  if\n                  (variance) {\n                    this.unexpected(variance.start);\n                  }\n\n                  node.value =\n                  this.flowParseObjectTypeMethodish(this.startNodeAt(node.start, node.loc.start));\n\n                  if (kind === \"get\" || kind\n                  === \"set\") {\n                    this.flowCheckGetterSetterParams(node);\n                  }\n\n                  if (!allowSpread &&

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node.key.name === \"constructor\" && node.value.this) {\n      this.raise(node.value.this.start,
FlowErrors.ThisParamBannedInConstructor);\n    }\n  } else {\n    if (kind !== \"init\") this.unexpected();\n    node.method = false;\n    if (this.eat(types$1.question)) {\n      optional = true;\n    }\n    node.value =
this.flowParseTypeInitialiser();\n    node.variance = variance;\n  }\n  node.optional = optional;\n  return
this.finishNode(node, \"ObjectTypeProperty\");\n  }\n  }\n  flowCheckGetterSetterParams(property) {\n    const
paramCount = property.kind === \"get\" ? 0 : 1;\n    const start = property.start;\n    const length =
property.value.params.length + (property.value.rest ? 1 : 0);\n    if (property.value.this) {\n
this.raise(property.value.this.start, property.kind === \"get\" ? FlowErrors.GetterMayNotHaveThisParam :
FlowErrors.SetterMayNotHaveThisParam);\n    }\n    if (length !== paramCount) {\n      if (property.kind ===
\"get\") {\n        this.raise(start, ErrorMessages.BadGetterArity);\n      } else {\n        this.raise(start,
ErrorMessages.BadSetterArity);\n      }\n    }\n    if (property.kind === \"set\" && property.value.rest) {\n
this.raise(start, ErrorMessages.BadSetterRestParameter);\n    }\n  }\n  }\n  flowObjectTypeSemicolon() {\n    if
(!this.eat(types$1.semi) && !this.eat(types$1.comma) && !this.match(types$1.braceR) &&
!this.match(types$1.braceBarR)) {\n      this.unexpected();\n    }\n  }\n  }\n  flowParseQualifiedTypeIdentifier(startPos,
startLoc, id) {\n    startPos = startPos || this.state.start;\n    startLoc = startLoc || this.state.startLoc;\n    let node = id ||
this.flowParseRestrictedIdentifier(true);\n    while (this.eat(types$1.dot)) {\n      const node2 =
this.startNodeAt(startPos, startLoc);\n      node2.qualification = node;\n      node2.id =
this.flowParseRestrictedIdentifier(true);\n      node = this.finishNode(node2, \"QualifiedTypeIdentifier\");\n    }\n    return node;\n  }\n  }\n  flowParseGenericType(startPos, startLoc, id) {\n    const node = this.startNodeAt(startPos,
startLoc);\n    node.typeParameters = null;\n    node.id = this.flowParseQualifiedTypeIdentifier(startPos, startLoc,
id);\n    if (this.isRelational(\"<\")) {\n      node.typeParameters = this.flowParseTypeParameterInstantiation();\n    }\n    return this.finishNode(node, \"GenericTypeAnnotation\");\n  }\n  }\n  flowParseTypeofType() {\n    const node
= this.startNode();\n    this.expect(types$1._typeof);\n    node.argument = this.flowParsePrimaryType();\n    return
this.finishNode(node, \"TypeofTypeAnnotation\");\n  }\n  }\n  flowParseTupleType() {\n    const node =
this.startNode();\n    node.types = [];\n    this.expect(types$1.bracketL);\n    while (this.state.pos < this.length &&
!this.match(types$1.bracketR)) {\n      node.types.push(this.flowParseType());\n      if
(this.match(types$1.bracketR)) break;\n      this.expect(types$1.comma);\n    }\n    this.expect(types$1.bracketR);\n    return this.finishNode(node, \"TupleTypeAnnotation\");\n  }\n  }\n  flowParseFunctionTypeParam(first) {\n    let name = null;\n    let optional = false;\n    let typeAnnotation = null;\n    const node = this.startNode();\n    const lh = this.lookahead();\n    const isThis = this.state.type ===
types$1._this;\n    if (lh.type === types$1.colon || lh.type === types$1.question) {\n      if (isThis && !first) {\n
this.raise(node.start, FlowErrors.ThisParamMustBeFirst);\n      }\n      name = this.parseIdentifier(isThis);\n      if
(this.eat(types$1.question)) {\n        optional = true;\n      }\n      if (isThis) {\n        this.raise(node.start,
FlowErrors.ThisParamMayNotBeOptional);\n      }\n    }\n    typeAnnotation =
this.flowParseTypeInitialiser();\n  } else {\n    typeAnnotation = this.flowParseType();\n  }\n  }\n  node.name =
name;\n  node.optional = optional;\n  node.typeAnnotation = typeAnnotation;\n  return this.finishNode(node,
\"FunctionTypeParam\");\n  }\n  }\n  reinterpretTypeAsFunctionTypeParam(type) {\n    const node =
this.startNodeAt(type.start, type.loc.start);\n    node.name = null;\n    node.optional = false;\n    node.typeAnnotation
= type;\n    return this.finishNode(node, \"FunctionTypeParam\");\n  }\n  }\n  flowParseFunctionTypeParams(params =
[]) {\n    let rest = null;\n    let _this = null;\n    if (this.match(types$1._this)) {\n      _this =
this.flowParseFunctionTypeParam(true);\n      _this.name = null;\n      if (!this.match(types$1.parenR)) {\n
this.expect(types$1.comma);\n      }\n    }\n    while (!this.match(types$1.parenR) &&
!this.match(types$1.ellipsis)) {\n      params.push(this.flowParseFunctionTypeParam(false));\n      if
(!this.match(types$1.parenR)) {\n        this.expect(types$1.comma);\n      }\n    }\n    if (this.eat(types$1.ellipsis))
{\n      rest = this.flowParseFunctionTypeParam(false);\n    }\n    return {\n      params,\n      rest,\n      _this\n
};\n  }\n  }\n  flowIdentToTypeAnnotation(startPos, startLoc, node, id) {\n    switch (id.name) {\n      case \"any\":\n    return this.finishNode(node, \"AnyTypeAnnotation\");\n      case \"bool\":\n      case \"boolean\":\n    return
this.finishNode(node, \"BooleanTypeAnnotation\");\n      case \"mixed\":\n    return this.finishNode(node,

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\MixedTypeAnnotation\");\n\n case \"empty\":\n return this.finishNode(node,
\"EmptyTypeAnnotation\");\n\n case \"number\":\n return this.finishNode(node,
\"NumberTypeAnnotation\");\n\n case \"string\":\n return this.finishNode(node,
\"StringTypeAnnotation\");\n\n case \"symbol\":\n return this.finishNode(node,
\"SymbolTypeAnnotation\");\n\n default:\n this.checkNotUnderscore(id.name);\n return
this.flowParseGenericType(startPos, startLoc, id);\n }\n }\n\n flowParsePrimaryType() {\n const startPos =
this.state.start;\n const startLoc = this.state.startLoc;\n const node = this.startNode();\n let tmp;\n let type;\n let isGroupedType = false;\n const oldNoAnonFunctionType = this.state.noAnonFunctionType;\n\n switch
(this.state.type) {\n case types$1.name:\n if (this.isContextual(\"interface\")) {\n return
this.flowParseInterfaceType();\n }\n\n return this.flowIdentToTypeAnnotation(startPos, startLoc, node,
this.parseIdentifier());\n\n case types$1.braceL:\n return this.flowParseObjectType({\n allowStatic:
false,\n allowExact: false,\n allowSpread: true,\n allowProto: false,\n allowInexact: true\n
});\n\n case types$1.braceBarL:\n return this.flowParseObjectType({\n allowStatic: false,\n
allowExact: true,\n allowSpread: true,\n allowProto: false,\n allowInexact: false\n
});\n\n case types$1.bracketL:\n this.state.noAnonFunctionType = false;\n type = this.flowParseTupleType();\n
this.state.noAnonFunctionType = oldNoAnonFunctionType;\n return type;\n\n case types$1.relational:\n
if (this.state.value === \"<\") {\n node.typeParameters = this.flowParseTypeParameterDeclaration();\n
this.expect(types$1.parenL);\n tmp = this.flowParseFunctionTypeParams();\n node.params =
tmp.params;\n node.rest = tmp.rest;\n node.this = tmp._this;\n this.expect(types$1.parenR);\n
this.expect(types$1.arrow);\n node.returnType = this.flowParseType();\n return this.finishNode(node,
\"FunctionTypeAnnotation\");\n }\n\n break;\n\n case types$1.parenL:\n this.next();\n\n if
(!this.match(types$1.parenR) && !this.match(types$1.ellipsis)) {\n if (this.match(types$1.name) ||
this.match(types$1._this)) {\n const token = this.lookahead().type;\n isGroupedType = token !==
types$1.question && token !== types$1.colon;\n } else {\n isGroupedType = true;\n }\n }\n\n
if (isGroupedType) {\n this.state.noAnonFunctionType = false;\n type = this.flowParseType();\n
this.state.noAnonFunctionType = oldNoAnonFunctionType;\n\n if (this.state.noAnonFunctionType ||
!(this.match(types$1.comma) || this.match(types$1.parenR) && this.lookahead().type === types$1.arrow)) {\n
this.expect(types$1.parenR);\n return type;\n } else {\n this.eat(types$1.comma);\n }\n
}\n\n if (type) {\n tmp =
this.flowParseFunctionTypeParams([this.reinterpretTypeAsFunctionTypeParam(type)];\n } else {\n tmp
= this.flowParseFunctionTypeParams();\n }\n\n node.params = tmp.params;\n node.rest = tmp.rest;\n
node.this = tmp._this;\n this.expect(types$1.parenR);\n this.expect(types$1.arrow);\n node.returnType
= this.flowParseType();\n node.typeParameters = null;\n return this.finishNode(node,
\"FunctionTypeAnnotation\");\n\n case types$1.string:\n return this.parseLiteral(this.state.value,
\"StringLiteralTypeAnnotation\");\n\n case types$1._true:\n case types$1._false:\n node.value =
this.match(types$1._true);\n this.next();\n return this.finishNode(node,
\"BooleanLiteralTypeAnnotation\");\n\n case types$1.plusMin:\n if (this.state.value === \"-\") {\n
this.next();\n\n if (this.match(types$1.num)) {\n return this.parseLiteral(-this.state.value,
\"NumberLiteralTypeAnnotation\", node.start, node.loc.start);\n }\n\n if (this.match(types$1.bigint)) {\n
return this.parseLiteral(-this.state.value, \"BigIntLiteralTypeAnnotation\", node.start, node.loc.start);\n
}\n\n throw this.raise(this.state.start, FlowErrors.UnexpectedSubtractionOperand);\n }\n\n throw
this.unexpected();\n\n case types$1.num:\n return this.parseLiteral(this.state.value,
\"NumberLiteralTypeAnnotation\");\n\n case types$1.bigint:\n return this.parseLiteral(this.state.value,
\"BigIntLiteralTypeAnnotation\");\n\n case types$1._void:\n this.next();\n return this.finishNode(node,
\"VoidTypeAnnotation\");\n\n case types$1._null:\n this.next();\n return this.finishNode(node,
\"NullLiteralTypeAnnotation\");\n\n case types$1._this:\n this.next();\n return this.finishNode(node,
\"ThisTypeAnnotation\");\n\n case types$1.star:\n this.next();\n return this.finishNode(node,
\"ExistsTypeAnnotation\");\n\n default:\n if (this.state.type.keyword === \"typeof\") {\n return

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this.flowParseTypeofType();\n    } else if (this.state.type.keyword) {\n        const label = this.state.type.label;\n        this.next();\n        return super.createIdentifier(node, label);\n    }\n\n    throw this.unexpected();\n}\n\nflowParsePostfixType() {\n    const startPos = this.state.start;\n    const startLoc = this.state.startLoc;\n    let\n    type = this.flowParsePrimaryType();\n    let seenOptionalIndexedAccess = false;\n\n    while\n    ((this.match(types$1.bracketL) || this.match(types$1.questionDot)) && !this.canInsertSemicolon()) {\n        const\n        node = this.startNodeAt(startPos, startLoc);\n        const optional = this.eat(types$1.questionDot);\n        seenOptionalIndexedAccess = seenOptionalIndexedAccess || optional;\n        this.expect(types$1.bracketL);\n\n        if\n        (!optional && this.match(types$1.bracketR)) {\n            node.elementType = type;\n            this.next();\n            type =\n            this.finishNode(node, \"ArrayTypeAnnotation\");\n        } else {\n            node.objectType = type;\n            node.indexType = this.flowParseType();\n            this.expect(types$1.bracketR);\n\n            if\n            (seenOptionalIndexedAccess) {\n                node.optional = optional;\n                type = this.finishNode(node,\n                \"OptionalIndexedAccessType\");\n            } else {\n                type = this.finishNode(node, \"IndexedAccessType\");\n            }\n        }\n\n        return type;\n    }\n\n    flowParsePrefixType() {\n        const node = this.startNode();\n\n        if\n        (this.eat(types$1.question)) {\n            node.typeAnnotation = this.flowParsePrefixType();\n            return\n            this.finishNode(node, \"NullableTypeAnnotation\");\n        } else {\n            return this.flowParsePostfixType();\n        }\n    }\n\n    flowParseAnonFunctionWithoutParens() {\n        const param = this.flowParsePrefixType();\n\n        if\n        (!this.state.noAnonFunctionType && this.eat(types$1.arrow)) {\n            const node = this.startNodeAt(param.start,\n            param.loc.start);\n            node.params = [this.reinterpretTypeAsFunctionTypeParam(param)];\n            node.rest = null;\n            node.this = null;\n            node.returnType = this.flowParseType();\n            node.typeParameters = null;\n            return\n            this.finishNode(node, \"FunctionTypeAnnotation\");\n        }\n\n        return param;\n    }\n\n    flowParseIntersectionType()\n    {\n        const node = this.startNode();\n        this.eat(types$1.bitwiseAND);\n        const type =\n        this.flowParseAnonFunctionWithoutParens();\n        node.types = [type];\n\n        while (this.eat(types$1.bitwiseAND))\n        {\n            node.types.push(this.flowParseAnonFunctionWithoutParens());\n        }\n\n        return node.types.length === 1 ?\n        type : this.finishNode(node, \"IntersectionTypeAnnotation\");\n    }\n\n    flowParseUnionType() {\n        const node =\n        this.startNode();\n        this.eat(types$1.bitwiseOR);\n        const type = this.flowParseIntersectionType();\n        node.types\n        = [type];\n\n        while (this.eat(types$1.bitwiseOR)) {\n            node.types.push(this.flowParseIntersectionType());\n        }\n\n        return node.types.length === 1 ? type : this.finishNode(node, \"UnionTypeAnnotation\");\n    }\n\n    flowParseType() {\n        const oldInType = this.state.inType;\n        this.state.inType = true;\n        const type =\n        this.flowParseUnionType();\n        this.state.inType = oldInType;\n        this.state.exprAllowed = this.state.exprAllowed ||\n        this.state.noAnonFunctionType;\n        return type;\n    }\n\n    flowParseTypeOrImplicitInstantiation() {\n        if\n        (this.state.type === types$1.name && this.state.value === \"_\") {\n            const startPos = this.state.start;\n            const\n            startLoc = this.state.startLoc;\n            const node = this.parseIdentifier();\n            return\n            this.flowParseGenericType(startPos, startLoc, node);\n        } else {\n            return this.flowParseType();\n        }\n    }\n\n    flowParseTypeAnnotation() {\n        const node = this.startNode();\n        node.typeAnnotation =\n        this.flowParseTypeInitialiser();\n        return this.finishNode(node, \"TypeAnnotation\");\n    }\n\n    flowParseTypeAnnotatableIdentifier(allowPrimitiveOverride) {\n        const ident = allowPrimitiveOverride ?\n        this.parseIdentifier() : this.flowParseRestrictedIdentifier();\n        if (this.match(types$1.colon)) {\n            ident.typeAnnotation = this.flowParseTypeAnnotation();\n            this.resetEndLocation(ident);\n        }\n\n        return\n        ident;\n    }\n\n    typeCastToParameter(node) {\n        node.expression.typeAnnotation = node.typeAnnotation;\n        this.resetEndLocation(node.expression, node.typeAnnotation.end, node.typeAnnotation.loc.end);\n        return\n        node.expression;\n    }\n\n    flowParseVariance() {\n        let variance = null;\n\n        if (this.match(types$1.plusMin)) {\n            variance = this.startNode();\n\n            if (this.state.value === \"+\") {\n                variance.kind = \"plus\";\n            } else {\n                variance.kind = \"minus\";\n            }\n\n            this.next();\n            this.finishNode(variance, \"Variance\");\n        }\n\n        return\n        variance;\n    }\n\n    parseFunctionBody(node, allowExpressionBody, isMethod = false) {\n        if\n        (allowExpressionBody) {\n            return this.forwardNoArrowParamsConversionAt(node, () =>\n            super.parseFunctionBody(node, true, isMethod));\n        }\n\n        return super.parseFunctionBody(node, false,\n        isMethod);\n    }\n\n    parseFunctionBodyAndFinish(node, type, isMethod = false) {\n        if (this.match(types$1.colon))\n        {\n            const typeNode = this.startNode();\n            [typeNode.typeAnnotation, node.predicate] =

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this.flowParseTypeAndPredicateInitialiser();\n    node.returnType = typeNode.typeAnnotation ?
this.finishNode(typeNode, \"TypeAnnotation\") : null;\n    }\n\n    super.parseFunctionBodyAndFinish(node, type,
isMethod);\n    }\n\n    parseStatement(context, topLevel) {\n    if (this.state.strict && this.match(types$1.name) &&
this.state.value === \"interface\") {\n    const lookahead = this.lookahead();\n\n    if (lookahead.type ===
types$1.name || isKeyword(lookahead.value)) {\n    const node = this.startNode();\n    this.next();\n    return
this.flowParseInterface(node);\n    }\n    } else if (this.shouldParseEnums() && this.isContextual(\"enum\")) {\n
const node = this.startNode();\n    this.next();\n    return this.flowParseEnumDeclaration(node);\n    }\n\n    const
stmt = super.parseStatement(context, topLevel);\n\n    if (this.flowPragma === undefined &&
!this.isValidDirective(stmt)) {\n    this.flowPragma = null;\n    }\n\n    return stmt;\n    }\n\n\n    parseExpressionStatement(node, expr) {\n    if (expr.type === \"Identifier\") {\n    if (expr.name === \"declare\")
{\n    if (this.match(types$1._class) || this.match(types$1.name) || this.match(types$1._function) ||
this.match(types$1._var) || this.match(types$1._export)) {\n    return this.flowParseDeclare(node);\n    }\n    }
else if (this.match(types$1.name)) {\n    if (expr.name === \"interface\") {\n    return
this.flowParseInterface(node);\n    } else if (expr.name === \"type\") {\n    return
this.flowParseTypeAlias(node);\n    } else if (expr.name === \"opaque\") {\n    return
this.flowParseOpaqueType(node, false);\n    }\n    }\n\n    }\n\n    return super.parseExpressionStatement(node,
expr);\n    }\n\n\n    shouldParseExportDeclaration() {\n    return this.isContextual(\"type\") ||
this.isContextual(\"interface\") || this.isContextual(\"opaque\") || this.shouldParseEnums() &&
this.isContextual(\"enum\") || super.shouldParseExportDeclaration();\n    }\n\n\n    isExportDefaultSpecifier() {\n    if
(this.match(types$1.name) && (this.state.value === \"type\" || this.state.value === \"interface\" || this.state.value
=== \"opaque\" || this.shouldParseEnums() && this.state.value === \"enum\")) {\n    return false;\n    }\n\n    return
super.isExportDefaultSpecifier();\n    }\n\n\n    parseExportDefaultExpression() {\n    if (this.shouldParseEnums() &&
this.isContextual(\"enum\")) {\n    const node = this.startNode();\n    this.next();\n    return
this.flowParseEnumDeclaration(node);\n    }\n\n    return super.parseExportDefaultExpression();\n    }\n\n\n    parseConditional(expr, startPos, startLoc, refNeedsArrowPos) {\n    if (!this.match(types$1.question)) return
expr;\n\n    if (refNeedsArrowPos) {\n    const result = this.tryParse(() => super.parseConditional(expr, startPos,
startLoc));\n\n    if (!result.node) {\n    refNeedsArrowPos.start = result.error.pos || this.state.start;\n    return
expr;\n    }\n\n    if (result.error) this.state = result.failState;\n    return result.node;\n    }\n\n\n    this.expect(types$1.question);\n    const state = this.state.clone();\n    const originalNoArrowAt =
this.state.noArrowAt;\n    const node = this.startNodeAt(startPos, startLoc);\n    let {\n    consequent,\n    failed\n    } = this.tryParseConditionalConsequent();\n    let [valid, invalid] = this.getArrowLikeExpressions(consequent);\n\n    if (failed || invalid.length > 0) {\n    const noArrowAt = [...originalNoArrowAt];\n\n    if (invalid.length > 0) {\n
this.state = state;\n    this.state.noArrowAt = noArrowAt;\n\n    for (let i = 0; i < invalid.length; i++) {\n
noArrowAt.push(invalid[i].start);\n    }\n\n    ({\n    consequent,\n    failed\n    } =
this.tryParseConditionalConsequent());\n    [valid, invalid] = this.getArrowLikeExpressions(consequent);\n
}\n\n    if (failed && valid.length > 1) {\n    this.raise(state.start, FlowErrors.AmbiguousConditionalArrow);\n
}\n\n    if (failed && valid.length === 1) {\n    this.state = state;\n    this.state.noArrowAt =
noArrowAt.concat(valid[0].start);\n    ({\n    consequent,\n    failed\n    } =
this.tryParseConditionalConsequent());\n    }\n\n    }\n\n    this.getArrowLikeExpressions(consequent, true);\n    this.state.noArrowAt = originalNoArrowAt;\n    this.expect(types$1.colon);\n    node.test = expr;\n
node.consequent = consequent;\n    node.alternate = this.forwardNoArrowParamsConversionAt(node, () =>
this.parseMaybeAssign(undefined, undefined, undefined));\n    return this.finishNode(node,
\"ConditionalExpression\");\n    }\n\n\n    tryParseConditionalConsequent() {\n    this.state.noArrowParamsConversionAt.push(this.state.start);\n    const consequent =
this.parseMaybeAssignAllowIn();\n    const failed = !this.match(types$1.colon);\n
this.state.noArrowParamsConversionAt.pop();\n    return {\n    consequent,\n    failed\n    };\n    }\n\n\n    getArrowLikeExpressions(node, disallowInvalid) {\n    const stack = [node];\n    const arrows = [];\n\n    while
(stack.length !== 0) {\n    const node = stack.pop();\n\n    if (node.type === \"ArrowFunctionExpression\") {\n

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if (node.typeParameters || !node.returnType) {\n      this.finishArrowValidation(node);\n    } else {\n
arrows.push(node);\n    }\n\n    stack.push(node.body);\n  } else if (node.type ===
\"ConditionalExpression\") {\n    stack.push(node.consequent);\n    stack.push(node.alternate);\n  }\n}\n\n
if (disallowInvalid) {\n  arrows.forEach(node => this.finishArrowValidation(node));\n  return [arrows, []];\n
}\n\n  return partition(arrows, node => node.params.every(param => this.isAssignable(param, true)));\n}\n\n
finishArrowValidation(node) {\n  var _node$extra;\n\n  this.toAssignableList(node.params, (_node$extra =
node.extra) == null ? void 0 : _node$extra.trailingComma, false);\n  this.scope.enter(SCOPE_FUNCTION |
SCOPE_ARROW);\n  super.checkParams(node, false, true);\n  this.scope.exit();\n}\n\n
forwardNoArrowParamsConversionAt(node, parse) {\n  let result;\n\n  if
(this.state.noArrowParamsConversionAt.indexOf(node.start) !== -1) {\n
this.state.noArrowParamsConversionAt.push(this.state.start);\n    result = parse();\n
this.state.noArrowParamsConversionAt.pop();\n  } else {\n    result = parse();\n  }\n\n  return result;\n}\n\n
parseParenItem(node, startPos, startLoc) {\n  node = super.parseParenItem(node, startPos, startLoc);\n  if
(this.eat(types$1.question)) {\n    node.optional = true;\n    this.resetEndLocation(node);\n  }\n\n  if
(this.match(types$1.colon)) {\n    const typeCastNode = this.startNodeAt(startPos, startLoc);\n
typeCastNode.expression = node;\n    typeCastNode.typeAnnotation = this.flowParseTypeAnnotation();\n
return this.finishNode(typeCastNode, \"TypeCastExpression\");\n  }\n\n  return node;\n}\n\n
assertModuleNodeAllowed(node) {\n  if (node.type === \"ImportDeclaration\" && (node.importKind === \"type\"
|| node.importKind === \"typeof\") || node.type === \"ExportNamedDeclaration\" && node.exportKind === \"type\"
|| node.type === \"ExportAllDeclaration\" && node.exportKind === \"type\") {\n    return;\n  }\n\n
super.assertModuleNodeAllowed(node);\n}\n\n
parseExport(node) {\n  const decl =
super.parseExport(node);\n\n  if (decl.type === \"ExportNamedDeclaration\" || decl.type ===
\"ExportAllDeclaration\") {\n    decl.exportKind = decl.exportKind || \"value\";\n  }\n\n  return decl;\n}\n\n
parseExportDeclaration(node) {\n  if (this.isContextual(\"type\")) {\n    node.exportKind = \"type\";\n    const
declarationNode = this.startNode();\n    this.next();\n\n    if (this.match(types$1.braceL)) {\n    node.specifiers =
this.parseExportSpecifiers();\n    this.parseExportFrom(node);\n    return null;\n  } else {\n    return
this.flowParseTypeAlias(declarationNode);\n  }\n  } else if (this.isContextual(\"opaque\")) {\n
node.exportKind = \"type\";\n    const declarationNode = this.startNode();\n    this.next();\n    return
this.flowParseOpaqueType(declarationNode, false);\n  } else if (this.isContextual(\"interface\")) {\n
node.exportKind = \"type\";\n    const declarationNode = this.startNode();\n    this.next();\n    return
this.flowParseInterface(declarationNode);\n  } else if (this.shouldParseEnums() && this.isContextual(\"enum\"))
{\n    node.exportKind = \"value\";\n    const declarationNode = this.startNode();\n    this.next();\n    return
this.flowParseEnumDeclaration(declarationNode);\n  } else {\n    return super.parseExportDeclaration(node);\n
}\n}\n\n
eatExportStar(node) {\n  if (super.eatExportStar(...arguments)) return true;\n\n  if
(this.isContextual(\"type\") && this.lookahead().type === types$1.star) {\n    node.exportKind = \"type\";\n
this.next();\n    this.next();\n    return true;\n  }\n\n  return false;\n}\n\n
maybeParseExportNamespaceSpecifier(node) {\n  const pos = this.state.start;\n  const hasNamespace =
super.maybeParseExportNamespaceSpecifier(node);\n\n  if (hasNamespace && node.exportKind === \"type\") {\n
this.unexpected(pos);\n  }\n\n  return hasNamespace;\n}\n\n
parseClassId(node, isStatement, optionalId) {\n  super.parseClassId(node, isStatement, optionalId);\n\n  if
(this.isRelational(\"<\")) {\n    node.typeParameters =
this.flowParseTypeParameterDeclaration();\n  }\n}\n\n
parseClassMember(classBody, member, state) {\n  const
pos = this.state.start;\n\n  if (this.isContextual(\"declare\")) {\n    if
(this.parseClassMemberFromModifier(classBody, member)) {\n    return;\n  }\n\n  member.declare = true;\n
}\n\n  super.parseClassMember(classBody, member, state);\n\n  if (member.declare) {\n    if (member.type !==
\"ClassProperty\" && member.type !== \"ClassPrivateProperty\" && member.type !== \"PropertyDefinition\") {\n
this.raise(pos, FlowErrors.DeclareClassElement);\n    } else if (member.value) {\n
this.raise(member.value.start, FlowErrors.DeclareClassFieldInitializer);\n  }\n}\n}\n\n
isIterator(word) {\n  return word === \"iterator\" || word === \"asyncIterator\";\n}\n\n
readIterator() {\n  const word =

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super.readWord1();\n  const fullWord = "@" + word;\n\n  if (!this.isIterator(word) || !this.state.inType) {\n    this.raise(this.state.pos, ErrorMessages.InvalidIdentifier, fullWord);\n  }\n\n  this.finishToken(types$.name, fullWord);\n}\n\ngetTokenFromCode(code) {\n  const next = this.input.charCodeAtAt(this.state.pos + 1);\n\n  if (code === 123 && next === 124) {\n    return this.finishOp(types$.braceBarL, 2);\n  } else if (this.state.inType && (code === 62 || code === 60)) {\n    return this.finishOp(types$.relational, 1);\n  } else if (this.state.inType && code === 63) {\n    if (next === 46) {\n      return this.finishOp(types$.questionDot, 2);\n    }\n\n    return this.finishOp(types$.question, 1);\n  } else if (isIteratorStart(code, next)) {\n    this.state.pos += 2;\n    return this.readIterator();\n  } else {\n    return super.getTokenFromCode(code);\n  }\n}\n\nisAssignable(node, isBinding) {\n  switch (node.type) {\n    case "Identifier":\n    case "ObjectPattern":\n    case "ArrayPattern":\n    case "AssignmentPattern":\n      return true;\n\n    case "ObjectExpression":\n      {\n        const last = node.properties.length - 1;\n        return node.properties.every((prop, i) => {\n          return prop.type !== "ObjectMethod" && (i === last || prop.type === "SpreadElement") && this.isAssignable(prop);\n        });\n      }\n\n    case "ObjectProperty":\n      return this.isAssignable(node.value);\n\n    case "SpreadElement":\n      return this.isAssignable(node.argument);\n\n    case "ArrayExpression":\n      return node.elements.every(element => this.isAssignable(element));\n\n    case "AssignmentExpression":\n      return node.operator === "=";\n\n    case "ParenthesizedExpression":\n    case "TypeCastExpression":\n      return this.isAssignable(node.expression);\n\n    case "MemberExpression":\n    case "OptionalMemberExpression":\n      return !isBinding;\n\n    default:\n      return false;\n  }\n}\n\n,assignable(node, isLHS = false) {\n  if (node.type === "TypeCastExpression") {\n    return super.toAssignable(this.typeCastToParameter(node), isLHS);\n  } else {\n    return super.toAssignable(node, isLHS);\n  }\n}\n\n,assignableList(exprList, trailingCommaPos, isLHS) {\n  for (let i = 0; i < exprList.length; i++) {\n    const expr = exprList[i];\n\n    if ((expr == null ? void 0 : expr.type) === "TypeCastExpression") {\n      exprList[i] = this.typeCastToParameter(expr);\n    }\n  }\n\n  return super.toAssignableList(exprList, trailingCommaPos, isLHS);\n}\n\n,assignableList(exprList, isParenthesizedExpr) {\n  for (let i = 0; i < exprList.length; i++) {\n    var _expr$extra;\n\n    const expr = exprList[i];\n\n    if (expr && expr.type === "TypeCastExpression" && !((_expr$extra = expr.extra) != null && _expr$extra.parenthesized) && (exprList.length > 1 || !isParenthesizedExpr)) {\n      this.raise(expr.typeAnnotation.start, FlowErrors.TypeCastInParameter);\n    }\n  }\n\n  return exprList;\n}\n\n,parseArrayLike(close, canBePattern, isTuple, refExpressionErrors) {\n  const node = super.parseArrayLike(close, canBePattern, isTuple, refExpressionErrors);\n\n  if (canBePattern && !this.state.maybeInArrowParameters) {\n    this.toReferencedList(node.elements);\n  }\n\n  return node;\n}\n\n,checkLVal(expr, ...args) {\n  if (expr.type !== "TypeCastExpression") {\n    return super.checkLVal(expr, ...args);\n  }\n}\n\n,parseClassProperty(node) {\n  if (this.match(types$.colon)) {\n    node.typeAnnotation = this.flowParseTypeAnnotation();\n  }\n\n  return super.parseClassProperty(node);\n}\n\n,parseClassPrivateProperty(node) {\n  if (this.match(types$.colon)) {\n    node.typeAnnotation = this.flowParseTypeAnnotation();\n  }\n\n  return super.parseClassPrivateProperty(node);\n}\n\n,isClassMethod() {\n  return this.isRelational("<") || super.isClassMethod();\n}\n\n,isClassProperty() {\n  return this.match(types$.colon) || super.isClassProperty();\n}\n\n,isNonstaticConstructor(method) {\n  return !this.match(types$.colon) && super.isNonstaticConstructor(method);\n}\n\n,pushClassMethod(classBody, method, isGenerator, isAsync, isConstructor, allowsDirectSuper) {\n  if (method.variance) {\n    this.unexpected(method.variance.start);\n  }\n\n  delete method.variance;\n\n  if (this.isRelational("<")) {\n    method.typeParameters = this.flowParseTypeParameterDeclaration();\n  }\n\n  super.pushClassMethod(classBody, method, isGenerator, isAsync, isConstructor, allowsDirectSuper);\n\n  if (method.params && isConstructor) {\n    const params = method.params;\n\n    if (params.length > 0 && this.isThisParam(params[0])) {\n      this.raise(method.start, FlowErrors.ThisParamBannedInConstructor);\n    }\n  } else if (method.type === "MethodDefinition" && isConstructor && method.value.params) {\n    const params = method.value.params;\n\n    if (params.length > 0 && this.isThisParam(params[0])) {\n      this.raise(method.start, FlowErrors.ThisParamBannedInConstructor);\n    }\n  }\n}\n\n,pushClassPrivateMethod(classBody, method, isGenerator, isAsync) {\n  if (method.variance) {\n
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this.unexpected(method.variance.start);\n } \n\n delete method.variance;\n\n if (this.isRelational("<")) {\n
method.typeParameters = this.flowParseTypeParameterDeclaration();\n } \n\n
super.pushClassPrivateMethod(classBody, method, isGenerator, isAsync);\n } \n\n parseClassSuper(node) {\n
super.parseClassSuper(node);\n\n if (node.superClass && this.isRelational("<")) {\n
node.superTypeParameters = this.flowParseTypeParameterInstantiation();\n } \n\n if
(this.isContextual("implements")) {\n this.next();\n const implemented = node.implements = [];\n\n do
{\n const node = this.startNode();\n node.id = this.flowParseRestrictedIdentifier(true);\n\n if
(this.isRelational("<")) {\n node.typeParameters = this.flowParseTypeParameterInstantiation();\n } else
{\n node.typeParameters = null;\n } \n\n implemented.push(this.finishNode(node,
"ClassImplements")); \n } while (this.eat(types$1.comma));\n } \n\n } \n\n checkGetterSetterParams(method)
{\n super.checkGetterSetterParams(method);\n const params =
this.getObjectOrClassMethodParams(method);\n\n if (params.length > 0) {\n const param = params[0];\n\n if
(this.isThisParam(param) && method.kind === "get") {\n this.raise(param.start,
FlowErrors.GetterMayNotHaveThisParam);\n } else if (this.isThisParam(param)) {\n this.raise(param.start,
FlowErrors.SetterMayNotHaveThisParam);\n } \n\n } \n\n } \n\n parsePropertyName(node, isPrivateNameAllowed)
{\n const variance = this.flowParseVariance();\n const key = super.parsePropertyName(node,
isPrivateNameAllowed);\n node.variance = variance;\n return key;\n } \n\n parseObjPropValue(prop, startPos,
startLoc, isGenerator, isAsync, isPattern, isAccessor, refExpressionErrors) {\n if (prop.variance) {\n
this.unexpected(prop.variance.start);\n } \n\n delete prop.variance;\n let typeParameters;\n\n if
(this.isRelational("<") && !isAccessor) {\n typeParameters = this.flowParseTypeParameterDeclaration();\n
if (!this.match(types$1.parenL)) this.unexpected();\n } \n\n super.parseObjPropValue(prop, startPos, startLoc,
isGenerator, isAsync, isPattern, isAccessor, refExpressionErrors);\n\n if (typeParameters) {\n (prop.value ||
prop).typeParameters = typeParameters;\n } \n\n } \n\n parseAssignableListItemTypes(param) {\n if
(this.eat(types$1.question)) {\n if (param.type !== "Identifier") {\n this.raise(param.start,
FlowErrors.OptionalBindingPattern);\n } \n\n if (this.isThisParam(param)) {\n this.raise(param.start,
FlowErrors.ThisParamMayNotBeOptional);\n } \n\n param.optional = true;\n } \n\n if
(this.match(types$1.colon)) {\n param.typeAnnotation = this.flowParseTypeAnnotation();\n } else if
(this.isThisParam(param)) {\n this.raise(param.start, FlowErrors.ThisParamAnnotationRequired);\n } \n\n if
(this.match(types$1.eq) && this.isThisParam(param)) {\n this.raise(param.start,
FlowErrors.ThisParamNoDefault);\n } \n\n this.resetEndLocation(param);\n return param;\n } \n\n } \n\n
parseMaybeDefault(startPos, startLoc, left) {\n const node = super.parseMaybeDefault(startPos, startLoc, left);\n
if (node.type === "AssignmentPattern" && node.typeAnnotation && node.right.start <
node.typeAnnotation.start) {\n this.raise(node.typeAnnotation.start, FlowErrors.TypeBeforeInitializer);\n } \n\n
return node;\n } \n\n shouldParseDefaultImport(node) {\n if (!hasTypeImportKind(node)) {\n return
super.shouldParseDefaultImport(node);\n } \n\n return isMaybeDefaultImport(this.state);\n } \n\n } \n\n
parseImportSpecifierLocal(node, specifier, type, contextDescription) {\n specifier.local =
hasTypeImportKind(node) ? this.flowParseRestrictedIdentifier(true, true) : this.parseIdentifier();\n
this.checkLVal(specifier.local, contextDescription, BIND_LEXICAL);\n
node.specifiers.push(this.finishNode(specifier, type));\n } \n\n maybeParseDefaultImportSpecifier(node) {\n
node.importKind = "value";\n let kind = null;\n\n if (this.match(types$1._typeof)) {\n kind = "typeof";\n
} else if (this.isContextual("type")) {\n kind = "type";\n } \n\n if (kind) {\n const lh =
this.lookahead();\n\n if (kind === "type" && lh.type === types$1.star) {\n this.unexpected(lh.start);\n
} \n\n if (isMaybeDefaultImport(lh) || lh.type === types$1.braceL || lh.type === types$1.star) {\n
this.next();\n node.importKind = kind;\n } \n\n } \n\n return
super.maybeParseDefaultImportSpecifier(node);\n } \n\n } \n\n parseImportSpecifier(node) {\n const specifier =
this.startNode();\n const firstIdentLoc = this.state.start;\n const firstIdent = this.parseModuleExportName();\n
let specifierTypeKind = null;\n\n if (firstIdent.type === "Identifier") {\n if (firstIdent.name === "type") {\n
specifierTypeKind = "type";\n } else if (firstIdent.name === "typeof") {\n specifierTypeKind =

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\typeof\;\n  }\n }\n\n let isBinding = false;\n\n if (this.isContextual(\`as\`) &&
!this.isLookaheadContextual(\`as\`)) {\n  const as_ident = this.parseIdentifier(true);\n\n  if (specifierTypeKind
!== null && !this.match(types$1.name) && !this.state.type.keyword) {\n    specifier.imported = as_ident;\n
specifier.importKind = specifierTypeKind;\n    specifier.local = as_ident.__clone();\n  } else {\n
specifier.imported = firstIdent;\n    specifier.importKind = null;\n    specifier.local = this.parseIdentifier();\n
}\n } else if (specifierTypeKind !== null && (this.match(types$1.name) || this.state.type.keyword)) {\n
specifier.imported = this.parseIdentifier(true);\n    specifier.importKind = specifierTypeKind;\n\n    if
(this.eatContextual(\`as\`)) {\n    specifier.local = this.parseIdentifier();\n  } else {\n    isBinding = true;\n
specifier.local = specifier.imported.__clone();\n  }\n } else {\n  if (firstIdent.type === `StringLiteral`) {\n
throw this.raise(specifier.start, ErrorMessages.ImportBindingIsString, firstIdent.value);\n  }\n\n  isBinding =
true;\n  specifier.imported = firstIdent;\n  specifier.importKind = null;\n  specifier.local =
specifier.imported.__clone();\n }\n\n const nodeIsTypeImport = hasTypeImportKind(node);\n const
specifierIsTypeImport = hasTypeImportKind(specifier);\n\n if (nodeIsTypeImport && specifierIsTypeImport) {\n
this.raise(firstIdentLoc, FlowErrors.ImportTypeShorthandOnlyInPureImport);\n }\n\n if (nodeIsTypeImport ||
specifierIsTypeImport) {\n  this.checkReservedType(specifier.local.name, specifier.local.start, true);\n }\n\n if
(isBinding && !nodeIsTypeImport && !specifierIsTypeImport) {\n
this.checkReservedWord(specifier.local.name, specifier.start, true, true);\n }\n\n this.checkLVal(specifier.local,
`import specifier`, BIND_LEXICAL);\n  node.specifiers.push(this.finishNode(specifier, `ImportSpecifier`));\n
}\n\n parseBindingAtom() {\n  switch (this.state.type) {\n    case types$1._this:\n      return
this.parseIdentifier(true);\n\n    default:\n      return super.parseBindingAtom();\n  }\n }\n\n parseFunctionParams(node, allowModifiers) {\n  const kind = node.kind;\n\n  if (kind !== `get` && kind !==
`set` && this.isRelational(\`<\`)) {\n    node.typeParameters = this.flowParseTypeParameterDeclaration();\n
}\n\n  super.parseFunctionParams(node, allowModifiers);\n }\n\n parseVarId(decl, kind) {\n
super.parseVarId(decl, kind);\n\n  if (this.match(types$1.colon)) {\n    decl.id.typeAnnotation =
this.flowParseTypeAnnotation();\n    this.resetEndLocation(decl.id);\n  }\n }\n\n parseAsyncArrowFromCallExpression(node, call) {\n  if (this.match(types$1.colon)) {\n    const
oldNoAnonFunctionType = this.state.noAnonFunctionType;\n    this.state.noAnonFunctionType = true;\n
node.returnType = this.flowParseTypeAnnotation();\n    this.state.noAnonFunctionType =
oldNoAnonFunctionType;\n  }\n\n  return super.parseAsyncArrowFromCallExpression(node, call);\n }\n\n shouldParseAsyncArrow() {\n  return this.match(types$1.colon) || super.shouldParseAsyncArrow();\n }\n\n parseMaybeAssign(refExpressionErrors, afterLeftParse, refNeedsArrowPos) {\n  var _jsx;\n\n  let state = null;\n
let jsx;\n\n  if (this.hasPlugin(\`jsx\`) && (this.match(types$1.jsxTagStart) || this.isRelational(\`<\`))) {\n    state =
this.state.clone();\n    jsx = this.tryParse(() => super.parseMaybeAssign(refExpressionErrors, afterLeftParse,
refNeedsArrowPos), state);\n    if (!jsx.error) return jsx.node;\n    const {\n      context\n    } = this.state;\n\n    if (context[context.length - 1] === types.j_oTag) {\n      context.length -= 2;\n    } else if (context[context.length -
1] === types.j_expr) {\n      context.length -= 1;\n    }\n  }\n\n  if ((_jsx = jsx) != null && _jsx.error ||
this.isRelational(\`<\`)) {\n    var _jsx2, _jsx3;\n\n    state = state || this.state.clone();\n    let typeParameters;\n
const arrow = this.tryParse(abort => {\n      var _arrowExpression$extr;\n\n      typeParameters =
this.flowParseTypeParameterDeclaration();\n      const arrowExpression =
this.forwardNoArrowParamsConversionAt(typeParameters, () => {\n        const result =
super.parseMaybeAssign(refExpressionErrors, afterLeftParse, refNeedsArrowPos);\n
this.resetStartLocationFromNode(result, typeParameters);\n        return result;\n      });\n\n      if
(arrowExpression.type !== `ArrowFunctionExpression` && (_arrowExpression$extr = arrowExpression.extra) !=
null && _arrowExpression$extr.parenthesized) {\n        abort();\n      }\n\n      const expr =
this.maybeUnwrapTypeCastExpression(arrowExpression);\n      expr.typeParameters = typeParameters;\n
this.resetStartLocationFromNode(expr, typeParameters);\n      return arrowExpression;\n    }, state);\n    let
arrowExpression = null;\n\n    if (arrow.node && this.maybeUnwrapTypeCastExpression(arrow.node).type ===
`ArrowFunctionExpression`) {\n      if (!arrow.error && !arrow.aborted) {\n        if (arrow.node.async) {\n

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this.raise(typeParameters.start, FlowErrors.UnexpectedTypeParameterBeforeAsyncArrowFunction);\n    }\n\n    return arrow.node;\n    }\n\n    arrowExpression = arrow.node;\n    }\n\n    if ((_jsx2 = jsx) != null && \n\n_jsx2.node) {\n    this.state = jsx.failState;\n    return jsx.node;\n    }\n\n    if (arrowExpression) {\n    this.state = arrow.failState;\n    return arrowExpression;\n    }\n\n    if ((_jsx3 = jsx) != null && _jsx3.thrown) \n\nthrow jsx.error;\n    if (arrow.thrown) throw arrow.error;\n    throw this.raise(typeParameters.start, \n\nFlowErrors.UnexpectedTokenAfterTypeParameter);\n    }\n\n    return \n\nsuper.parseMaybeAssign(refExpressionErrors, afterLeftParse, refNeedsArrowPos);\n    }\n\n    parseArrow(node) {\n    if (this.match(types$1.colon)) {\n    const result = this.tryParse(() => {\n    const oldNoAnonFunctionType = \n\nthis.state.noAnonFunctionType;\n    this.state.noAnonFunctionType = true;\n    const typeNode = \n\nthis.startNode();\n    [typeNode.typeAnnotation, node.predicate] = this.flowParseTypeAndPredicateInitialiser();\n    this.state.noAnonFunctionType = oldNoAnonFunctionType;\n    if (this.canInsertSemicolon()) \n\nthis.unexpected();\n    if (!this.match(types$1.arrow)) this.unexpected();\n    return typeNode;\n    });\n    if \n\n(result.thrown) return null;\n    if (result.error) this.state = result.failState;\n    node.returnType = \n\nresult.node.typeAnnotation ? this.finishNode(result.node, "TypeAnnotation") : null;\n    }\n\n    return \n\nsuper.parseArrow(node);\n    }\n\n    shouldParseArrow() {\n    return this.match(types$1.colon) || \n\nsuper.shouldParseArrow();\n    }\n\n    setArrowFunctionParameters(node, params) {\n    if \n\n(this.state.noArrowParamsConversionAt.indexOf(node.start) !== -1) {\n    node.params = params;\n    } else {\n    super.setArrowFunctionParameters(node, params);\n    }\n\n    checkParams(node, allowDuplicates, \n\nisArrowFunction) {\n    if (isArrowFunction && this.state.noArrowParamsConversionAt.indexOf(node.start) !== - \n\n1) {\n    return;\n    }\n\n    for (let i = 0; i < node.params.length; i++) {\n    if (this.isThisParam(node.params[i]) \n\n&& i > 0) {\n    this.raise(node.params[i].start, FlowErrors.ThisParamMustBeFirst);\n    }\n\n    }\n\n    return \n\nsuper.checkParams(...arguments);\n    }\n\n    parseParenAndDistinguishExpression(canBeArrow) {\n    return \n\nsuper.parseParenAndDistinguishExpression(canBeArrow && this.state.noArrowAt.indexOf(this.state.start) === - \n\n1);\n    }\n\n    parseSubscripts(base, startPos, startLoc, noCalls) {\n    if (base.type === "Identifier" && base.name \n\n=== "async" && this.state.noArrowAt.indexOf(startPos) !== -1) {\n    this.next();\n    const node = \n\nthis.startNodeAt(startPos, startLoc);\n    node.callee = base;\n    node.arguments = \n\nthis.parseCallExpressionArguments(types$1.parenR, false);\n    base = this.finishNode(node, \n\n"CallExpression");\n    } else if (base.type === "Identifier" && base.name === "async" && \n\nthis.isRelational("<")) {\n    const state = this.state.clone();\n    const arrow = this.tryParse(abort => \n\nthis.parseAsyncArrowWithTypeParameters(startPos, startLoc) || abort(), state);\n    if (!arrow.error && \n\n!arrow.aborted) return arrow.node;\n    const result = this.tryParse(() => super.parseSubscripts(base, startPos, \n\nstartLoc, noCalls), state);\n    if (result.node && !result.error) return result.node;\n\n    if (arrow.node) {\n    this.state = arrow.failState;\n    return arrow.node;\n    }\n\n    if (result.node) {\n    this.state = \n\nresult.failState;\n    return result.node;\n    }\n\n    throw arrow.error || result.error;\n    }\n\n    return \n\nsuper.parseSubscripts(base, startPos, startLoc, noCalls);\n    }\n\n    parseSubscript(base, startPos, startLoc, noCalls, \n\nsubscriptState) {\n    if (this.match(types$1.questionDot) && this.isLookaheadToken_It()) {\n    subscriptState.optionalChainMember = true;\n\n    if (noCalls) {\n    subscriptState.stop = true;\n    return \n\nbase;\n    }\n\n    this.next();\n    const node = this.startNodeAt(startPos, startLoc);\n    node.callee = base;\n    node.typeArguments = this.flowParseTypeParameterInstantiation();\n    this.expect(types$1.parenL);\n    node.arguments = this.parseCallExpressionArguments(types$1.parenR, false);\n    node.optional = true;\n    return \n\nthis.finishCallExpression(node, true);\n    } else if (!noCalls && this.shouldParseTypes() && \n\nthis.isRelational("<")) {\n    const node = this.startNodeAt(startPos, startLoc);\n    node.callee = base;\n    const \n\nresult = this.tryParse(() => {\n    node.typeArguments = this.flowParseTypeParameterInstantiationCallOrNew();\n    this.expect(types$1.parenL);\n    node.arguments = this.parseCallExpressionArguments(types$1.parenR, \n\nfalse);\n    if (subscriptState.optionalChainMember) node.optional = false;\n    return \n\nthis.finishCallExpression(node, subscriptState.optionalChainMember);\n    });\n\n    if (result.node) {\n    if \n\n(result.error) this.state = result.failState;\n    return result.node;\n    }\n\n    }\n\n    return \n\nsuper.parseSubscript(base, startPos, startLoc, noCalls, subscriptState);\n    }\n\n    parseNewArguments(node) {\n    let

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targs = null;\n\n if (this.shouldParseTypes() && this.isRelational("<")) {\n  targs = this.tryParse() =>
this.flowParseTypeParameterInstantiationCallOrNew()).node;\n }\n\n node.typeArguments = targs;\n
super.parseNewArguments(node);\n }\n\n parseAsyncArrowWithTypeParameters(startPos, startLoc) {\n  const
node = this.startNodeAt(startPos, startLoc);\n  this.parseFunctionParams(node);\n  if (!this.parseArrow(node))
return;\n  return this.parseArrowExpression(node, undefined, true);\n }\n\n readToken_mult_modulo(code) {\n
const next = this.input.charCodeAt(this.state.pos + 1);\n  if (code === 42 && next === 47 &&
this.state.hasFlowComment) {\n   this.state.hasFlowComment = false;\n   this.state.pos += 2;\n
this.nextToken();\n  return;\n }\n\n super.readToken_mult_modulo(code);\n }\n\n readToken_pipe_amp(code) {\n
const next = this.input.charCodeAt(this.state.pos + 1);\n\n if (code === 124 &&
next === 125) {\n   this.finishOp(types$1.braceBarR, 2);\n   return;\n }\n\n super.readToken_pipe_amp(code);\n }\n\n parseTopLevel(file, program) {\n  const fileNode =
super.parseTopLevel(file, program);\n\n if (this.state.hasFlowComment) {\n   this.raise(this.state.pos,
FlowErrors.UnterminatedFlowComment);\n }\n\n return fileNode;\n }\n\n skipBlockComment() {\n  if
(this.hasPlugin("flowComments") && this.skipFlowComment()) {\n   if (this.state.hasFlowComment) {\n
this.unexpected(null, FlowErrors.NestedFlowComment);\n   }\n\n   this.hasFlowCommentCompletion();\n
this.state.pos += this.skipFlowComment();\n   this.state.hasFlowComment = true;\n   return;\n }\n\n if
(this.state.hasFlowComment) {\n   const end = this.input.indexOf("\\*-^", this.state.pos + 2);\n\n   if (end === -
1) {\n     throw this.raise(this.state.pos - 2, ErrorMessages.UnterminatedComment);\n   }\n\n   this.state.pos =
end + 3;\n   return;\n }\n\n super.skipBlockComment();\n }\n\n skipFlowComment() {\n  const {\n   pos\n
} = this.state;\n  let shiftToFirstNonWhiteSpace = 2;\n\n  while ([32, 9].includes(this.input.charCodeAt(pos +
shiftToFirstNonWhiteSpace))) {\n   shiftToFirstNonWhiteSpace++;\n  }\n\n  const ch2 =
this.input.charCodeAt(shiftToFirstNonWhiteSpace + pos);\n  const ch3 =
this.input.charCodeAt(shiftToFirstNonWhiteSpace + pos + 1);\n\n  if (ch2 === 58 && ch3 === 58) {\n   return
shiftToFirstNonWhiteSpace + 2;\n  }\n\n  if (this.input.slice(shiftToFirstNonWhiteSpace + pos,
shiftToFirstNonWhiteSpace + pos + 12) === "flow-include") {\n   return shiftToFirstNonWhiteSpace + 12;\n
}\n\n  if (ch2 === 58 && ch3 !== 58) {\n   return shiftToFirstNonWhiteSpace;\n  }\n\n  return false;\n }\n\n
hasFlowCommentCompletion() {\n  const end = this.input.indexOf("\\*-^", this.state.pos);\n\n  if (end === -1) {\n
throw this.raise(this.state.pos, ErrorMessages.UnterminatedComment);\n  }\n }\n\n flowEnumErrorBooleanMemberNotInitialized(pos, {\n  enumName,\n  memberName\n }) {\n  this.raise(pos,
FlowErrors.EnumBooleanMemberNotInitialized, memberName, enumName);\n }\n\n flowEnumErrorInvalidMemberName(pos, {\n  enumName,\n  memberName\n }) {\n  const suggestion =
memberName[0].toUpperCase() + memberName.slice(1);\n  this.raise(pos,
FlowErrors.EnumInvalidMemberName, memberName, suggestion, enumName);\n }\n\n flowEnumErrorDuplicateMemberName(pos, {\n  enumName,\n  memberName\n }) {\n  this.raise(pos,
FlowErrors.EnumDuplicateMemberName, memberName, enumName);\n }\n\n flowEnumErrorInconsistentMemberValues(pos, {\n  enumName\n }) {\n  this.raise(pos,
FlowErrors.EnumInconsistentMemberValues, enumName);\n }\n\n flowEnumErrorInvalidExplicitType(pos, {\n
enumName,\n  suppliedType\n }) {\n  return this.raise(pos, suppliedType === null ?
FlowErrors.EnumInvalidExplicitTypeUnknownSupplied : FlowErrors.EnumInvalidExplicitType, enumName,
suppliedType);\n }\n\n flowEnumErrorInvalidMemberInitializer(pos, {\n  enumName,\n  explicitType,\n
memberName\n }) {\n  let message = null;\n\n  switch (explicitType) {\n   case "boolean":\n   case
"number":\n   case "string":\n     message = FlowErrors.EnumInvalidMemberInitializerPrimaryType;\n
break;\n\n   case "symbol":\n     message = FlowErrors.EnumInvalidMemberInitializerSymbolType;\n
break;\n\n   default:\n     message = FlowErrors.EnumInvalidMemberInitializerUnknownType;\n  }\n\n  return
this.raise(pos, message, enumName, memberName, explicitType);\n }\n\n flowEnumErrorNumberMemberNotInitialized(pos, {\n  enumName,\n  memberName\n }) {\n  this.raise(pos,
FlowErrors.EnumNumberMemberNotInitialized, enumName, memberName);\n }\n\n flowEnumErrorStringMemberInconsistentlyInitailized(pos, {\n  enumName\n }) {\n  this.raise(pos,

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FlowErrors.EnumStringMemberInconsistentlyInitailized, enumName);\n }\n\n flowEnumMemberInit() {\n const
startPos = this.state.start;\n\n const endOfInit = () => this.match(types$1.comma) ||
this.match(types$1.braceR);\n\n switch (this.state.type) {\n case types$1.num:\n\n const literal =
this.parseLiteral(this.state.value, \"NumericLiteral\");\n\n if (endOfInit()) {\n return {\n type:
\"number\", \n pos: literal.start, \n value: literal\n }; \n } \n\n return {\n type:
\"invalid\", \n pos: startPos\n }; \n } \n\n case types$1.string:\n\n const literal =
this.parseLiteral(this.state.value, \"StringLiteral\");\n\n if (endOfInit()) {\n return {\n type:
\"string\", \n pos: literal.start, \n value: literal\n }; \n } \n\n return {\n type:
\"invalid\", \n pos: startPos\n }; \n } \n\n case types$1._true:\n case types$1._false:\n\n {\n
const literal = this.parseBooleanLiteral();\n\n if (endOfInit()) {\n return {\n type:
\"boolean\", \n pos: literal.start, \n value: literal\n }; \n } \n\n return {\n type:
\"invalid\", \n pos: startPos\n }; \n } \n\n default:\n\n return {\n type: \"invalid\", \n
pos: startPos\n }; \n } \n } \n\n flowEnumMemberRaw() {\n const startPos = this.state.start;\n const id =
this.parseIdentifier(true);\n const init = this.eat(types$1.eq) ? this.flowEnumMemberInit() : {\n type:
\"none\", \n pos\n }; \n return {\n id, \n init\n }; \n } \n\n flowEnumCheckExplicitTypeMismatch(pos,
context, expectedType) {\n const {\n explicitType\n } = context;\n\n if (explicitType === null) {\n
return;\n } \n\n if (explicitType !== expectedType) {\n this.flowEnumErrorInvalidMemberInitializer(pos,
context);\n } \n } \n\n flowEnumMembers({\n enumName, \n explicitType\n }) {\n const seenNames = new
Set();\n const members = {\n booleanMembers: [], \n numberMembers: [], \n stringMembers: [], \n
defaultedMembers: []\n }; \n let hasUnknownMembers = false;\n\n while (!this.match(types$1.braceR)) {\n
if (this.eat(types$1.ellipsis)) {\n hasUnknownMembers = true;\n break;\n } \n\n const memberNode =
this.startNode();\n const {\n id, \n init\n } = this.flowEnumMemberRaw();\n const memberName =
id.name;\n\n if (memberName === \"\") {\n continue;\n } \n\n if (/^[a-z]/.test(memberName)) {\n
this.flowEnumErrorInvalidMemberName(id.start, {\n enumName, \n memberName\n }); \n } \n\n
if (seenNames.has(memberName)) {\n this.flowEnumErrorDuplicateMemberName(id.start, {\n
enumName, \n memberName\n }); \n } \n\n seenNames.add(memberName);\n const context = {\n
enumName, \n explicitType, \n memberName\n }; \n memberNode.id = id;\n\n switch (init.type)
{\n case \"boolean\":\n\n {\n this.flowEnumCheckExplicitTypeMismatch(init.pos, context,
\"boolean\");\n memberNode.init = init.value;\n
members.booleanMembers.push(this.finishNode(memberNode, \"EnumBooleanMember\"));\n break;\n
} \n\n case \"number\":\n\n {\n this.flowEnumCheckExplicitTypeMismatch(init.pos, context,
\"number\");\n memberNode.init = init.value;\n
members.numberMembers.push(this.finishNode(memberNode, \"EnumNumberMember\"));\n break;\n
} \n\n case \"string\":\n\n {\n this.flowEnumCheckExplicitTypeMismatch(init.pos, context,
\"string\");\n memberNode.init = init.value;\n
members.stringMembers.push(this.finishNode(memberNode, \"EnumStringMember\"));\n break;\n
} \n\n case \"invalid\":\n\n {\n throw this.flowEnumErrorInvalidMemberInitializer(init.pos,
context);\n } \n\n case \"none\":\n\n {\n switch (explicitType) {\n case \"boolean\":\n
this.flowEnumErrorBooleanMemberNotInitialized(init.pos, context);\n break;\n\n case
\"number\":\n\n this.flowEnumErrorNumberMemberNotInitialized(init.pos, context);\n break;\n\n
default:\n\n members.defaultedMembers.push(this.finishNode(memberNode,
\"EnumDefaultedMember\"));\n } \n } \n } \n\n if (!this.match(types$1.braceR)) {\n
this.expect(types$1.comma);\n } \n } \n\n return {\n members, \n hasUnknownMembers\n }; \n } \n\n
flowEnumStringMembers(initializedMembers, defaultedMembers, {\n enumName\n }) {\n if
(initializedMembers.length === 0) {\n return defaultedMembers;\n } else if (defaultedMembers.length === 0)
{\n return initializedMembers;\n } else if (defaultedMembers.length > initializedMembers.length) {\n for
(const member of initializedMembers) {\n
this.flowEnumErrorStringMemberInconsistentlyInitailized(member.start, {\n enumName\n }); \n } \n } \n
} \n\n

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return defaultedMembers;\n  } else {\n    for (const member of defaultedMembers) {\n
this.flowEnumErrorStringMemberInconsistentlyInitailized(member.start, {\n      enumName\n    });\n  }\n\n  return initializedMembers;\n  }\n}\n\nflowEnumParseExplicitType({\n  enumName\n}) {\n  if
(this.eatContextual("\of")) {\n    if (!this.match(types$1.name)) {\n      throw
this.flowEnumErrorInvalidExplicitType(this.state.start, {\n      enumName,\n      suppliedType: null\n    });\n
  }\n\n  const {\n    value\n  } = this.state;\n  this.next();\n\n  if (value !== "\boolean" && value !==
"\number" && value !== "\string" && value !== "\symbol") {\n
this.flowEnumErrorInvalidExplicitType(this.state.start, {\n      enumName,\n      suppliedType: value\n
});\n  }\n\n  return value;\n  }\n\n  return null;\n  }\n}\n\nflowEnumBody(node, {\n  enumName,\n
nameLoc\n}) {\n  const explicitType = this.flowEnumParseExplicitType({\n    enumName\n  });\n
this.expect(types$1.braceL);\n  const {\n    members,\n    hasUnknownMembers\n  } =
this.flowEnumMembers({\n    enumName,\n    explicitType\n  });\n  node.hasUnknownMembers =
hasUnknownMembers;\n\n  switch (explicitType) {\n    case "\boolean":\n      node.explicitType = true;\n
node.members = members.booleanMembers;\n      this.expect(types$1.braceR);\n      return this.finishNode(node,
"\EnumBooleanBody");\n\n    case "\number":\n      node.explicitType = true;\n      node.members =
members.numberMembers;\n      this.expect(types$1.braceR);\n      return this.finishNode(node,
"\EnumNumberBody");\n\n    case "\string":\n      node.explicitType = true;\n      node.members =
this.flowEnumStringMembers(members.stringMembers, members.defaultedMembers, {\n      enumName\n
});\n      this.expect(types$1.braceR);\n      return this.finishNode(node, "\EnumStringBody");\n\n    case
"\symbol":\n      node.members = members.defaultedMembers;\n      this.expect(types$1.braceR);\n      return
this.finishNode(node, "\EnumSymbolBody");\n\n    default:\n      {\n        const empty = () => {\n
node.members = [];\n          this.expect(types$1.braceR);\n          return this.finishNode(node,
"\EnumStringBody");\n        };\n\n        node.explicitType = false;\n        const boolsLen =
members.booleanMembers.length;\n        const numsLen = members.numberMembers.length;\n        const strLen
= members.stringMembers.length;\n        const defaultedLen = members.defaultedMembers.length;\n\n        if
(!boolsLen && !numsLen && !strLen && !defaultedLen) {\n          return empty();\n        } else if (!boolsLen
&& !numsLen) {\n          node.members = this.flowEnumStringMembers(members.stringMembers,
members.defaultedMembers, {\n            enumName\n          });\n          this.expect(types$1.braceR);\n
return this.finishNode(node, "\EnumStringBody");\n        } else if (!numsLen && !strLen && boolsLen >=
defaultedLen) {\n          for (const member of members.defaultedMembers) {\n
this.flowEnumErrorBooleanMemberNotInitialized(member.start, {\n            enumName,\n
memberName: member.id.name\n          });\n          }\n\n          node.members = members.booleanMembers;\n
this.expect(types$1.braceR);\n          return this.finishNode(node, "\EnumBooleanBody");\n        } else if
(!boolsLen && !strLen && numsLen >= defaultedLen) {\n          for (const member of
members.defaultedMembers) {\n            this.flowEnumErrorNumberMemberNotInitialized(member.start, {\n
              enumName,\n              memberName: member.id.name\n            });\n          }\n\n          node.members =
members.numberMembers;\n          this.expect(types$1.braceR);\n          return this.finishNode(node,
"\EnumNumberBody");\n        } else {\n          this.flowEnumErrorInconsistentMemberValues(nameLoc, {\n
            enumName\n          });\n          return empty();\n        }\n      }\n    }\n  }\n}\n}\n\n
flowParseEnumDeclaration(node) {\n  const id = this.parseIdentifier();\n  node.id = id;\n  node.body =
this.flowEnumBody(this.startNode(), {\n    enumName: id.name,\n    nameLoc: id.start\n  });\n  return
this.finishNode(node, "\EnumDeclaration");\n}\n\nupdateContext(prevType) {\n  if (this.match(types$1.name)
&& this.state.value === "\of" && prevType === types$1.name && this.input.slice(this.state.lastTokStart,
this.state.lastTokEnd) === "\interface") {\n    this.state.exprAllowed = false;\n  } else {\n
super.updateContext(prevType);\n  }\n}\n\nisLookaheadToken_lt() {\n  const next = this.nextTokenStart();\n\n
if (this.input.charCodeAt(next) === 60) {\n    const afterNext = this.input.charCodeAt(next + 1);\n    return
afterNext !== 60 && afterNext !== 61;\n  }\n\n  return false;\n}\n\nmaybeUnwrapTypeCastExpression(node)
{\n  return node.type === "\TypeCastExpression" ? node.expression : node;\n}\n\nconst entities = {\n

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quot: "\u0022",\n amp: "&","\n apos: "\u0027","\n lt: "<","\n gt: ">","\n nbsp: "\u00A0","\n iexcl: "\u00A1","\n cent: "\u00A2","\n pound: "\u00A3","\n curren: "\u00A4","\n yen: "\u00A5","\n brvbar: "\u00A6","\n sect: "\u00A7","\n uml: "\u00A8","\n copy: "\u00A9","\n ordf: "\u00AA","\n laquo: "\u00AB","\n not: "\u00AC","\n shy: "\u00AD","\n reg: "\u00AE","\n macr: "\u00AF","\n deg: "\u00B0","\n plusmn: "\u00B1","\n sup2: "\u00B2","\n sup3: "\u00B3","\n acute: "\u00B4","\n micro: "\u00B5","\n para: "\u00B6","\n middot: "\u00B7","\n cedil: "\u00B8","\n sup1: "\u00B9","\n ordm: "\u00BA","\n raquo: "\u00BB","\n frac14: "\u00BC","\n frac12: "\u00BD","\n frac34: "\u00BE","\n iquest: "\u00BF","\n Agrave: "\u00C0","\n Aacute: "\u00C1","\n Acirc: "\u00C2","\n Atilde: "\u00C3","\n Auml: "\u00C4","\n Aring: "\u00C5","\n Aelig: "\u00C6","\n Ccedil: "\u00C7","\n Egrave: "\u00C8","\n Eacute: "\u00C9","\n Ecirc: "\u00CA","\n Euml: "\u00CB","\n Igrave: "\u00CC","\n Iacute: "\u00CD","\n Icirc: "\u00CE","\n Iuml: "\u00CF","\n ETH: "\u00D0","\n Ntilde: "\u00D1","\n Ograve: "\u00D2","\n Oacute: "\u00D3","\n Ocirc: "\u00D4","\n Otilde: "\u00D5","\n Ouml: "\u00D6","\n times: "\u00D7","\n Oslash: "\u00D8","\n Ugrave: "\u00D9","\n Uacute: "\u00DA","\n Ucirc: "\u00DB","\n Uuml: "\u00DC","\n Yacute: "\u00DD","\n THORN: "\u00DE","\n szlig: "\u00DF","\n agrave: "\u00E0","\n acute: "\u00E1","\n acirc: "\u00E2","\n atilde: "\u00E3","\n auml: "\u00E4","\n aring: "\u00E5","\n aelig: "\u00E6","\n ccedil: "\u00E7","\n egrave: "\u00E8","\n eacute: "\u00E9","\n ecirc: "\u00EA","\n euml: "\u00EB","\n igrave: "\u00EC","\n iacute: "\u00ED","\n icirc: "\u00EE","\n iuml: "\u00EF","\n eth: "\u00F0","\n ntilde: "\u00F1","\n ograve: "\u00F2","\n oacute: "\u00F3","\n ocirc: "\u00F4","\n otilde: "\u00F5","\n ouml: "\u00F6","\n divide: "\u00F7","\n oslash: "\u00F8","\n ugrave: "\u00F9","\n uacute: "\u00FA","\n ucirc: "\u00FB","\n uuml: "\u00FC","\n yacute: "\u00FD","\n thorn: "\u00FE","\n yuml: "\u00FF","\n OElig: "\u0152","\n oelig: "\u0153","\n Scaron: "\u0160","\n scaron: "\u0161","\n Yuml: "\u0178","\n fnof: "\u0192","\n circ: "\u02C6","\n tilde: "\u02DC","\n Alpha: "\u0391","\n Beta: "\u0392","\n Gamma: "\u0393","\n Delta: "\u0394","\n Epsilon: "\u0395","\n Zeta: "\u0396","\n Eta: "\u0397","\n Theta: "\u0398","\n Iota: "\u0399","\n Kappa: "\u039A","\n Lambda: "\u039B","\n Mu: "\u039C","\n Nu: "\u039D","\n Xi: "\u039E","\n Omicron: "\u039F","\n Pi: "\u03A0","\n Rho: "\u03A1","\n Sigma: "\u03A3","\n Tau: "\u03A4","\n Upsilon: "\u03A5","\n Phi: "\u03A6","\n Chi: "\u03A7","\n Psi: "\u03A8","\n Omega: "\u03A9","\n alpha: "\u03B1","\n beta: "\u03B2","\n gamma: "\u03B3","\n delta: "\u03B4","\n epsilon: "\u03B5","\n zeta: "\u03B6","\n eta: "\u03B7","\n theta: "\u03B8","\n iota: "\u03B9","\n kappa: "\u03BA","\n lambda: "\u03BB","\n mu: "\u03BC","\n nu: "\u03BD","\n xi: "\u03BE","\n omicron: "\u03BF","\n pi: "\u03C0","\n rho: "\u03C1","\n sigmaf: "\u03C2","\n sigma: "\u03C3","\n tau: "\u03C4","\n upsilon: "\u03C5","\n phi: "\u03C6","\n chi: "\u03C7","\n psi: "\u03C8","\n omega: "\u03C9","\n thetasym: "\u03D1","\n upsih: "\u03D2","\n piv: "\u03D6","\n enspace: "\u2002","\n emspace: "\u2003","\n thinspace: "\u2009","\n zwj: "\u200C","\n zwnj: "\u200D","\n lrm: "\u200E","\n rlm: "\u200F","\n ndash: "\u2013","\n mdash: "\u2014","\n lsquo: "\u2018","\n rsquo: "\u2019","\n sbquo: "\u201A","\n ldquo: "\u201C","\n rdquo: "\u201D","\n bdquo: "\u201E","\n dagger: "\u2020","\n Dagger: "\u2021","\n bull: "\u2022","\n hellip: "\u2026","\n permil: "\u2030","\n prime: "\u2032","\n Prime: "\u2033","\n lsquo: "\u2039","\n rsquo: "\u203A","\n oline: "\u203E","\n frasl: "\u2044","\n euro: "\u20AC","\n image: "\u2111","\n weierp: "\u2118","\n real: "\u211C","\n trade: "\u2122","\n alefsym: "\u2135","\n larr: "\u2190","\n uarr: "\u2191","\n rarr: "\u2192","\n darr: "\u2193","\n harr: "\u2194","\n crarr: "\u21B5","\n lArr: "\u21D0","\n uArr: "\u21D1","\n rArr: "\u21D2","\n dArr: "\u21D3","\n hArr: "\u21D4","\n forall: "\u2200","\n part: "\u2202","\n exist: "\u2203","\n empty: "\u2205","\n nabla: "\u2207","\n isin: "\u2208","\n notin: "\u2209","\n ni: "\u220B","\n prod: "\u220F","\n sum: "\u2211","\n minus: "\u2212","\n lowast: "\u2217","\n radic: "\u221A","\n prop: "\u221D","\n infin: "\u221E","\n ang: "\u2220","\n and: "\u2227","\n or: "\u2228","\n cap: "\u2229","\n cup: "\u222A","\n int: "\u222B","\n there4: "\u2234","\n sim: "\u223C","\n cong: "\u2245","\n asymp: "\u2248","\n ne: "\u2260","\n equiv: "\u2261","\n le: "\u2264","\n ge: "\u2265","\n sub: "\u2282","\n sup: "\u2283","\n nsub: "\u2284","\n sube: "\u2286","\n supe: "\u2287","\n oplus: "\u2295","\n otimes: "\u2297","\n perp: "\u22A5","\n sdot: "\u22C5","\n lceil: "\u2308","\n rceil: "\u2309","\n lfloor: "\u230A","\n rfloor: "\u230B","\n lang:

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"\u2329",\n rang: "\u232A",\n loz: "\u25CA",\n spades: "\u2660",\n clubs: "\u2663",\n hearts:
"\u2665",\n diams: "\u2666"};\n\nconst HEX_NUMBER = /^[da-fA-F]+$/;\nconst DECIMAL_NUMBER =
/^[d+$/;\nconst JsxErrors = makeErrorTemplates({\n  AttributeIsEmpty: "JSX attributes must only be assigned a
non-empty expression.",\n  MissingClosingTagElement: "Expected corresponding JSX closing tag for <%0>.",\n
MissingClosingTagFragment: "Expected corresponding JSX closing tag for <>.",\n
UnexpectedSequenceExpression: "Sequence expressions cannot be directly nested inside JSX. Did you mean to
wrap it in parentheses (...)?",\n  UnsupportedJsxValue: "JSX value should be either an expression or a quoted JSX
text.",\n  UnterminatedJsxContent: "Unterminated JSX contents.",\n  UnwrappedAdjacentJSXElements:
"Adjacent JSX elements must be wrapped in an enclosing tag. Did you want a JSX fragment <>...</>?",\n
ErrorCodes.SyntaxError});\nntypes.j_oTag = new TokContext("<tag", false);\nntypes.j_cTag = new
TokContext("</tag", false);\nntypes.j_expr = new TokContext("<tag>...</tag>", true, true);\nntypes.$1.jsxName =
new TokenType("jsxName");\nntypes.$1.jsxText = new TokenType("jsxText", {\n  beforeExpr:
true\n});\nntypes.$1.jsxTagStart = new TokenType("jsxTagStart", {\n  startsExpr: true\n});\nntypes.$1.jsxTagEnd =
new TokenType("jsxTagEnd");\nntypes.$1.jsxTagStart.updateContext = function () {\n
this.state.context.push(types.j_expr);\n  this.state.context.push(types.j_oTag);\n  this.state.exprAllowed =
false;\n};\nntypes.$1.jsxTagEnd.updateContext = function (prevType) {\n  const out = this.state.context.pop();\n
if (out === types.j_oTag && prevType === types.$1.slash || out === types.j_cTag) {\n  this.state.context.pop();\n
this.state.exprAllowed = this.curContext() === types.j_expr;\n  } else {\n  this.state.exprAllowed = true;\n
}\n};\n\nfunction isFragment(object) {\n  return object ? object.type === "JSXOpeningFragment" || object.type
=== "JSXClosingFragment" : false;\n}\n\nfunction getQualifiedJSXName(object) {\n  if (object.type ===
"JSXIdentifier") {\n  return object.name;\n  }\n  if (object.type === "JSXNamespacedName") {\n  return
object.namespace.name + ":" + object.name.name;\n  }\n  if (object.type === "JSXMemberExpression") {\n
return getQualifiedJSXName(object.object) + "." + getQualifiedJSXName(object.property);\n  }\n  throw new
Error("Node had unexpected type: " + object.type);\n}\n\nvar jsx = (superClass => class extends superClass {\n
jsxReadToken() {\n  let out = "";\n  let chunkStart = this.state.pos;\n\n  for (;) {\n  if (this.state.pos >=
this.length) {\n  throw this.raise(this.state.start, JsxErrors.UnderminatedJsxContent);\n  }\n\n  const ch =
this.input.charCodeAt(this.state.pos);\n\n  switch (ch) {\n  case 60:\n  case 123:\n  if (this.state.pos
=== this.state.start) {\n  if (ch === 60 && this.state.exprAllowed) {\n  ++this.state.pos;\n
return this.finishToken(types.$1.jsxTagStart);\n  }\n\n  return super.getTokenFromCode(ch);\n
}\n\n  out += this.input.slice(chunkStart, this.state.pos);\n  return this.finishToken(types.$1.jsxText,
out);\n\n  case 38:\n  out += this.input.slice(chunkStart, this.state.pos);\n  out +=
this.jsxReadEntity();\n  chunkStart = this.state.pos;\n  break;\n\n  case 62:\n  case 125:\n\n
default:\n  if (isNewLine(ch)) {\n  out += this.input.slice(chunkStart, this.state.pos);\n  out +=
this.jsxReadNewLine(true);\n  chunkStart = this.state.pos;\n  } else {\n  ++this.state.pos;\n
}\n\n  }\n  }\n  }\n\n  jsxReadNewLine(normalizeCRLF) {\n  const ch = this.input.charCodeAt(this.state.pos);\n
let out;\n  ++this.state.pos;\n\n  if (ch === 13 && this.input.charCodeAt(this.state.pos) === 10) {\n
++this.state.pos;\n  out = normalizeCRLF ? "\\n" : "\\r\\n";\n  } else {\n  out = String.fromCharCode(ch);\n
}\n\n  ++this.state.curLine;\n  this.state.lineStart = this.state.pos;\n  return out;\n  }\n\n  jsxReadString(quote) {\n
let out = "";\n  let chunkStart = ++this.state.pos;\n\n  for (;) {\n  if (this.state.pos >= this.length) {\n
throw this.raise(this.state.start, ErrorMessages.UnderminatedString);\n  }\n\n  const ch =
this.input.charCodeAt(this.state.pos);\n  if (ch === quote) break;\n\n  if (ch === 38) {\n  out +=
this.input.slice(chunkStart, this.state.pos);\n  out += this.jsxReadEntity();\n  chunkStart = this.state.pos;\n
} else if (isNewLine(ch)) {\n  out += this.input.slice(chunkStart, this.state.pos);\n  out +=
this.jsxReadNewLine(false);\n  chunkStart = this.state.pos;\n  } else {\n  ++this.state.pos;\n  }\n  }\n\n
out += this.input.slice(chunkStart, this.state.pos++);\n  return this.finishToken(types.$1.string, out);\n  }\n\n
jsxReadEntity() {\n  let str = "";\n  let count = 0;\n  let entity;\n  let ch = this.input[this.state.pos];\n  const
startPos = ++this.state.pos;\n\n  while (this.state.pos < this.length && count++ < 10) {\n  ch =
this.input[this.state.pos++];\n\n  if (ch === ";" || "\n") {\n  if (str[0] === "#") {\n  if (str[1] === "x") {\n

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    str = str.substr(2);\n\n        if (HEX_NUMBER.test(str)) {\n            entity = String.fromCodePoint(parseInt(str,\n16));\n        }\n    } else {\n        str = str.substr(1);\n        if (DECIMAL_NUMBER.test(str)) {\n            entity = String.fromCodePoint(parseInt(str, 10));\n        }\n    } else {\n        entity = entities[str];\n    }\n    break;\n}\n\n    str += ch;\n}\n\n    if (!entity) {\n        this.state.pos = startPos;\n        return "&";\n    }\n\n    return entity;\n}\n\n    jsxReadWord() {\n        let ch;\n        const start = this.state.pos;\n        do {\n            ch =\nthis.input.charCodeAt(++this.state.pos);\n        } while (isIdentifierChar(ch) || ch === 45);\n        return\nthis.finishToken(types.$1.jsxName, this.input.slice(start, this.state.pos));\n    }\n\n    jsxParseIdentifier() {\n        const\nnode = this.startNode();\n        if (this.match(types.$1.jsxName)) {\n            node.name = this.state.value;\n        } else if\n(this.state.type.keyword) {\n            node.name = this.state.type.keyword;\n        } else {\n            this.unexpected();\n        }\n        this.next();\n        return this.finishNode(node, "JSXIdentifier");\n    }\n\n    jsxParseNamespacedName() {\n        const\nstartPos = this.state.start;\n        const startLoc = this.state.startLoc;\n        const name = this.jsxParseIdentifier();\n        if\n(!this.eat(types.$1.colon)) return name;\n        const node = this.startNodeAt(startPos, startLoc);\n        node.namespace =\name;\n        node.name = this.jsxParseIdentifier();\n        return this.finishNode(node, "JSXNamespacedName");\n    }\n\n    jsxParseElementName() {\n        const startPos = this.state.start;\n        const startLoc = this.state.startLoc;\n        let\nnode = this.jsxParseNamespacedName();\n        if (node.type === "JSXNamespacedName") {\n            return node;\n        }\n        while (this.eat(types.$1.dot)) {\n            const newNode = this.startNodeAt(startPos, startLoc);\n            newNode.object = node;\n            newNode.property = this.jsxParseIdentifier();\n            node = this.finishNode(newNode,\n"JSXMemberExpression");\n        }\n        return node;\n    }\n\n    jsxParseAttributeValue() {\n        let node;\n        switch\n(this.state.type) {\n            case types.$1.braceL:\n                node = this.startNode();\n                this.next();\n                node =\nthis.jsxParseExpressionContainer(node);\n                if (node.expression.type === "JSXEmptyExpression") {\n                    this.raise(node.start, JsxErrors.AttributeIsEmpty);\n                }\n                return node;\n            case types.$1.jsxTagStart:\n            case types.$1.string:\n                return this.parseExprAtom();\n            default:\n                throw this.raise(this.state.start,\nJsxErrors.UnsupportedJsxValue);\n        }\n    }\n\n    jsxParseEmptyExpression() {\n        const node =\nthis.startNodeAt(this.state.lastTokEnd, this.state.lastTokEndLoc);\n        return this.finishNodeAt(node,\n"JSXEmptyExpression", this.state.start, this.state.startLoc);\n    }\n\n    jsxParseSpreadChild(node) {\n        this.next();\n        node.expression = this.parseExpression();\n        this.expect(types.$1.braceR);\n        return this.finishNode(node,\n"JSXSpreadChild");\n    }\n\n    jsxParseExpressionContainer(node) {\n        if (this.match(types.$1.braceR)) {\n            node.expression = this.jsxParseEmptyExpression();\n        } else {\n            const expression = this.parseExpression();\n            node.expression = expression;\n        }\n        this.expect(types.$1.braceR);\n        return this.finishNode(node,\n"JSXExpressionContainer");\n    }\n\n    jsxParseAttribute() {\n        const node = this.startNode();\n        if\n(this.eat(types.$1.braceL)) {\n            this.expect(types.$1.ellipsis);\n            node.argument =\nthis.parseMaybeAssignAllowIn();\n            this.expect(types.$1.braceR);\n            return this.finishNode(node,\n"JSXSpreadAttribute");\n        }\n        node.name = this.jsxParseNamespacedName();\n        node.value =\nthis.eat(types.$1.eq) ? this.jsxParseAttributeValue() : null;\n        return this.finishNode(node, "JSXAttribute");\n    }\n\n    jsxParseOpeningElementAt(startPos, startLoc) {\n        const node = this.startNodeAt(startPos, startLoc);\n        if\n(this.match(types.$1.jsxTagEnd)) {\n            this.expect(types.$1.jsxTagEnd);\n            return this.finishNode(node,\n"JSXOpeningFragment");\n        }\n        node.name = this.jsxParseElementName();\n        return\nthis.jsxParseOpeningElementAfterName(node);\n    }\n\n    jsxParseOpeningElementAfterName(node) {\n        const\nattributes = [];\n        while (!this.match(types.$1.slash) && !this.match(types.$1.jsxTagEnd)) {\n            attributes.push(this.jsxParseAttribute());\n        }\n        node.attributes = attributes;\n        node.selfClosing =\nthis.eat(types.$1.slash);\n        this.expect(types.$1.jsxTagEnd);\n        return this.finishNode(node,\n"JSXOpeningElement");\n    }\n\n    jsxParseClosingElementAt(startPos, startLoc) {\n        const node =\nthis.startNodeAt(startPos, startLoc);\n        if (this.match(types.$1.jsxTagEnd)) {\n            this.expect(types.$1.jsxTagEnd);\n            return this.finishNode(node, "JSXClosingFragment");\n        }\n        node.name =\nthis.jsxParseElementName();\n        this.expect(types.$1.jsxTagEnd);\n        return this.finishNode(node,\n"JSXClosingElement");\n    }\n\n    jsxParseElementAt(startPos, startLoc) {\n        const node =\nthis.startNodeAt(startPos, startLoc);\n        const children = [];\n        const openingElement =\nthis.jsxParseOpeningElementAt(startPos, startLoc);\n        let closingElement = null;\n        if

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(!openingElement.selfClosing) {\n  contents: for (;) {\n    switch (this.state.type) {\n      case
types$1.jsxTagStart:\n      startPos = this.state.start;\n      startLoc = this.state.startLoc;\n      this.next();\n      if (this.eat(types$1.slash)) {\n        closingElement =
this.jsxParseClosingElementAt(startPos, startLoc);\n        break contents;\n      }\n      children.push(this.jsxParseElementAt(startPos, startLoc));\n      break;\n      case types$1.jsxText:\n      children.push(this.parseExprAtom());\n      break;\n      case types$1.braceL:\n      {\n        const node
= this.startNode();\n        this.next();\n        if (this.match(types$1.ellipsis)) {\n
children.push(this.jsxParseSpreadChild(node));\n        } else {\n
children.push(this.jsxParseExpressionContainer(node));\n        }\n        break;\n      }\n      default:\n      throw this.unexpected();\n    }\n  }\n  if (isFragment(openingElement) &&
!isFragment(closingElement)) {\n    this.raise(closingElement.start, JsxErrors.MissingClosingTagFragment);\n
} else if (!isFragment(openingElement) && isFragment(closingElement)) {\n    this.raise(closingElement.start,
JsxErrors.MissingClosingTagElement, getQualifiedJSXName(openingElement.name));\n  } else if
(!isFragment(openingElement) && !isFragment(closingElement)) {\n    if
(getQualifiedJSXName(closingElement.name) !== getQualifiedJSXName(openingElement.name)) {\n
this.raise(closingElement.start, JsxErrors.MissingClosingTagElement,
getQualifiedJSXName(openingElement.name));\n    }\n    }\n    if (isFragment(openingElement)) {\n
node.openingFragment = openingElement;\n    node.closingFragment = closingElement;\n    } else {\n
node.openingElement = openingElement;\n    node.closingElement = closingElement;\n    }\n    node.children =
children;\n    if (this.isRelational("<")) {\n      throw this.raise(this.state.start,
JsxErrors.UnwrappedAdjacentJSXElements);\n    }\n    return isFragment(openingElement) ?
this.finishNode(node, \"JSXFragment\") : this.finishNode(node, \"JSXElement\");\n  }\n  jsxParseElement() {\n
const startPos = this.state.start;\n  const startLoc = this.state.startLoc;\n  this.next();\n  return
this.jsxParseElementAt(startPos, startLoc);\n  }\n  parseExprAtom(refExpressionErrors) {\n    if
(this.match(types$1.jsxText)) {\n      return this.parseLiteral(this.state.value, \"JSXText\");\n    } else if
(this.match(types$1.jsxTagStart)) {\n      return this.jsxParseElement();\n    } else if (this.isRelational("<") &&
this.input.charCodeAtAt(this.state.pos) !== 33) {\n      this.finishToken(types$1.jsxTagStart);\n      return
this.jsxParseElement();\n    } else {\n      return super.parseExprAtom(refExpressionErrors);\n    }\n  }\n  getTokenFromCode(code) {\n    if (this.state.inPropertyName) return super.getTokenFromCode(code);\n    const
context = this.curContext();\n    if (context === types.j_expr) {\n      return this.jsxReadToken();\n    }\n    if
(context === types.j_oTag || context === types.j_cTag) {\n      if (isIdentifierStart(code)) {\n        return
this.jsxReadWord();\n      }\n      if (code === 62) {\n        ++this.state.pos;\n        return
this.finishToken(types$1.jsxTagEnd);\n      }\n      if ((code === 34 || code === 39) && context === types.j_oTag)
{\n        return this.jsxReadString(code);\n      }\n      if (code === 60 && this.state.exprAllowed &&
this.input.charCodeAtAt(this.state.pos + 1) !== 33) {\n        ++this.state.pos;\n        return
this.finishToken(types$1.jsxTagStart);\n      }\n      return super.getTokenFromCode(code);\n    }\n  }\n  updateContext(prevType) {\n    if (this.match(types$1.braceL)) {\n      const curContext = this.curContext();\n      if
(curContext === types.j_oTag) {\n        this.state.context.push(types.braceExpression);\n      } else if (curContext
=== types.j_expr) {\n        this.state.context.push(types.templateQuasi);\n      } else {\n
super.updateContext(prevType);\n      }\n      this.state.exprAllowed = true;\n    } else if (this.match(types$1.slash)
&& prevType === types$1.jsxTagStart) {\n      this.state.context.length -= 2;\n
this.state.context.push(types.j_cTag);\n      this.state.exprAllowed = false;\n    } else {\n      return
super.updateContext(prevType);\n    }\n  }\n}\n\nclass TypeScriptScope extends Scope {\n  constructor(...args)
{\n    super(...args);\n    this.types = [];\n    this.enums = [];\n    this.constEnums = [];\n    this.classes = [];\n
this.exportOnlyBindings = [];\n  }\n}\n\nclass TypeScriptScopeHandler extends ScopeHandler {\n
createScope(flags) {\n    return new TypeScriptScope(flags);\n  }\n  declareName(name, bindingType, pos) {\n
const scope = this.currentScope();\n    if (bindingType & BIND_FLAGS_TS_EXPORT_ONLY) {\n
this.maybeExportDefined(scope, name);\n    scope.exportOnlyBindings.push(name);\n    return;\n  }\n}

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super.declareName(...arguments);\n\n if (bindingType & BIND_KIND_TYPE) {\n   if (!(bindingType &\n   BIND_KIND_VALUE)) {\n     this.checkRedeclarationInScope(scope, name, bindingType, pos);\n   }\n   this.maybeExportDefined(scope, name);\n   }\n\n scope.types.push(name);\n }\n\n if (bindingType &\n   BIND_FLAGS_TS_ENUM) scope.enums.push(name);\n\n if (bindingType &\n   BIND_FLAGS_TS_CONST_ENUM) scope.constEnums.push(name);\n\n if (bindingType &\n   BIND_FLAGS_CLASS) scope.classes.push(name);\n }\n\n isRedeclaredInScope(scope, name, bindingType) {\n   if (scope.enums.indexOf(name) > -1) {\n     if (bindingType & BIND_FLAGS_TS_ENUM) {\n       const isConst =\n       !(bindingType & BIND_FLAGS_TS_CONST_ENUM);\n       const wasConst =\n       scope.constEnums.indexOf(name) > -1;\n       return isConst !== wasConst;\n     }\n     return true;\n   }\n\n   if\n   (bindingType & BIND_FLAGS_CLASS && scope.classes.indexOf(name) > -1) {\n     if\n     (scope.lexical.indexOf(name) > -1) {\n       return !(bindingType & BIND_KIND_VALUE);\n     }\n     else {\n       return false;\n     }\n   }\n\n   if (bindingType & BIND_KIND_TYPE && scope.types.indexOf(name) > -1) {\n     return true;\n   }\n\n   return super.isRedeclaredInScope(...arguments);\n }\n\n checkLocalExport(id) {\n   if\n   (this.scopeStack[0].types.indexOf(id.name) === -1 && this.scopeStack[0].exportOnlyBindings.indexOf(id.name)\n   === -1) {\n     super.checkLocalExport(id);\n   }\n }\n\n\nconst PARAM = 0b0000,\n   PARAM_YIELD =\n   0b0001,\n   PARAM_AWAIT = 0b0010,\n   PARAM_RETURN = 0b0100,\n   PARAM_IN = 0b1000;\n\nclass\n   ProductionParameterHandler {\n   constructor() {\n     this.stacks = [];\n   }\n\n   enter(flags) {\n     this.stacks.push(flags);\n   }\n\n   exit() {\n     this.stacks.pop();\n   }\n\n   currentFlags() {\n     return\n     this.stacks[this.stacks.length - 1];\n   }\n\n   get hasAwait() {\n     return (this.currentFlags() & PARAM_AWAIT) >\n     0;\n   }\n\n   get hasYield() {\n     return (this.currentFlags() & PARAM_YIELD) > 0;\n   }\n\n   get hasReturn() {\n     return (this.currentFlags() & PARAM_RETURN) > 0;\n   }\n\n   get hasIn() {\n     return (this.currentFlags() &\n     PARAM_IN) > 0;\n   }\n\n   function flags(isAsync, isGenerator) {\n     return (isAsync ? PARAM_AWAIT\n     : 0) | (isGenerator ? PARAM_YIELD : 0);\n   }\n\n   function nonNull(x) {\n     if (x == null) {\n       throw new\n       Error(`Unexpected ${x} value.`);\n     }\n     return x;\n   }\n\n   function assert(x) {\n     if (!x) {\n       throw new\n       Error(`Assert fail`);\n     }\n   }\n\n   const TSErrors = makeErrorTemplates({\n     AbstractMethodHasImplementation:\n     `\"Method '%0' cannot have an implementation because it is marked abstract.`,\n     AccesorCannotDeclareThisParameter: `\"'get' and 'set' accessors cannot declare 'this' parameters.`,\n     AccesorCannotHaveTypeParameters: `\"An accessor cannot have type parameters.`,\n     ClassMethodHasDeclare:\n     `\"Class methods cannot have the 'declare' modifier.`,\n     ClassMethodHasReadOnly: `\"Class methods cannot have\n     the 'readonly' modifier.`,\n     ConstructorHasTypeParameters: `\"Type parameters cannot appear on a constructor\n     declaration.`,\n     DeclareAccessor: `\"'declare' is not allowed in %0ters.`,\n     DeclareClassFieldHasInitializer:\n     `\"Initializers are not allowed in ambient contexts.`,\n     DeclareFunctionHasImplementation: `\"An implementation\n     cannot be declared in ambient contexts.`,\n     DuplicateAccessibilityModifier: `\"Accessibility modifier already\n     seen.`,\n     DuplicateModifier: `\"Duplicate modifier: '%0'.`,\n     EmptyHeritageClauseType: `\"'%0' list cannot be\n     empty.`,\n     EmptyTypeArguments: `\"Type argument list cannot be empty.`,\n     EmptyTypeParameters: `\"Type\n     parameter list cannot be empty.`,\n     ExpectedAmbientAfterExportDeclare: `\"'export declare' must be followed by\n     an ambient declaration.`,\n     ImportAliasHasImportType: `\"An import alias can not use 'import type'.`,\n     IncompatibleModifiers: `\"'%0' modifier cannot be used with '%1' modifier.`,\n     IndexSignatureHasAbstract: `\"Index\n     signatures cannot have the 'abstract' modifier.`,\n     IndexSignatureHasAccessibility: `\"Index signatures cannot have\n     an accessibility modifier (%0).`,\n     IndexSignatureHasDeclare: `\"Index signatures cannot have the 'declare'\n     modifier.`,\n     IndexSignatureHasOverride: `\"'override' modifier cannot appear on an index signature.`,\n     IndexSignatureHasStatic: `\"Index signatures cannot have the 'static' modifier.`,\n     InvalidModifierOnTypeMember:\n     `\"'%0' modifier cannot appear on a type member.`,\n     InvalidModifiersOrder: `\"'%0' modifier must precede '%1'\n     modifier.`,\n     InvalidTupleMemberLabel: `\"Tuple members must be labeled with a simple identifier.`,\n     MixedLabeledAndUnlabeledElements: `\"Tuple members must all have names or all not have names.`,\n     NonAbstractClassHasAbstractMethod: `\"Abstract methods can only appear within an abstract class.`,\n     NonClassMethodPropertyHasAbstractModifier: `\"'abstract' modifier can only appear on a class, method, or property\n     declaration.`,\n     OptionalTypeBeforeRequired: `\"A required element cannot follow an optional element.`,\n   })\n }
```


OverrideNotInSubClass: \"This member cannot have an 'override' modifier because its containing class does not extend another class.\",\n
PatternIsOptional: \"A binding pattern parameter cannot be optional in an implementation signature.\",\n
PrivateElementHasAbstract: \"Private elements cannot have the 'abstract' modifier.\",\n
PrivateElementHasAccessibility: \"Private elements cannot have an accessibility modifier (%0).\",\n
ReadOnlyForMethodSignature: \"'readonly' modifier can only appear on a property declaration or index signature.\",\n
SetAccesorCannotHaveOptionalParameter: \"A 'set' accessor cannot have an optional parameter.\",\n
SetAccesorCannotHaveRestParameter: \"A 'set' accessor cannot have rest parameter.\",\n
SetAccesorCannotHaveReturnType: \"A 'set' accessor cannot have a return type annotation.\",\n
StaticBlockCannotHaveModifier: \"Static class blocks cannot have any modifier.\",\n
TypeAnnotationAfterAssign: \"Type annotations must come before default assignments, e.g. instead of `age = 25: number` use `age: number = 25`.\",\n
TypeImportCannotSpecifyDefaultAndNamed: \"A type-only import can specify a default import or named bindings, but not both.\",\n
UnexpectedParameterModifier: \"A parameter property is only allowed in a constructor implementation.\",\n
UnexpectedReadOnly: \"'readonly' type modifier is only permitted on array and tuple literal types.\",\n
UnexpectedTypeAnnotation: \"Did not expect a type annotation here.\",\n
UnexpectedTypeCastInParameter: \"Unexpected type cast in parameter position.\",\n
UnsupportedImportTypeArgument: \"Argument in a type import must be a string literal.\",\n
UnsupportedParameterPropertyKind: \"A parameter property may not be declared using a binding pattern.\",\n
UnsupportedSignatureParameterKind: \"Name in a signature must be an Identifier, ObjectPattern or ArrayPattern, instead got %0.\",\n\n}, ErrorCodes.SyntaxError);\n\nfunction keywordTypeFromName(value) {\n switch (value) {\n case \"any\":\n return \"TSAnyKeyword\";\n\n case \"boolean\":\n return \"TSBooleanKeyword\";\n\n case \"bigint\":\n return \"TSBigIntKeyword\";\n\n case \"never\":\n return \"TSNeverKeyword\";\n\n case \"number\":\n return \"TSNumberKeyword\";\n\n case \"object\":\n return \"TSObjectKeyword\";\n\n case \"string\":\n return \"TSStringKeyword\";\n\n case \"symbol\":\n return \"TSSymbolKeyword\";\n\n case \"undefined\":\n return \"TSUndefinedKeyword\";\n\n case \"unknown\":\n return \"TSUnknownKeyword\";\n\n default:\n return undefined;\n }\n}\n\nfunction tsIsAccessModifier(modifier) {\n return modifier === \"private\" || modifier === \"public\" || modifier === \"protected\";\n}\n\nvar typescript = (superClass => class extends superClass {\n getScopeHandler() {\n return TypeScriptScopeHandler;\n }\n\n tsIsIdentifier() {\n return this.match(types\$1.name);\n }\n\n tsTokenCanFollowModifier() {\n return (this.match(types\$1.bracketL) || this.match(types\$1.braceL) || this.match(types\$1.star) || this.match(types\$1.ellipsis) || this.match(types\$1.privateName) || this.isLiteralPropertyName()) && !this.hasPrecedingLineBreak();\n }\n\n tsNextTokenCanFollowModifier() {\n this.next();\n return this.tsTokenCanFollowModifier();\n }\n\n tsParseModifier(allowedModifiers) {\n if (!this.match(types\$1.name)) {\n return undefined;\n }\n\n const modifier = this.state.value;\n\n if (allowedModifiers.indexOf(modifier) !== -1 && this.tsTryParse(this.tsNextTokenCanFollowModifier.bind(this))) {\n return modifier;\n }\n\n return undefined;\n }\n\n tsParseModifiers(modified, allowedModifiers, disallowedModifiers, errorTemplate) {\n const enforceOrder = (pos, modifier, before, after) => {\n if (modifier === before && modified[after]) {\n this.raise(pos, TSErrors.InvalidModifiersOrder, before, after);\n }\n\n const incompatible = (pos, modifier, mod1, mod2) => {\n if (modified[mod1] && modifier === mod2 || modified[mod2] && modifier === mod1) {\n this.raise(pos, TSErrors.IncompatibleModifiers, mod1, mod2);\n }\n\n };\n\n for (;) {\n const startPos = this.state.start;\n const modifier = this.tsParseModifier(allowedModifiers.concat(disallowedModifiers !== null ? disallowedModifiers : []));\n if (!modifier) break;\n\n if (tsIsAccessModifier(modifier)) {\n if (modified.accessibility) {\n this.raise(startPos, TSErrors.DuplicateAccessibilityModifier);\n } else {\n enforceOrder(startPos, modifier, modifier, \"static\");\n modified.accessibility = modifier;\n }\n } else {\n if (Object.hasOwnProperty.call(modified, modifier)) {\n this.raise(startPos, TSErrors.DuplicateModifier, modifier);\n } else {\n enforceOrder(startPos, modifier, \"static\", \"readonly\");\n enforceOrder(startPos, modifier, \"static\", \"override\");\n enforceOrder(startPos, modifier, \"override\", \"readonly\");\n enforceOrder(startPos, modifier, \"override\", \"abstract\",

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\override\);n      incompatible(startPos, modifier, \declare\, \override\);n      incompatible(startPos,
modifier, \static\, \abstract\);n    }\n\n    modified[modifier] = true;n    }\n\n    if (disallowedModifiers
!= null && disallowedModifiers.includes(modifier)) {\n      this.raise(startPos, errorTemplate, modifier);n    }\n
}\n}\n\n tsIsListTerminator(kind) {\n  switch (kind) {\n    case \EnumMembers\:\n      case
\TypeMembers\:\n        return this.match(types$1.braceR);n\n      case \HeritageClauseElement\:\n        return
this.match(types$1.braceL);n\n      case \TupleElementTypes\:\n        return this.match(types$1.bracketR);n\n
      case \TypeParametersOrArguments\:\n        return this.isRelational(\>\);n    }\n\n    throw new
Error(\Unreachable\);n  }\n\n  tsParseList(kind, parseElement) {\n    const result = [];\n\n    while
(!this.tsIsListTerminator(kind)) {\n      result.push(parseElement());n    }\n\n    return result;n  }\n\n
tsParseDelimitedList(kind, parseElement) {\n    return nonNull(this.tsParseDelimitedListWorker(kind,
parseElement, true));n  }\n\n  tsParseDelimitedListWorker(kind, parseElement, expectSuccess) {\n    const result =
[];\n\n    for (;;) {\n      if (this.tsIsListTerminator(kind)) {\n        break;n      }\n\n      const element =
parseElement();n      if (element == null) {\n        return undefined;n      }\n\n      result.push(element);n      if
(this.eat(types$1.comma)) {\n        continue;n      }\n      if (this.tsIsListTerminator(kind)) {\n        break;n
      }\n\n      if (expectSuccess) {\n        this.expect(types$1.comma);n      }\n\n      return undefined;n    }\n\n
return result;n  }\n\n  tsParseBracketedList(kind, parseElement, bracket, skipFirstToken) {\n    if (!skipFirstToken) {\n
if (bracket) {\n      this.expect(types$1.bracketL);n    } else {\n      this.expectRelational(\<\);n    }\n    }\n\n
const result = this.tsParseDelimitedList(kind, parseElement);n\n    if (bracket) {\n
this.expect(types$1.bracketR);n    } else {\n      this.expectRelational(\>\);n    }\n\n    return result;n  }\n\n
tsParseImportType() {\n    const node = this.startNode();n    this.expect(types$1._import);n
this.expect(types$1.parenL);n\n    if (!this.match(types$1.string)) {\n      this.raise(this.state.start,
TSErrors.UnsupportedImportTypeArgument);n    }\n\n    node.argument = this.parseExprAtom();n
this.expect(types$1.parenR);n\n    if (this.eat(types$1.dot)) {\n      node.qualifier = this.tsParseEntityName(true);n
}\n\n    if (this.isRelational(\<\)) {\n      node.typeParameters = this.tsParseTypeArguments();n    }\n\n    return
this.finishNode(node, \TImportType\);n  }\n\n  tsParseEntityName(allowReservedWords) {\n    let entity =
this.parseIdentifier();n\n    while (this.eat(types$1.dot)) {\n      const node = this.startNodeAtNode(entity);n
node.left = entity;n      node.right = this.parseIdentifier(allowReservedWords);n      entity = this.finishNode(node,
\TSQualifiedName\);n    }\n\n    return entity;n  }\n\n  tsParseTypeReference() {\n    const node =
this.startNode();n    node.typeName = this.tsParseEntityName(false);n\n    if (!this.hasPrecedingLineBreak() &&
this.isRelational(\<\)) {\n      node.typeParameters = this.tsParseTypeArguments();n    }\n\n    return
this.finishNode(node, \TTypeReference\);n  }\n\n  tsParseThisTypePredicate(lhs) {\n    this.next();n    const
node = this.startNodeAtNode(lhs);n    node.parameterName = lhs;n    node.typeAnnotation =
this.tsParseTypeAnnotation(false);n    node.asserts = false;n    return this.finishNode(node,
\TSTypePredicate\);n  }\n\n  tsParseThisTypeNode() {\n    const node = this.startNode();n    this.next();n
return this.finishNode(node, \TSThisType\);n  }\n\n  tsParseTypeQuery() {\n    const node = this.startNode();n
this.expect(types$1._typeof);n\n    if (this.match(types$1._import)) {\n      node.exprName =
this.tsParseImportType();n    } else {\n      node.exprName = this.tsParseEntityName(true);n    }\n\n    return
this.finishNode(node, \TSTypeQuery\);n  }\n\n  tsParseTypeParameter() {\n    const node = this.startNode();n
node.name = this.parseIdentifierName(node.start);n    node.constraint =
this.tsEatThenParseType(types$1._extends);n    node.default = this.tsEatThenParseType(types$1.eq);n    return
this.finishNode(node, \TSTypeParameter\);n  }\n\n  tsTryParseTypeParameters() {\n    if (this.isRelational(\<\))
{\n      return this.tsParseTypeParameters();n    }\n    }\n\n  tsParseTypeParameters() {\n    const node =
this.startNode();n\n    if (this.isRelational(\<\) || this.match(types$1.jsxTagStart)) {\n      this.next();n    } else {\n
this.unexpected();n    }\n\n    node.params = this.tsParseBracketedList(\TypeParametersOrArguments\,
this.tsParseTypeParameter.bind(this), false, true);n\n    if (node.params.length === 0) {\n      this.raise(node.start,
TSErrors.EmptyTypeParameters);n    }\n\n    return this.finishNode(node, \TSTypeParameterDeclaration\);n  }\n\n
tsTryNextParseConstantContext() {\n    if (this.lookahead().type === types$1._const) {\n      this.next();n    }\n
return this.tsParseTypeReference();n  }\n\n  return null;n  }\n\n  tsFillSignature(returnToken, signature) {\n

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const returnTokenRequired = returnToken === types$1.arrow;\n  signature.typeParameters =
this.tsTryParseTypeParameters();\n  this.expect(types$1.parenL);\n  signature.parameters =
this.tsParseBindingListForSignature();\n\n  if (returnTokenRequired) {\n    signature.typeAnnotation =
this.tsParseTypeOrTypePredicateAnnotation(returnToken);\n  } else if (this.match(returnToken)) {\n
signature.typeAnnotation = this.tsParseTypeOrTypePredicateAnnotation(returnToken);\n  }\n\n  tsParseBindingListForSignature() {\n    return this.parseBindingList(types$1.parenR, 41).map(pattern => {\n    if
(pattern.type !== \"Identifier\" && pattern.type !== \"RestElement\" && pattern.type !== \"ObjectPattern\" &&
pattern.type !== \"ArrayPattern\") {\n      this.raise(pattern.start, TSErrors.UnsupportedSignatureParameterKind,
pattern.type);\n    }\n    return pattern;\n  });\n}\n\n  tsParseTypeMemberSemicolon() {\n    if
(!this.eat(types$1.comma) && !this.isLineTerminator()) {\n      this.expect(types$1.semi);\n    }\n  }\n\n  tsParseSignatureMember(kind, node) {\n    this.tsFillSignature(types$1.colon, node);\n
this.tsParseTypeMemberSemicolon();\n    return this.finishNode(node, kind);\n  }\n\n  tsIsUnambiguouslyIndexSignature() {\n    this.next();\n    return this.eat(types$1.name) &&
this.match(types$1.colon);\n  }\n\n  tsTryParseIndexSignature(node) {\n    if (!(this.match(types$1.bracketL) &&
this.tsLookAhead(this.tsIsUnambiguouslyIndexSignature.bind(this)))) {\n      return undefined;\n    }\n\n    this.expect(types$1.bracketL);\n    const id = this.parseIdentifier();\n    id.typeAnnotation =
this.tsParseTypeAnnotation();\n    this.resetEndLocation(id);\n    this.expect(types$1.bracketR);\n    node.parameters
= [id];\n    const type = this.tsTryParseTypeAnnotation();\n    if (type) node.typeAnnotation = type;\n
this.tsParseTypeMemberSemicolon();\n    return this.finishNode(node, \"TSIndexSignature\");\n  }\n\n  tsParsePropertyOrMethodSignature(node, readonly) {\n    if (this.eat(types$1.question)) node.optional = true;\n
const nodeAny = node;\n\n    if (this.match(types$1.parenL) || this.isRelational("<")) {\n      if (readonly) {\n
this.raise(node.start, TSErrors.ReadonlyForMethodSignature);\n      }\n\n      const method = nodeAny;\n\n      if
(method.kind && this.isRelational("<")) {\n        this.raise(this.state.pos,
TSErrors.AccessorCannotHaveTypeParameters);\n      }\n\n      this.tsFillSignature(types$1.colon, method);\n
this.tsParseTypeMemberSemicolon();\n\n      if (method.kind === \"get\") {\n        if (method.parameters.length > 0)
{\n          this.raise(this.state.pos, ErrorMessages.BadGetterArity);\n        }\n        if
(this.isThisParam(method.parameters[0])) {\n          this.raise(this.state.pos,
TSErrors.AccessorCannotDeclareThisParameter);\n        }\n      } else if (method.kind === \"set\") {\n
if (method.parameters.length !== 1) {\n          this.raise(this.state.pos, ErrorMessages.BadSetterArity);\n        }\n        else
{\n          const firstParameter = method.parameters[0];\n          if (this.isThisParam(firstParameter)) {\n
this.raise(this.state.pos, TSErrors.AccessorCannotDeclareThisParameter);\n          }\n          if (firstParameter.type
=== \"Identifier\" && firstParameter.optional) {\n            this.raise(this.state.pos,
TSErrors.SetAccessorCannotHaveOptionalParameter);\n          }\n          if (firstParameter.type ===
\"RestElement\") {\n            this.raise(this.state.pos, TSErrors.SetAccessorCannotHaveRestParameter);\n          }\n
        }\n\n        if (method.typeAnnotation) {\n          this.raise(method.typeAnnotation.start,
TSErrors.SetAccessorCannotHaveReturnType);\n        }\n      } else {\n        method.kind = \"method\";\n      }\n\n      return this.finishNode(method, \"TSMethodSignature\");\n    } else {\n      const property = nodeAny;\n      if
(readonly) property.readonly = true;\n      const type = this.tsTryParseTypeAnnotation();\n      if (type)
property.typeAnnotation = type;\n      this.tsParseTypeMemberSemicolon();\n      return this.finishNode(property,
\"TSPropertySignature\");\n    }\n  }\n\n  tsParseTypeMember() {\n    const node = this.startNode();\n\n    if
(this.match(types$1.parenL) || this.isRelational("<")) {\n      return
this.tsParseSignatureMember(\"TSCallSignatureDeclaration\", node);\n    }\n\n    if (this.match(types$1._new)) {\n
const id = this.startNode();\n    this.next();\n\n    if (this.match(types$1.parenL) || this.isRelational("<")) {\n
return this.tsParseSignatureMember(\"TSConstructSignatureDeclaration\", node);\n    } else {\n      node.key =
this.createIdentifier(id, \"new\");\n      return this.tsParsePropertyOrMethodSignature(node, false);\n    }\n  }\n\n  tsParseModifiers(node, [\"readonly\"], [\"declare\", \"abstract\", \"private\", \"protected\", \"public\", \"static\",
\"override\"], TSErrors.InvalidModifierOnTypeMember);\n  const idx = this.tsTryParseIndexSignature(node);\n  if (idx) {\n    return idx;\n  }\n\n  this.parsePropertyName(node, false);\n  if (!node.computed &&

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node.key.type === \"Identifier\" && (node.key.name === \"get\" || node.key.name === \"set\") &&
this.tsTokenCanFollowModifier() {\n  node.kind = node.key.name;\n  this.parsePropertyName(node, false);\n}\n\n return this.tsParsePropertyOrMethodSignature(node, !!node.readonly);\n }\n\n tsParseTypeLiteral() {\n
const node = this.startNode();\n  node.members = this.tsParseObjectTypeMembers();\n  return
this.finishNode(node, \"TSTypeLiteral\");\n }\n\n tsParseObjectTypeMembers() {\n
this.expect(types$1.braceL);\n  const members = this.tsParseList(\"TypeMembers\",
this.tsParseTypeMember.bind(this));\n  this.expect(types$1.braceR);\n  return members;\n }\n\n
tsIsStartOfMappedType() {\n  this.next();\n\n  if (this.eat(types$1.plusMin)) {\n  return
this.isContextual(\"readonly\");\n  }\n\n  if (this.isContextual(\"readonly\")) {\n  this.next();\n  }\n\n  if
(!this.match(types$1.bracketL)) {\n  return false;\n  }\n\n  this.next();\n\n  if (!this.tsIsIdentifier()) {\n
return false;\n  }\n\n  this.next();\n  return this.match(types$1._in);\n }\n\n tsParseMappedTypeParameter() {\n
const node = this.startNode();\n  node.name = this.parseIdentifierName(node.start);\n  node.constraint =
this.tsExpectThenParseType(types$1._in);\n  return this.finishNode(node, \"TSTypeParameter\");\n }\n\n
tsParseMappedType() {\n  const node = this.startNode();\n  this.expect(types$1.braceL);\n\n  if
(this.match(types$1.plusMin)) {\n  node.readonly = this.state.value;\n  this.next();\n
this.expectContextual(\"readonly\");\n  } else if (this.eatContextual(\"readonly\")) {\n  node.readonly = true;\n
}\n\n  this.expect(types$1.bracketL);\n  node.typeParameter = this.tsParseMappedTypeParameter();\n
node.nameType = this.eatContextual(\"as\") ? this.tsParseType() : null;\n  this.expect(types$1.bracketR);\n\n  if
(this.match(types$1.plusMin)) {\n  node.optional = this.state.value;\n  this.next();\n
this.expect(types$1.question);\n  } else if (this.eat(types$1.question)) {\n  node.optional = true;\n  }\n\n
node.typeAnnotation = this.tsTryParseType();\n  this.semicolon();\n  this.expect(types$1.braceR);\n  return
this.finishNode(node, \"TSMappedType\");\n }\n\n tsParseTupleType() {\n  const node = this.startNode();\n
node.elementTypes = this.tsParseBracketedList(\"TupleElementTypes\", this.tsParseTupleElementType.bind(this),
true, false);\n  let seenOptionalElement = false;\n  let labeledElements = null;\n
node.elementTypes.forEach(elementNode => {\n  var _labeledElements;\n\n  let {\n  type\n  } =
elementNode;\n\n  if (seenOptionalElement && type !== \"TSRestType\" && type !== \"TSOptionalType\" &&
!(type === \"TSNamedTupleMember\" && elementNode.optional)) {\n  this.raise(elementNode.start,
TSErrors.OptionalTypeBeforeRequired);\n  }\n\n  seenOptionalElement = seenOptionalElement || type ===
\"TSNamedTupleMember\" && elementNode.optional || type === \"TSOptionalType\";\n\n  if (type ===
\"TSRestType\") {\n  elementNode = elementNode.typeAnnotation;\n  type = elementNode.type;\n  }\n\n
const isLabeled = type === \"TSNamedTupleMember\";\n  labeledElements = (_labeledElements =
labeledElements) != null ? _labeledElements : isLabeled;\n\n  if (labeledElements !== isLabeled) {\n
this.raise(elementNode.start, TSErrors.MixedLabeledAndUnlabeledElements);\n  }\n  });\n  return
this.finishNode(node, \"TSTupleType\");\n }\n\n tsParseTupleElementType() {\n  const {\n  start: startPos,\n
startLoc\n  } = this.state;\n  const rest = this.eat(types$1.ellipsis);\n  let type = this.tsParseType();\n  const
optional = this.eat(types$1.question);\n  const labeled = this.eat(types$1.colon);\n\n  if (labeled) {\n  const
labeledNode = this.startNodeAtNode(type);\n  labeledNode.optional = optional;\n\n  if (type.type ===
\"TSTypeReference\" && !type.typeParameters && type.typeName.type === \"Identifier\") {\n
labeledNode.label = type.typeName;\n  } else {\n  this.raise(type.start,
TSErrors.InvalidTupleMemberLabel);\n  labeledNode.label = type;\n  }\n\n  labeledNode.elementType =
this.tsParseType();\n  type = this.finishNode(labeledNode, \"TSNamedTupleMember\");\n  } else if (optional)
{\n  const optionalTypeNode = this.startNodeAtNode(type);\n  optionalTypeNode.typeAnnotation = type;\n
type = this.finishNode(optionalTypeNode, \"TSOptionalType\");\n  }\n\n  if (rest) {\n  const restNode =
this.startNodeAt(startPos, startLoc);\n  restNode.typeAnnotation = type;\n  type = this.finishNode(restNode,
\"TSRestType\");\n  }\n\n  return type;\n }\n\n tsParseParenthesizedType() {\n  const node = this.startNode();\n
this.expect(types$1.parenL);\n  node.typeAnnotation = this.tsParseType();\n  this.expect(types$1.parenR);\n
return this.finishNode(node, \"TSParenthesizedType\");\n }\n\n tsParseFunctionOrConstructorType(type, abstract)
{\n  const node = this.startNode();\n\n  if (type === \"TSConstructorType\") {\n  node.abstract = !!abstract;\n

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if (abstract) this.next();\n    this.next();\n    }\n\n    this.tsFillSignature(types$1.arrow, node);\n    return\n    this.finishNode(node, type);\n    }\n\n    tsParseLiteralTypeNode() {\n    const node = this.startNode();\n\n    node.literal = (() => {\n    switch (this.state.type) {\n    case types$1.num:\n    case types$1.bigint:\n    case\n    types$1.string:\n    case types$1._true:\n    case types$1._false:\n    return this.parseExprAtom();\n\n    default:\n    throw this.unexpected();\n    }\n    })();\n\n    return this.finishNode(node, \"TSLiteralType\");\n    }\n\n    tsParseTemplateLiteralType() {\n    const node = this.startNode();\n    node.literal =\n    this.parseTemplate(false);\n    return this.finishNode(node, \"TSLiteralType\");\n    }\n\n    parseTemplateSubstitution() {\n    if (this.state.inType) return this.tsParseType();\n    return\n    super.parseTemplateSubstitution();\n    }\n\n    tsParseThisTypeOrThisTypePredicate() {\n    const thisKeyword =\n    this.tsParseThisTypeNode();\n\n    if (this.isContextual(\"is\") && !this.hasPrecedingLineBreak()) {\n    return\n    this.tsParseThisTypePredicate(thisKeyword);\n    } else {\n    return thisKeyword;\n    }\n    }\n\n    tsParseNonArrayType() {\n    switch (this.state.type) {\n    case types$1.name:\n    case types$1._void:\n    case\n    types$1._null:\n    {\n    const type = this.match(types$1._void) ? \"TSVoidKeyword\" :\n    this.match(types$1._null) ? \"TSNullKeyword\" : keywordTypeFromName(this.state.value);\n\n    if (type !==\n    undefined && this.lookaheadCharCode() !== 46) {\n    const node = this.startNode();\n\n    this.next();\n\n    return this.finishNode(node, type);\n    }\n\n    return this.tsParseTypeReference();\n    }\n\n    case\n    types$1.string:\n    case types$1.num:\n    case types$1.bigint:\n    case types$1._true:\n    case\n    types$1._false:\n    return this.tsParseLiteralTypeNode();\n\n    case types$1.plusMin:\n    if (this.state.value\n    === \"-\") {\n    const node = this.startNode();\n\n    const nextToken = this.lookahead();\n\n    if\n    (nextToken.type !== types$1.num && nextToken.type !== types$1.bigint) {\n    throw this.unexpected();\n    }\n\n    node.literal = this.parseMaybeUnary();\n    return this.finishNode(node, \"TSLiteralType\");\n    }\n\n    break;\n\n    case types$1._this:\n    return this.tsParseThisTypeOrThisTypePredicate();\n\n    case\n    types$1._typeof:\n    return this.tsParseTypeQuery();\n\n    case types$1._import:\n    return\n    this.tsParseImportType();\n\n    case types$1.braceL:\n    return\n    this.tsLookAhead(this.tsIsStartOfMappedType.bind(this)) ? this.tsParseMappedType() :\n    this.tsParseTypeLiteral();\n\n    case types$1.bracketL:\n    return this.tsParseTupleType();\n\n    case\n    types$1.parenL:\n    return this.tsParseParenthesizedType();\n\n    case types$1.backQuote:\n    return\n    this.tsParseTemplateLiteralType();\n    }\n\n    throw this.unexpected();\n    }\n\n    tsParseArrayTypeOrHigher() {\n    let type = this.tsParseNonArrayType();\n\n    while (!this.hasPrecedingLineBreak() && this.eat(types$1.bracketL))\n    {\n    if (this.match(types$1.bracketR)) {\n    const node = this.startNodeAtNode(type);\n\n    node.elementType\n    = type;\n\n    this.expect(types$1.bracketR);\n\n    type = this.finishNode(node, \"TSArrayType\");\n    } else {\n    const node = this.startNodeAtNode(type);\n\n    node.objectType = type;\n\n    node.indexType =\n    this.tsParseType();\n\n    this.expect(types$1.bracketR);\n\n    type = this.finishNode(node,\n    \"TSIndexedAccessType\");\n    }\n    }\n\n    return type;\n    }\n\n    tsParseTypeOperator(operator) {\n    const node\n    = this.startNode();\n\n    this.expectContextual(operator);\n\n    node.operator = operator;\n\n    node.typeAnnotation =\n    this.tsParseTypeOperatorOrHigher();\n\n    if (operator === \"readonly\") {\n    this.tsCheckTypeAnnotationForReadOnly(node);\n    }\n\n    return this.finishNode(node, \"TSTypeOperator\");\n    }\n\n    tsCheckTypeAnnotationForReadOnly(node) {\n    switch (node.typeAnnotation.type) {\n    case\n    \"TSTupleType\":\n    case \"TSArrayType\":\n    return;\n\n    default:\n    this.raise(node.start,\n    TSErrors.UnexpectedReadOnly);\n    }\n    }\n\n    tsParseInferType() {\n    const node = this.startNode();\n\n    this.expectContextual(\"infer\");\n\n    const typeParameter = this.startNode();\n\n    typeParameter.name =\n    this.parseIdentifierName(typeParameter.start);\n\n    node.typeParameter = this.finishNode(typeParameter,\n    \"TSTypeParameter\");\n\n    return this.finishNode(node, \"TSInferType\");\n    }\n\n    tsParseTypeOperatorOrHigher()\n    {\n    const operator = [\"keyof\", \"unique\", \"readonly\"].find(kw => this.isContextual(kw));\n\n    return operator ?\n    this.tsParseTypeOperator(operator) : this.isContextual(\"infer\") ? this.tsParseInferType() :\n    this.tsParseArrayTypeOrHigher();\n    }\n\n    tsParseUnionOrIntersectionType(kind, parseConstituentType, operator)\n    {\n    const node = this.startNode();\n\n    const hasLeadingOperator = this.eat(operator);\n\n    const types = [];\n\n    do\n    {\n    types.push(parseConstituentType());\n    } while (this.eat(operator));\n\n    if (types.length === 1 &&

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!hasLeadingOperator) {\n  return types[0];\n }\n\n node.types = types;\n return this.finishNode(node,
kind);\n }\n\n tsParseIntersectionTypeOrHigher() {\n  return
this.tsParseUnionOrIntersectionType("\nTSIntersectionType\n", this.tsParseTypeOperatorOrHigher.bind(this),
types$1.bitwiseAND);\n }\n\n tsParseUnionTypeOrHigher() {\n  return
this.tsParseUnionOrIntersectionType("\nTSUnionType\n", this.tsParseIntersectionTypeOrHigher.bind(this),
types$1.bitwiseOR);\n }\n\n tsIsStartOfFunctionType() {\n  if (this.isRelational("<")) {\n  return true;\n
}\n\n return this.match(types$1.parenL) &&
this.tsLookAhead(this.tsIsUnambiguouslyStartOfFunctionType.bind(this));\n }\n\n tsSkipParameterStart() {\n  if
(this.match(types$1.name) || this.match(types$1._this)) {\n  this.next();\n  return true;\n }\n\n if
(this.match(types$1.braceL)) {\n  let braceStackCounter = 1;\n  this.next();\n\n  while (braceStackCounter >
0) {\n  if (this.match(types$1.braceL)) {\n  ++braceStackCounter;\n  } else if
(this.match(types$1.braceR)) {\n  --braceStackCounter;\n  }\n\n  this.next();\n }\n\n return true;\n
}\n\n if (this.match(types$1.bracketL)) {\n  let braceStackCounter = 1;\n  this.next();\n\n  while
(braceStackCounter > 0) {\n  if (this.match(types$1.bracketL)) {\n  ++braceStackCounter;\n  } else if
(this.match(types$1.bracketR)) {\n  --braceStackCounter;\n  }\n\n  this.next();\n }\n\n return
true;\n }\n\n return false;\n }\n\n tsIsUnambiguouslyStartOfFunctionType() {\n  this.next();\n\n if
(this.match(types$1.parenR) || this.match(types$1.ellipsis)) {\n  return true;\n }\n\n if
(this.tsSkipParameterStart()) {\n  if (this.match(types$1.colon) || this.match(types$1.comma) ||
this.match(types$1.question) || this.match(types$1.eq)) {\n  return true;\n }\n\n if
(this.match(types$1.parenR)) {\n  this.next();\n\n  if (this.match(types$1.arrow)) {\n  return true;\n
}\n  }\n }\n\n return false;\n }\n\n tsParseTypeOrTypePredicateAnnotation(returnToken) {\n  return
this.tsInType() => {\n  const t = this.startNode();\n  this.expect(returnToken);\n  const node =
this.startNode();\n  const asserts = !!this.tsTryParse(this.tsParseTypePredicateAsserts.bind(this));\n\n  if (asserts
&& this.match(types$1._this)) {\n  let thisTypePredicate = this.tsParseThisTypeOrThisTypePredicate();\n\n
if (thisTypePredicate.type === "\nTSThisType\n") {\n  node.parameterName = thisTypePredicate;\n
node.asserts = true;\n  thisTypePredicate = this.finishNode(node, "\nTSTypePredicate\n");\n  } else {\n
this.resetStartLocationFromNode(thisTypePredicate, node);\n  thisTypePredicate.asserts = true;\n  }\n\n
t.typeAnnotation = thisTypePredicate;\n  return this.finishNode(t, "\nTSTypeAnnotation\n");\n }\n\n const
typePredicateVariable = this.tsIsIdentifier() && this.tsTryParse(this.tsParseTypePredicatePrefix.bind(this));\n\n
if (!typePredicateVariable) {\n  if (!asserts) {\n  return this.tsParseTypeAnnotation(false, t);\n  }\n\n
node.parameterName = this.parseIdentifier();\n  node.asserts = asserts;\n  t.typeAnnotation =
this.finishNode(node, "\nTSTypePredicate\n");\n  return this.finishNode(t, "\nTSTypeAnnotation\n");\n }\n\n
const type = this.tsParseTypeAnnotation(false);\n  node.parameterName = typePredicateVariable;\n
node.typeAnnotation = type;\n  node.asserts = asserts;\n  t.typeAnnotation = this.finishNode(node,
\nTSTypePredicate\n");\n  return this.finishNode(t, "\nTSTypeAnnotation\n");\n  });\n }\n\n
tsTryParseTypeOrTypePredicateAnnotation() {\n  return this.match(types$1.colon) ?
this.tsParseTypeOrTypePredicateAnnotation(types$1.colon) : undefined;\n }\n\n tsTryParseTypeAnnotation() {\n
return this.match(types$1.colon) ? this.tsParseTypeAnnotation() : undefined;\n }\n\n tsTryParseType() {\n  return
this.tsEatThenParseType(types$1.colon);\n }\n\n tsParseTypePredicatePrefix() {\n  const id =
this.parseIdentifier();\n  if (this.isContextual("is") && !this.hasPrecedingLineBreak()) {\n  this.next();\n
return id;\n }\n }\n\n tsParseTypePredicateAsserts() {\n  if (!this.match(types$1.name) || this.state.value !==
\nasserts\n || this.hasPrecedingLineBreak()) {\n  return false;\n }\n\n const containsEsc =
this.state.containsEsc;\n  this.next();\n\n if (!this.match(types$1.name) && !this.match(types$1._this)) {\n
return false;\n }\n\n if (containsEsc) {\n  this.raise(this.state.lastTokStart,
ErrorMessages.InvalidEscapedReservedWord, \nasserts\n);\n }\n\n return true;\n }\n\n
tsParseTypeAnnotation(eatColon = true, t = this.startNode()) {\n  this.tsInType() => {\n  if (eatColon)
this.expect(types$1.colon);\n  t.typeAnnotation = this.tsParseType();\n  });\n  return this.finishNode(t,
\nTSTypeAnnotation\n");\n }\n\n tsParseType() {\n  assert(this.state.inType);\n  const type =

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this.tsParseNonConditionalType();\n\n  if (this.hasPrecedingLineBreak() || !this.eat(types$1._extends)) {\n
return type;\n  }\n\n  const node = this.startNodeAtNode(type);\n  node.checkType = type;\n  node.extendsType
= this.tsParseNonConditionalType();\n  this.expect(types$1.question);\n  node.trueType = this.tsParseType();\n
this.expect(types$1.colon);\n  node.falseType = this.tsParseType();\n  return this.finishNode(node,
\'"TSConditionalType"\');\n }\n\n isAbstractConstructorSignature() {\n  return this.isContextual(\'"abstract"\') &&
this.lookahead().type === types$1._new;\n }\n\n tsParseNonConditionalType() {\n  if
(this.tsIsStartOfFunctionType()) {\n    return this.tsParseFunctionOrConstructorType(\'"TSFunctionType"\');\n
  }\n\n  if (this.match(types$1._new)) {\n    return
this.tsParseFunctionOrConstructorType(\'"TSConstructorType"\');\n  } else if
(this.isAbstractConstructorSignature()) {\n    return
this.tsParseFunctionOrConstructorType(\'"TSConstructorType"', true);\n  }\n\n  return
this.tsParseUnionTypeOrHigher();\n }\n\n tsParseTypeAssertion() {\n  const node = this.startNode();\n\n  const
_const = this.tsTryNextParseConstantContext();\n\n  node.typeAnnotation = _const ||
this.tsNextThenParseType();\n  this.expectRelational(\'">"\');\n  node.expression = this.parseMaybeUnary();\n
return this.finishNode(node, \'"TSTypeAssertion"\');\n }\n\n tsParseHeritageClause(descriptor) {\n  const
originalStart = this.state.start;\n  const delimitedList = this.tsParseDelimitedList(\'"HeritageClauseElement"',
this.tsParseExpressionWithTypeArguments.bind(this));\n\n  if (!delimitedList.length) {\n
this.raise(originalStart, TSErrors.EmptyHeritageClauseType, descriptor);\n  }\n\n  return delimitedList;\n }\n\n
tsParseExpressionWithTypeArguments() {\n  const node = this.startNode();\n  node.expression =
this.tsParseEntityName(false);\n\n  if (this.isRelational(\'"<"\')) {\n    node.typeParameters =
this.tsParseTypeArguments();\n  }\n\n  return this.finishNode(node, \'"TSExpressionWithTypeArguments"\');\n
}\n\n tsParseInterfaceDeclaration(node) {\n  node.id = this.parseIdentifier();\n  this.checkLVal(node.id,
\'"typescript interface declaration"', BIND_TS_INTERFACE);\n  node.typeParameters =
this.tsTryParseTypeParameters();\n\n  if (this.eat(types$1._extends)) {\n    node.extends =
this.tsParseHeritageClause(\'"extends"\');\n  }\n\n  const body = this.startNode();\n  body.body =
this.tsInType(this.tsParseObjectTypeMembers.bind(this));\n  node.body = this.finishNode(body,
\'"TSInterfaceBody"\');\n  return this.finishNode(node, \'"TSInterfaceDeclaration"\');\n }\n\n
tsParseTypeAliasDeclaration(node) {\n  node.id = this.parseIdentifier();\n  this.checkLVal(node.id, \'"typescript
type alias"', BIND_TS_TYPE);\n  node.typeParameters = this.tsTryParseTypeParameters();\n
node.typeAnnotation = this.tsInType(() => {\n    this.expect(types$1.eq);\n\n    if (this.isContextual(\'"intrinsic"\')
&& this.lookahead().type !== types$1.dot) {\n      const node = this.startNode();\n      this.next();\n      return
this.finishNode(node, \'"TSIntrinsicKeyword"\');\n    }\n\n    return this.tsParseType();\n  });\n
this.semicolon();\n  return this.finishNode(node, \'"TSTypeAliasDeclaration"\');\n }\n\n tsInNoContext(cb) {\n
const oldContext = this.state.context;\n  this.state.context = [oldContext[0]];\n\n  try {\n    return cb();\n  }
finally {\n    this.state.context = oldContext;\n  }\n }\n\n tsInType(cb) {\n  const oldInType =
this.state.inType;\n  this.state.inType = true;\n\n  try {\n    return cb();\n  } finally {\n    this.state.inType =
oldInType;\n  }\n }\n\n tsEatThenParseType(token) {\n  return !this.match(token) ? undefined :
this.tsNextThenParseType();\n }\n\n tsExpectThenParseType(token) {\n  return this.tsDoThenParseType(() =>
this.expect(token));\n }\n\n tsNextThenParseType() {\n  return this.tsDoThenParseType(() => this.next());\n
}\n\n tsDoThenParseType(cb) {\n  return this.tsInType(() => {\n    cb();\n    return this.tsParseType();\n  });\n
}\n\n tsParseEnumMember() {\n  const node = this.startNode();\n  node.id = this.match(types$1.string) ?
this.parseExprAtom() : this.parseIdentifier(true);\n\n  if (this.eat(types$1.eq)) {\n    node.initializer =
this.parseMaybeAssignAllowIn();\n  }\n\n  return this.finishNode(node, \'"TSEnumMember"\');\n }\n\n
tsParseEnumDeclaration(node, isConst) {\n  if (isConst) node.const = true;\n  node.id = this.parseIdentifier();\n
this.checkLVal(node.id, \'"typescript enum declaration"', isConst ? BIND_TS_CONST_ENUM :
BIND_TS_ENUM);\n  this.expect(types$1.braceL);\n  node.members =
this.tsParseDelimitedList(\'"EnumMembers"', this.tsParseEnumMember.bind(this));\n
this.expect(types$1.braceR);\n  return this.finishNode(node, \'"TSEnumDeclaration"\');\n }\n\n

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tsParseModuleBlock() {\n  const node = this.startNode();\n  this.scope.enter(SCOPE_OTHER);\n  this.expect(types$1.braceL);\n  this.parseBlockOrModuleBlockBody(node.body = [], undefined, true,\n  types$1.braceR);\n  this.scope.exit();\n  return this.finishNode(node, \"TModuleBlock\");\n }\n\n tsParseModuleOrNamespaceDeclaration(node, nested = false) {\n  node.id = this.parseIdentifier();\n  if\n  (!nested) {\n    this.checkLVal(node.id, \"module or namespace declaration\", BIND_TS_NAMESPACE);\n  }\n  if (this.eat(types$1.dot)) {\n    const inner = this.startNode();\n    this.tsParseModuleOrNamespaceDeclaration(inner, true);\n    node.body = inner;\n  } else {\n    this.scope.enter(SCOPE_TS_MODULE);\n    this.prodParam.enter(PARAM);\n    node.body =\n    this.tsParseModuleBlock();\n    this.prodParam.exit();\n    this.scope.exit();\n  }\n  return\n  this.finishNode(node, \"TModuleDeclaration\");\n }\n\n tsParseAmbientExternalModuleDeclaration(node) {\n  if (this.isContextual(\"global\")) {\n    node.global = true;\n    node.id = this.parseIdentifier();\n  } else if\n  (this.match(types$1.string)) {\n    node.id = this.parseExprAtom();\n  } else {\n    this.unexpected();\n  }\n  if (this.match(types$1.braceL)) {\n    this.scope.enter(SCOPE_TS_MODULE);\n    this.prodParam.enter(PARAM);\n    node.body = this.tsParseModuleBlock();\n    this.prodParam.exit();\n    this.scope.exit();\n  } else {\n    this.semicolon();\n  }\n  return this.finishNode(node,\n  \"TModuleDeclaration\");\n }\n\n tsParseImportEqualsDeclaration(node, isExport) {\n  node.isExport = isExport\n  || false;\n  node.id = this.parseIdentifier();\n  this.checkLVal(node.id, \"import equals declaration\", BIND_LEXICAL);\n  this.expect(types$1.eq);\n  const moduleReference = this.tsParseModuleReference();\n  if (node.importKind === \"type\" && moduleReference.type !== \"TSExternalModuleReference\") {\n    this.raise(moduleReference.start, TErrors.ImportAliasHasImportType);\n  }\n  node.moduleReference =\n  moduleReference;\n  this.semicolon();\n  return this.finishNode(node, \"TImportEqualsDeclaration\");\n }\n\n tsIsExternalModuleReference() {\n  return this.isContextual(\"require\") && this.lookaheadCharCode() === 40;\n }\n\n tsParseModuleReference() {\n  return this.tsIsExternalModuleReference() ?\n  this.tsParseExternalModuleReference() : this.tsParseEntityName(false);\n }\n\n tsParseExternalModuleReference()\n  {\n    const node = this.startNode();\n    this.expectContextual(\"require\");\n    this.expect(types$1.parenL);\n    if\n    (!this.match(types$1.string)) {\n      throw this.unexpected();\n    }\n    node.expression = this.parseExprAtom();\n    this.expect(types$1.parenR);\n    return this.finishNode(node, \"TSExternalModuleReference\");\n  }\n\n tsLookAhead(f) {\n  const state = this.state.clone();\n  const res = f();\n  this.state = state;\n  return res;\n }\n\n tsTryParseAndCatch(f) {\n  const result = this.tryParse(abort => f() || abort());\n  if (result.aborted || !result.node)\n  return undefined;\n  if (result.error) this.state = result.failState;\n  return result.node;\n }\n\n tsTryParse(f) {\n  const state = this.state.clone();\n  const result = f();\n  if (result !== undefined && result !== false) {\n    return\n    result;\n  } else {\n    this.state = state;\n    return undefined;\n  }\n }\n\n tsTryParseDeclare(nany) {\n  if\n  (this.isLineTerminator()) {\n    return;\n  }\n  let starttype = this.state.type;\n  let kind;\n  if\n  (this.isContextual(\"let\")) {\n    starttype = types$1._var;\n    kind = \"let\";\n  }\n  return\n  this.tsInAmbientContext(() => {\n    switch (starttype) {\n      case types$1._function:\n        nany.declare =\n        true;\n        return this.parseFunctionStatement(nany, false, true);\n      case types$1._class:\n        nany.declare\n        = true;\n        return this.parseClass(nany, true, false);\n      case types$1._const:\n        if\n        (this.match(types$1._const) && this.isLookaheadContextual(\"enum\")) {\n          this.expect(types$1._const);\n          this.expectContextual(\"enum\");\n          return this.tsParseEnumDeclaration(nany, true);\n        }\n      case\n        types$1._var:\n        kind = kind || this.state.value;\n        return this.parseVarStatement(nany, kind);\n      case\n        types$1.name:\n        {\n          const value = this.state.value;\n          if (value === \"global\") {\n            return\n            this.tsParseAmbientExternalModuleDeclaration(nany);\n          } else {\n            return\n            this.tsParseDeclaration(nany, value, true);\n          }\n        }\n    }\n  });\n }\n\n tsTryParseExportDeclaration()\n  {\n    return this.tsParseDeclaration(this.startNode(), this.state.value, true);\n  }\n\n tsParseExpressionStatement(node, expr) {\n  switch (expr.name) {\n    case \"declare\":\n      {\n        const\n        declaration = this.tsTryParseDeclare(node);\n        if (declaration) {\n          declaration.declare = true;\n          return\n          declaration;\n        }\n        break;\n      }\n    case \"global\":\n      if (this.match(types$1.braceL))\n      {\n        this.scope.enter(SCOPE_TS_MODULE);\n        this.prodParam.enter(PARAM);\n        const mod =

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node;\n      mod.global = true;\n      mod.id = expr;\n      mod.body = this.tsParseModuleBlock();\nthis.scope.exit();\n      this.prodParam.exit();\n      return this.finishNode(mod, \"TSMODULEDECLARATION\");\n}\n\nbreak;\n\n default:\n      return this.tsParseDeclaration(node, expr.name, false);\n  }\n}\n\n tsParseDeclaration(node, value, next) {\n  switch (value) {\n    case \"abstract\":\n      if\n      (this.tsCheckLineTerminator(next) && (this.match(types$1._class) || this.match(types$1.name))) {\n        return\n        this.tsParseAbstractDeclaration(node);\n      }\n      break;\n\n    case \"enum\":\n      if (next ||\n      this.match(types$1.name)) {\n        if (next) this.next();\n        return this.tsParseEnumDeclaration(node, false);\n      }\n      break;\n\n    case \"interface\":\n      if (this.tsCheckLineTerminator(next) &&\n      this.match(types$1.name)) {\n        return this.tsParseInterfaceDeclaration(node);\n      }\n      break;\n\n    case \"module\":\n      if (this.tsCheckLineTerminator(next)) {\n        if (this.match(types$1.string)) {\n          return this.tsParseAmbientExternalModuleDeclaration(node);\n        } else if (this.match(types$1.name)) {\n          return this.tsParseModuleOrNamespaceDeclaration(node);\n        }\n      }\n      break;\n\n    case\n    \"namespace\":\n      if (this.tsCheckLineTerminator(next) && this.match(types$1.name)) {\n        return\n        this.tsParseModuleOrNamespaceDeclaration(node);\n      }\n      break;\n\n    case\n    \"type\":\n      if\n      (this.tsCheckLineTerminator(next) && this.match(types$1.name)) {\n        return\n        this.tsParseTypeAliasDeclaration(node);\n      }\n      break;\n  }\n}\n\n tsCheckLineTerminator(next) {\n  if\n  (next) {\n    if (this.hasFollowingLineBreak()) return false;\n    this.next();\n    return true;\n  }\n  return\n  !this.isLineTerminator();\n}\n\n tsTryParseGenericAsyncArrowFunction(startPos, startLoc) {\n  if\n  (!this.isRelational("<")) {\n    return undefined;\n  }\n  const oldMaybeInArrowParameters =\n  this.state.maybeInArrowParameters;\n  this.state.maybeInArrowParameters = true;\n  const res =\n  this.tsTryParseAndCatch(() => {\n    const node = this.startNodeAt(startPos, startLoc);\n    node.typeParameters =\n    this.tsParseTypeParameters();\n    super.parseFunctionParams(node);\n    node.returnType =\n    this.tsTryParseTypeOrTypePredicateAnnotation();\n    this.expect(types$1.arrow);\n    return node;\n  });\n  this.state.maybeInArrowParameters = oldMaybeInArrowParameters;\n  if (!res) {\n    return undefined;\n  }\n  return\n  this.parseArrowExpression(res, null, true);\n}\n\n tsParseTypeArguments() {\n  const node =\n  this.startNode();\n  node.params = this.tsInType(() => this.tsInNoContext(() => {\n    this.expectRelational("<");\n    return this.tsParseDelimitedList(\"TypeParametersOrArguments\",\n    this.tsParseType.bind(this));\n  }));\n  if (node.params.length === 0) {\n    this.raise(node.start,\n    TSErrors.EmptyTypeArguments);\n  }\n  this.state.exprAllowed = false;\n  this.expectRelational(">");\n  return\n  this.finishNode(node, \"TSTYPEPARAMETERINSTITIATION\");\n}\n\n tsIsDeclarationStart() {\n  if\n  (this.match(types$1.name)) {\n    switch (this.state.value) {\n      case \"abstract\":\n      case \"declare\":\n      case \"enum\":\n      case \"interface\":\n      case \"module\":\n      case \"namespace\":\n      case \"type\":\n        return true;\n    }\n  }\n  return false;\n}\n\n isExportDefaultSpecifier() {\n  if (this.tsIsDeclarationStart())\n  return false;\n  return\n  super.isExportDefaultSpecifier();\n}\n\n parseAssignableListItem(allowModifiers,\n  decorators) {\n  const startPos = this.state.start;\n  const startLoc = this.state.startLoc;\n  let accessibility;\n  let\n  readonly = false;\n  if (allowModifiers !== undefined) {\n    accessibility = this.parseAccessModifier();\n    readonly = !!this.tsParseModifier([\"readonly\"]);\n  }\n  if (allowModifiers === false && (accessibility || readonly))\n  {\n    this.raise(startPos, TSErrors.UnexpectedParameterModifier);\n  }\n  const left =\n  this.parseMaybeDefault();\n  this.parseAssignableListItemTypes(left);\n  const elt =\n  this.parseMaybeDefault(left.start, left.loc.start, left);\n  if (accessibility || readonly) {\n    const pp =\n    this.startNodeAt(startPos, startLoc);\n    if (decorators.length) {\n      pp.decorators = decorators;\n    }\n    if (accessibility) pp.accessibility = accessibility;\n    if (readonly) pp.readonly = readonly;\n    if (elt.type !==\n    \"Identifier\" && elt.type !== \"AssignmentPattern\") {\n      this.raise(pp.start,\n      TSErrors.UnsupportedParameterPropertyKind);\n    }\n    pp.parameter = elt;\n    return\n    this.finishNode(pp,\n    \"TSPARAMETERPROPERTY\");\n  }\n  if (decorators.length) {\n    left.decorators = decorators;\n  }\n  return\n  elt;\n}\n\n parseFunctionBodyAndFinish(node, type, isMethod = false) {\n  if (this.match(types$1.colon)) {\n    node.returnType = this.tsParseTypeOrTypePredicateAnnotation(types$1.colon);\n  }\n  const bodilessType =\n  type === \"FunctionDeclaration\" ? \"TSDeclareFunction\" : type === \"ClassMethod\" ? \"TSDeclareMethod\" :

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undefined;\n\n  if (bodilessType && !this.match(types$1.braceL) && this.isLineTerminator()) {\n
this.finishNode(node, bodilessType);\n  return;\n }\n\n  if (bodilessType === \"TSDeclareFunction\" &&\n
this.state.isAmbientContext) {\n  this.raise(node.start, TSErrors.DeclareFunctionHasImplementation);\n\n  if\n
(node.declare) {\n  super.parseFunctionBodyAndFinish(node, bodilessType, isMethod);\n  return;\n }\n\n}\n\n  super.parseFunctionBodyAndFinish(node, type, isMethod);\n }\n\n  registerFunctionStatementId(node) {\n
if (!node.body && node.id) {\n  this.checkLVal(node.id, \"function name\", BIND_TS_AMBIENT);\n } else\n
{\n  super.registerFunctionStatementId(...arguments);\n }\n }\n\n  tsCheckForInvalidTypeCasts(items) {\n
items.forEach(node => {\n  if ((node == null ? void 0 : node.type) === \"TSTypeCastExpression\") {\n
this.raise(node.typeAnnotation.start, TSErrors.UnexpectedTypeAnnotation);\n  }\n });\n }\n\n  toReferencedList(exprList, isInParens) {\n  this.tsCheckForInvalidTypeCasts(exprList);\n  return exprList;\n
}\n\n  parseArrayLike(...args) {\n  const node = super.parseArrayLike(...args);\n\n  if (node.type ===\n
\"ArrayExpression\") {\n  this.tsCheckForInvalidTypeCasts(node.elements);\n }\n\n  return node;\n }\n\n  parseSubscript(base, startPos, startLoc, noCalls, state) {\n  if (!this.hasPrecedingLineBreak() &&\n
this.match(types$1.bang)) {\n  this.state.exprAllowed = false;\n  this.next();\n  const nonNullExpression =\n
this.startNodeAt(startPos, startLoc);\n  nonNullExpression.expression = base;\n  return\n
this.finishNode(nonNullExpression, \"TSNonNullExpression\");\n }\n\n  if (this.isRelational(<\"<\")) {\n  const\n
result = this.tsTryParseAndCatch(() => {\n  if (!noCalls && this.atPossibleAsyncArrow(base)) {\n  const\n
asyncArrowFn = this.tsTryParseGenericAsyncArrowFunction(startPos, startLoc);\n\n  if (asyncArrowFn) {\n
return asyncArrowFn;\n  }\n }\n\n  const node = this.startNodeAt(startPos, startLoc);\n
node.callee = base;\n  const typeArguments = this.tsParseTypeArguments();\n\n  if (typeArguments) {\n
if (!noCalls && this.eat(types$1.parenL)) {\n  node.arguments =\n
this.parseCallExpressionArguments(types$1.parenR, false);\n
this.tsCheckForInvalidTypeCasts(node.arguments);\n  node.typeParameters = typeArguments;\n\n  if\n
(state.optionalChainMember) {\n  node.optional = false;\n  }\n\n  return\n
this.finishCallExpression(node, state.optionalChainMember);\n } else if (this.match(types$1.backQuote)) {\n
const result = this.parseTaggedTemplateExpression(base, startPos, startLoc, state);\n
result.typeParameters = typeArguments;\n  return result;\n }\n }\n\n  this.unexpected();\n
});\n\n  if (result) return result;\n }\n\n  return super.parseSubscript(base, startPos, startLoc, noCalls, state);\n
}\n\n  parseNewArguments(node) {\n  if (this.isRelational(<\"<\")) {\n  const typeParameters =\n
this.tsTryParseAndCatch(() => {\n  const args = this.tsParseTypeArguments();\n  if\n
(!this.match(types$1.parenL)) this.unexpected();\n  return args;\n });\n\n  if (typeParameters) {\n
node.typeParameters = typeParameters;\n }\n }\n\n  super.parseNewArguments(node);\n }\n\n  parseExprOp(left, leftStartPos, leftStartLoc, minPrec) {\n  if (nonNull(types$1._in.binop) > minPrec &&\n
!this.hasPrecedingLineBreak() && this.isContextual(<\"as\")) {\n  const node = this.startNodeAt(leftStartPos,\n
leftStartLoc);\n  node.expression = left;\n\n  const _const = this.tsTryNextParseConstantContext();\n\n  if\n
(_const) {\n  node.typeAnnotation = _const;\n } else {\n  node.typeAnnotation =\n
this.tsNextThenParseType();\n }\n\n  this.finishNode(node, \"TSAsExpression\");\n  this.reScan_lt_gt();\n
return this.parseExprOp(node, leftStartPos, leftStartLoc, minPrec);\n }\n\n  return super.parseExprOp(left,\n
leftStartPos, leftStartLoc, minPrec);\n }\n\n  checkReservedWord(word, startLoc, checkKeywords, isBinding)\n
{\n }\n\n  checkDuplicateExports() {\n }\n\n  parseImport(node) {\n  node.importKind = \"value\";\n\n  if\n
(this.match(types$1.name) || this.match(types$1.star) || this.match(types$1.braceL)) {\n  let ahead =\n
this.lookahead();\n\n  if (this.isContextual(<\"type\") && ahead.type !== types$1.comma && !(ahead.type ===\n
types$1.name && ahead.value === <\"from\") && ahead.type !== types$1.eq) {\n  node.importKind = \"type\";\n
this.next();\n  ahead = this.lookahead();\n }\n\n  if (this.match(types$1.name) && ahead.type ===\n
types$1.eq) {\n  return this.tsParseImportEqualsDeclaration(node);\n }\n }\n\n  const importNode =\n
super.parseImport(node);\n\n  if (importNode.importKind === <\"type\" && importNode.specifiers.length > 1 &&\n
importNode.specifiers[0].type === <\"ImportDefaultSpecifier\") {\n  this.raise(importNode.start,\n
TSErrors.TypeImportCannotSpecifyDefaultAndNamed);\n }\n\n  return importNode;\n }\n\n  parseExport(node)

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{\n  if (this.match(types$1._import)) {\n    this.next();\n\n    if (this.isContextual(\'"type"\') &&
this.lookaheadCharCode() !== 61) {\n      node.importKind = \'"type"\';\n      this.next();\n    } else {\n
node.importKind = \'"value"\';\n    }\n\n    return this.tsParseImportEqualsDeclaration(node, true);\n  } else if
(this.eat(types$1.eq)) {\n    const assign = node;\n    assign.expression = this.parseExpression();\n
this.semicolon();\n    return this.finishNode(assign, \'TSEExportAssignment\');\n  } else if
(this.eatContextual(\'"as"\')) {\n    const decl = node;\n    this.expectContextual(\'"namespace"\');\n    decl.id =
this.parseIdentifier();\n    this.semicolon();\n    return this.finishNode(decl,
\'TSNamespaceExportDeclaration\');\n  } else {\n    if (this.isContextual(\'"type"\') && this.lookahead().type ===
types$1.braceL) {\n      this.next();\n      node.exportKind = \'"type"\';\n    } else {\n      node.exportKind =
\'"value"\';\n    }\n\n    return super.parseExport(node);\n  }\n}\n\n isAbstractClass() {\n return
this.isContextual(\'"abstract"\') && this.lookahead().type === types$1._class;\n }\n\n
parseExportDefaultExpression() {\n  if (this.isAbstractClass()) {\n    const cls = this.startNode();\n
this.next();\n    cls.abstract = true;\n    this.parseClass(cls, true, true);\n    return cls;\n  }\n\n  if (this.state.value
=== \'"interface"\') {\n    const result = this.tsParseDeclaration(this.startNode(), this.state.value, true);\n
if (result) return result;\n  }\n\n  return super.parseExportDefaultExpression();\n }\n\n
parseStatementContent(context,
topLevel) {\n  if (this.state.type === types$1._const) {\n    const ahead = this.lookahead();\n\n    if (ahead.type
=== types$1.name && ahead.value === \'"enum"\') {\n      const node = this.startNode();\n
this.expect(types$1._const);\n      this.expectContextual(\'"enum"\');\n      return this.tsParseEnumDeclaration(node,
true);\n    }\n  }\n\n  return super.parseStatementContent(context, topLevel);\n }\n\n
parseAccessModifier() {\n  return this.tsParseModifier([\'"public"\', \'"protected"\', \'"private"\']);\n }\n\n
tsHasSomeModifiers(member,
modifiers) {\n  return modifiers.some(modifier => {\n    if (tsIsAccessModifier(modifier)) {\n      return
member.accessibility === modifier;\n    }\n  });\n }\n\n
parseClassMember(classBody, member, state) {\n  const invalidModifiersForStaticBlocks = [\'"declare"\',
\'"private"\', \'"public"\', \'"protected"\', \'"override"\', \'"abstract"\', \'"readonly"\'];\n  this.tsParseModifiers(member,
invalidModifiersForStaticBlocks.concat([\'"static"\']));\n\n  const callParseClassMemberWithIsStatic = () => {\n
const isStatic = !!member.static;\n\n  if (isStatic && this.eat(types$1.braceL)) {\n    if
(this.tsHasSomeModifiers(member, invalidModifiersForStaticBlocks)) {\n      this.raise(this.state.pos,
TSErrors.StaticBlockCannotHaveModifier);\n    }\n\n    this.parseClassStaticBlock(classBody, member);\n  }
else {\n    this.parseClassMemberWithIsStatic(classBody, member, state, isStatic);\n  }\n};\n\n  if
(member.declare) {\n    this.tsInAmbientContext(callParseClassMemberWithIsStatic);\n  } else {\n
callParseClassMemberWithIsStatic();\n  }\n}\n\n  parseClassMemberWithIsStatic(classBody, member, state,
isStatic) {\n    const idx = this.tsTryParseIndexSignature(member);\n\n    if (idx) {\n
classBody.body.push(idx);\n\n    if (member.abstract) {\n      this.raise(member.start,
TSErrors.IndexSignatureHasAbstract);\n    }\n\n    if (member.accessibility) {\n      this.raise(member.start,
TSErrors.IndexSignatureHasAccessibility, member.accessibility);\n    }\n\n    if (member.declare) {\n
this.raise(member.start, TSErrors.IndexSignatureHasDeclare);\n    }\n\n    if (member.override) {\n
this.raise(member.start, TSErrors.IndexSignatureHasOverride);\n    }\n\n    return;\n  }\n\n  if
(!this.state.inAbstractClass && member.abstract) {\n    this.raise(member.start,
TSErrors.NonAbstractClassHasAbstractMethod);\n  }\n\n  if (member.override) {\n    if (!state.hadSuperClass)
{\n      this.raise(member.start, TSErrors.OverrideNotInSubClass);\n    }\n  }\n}\n\n
super.parseClassMemberWithIsStatic(classBody, member, state, isStatic);\n }\n\n
parsePostMemberNameModifiers(methodOrProp) {\n  const optional = this.eat(types$1.question);\n  if (optional)
methodOrProp.optional = true;\n\n  if (methodOrProp.readonly && this.match(types$1.parenL)) {\n
this.raise(methodOrProp.start, TSErrors.ClassMethodHasReadonly);\n  }\n\n  if (methodOrProp.declare &&
this.match(types$1.parenL)) {\n    this.raise(methodOrProp.start, TSErrors.ClassMethodHasDeclare);\n  }\n}\n\n
parseExpressionStatement(node, expr) {\n  const decl = expr.type === \'"Identifier"\' ?
this.tsParseExpressionStatement(node, expr) : undefined;\n  return decl || super.parseExpressionStatement(node,
expr);\n }\n\n
shouldParseExportDeclaration() {\n  if (this.tsIsDeclarationStart()) return true;\n  return

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super.shouldParseExportDeclaration();\n }\n\n parseConditional(expr, startPos, startLoc, refNeedsArrowPos) {\n
if (!refNeedsArrowPos || !this.match(types$1.question)) {\n  return super.parseConditional(expr, startPos,\n
startLoc, refNeedsArrowPos);\n }\n\n  const result = this.tryParse(() => super.parseConditional(expr, startPos,\n
startLoc));\n\n  if (!result.node) {\n    refNeedsArrowPos.start = result.error.pos || this.state.start;\n    return\n
expr;\n  }\n\n  if (result.error) this.state = result.failState;\n  return result.node;\n }\n\n  parseParenItem(node,\n
startPos, startLoc) {\n  node = super.parseParenItem(node, startPos, startLoc);\n\n  if (this.eat(types$1.question))\n
{\n    node.optional = true;\n    this.resetEndLocation(node);\n  }\n\n  if (this.match(types$1.colon)) {\n\n
const typeCastNode = this.startNodeAt(startPos, startLoc);\n    typeCastNode.expression = node;\n\n
typeCastNode.typeAnnotation = this.tsParseTypeAnnotation();\n    return this.finishNode(typeCastNode,\n
`TSTypeCastExpression`);\n  }\n\n  return node;\n }\n\n  parseExportDeclaration(node) {\n  const startPos =\n
this.state.start;\n  const startLoc = this.state.startLoc;\n  const isDeclare = this.eatContextual(`declare`);\n\n  if\n
(isDeclare && (this.isContextual(`declare`) || !this.shouldParseExportDeclaration())) {\n    throw\n
this.raise(this.state.start, TSErrors.ExpectedAmbientAfterExportDeclare);\n  }\n\n  let declaration;\n\n  if\n
(this.match(types$1.name)) {\n    declaration = this.tsTryParseExportDeclaration();\n  }\n\n  if (!declaration) {\n\n
declaration = super.parseExportDeclaration(node);\n  }\n\n  if (declaration && (declaration.type ===\n
`TSInterfaceDeclaration` || declaration.type === `TSTypeAliasDeclaration` || isDeclare)) {\n    node.exportKind\n
= `type`;\n  }\n\n  if (declaration && isDeclare) {\n    this.resetStartLocation(declaration, startPos, startLoc);\n\n
declaration.declare = true;\n  }\n\n  return declaration;\n }\n\n  parseClassId(node, isStatement, optionalId) {\n\n
if ((!isStatement || optionalId) && this.isContextual(`implements`)) {\n    return;\n  }\n\n  super.parseClassId(node, isStatement, optionalId, node.declare ? BIND_TS_AMBIENT : BIND_CLASS);\n  const\n
typeParameters = this.tsTryParseTypeParameters();\n  if (typeParameters) node.typeParameters =\n
typeParameters;\n }\n\n  parseClassPropertyAnnotation(node) {\n  if (!node.optional && this.eat(types$1.bang))\n
{\n    node.definite = true;\n  }\n\n  const type = this.tsTryParseTypeAnnotation();\n  if (type)\n
node.typeAnnotation = type;\n }\n\n  parseClassProperty(node) {\n  this.parseClassPropertyAnnotation(node);\n\n
if (this.state.isAmbientContext && this.match(types$1.eq)) {\n    this.raise(this.state.start,\n
TSErrors.DeclareClassFieldHasInitializer);\n  }\n\n  return super.parseClassProperty(node);\n }\n\n\n
parseClassPrivateProperty(node) {\n  if (node.abstract) {\n    this.raise(node.start,\n
TSErrors.PrivateElementHasAbstract);\n  }\n\n  if (node.accessibility) {\n    this.raise(node.start,\n
TSErrors.PrivateElementHasAccessibility, node.accessibility);\n  }\n\n  this.parseClassPropertyAnnotation(node);\n  return super.parseClassPrivateProperty(node);\n }\n\n\n
pushClassMethod(classBody, method, isGenerator, isAsync, isConstructor, allowsDirectSuper) {\n  const\n
typeParameters = this.tsTryParseTypeParameters();\n\n  if (typeParameters && isConstructor) {\n\n
this.raise(typeParameters.start, TSErrors.ConstructorHasTypeParameters);\n  }\n\n  if (method.declare &&\n
(method.kind === `get` || method.kind === `set`)) {\n    this.raise(method.start, TSErrors.DeclareAccessor,\n
method.kind);\n  }\n\n  if (typeParameters) method.typeParameters = typeParameters;\n\n
super.pushClassMethod(classBody, method, isGenerator, isAsync, isConstructor, allowsDirectSuper);\n }\n\n\n
pushClassPrivateMethod(classBody, method, isGenerator, isAsync) {\n  const typeParameters =\n
this.tsTryParseTypeParameters();\n  if (typeParameters) method.typeParameters = typeParameters;\n\n
super.pushClassPrivateMethod(classBody, method, isGenerator, isAsync);\n }\n\n\n
parseClassSuper(node) {\n  super.parseClassSuper(node);\n\n  if (node.superClass && this.isRelational(`<`)) {\n\n
node.superTypeParameters = this.tsParseTypeArguments();\n  }\n\n  if (this.eatContextual(`implements`)) {\n\n
node.implements = this.tsParseHeritageClause(`implements`);\n  }\n  }\n\n  parseObjPropValue(prop, ...args) {\n\n
const typeParameters = this.tsTryParseTypeParameters();\n  if (typeParameters) prop.typeParameters =\n
typeParameters;\n  super.parseObjPropValue(prop, ...args);\n }\n\n\n
parseFunctionParams(node, allowModifiers) {\n  const typeParameters = this.tsTryParseTypeParameters();\n  if (typeParameters) node.typeParameters =\n
typeParameters;\n  super.parseFunctionParams(node, allowModifiers);\n }\n\n\n
parseVarId(decl, kind) {\n  super.parseVarId(decl, kind);\n\n  if (decl.id.type === `Identifier` && this.eat(types$1.bang)) {\n    decl.definite\n
= true;\n  }\n\n  const type = this.tsTryParseTypeAnnotation();\n\n  if (type) {\n    decl.id.typeAnnotation =

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type;\n    this.resetEndLocation(decl.id);\n    }\n }\n\n parseAsyncArrowFromCallExpression(node, call) {\n  if\n  (this.match(types$1.colon)) {\n    node.returnType = this.tsParseTypeAnnotation();\n  }\n\n  return\n  super.parseAsyncArrowFromCallExpression(node, call);\n }\n\n parseMaybeAssign(...args) {\n  var _jsx, _jsx2,\n  _typeCast, _jsx3, _typeCast2, _jsx4, _typeCast3;\n\n  let state;\n  let jsx;\n  let typeCast;\n\n  if\n  (this.hasPlugin("jsx") && (this.match(types$1.jsxTagStart) || this.isRelational("<"))) {\n    state =\n    this.state.clone();\n    jsx = this.tryParse() => super.parseMaybeAssign(...args), state);\n    if (!jsx.error) return\n    jsx.node;\n    const {\n      context\n    } = this.state;\n\n    if (context[context.length - 1] === types.j_oTag) {\n      context.length -= 2;\n    } else if (context[context.length - 1] === types.j_expr) {\n      context.length -= 1;\n    }\n  }\n\n  if (!((_jsx = jsx) != null && _jsx.error) && !this.isRelational("<")) {\n    return\n    super.parseMaybeAssign(...args);\n  }\n\n  let typeParameters;\n  state = state || this.state.clone();\n  const arrow\n  = this.tryParse(abort => {\n    var _expr$extra, _typeParameters;\n\n    typeParameters =\n    this.tsParseTypeParameters();\n    const expr = super.parseMaybeAssign(...args);\n\n    if (expr.type !==\n    \"ArrowFunctionExpression\" || (_expr$extra = expr.extra) != null && _expr$extra.parenthesized) {\n      abort();\n    }\n\n    if (((_typeParameters = typeParameters) == null ? void 0 : _typeParameters.params.length) !== 0) {\n      this.resetStartLocationFromNode(expr, typeParameters);\n    }\n\n    expr.typeParameters = typeParameters;\n    return expr;\n  }, state);\n  if (!arrow.error && !arrow.aborted) return arrow.node;\n\n  if (!jsx) {\n    assert(!this.hasPlugin(\"jsx\"));\n    typeCast = this.tryParse() => super.parseMaybeAssign(...args), state);\n    if\n    (!typeCast.error) return typeCast.node;\n  }\n\n  if ((_jsx2 = jsx) != null && _jsx2.node) {\n    this.state =\n    jsx.failState;\n    return jsx.node;\n  }\n\n  if (arrow.node) {\n    this.state = arrow.failState;\n    return\n    arrow.node;\n  }\n\n  if ((_typeCast = typeCast) != null && _typeCast.node) {\n    this.state =\n    typeCast.failState;\n    return typeCast.node;\n  }\n\n  if ((_jsx3 = jsx) != null && _jsx3.thrown) throw\n  jsx.error;\n  if (arrow.thrown) throw arrow.error;\n  if ((_typeCast2 = typeCast) != null && _typeCast2.thrown)\n  throw typeCast.error;\n  throw ((_jsx4 = jsx) == null ? void 0 : _jsx4.error) || arrow.error || ((_typeCast3 =\n  typeCast) == null ? void 0 : _typeCast3.error);\n }\n\n parseMaybeUnary(refExpressionErrors) {\n  if\n  (!this.hasPlugin(\"jsx\") && this.isRelational("<")) {\n    return this.tsParseTypeAssertion();\n  } else {\n    return\n    super.parseMaybeUnary(refExpressionErrors);\n  }\n }\n\n parseArrow(node) {\n  if\n  (this.match(types$1.colon)) {\n    const result = this.tryParse(abort => {\n      const returnType =\n      this.tsParseTypeOrTypePredicateAnnotation(types$1.colon);\n      if (this.canInsertSemicolon() ||\n      !this.match(types$1.arrow)) abort();\n      return returnType;\n    });\n    if (result.aborted) return;\n\n    if\n    (!result.thrown) {\n      if (result.error) this.state = result.failState;\n      node.returnType = result.node;\n    }\n  }\n\n  return\n  super.parseArrow(node);\n }\n\n parseAssignableListItemTypes(param) {\n  if\n  (this.eat(types$1.question)) {\n    if (param.type !== \"Identifier\" && !this.state.isAmbientContext &&\n    !this.state.inType) {\n      this.raise(param.start, TSErrors.PatternIsOptional);\n    }\n\n    param.optional = true;\n  }\n\n  const type = this.tsTryParseTypeAnnotation();\n  if (type) param.typeAnnotation = type;\n\n  this.resetEndLocation(param);\n  return param;\n }\n\n toAssignable(node, isLHS = false) {\n  switch\n  (node.type) {\n    case \"TSTypeCastExpression\":\n      return\n      super.toAssignable(this.typeCastToParameter(node), isLHS);\n\n    case \"TSParameterProperty\":\n      return\n      super.toAssignable(node, isLHS);\n\n    case \"ParenthesizedExpression\":\n      return\n      this.toAssignableParenthesizedExpression(node, isLHS);\n\n    case \"TSAsExpression\":\n      case\n      \"TSNonNullExpression\":\n      case \"TSTypeAssertion\":\n      node.expression =\n      this.toAssignable(node.expression, isLHS);\n      return node;\n\n    default:\n      return\n      super.toAssignable(node, isLHS);\n  }\n }\n\n toAssignableParenthesizedExpression(node, isLHS) {\n  switch\n  (node.expression.type) {\n    case \"TSAsExpression\":\n      case\n      \"TSNonNullExpression\":\n      case \"TSTypeAssertion\":\n      case\n      \"ParenthesizedExpression\":\n      node.expression = this.toAssignable(node.expression, isLHS);\n      return\n      node;\n\n    default:\n      return\n      super.toAssignable(node, isLHS);\n  }\n }\n\n checkLVal(expr,\n  contextDescription, ...args) {\n  var _expr$extra2;\n\n  switch (expr.type) {\n    case\n    \"TSTypeCastExpression\":\n      return;\n\n    case \"TSParameterProperty\":\n      this.checkLVal(expr.parameter, \"parameter property\", ...args);\n      return;\n\n    case \"TSAsExpression\":\n
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case \"TSTypeAssertion\":\n    if (!args[0] && contextDescription !== \"parenthesized expression\" &&
!((_expr$extra2 = expr.extra) != null && _expr$extra2.parenthesized)) {\n        this.raise(expr.start,
ErrorMessages.InvalidLhs, contextDescription);\n        break;\n    }\n    this.checkLVal(expr.expression,
\"parenthesized expression\", ...args);\n    return;\n\n    case \"TSNonNullExpression\":\nthis.checkLVal(expr.expression, contextDescription, ...args);\n    return;\n\n    default:\nsuper.checkLVal(expr, contextDescription, ...args);\n    return;\n    }\n}\n\nparseBindingAtom() {\n    switch
(this.state.type) {\n        case types$1._this:\n            return this.parseIdentifier(true);\n\n        default:\n            return
super.parseBindingAtom();\n    }\n}\n\nparseMaybeDecoratorArguments(expr) {\n    if (this.isRelational("<"))
{\n        const typeArguments = this.tsParseTypeArguments();\n\n        if (this.match(types$1.parenL)) {\n            const
call = super.parseMaybeDecoratorArguments(expr);\n            call.typeParameters = typeArguments;\n            return
call;\n        }\n\n        this.unexpected(this.state.start, types$1.parenL);\n    }\n\n    return
super.parseMaybeDecoratorArguments(expr);\n}\n\ncheckCommaAfterRest(close) {\n    if
(this.state.isAmbientContext && this.match(types$1.comma) && this.lookaheadCharCode() === close) {\n
this.next();\n    } else {\n        super.checkCommaAfterRest(close);\n    }\n}\n\nisClassMethod() {\n    return
this.isRelational("<") || super.isClassMethod();\n}\n\nisClassProperty() {\n    return this.match(types$1.bang) ||
this.match(types$1.colon) || super.isClassProperty();\n}\n\nparseMaybeDefault(...args) {\n    const node =
super.parseMaybeDefault(...args);\n\n    if (node.type === \"AssignmentPattern\" && node.typeAnnotation &&
node.right.start < node.typeAnnotation.start) {\n        this.raise(node.typeAnnotation.start,
TSErrors.TypeAnnotationAfterAssign);\n    }\n\n    return node;\n}\n\ngetTokenFromCode(code) {\n    if
(this.state.inType && (code === 62 || code === 60)) {\n        return this.finishOp(types$1.relational, 1);\n    } else {\n
return super.getTokenFromCode(code);\n    }\n}\n\nreScan_lt_gt() {\n    if (this.match(types$1.relational)) {\n
const code = this.input.charCodeAtAt(this.state.start);\n\n        if (code === 60 || code === 62) {\n            this.state.pos -=
1;\n            this.readToken_lt_gt(code);\n        }\n    }\n}\n\n assignableList(exprList) {\n    for (let i = 0; i <
exprList.length; i++) {\n        const expr = exprList[i];\n\n        if (!expr) continue;\n\n        switch (expr.type) {\n            case
\"TSTypeCastExpression\":\n                exprList[i] = this.typeCastToParameter(expr);\n                break;\n\n            case
\"TSAExpression\":\n                case \"TSTypeAssertion\":\n                    if (!this.state.maybeInArrowParameters) {\n
exprList[i] = this.typeCastToParameter(expr);\n                    } else {\n                        this.raise(expr.start,
TSErrors.UnexpectedTypeCastInParameter);\n                    }\n                    break;\n        }\n    }\n\n    return
super.assignableList(...arguments);\n}\n\n typeCastToParameter(node) {\n    node.expression.typeAnnotation =
node.typeAnnotation;\n    this.resetEndLocation(node.expression, node.typeAnnotation.end,
node.typeAnnotation.loc.end);\n    return node.expression;\n}\n\n shouldParseArrow() {\n    return
this.match(types$1.colon) || super.shouldParseArrow();\n}\n\n shouldParseAsyncArrow() {\n    return
this.match(types$1.colon) || super.shouldParseAsyncArrow();\n}\n\n canHaveLeadingDecorator() {\n    return
super.canHaveLeadingDecorator() || this.isAbstractClass();\n}\n\n jsxParseOpeningElementAfterName(node) {\n
if (this.isRelational("<")) {\n        const typeArguments = this.tsTryParseAndCatch(() =>
this.tsParseTypeArguments());\n\n        if (typeArguments) node.typeParameters = typeArguments;\n    }\n\n    return
super.jsxParseOpeningElementAfterName(node);\n}\n\n getGetterSetterExpectedParamCount(method) {\n    const
baseCount = super.getGetterSetterExpectedParamCount(method);\n    const params =
this.getObjectOrClassMethodParams(method);\n    const firstParam = params[0];\n    const hasContextParam =
firstParam && this.isThisParam(firstParam);\n    return hasContextParam ? baseCount + 1 : baseCount;\n}\n\n
parseCatchClauseParam() {\n    const param = super.parseCatchClauseParam();\n    const type =
this.tsTryParseTypeAnnotation();\n\n    if (type) {\n        param.typeAnnotation = type;\n
this.resetEndLocation(param);\n    }\n\n    return param;\n}\n\n tsInAmbientContext(cb) {\n    const
oldIsAmbientContext = this.state.isAmbientContext;\n    this.state.isAmbientContext = true;\n\n    try {\n        return
cb();\n    } finally {\n        this.state.isAmbientContext = oldIsAmbientContext;\n    }\n}\n\n parseClass(node,
...args) {\n    const oldInAbstractClass = this.state.inAbstractClass;\n    this.state.inAbstractClass =
!!node.abstract;\n\n    try {\n        return super.parseClass(node, ...args);\n    } finally {\n        this.state.inAbstractClass
= oldInAbstractClass;\n    }\n}\n\n tsParseAbstractDeclaration(node) {\n    if (this.match(types$1._class)) {\n

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node.abstract = true;\n    return this.parseClass(node, true, false);\n    } else if (this.isContextual("interface")) {\n
    if (!this.hasFollowingLineBreak()) {\n        node.abstract = true;\n        this.raise(node.start,
TSErrors.NonClassMethodPropertyHasAbstractModifier);\n        this.next();\n        return
this.tsParseInterfaceDeclaration(node);\n    }\n    } else {\n        this.unexpected(null, types$1._class);\n    }\n}\n\n
parseMethod(...args) {\n    const method = super.parseMethod(...args);\n\n    if (method.abstract) {\n        const
hasBody = this.hasPlugin("estree") ? !!method.value.body : !!method.body;\n\n        if (hasBody) {\n            const {\n
                key\n            } = method;\n            this.raise(method.start, TSErrors.AbstractMethodHasImplementation, key.type ===
"Identifier" ? key.name : `[${this.input.slice(key.start, key.end)}]`);\n        }\n    }\n\n    return method;\n}\n\n
shouldParseAsAmbientContext() {\n    return !!this.getPluginOption("typescript", "dts");\n}\n\n
parse() {\n    if (this.shouldParseAsAmbientContext()) {\n        this.state.isAmbientContext = true;\n    }\n\n    return super.parse();\n}\n\n
getExpression() {\n    if (this.shouldParseAsAmbientContext()) {\n        this.state.isAmbientContext = true;\n    }\n\n    return super.getExpression();\n}\n\n});\n\n
types$1.placeholder = new TokenType("%", {\n    startsExpr: true\n});\n\n
const PlaceholderErrors = makeErrorTemplates({\n    ClassNameIsRequired: "A class name is
required.",\n}, ErrorCodes.SyntaxError);\n\n
var placeholders = (superClass => class extends superClass {\n
    parsePlaceholder(expectedNode) {\n        if (this.match(types$1.placeholder)) {\n            const node = this.startNode();\n
            this.next();\n            this.assertNoSpace("Unexpected space in placeholder.");\n            node.name =
super.parseIdentifier(true);\n            this.assertNoSpace("Unexpected space in placeholder.");\n
            this.expect(types$1.placeholder);\n            return this.finishPlaceholder(node, expectedNode);\n        }\n    }\n\n
    finishPlaceholder(node, expectedNode) {\n        const isFinished = !(node.expectedNode && node.type ===
"Placeholder");\n        node.expectedNode = expectedNode;\n        return isFinished ? node : this.finishNode(node,
"Placeholder");\n    }\n\n
    getTokenFromCode(code) {\n        if (code === 37 && this.input.charCodeAt(this.state.pos
+ 1) === 37) {\n            return this.finishOp(types$1.placeholder, 2);\n        }\n    }\n\n
    return super.getTokenFromCode(...arguments);\n}\n\n
    parseExprAtom() {\n        return this.parsePlaceholder("Expression") || super.parseExprAtom(...arguments);\n    }\n\n
    parseIdentifier() {\n        return this.parsePlaceholder("Identifier") || super.parseIdentifier(...arguments);\n    }\n\n
    checkReservedWord(word) {\n        if (word !== undefined) super.checkReservedWord(...arguments);\n    }\n\n
    parseBindingAtom() {\n        return this.parsePlaceholder("Pattern") || super.parseBindingAtom(...arguments);\n    }\n\n
    checkLVal(expr) {\n        if (expr.type !== "Placeholder") super.checkLVal(...arguments);\n    }\n\n
    toAssignable(node) {\n        if (node && node.type === "Placeholder" && node.expectedNode === "Expression") {\n            node.expectedNode =
"Pattern";\n            return node;\n        }\n        return super.toAssignable(...arguments);\n    }\n\n
    isLet(context) {\n        if (super.isLet(context)) {\n            return true;\n        }\n\n        if (!this.isContextual("let")) {\n            return false;\n        }\n\n        if (context) return false;\n        const nextToken = this.lookahead();\n\n        if (nextToken.type === types$1.placeholder) {\n            return true;\n        }\n\n        return false;\n    }\n\n
    verifyBreakContinue(node) {\n        if (node.label && node.label.type === "Placeholder") return;\n        super.verifyBreakContinue(...arguments);\n    }\n\n
    parseExpressionStatement(node, expr) {\n        if (expr.type !== "Placeholder" || expr.extra &&
expr.extra.parenthesized) {\n            return super.parseExpressionStatement(...arguments);\n        }\n\n        if (this.match(types$1.colon)) {\n            const stmt = node;\n            stmt.label = this.finishPlaceholder(expr, "Identifier");\n
            this.next();\n            stmt.body = this.parseStatement("label");\n            return this.finishNode(stmt,
"LabeledStatement");\n        }\n\n        this.semicolon();\n        node.name = expr.name;\n        return this.finishPlaceholder(node, "Statement");\n    }\n\n
    parseBlock() {\n        return this.parsePlaceholder("BlockStatement") || super.parseBlock(...arguments);\n    }\n\n
    parseFunctionId() {\n        return this.parsePlaceholder("Identifier") || super.parseFunctionId(...arguments);\n    }\n\n
    parseClass(node, isStatement, optionalId) {\n        const type = isStatement ? "ClassDeclaration" : "ClassExpression";\n        this.next();\n
        this.takeDecorators(node);\n        const oldStrict = this.state.strict;\n        const placeholder =
this.parsePlaceholder("Identifier");\n\n        if (placeholder) {\n            if (this.match(types$1._extends) ||
this.match(types$1.placeholder) || this.match(types$1.braceL)) {\n                node.id = placeholder;\n            } else if (optionalId || !isStatement) {\n                node.id = null;\n                node.body = this.finishPlaceholder(placeholder,
"ClassBody");\n            }\n        } else {\n            this.unexpected(null,

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PlaceholderErrors.ClassNameIsRequired);\n  }\n } else {\n  this.parseClassId(node, isStatement,
optionalId);\n  }\n\n  this.parseClassSuper(node);\n  node.body = this.parsePlaceholder("ClassBody") ||
this.parseClassBody(!node.superClass, oldStrict);\n  return this.finishNode(node, type);\n  }\n\n  parseExport(node) {\n  const placeholder = this.parsePlaceholder("Identifier");\n  if (!placeholder) return
super.parseExport(...arguments);\n\n  if (!this.isContextual("from") && !this.match(types$1.comma)) {\n
node.specifiers = [];\n  node.source = null;\n  node.declaration = this.finishPlaceholder(placeholder,
"Declaration");\n  return this.finishNode(node, "ExportNamedDeclaration");\n  }\n\n  this.expectPlugin("exportDefaultFrom");\n  const specifier = this.startNode();\n  specifier.exported =
placeholder;\n  node.specifiers = [this.finishNode(specifier, "ExportDefaultSpecifier");\n  return
super.parseExport(node);\n  }\n\n  isExportDefaultSpecifier() {\n  if (this.match(types$1._default)) {\n  const
next = this.nextTokenStart();\n\n  if (this.isUnparsedContextual(next, "from")) {\n  if
(this.input.startsWith(types$1.placeholder.label, this.nextTokenStartSince(next + 4))) {\n  return true;\n  }\n
  }\n\n  return super.isExportDefaultSpecifier();\n  }\n\n  maybeParseExportDefaultSpecifier(node) {\n  if
(node.specifiers && node.specifiers.length > 0) {\n  return true;\n  }\n\n  return
super.maybeParseExportDefaultSpecifier(...arguments);\n  }\n\n  checkExport(node) {\n  const {\n  specifiers\n
} = node;\n  if (specifiers != null && specifiers.length) {\n  node.specifiers = specifiers.filter(node =>
node.exported.type === "Placeholder");\n  }\n\n  super.checkExport(node);\n  node.specifiers = specifiers;\n
}\n\n  parseImport(node) {\n  const placeholder = this.parsePlaceholder("Identifier");\n  if (!placeholder) return
super.parseImport(...arguments);\n  node.specifiers = [];\n\n  if (!this.isContextual("from") &&
!this.match(types$1.comma)) {\n  node.source = this.finishPlaceholder(placeholder, "StringLiteral");\n
this.semicolon();\n  return this.finishNode(node, "ImportDeclaration");\n  }\n\n  const specifier =
this.startNodeAtNode(placeholder);\n  specifier.local = placeholder;\n  this.finishNode(specifier,
"ImportDefaultSpecifier");\n  node.specifiers.push(specifier);\n\n  if (this.eat(types$1.comma)) {\n  const
hasStarImport = this.maybeParseStarImportSpecifier(node);\n  if (!hasStarImport)
this.parseNamedImportSpecifiers(node);\n  }\n\n  this.expectContextual("from");\n  node.source =
this.parseImportSource();\n  this.semicolon();\n  return this.finishNode(node, "ImportDeclaration");\n  }\n\n
parseImportSource() {\n  return this.parsePlaceholder("StringLiteral") || super.parseImportSource(...arguments);\n
}\n\n});\n\nvar v8intrinsic = (superClass => class extends superClass {\n  parseV8Intrinsic() {\n  if
(this.match(types$1.modulo)) {\n  const v8IntrinsicStart = this.state.start;\n  const node = this.startNode();\n
this.eat(types$1.modulo);\n\n  if (this.match(types$1.name)) {\n  const name =
this.parseIdentifierName(this.state.start);\n  const identifier = this.createIdentifier(node, name);\n
identifier.type = "V8IntrinsicIdentifier";\n\n  if (this.match(types$1.parenL)) {\n  return identifier;\n
}\n  }\n\n  this.unexpected(v8IntrinsicStart);\n  }\n  }\n\n  parseExprAtom() {\n  return
this.parseV8Intrinsic() || super.parseExprAtom(...arguments);\n  }\n\n});\n\nfunction hasPlugin(plugings, name) {\n
return plugings.some(plugin => {\n  if (Array.isArray(plugin)) {\n  return plugin[0] === name;\n  } else {\n
return plugin === name;\n  }\n  });\n\n}\n\nfunction getPluginOption(plugings, name, option) {\n  const plugin =
plugings.find(plugin => {\n  if (Array.isArray(plugin)) {\n  return plugin[0] === name;\n  } else {\n  return
plugin === name;\n  }\n  });\n\n  if (plugin && Array.isArray(plugin)) {\n  return plugin[1][option];\n  }\n\n
return null;\n  }\n\nconst PIPELINE_PROPOSALS = ["minimal", "smart", "fsharp"];const
RECORD_AND_TUPLE_SYNTAX_TYPES = ["hash", "bar"];function validatePlugins(plugings) {\n  if
(hasPlugin(plugings, "decorators")) {\n  if (hasPlugin(plugings, "decorators-legacy")) {\n  throw new
Error("Cannot use the decorators and decorators-legacy plugin together");\n  }\n\n  const
decoratorsBeforeExport = getPluginOption(plugings, "decorators", "decoratorsBeforeExport");\n\n  if
(decoratorsBeforeExport == null) {\n  throw new Error("The 'decorators' plugin requires a
'decoratorsBeforeExport' option," + "\n  whose value must be a boolean. If you are migrating from" + "\n
  Babylon/Babel 6 or want to use the old decorators proposal, you" + "\n  should use the 'decorators-legacy' plugin
instead of 'decorators'.");\n  } else if (typeof decoratorsBeforeExport !== "boolean") {\n  throw new
Error("'decoratorsBeforeExport' must be a boolean.");\n  }\n  }\n\n  if (hasPlugin(plugings, "flow") &&

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hasPlugin(plugins, 'typescript')) {\n  throw new Error('Cannot combine flow and typescript plugins.');
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}\n\n if (hasPlugin(plugins, 'placeholders') && hasPlugin(plugins, 'v8intrinsic')) {\n  throw new Error('Cannot combine placeholders and v8intrinsic plugins.');
```

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}\n\n if (hasPlugin(plugins, 'pipelineOperator') && !PIPELINE_PROPOSALS.includes(getPluginOption(plugins, 'pipelineOperator', 'proposal')))
```

```

{\n  throw new Error('pipelineOperator' requires 'proposal' option whose value should be one of: ' + PIPELINE_PROPOSALS.map(p => ` ${p} `).join(', '));\n }\n\n if (hasPlugin(plugins, 'moduleAttributes')) {\n  {\n    if (hasPlugin(plugins, 'importAssertions')) {\n      throw new Error('Cannot combine importAssertions and moduleAttributes plugins.');
```

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}\n\n    const moduleAttributesVersionPluginOption = getPluginOption(plugins, 'moduleAttributes', 'version');
```

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}\n\n    if (moduleAttributesVersionPluginOption !== 'may-2020') {\n      throw new Error('The 'moduleAttributes' plugin requires a 'version' option, ' + ' representing the last proposal update. Currently, the' + ' only supported value is 'may-2020'.');
```

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}\n  }\n\n  if (hasPlugin(plugins, 'recordAndTuple') && !RECORD_AND_TUPLE_SYNTAX_TYPES.includes(getPluginOption(plugins, 'recordAndTuple', 'syntaxType')))
```

```

{\n  throw new Error('recordAndTuple' requires 'syntaxType' option whose value should be one of: ' + RECORD_AND_TUPLE_SYNTAX_TYPES.map(p => ` ${p} `).join(', '));\n }\n\n  if (hasPlugin(plugins, 'asyncDoExpressions') && !hasPlugin(plugins, 'doExpressions')) {\n    const error = new Error('asyncDoExpressions' requires 'doExpressions', please add 'doExpressions' to parser plugins.');
```

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error.missingPlugins = 'doExpressions';\n    throw error;\n  }\n}\n\nconst mixinPlugins = {\n  estree,\n  jsx,\n  flow,\n  typescript,\n  v8intrinsic,\n  placeholders\n};\n\nconst mixinPluginNames = Object.keys(mixinPlugins);\n\nconst defaultOptions = {\n  sourceType: 'script',\n  sourceFilename: undefined,\n  startLine: 1,\n  allowAwaitOutsideFunction: false,\n  allowReturnOutsideFunction: false,\n  allowImportExportEverywhere: false,\n  allowSuperOutsideMethod: false,\n  allowUndeclaredExports: false,\n  plugins: [],\n  strictMode: null,\n  ranges: false,\n  tokens: false,\n  createParenthesizedExpressions: false,\n  errorRecovery: false\n};\n\nfunction getOptions(opts) {\n  const options = {};\n\n  for (const key of Object.keys(defaultOptions)) {\n    options[key] = opts && opts[key] != null ? opts[key] : defaultOptions[key];\n  }\n\n  return options;\n}\n\nclass State {\n  constructor() {\n    this.strict = void 0;\n    this.curLine = void 0;\n    this.startLoc = void 0;\n    this.endLoc = void 0;\n    this.errors = [];\n    this.potentialArrowAt = -1;\n    this.noArrowAt = [];\n    this.noArrowParamsConversionAt = [];\n    this.maybeInArrowParameters = false;\n    this.inPipeline = false;\n    this.inType = false;\n    this.noAnonFunctionType = false;\n    this.inPropertyName = false;\n    this.hasFlowComment = false;\n    this.isAmbientContext = false;\n    this.inAbstractClass = false;\n    this.topicContext = {\n      maxNumOfResolvableTopics: 0,\n      maxTopicIndex: null\n    }; \n    this.soloAwait = false;\n    this.inFSharpPipelineDirectBody = false;\n    this.labels = [];\n    this.decoratorStack = [[]];\n    this.comments = [];\n    this.trailingComments = [];\n    this.leadingComments = [];\n    this.commentStack = [];\n    this.commentPreviousNode = null;\n    this.pos = 0;\n    this.lineStart = 0;\n    this.type = types$1.eof;\n    this.value = null;\n    this.start = 0;\n    this.end = 0;\n    this.lastTokEndLoc = null;\n    this.lastTokStartLoc = null;\n    this.lastTokStart = 0;\n    this.lastTokEnd = 0;\n    this.context = [types.braceStatement];\n    this.exprAllowed = true;\n    this.containsEsc = false;\n    this.strictErrors = new Map();\n    this.exportedIdentifiers = [];\n    this.tokensLength = 0;\n  }\n\n  init(options) {\n    this.strict = options.strictMode === false ? false : options.sourceType === 'module';\n    this.curLine = options.startLine;\n    this.startLoc = this.endLoc = this.curPosition();\n  }\n\n  curPosition() {\n    return new Position(this.curLine, this.pos - this.lineStart);\n  }\n\n  clone(skipArrays) {\n    const state = new State();\n    const keys = Object.keys(this);\n\n    for (let i = 0, length = keys.length; i < length; i++) {\n      const key = keys[i];\n      let val = this[key];\n\n      if (!skipArrays && Array.isArray(val)) {\n        val = val.slice();\n      }\n\n      state[key] = val;\n    }\n\n    return state;\n  }\n\n  _isDigit = function isDigit(code) {\n    return code >= 48 && code <= 57;\n  };\n\n  const VALID_REGEX_FLAGS = new Set(['g', 'm', 's', 'i', 'y', 'u']);\n  const forbiddenNumericSeparatorSiblings = {\n    decBinOct: [46, 66, 69, 79, 95, 98, 101, 111],\n    hex: [46, 88, 95, 120]\n  };\n  const allowedNumericSeparatorSiblings = {\n    };\n  allowedNumericSeparatorSiblings.bin = [48, 49];\n  allowedNumericSeparatorSiblings.oct = [...allowedNumericSeparatorSiblings.bin, 50, 51, 52, 53, 54, 55];\n  allowedNumericSeparatorSiblings.dec =

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[...allowedNumericSeparatorSiblings.oct, 56, 57];\nallowedNumericSeparatorSiblings.hex =
[...allowedNumericSeparatorSiblings.dec, 65, 66, 67, 68, 69, 70, 97, 98, 99, 100, 101, 102];\n\nclass Token {\n
  constructor(state) {\n    this.type = state.type;\n    this.value = state.value;\n    this.start = state.start;\n    this.end =
state.end;\n    this.loc = new SourceLocation(state.startLoc, state.endLoc);\n  }\n}\n\nclass Tokenizer extends
ParserError {\n  constructor(options, input) {\n    super();\n    this.isLookahead = void 0;\n    this.tokens = [];\n
this.state = new State();\n    this.state.init(options);\n    this.input = input;\n    this.length = input.length;\n
this.isLookahead = false;\n  }\n\n  pushToken(token) {\n    this.tokens.length = this.state.tokensLength;\n
this.tokens.push(token);\n    ++this.state.tokensLength;\n  }\n\n  next() {\n    if (!this.isLookahead) {\n
this.checkKeywordEscapes();\n    if (this.options.tokens) {\n      this.pushToken(new Token(this.state));\n    }\n
  }\n\n  this.state.lastTokEnd = this.state.end;\n  this.state.lastTokStart = this.state.start;\n
this.state.lastTokEndLoc = this.state.endLoc;\n  this.state.lastTokStartLoc = this.state.startLoc;\n
this.nextToken();\n  }\n\n  eat(type) {\n    if (this.match(type)) {\n      this.next();\n      return true;\n    } else {\n
return false;\n    }\n  }\n\n  match(type) {\n    return this.state.type === type;\n  }\n\n  lookahead() {\n    const old =
this.state;\n    this.state = old.clone(true);\n    this.isLookahead = true;\n    this.next();\n    this.isLookahead = false;\n
const curr = this.state;\n    this.state = old;\n    return curr;\n  }\n\n  nextTokenStart() {\n    return
this.nextTokenStartSince(this.state.pos);\n  }\n\n  nextTokenStartSince(pos) {\n    skipWhiteSpace.lastIndex =
pos;\n    const skip = skipWhiteSpace.exec(this.input);\n    return pos + skip[0].length;\n  }\n\n  lookaheadCharCode() {\n
return this.input.charCodeAt(this.nextTokenStart());\n  }\n\n  codePointAtPos(pos) {\n
let cp = this.input.charCodeAt(pos);\n    if ((cp & 0xfc00) === 0xd800 && ++pos < this.input.length) {\n      const
trail = this.input.charCodeAt(pos);\n      if ((trail & 0xfc00) === 0xdc00) {\n        cp = 0x10000 + ((cp & 0x3ff) <<
10) + (trail & 0x3ff);\n      }\n    }\n    return cp;\n  }\n\n  setStrict(strict) {\n    this.state.strict = strict;\n    if
(strict) {\n      this.state.strictErrors.forEach((message, pos) => this.raise(pos, message));\n
this.state.strictErrors.clear();\n    }\n  }\n\n  curContext() {\n    return this.state.context[this.state.context.length -
1];\n  }\n\n  nextToken() {\n    const curContext = this.curContext();\n    if (!(curContext != null &&
curContext.preserveSpace)) this.skipSpace();\n    this.state.start = this.state.pos;\n    this.state.startLoc =
this.state.curPosition();\n    if (this.state.pos >= this.length) {\n      this.finishToken(types.$1.eof);\n      return;\n
}\n\n    const override = curContext == null ? void 0 : curContext.override;\n    if (override) {\n
override(this);\n    } else {\n      this.getTokenFromCode(this.codePointAtPos(this.state.pos));\n    }\n  }\n\n  pushComment(block, text, start, end, startLoc, endLoc) {\n    const comment = {\n      type: block ?
\"CommentBlock\" : \"CommentLine\", \n      value: text, \n      start: start, \n      end: end, \n      loc: new
SourceLocation(startLoc, endLoc)\n    }; \n    if (this.options.tokens) this.pushToken(comment);\n
this.state.comments.push(comment);\n    this.addComment(comment);\n  }\n\n  skipBlockComment() {\n    const
startLoc = this.state.curPosition();\n    const start = this.state.pos;\n    const end = this.input.indexOf(\"*\n\",
this.state.pos + 2);\n    if (end === -1) throw this.raise(start, ErrorMessages.UnterminatedComment);\n
this.state.pos = end + 2;\n    lineBreakG.lastIndex = start;\n    let match;\n    while ((match =
lineBreakG.exec(this.input)) && match.index < this.state.pos) {\n      ++this.state.curLine;\n      this.state.lineStart =
match.index + match[0].length;\n    }\n    if (this.isLookahead) return;\n    this.pushComment(true,
this.input.slice(start + 2, end), start, this.state.pos, startLoc, this.state.curPosition());\n  }\n\n  skipLineComment(startSkip) {\n    const start = this.state.pos;\n    const startLoc = this.state.curPosition();\n    let ch
= this.input.charCodeAt(this.state.pos += startSkip);\n    if (this.state.pos < this.length) {\n      while
(!isNewLine(ch) && ++this.state.pos < this.length) {\n        ch = this.input.charCodeAt(this.state.pos);\n      }\n
}\n    if (this.isLookahead) return;\n    this.pushComment(false, this.input.slice(start + startSkip, this.state.pos),
start, this.state.pos, startLoc, this.state.curPosition());\n  }\n\n  skipSpace() {\n    loop: while (this.state.pos <
this.length) {\n      const ch = this.input.charCodeAt(this.state.pos);\n      switch (ch) {\n        case 32:\n          case
160:\n          case 9:\n            ++this.state.pos;\n            break;\n          case 13:\n            if
(this.input.charCodeAt(this.state.pos + 1) === 10) {\n              ++this.state.pos;\n            }\n          case 10:\n          case
8232:\n          case 8233:\n            ++this.state.pos;\n            ++this.state.curLine;\n            this.state.lineStart =
this.state.pos;\n            break;\n          case 47:\n            switch (this.input.charCodeAt(this.state.pos + 1)) {\n

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case 42:\n        this.skipBlockComment();\n        break;\n\n        case 47:\nthis.skipLineComment(2);\n        break;\n\n        default:\n        break loop;\n    }\n\n    break;\n\n    default:\n        if (isWhitespace(ch)) {\n            ++this.state.pos;\n        } else {\n            break loop;\n        }\n    }\n}\n\nfinishToken(type, val) {\n    this.state.end = this.state.pos;\n    this.state.endLoc =
this.state.curPosition();\n    const prevType = this.state.type;\n    this.state.type = type;\n    this.state.value = val;\n    if (!this.isLookahead) this.updateContext(prevType);\n}\n\nreadToken_numberSign() {\n    if (this.state.pos ===
0 && this.readToken_interpreter()) {\n        return;\n    }\n\n    const nextPos = this.state.pos + 1;\n    const next =
this.codePointAtPos(nextPos);\n\n    if (next >= 48 && next <= 57) {\n        throw this.raise(this.state.pos,
ErrorMessages.UnexpectedDigitAfterHash);\n    }\n\n    if (next === 123 || next === 91 &&
this.hasPlugin(\"recordAndTuple\")) {\n        this.expectPlugin(\"recordAndTuple\");\n        if
(this.getPluginOption(\"recordAndTuple\", \"syntaxType\") !== \"hash\") {\n            throw this.raise(this.state.pos, next
=== 123 ? ErrorMessages.RecordExpressionHashIncorrectStartSyntaxType :
ErrorMessages.TupleExpressionHashIncorrectStartSyntaxType);\n        }\n\n        if (next === 123) {\n
this.finishToken(types$1.braceHashL);\n        } else {\n            this.finishToken(types$1.bracketHashL);\n        }\n\n
this.state.pos += 2;\n    } else if (isIdentifierStart(next)) {\n        ++this.state.pos;\n        this.finishToken(types$1.privateName, this.readWord1(next));\n    } else if (next === 92) {\n        ++this.state.pos;\n        this.finishToken(types$1.privateName, this.readWord1());\n    } else {\n        this.finishOp(types$1.hash, 1);\n    }\n}\n\nreadToken_dot() {\n    const next = this.input.charCodeAt(this.state.pos + 1);\n    if (next >= 48 && next <=
57) {\n        this.readNumber(true);\n        return;\n    }\n\n    if (next === 46 && this.input.charCodeAt(this.state.pos +
2) === 46) {\n        this.state.pos += 3;\n        this.finishToken(types$1.ellipsis);\n    } else {\n        ++this.state.pos;\n        this.finishToken(types$1.dot);\n    }\n}\n\nreadToken_slash() {\n    if (this.state.exprAllowed &&
!this.state.inType) {\n        ++this.state.pos;\n        this.readRegexp();\n        return;\n    }\n\n    const next =
this.input.charCodeAt(this.state.pos + 1);\n\n    if (next === 61) {\n        this.finishOp(types$1.assign, 2);\n    } else
{\n        this.finishOp(types$1.slash, 1);\n    }\n}\n\nreadToken_interpreter() {\n    if (this.state.pos !== 0 ||
this.length < 2) return false;\n    let ch = this.input.charCodeAt(this.state.pos + 1);\n    if (ch !== 33) return false;\n    const start = this.state.pos;\n    this.state.pos += 1;\n\n    while (!isNewLine(ch) && ++this.state.pos < this.length)
{\n        ch = this.input.charCodeAt(this.state.pos);\n    }\n\n    const value = this.input.slice(start + 2, this.state.pos);\n    this.finishToken(types$1.interpreterDirective, value);\n    return true;\n}\n\nreadToken_mult_modulo(code) {\n
let type = code === 42 ? types$1.star : types$1.modulo;\n    let width = 1;\n    let next =
this.input.charCodeAt(this.state.pos + 1);\n    const exprAllowed = this.state.exprAllowed;\n\n    if (code === 42
&& next === 42) {\n        width++;\n        next = this.input.charCodeAt(this.state.pos + 2);\n        type =
types$1.exponent;\n    }\n\n    if (next === 61 && !exprAllowed) {\n        width++;\n        type = types$1.assign;\n    }\n\n    this.finishOp(type, width);\n}\n\nreadToken_pipe_amp(code) {\n    const next =
this.input.charCodeAt(this.state.pos + 1);\n\n    if (next === code) {\n        if (this.input.charCodeAt(this.state.pos +
2) === 61) {\n            this.finishOp(types$1.assign, 3);\n        } else {\n            this.finishOp(code === 124 ?
types$1.logicalOR : types$1.logicalAND, 2);\n        }\n    }\n\n    return;\n}\n\nif (code === 124) {\n    if (next ===
62) {\n        this.finishOp(types$1.pipeline, 2);\n        return;\n    }\n\n    if (this.hasPlugin(\"recordAndTuple\")
&& next === 125) {\n        if (this.getPluginOption(\"recordAndTuple\", \"syntaxType\") !== \"bar\") {\n            throw this.raise(this.state.pos, ErrorMessages.RecordExpressionBarIncorrectEndSyntaxType);\n        }\n\n        this.finishOp(types$1.braceBarR, 2);\n        return;\n    }\n\n    if (this.hasPlugin(\"recordAndTuple\") && next
=== 93) {\n        if (this.getPluginOption(\"recordAndTuple\", \"syntaxType\") !== \"bar\") {\n            throw
this.raise(this.state.pos, ErrorMessages.TupleExpressionBarIncorrectEndSyntaxType);\n        }\n\n        this.finishOp(types$1.bracketBarR, 2);\n        return;\n    }\n}\n\nif (next === 61) {\n
this.finishOp(types$1.assign, 2);\n    return;\n}\n\nthis.finishOp(code === 124 ? types$1.bitwiseOR :
types$1.bitwiseAND, 1);\n}\n\nreadToken_caret() {\n    const next = this.input.charCodeAt(this.state.pos +
1);\n\n    if (next === 61) {\n        this.finishOp(types$1.assign, 2);\n    } else {\n        this.finishOp(types$1.bitwiseXOR, 1);\n    }\n}\n\nreadToken_plus_min(code) {\n    const next =
this.input.charCodeAt(this.state.pos + 1);\n\n    if (next === code) {\n        if (next === 45 && !this.inModule &&

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this.input.charCodeAt(this.state.pos + 2) === 62 && (this.state.lastTokEnd === 0 || this.hasPrecedingLineBreak()))
{\n  this.skipLineComment(3);\n  this.skipSpace();\n  this.nextToken();\n  return;\n }\n\nthis.finishOp(types$1.incDec, 2);\n return;\n }\n\n if (next === 61) {\n  this.finishOp(types$1.assign, 2);\n } else {\n  this.finishOp(types$1.plusMin, 1);\n }\n }\n\n readToken_lt_gt(code) {\n  const next =
this.input.charCodeAt(this.state.pos + 1);\n  let size = 1;\n\n  if (next === code) {\n    size = code === 62 &&
this.input.charCodeAt(this.state.pos + 2) === 62 ? 3 : 2;\n\n    if (this.input.charCodeAt(this.state.pos + size) ===
61) {\n      this.finishOp(types$1.assign, size + 1);\n      return;\n    }\n\n    this.finishOp(types$1.bitShift,
size);\n    return;\n  }\n\n  if (next === 33 && code === 60 && !this.inModule &&
this.input.charCodeAt(this.state.pos + 2) === 45 && this.input.charCodeAt(this.state.pos + 3) === 45) {\n
this.skipLineComment(4);\n  this.skipSpace();\n  this.nextToken();\n  return;\n }\n\n if (next === 61) {\n
  size = 2;\n  }\n\n  this.finishOp(types$1.relational, size);\n  }\n\n  readToken_eq_excl(code) {\n  const next =
this.input.charCodeAt(this.state.pos + 1);\n\n  if (next === 61) {\n    this.finishOp(types$1.equality,
this.input.charCodeAt(this.state.pos + 2) === 61 ? 3 : 2);\n    return;\n  }\n\n  if (code === 61 && next === 62)
{\n    this.state.pos += 2;\n    this.finishToken(types$1.arrow);\n    return;\n  }\n\n  this.finishOp(code === 61
? types$1.eq : types$1.bang, 1);\n  }\n\n  readToken_question() {\n  const next =
this.input.charCodeAt(this.state.pos + 1);\n  const next2 = this.input.charCodeAt(this.state.pos + 2);\n\n  if (next
=== 63) {\n    if (next2 === 61) {\n      this.finishOp(types$1.assign, 3);\n    } else {\n
this.finishOp(types$1.nullishCoalescing, 2);\n    }\n  } else if (next === 46 && !(next2 >= 48 && next2 <= 57))
{\n    this.state.pos += 2;\n    this.finishToken(types$1.questionDot);\n  } else {\n    ++this.state.pos;\n
this.finishToken(types$1.question);\n  }\n  }\n\n  getTokenFromCode(code) {\n  switch (code) {\n    case 46:\n
this.readToken_dot();\n    return;\n\n    case 40:\n      ++this.state.pos;\n
this.finishToken(types$1.parenL);\n      return;\n\n    case 41:\n      ++this.state.pos;\n
this.finishToken(types$1.parenR);\n      return;\n\n    case 59:\n      ++this.state.pos;\n
this.finishToken(types$1.semi);\n      return;\n\n    case 44:\n      ++this.state.pos;\n
this.finishToken(types$1.comma);\n      return;\n\n    case 91:\n      if (this.hasPlugin(\"recordAndTuple\") &&
this.input.charCodeAt(this.state.pos + 1) === 124) {\n        if (this.getPluginOption(\"recordAndTuple\",
\"syntaxType\") !== \"bar\") {\n          throw this.raise(this.state.pos,
ErrorMessages.TupleExpressionBarIncorrectStartSyntaxType);\n        }\n\n        this.finishToken(types$1.bracketBarL);\n        this.state.pos += 2;\n      } else {\n        ++this.state.pos;\n
this.finishToken(types$1.bracketL);\n      }\n\n      return;\n\n    case 93:\n      ++this.state.pos;\n
this.finishToken(types$1.bracketR);\n      return;\n\n    case 123:\n      if (this.hasPlugin(\"recordAndTuple\") &&
this.input.charCodeAt(this.state.pos + 1) === 124) {\n        if (this.getPluginOption(\"recordAndTuple\",
\"syntaxType\") !== \"bar\") {\n          throw this.raise(this.state.pos,
ErrorMessages.RecordExpressionBarIncorrectStartSyntaxType);\n        }\n\n        this.finishToken(types$1.braceBarL);\n        this.state.pos += 2;\n      } else {\n        ++this.state.pos;\n
this.finishToken(types$1.braceL);\n      }\n\n      return;\n\n    case 125:\n      ++this.state.pos;\n
this.finishToken(types$1.braceR);\n      return;\n\n    case 58:\n      if (this.hasPlugin(\"functionBind\") &&
this.input.charCodeAt(this.state.pos + 1) === 58) {\n        this.finishOp(types$1.doubleColon, 2);\n      } else {\n
++this.state.pos;\n        this.finishToken(types$1.colon);\n      }\n\n      return;\n\n    case 63:\n      this.readToken_question();\n      return;\n\n    case 96:\n      ++this.state.pos;\n
this.finishToken(types$1.backQuote);\n      return;\n\n    case 48:\n      {\n        const next =
this.input.charCodeAt(this.state.pos + 1);\n\n        if (next === 120 || next === 88) {\n
this.readRadixNumber(16);\n          return;\n        }\n\n        if (next === 111 || next === 79) {\n
this.readRadixNumber(8);\n          return;\n        }\n\n        if (next === 98 || next === 66) {\n
this.readRadixNumber(2);\n          return;\n        }\n\n        }\n\n        case 49:\n        case 50:\n        case 51:\n        case
52:\n        case 53:\n        case 54:\n        case 55:\n        case 56:\n        case 57:\n        this.readNumber(false);\n      }\n\n      return;\n\n    case 34:\n        case 39:\n        this.readString(code);\n        return;\n\n    case 47:\n
this.readToken_slash();\n      return;\n\n    case 37:\n        case 42:\n        this.readToken_mult_modulo(code);\n

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return;\n\n case 124:\n case 38:\n this.readToken_pipe_amp(code);\n return;\n\n case 94:\n
this.readToken_caret();\n return;\n\n case 43:\n case 45:\n this.readToken_plus_min(code);\n
return;\n\n case 60:\n case 62:\n this.readToken_lt_gt(code);\n return;\n\n case 61:\n case 33:\n
this.readToken_eq_excl(code);\n return;\n\n case 126:\n this.finishOp(types$1.tilde, 1);\n
return;\n\n case 64:\n ++this.state.pos;\n this.finishToken(types$1.at);\n return;\n\n case 35:\n
this.readToken_numberSign();\n return;\n\n case 92:\n this.readWord();\n return;\n\n default:\n
if (isIdentifierStart(code)) {\n this.readWord(code);\n return;\n }\n\n throw
this.raise(this.state.pos, ErrorMessages.InvalidOrUnexpectedToken, String.fromCodePoint(code));\n }\n\n
finishOp(type, size) {\n const str = this.input.slice(this.state.pos, this.state.pos + size);\n this.state.pos += size;\n
this.finishToken(type, str);\n }\n\n readRegex() {\n const start = this.state.pos;\n let escaped, inClass;\n\n for
(;;) {\n if (this.state.pos >= this.length) {\n throw this.raise(start, ErrorMessages.UnterminatedRegExp);\n
}\n\n const ch = this.input.charAt(this.state.pos);\n\n if (lineBreak.test(ch)) {\n throw this.raise(start,
ErrorMessages.UnterminatedRegExp);\n }\n\n if (escaped) {\n escaped = false;\n } else {\n if (ch
=== "[" ) {\n inClass = true;\n } else if (ch === "]" && inClass) {\n inClass = false;\n } else if
(ch === "\"" && !inClass) {\n break;\n }\n\n escaped = ch === "\\\\"";\n }\n\n
++this.state.pos;\n }\n\n const content = this.input.slice(start, this.state.pos);\n ++this.state.pos;\n let mods =
"";\n\n while (this.state.pos < this.length) {\n const char = this.input[this.state.pos];\n const charCode =
this.codePointAtPos(this.state.pos);\n\n if (VALID_REGEX_FLAGS.has(char)) {\n if (mods.indexOf(char)
> -1) {\n this.raise(this.state.pos + 1, ErrorMessages.DuplicateRegExpFlags);\n }\n } else if
(isIdentifierChar(charCode) || charCode === 92) {\n this.raise(this.state.pos + 1,
ErrorMessages.MalformedRegExpFlags);\n } else {\n break;\n }\n\n ++this.state.pos;\n mods +=
char;\n }\n\n this.finishToken(types$1.regexp, {\n pattern: content,\n flags: mods\n });\n }\n\n
readInt(radix, len, forceLen, allowNumSeparator = true) {\n const start = this.state.pos;\n const
forbiddenSiblings = radix === 16 ? forbiddenNumericSeparatorSiblings.hex :
forbiddenNumericSeparatorSiblings.decBinOct;\n const allowedSiblings = radix === 16 ?
allowedNumericSeparatorSiblings.hex : radix === 10 ? allowedNumericSeparatorSiblings.dec : radix === 8 ?
allowedNumericSeparatorSiblings.oct : allowedNumericSeparatorSiblings.bin;\n let invalid = false;\n let total =
0;\n\n for (let i = 0, e = len == null ? Infinity : len; i < e; ++i) {\n const code =
this.input.charCodeAtAt(this.state.pos);\n let val;\n\n if (code === 95) {\n const prev =
this.input.charCodeAtAt(this.state.pos - 1);\n const next = this.input.charCodeAtAt(this.state.pos + 1);\n\n if
(allowedSiblings.indexOf(next) === -1) {\n this.raise(this.state.pos,
ErrorMessages.UnexpectedNumericSeparator);\n } else if (forbiddenSiblings.indexOf(prev) > -1 ||
forbiddenSiblings.indexOf(next) > -1 || Number.isNaN(next)) {\n this.raise(this.state.pos,
ErrorMessages.UnexpectedNumericSeparator);\n }\n\n if (!allowNumSeparator) {\n
this.raise(this.state.pos, ErrorMessages.NumericSeparatorInEscapeSequence);\n }\n\n ++this.state.pos;\n
continue;\n }\n\n if (code >= 97) {\n val = code - 97 + 10;\n } else if (code >= 65) {\n val = code
- 65 + 10;\n } else if (_isDigit(code)) {\n val = code - 48;\n } else {\n val = Infinity;\n }\n\n if
(val >= radix) {\n if (this.options.errorRecovery && val <= 9) {\n val = 0;\n this.raise(this.state.start
+ i + 2, ErrorMessages.InvalidDigit, radix);\n } else if (forceLen) {\n val = 0;\n invalid = true;\n
}\n } else {\n break;\n }\n }\n\n ++this.state.pos;\n total = total * radix + val;\n }\n\n if
(this.state.pos === start || len != null && this.state.pos - start !== len || invalid) {\n return null;\n }\n\n
return total;\n }\n\n readRadixNumber(radix) {\n const start = this.state.pos;\n let isBigInt = false;\n this.state.pos
+= 2;\n const val = this.readInt(radix);\n\n if (val == null) {\n this.raise(this.state.start + 2,
ErrorMessages.InvalidDigit, radix);\n }\n\n const next = this.input.charCodeAtAt(this.state.pos);\n\n if (next ===
110) {\n ++this.state.pos;\n isBigInt = true;\n } else if (next === 109) {\n throw this.raise(start,
ErrorMessages.InvalidDecimal);\n }\n\n if (isIdentifierStart(this.codePointAtPos(this.state.pos))) {\n throw
this.raise(this.state.pos, ErrorMessages.NumberIdentifier);\n }\n\n if (isBigInt) {\n const str =
this.input.slice(start, this.state.pos).replace(/[_n]/g, "\\");\n this.finishToken(types$1.bigint, str);\n return;\n

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}\n\n this.finishToken(types$1.num, val);\n }\n\n readNumber(startsWithDot) {\n  const start = this.state.pos;\n  let isFloat = false;\n  let isBigInt = false;\n  let isDecimal = false;\n  let hasExponent = false;\n  let isOctal = false;\n\n  if (!startsWithDot && this.readInt(10) === null) {\n    this.raise(start, ErrorMessages.InvalidNumber);\n  }\n\n  const hasLeadingZero = this.state.pos - start >= 2 && this.input.charCodeAtAt(start) === 48;\n\n  if (hasLeadingZero) {\n    const integer = this.input.slice(start, this.state.pos);\n    this.recordStrictModeErrors(start, ErrorMessages.StrictOctalLiteral);\n\n    if (!this.state.strict) {\n      const underscorePos = integer.indexOf("_");\n      if (underscorePos > 0) {\n        this.raise(underscorePos + start, ErrorMessages.ZeroDigitNumericSeparator);\n      }\n    }\n\n    isOctal = hasLeadingZero && /[89]/.test(integer);\n  }\n\n  let next = this.input.charCodeAtAt(this.state.pos);\n\n  if (next === 46 && !isOctal) {\n    ++this.state.pos;\n    this.readInt(10);\n    isFloat = true;\n    next = this.input.charCodeAtAt(this.state.pos);\n  }\n\n  if ((next === 69 || next === 101) && !isOctal) {\n    next = this.input.charCodeAtAt(++this.state.pos);\n\n    if (next === 43 || next === 45) {\n      ++this.state.pos;\n    }\n\n    if (this.readInt(10) === null) {\n      this.raise(start, ErrorMessages.InvalidOrMissingExponent);\n    }\n\n    isFloat = true;\n    hasExponent = true;\n    next = this.input.charCodeAtAt(this.state.pos);\n  }\n\n  if (next === 110) {\n    if (isFloat || hasLeadingZero) {\n      this.raise(start, ErrorMessages.InvalidBigIntLiteral);\n    }\n\n    ++this.state.pos;\n    isBigInt = true;\n  }\n\n  if (next === 109) {\n    this.expectPlugin("decimal", this.state.pos);\n\n    if (hasExponent || hasLeadingZero) {\n      this.raise(start, ErrorMessages.InvalidDecimal);\n    }\n\n    ++this.state.pos;\n    isDecimal = true;\n  }\n\n  if (isIdentifierStart(this.codePointAtPos(this.state.pos))) {\n    throw this.raise(this.state.pos, ErrorMessages.NumberIdentifier);\n  }\n\n  const str = this.input.slice(start, this.state.pos).replace(/[_mn]/g, "\\");\n\n  if (isBigInt) {\n    this.finishToken(types$1.bigint, str);\n    return;\n  }\n\n  if (isDecimal) {\n    this.finishToken(types$1.decimal, str);\n    return;\n  }\n\n  const val = isOctal ? parseInt(str, 8) : parseFloat(str);\n  this.finishToken(types$1.num, val);\n }\n\n readCodePoint(throwOnInvalid) {\n  const ch = this.input.charCodeAtAt(this.state.pos);\n  let code;\n\n  if (ch === 123) {\n    const codePos = ++this.state.pos;\n    code = this.readHexChar(this.input.indexOf("}", this.state.pos) - this.state.pos, true, throwOnInvalid);\n    ++this.state.pos;\n\n    if (code !== null && code > 0x10ffff) {\n      if (throwOnInvalid) {\n        this.raise(codePos, ErrorMessages.InvalidCodePoint);\n      } else {\n        return null;\n      }\n    } else {\n      code = this.readHexChar(4, false, throwOnInvalid);\n    }\n\n    return code;\n  }\n\n  readString(quote) {\n    let out = "",\n        chunkStart = ++this.state.pos;\n\n    for (;;) {\n      if (this.state.pos >= this.length) {\n        throw this.raise(this.state.start, ErrorMessages.UnterminatedString);\n      }\n\n      const ch = this.input.charCodeAtAt(this.state.pos);\n\n      if (ch === quote) break;\n\n      if (ch === 92) {\n        out += this.input.slice(chunkStart, this.state.pos);\n        out += this.readEscapedChar(false);\n        chunkStart = this.state.pos;\n      } else if (ch === 8232 || ch === 8233) {\n        ++this.state.pos;\n        ++this.state.curLine;\n        this.state.lineStart = this.state.pos;\n      } else if (isNewLine(ch)) {\n        throw this.raise(this.state.start, ErrorMessages.UnterminatedString);\n      } else {\n        ++this.state.pos;\n      }\n    }\n\n    out += this.input.slice(chunkStart, this.state.pos++);\n    this.finishToken(types$1.string, out);\n  }\n\n  readTplToken() {\n    let out = "",\n        chunkStart = this.state.pos,\n        containsInvalid = false;\n\n    for (;;) {\n      if (this.state.pos >= this.length) {\n        throw this.raise(this.state.start, ErrorMessages.UnterminatedTemplate);\n      }\n\n      const ch = this.input.charCodeAtAt(this.state.pos);\n\n      if (ch === 96 || ch === 36 && this.input.charCodeAtAt(this.state.pos + 1) === 123) {\n        if (this.state.pos === this.state.start && this.match(types$1.template)) {\n          if (ch === 36) {\n            this.state.pos += 2;\n            this.finishToken(types$1.dollarBraceL);\n            return;\n          } else {\n            ++this.state.pos;\n            this.finishToken(types$1.backQuote);\n            return;\n          }\n        }\n\n        out += this.input.slice(chunkStart, this.state.pos);\n        this.finishToken(types$1.template, containsInvalid ? null : out);\n        return;\n      }\n\n      if (ch === 92) {\n        out += this.input.slice(chunkStart, this.state.pos);\n        const escaped = this.readEscapedChar(true);\n\n        if (escaped === null) {\n          containsInvalid = true;\n        } else {\n          out += escaped;\n        }\n\n        chunkStart = this.state.pos;\n      } else if (isNewLine(ch)) {\n        out += this.input.slice(chunkStart, this.state.pos);\n        ++this.state.pos;\n\n        switch (ch) {\n          case 13:\n            if

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(this.input.charCodeAt(this.state.pos) === 10) {\n      ++this.state.pos;\n    }\n\n    case 10:\n      out\n      += "\\n";\n      break;\n\n    default:\n      out += String.fromCharCode(ch);\n      break;\n    }\n\n    ++this.state.curLine;\n    this.state.lineStart = this.state.pos;\n    chunkStart = this.state.pos;\n  } else {\n    ++this.state.pos;\n  }\n}\n\nrecordStrictModeErrors(pos, message) {\n  if (this.state.strict &&\n    !this.state.strictErrors.has(pos)) {\n    this.raise(pos, message);\n  } else {\n    this.state.strictErrors.set(pos,\n    message);\n  }\n}\n\nreadEscapedChar(inTemplate) {\n  const throwOnInvalid = !inTemplate;\n  const ch =\n  this.input.charCodeAt(++this.state.pos);\n  ++this.state.pos;\n\n  switch (ch) {\n    case 110:\n      return\n      "\\n";\n\n    case 114:\n      return "\\r";\n\n    case 120:\n      {\n        const code = this.readHexChar(2, false,\n        throwOnInvalid);\n        return code === null ? null : String.fromCharCode(code);\n      }\n\n    case 117:\n      {\n        const code = this.readCodePoint(throwOnInvalid);\n        return code === null ? null :\n        String.fromCodePoint(code);\n      }\n\n    case 116:\n      return "\\t";\n\n    case 98:\n      return "\\b";\n\n    case 118:\n      return "\\u000b";\n\n    case 102:\n      return "\\f";\n\n    case 13:\n      if\n      (this.input.charCodeAt(this.state.pos) === 10) {\n        ++this.state.pos;\n      }\n\n      case 10:\n        this.state.lineStart = this.state.pos;\n        ++this.state.curLine;\n\n      case 8232:\n      case 8233:\n        return\n        "\\u";\n\n      case 56:\n      case 57:\n        if (inTemplate) {\n          return null;\n        } else {\n          this.recordStrictModeErrors(this.state.pos - 1, ErrorMessages.StrictNumericEscape);\n        }\n\n      default:\n        if\n        (ch >= 48 && ch <= 55) {\n          const codePos = this.state.pos - 1;\n          const match =\n          this.input.substr(this.state.pos - 1, 3).match(/[0-7]+/);\n          let octalStr = match[0];\n          let octal =\n          parseInt(octalStr, 8);\n\n          if (octal > 255) {\n            octalStr = octalStr.slice(0, -1);\n            octal =\n            parseInt(octalStr, 8);\n          }\n\n          this.state.pos += octalStr.length - 1;\n          const next =\n          this.input.charCodeAt(this.state.pos);\n\n          if (octalStr !== "0" || next === 56 || next === 57) {\n            if\n            (inTemplate) {\n              return null;\n            } else {\n              this.recordStrictModeErrors(codePos,\n              ErrorMessages.StrictNumericEscape);\n            }\n\n            return String.fromCharCode(octal);\n          }\n\n          return String.fromCharCode(ch);\n        }\n      }\n\n    readHexChar(len, forceLen, throwOnInvalid) {\n      const\n      codePos = this.state.pos;\n      const n = this.readInt(16, len, forceLen, false);\n\n      if (n === null) {\n        if\n        (throwOnInvalid) {\n          this.raise(codePos, ErrorMessages.InvalidEscapeSequence);\n        } else {\n          this.state.pos = codePos - 1;\n        }\n      }\n\n      return n;\n    }\n\n    readWord1(firstCode) {\n      this.state.containsEsc =\n      false;\n      let word = "";\n      const start = this.state.pos;\n      let chunkStart = this.state.pos;\n\n      if (firstCode !==\n      undefined) {\n        this.state.pos += firstCode <= 0xffff ? 1 : 2;\n      }\n\n      while (this.state.pos < this.length) {\n        const ch = this.codePointAtPos(this.state.pos);\n\n        if (isIdentifierChar(ch)) {\n          this.state.pos += ch <= 0xffff\n          ? 1 : 2;\n        } else if (ch === 92) {\n          this.state.containsEsc = true;\n          word += this.input.slice(chunkStart,\n          this.state.pos);\n          const escStart = this.state.pos;\n          const identifierCheck = this.state.pos === start ?\n          isIdentifierStart : isIdentifierChar;\n\n          if (this.input.charCodeAt(++this.state.pos) !== 117) {\n            this.raise(this.state.pos, ErrorMessages.MissingUnicodeEscape);\n            chunkStart = this.state.pos - 1;\n            continue;\n          }\n\n          ++this.state.pos;\n          const esc = this.readCodePoint(true);\n\n          if (esc !== null) {\n            if\n            (!identifierCheck(esc)) {\n              this.raise(escStart, ErrorMessages.EscapedCharNotAnIdentifier);\n            }\n\n            word += String.fromCodePoint(esc);\n            chunkStart = this.state.pos;\n          } else {\n            break;\n          }\n        }\n      }\n\n      return word + this.input.slice(chunkStart, this.state.pos);\n    }\n\n    readWord(firstCode) {\n      const word = this.readWord1(firstCode);\n      const type = keywords$1.get(word) || types$1.name;\n      this.finishToken(type, word);\n    }\n\n    checkKeywordEscapes() {\n      const kw = this.state.type.keyword;\n\n      if\n      (kw && this.state.containsEsc) {\n        this.raise(this.state.start, ErrorMessages.InvalidEscapedReservedWord,\n        kw);\n      }\n    }\n\n    braceIsBlock(prevType) {\n      const parent = this.curContext();\n\n      if (parent ===\n      types.functionExpression || parent === types.functionStatement) {\n        return true;\n      }\n\n      if (prevType ===\n      types$1.colon && (parent === types.braceStatement || parent === types.braceExpression)) {\n        return\n        !parent.isExpr;\n      }\n\n      if (prevType === types$1._return || prevType === types$1.name &&\n        this.state.exprAllowed) {\n        return this.hasPrecedingLineBreak();\n      }\n\n      if (prevType === types$1._else ||\n        prevType === types$1.semi || prevType === types$1.eof || prevType === types$1.parenR ||\n        prevType ===\n        types$1.arrow) {\n        return true;\n      }\n\n      if (prevType === types$1.braceL) {\n        return parent ===

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types.braceStatement;\n  }\n\n  if (prevType === types$1._var || prevType === types$1._const || prevType ===
types$1.name) {\n    return false;\n  }\n\n  if (prevType === types$1.relational) {\n    return true;\n  }\n\n  return !this.state.exprAllowed;\n  }\n\n  updateContext(prevType) {\n    const type = this.state.type;\n    let
update;\n\n    if (type.keyword && (prevType === types$1.dot || prevType === types$1.questionDot)) {\n
this.state.exprAllowed = false;\n    } else if (update = type.updateContext) {\n    update.call(this, prevType);\n  }
else {\n    this.state.exprAllowed = type.beforeExpr;\n  }\n  }\n}\n\nclass ClassScope {\n  constructor() {\n
this.privateNames = new Set();\n  this.loneAccessors = new Map();\n  this.undefinedPrivateNames = new
Map();\n  }\n}\n\nclass ClassScopeHandler {\n  constructor(raise) {\n    this.stack = [];\n
this.undefinedPrivateNames = new Map();\n    this.raise = raise;\n  }\n\n  current() {\n    return
this.stack[this.stack.length - 1];\n  }\n\n  enter() {\n    this.stack.push(new ClassScope());\n  }\n\n  exit() {\n    const
oldClassScope = this.stack.pop();\n    const current = this.current();\n\n    for (const [name, pos] of
Array.from(oldClassScope.undefinedPrivateNames)) {\n    if (current) {\n    if
(!current.undefinedPrivateNames.has(name)) {\n      current.undefinedPrivateNames.set(name, pos);\n    }
} else {\n      this.raise(pos, ErrorMessages.InvalidPrivateFieldResolution, name);\n    }\n  }\n}\n\n
declarePrivateName(name, elementType, pos) {\n    const classScope = this.current();\n    let redefined =
classScope.privateNames.has(name);\n\n    if (elementType & CLASS_ELEMENT_KIND_ACCESSOR) {\n
const accessor = redefined && classScope.loneAccessors.get(name);\n    if (accessor) {\n      const oldStatic =
accessor & CLASS_ELEMENT_FLAG_STATIC;\n      const newStatic = elementType &
CLASS_ELEMENT_FLAG_STATIC;\n      const oldKind = accessor &
CLASS_ELEMENT_KIND_ACCESSOR;\n      const newKind = elementType &
CLASS_ELEMENT_KIND_ACCESSOR;\n      redefined = oldKind === newKind || oldStatic !== newStatic;\n
if (!redefined) classScope.loneAccessors.delete(name);\n    } else if (!redefined) {\n
classScope.loneAccessors.set(name, elementType);\n    }\n  }\n\n  if (redefined) {\n    this.raise(pos,
ErrorMessages.PrivateNameRedeclaration, name);\n  }\n\n  classScope.privateNames.add(name);\n
classScope.undefinedPrivateNames.delete(name);\n  }\n\n  usePrivateName(name, pos) {\n    let classScope;\n
for (classScope of this.stack) {\n    if (classScope.privateNames.has(name)) return;\n  }\n\n  if (classScope) {\n
classScope.undefinedPrivateNames.set(name, pos);\n  } else {\n    this.raise(pos,
ErrorMessages.InvalidPrivateFieldResolution, name);\n  }\n}\n}\n\nconst kExpression = 0,\n
kMaybeArrowParameterDeclaration = 1,\n  kMaybeAsyncArrowParameterDeclaration = 2,\n
kParameterDeclaration = 3;\n\nclass ExpressionScope {\n  constructor(type = kExpression) {\n    this.type = void
0;\n    this.type = type;\n  }\n\n  canBeArrowParameterDeclaration() {\n    return this.type ===
kMaybeArrowParameterDeclaration || this.type === kMaybeArrowParameterDeclaration;\n  }\n\n
isCertainlyParameterDeclaration() {\n    return this.type === kParameterDeclaration;\n  }\n}\n\nclass
ArrowHeadParsingScope extends ExpressionScope {\n  constructor(type) {\n    super(type);\n    this.errors = new
Map();\n  }\n\n  recordDeclarationError(pos, template) {\n    this.errors.set(pos, template);\n  }\n\n
clearDeclarationError(pos) {\n    this.errors.delete(pos);\n  }\n\n  iterateErrors(iterator) {\n
this.errors.forEach(iterator);\n  }\n}\n\nclass ExpressionScopeHandler {\n  constructor(raise) {\n    this.stack =
[new ExpressionScope();\n    this.raise = raise;\n  }\n\n  enter(scope) {\n    this.stack.push(scope);\n  }\n\n  exit()
{\n    this.stack.pop();\n  }\n\n  recordParameterInitializerError(pos, template) {\n    const {\n    stack\n  } = this;\n
let i = stack.length - 1;\n    let scope = stack[i];\n\n    while (!scope.isCertainlyParameterDeclaration()) {\n    if
(scope.canBeArrowParameterDeclaration()) {\n      scope.recordDeclarationError(pos, template);\n    } else {\n
return;\n    }\n\n    scope = stack[--i];\n  }\n\n  this.raise(pos, template);\n  }\n\n  recordParenthesizedIdentifierError(pos, template) {\n    const {\n    stack\n  } = this;\n    const scope =
stack[stack.length - 1];\n\n    if (scope.isCertainlyParameterDeclaration()) {\n      this.raise(pos, template);\n    } else
if (scope.canBeArrowParameterDeclaration()) {\n      scope.recordDeclarationError(pos, template);\n    } else {\n
return;\n    }\n  }\n\n  recordAsyncArrowParametersError(pos, template) {\n    const {\n    stack\n  } = this;\n    let
i = stack.length - 1;\n    let scope = stack[i];\n\n    while (scope.canBeArrowParameterDeclaration()) {\n    if
(scope.type === kMaybeAsyncArrowParameterDeclaration) {\n      scope.recordDeclarationError(pos, template);\n

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    }\n\n    scope = stack[--i];\n    }\n }\n\n validateAsPattern() {\n    const {\n        stack\n    } = this;\n    const\n    currentScope = stack[stack.length - 1];\n    if (!currentScope.canBeArrowParameterDeclaration()) return;\n    currentScope.iterateErrors((template, pos) => {\n        this.raise(pos, template);\n        let i = stack.length - 2;\n        let\n        scope = stack[i];\n\n        while (scope.canBeArrowParameterDeclaration()) {\n            scope.clearDeclarationError(pos);\n            scope = stack[--i];\n        }\n    });\n }\n\n}\n\nfunction\nnewParameterDeclarationScope() {\n    return new ExpressionScope(kParameterDeclaration);\n}\n\nfunction\nnewArrowHeadScope() {\n    return new\n    ArrowHeadParsingScope(kMaybeArrowParameterDeclaration);\n}\n\nfunction newAsyncArrowScope() {\n    return\n    new ArrowHeadParsingScope(kMaybeAsyncArrowParameterDeclaration);\n}\n\nfunction newExpressionScope() {\n    return new ExpressionScope();\n}\n\n\nclass UtilParser extends Tokenizer {\n    addExtra(node, key, val) {\n        if\n        (!node) return;\n        const extra = node.extra = node.extra || {};\n        extra[key] = val;\n    }\n\n    isRelational(op) {\n        return this.match(types$1.relational) && this.state.value === op;\n    }\n\n    expectRelational(op) {\n        if\n        (this.isRelational(op)) {\n            this.next();\n        } else {\n            this.unexpected(null, types$1.relational);\n        }\n    }\n\n    isContextual(name) {\n        return this.match(types$1.name) && this.state.value === name &&\n        !this.state.containsEsc;\n    }\n\n    isUnparsedContextual(nameStart, name) {\n        const nameEnd = nameStart +\n        name.length;\n        return this.input.slice(nameStart, nameEnd) === name && (nameEnd === this.input.length ||\n        !isIdentifierChar(this.input.charCodeAt(nameEnd)));\n    }\n\n    isLookaheadContextual(name) {\n        const next =\n        this.nextTokenStart();\n        return this.isUnparsedContextual(next, name);\n    }\n\n    eatContextual(name) {\n        return\n        this.isContextual(name) && this.eat(types$1.name);\n    }\n\n    expectContextual(name, template) {\n        if\n        (!this.eatContextual(name)) this.unexpected(null, template);\n    }\n\n    canInsertSemicolon() {\n        return\n        this.match(types$1.eof) || this.match(types$1.braceR) || this.hasPrecedingLineBreak();\n    }\n\n    hasPrecedingLineBreak() {\n        return lineBreak.test(this.input.slice(this.state.lastTokEnd, this.state.start));\n    }\n\n    hasFollowingLineBreak() {\n        return lineBreak.test(this.input.slice(this.state.end, this.nextTokenStart()));\n    }\n\n    isLineTerminator() {\n        return this.eat(types$1.semi) || this.canInsertSemicolon();\n    }\n\n    semicolon(allowAsi =\n    true) {\n        if (allowAsi ? this.isLineTerminator() : this.eat(types$1.semi)) return;\n        this.raise(this.state.lastTokEnd,\n        ErrorMessages.MissingSemicolon);\n    }\n\n    expect(type, pos) {\n        this.eat(type) || this.unexpected(pos, type);\n    }\n\n    assertNoSpace(message = \"Unexpected space.\") {\n        if (this.state.start > this.state.lastTokEnd) {\n            this.raise(this.state.lastTokEnd, {\n                code: ErrorCodes.SyntaxError,\n                reasonCode: \"UnexpectedSpace\", \n                template: message\n            });\n        }\n    }\n\n    unexpected(pos, messageOrType = {\n        code:\n        ErrorCodes.SyntaxError,\n        reasonCode: \"UnexpectedToken\", \n        template: \"Unexpected token\"\n    }) {\n        if\n        (messageOrType instanceof TokenType) {\n            messageOrType = {\n                code: ErrorCodes.SyntaxError,\n                reasonCode: \"UnexpectedToken\", \n                template: `Unexpected token, expected \"${messageOrType.label}\"`\n            };\n        }\n\n        throw this.raise(pos != null ? pos : this.state.start, messageOrType);\n    }\n\n    expectPlugin(name, pos)\n    {\n        if (!this.hasPlugin(name)) {\n            throw this.raiseWithData(pos != null ? pos : this.state.start, {\n                missingPlugin: [name]\n            }, `This experimental syntax requires enabling the parser plugin: '${name}'`);\n        }\n\n        return true;\n    }\n\n    expectOnePlugin(names, pos) {\n        if (!names.some(n => this.hasPlugin(n))) {\n            throw\n            this.raiseWithData(pos != null ? pos : this.state.start, {\n                missingPlugin: names\n            }, `This experimental\n            syntax requires enabling one of the following parser plugin(s):\n            ${names.join(\" \", \"\")}`);\n        }\n    }\n\n    tryParse(fn,\n    oldState = this.state.clone()) {\n        const abortSignal = {\n            node: null\n        };\n\n        try {\n            const node = fn((node\n            = null) => {\n                abortSignal.node = node;\n                throw abortSignal;\n            });\n\n            if (this.state.errors.length >\n            oldState.errors.length) {\n                const failState = this.state;\n                this.state = oldState;\n                this.state.tokensLength =\n                failState.tokensLength;\n                return {\n                    node,\n                    error: failState.errors[oldState.errors.length],\n                    thrown: false,\n                    aborted: false,\n                    failState\n                };\n            }\n\n            return {\n                node,\n                error: null,\n                thrown: false,\n                aborted: false,\n                failState: null\n            };\n        } catch (error) {\n            const failState =\n            this.state;\n            this.state = oldState;\n\n            if (error instanceof SyntaxError) {\n                return {\n                    node: null,\n                    error,\n                    thrown: true,\n                    aborted: false,\n                    failState\n                };\n            }\n\n            if (error === abortSignal)\n            {\n                return {\n                    node: abortSignal.node,\n                    error: null,\n                    thrown: false,\n                    aborted: true,\n                    failState\n                };\n            }\n\n            throw error;\n        }\n    }\n\n    checkExpressionErrors(refExpressionErrors, andThrow)

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{\n  if (!refExpressionErrors) return false;\n  const {\n    shorthandAssign,\n    doubleProto\n  } =
refExpressionErrors;\n  if (!andThrow) return shorthandAssign >= 0 || doubleProto >= 0;\n\n  if (shorthandAssign
>= 0) {\n    this.unexpected(shorthandAssign);\n  }\n\n  if (doubleProto >= 0) {\n    this.raise(doubleProto,
ErrorMessages.DuplicateProto);\n  }\n}\n\nisLiteralPropertyName() {\n  return this.match(types$1.name) ||
!!this.state.type.keyword || this.match(types$1.string) || this.match(types$1.num) || this.match(types$1.bigint) ||
this.match(types$1.decimal);\n}\n\nisPrivateName(node) {\n  return node.type === \"PrivateName\";\n}\n\ngetPrivateNameSV(node) {\n  return node.id.name;\n}\n\nhasPropertyAsPrivateName(node) {\n  return
(node.type === \"MemberExpression\" || node.type === \"OptionalMemberExpression\") &&
this.isPrivateName(node.property);\n}\n\nisOptionalChain(node) {\n  return node.type ===
\"OptionalMemberExpression\" || node.type === \"OptionalCallExpression\";\n}\n\nisObjectProperty(node) {\n
return node.type === \"ObjectProperty\";\n}\n\nisObjectMethod(node) {\n  return node.type ===
\"ObjectMethod\";\n}\n\ninitializeScopes(inModule = this.options.sourceType === \"module\") {\n  const
oldLabels = this.state.labels;\n  this.state.labels = [];\n  const oldExportedIdentifiers =
this.state.exportedIdentifiers;\n  this.state.exportedIdentifiers = [];\n  const oldInModule = this.inModule;\n
this.inModule = inModule;\n  const oldScope = this.scope;\n  const ScopeHandler = this.getScopeHandler();\n
this.scope = new ScopeHandler(this.raise.bind(this), this.inModule);\n  const oldProdParam = this.prodParam;\n
this.prodParam = new ProductionParameterHandler();\n  const oldClassScope = this.classScope;\n
this.classScope = new ClassScopeHandler(this.raise.bind(this));\n  const oldExpressionScope =
this.expressionScope;\n  this.expressionScope = new ExpressionScopeHandler(this.raise.bind(this));\n  return ()
=> {\n    this.state.labels = oldLabels;\n    this.state.exportedIdentifiers = oldExportedIdentifiers;\n
this.inModule = oldInModule;\n    this.scope = oldScope;\n    this.prodParam = oldProdParam;\n
this.classScope = oldClassScope;\n    this.expressionScope = oldExpressionScope;\n  };}\n\n
enterInitialScopes() {\n  let paramFlags = PARAM;\n\n  if (this.hasPlugin(\"topLevelAwait\") && this.inModule)
{\n    paramFlags |= PARAM_AWAIT;\n  }\n\n  this.scope.enter(SCOPE_PROGRAM);\n
this.prodParam.enter(paramFlags);\n}\n\n}\n\nclass ExpressionErrors {\n  constructor() {\n    this.shorthandAssign =
-1;\n    this.doubleProto = -1;\n  }\n\n}\n\nclass Node {\n  constructor(parser, pos, loc) {\n    this.type = void 0;\n
this.start = void 0;\n    this.end = void 0;\n    this.loc = void 0;\n    this.range = void 0;\n    this.leadingComments =
void 0;\n    this.trailingComments = void 0;\n    this.innerComments = void 0;\n    this.extra = void 0;\n    this.type =
\"\";\n    this.start = pos;\n    this.end = 0;\n    this.loc = new SourceLocation(loc);\n    if (parser != null &&
parser.options.ranges) this.range = [pos, 0];\n    if (parser != null && parser.filename) this.loc.filename =
parser.filename;\n  }\n\n  __clone() {\n    const newNode = new Node();\n    const keys = Object.keys(this);\n
for (let i = 0, length = keys.length; i < length; i++) {\n      const key = keys[i];\n      if (key !==
\"leadingComments\" && key !== \"trailingComments\" && key !== \"innerComments\") {\n        newNode[key] =
this[key];\n      }\n    }\n    return newNode;\n  }\n\n}\n\nclass NodeUtils extends UtilParser {\n  startNode() {\n
return new Node(this, this.state.start, this.state.startLoc);\n  }\n\n  startNodeAt(pos, loc) {\n    return new Node(this,
pos, loc);\n  }\n\n  startNodeAtNode(type) {\n    return this.startNodeAt(type.start, type.loc.start);\n  }\n\n
finishNode(node, type) {\n    return this.finishNodeAt(node, type, this.state.lastTokEnd, this.state.lastTokEndLoc);\n
  }\n\n  finishNodeAt(node, type, pos, loc) {\n    node.type = type;\n    node.end = pos;\n    node.loc.end = loc;\n
if (this.options.ranges) node.range[1] = pos;\n    this.processComment(node);\n    return node;\n  }\n\n  resetStartLocation(node, start, startLoc) {\n    node.start = start;\n    node.loc.start = startLoc;\n
if (this.options.ranges) node.range[0] = start;\n  }\n\n  resetEndLocation(node, end = this.state.lastTokEnd, endLoc =
this.state.lastTokEndLoc) {\n    node.end = end;\n    node.loc.end = endLoc;\n    if (this.options.ranges)
node.range[1] = end;\n  }\n\n  resetStartLocationFromNode(node, locationNode) {\n    this.resetStartLocation(node,
locationNode.start, locationNode.loc.start);\n  }\n\n}\n\nconst unwrapParenthesizedExpression = node => {\n  return
node.type === \"ParenthesizedExpression\" ? unwrapParenthesizedExpression(node.expression) : node;\n};\n\nclass
LValParser extends NodeUtils {\n  toAssignable(node, isLHS = false) {\n    var _node$extra, _node$extra3;\n
let parenthesized = undefined;\n    if (node.type === \"ParenthesizedExpression\" || (_node$extra = node.extra) !=
null && _node$extra.parenthesized) {\n      parenthesized = unwrapParenthesizedExpression(node);\n      if

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(isLHS) {\n    if (parenthesized.type === \"Identifier\") {\n
this.expressionScope.recordParenthesizedIdentifierError(node.start,
ErrorMessages.InvalidParenthesizedAssignment);\n    } else if (parenthesized.type !== \"MemberExpression\")
{\n    this.raise(node.start, ErrorMessages.InvalidParenthesizedAssignment);\n    }\n    } else {\n
this.raise(node.start, ErrorMessages.InvalidParenthesizedAssignment);\n    }\n    }\n    switch (node.type) {\n
case \"Identifier\":\n    case \"ObjectPattern\":\n    case \"ArrayPattern\":\n    case \"AssignmentPattern\":\n
break;\n    case \"ObjectExpression\":\n    node.type = \"ObjectPattern\";\n    for (let i = 0, length =
node.properties.length, last = length - 1; i < length; i++) {\n    var _node$extra2;\n    const prop =
node.properties[i];\n    const isLast = i === last;\n    this.toAssignableObjectExpressionProp(prop, isLast,
isLHS);\n    if (isLast && prop.type === \"RestElement\" && (_node$extra2 = node.extra) != null &&
_node$extra2.trailingComma) {\n    this.raiseRestNotLast(node.extra.trailingComma);\n    }\n    }\n    break;\n    case \"ObjectProperty\":\n    this.toAssignable(node.value, isLHS);\n    break;\n    case
\"SpreadElement\":\n    {\n    this.checkToRestConversion(node);\n    node.type = \"RestElement\";\n
const arg = node.argument;\n    this.toAssignable(arg, isLHS);\n    break;\n    }\n    case
\"ArrayExpression\":\n    node.type = \"ArrayPattern\";\n    this.toAssignableList(node.elements, (_node$extra3
= node.extra) == null ? void 0 : _node$extra3.trailingComma, isLHS);\n    break;\n    case
\"AssignmentExpression\":\n    if (node.operator !== \"=\") {\n    this.raise(node.left.end,
ErrorMessages.MissingEqInAssignment);\n    }\n    node.type = \"AssignmentPattern\";\n    delete
node.operator;\n    this.toAssignable(node.left, isLHS);\n    break;\n    case \"ParenthesizedExpression\":\n
this.toAssignable(parenthesized, isLHS);\n    break;\n    }\n    return node;\n    }\n    toAssignableObjectExpressionProp(prop, isLast, isLHS) {\n    if (prop.type === \"ObjectMethod\") {\n    const
error = prop.kind === \"get\" || prop.kind === \"set\" ? ErrorMessages.PatternHasAccessor :
ErrorMessages.PatternHasMethod;\n    this.raise(prop.key.start, error);\n    } else if (prop.type ===
\"SpreadElement\" && !isLast) {\n    this.raiseRestNotLast(prop.start);\n    } else {\n    this.toAssignable(prop,
isLHS);\n    }\n    }\n    toAssignableList(exprList, trailingCommaPos, isLHS) {\n    let end = exprList.length;\n
if (end) {\n    const last = exprList[end - 1];\n    if ((last == null ? void 0 : last.type) === \"RestElement\") {\n
--end;\n    } else if ((last == null ? void 0 : last.type) === \"SpreadElement\") {\n    last.type =
\"RestElement\";\n    let arg = last.argument;\n    this.toAssignable(arg, isLHS);\n    arg =
unwrapParenthesizedExpression(arg);\n    if (arg.type !== \"Identifier\" && arg.type !== \"MemberExpression\"
&& arg.type !== \"ArrayPattern\" && arg.type !== \"ObjectPattern\") {\n    this.unexpected(arg.start);\n
}\n    }\n    if (trailingCommaPos) {\n    this.raiseTrailingCommaAfterRest(trailingCommaPos);\n    }\n    -
-end;\n    }\n    }\n    for (let i = 0; i < end; i++) {\n    const elt = exprList[i];\n    if (elt) {\n
this.toAssignable(elt, isLHS);\n    if (elt.type === \"RestElement\") {\n    this.raiseRestNotLast(elt.start);\n
}\n    }\n    }\n    return exprList;\n    }\n    toReferencedList(exprList, isParenthesizedExpr) {\n    return
exprList;\n    }\n    toReferencedListDeep(exprList, isParenthesizedExpr) {\n    this.toReferencedList(exprList,
isParenthesizedExpr);\n    for (const expr of exprList) {\n    if ((expr == null ? void 0 : expr.type) ===
\"ArrayExpression\") {\n    this.toReferencedListDeep(expr.elements);\n    }\n    }\n    }\n    parseSpread(refExpressionErrors, refNeedsArrowPos) {\n    const node = this.startNode();\n    this.next();\n
node.argument = this.parseMaybeAssignAllowIn(refExpressionErrors, undefined, refNeedsArrowPos);\n    return
this.finishNode(node, \"SpreadElement\");\n    }\n    parseRestBinding() {\n    const node = this.startNode();\n
this.next();\n    node.argument = this.parseBindingAtom();\n    return this.finishNode(node, \"RestElement\");\n
}\n    parseBindingAtom() {\n    switch (this.state.type) {\n    case types$1.bracketL:\n    {\n    const node =
this.startNode();\n    this.next();\n    node.elements = this.parseBindingList(types$1.bracketR, 93, true);\n
return this.finishNode(node, \"ArrayPattern\");\n    }\n    case types$1.braceL:\n    return
this.parseObjectLike(types$1.braceR, true);\n    }\n    return this.parseIdentifier();\n    }\n    parseBindingList(close,
closeCharCode, allowEmpty, allowModifiers) {\n    const elts = [];\n    let first = true;\n    while (!this.eat(close))
{\n    if (first) {\n    first = false;\n    } else {\n    this.expect(types$1.comma);\n    }\n    if (allowEmpty
&& this.match(types$1.comma)) {\n    elts.push(null);\n    } else if (this.eat(close)) {\n    break;\n    } else if

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(this.match(types$1.ellipsis)) {\n    elts.push(this.parseAssignableListItemTypes(this.parseRestBinding());\n    this.checkCommaAfterRest(closeCharCode);\n    this.expect(close);\n    break;\n  } else {\n    const\n    decorators = [];\n    if (this.match(types$1.at) && this.hasPlugin("decorators")) {\n    this.raise(this.state.start, ErrorMessages.UnsupportedParameterDecorator);\n    }\n    while\n    (this.match(types$1.at)) {\n    decorators.push(this.parseDecorator());\n    }\n    elts.push(this.parseAssignableListItem(allowModifiers, decorators));\n    }\n    }\n    return elts;\n  }\n  parseAssignableListItem(allowModifiers, decorators) {\n    const left = this.parseMaybeDefault();\n    this.parseAssignableListItemTypes(left);\n    const elt = this.parseMaybeDefault(left.start, left.loc.start, left);\n    if\n    (decorators.length) {\n    left.decorators = decorators;\n    }\n    return elt;\n  }\n  parseAssignableListItemTypes(param) {\n    return param;\n  }\n  parseMaybeDefault(startPos, startLoc, left) {\n    var _startLoc, _startPos, _left;\n    startLoc = (_startLoc = startLoc) != null ? _startLoc : this.state.startLoc;\n    startPos = (_startPos = startPos) != null ? _startPos : this.state.start;\n    left = (_left = left) != null ? _left :\n    this.parseBindingAtom();\n    if (!this.eat(types$1.eq)) return left;\n    const node = this.startNodeAt(startPos,\n    startLoc);\n    node.left = left;\n    node.right = this.parseMaybeAssignAllowIn();\n    return this.finishNode(node,\n    "AssignmentPattern");\n  }\n  checkLVal(expr, contextDescription, bindingType = BIND_NONE, checkClashes,\n    disallowLetBinding, strictModeChanged = false) {\n    switch (expr.type) {\n    case "Identifier":\n    {\n    const {\n    name\n    } = expr;\n    if (this.state.strict && (strictModeChanged ?\n    isStrictBindReservedWord(name, this.inModule) : isStrictBindOnlyReservedWord(name))) {\n    this.raise(expr.start, bindingType === BIND_NONE ? ErrorMessages.StrictEvalArguments :\n    ErrorMessages.StrictEvalArgumentsBinding, name);\n    }\n    if (checkClashes) {\n    if\n    (checkClashes.has(name)) {\n    this.raise(expr.start, ErrorMessages.ParamDupe);\n    } else {\n    checkClashes.add(name);\n    }\n    }\n    if (disallowLetBinding && name === "let") {\n    this.raise(expr.start, ErrorMessages.LetInLexicalBinding);\n    }\n    if (!(bindingType & BIND_NONE))\n    {\n    this.scope.declareName(name, bindingType, expr.start);\n    }\n    break;\n    }\n    case\n    "MemberExpression":\n    if (bindingType !== BIND_NONE) {\n    this.raise(expr.start,\n    ErrorMessages.InvalidPropertyBindingPattern);\n    }\n    break;\n    case "ObjectPattern":\n    for (let\n    prop of expr.properties) {\n    if (this.isObjectProperty(prop)) prop = prop.value; else if\n    (this.isObjectMethod(prop)) continue;\n    this.checkLVal(prop, "object destructuring pattern", bindingType,\n    checkClashes, disallowLetBinding);\n    }\n    break;\n    case "ArrayPattern":\n    for (const elem of\n    expr.elements) {\n    if (elem) {\n    this.checkLVal(elem, "array destructuring pattern", bindingType,\n    checkClashes, disallowLetBinding);\n    }\n    }\n    break;\n    case "AssignmentPattern":\n    this.checkLVal(expr.left, "assignment pattern", bindingType, checkClashes);\n    break;\n    case\n    "RestElement":\n    this.checkLVal(expr.argument, "rest element", bindingType, checkClashes);\n    break;\n    case "ParenthesizedExpression":\n    this.checkLVal(expr.expression, "parenthesized\n    expression", bindingType, checkClashes);\n    break;\n    default:\n    {\n    this.raise(expr.start,\n    bindingType === BIND_NONE ? ErrorMessages.InvalidLhs : ErrorMessages.InvalidLhsBinding,\n    contextDescription);\n    }\n    }\n    }\n    checkToRestConversion(node) {\n    if (node.argument.type !==\n    "Identifier" && node.argument.type !== "MemberExpression") {\n    this.raise(node.argument.start,\n    ErrorMessages.InvalidRestAssignmentPattern);\n    }\n    }\n    checkCommaAfterRest(close) {\n    if\n    (this.match(types$1.comma)) {\n    if (this.lookaheadCharCode() === close) {\n    this.raiseTrailingCommaAfterRest(this.state.start);\n    } else {\n    this.raiseRestNotLast(this.state.start);\n    }\n    }\n    }\n    raiseRestNotLast(pos) {\n    throw this.raise(pos, ErrorMessages.ElementAfterRest);\n    }\n    raiseTrailingCommaAfterRest(pos) {\n    this.raise(pos, ErrorMessages.RestTrailingComma);\n    }\n    }\n    }\n    class\n    ExpressionParser extends LValParser {\n    checkProto(prop, isRecord, protoRef, refExpressionErrors) {\n    if\n    (prop.type === "SpreadElement" || this.isObjectMethod(prop) || prop.computed || prop.shorthand) {\n    return;\n    }\n    const key = prop.key;\n    const name = key.type === "Identifier" ? key.name : key.value;\n    if (name\n    === "__proto__") {\n    if (isRecord) {\n    this.raise(key.start, ErrorMessages.RecordNoProto);\n    return;\n    }\n    if (protoRef.used) {\n    if (refExpressionErrors) {\n    if (refExpressionErrors.doubleProto === -1)\n
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{\n      refExpressionErrors.doubleProto = key.start;\n      }\n    } else {\n      this.raise(key.start,
ErrorMessages.DuplicateProto);\n    }\n  }\n  protoRef.used = true;\n  }\n  }\n  shouldExitDescending(expr, potentialArrowAt) {\n    return expr.type === \"ArrowFunctionExpression\" &&
expr.start === potentialArrowAt;\n  }\n  getExpression() {\n    let paramFlags = PARAM;\n    if
(this.hasPlugin(\"topLevelAwait\") && this.inModule) {\n      paramFlags |= PARAM_AWAIT;\n    }\n    this.scope.enter(SCOPE_PROGRAM);\n    this.prodParam.enter(paramFlags);\n    this.nextToken();\n    const expr
= this.parseExpression();\n    if (!this.match(types$1.eof)) {\n      this.unexpected();\n    }\n    expr.comments =
this.state.comments;\n    expr.errors = this.state.errors;\n    if (this.options.tokens) {\n      expr.tokens =
this.tokens;\n    }\n    return expr;\n  }\n  parseExpression(disallowIn, refExpressionErrors) {\n    if (disallowIn)
{\n      return this.disallowInAnd(() => this.parseExpressionBase(refExpressionErrors));\n    }\n    return
this.allowInAnd(() => this.parseExpressionBase(refExpressionErrors));\n  }\n  parseExpressionBase(refExpressionErrors) {\n    const startPos = this.state.start;\n    const startLoc =
this.state.startLoc;\n    const expr = this.parseMaybeAssign(refExpressionErrors);\n    if
(this.match(types$1.comma)) {\n      const node = this.startNodeAt(startPos, startLoc);\n      node.expressions =
[expr];\n      while (this.eat(types$1.comma)) {\n
node.expressions.push(this.parseMaybeAssign(refExpressionErrors));\n      }\n      this.toReferencedList(node.expressions);\n      return this.finishNode(node, \"SequenceExpression\");\n    }\n    return expr;\n  }\n  parseMaybeAssignDisallowIn(refExpressionErrors, afterLeftParse, refNeedsArrowPos) {\n
return this.disallowInAnd(() => this.parseMaybeAssign(refExpressionErrors, afterLeftParse, refNeedsArrowPos));\n
}\n  parseMaybeAssignAllowIn(refExpressionErrors, afterLeftParse, refNeedsArrowPos) {\n    return
this.allowInAnd(() => this.parseMaybeAssign(refExpressionErrors, afterLeftParse, refNeedsArrowPos));\n  }\n  parseMaybeAssign(refExpressionErrors, afterLeftParse, refNeedsArrowPos) {\n    const startPos = this.state.start;\n    const startLoc = this.state.startLoc;\n    if (this.isContextual(\"yield\")) {\n      if (this.prodParam.hasYield) {\n
this.state.exprAllowed = true;\n      let left = this.parseYield();\n      if (afterLeftParse) {\n        left =
afterLeftParse.call(this, left, startPos, startLoc);\n      }\n      return left;\n    }\n    let
ownExpressionErrors;\n    if (refExpressionErrors) {\n      ownExpressionErrors = false;\n    } else {\n
refExpressionErrors = new ExpressionErrors();\n      ownExpressionErrors = true;\n    }\n    if
(this.match(types$1.parenL) || this.match(types$1.name)) {\n      this.state.potentialArrowAt = this.state.start;\n
}\n    let left = this.parseMaybeConditional(refExpressionErrors, refNeedsArrowPos);\n    if (afterLeftParse) {\n
left = afterLeftParse.call(this, left, startPos, startLoc);\n    }\n    if (this.state.type.isAssign) {\n      const node =
this.startNodeAt(startPos, startLoc);\n      const operator = this.state.value;\n      node.operator = operator;\n      if
(this.match(types$1.eq)) {\n        node.left = this.toAssignable(left, true);\n        refExpressionErrors.doubleProto = -
1;\n      } else {\n        node.left = left;\n      }\n      if (refExpressionErrors.shorthandAssign >= node.left.start) {\n
refExpressionErrors.shorthandAssign = -1;\n      }\n      this.checkLVal(left, \"assignment expression\");\n
this.next();\n      node.right = this.parseMaybeAssign();\n      return this.finishNode(node,
\"AssignmentExpression\");\n    } else if (ownExpressionErrors) {\n
this.checkExpressionErrors(refExpressionErrors, true);\n    }\n    return left;\n  }\n  parseMaybeConditional(refExpressionErrors, refNeedsArrowPos) {\n    const startPos = this.state.start;\n    const
startLoc = this.state.startLoc;\n    const potentialArrowAt = this.state.potentialArrowAt;\n    const expr =
this.parseExprOps(refExpressionErrors);\n    if (this.shouldExitDescending(expr, potentialArrowAt)) {\n      return
expr;\n    }\n    return this.parseConditional(expr, startPos, startLoc, refNeedsArrowPos);\n  }\n  parseConditional(expr, startPos, startLoc, refNeedsArrowPos) {\n    if (this.eat(types$1.question)) {\n      const node
= this.startNodeAt(startPos, startLoc);\n      node.test = expr;\n      node.consequent =
this.parseMaybeAssignAllowIn();\n      this.expect(types$1.colon);\n      node.alternate =
this.parseMaybeAssign();\n      return this.finishNode(node, \"ConditionalExpression\");\n    }\n    return expr;\n
}\n  parseExprOps(refExpressionErrors) {\n    const startPos = this.state.start;\n    const startLoc =
this.state.startLoc;\n    const potentialArrowAt = this.state.potentialArrowAt;\n    const expr =
this.parseMaybeUnary(refExpressionErrors);\n    if (this.shouldExitDescending(expr, potentialArrowAt)) {\n

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return expr;\n  }\n\n  return this.parseExprOp(expr, startPos, startLoc, -1);\n  }\n\n  parseExprOp(left, leftStartPos,
leftStartLoc, minPrec) {\n    let prec = this.state.type.binop;\n\n    if (prec != null && (this.prodParam.hasIn ||
!this.match(types$1._in))) {\n      if (prec > minPrec) {\n        const op = this.state.type;\n        if (op ===
types$1.pipeline) {\n          this.expectPlugin("pipelineOperator");\n          if
(this.state.inFSharpPipelineDirectBody) {\n            return left;\n          }\n          this.state.inPipeline = true;\n
this.checkPipelineAtInfixOperator(left, leftStartPos);\n        }\n        const node = this.startNodeAt(leftStartPos,
leftStartLoc);\n        node.left = left;\n        node.operator = this.state.value;\n        const logical = op ===
types$1.logicalOR || op === types$1.logicalAND;\n        const coalesce = op === types$1.nullishCoalescing;\n
if (coalesce) {\n          prec = types$1.logicalAND.binop;\n        }\n        this.next();\n        if (op ===
types$1.pipeline && this.getPluginOption("pipelineOperator", "proposal") === "minimal") {\n          if
(this.match(types$1.name) && this.state.value === "await" && this.prodParam.hasAwait) {\n            throw
this.raise(this.state.start, ErrorMessages.UnexpectedAwaitAfterPipelineBody);\n          }\n        }\n        node.right
= this.parseExprOpRightExpr(op, prec);\n        this.finishNode(node, logical || coalesce ? "LogicalExpression" :
"BinaryExpression");\n        const nextOp = this.state.type;\n        if (coalesce && (nextOp ===
types$1.logicalOR || nextOp === types$1.logicalAND) || logical && nextOp === types$1.nullishCoalescing) {\n
          throw this.raise(this.state.start, ErrorMessages.MixingCoalesceWithLogical);\n        }\n        return
this.parseExprOp(node, leftStartPos, leftStartLoc, minPrec);\n      }\n    }\n\n    return left;\n  }\n\n
parseExprOpRightExpr(op, prec) {\n    const startPos = this.state.start;\n    const startLoc = this.state.startLoc;\n\n
switch (op) {\n      case types$1.pipeline:\n        switch (this.getPluginOption("pipelineOperator", "proposal")) {\n
          case "smart":\n            return this.withTopicPermittingContext(() => {\n              return
this.parseSmartPipelineBody(this.parseExprOpBaseRightExpr(op, prec), startPos, startLoc);\n            });\n          case
"fsharp":\n            return this.withSoloAwaitPermittingContext(() => {\n              return
this.parseFSharpPipelineBody(prec);\n            });\n          default:\n            return
this.parseExprOpBaseRightExpr(op, prec);\n        }\n      }\n\n    parseExprOpBaseRightExpr(op, prec) {\n      const startPos
= this.state.start;\n      const startLoc = this.state.startLoc;\n      return this.parseExprOp(this.parseMaybeUnary(),
startPos, startLoc, op.rightAssociative ? prec - 1 : prec);\n    }\n\n    checkExponentialAfterUnary(node) {\n      if
(this.match(types$1.exponent)) {\n        this.raise(node.argument.start,
ErrorMessages.UnexpectedTokenUnaryExponentiation);\n      }\n    }\n\n    parseMaybeUnary(refExpressionErrors,
sawUnary) {\n      const startPos = this.state.start;\n      const startLoc = this.state.startLoc;\n      const isAwait =
this.isContextual("await");\n      if (isAwait && this.isAwaitAllowed()) {\n        this.next();\n        const expr =
this.parseAwait(startPos, startLoc);\n        if (!sawUnary) this.checkExponentialAfterUnary(expr);\n        return expr;\n      }\n      if (this.isContextual("module") && this.lookaheadCharCode() === 123 &&
!this.hasFollowingLineBreak()) {\n        return this.parseModuleExpression();\n      }\n      const update =
this.match(types$1.incDec);\n      const node = this.startNode();\n      if (this.state.type.prefix) {\n        node.operator =
this.state.value;\n        node.prefix = true;\n        if (this.match(types$1._throw)) {\n          this.expectPlugin("throwExpressions");\n        }\n        const isDelete = this.match(types$1._delete);\n
this.next();\n        node.argument = this.parseMaybeUnary(null, true);\n        this.checkExpressionErrors(refExpressionErrors, true);\n        if (this.state.strict && isDelete) {\n          const arg =
node.argument;\n          if (arg.type === "Identifier") {\n            this.raise(node.start, ErrorMessages.StrictDelete);\n          }\n          else if (this.hasPropertyAsPrivateName(arg)) {\n            this.raise(node.start,
ErrorMessages.DeletePrivateField);\n          }\n        }\n        if (!update) {\n          if (!sawUnary)
this.checkExponentialAfterUnary(node);\n          return this.finishNode(node, "UnaryExpression");\n        }\n      }\n\n    const expr = this.parseUpdate(node, update, refExpressionErrors);\n    if (isAwait) {\n      const startsExpr =
this.hasPlugin("v8intrinsic") ? this.state.type.startsExpr : this.state.type.startsExpr &&
!this.match(types$1.modulo);\n      if (startsExpr && !this.isAmbiguousAwait()) {\n        this.raiseOverwrite(startPos, this.hasPlugin("topLevelAwait") ? ErrorMessages.AwaitNotInAsyncContext :
ErrorMessages.AwaitNotInAsyncFunction);\n        return this.parseAwait(startPos, startLoc);\n      }\n    }\n\n    return expr;\n  }\n\n  parseUpdate(node, update, refExpressionErrors) {\n    if (update) {\n

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this.checkLVal(node.argument, "prefix operation");\n    return this.finishNode(node, "UpdateExpression");\n    }\n\n    const startPos = this.state.start;\n    const startLoc = this.state.startLoc;\n    let expr =\n    this.parseExprSubscripts(refExpressionErrors);\n    if (this.checkExpressionErrors(refExpressionErrors, false))\n    return expr;\n\n    while (this.state.type.postfix && !this.canInsertSemicolon()) {\n    const node =\n    this.startNodeAt(startPos, startLoc);\n    node.operator = this.state.value;\n    node.prefix = false;\n    node.argument = expr;\n    this.checkLVal(expr, "postfix operation");\n    this.next();\n    expr =\n    this.finishNode(node, "UpdateExpression");\n    }\n\n    return expr;\n    }\n\n    parseExprSubscripts(refExpressionErrors) {\n    const startPos = this.state.start;\n    const startLoc =\n    this.state.startLoc;\n    const potentialArrowAt = this.state.potentialArrowAt;\n    const expr =\n    this.parseExprAtom(refExpressionErrors);\n\n    if (this.shouldExitDescending(expr, potentialArrowAt)) {\n    return expr;\n    }\n\n    return this.parseSubscripts(expr, startPos, startLoc);\n    }\n\n    parseSubscripts(base, startPos,\n    startLoc, noCalls) {\n    const state = {\n    optionalChainMember: false,\n    maybeAsyncArrow:\n    this.atPossibleAsyncArrow(base),\n    stop: false\n    };\n\n    do {\n    base = this.parseSubscript(base, startPos,\n    startLoc, noCalls, state);\n    state.maybeAsyncArrow = false;\n    } while (!state.stop);\n\n    return base;\n    }\n\n    parseSubscript(base, startPos, startLoc, noCalls, state) {\n    if (!noCalls && this.eat(types$1.doubleColon)) {\n    return this.parseBind(base, startPos, startLoc, noCalls, state);\n    } else if (this.match(types$1.backQuote)) {\n    return this.parseTaggedTemplateExpression(base, startPos, startLoc, state);\n    }\n\n    let optional = false;\n\n    if (this.match(types$1.questionDot)) {\n    if (noCalls && this.lookaheadCharCode() === 40) {\n    state.stop =\n    true;\n    return base;\n    }\n\n    state.optionalChainMember = optional = true;\n    this.next();\n    }\n\n    if (!noCalls && this.match(types$1.parenL)) {\n    return this.parseCoverCallAndAsyncArrowHead(base, startPos,\n    startLoc, state, optional);\n    } else if (optional || this.match(types$1.bracketL) || this.eat(types$1.dot)) {\n    return\n    this.parseMember(base, startPos, startLoc, state, optional);\n    } else {\n    state.stop = true;\n    return base;\n    }\n    }\n\n    parseMember(base, startPos, startLoc, state, optional) {\n    const node = this.startNodeAt(startPos,\n    startLoc);\n    const computed = this.eat(types$1.bracketL);\n    node.object = base;\n    node.computed =\n    computed;\n    const privateName = !computed && this.match(types$1.privateName) && this.state.value;\n    const\n    property = computed ? this.parseExpression() : privateName ? this.parsePrivateName() :\n    this.parseIdentifier(true);\n\n    if (privateName !== false) {\n    if (node.object.type === "Super") {\n    this.raise(startPos, ErrorMessages.SuperPrivateField);\n    }\n\n    this.classScope.usePrivateName(privateName,\n    property.start);\n    }\n\n    node.property = property;\n\n    if (computed) {\n    this.expect(types$1.bracketR);\n    }\n\n    if (state.optionalChainMember) {\n    node.optional = optional;\n    return this.finishNode(node,\n    "OptionalMemberExpression");\n    } else {\n    return this.finishNode(node, "MemberExpression");\n    }\n    }\n\n    parseBind(base, startPos, startLoc, noCalls, state) {\n    const node = this.startNodeAt(startPos, startLoc);\n    node.object = base;\n    node.callee = this.parseNoCallExpr();\n    state.stop = true;\n    return\n    this.parseSubscripts(this.finishNode(node, "BindExpression"), startPos, startLoc, noCalls);\n    }\n\n    parseCoverCallAndAsyncArrowHead(base, startPos, startLoc, state, optional) {\n    const\n    oldMaybeInArrowParameters = this.state.maybeInArrowParameters;\n    this.state.maybeInArrowParameters =\n    true;\n    this.next();\n    let node = this.startNodeAt(startPos, startLoc);\n    node.callee = base;\n\n    if (state.maybeAsyncArrow) {\n    this.expressionScope.enter(newAsyncArrowScope());\n    }\n\n    if (state.optionalChainMember) {\n    node.optional = optional;\n    }\n\n    if (optional) {\n    node.arguments =\n    this.parseCallExpressionArguments(types$1.parenR, false);\n    } else {\n    node.arguments =\n    this.parseCallExpressionArguments(types$1.parenR, state.maybeAsyncArrow, base.type === "Import", base.type\n    !== "Super", node);\n    }\n\n    this.finishCallExpression(node, state.optionalChainMember);\n\n    if (state.maybeAsyncArrow && this.shouldParseAsyncArrow() && !optional) {\n    state.stop = true;\n    this.expressionScope.validateAsPattern();\n    this.expressionScope.exit();\n    node =\n    this.parseAsyncArrowFromCallExpression(this.startNodeAt(startPos, startLoc), node);\n    } else {\n    if (state.maybeAsyncArrow) {\n    this.expressionScope.exit();\n    }\n\n    this.toReferencedArguments(node);\n    }\n\n    this.state.maybeInArrowParameters = oldMaybeInArrowParameters;\n    return node;\n    }\n\n    toReferencedArguments(node, isParenthesizedExpr) {\n    this.toReferencedListDeep(node.arguments,\n
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isParenthesizedExpr);\n }\n\n parseTaggedTemplateExpression(base, startPos, startLoc, state) {\n  const node =
this.startNodeAt(startPos, startLoc);\n  node.tag = base;\n  node.quasi = this.parseTemplate(true);\n\n  if
(state.optionalChainMember) {\n    this.raise(startPos, ErrorMessages.OptionalChainingNoTemplate);\n  }\n\n  return this.finishNode(node, \"TaggedTemplateExpression\");\n }\n\n atPossibleAsyncArrow(base) {\n  return
base.type === \"Identifier\" && base.name === \"async\" && this.state.lastTokEnd === base.end &&
!this.canInsertSemicolon() && base.end - base.start === 5 && base.start === this.state.potentialArrowAt;\n }\n\n
finishCallExpression(node, optional) {\n  if (node.callee.type === \"Import\") {\n    if (node.arguments.length
=== 2) {\n      {\n        if (!this.hasPlugin(\"moduleAttributes\")) {\n
this.expectPlugin(\"importAssertions\");\n        }\n      }\n      if (node.arguments.length === 0 ||
node.arguments.length > 2) {\n        this.raise(node.start, ErrorMessages.ImportCallArity,
this.hasPlugin(\"importAssertions\") || this.hasPlugin(\"moduleAttributes\") ? \"one or two arguments\" : \"one
argument\");\n      } else {\n        for (const arg of node.arguments) {\n          if (arg.type === \"SpreadElement\") {\n
this.raise(arg.start, ErrorMessages.ImportCallSpreadArgument);\n          }\n        }\n      }\n      return
this.finishNode(node, optional ? \"OptionalCallExpression\" : \"CallExpression\");\n    }\n\n
parseCallExpressionArguments(close, possibleAsyncArrow, dynamicImport, allowPlaceholder, nodeForExtra) {\n
const elts = [];\n  let first = true;\n  const oldInFSharpPipelineDirectBody =
this.state.inFSharpPipelineDirectBody;\n  this.state.inFSharpPipelineDirectBody = false;\n\n  while
(!this.eat(close)) {\n    if (first) {\n      first = false;\n    } else {\n      this.expect(types$1.comma);\n    } if
(this.match(close)) {\n      if (dynamicImport && !this.hasPlugin(\"importAssertions\") &&
!this.hasPlugin(\"moduleAttributes\")) {\n        this.raise(this.state.lastTokStart,
ErrorMessages.ImportCallArgumentTrailingComma);\n      }\n      if (nodeForExtra) {\n
this.addExtra(nodeForExtra, \"trailingComma\", this.state.lastTokStart);\n      }\n      this.next();\n
break;\n    }\n  }\n  elts.push(this.parseExprListItem(false, possibleAsyncArrow ? new ExpressionErrors() :
undefined, possibleAsyncArrow ? {\n    start: 0\n  } : undefined, allowPlaceholder));\n }\n\n
this.state.inFSharpPipelineDirectBody = oldInFSharpPipelineDirectBody;\n  return elts;\n }\n\n
shouldParseAsyncArrow() {\n  return this.match(types$1.arrow) && !this.canInsertSemicolon();\n }\n\n
parseAsyncArrowFromCallExpression(node, call) {\n  var _call$extra;\n\n  this.expect(types$1.arrow);\n
this.parseArrowExpression(node, call.arguments, true, (_call$extra = call.extra) == null ? void 0 :
_call$extra.trailingComma);\n  return node;\n }\n\n parseNoCallExpr() {\n  const startPos = this.state.start;\n
const startLoc = this.state.startLoc;\n  return this.parseSubscripts(this.parseExprAtom(), startPos, startLoc, true);\n
}\n\n parseExprAtom(refExpressionErrors) {\n  if (this.state.type === types$1.slash) this.readRegexp();\n  const
canBeArrow = this.state.potentialArrowAt === this.state.start;\n  let node;\n\n  switch (this.state.type) {\n    case
types$1._super:\n      return this.parseSuper();\n\n    case types$1._import:\n      node = this.startNode();\n
this.next();\n      if (this.match(types$1.dot)) {\n        return this.parseImportMetaProperty(node);\n      }\n\n
if (!this.match(types$1.parenL)) {\n        this.raise(this.state.lastTokStart, ErrorMessages.UnsupportedImport);\n
}\n\n      return this.finishNode(node, \"Import\");\n\n    case types$1._this:\n      node = this.startNode();\n
this.next();\n      return this.finishNode(node, \"ThisExpression\");\n\n    case types$1.name:\n      {\n        const
containsEsc = this.state.containsEsc;\n        const id = this.parseIdentifier();\n        if (!containsEsc && id.name
=== \"async\" && !this.canInsertSemicolon()) {\n          if (this.match(types$1._function)) {\n            const last =
this.state.context.length - 1;\n            if (this.state.context[last] !== types.functionStatement) {\n              throw
new Error(\"Internal error\");\n            }\n            this.state.context[last] = types.functionExpression;\n
this.next();\n            return this.parseFunction(this.startNodeAtNode(id), undefined, true);\n          } else if
(this.match(types$1.name)) {\n            if (this.lookaheadCharCode() === 61) {\n              return
this.parseAsyncArrowUnaryFunction(id);\n            } else {\n              return id;\n            }\n          } else if
(this.match(types$1._do)) {\n            return this.parseDo(true);\n          }\n        }\n        if (canBeArrow &&
this.match(types$1.arrow) && !this.canInsertSemicolon()) {\n          this.next();\n          return
this.parseArrowExpression(this.startNodeAtNode(id), [id], false);\n        }\n        return id;\n      }\n\n    case
types$1._do:\n      {\n        return this.parseDo(false);\n      }\n\n    case types$1.regexp:\n      {\n        const

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value = this.state.value;\n      node = this.parseLiteral(value.value, \"RegExpLiteral\");\n      node.pattern =
value.pattern;\n      node.flags = value.flags;\n      return node;\n    }\n\n    case types$1.num:\n      return
this.parseLiteral(this.state.value, \"NumericLiteral\");\n\n    case types$1.bigint:\n      return
this.parseLiteral(this.state.value, \"BigIntLiteral\");\n\n    case types$1.decimal:\n      return
this.parseLiteral(this.state.value, \"DecimalLiteral\");\n\n    case types$1.string:\n      return
this.parseLiteral(this.state.value, \"StringLiteral\");\n\n    case types$1._null:\n      node = this.startNode();\n      this.next();\n      return this.finishNode(node, \"NullLiteral\");\n\n    case types$1._true:\n      case
types$1._false:\n      return this.parseBooleanLiteral();\n\n    case types$1.parenL:\n      return
this.parseParenAndDistinguishExpression(canBeArrow);\n\n    case types$1.bracketBarL:\n      case
types$1.bracketHashL:\n      {\n      return this.parseArrayLike(this.state.type === types$1.bracketBarL ?
types$1.bracketBarR : types$1.bracketR, false, true, refExpressionErrors);\n      }\n\n    case types$1.bracketL:\n
{\n      return this.parseArrayLike(types$1.bracketR, true, false, refExpressionErrors);\n      }\n\n    case
types$1.braceBarL:\n      case types$1.braceHashL:\n      {\n      return this.parseObjectLike(this.state.type ===
types$1.braceBarL ? types$1.braceBarR : types$1.braceR, false, true, refExpressionErrors);\n      }\n\n    case
types$1.braceL:\n      {\n      return this.parseObjectLike(types$1.braceR, false, false, refExpressionErrors);\n
      }\n\n    case types$1._function:\n      return this.parseFunctionOrFunctionSent();\n\n    case types$1.at:\n
this.parseDecorators();\n\n    case types$1._class:\n      node = this.startNode();\n      this.takeDecorators(node);\n
      return this.parseClass(node, false);\n\n    case types$1._new:\n      return this.parseNewOrNewTarget();\n\n    case
types$1.backQuote:\n      return this.parseTemplate(false);\n\n    case types$1.doubleColon:\n      {\n
node = this.startNode();\n      this.next();\n      node.object = null;\n      const callee = node.callee =
this.parseNoCallExpr();\n      if (callee.type === \"MemberExpression\") {\n      return this.finishNode(node,
\"BindExpression\");\n      } else {\n      throw this.raise(callee.start, ErrorMessages.UnsupportedBind);\n
      }\n      }\n\n    case types$1.privateName:\n      {\n      const start = this.state.start;\n      const value =
this.state.value;\n      node = this.parsePrivateName();\n      if (this.match(types$1._in)) {\n
this.expectPlugin(\"privateIn\");\n      this.classScope.usePrivateName(value, node.start);\n      } else if
(this.hasPlugin(\"privateIn\")) {\n      this.raise(this.state.start, ErrorMessages.PrivateInExpectedIn, value);\n
      } else {\n      throw this.unexpected(start);\n      }\n      }\n\n    case types$1.hash:\n
{\n      if (this.state.inPipeline) {\n      node = this.startNode();\n      if
(this.getPluginOption(\"pipelineOperator\", \"proposal\") !== \"smart\") {\n      this.raise(node.start,
ErrorMessages.PrimaryTopicRequiresSmartPipeline);\n      }\n      this.next();\n      if
(!this.primaryTopicReferenceIsAllowedInCurrentTopicContext()) {\n      this.raise(node.start,
ErrorMessages.PrimaryTopicNotAllowed);\n      }\n      this.registerTopicReference();\n      return
this.finishNode(node, \"PipelinePrimaryTopicReference\");\n      }\n      }\n\n    case types$1.relational:\n
{\n      if (this.state.value === \"<\") {\n      const lookaheadCh =
this.input.codePointAt(this.nextTokenStart());\n      if (isIdentifierStart(lookaheadCh) || lookaheadCh === 62)
{\n      this.expectOnePlugin([\"jsx\", \"flow\", \"typescript\"]);\n      }\n      }\n      }\n      }\n      default:\n
throw this.unexpected();\n      }\n      }\n      parseAsyncArrowUnaryFunction(id) {\n      const node =
this.startNodeAtNode(id);\n      this.prodParam.enter(functionFlags(true, this.prodParam.hasYield));\n      const params
= [this.parseIdentifier()];\n      this.prodParam.exit();\n      if (this.hasPrecedingLineBreak()) {\n
this.raise(this.state.pos, ErrorMessages.LineTerminatorBeforeArrow);\n      }\n      this.expect(types$1.arrow);\n
this.parseArrowExpression(node, params, true);\n      return node;\n      }\n      parseDo(isAsync) {\n
this.expectPlugin(\"doExpressions\");\n      if (isAsync) {\n      this.expectPlugin(\"asyncDoExpressions\");\n      }\n      }\n
      const node = this.startNode();\n      node.async = isAsync;\n      this.next();\n      const oldLabels = this.state.labels;\n
this.state.labels = [];\n      if (isAsync) {\n      this.prodParam.enter(PARAM_AWAIT);\n      node.body =
this.parseBlock();\n      this.prodParam.exit();\n      } else {\n      node.body = this.parseBlock();\n      }\n      }\n
      this.state.labels = oldLabels;\n      return this.finishNode(node, \"DoExpression\");\n      }\n      }\n      parseSuper() {\n
const node = this.startNode();\n      this.next();\n      if (this.match(types$1.parenL) && !this.scope.allowDirectSuper &&
!this.options.allowSuperOutsideMethod) {\n      this.raise(node.start, ErrorMessages.SuperNotAllowed);\n      } else if

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(!this.scope.allowSuper && !this.options.allowSuperOutsideMethod) {\n  this.raise(node.start,
ErrorMessages.UnexpectedSuper);\n }\n\n if (!this.match(types$1.parenL) && !this.match(types$1.bracketL)
&& !this.match(types$1.dot)) {\n  this.raise(node.start, ErrorMessages.UnsupportedSuper);\n }\n\n return
this.finishNode(node, \"Super\");\n }\n\n parseBooleanLiteral() {\n  const node = this.startNode();\n  node.value
= this.match(types$1._true);\n  this.next();\n  return this.finishNode(node, \"BooleanLiteral\");\n }\n\n
parseMaybePrivateName(isPrivateNameAllowed) {\n  const isPrivate = this.match(types$1.privateName);\n  if
(isPrivate) {\n    if (!isPrivateNameAllowed) {\n      this.raise(this.state.start + 1,
ErrorMessages.UnexpectedPrivateField);\n    }\n    return this.parsePrivateName();\n  } else {\n    return
this.parseIdentifier(true);\n  }\n }\n\n parsePrivateName() {\n  const node = this.startNode();\n  const id =
this.startNodeAt(this.state.start + 1, new Position(this.state.curLine, this.state.start + 1 - this.state.lineStart));\n
const name = this.state.value;\n  this.next();\n  node.id = this.createIdentifier(id, name);\n  return
this.finishNode(node, \"PrivateName\");\n }\n\n parseFunctionOrFunctionSent() {\n  const node =
this.startNode();\n  this.next();\n  if (this.prodParam.hasYield && this.match(types$1.dot)) {\n    const meta =
this.createIdentifier(this.startNodeAtNode(node), \"function\");\n    this.next();\n    return
this.parseMetaProperty(node, meta, \"sent\");\n  }\n  return this.parseFunction(node);\n }\n\n
parseMetaProperty(node, meta, propertyName) {\n  node.meta = meta;\n  if (meta.name === \"function\" &&
propertyName === \"sent\") {\n    if (this.isContextual(propertyName)) {\n      this.expectPlugin(\"functionSent\");\n    } else if (!this.hasPlugin(\"functionSent\")) {\n      this.unexpected();\n    }\n  }\n  const containsEsc = this.state.containsEsc;\n  node.property = this.parseIdentifier(true);\n  if
(node.property.name !== propertyName || containsEsc) {\n    this.raise(node.property.start,
ErrorMessages.UnsupportedMetaProperty, meta.name, propertyName);\n  }\n  return this.finishNode(node,
\"MetaProperty\");\n }\n\n parseImportMetaProperty(node) {\n  const id =
this.createIdentifier(this.startNodeAtNode(node), \"import\");\n  this.next();\n  if (this.isContextual(\"meta\"))
{\n    if (!this.inModule) {\n      this.raise(id.start,
SourceTypeModuleErrorMessages.ImportMetaOutsideModule);\n    }\n    this.sawUnambiguousESM = true;\n  }\n  return this.parseMetaProperty(node, id, \"meta\");\n }\n\n parseLiteral(value, type, startPos, startLoc) {\n
startPos = startPos || this.state.start;\n  startLoc = startLoc || this.state.startLoc;\n  const node =
this.startNodeAt(startPos, startLoc);\n  this.addExtra(node, \"rawValue\", value);\n  this.addExtra(node, \"raw\",
this.input.slice(startPos, this.state.end));\n  node.value = value;\n  this.next();\n  return this.finishNode(node,
type);\n }\n\n parseParenAndDistinguishExpression(canBeArrow) {\n  const startPos = this.state.start;\n  const
startLoc = this.state.startLoc;\n  let val;\n  this.next();\n  this.expressionScope.enter(new ArrowHeadScope());\n  const oldMaybeInArrowParameters = this.state.maybeInArrowParameters;\n  const
oldInFSharpPipelineDirectBody = this.state.inFSharpPipelineDirectBody;\n  this.state.maybeInArrowParameters =
true;\n  this.state.inFSharpPipelineDirectBody = false;\n  const innerStartPos = this.state.start;\n  const
innerStartLoc = this.state.startLoc;\n  const exprList = [];\n  const refExpressionErrors = new
ExpressionErrors();\n  const refNeedsArrowPos = {\n    start: 0\n  };\n  let first = true;\n  let spreadStart;\n  let optionalCommaStart;\n  while (!this.match(types$1.parenR)) {\n    if (first) {\n      first = false;\n    } else
{\n      this.expect(types$1.comma, refNeedsArrowPos.start || null);\n    }\n    if (this.match(types$1.parenR)) {\n      optionalCommaStart = this.state.start;\n      break;\n    }\n  }\n  if (this.match(types$1.ellipsis)) {\n    const spreadNodeStartPos = this.state.start;\n    const spreadNodeStartLoc = this.state.startLoc;\n    spreadStart
= this.state.start;\n    exprList.push(this.parseParenItem(this.parseRestBinding(), spreadNodeStartPos,
spreadNodeStartLoc));\n    this.checkCommaAfterRest(41);\n    break;\n  } else {\n    exprList.push(this.parseMaybeAssignAllowIn(refExpressionErrors, this.parseParenItem, refNeedsArrowPos));\n  }\n }\n\n const innerEndPos = this.state.lastTokEnd;\n  const innerEndLoc = this.state.lastTokEndLoc;\n  this.expect(types$1.parenR);\n  this.state.maybeInArrowParameters = oldMaybeInArrowParameters;\n  this.state.inFSharpPipelineDirectBody = oldInFSharpPipelineDirectBody;\n  let arrowNode =
this.startNodeAt(startPos, startLoc);\n  if (canBeArrow && this.shouldParseArrow() && (arrowNode =
this.parseArrow(arrowNode))) {\n    this.expressionScope.validateAsPattern();\n    this.expressionScope.exit();\n  }

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    this.parseArrowExpression(arrowNode, exprList, false);\n    return arrowNode;\n  }\n\n  this.expressionScope.exit();\n  if (!exprList.length) {\n    this.unexpected(this.state.lastTokStart);\n  }\n  if (optionalCommaStart) this.unexpected(optionalCommaStart);\n  if (spreadStart) this.unexpected(spreadStart);\n  this.checkExpressionErrors(refExpressionErrors, true);\n  if (refNeedsArrowPos.start)\n    this.unexpected(refNeedsArrowPos.start);\n  this.toReferencedListDeep(exprList, true);\n  if (exprList.length > 1) {\n    val = this.startNodeAt(innerStartPos, innerStartLoc);\n    val.expressions = exprList;\n    this.finishNodeAt(val, "SequenceExpression", innerEndPos, innerEndLoc);\n  } else {\n    val = exprList[0];\n  }\n  if (!this.options.createParenthesizedExpressions) {\n    this.addExtra(val, "parenthesized", true);\n    this.addExtra(val, "parenStart", startPos);\n    return val;\n  }\n  const parenExpression =\n    this.startNodeAt(startPos, startLoc);\n  parenExpression.expression = val;\n  this.finishNode(parenExpression, "ParenthesizedExpression");\n  return parenExpression;\n}\n\nshouldParseArrow() {\n  return !this.canInsertSemicolon();\n}\n\nparseArrow(node) {\n  if (this.eat(types$1.arrow)) {\n    return node;\n  }\n}\n\nparseParenItem(node, startPos, startLoc) {\n  return node;\n}\n\nparseNewOrNewTarget() {\n  const node = this.startNode();\n  this.next();\n  if (this.match(types$1.dot)) {\n    const meta = this.createIdentifier(this.startNodeAtNode(node), "new");\n    this.next();\n    const metaProp = this.parseMetaProperty(node, meta, "target");\n    if (!this.scope.inNonArrowFunction && !this.scope.inClass) {\n      this.raise(metaProp.start, ErrorMessages.UnexpectedNewTarget);\n    }\n    return metaProp;\n  }\n  return this.parseNew(node);\n}\n\nparseNew(node) {\n  node.callee = this.parseNoCallExpr();\n  if (node.callee.type === "Import") {\n    this.raise(node.callee.start, ErrorMessages.ImportCallNotNewExpression);\n  } else if (this.isOptionalChain(node.callee)) {\n    this.raise(this.state.lastTokEnd, ErrorMessages.OptionalChainingNoNew);\n  } else if (this.eat(types$1.questionDot)) {\n    this.raise(this.state.start, ErrorMessages.OptionalChainingNoNew);\n  }\n  this.parseNewArguments(node);\n  return this.finishNode(node, "NewExpression");\n}\n\nparseNewArguments(node) {\n  if (this.eat(types$1.parenL)) {\n    const args = this.parseExprList(types$1.parenR);\n    this.toReferencedList(args);\n    node.arguments = args;\n  } else {\n    node.arguments = [];\n  }\n}\n\nparseTemplateElement(isTagged) {\n  const elem = this.startNode();\n  if (this.state.value === null) {\n    if (!isTagged) {\n      this.raise(this.state.start + 1, ErrorMessages.InvalidEscapeSequenceTemplate);\n    }\n  }\n  elem.value = {\n    raw: this.input.slice(this.state.start, this.state.end).replace(/\\r\\n?/g, "\\n"),\n    cooked: this.state.value\n  };\n  this.next();\n  elem.tail = this.match(types$1.backQuote);\n  return this.finishNode(elem, "TemplateElement");\n}\n\nparseTemplate(isTagged) {\n  const node = this.startNode();\n  this.next();\n  node.expressions = [];\n  let curElt = this.parseTemplateElement(isTagged);\n  node.quasis = [curElt];\n  while (!curElt.tail) {\n    this.expect(types$1.dollarBraceL);\n    node.expressions.push(this.parseTemplateSubstitution());\n    this.expect(types$1.braceR);\n    node.quasis.push(curElt = this.parseTemplateElement(isTagged));\n  }\n  this.next();\n  return this.finishNode(node, "TemplateLiteral");\n}\n\nparseTemplateSubstitution() {\n  return this.parseExpression();\n}\n\nparseObjectLike(close, isPattern, isRecord, refExpressionErrors) {\n  if (isRecord) {\n    this.expectPlugin("recordAndTuple");\n  }\n  const oldInFSharpPipelineDirectBody = this.state.inFSharpPipelineDirectBody;\n  this.state.inFSharpPipelineDirectBody = false;\n  const propHash = Object.create(null);\n  let first = true;\n  const node = this.startNode();\n  node.properties = [];\n  this.next();\n  while (!this.match(close)) {\n    if (first) {\n      first = false;\n    } else {\n      this.expect(types$1.comma);\n    }\n    if (this.match(close)) {\n      this.addExtra(node, "trailingComma", this.state.lastTokStart);\n      break;\n    }\n  }\n  const prop = this.parsePropertyDefinition(isPattern, refExpressionErrors);\n  if (!isPattern) {\n    this.checkProto(prop, isRecord, propHash, refExpressionErrors);\n  }\n  if (isRecord && !this.isObjectProperty(prop) && prop.type !== "SpreadElement") {\n    this.raise(prop.start, ErrorMessages.InvalidRecordProperty);\n  }\n  if (prop.shorthand) {\n    this.addExtra(prop, "shorthand", true);\n  }\n  node.properties.push(prop);\n}\n  this.state.exprAllowed = false;\n  this.next();\n  this.state.inFSharpPipelineDirectBody = oldInFSharpPipelineDirectBody;\n  let type = "ObjectExpression";\n  if (isPattern) {\n    type = "ObjectPattern";\n  } else if (isRecord) {\n    type = "RecordExpression";\n  }\n}\n
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return this.finishNode(node, type);\n }
\n\n maybeAsyncOrAccessorProp(prop) {\n  return !prop.computed &&
prop.key.type === "Identifier" && (this.isLiteralPropertyName() || this.match(types$1.bracketL) ||
this.match(types$1.star));\n }\n\n parsePropertyDefinition(isPattern, refExpressionErrors) {\n  let decorators =
[];\n\n  if (this.match(types$1.at)) {\n    if (this.hasPlugin("decorators")) {\n      this.raise(this.state.start,
ErrorMessages.UnsupportedPropertyDecorator);\n    }\n\n    while (this.match(types$1.at)) {\n
decorators.push(this.parseDecorator());\n    }\n\n    const prop = this.startNode();\n    let isGenerator = false;\n    let isAsync = false;\n    let isAccessor = false;\n    let startPos;\n    let startLoc;\n\n    if
(this.match(types$1.ellipsis)) {\n      if (decorators.length) this.unexpected();\n\n      if (isPattern) {\n
this.next();\n      prop.argument = this.parseIdentifier();\n      this.checkCommaAfterRest(125);\n      return
this.finishNode(prop, "RestElement");\n    }\n\n    return this.parseSpread();\n  }\n\n  if (decorators.length) {\n
prop.decorators = decorators;\n  decorators = [];\n  }\n\n  prop.method = false;\n\n  if (isPattern ||
refExpressionErrors) {\n    startPos = this.state.start;\n    startLoc = this.state.startLoc;\n  }\n\n  if (!isPattern)
{\n    isGenerator = this.eat(types$1.star);\n  }\n\n  const containsEsc = this.state.containsEsc;\n  const key =
this.parsePropertyName(prop, false);\n\n  if (!isPattern && !isGenerator && !containsEsc &&
this.maybeAsyncOrAccessorProp(prop)) {\n    const keyName = key.name;\n\n    if (keyName === "async" &&
!this.hasPrecedingLineBreak()) {\n      isAsync = true;\n      isGenerator = this.eat(types$1.star);\n
this.parsePropertyName(prop, false);\n    }\n\n    if (keyName === "get" || keyName === "set") {\n
isAccessor = true;\n    prop.kind = keyName;\n\n    if (this.match(types$1.star)) {\n      isGenerator = true;\n
      this.raise(this.state.pos, ErrorMessages.AccessorIsGenerator, keyName);\n      this.next();\n    }\n\n
this.parsePropertyName(prop, false);\n  }\n\n  this.parseObjPropValue(prop, startPos, startLoc,
isGenerator, isAsync, isPattern, isAccessor, refExpressionErrors);\n  return prop;\n }\n\n
getterSetterExpectedParamCount(method) {\n  return method.kind === "get" ? 0 : 1;\n }\n\n
getObjectOrClassMethodParams(method) {\n  return method.params;\n }\n\n
checkGetterSetterParams(method) {\n  var _params;\n\n  const paramCount = this.getGetterSetterExpectedParamCount(method);\n  const params =
this.getObjectOrClassMethodParams(method);\n  const start = method.start;\n\n  if (params.length !==
paramCount) {\n    if (method.kind === "get") {\n      this.raise(start, ErrorMessages.BadGetterArity);\n    }
else {\n      this.raise(start, ErrorMessages.BadSetterArity);\n    }\n  }\n\n  if (method.kind === "set" &&
((_params = params[params.length - 1]) == null ? void 0 : _params.type) === "RestElement") {\n
this.raise(start, ErrorMessages.BadSetterRestParameter);\n  }\n\n  parseObjectMethod(prop, isGenerator,
isAsync, isPattern, isAccessor) {\n    if (isAccessor) {\n      this.parseMethod(prop, isGenerator, false, false, false,
"ObjectMethod");\n      this.checkGetterSetterParams(prop);\n      return prop;\n    }\n\n    if (isAsync || isGenerator
|| this.match(types$1.parenL)) {\n      if (isPattern) this.unexpected();\n      prop.kind = "method";\n      prop.method
= true;\n      return this.parseMethod(prop, isGenerator, isAsync, false, false, "ObjectMethod");\n    }\n  }\n\n
parseObjectProperty(prop, startPos, startLoc, isPattern, refExpressionErrors) {\n  prop.shorthand = false;\n\n  if
(this.eat(types$1.colon)) {\n    prop.value = isPattern ? this.parseMaybeDefault(this.state.start, this.state.startLoc) :
this.parseMaybeAssignAllowIn(refExpressionErrors);\n    return this.finishNode(prop, "ObjectProperty");\n  }\n\n  if (!prop.computed && prop.key.type === "Identifier") {\n    this.checkReservedWord(prop.key.name,
prop.key.start, true, false);\n\n    if (isPattern) {\n      prop.value = this.parseMaybeDefault(startPos, startLoc,
prop.key.__clone());\n    } else if (this.match(types$1.eq) && refExpressionErrors) {\n      if
(refExpressionErrors.shorthandAssign === -1) {\n        refExpressionErrors.shorthandAssign = this.state.start;\n      }\n\n      prop.value = this.parseMaybeDefault(startPos, startLoc, prop.key.__clone());\n    } else {\n
prop.value = prop.key.__clone();\n    }\n\n    prop.shorthand = true;\n    return this.finishNode(prop,
"ObjectProperty");\n  }\n\n  parseObjPropValue(prop, startPos, startLoc, isGenerator, isAsync, isPattern,
isAccessor, refExpressionErrors) {\n    const node = this.parseObjectMethod(prop, isGenerator, isAsync, isPattern,
isAccessor) || this.parseObjectProperty(prop, startPos, startLoc, isPattern, refExpressionErrors);\n    if (!node)
this.unexpected();\n    return node;\n  }\n\n  parsePropertyName(prop, isPrivateNameAllowed) {\n    if
(this.eat(types$1.bracketL)) {\n      prop.computed = true;\n      prop.key = this.parseMaybeAssignAllowIn();\n      this.expect(types$1.bracketR);\n    } else {\n      const oldInPropertyName = this.state.inPropertyName;\n

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this.state.inPropertyName = true;\n    const type = this.state.type;\n    prop.key = type === types$1.num || type
=== types$1.string || type === types$1.bigint || type === types$1.decimal ? this.parseExprAtom() :
this.parseMaybePrivateName(isPrivateNameAllowed);\n\n    if (type !== types$1.privateName) {\n
prop.computed = false;\n    }\n\n    this.state.inPropertyName = oldInPropertyName;\n    }\n\n    return prop.key;\n
}\n\n    initFunction(node, isAsync) {\n    node.id = null;\n    node.generator = false;\n    node.async = !!isAsync;\n
}\n\n    parseMethod(node, isGenerator, isAsync, isConstructor, allowDirectSuper, type, inClassScope = false) {\n
this.initFunction(node, isAsync);\n    node.generator = !!isGenerator;\n    const allowModifiers = isConstructor;\n
this.scope.enter(SCOPE_FUNCTION | SCOPE_SUPER | (inClassScope ? SCOPE_CLASS : 0) | (allowDirectSuper
? SCOPE_DIRECT_SUPER : 0));\n    this.prodParam.enter(functionFlags(isAsync, node.generator));\n
this.parseFunctionParams(node, allowModifiers);\n    this.parseFunctionBodyAndFinish(node, type, true);\n
this.prodParam.exit();\n    this.scope.exit();\n    return node;\n    }\n\n    parseArrayLike(close, canBePattern, isTuple,
refExpressionErrors) {\n    if (isTuple) {\n    this.expectPlugin("recordAndTuple");\n    }\n\n    const
oldInFSharpPipelineDirectBody = this.state.inFSharpPipelineDirectBody;\n
this.state.inFSharpPipelineDirectBody = false;\n    const node = this.startNode();\n    this.next();\n    node.elements =
this.parseExprList(close, !isTuple, refExpressionErrors, node);\n    this.state.inFSharpPipelineDirectBody =
oldInFSharpPipelineDirectBody;\n    return this.finishNode(node, isTuple ? "TupleExpression" :
"ArrayExpression");\n    }\n\n    parseArrowExpression(node, params, isAsync, trailingCommaPos) {\n
this.scope.enter(SCOPE_FUNCTION | SCOPE_ARROW);\n    let flags = functionFlags(isAsync, false);\n\n    if
(!this.match(types$1.bracketL) && this.prodParam.hasIn) {\n    flags |= PARAM_IN;\n    }\n\n
this.prodParam.enter(flags);\n    this.initFunction(node, isAsync);\n    const oldMaybeInArrowParameters =
this.state.maybeInArrowParameters;\n\n    if (params) {\n    this.state.maybeInArrowParameters = true;\n
this.setArrowFunctionParameters(node, params, trailingCommaPos);\n    }\n\n
this.state.maybeInArrowParameters = false;\n    this.parseFunctionBody(node, true);\n    this.prodParam.exit();\n
this.scope.exit();\n    this.state.maybeInArrowParameters = oldMaybeInArrowParameters;\n    return
this.finishNode(node, "ArrowFunctionExpression");\n    }\n\n    setArrowFunctionParameters(node, params,
trailingCommaPos) {\n    node.params = this.toAssignableList(params, trailingCommaPos, false);\n    }\n\n
parseFunctionBodyAndFinish(node, type, isMethod = false) {\n    this.parseFunctionBody(node, false, isMethod);\n
this.finishNode(node, type);\n    }\n\n    parseFunctionBody(node, allowExpression, isMethod = false) {\n    const
isExpression = allowExpression && !this.match(types$1.braceL);\n
this.expressionScope.enter(newExpressionScope());\n\n    if (isExpression) {\n    node.body =
this.parseMaybeAssign();\n    this.checkParams(node, false, allowExpression, false);\n    } else {\n    const
oldStrict = this.state.strict;\n    const oldLabels = this.state.labels;\n    this.state.labels = [];\n
this.prodParam.enter(this.prodParam.currentFlags() | PARAM_RETURN);\n    node.body = this.parseBlock(true,
false, hasStrictModeDirective => {\n    const nonSimple = !this.isSimpleParamList(node.params);\n\n    if
(hasStrictModeDirective && nonSimple) {\n    const errorPos = (node.kind === "method" || node.kind ===
"constructor") && !!node.key ? node.key.end : node.start;\n    this.raise(errorPos,
ErrorMessages.IllegalLanguageModeDirective);\n    }\n\n    const strictModeChanged = !oldStrict &&
this.state.strict;\n    this.checkParams(node, !this.state.strict && !allowExpression && !isMethod &&
!nonSimple, allowExpression, strictModeChanged);\n\n    if (this.state.strict && node.id) {\n
this.checkLVal(node.id, "function name", BIND_OUTSIDE, undefined, undefined, strictModeChanged);\n    }\n
}\n\n    this.prodParam.exit();\n    this.expressionScope.exit();\n    this.state.labels = oldLabels;\n    }\n\n
isSimpleParamList(params) {\n    for (let i = 0, len = params.length; i < len; i++) {\n    if (params[i].type !==
"Identifier") return false;\n    }\n\n    return true;\n    }\n\n    checkParams(node, allowDuplicates, isArrowFunction,
strictModeChanged = true) {\n    const checkClashes = new Set();\n\n    for (const param of node.params) {\n
this.checkLVal(param, "function parameter list", BIND_VAR, allowDuplicates ? null : checkClashes, undefined,
strictModeChanged);\n    }\n    }\n\n    parseExprList(close, allowEmpty, refExpressionErrors, nodeForExtra) {\n
const elts = [];\n    let first = true;\n\n    while (!this.eat(close)) {\n    if (first) {\n    first = false;\n    } else {\n
this.expect(types$1.comma);\n\n    if (this.match(close)) {\n    if (nodeForExtra) {\n

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this.addExtra(nodeForExtra, "trailingComma", this.state.lastTokStart);\n      }\n      this.next();\nbreak;\n  }\n  }\n  elts.push(this.parseExprListItem(allowEmpty, refExpressionErrors));\n  }\n  return\nelts;\n  }\n  parseExprListItem(allowEmpty, refExpressionErrors, refNeedsArrowPos, allowPlaceholder) {\n  let\nelt;\n  if (this.match(types$1.comma)) {\n    if (!allowEmpty) {\n      this.raise(this.state.pos,\nErrorMessages.UnexpectedToken, ",");\n    }\n    elt = null;\n  } else if (this.match(types$1.ellipsis)) {\nconst spreadNodeStartPos = this.state.start;\n  const spreadNodeStartLoc = this.state.startLoc;\n  elt =\nthis.parseParenItem(this.parseSpread(refExpressionErrors, refNeedsArrowPos), spreadNodeStartPos,\nspreadNodeStartLoc);\n  } else if (this.match(types$1.question)) {\nthis.expectPlugin("partialApplication");\n\n  if (!allowPlaceholder) {\n    this.raise(this.state.start,\nErrorMessages.UnexpectedArgumentPlaceholder);\n  }\n\n  const node = this.startNode();\n  this.next();\nelt = this.finishNode(node, "ArgumentPlaceholder");\n  } else {\n    elt =\nthis.parseMaybeAssignAllowIn(refExpressionErrors, this.parseParenItem, refNeedsArrowPos);\n  }\n  return\nelt;\n  }\n  parseIdentifier(liberal) {\n  const node = this.startNode();\n  const name =\nthis.parseIdentifierName(node.start, liberal);\n  return this.createIdentifier(node, name);\n  }\n\ncreateIdentifier(node, name) {\n  node.name = name;\n  node.loc.identifierName = name;\n  return\nthis.finishNode(node, "Identifier");\n  }\n  parseIdentifierName(pos, liberal) {\n  let name;\n  const {\nstart,\n  type\n} = this.state;\n\n  if (type === types$1.name) {\n    name = this.state.value;\n  } else if\n(type.keyword) {\n    name = type.keyword;\n    const curContext = this.curContext();\n\n    if ((type ===\ntypes$1._class || type === types$1._function) && (curContext === types.functionStatement || curContext ===\ntypes.functionExpression)) {\n      this.state.context.pop();\n    }\n  } else {\n    throw this.unexpected();\n  }\n\n  if (liberal) {\n    this.state.type = types$1.name;\n  } else {\n    this.checkReservedWord(name, start,\n!!type.keyword, false);\n  }\n\n  this.next();\n  return name;\n  }\n  checkReservedWord(word, startLoc,\ncheckKeywords, isBinding) {\n  if (this.prodParam.hasYield && word === "yield") {\n    this.raise(startLoc,\nErrorMessages.YieldBindingIdentifier);\n    return;\n  }\n\n  if (word === "await") {\n    if\n(this.prodParam.hasAwait) {\n      this.raise(startLoc, ErrorMessages.AwaitBindingIdentifier);\n      return;\n    }\n    else if (this.scope.inStaticBlock && !this.scope.inNonArrowFunction) {\n      this.raise(startLoc,\nErrorMessages.AwaitBindingIdentifierInStaticBlock);\n      return;\n    }\n    else {\n      this.expressionScope.recordAsyncArrowParametersError(startLoc, ErrorMessages.AwaitBindingIdentifier);\n    }\n  }\n\n  if (this.scope.inClass && !this.scope.inNonArrowFunction && word === "arguments") {\n    this.raise(startLoc, ErrorMessages.ArgumentsInClass);\n    return;\n  }\n\n  if (checkKeywords &&\nisKeyword(word)) {\n    this.raise(startLoc, ErrorMessages.UnexpectedKeyword, word);\n    return;\n  }\n\n  const reservedTest = !this.state.strict ? isReservedWord : isBinding ? isStrictBindReservedWord :\nisStrictReservedWord;\n\n  if (reservedTest(word, this.inModule)) {\n    this.raise(startLoc,\nErrorMessages.UnexpectedReservedWord, word);\n  }\n  }\n  isAwaitAllowed() {\n  if\n(this.prodParam.hasAwait) return true;\n\n  if (this.options.allowAwaitOutsideFunction && !this.scope.inFunction)\n{\n    return true;\n  }\n\n  return false;\n  }\n  parseAwait(startPos, startLoc) {\n  const node =\nthis.startNodeAt(startPos, startLoc);\n  this.expressionScope.recordParameterInitializerError(node.start,\nErrorMessages.AwaitExpressionFormalParameter);\n\n  if (this.eat(types$1.star)) {\n    this.raise(node.start,\nErrorMessages.ObsoleteAwaitStar);\n  }\n\n  if (!this.scope.inFunction &&\n!this.options.allowAwaitOutsideFunction) {\n    if (this.isAmbiguousAwait()) {\n      this.ambiguousScriptDifferentAst = true;\n    }\n    else {\n      this.sawUnambiguousESM = true;\n    }\n  }\n\n  if (!this.state.soloAwait) {\n    node.argument = this.parseMaybeUnary(null, true);\n  }\n\n  return\nthis.finishNode(node, "AwaitExpression");\n  }\n  isAmbiguousAwait() {\n  return\nthis.hasPrecedingLineBreak() || this.match(types$1.plusMin) || this.match(types$1.parenL) ||\nthis.match(types$1.bracketL) || this.match(types$1.backQuote) || this.match(types$1.regexp) ||\nthis.match(types$1.slash) || this.hasPlugin("v8intrinsic") && this.match(types$1.modulo);\n  }\n  parseYield()\n{\n  const node = this.startNode();\n  this.expressionScope.recordParameterInitializerError(node.start,\nErrorMessages.YieldInParameter);\n  this.next();\n\n  if (this.match(types$1.semi) || !this.match(types$1.star) &&

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!this.state.type.startsExpr || this.hasPrecedingLineBreak() {\n    node.delegate = false;\n    node.argument =
null;\n } else {\n    node.delegate = this.eat(types$1.star);\n    node.argument = this.parseMaybeAssign();\n
}\n\n return this.finishNode(node, \"YieldExpression\");\n } }\n\n checkPipelineAtInfixOperator(left, leftStartPos)
{\n    if (this.getPluginOption(\"pipelineOperator\", \"proposal\") === \"smart\") {\n        if (left.type ===
\"SequenceExpression\") {\n            this.raise(leftStartPos, ErrorMessages.PipelineHeadSequenceExpression);\n        }\n
}\n }\n\n parseSmartPipelineBody(childExpression, startPos, startLoc) {\n
this.checkSmartPipelineBodyEarlyErrors(childExpression, startPos);\n return
this.parseSmartPipelineBodyInStyle(childExpression, startPos, startLoc);\n }\n\n
checkSmartPipelineBodyEarlyErrors(childExpression, startPos) {\n    if (this.match(types$1.arrow)) {\n        throw
this.raise(this.state.start, ErrorMessages.PipelineBodyNoArrow);\n    } else if (childExpression.type ===
\"SequenceExpression\") {\n        this.raise(startPos, ErrorMessages.PipelineBodySequenceExpression);\n    }\n }\n\n
parseSmartPipelineBodyInStyle(childExpression, startPos, startLoc) {\n    const bodyNode =
this.startNodeAt(startPos, startLoc);\n    const isSimpleReference = this.isSimpleReference(childExpression);\n\n
if (isSimpleReference) {\n        bodyNode.callee = childExpression;\n    } else {\n        if
(!this.topicReferenceWasUsedInCurrentTopicContext()) {\n            this.raise(startPos,
ErrorMessages.PipelineTopicUnused);\n        }\n\n        bodyNode.expression = childExpression;\n    }\n\n return
this.finishNode(bodyNode, isSimpleReference ? \"PipelineBareFunction\" : \"PipelineTopicExpression\");\n }\n\n
isSimpleReference(expression) {\n    switch (expression.type) {\n        case \"MemberExpression\":\n            return
!expression.computed && this.isSimpleReference(expression.object);\n        case \"Identifier\":\n            return
true;\n        default:\n            return false;\n    }\n }\n\n withTopicPermittingContext(callback) {\n    const
outerContextTopicState = this.state.topicContext;\n    this.state.topicContext = {\n        maxNumOfResolvableTopics:
1,\n        maxTopicIndex: null\n    };\n\n    try {\n        return callback();\n    } finally {\n        this.state.topicContext =
outerContextTopicState;\n    }\n }\n\n withTopicForbiddingContext(callback) {\n    const outerContextTopicState
= this.state.topicContext;\n    this.state.topicContext = {\n        maxNumOfResolvableTopics: 0,\n        maxTopicIndex:
null\n    };\n\n    try {\n        return callback();\n    } finally {\n        this.state.topicContext = outerContextTopicState;\n
}\n }\n\n withSoloAwaitPermittingContext(callback) {\n    const outerContextSoloAwaitState =
this.state.soloAwait;\n    this.state.soloAwait = true;\n\n    try {\n        return callback();\n    } finally {\n
this.state.soloAwait = outerContextSoloAwaitState;\n    }\n }\n\n allowInAnd(callback) {\n    const flags =
this.prodParam.currentFlags();\n    const prodParamToSet = PARAM_IN & ~flags;\n\n    if (prodParamToSet) {\n
this.prodParam.enter(flags | PARAM_IN);\n\n    try {\n        return callback();\n    } finally {\n
this.prodParam.exit();\n    }\n }\n\n return callback();\n }\n\n disallowInAnd(callback) {\n    const flags =
this.prodParam.currentFlags();\n    const prodParamToClear = PARAM_IN & flags;\n\n    if (prodParamToClear)
{\n        this.prodParam.enter(flags & ~PARAM_IN);\n\n    try {\n        return callback();\n    } finally {\n
this.prodParam.exit();\n    }\n }\n\n return callback();\n }\n\n registerTopicReference() {\n
this.state.topicContext.maxTopicIndex = 0;\n }\n\n primaryTopicReferenceIsAllowedInCurrentTopicContext() {\n
return this.state.topicContext.maxNumOfResolvableTopics >= 1;\n }\n\n
topicReferenceWasUsedInCurrentTopicContext() {\n    return this.state.topicContext.maxTopicIndex != null &&
this.state.topicContext.maxTopicIndex >= 0;\n }\n\n parseFSharpPipelineBody(prec) {\n    const startPos =
this.state.start;\n    const startLoc = this.state.startLoc;\n    this.state.potentialArrowAt = this.state.start;\n    const
oldInFSharpPipelineDirectBody = this.state.inFSharpPipelineDirectBody;\n\n    this.state.inFSharpPipelineDirectBody = true;\n    const ret = this.parseExprOp(this.parseMaybeUnary(), startPos,
startLoc, prec);\n    this.state.inFSharpPipelineDirectBody = oldInFSharpPipelineDirectBody;\n    return ret;\n }\n\n
parseModuleExpression() {\n    this.expectPlugin(\"moduleBlocks\");\n    const node = this.startNode();\n\n    this.next();\n    this.eat(types$1.braceL);\n    const revertScopes = this.initializeScopes(true);\n\n    this.enterInitialScopes();\n    const program = this.startNode();\n\n    try {\n        node.body =
this.parseProgram(program, types$1.braceR, \"module\");\n    } finally {\n        revertScopes();\n    }\n\n
this.eat(types$1.braceR);\n    return this.finishNode(node, \"ModuleExpression\");\n }\n\n }\n\n }\n\n const loopLabel =
{\n    kind: \"loop\"\n },\n    switchLabel = {\n    kind: \"switch\"\n }; \n\n const FUNC_NO_FLAGS = 0b000,\n

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FUNC_STATEMENT = 0b001,\n    FUNC_HANGING_STATEMENT = 0b010,\n    FUNC_NULLABLE_ID =
0b100;\nconst loneSurrogate = /[\uD800-\uFFFF]/u;\n\nfunction babel7CompatTokens(tokens) {\n  for (let i
= 0; i < tokens.length; i++) {\n    const token = tokens[i];\n    if (token.type === types$1.privateName) {\n
const {\n      loc,\n      start,\n      value,\n      end\n    } = token;\n    const hashEndPos = start + 1;\n
const hashEndLoc = new Position(loc.start.line, loc.start.column + 1);\n    tokens.splice(i, 1, new Token({\n
type: types$1.hash,\n      value: \"#\",\n      start: start,\n      end: hashEndPos,\n      startLoc: loc.start,\n
endLoc: hashEndLoc\n    }), new Token({\n      type: types$1.name,\n      value: value,\n      start:
hashEndPos,\n      end: end,\n      startLoc: hashEndLoc,\n      endLoc: loc.end\n    }));\n  }\n}\n\nreturn
tokens;\n}\n\nclass StatementParser extends ExpressionParser {\n  parseTopLevel(file, program) {\n    file.program
= this.parseProgram(program);\n    file.comments = this.state.comments;\n    if (this.options.tokens)\n      file.tokens = babel7CompatTokens(this.tokens);\n    return this.finishNode(file, \"File\");\n  }\n\n  parseProgram(program, end = types$1.eof, sourceType = this.options.sourceType) {\n    program.sourceType =
sourceType;\n    program.interpreter = this.parseInterpreterDirective();\n    this.parseBlockBody(program, true, true,
end);\n\n    if (this.inModule && !this.options.allowUndeclaredExports && this.scope.undefinedExports.size > 0)\n      {\n        for (const [name] of Array.from(this.scope.undefinedExports)) {\n          const pos =
this.scope.undefinedExports.get(name);\n          this.raise(pos, ErrorMessages.ModuleExportUndefined, name);\n        }\n      }\n\n    return this.finishNode(program, \"Program\");\n  }\n\n  stmtToDirective(stmt) {\n    const expr =
stmt.expression;\n    const directiveLiteral = this.startNodeAt(expr.start, expr.loc.start);\n    const directive =
this.startNodeAt(stmt.start, stmt.loc.start);\n    const raw = this.input.slice(expr.start, expr.end);\n    const val =
directiveLiteral.value = raw.slice(1, -1);\n    this.addExtra(directiveLiteral, \"raw\", raw);\n    this.addExtra(directiveLiteral, \"rawValue\", val);\n    directive.value = this.finishNodeAt(directiveLiteral,
\"DirectiveLiteral\", expr.end, expr.loc.end);\n    return this.finishNodeAt(directive, \"Directive\", stmt.end,
stmt.loc.end);\n  }\n\n  parseInterpreterDirective() {\n    if (!this.match(types$1.interpreterDirective)) {\n      return
null;\n    }\n\n    const node = this.startNode();\n    node.value = this.state.value;\n    this.next();\n    return
this.finishNode(node, \"InterpreterDirective\");\n  }\n\n  isLet(context) {\n    if (!this.isContextual(\"let\")) {\n      return
false;\n    }\n\n    return this.isLetKeyword(context);\n  }\n\n  isLetKeyword(context) {\n    const next =
this.nextTokenStart();\n    const nextCh = this.input.charCodeAt(next);\n\n    if (nextCh === 92 || nextCh === 91)\n      {\n        return true;\n      }\n\n    if (context) return false;\n    if (nextCh === 123) return true;\n\n    if
(isIdentifierStart(nextCh)) {\n      let pos = next + 1;\n\n      while (isIdentifierChar(this.input.charCodeAt(pos))) {\n        ++pos;\n      }\n\n      const ident = this.input.slice(next, pos);\n      if (!keywordRelationalOperator.test(ident))\n        return true;\n    }\n\n    return false;\n  }\n\n  parseStatement(context, topLevel) {\n    if (this.match(types$1.at)) {\n      this.parseDecorators(true);\n    }\n\n    return this.parseStatementContent(context, topLevel);\n  }\n\n  parseStatementContent(context, topLevel) {\n    let startype = this.state.type;\n    const node = this.startNode();\n    let kind;\n\n    if (this.isLet(context)) {\n      startype = types$1._var;\n      kind = \"let\";\n    }\n\n    switch
(startype) {\n      case types$1._break:\n      case types$1._continue:\n        return
this.parseBreakContinueStatement(node, startype.keyword);\n\n      case types$1._debugger:\n        return
this.parseDebuggerStatement(node);\n\n      case types$1._do:\n        return this.parseDoStatement(node);\n\n      case
types$1._for:\n        return this.parseForStatement(node);\n\n      case types$1._function:\n        if
(this.lookaheadCharCode() === 46) break;\n\n        if (context) {\n          if (this.state.strict) {\n            this.raise(this.state.start, ErrorMessages.StrictFunction);\n          } else if (context !== \"if\" && context !==
\"label\") {\n            this.raise(this.state.start, ErrorMessages.SloppyFunction);\n          }\n        }\n\n        return
this.parseFunctionStatement(node, false, !context);\n\n      case types$1._class:\n        if (context)\n          this.unexpected();\n        return this.parseClass(node, true);\n\n      case types$1._if:\n        return
this.parseIfStatement(node);\n\n      case types$1._return:\n        return this.parseReturnStatement(node);\n\n      case
types$1._switch:\n        return this.parseSwitchStatement(node);\n\n      case types$1._throw:\n        return
this.parseThrowStatement(node);\n\n      case types$1._try:\n        return this.parseTryStatement(node);\n\n      case
types$1._const:\n      case types$1._var:\n        kind = kind || this.state.value;\n\n        if (context && kind !==
\"var\") {\n          this.raise(this.state.start, ErrorMessages.UnexpectedLexicalDeclaration);\n        }\n\n        return

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this.parseVarStatement(node, kind);\n\n case types$1._while:\n return this.parseWhileStatement(node);\n\n case types$1._with:\n return this.parseWithStatement(node);\n\n case types$1.braceL:\n return
this.parseBlock();\n\n case types$1.semi:\n return this.parseEmptyStatement(node);\n\n case
types$1._import:\n {\n const nextTokenCharCode = this.lookaheadCharCode();\n if
(nextTokenCharCode === 40 || nextTokenCharCode === 46) {\n break;\n }\n }\n\n case
types$1._export:\n {\n if (!this.options.allowImportExportEverywhere && !topLevel) {\n
this.raise(this.state.start, ErrorMessages.UnexpectedImportExport);\n }\n\n this.next();\n let
result;\n if (starttype === types$1._import) {\n result = this.parseImport(node);\n if
(result.type === \"ImportDeclaration\" && (!result.importKind || result.importKind === \"value\")) {\n
this.sawUnambiguousESM = true;\n }\n } else {\n result = this.parseExport(node);\n if
(result.type === \"ExportNamedDeclaration\" && (!result.exportKind || result.exportKind === \"value\")) ||
result.type === \"ExportAllDeclaration\" && (!result.exportKind || result.exportKind === \"value\") || result.type
=== \"ExportDefaultDeclaration\") {\n this.sawUnambiguousESM = true;\n }\n }\n\n
this.assertModuleNodeAllowed(node);\n return result;\n }\n\n default:\n {\n if
(this.isAsyncFunction()) {\n if (context) {\n this.raise(this.state.start,
ErrorMessages.AsyncFunctionInSingleStatementContext);\n }\n\n this.next();\n return
this.parseFunctionStatement(node, true, !context);\n }\n }\n\n const maybeName =
this.state.value;\n const expr = this.parseExpression();\n\n if (starttype === types$1.name && expr.type ===
\"Identifier\" && this.eat(types$1.colon)) {\n return this.parseLabeledStatement(node, maybeName, expr,
context);\n } else {\n return this.parseExpressionStatement(node, expr);\n }\n }\n\n
assertModuleNodeAllowed(node) {\n if (!this.options.allowImportExportEverywhere && !this.inModule) {\n
this.raise(node.start, SourceTypeModuleErrorMessages.ImportOutsideModule);\n }\n }\n\n
takeDecorators(node) {\n const decorators = this.state.decoratorStack[this.state.decoratorStack.length - 1];\n\n if
(decorators.length) {\n node.decorators = decorators;\n this.resetStartLocationFromNode(node,
decorators[0]);\n this.state.decoratorStack[this.state.decoratorStack.length - 1] = [];\n }\n }\n\n
canHaveLeadingDecorator() {\n return this.match(types$1._class);\n }\n\n parseDecorators(allowExport) {\n
const currentContextDecorators = this.state.decoratorStack[this.state.decoratorStack.length - 1];\n\n while
(this.match(types$1.at)) {\n const decorator = this.parseDecorator();\n
currentContextDecorators.push(decorator);\n }\n\n if (this.match(types$1._export)) {\n if (!allowExport) {\n
this.unexpected();\n }\n\n if (this.hasPlugin(\"decorators\") && !this.getPluginOption(\"decorators\",
\"decoratorsBeforeExport\")) {\n this.raise(this.state.start, ErrorMessages.DecoratorExportClass);\n }\n }
else if (!this.canHaveLeadingDecorator()) {\n throw this.raise(this.state.start,
ErrorMessages.UnexpectedLeadingDecorator);\n }\n }\n\n parseDecorator() {\n
this.expectOnePlugin([\"decorators-legacy\", \"decorators\"]);\n const node = this.startNode();\n this.next();\n\n
if (this.hasPlugin(\"decorators\")) {\n this.state.decoratorStack.push([]);\n const startPos = this.state.start;\n
const startLoc = this.state.startLoc;\n let expr;\n\n if (this.eat(types$1.parenL)) {\n expr =
this.parseExpression();\n this.expect(types$1.parenR);\n } else {\n expr = this.parseIdentifier(false);\n\n
while (this.eat(types$1.dot)) {\n const node = this.startNodeAt(startPos, startLoc);\n node.object =
expr;\n node.property = this.parseIdentifier(true);\n node.computed = false;\n expr =
this.finishNode(node, \"MemberExpression\");\n }\n }\n\n node.expression =
this.parseMaybeDecoratorArguments(expr);\n this.state.decoratorStack.pop();\n } else {\n node.expression
= this.parseExprSubscripts();\n }\n\n return this.finishNode(node, \"Decorator\");\n }\n\n
parseMaybeDecoratorArguments(expr) {\n if (this.eat(types$1.parenL)) {\n const node =
this.startNodeAtNode(expr);\n node.callee = expr;\n node.arguments =
this.parseCallExpressionArguments(types$1.parenR, false);\n this.toReferencedList(node.arguments);\n return
this.finishNode(node, \"CallExpression\");\n }\n\n return expr;\n }\n\n parseBreakContinueStatement(node,
keyword) {\n const isBreak = keyword === \"break\";\n this.next();\n\n if (this.isLineTerminator()) {\n
node.label = null;\n } else {\n node.label = this.parseIdentifier();\n this.semicolon();\n }\n }\n

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this.verifyBreakContinue(node, keyword);\n return this.finishNode(node, isBreak ? \"BreakStatement\" :
\"ContinueStatement\");\n }\n\n verifyBreakContinue(node, keyword) {\n const isBreak = keyword ===
\"break\";\n let i;\n for (i = 0; i < this.state.labels.length; ++i) {\n const lab = this.state.labels[i];\n if
(node.label == null || lab.name === node.label.name) {\n if (lab.kind != null && (isBreak || lab.kind ===
\"loop\")) break;\n if (node.label && isBreak) break;\n }\n }\n if (i === this.state.labels.length) {\n
this.raise(node.start, ErrorMessages.IllegalBreakContinue, keyword);\n }\n }\n\n parseDebuggerStatement(node)
{\n this.next();\n this.semicolon();\n return this.finishNode(node, \"DebuggerStatement\");\n }\n\n parseHeaderExpression() {\n this.expect(types$1.parenL);\n const val = this.parseExpression();\n this.expect(types$1.parenR);\n return val;\n }\n\n parseDoStatement(node) {\n this.next();\n this.state.labels.push(loopLabel);\n node.body = this.withTopicForbiddingContext(() =>
this.parseStatement(\"do\"));\n this.state.labels.pop();\n this.expect(types$1._while);\n node.test =
this.parseHeaderExpression();\n this.eat(types$1.semi);\n return this.finishNode(node, \"DoWhileStatement\");\n }\n\n parseForStatement(node) {\n this.next();\n this.state.labels.push(loopLabel);\n let awaitAt = -1;\n if
(this.isAwaitAllowed() && this.eatContextual(\"await\")) {\n awaitAt = this.state.lastTokStart;\n }\n\n this.scope.enter(SCOPE_OTHER);\n this.expect(types$1.parenL);\n\n if (this.match(types$1.semi)) {\n if
(awaitAt > -1) {\n this.unexpected(awaitAt);\n }\n\n return this.parseFor(node, null);\n }\n\n const
startsWithLet = this.isContextual(\"let\");\n const isLet = startsWithLet && this.isLetKeyword();\n\n if
(this.match(types$1._var) || this.match(types$1._const) || isLet) {\n const init = this.startNode();\n const kind =
isLet ? \"let\" : this.state.value;\n this.next();\n this.parseVar(init, true, kind);\n this.finishNode(init,
\"VariableDeclaration\");\n\n if ((this.match(types$1._in) || this.isContextual(\"of\")) && init.declarations.length
=== 1) {\n return this.parseForIn(node, init, awaitAt);\n }\n\n if (awaitAt > -1) {\n
this.unexpected(awaitAt);\n }\n\n return this.parseFor(node, init);\n }\n\n const startsWithUnescapedName
= this.match(types$1.name) && !this.state.containsEsc;\n const refExpressionErrors = new ExpressionErrors();\n
const init = this.parseExpression(true, refExpressionErrors);\n const isForOf = this.isContextual(\"of\");\n\n if
(isForOf) {\n if (startsWithLet) {\n this.raise(init.start, ErrorMessages.ForOfLet);\n } else if (awaitAt ===
-1 && startsWithUnescapedName && init.type === \"Identifier\" && init.name === \"async\") {\n
this.raise(init.start, ErrorMessages.ForOfAsync);\n }\n }\n\n if (isForOf || this.match(types$1._in)) {\n
this.toAssignable(init, true);\n const description = isForOf ? \"for-of statement\" : \"for-in statement\";\n
this.checkLVal(init, description);\n return this.parseForIn(node, init, awaitAt);\n } else {\n
this.checkExpressionErrors(refExpressionErrors, true);\n }\n\n if (awaitAt > -1) {\n
this.unexpected(awaitAt);\n }\n\n return this.parseFor(node, init);\n }\n\n\n parseFunctionStatement(node,
isAsync, declarationPosition) {\n this.next();\n return this.parseFunction(node, FUNC_STATEMENT |
(declarationPosition ? 0 : FUNC_HANGING_STATEMENT), isAsync);\n }\n\n\n parseIfStatement(node) {\n
this.next();\n node.test = this.parseHeaderExpression();\n node.consequent = this.parseStatement(\"if\");\n
node.alternate = this.eat(types$1._else) ? this.parseStatement(\"if\") : null;\n return this.finishNode(node,
\"IfStatement\");\n }\n\n\n parseReturnStatement(node) {\n if (!this.prodParam.hasReturn &&
!this.options.allowReturnOutsideFunction) {\n this.raise(this.state.start, ErrorMessages.IllegalReturn);\n }\n\n
this.next();\n\n if (this.isLineTerminator()) {\n node.argument = null;\n } else {\n node.argument =
this.parseExpression();\n this.semicolon();\n }\n\n return this.finishNode(node, \"ReturnStatement\");\n }\n\n\n
parseSwitchStatement(node) {\n this.next();\n node.discriminant = this.parseHeaderExpression();\n const cases
= node.cases = [];\n this.expect(types$1.braceL);\n this.state.labels.push(switchLabel);\n
this.scope.enter(SCOPE_OTHER);\n let cur;\n\n for (let sawDefault; !this.match(types$1.braceR);) {\n if
(this.match(types$1._case) || this.match(types$1._default)) {\n const isCase = this.match(types$1._case);\n
if (cur) this.finishNode(cur, \"SwitchCase\");\n cases.push(cur = this.startNode());\n cur.consequent = [];\n
this.next();\n\n if (isCase) {\n cur.test = this.parseExpression();\n } else {\n if (sawDefault)
{\n this.raise(this.state.lastTokStart, ErrorMessages.MultipleDefaultsInSwitch);\n }\n\n
sawDefault = true;\n cur.test = null;\n }\n\n this.expect(types$1.colon);\n } else {\n if (cur) {\n
cur.consequent.push(this.parseStatement(null));\n } else {\n this.unexpected();\n }\n }\n }\n

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\n\n  this.scope.exit();\n  if (cur) this.finishNode(cur, \"SwitchCase\");\n  this.next();\n  this.state.labels.pop();\n  return this.finishNode(node, \"SwitchStatement\");\n}\n\n parseThrowStatement(node) {\n  this.next();\n\n  if (this.hasPrecedingLineBreak()) {\n    this.raise(this.state.lastTokEnd,\n      ErrorMessages.NewlineAfterThrow);\n  }\n\n  node.argument = this.parseExpression();\n  this.semicolon();\n  return this.finishNode(node, \"ThrowStatement\");\n}\n\n parseCatchClauseParam() {\n  const param =\n    this.parseBindingAtom();\n  const simple = param.type === \"Identifier\";\n  this.scope.enter(simple ?\n    SCOPE_SIMPLE_CATCH : 0);\n  this.checkLVal(param, \"catch clause\", BIND_LEXICAL);\n  return param;\n}\n\n parseTryStatement(node) {\n  this.next();\n  node.block = this.parseBlock();\n  node.handler = null;\n\n  if (this.match(types$1._catch)) {\n    const clause = this.startNode();\n    this.next();\n\n    if\n      (this.match(types$1.parenL)) {\n      this.expect(types$1.parenL);\n      clause.param =\n        this.parseCatchClauseParam();\n      this.expect(types$1.parenR);\n    } else {\n      clause.param = null;\n      this.scope.enter(SCOPE_OTHER);\n    }\n\n    clause.body = this.withTopicForbiddingContext(() =>\n      this.parseBlock(false, false));\n    this.scope.exit();\n    node.handler = this.finishNode(clause, \"CatchClause\");\n  }\n\n  node.finalizer = this.eat(types$1._finally) ? this.parseBlock() : null;\n\n  if (!node.handler &&\n    !node.finalizer) {\n    this.raise(node.start, ErrorMessages.NoCatchOrFinally);\n  }\n\n  return\n    this.finishNode(node, \"TryStatement\");\n}\n\n parseVarStatement(node, kind) {\n  this.next();\n  this.parseVar(node, false, kind);\n  this.semicolon();\n  return this.finishNode(node, \"VariableDeclaration\");\n}\n\n parseWhileStatement(node) {\n  this.next();\n  node.test = this.parseHeaderExpression();\n  this.state.labels.push(loopLabel);\n  node.body = this.withTopicForbiddingContext(() =>\n    this.parseStatement(\"while\"));\n  this.state.labels.pop();\n  return this.finishNode(node, \"WhileStatement\");\n}\n\n parseWithStatement(node) {\n  if (this.state.strict) {\n    this.raise(this.state.start,\n      ErrorMessages.StrictWith);\n  }\n\n  this.next();\n  node.object = this.parseHeaderExpression();\n  node.body =\n    this.withTopicForbiddingContext(() => this.parseStatement(\"with\"));\n  return this.finishNode(node,\n    \"WithStatement\");\n}\n\n parseEmptyStatement(node) {\n  this.next();\n  return this.finishNode(node,\n    \"EmptyStatement\");\n}\n\n parseLabeledStatement(node, maybeName, expr, context) {\n  for (const label of\n    this.state.labels) {\n    if (label.name === maybeName) {\n      this.raise(expr.start,\n        ErrorMessages.LabelRedeclaration, maybeName);\n    }\n  }\n\n  const kind = this.state.type.isLoop ? \"loop\" :\n    this.match(types$1._switch) ? \"switch\" : null;\n\n  for (let i = this.state.labels.length - 1; i >= 0; i--) {\n    const\n      label = this.state.labels[i];\n\n    if (label.statementStart === node.start) {\n      label.statementStart =\n        this.state.start;\n      label.kind = kind;\n    } else {\n      break;\n    }\n  }\n\n  this.state.labels.push({\n    name: maybeName,\n    kind: kind,\n    statementStart: this.state.start\n  });\n  node.body =\n    this.parseStatement(context ? context.indexOf(\"label\") === -1 ? context + \"label\" : context : \"label\");\n  this.state.labels.pop();\n  node.label = expr;\n  return this.finishNode(node, \"LabeledStatement\");\n}\n\n parseExpressionStatement(node, expr) {\n  node.expression = expr;\n  this.semicolon();\n  return\n    this.finishNode(node, \"ExpressionStatement\");\n}\n\n parseBlock(allowDirectives = false,\n  createNewLexicalScope = true, afterBlockParse) {\n  const node = this.startNode();\n\n  if (allowDirectives) {\n    this.state.strictErrors.clear();\n  }\n\n  this.expect(types$1.braceL);\n\n  if (createNewLexicalScope) {\n    this.scope.enter(SCOPE_OTHER);\n  }\n\n  this.parseBlockBody(node, allowDirectives, false, types$1.braceR,\n    afterBlockParse);\n\n  if (createNewLexicalScope) {\n    this.scope.exit();\n  }\n\n  return this.finishNode(node,\n    \"BlockStatement\");\n}\n\n isValidDirective(stmt) {\n  return stmt.type === \"ExpressionStatement\" &&\n    stmt.expression.type === \"StringLiteral\" && !stmt.expression.extra.parenthesized;\n}\n\n parseBlockBody(node, allowDirectives, topLevel, end, afterBlockParse) {\n  const body = node.body = [];\n  const directives = node.directives = [];\n  this.parseBlockOrModuleBlockBody(body, allowDirectives ? directives :\n    undefined, topLevel, end, afterBlockParse);\n}\n\n parseBlockOrModuleBlockBody(body, directives, topLevel,\n  end, afterBlockParse) {\n  const oldStrict = this.state.strict;\n  let hasStrictModeDirective = false;\n  let\n    parsedNonDirective = false;\n\n  while (!this.match(end)) {\n    const stmt = this.parseStatement(null,\n      topLevel);\n\n    if (directives && !parsedNonDirective) {\n      if (this.isValidDirective(stmt)) {\n        const\n          directive = this.stmtToDirective(stmt);\n        directives.push(directive);\n        if (!hasStrictModeDirective &&
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directive.value.value === "use strict") {\n      hasStrictModeDirective = true;\n      this.setStrict(true);\n    }\n\n    continue;\n  }\n\n  parsedNonDirective = true;\n  this.state.strictErrors.clear();\n}\n\nbody.push(stmt);\n}\n\nif (afterBlockParse) {\n  afterBlockParse.call(this, hasStrictModeDirective);\n}\n\nif (!oldStrict) {\n  this.setStrict(false);\n}\n\nthis.next();\n}\n\nparseFor(node, init) {\n  node.init = init;\n  this.semicolon(false);\n  node.test = this.match(types$1.semi) ? null : this.parseExpression();\n  this.semicolon(false);\n  node.update = this.match(types$1.parenR) ? null : this.parseExpression();\n  this.expect(types$1.parenR);\n  node.body = this.withTopicForbiddingContext(() =>\n    this.parseStatement("for");\n    this.scope.exit();\n    this.state.labels.pop();\n    return this.finishNode(node, "ForStatement");\n  );\n  parseForIn(node, init, awaitAt) {\n    const isForIn = this.match(types$1._in);\n    this.next();\n    if (isForIn) {\n      if (awaitAt > -1) this.unexpected(awaitAt);\n    } else {\n      node.await = awaitAt > -1;\n    }\n    if (init.type === "VariableDeclaration" && init.declarations[0].init != null && (!isForIn || this.state.strict || init.kind !== "var" || init.declarations[0].id.type !== "Identifier")) {\n      this.raise(init.start, ErrorMessages.ForInOfLoopInitializer, isForIn ? "for-in" : "for-of");\n    } else if (init.type === "AssignmentPattern") {\n      this.raise(init.start, ErrorMessages.InvalidLhs, "for-loop");\n    }\n    node.left = init;\n    node.right = isForIn ? this.parseExpression() : this.parseMaybeAssignAllowIn();\n    this.expect(types$1.parenR);\n    node.body = this.withTopicForbiddingContext(() =>\n      this.parseStatement("for");\n      this.scope.exit();\n      this.state.labels.pop();\n      return this.finishNode(node, isForIn ? "ForInStatement" : "ForOfStatement");\n    );\n    parseVar(node, isFor, kind) {\n      const declarations = node.declarations = [];\n      const isTypescript = this.hasPlugin("typescript");\n      node.kind = kind;\n      for (;) {\n        const decl = this.startNode();\n        this.parseVarId(decl, kind);\n        if (this.eat(types$1.eq)) {\n          decl.init = isFor ? this.parseMaybeAssignDisallowIn() : this.parseMaybeAssignAllowIn();\n        } else {\n          if (kind === "const" && !(this.match(types$1._in) || this.isContextual("of"))) {\n            if (!isTypescript) {\n              this.raise(this.state.lastTokEnd, ErrorMessages.DeclarationMissingInitializer, "Const declarations");\n            }\n          } else if (decl.id.type !== "Identifier" && !(isFor && (this.match(types$1._in) || this.isContextual("of")))) {\n            this.raise(this.state.lastTokEnd, ErrorMessages.DeclarationMissingInitializer, "Complex binding patterns");\n          }\n          decl.init = null;\n        }\n        declarations.push(this.finishNode(decl, "VariableDeclarator")); \n        if (!this.eat(types$1.comma)) break;\n      }\n      return node;\n    }\n    parseVarId(decl, kind) {\n      decl.id = this.parseBindingAtom();\n      this.checkLVal(decl.id, "variable declaration", kind === "var" ? BIND_VAR : BIND_LEXICAL, undefined, kind !== "var");\n    }\n    parseFunction(node, statement = FUNC_NO_FLAGS, isAsync = false) {\n      const isStatement = statement & FUNC_STATEMENT;\n      const isHangingStatement = statement & FUNC_HANGING_STATEMENT;\n      const requireId = !isStatement && !(statement & FUNC_NULLABLE_ID);\n      this.initFunction(node, isAsync);\n      if (this.match(types$1.star) && isHangingStatement) {\n        this.raise(this.state.start, ErrorMessages.GeneratorInSingleStatementContext);\n      }\n      node.generator = this.eat(types$1.star);\n      if (isStatement) {\n        node.id = this.parseFunctionId(requireId);\n      }\n      const oldMaybeInArrowParameters = this.state.maybeInArrowParameters;\n      this.state.maybeInArrowParameters = false;\n      this.scope.enter(SCOPE_FUNCTION);\n      this.prodParam.enter(functionFlags(isAsync, node.generator));\n      if (!isStatement) {\n        node.id = this.parseFunctionId();\n      }\n      this.parseFunctionParams(node, false);\n      this.withTopicForbiddingContext(() => {\n        this.parseFunctionBodyAndFinish(node, isStatement ? "FunctionDeclaration" : "FunctionExpression");\n      });\n      this.prodParam.exit();\n      this.scope.exit();\n      if (isStatement && !isHangingStatement) {\n        this.registerFunctionStatementId(node);\n      }\n      this.state.maybeInArrowParameters = oldMaybeInArrowParameters;\n      return node;\n    }\n    parseFunctionId(requireId) {\n      return requireId || this.match(types$1.name) ? this.parseIdentifier() : null;\n    }\n    parseFunctionParams(node, allowModifiers) {\n      this.expect(types$1.parenL);\n      this.expressionScope.enter(newParameterDeclarationScope());\n      node.params = this.parseBindingList(types$1.parenR, 41, false, allowModifiers);\n      this.expressionScope.exit();\n    }\n    registerFunctionStatementId(node) {\n      if (!node.id) return;\n      this.scope.declareName(node.id.name, this.state.strict || node.generator || node.async ? this.scope.treatFunctionsAsVar ? BIND_VAR : BIND_LEXICAL :

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BIND_FUNCTION, node.id.start);\n }\n\n parseClass(node, isStatement, optionalId) {\n  this.next();\n  this.takeDecorators(node);\n  const oldStrict = this.state.strict;\n  this.state.strict = true;\n  this.parseClassId(node, isStatement, optionalId);\n  this.parseClassSuper(node);\n  node.body =\n  this.parseClassBody(!node.superClass, oldStrict);\n  return this.finishNode(node, isStatement ?\n  \"ClassDeclaration\" : \"ClassExpression\");\n }\n\n isClassProperty() {\n  return this.match(types$1.eq) ||\n  this.match(types$1.semi) || this.match(types$1.braceR);\n }\n\n isClassMethod() {\n  return\n  this.match(types$1.parenL);\n }\n\n isNonstaticConstructor(method) {\n  return !method.computed &&\n  !method.static && (method.key.name === \"constructor\" || method.key.value === \"constructor\");\n }\n\n\n parseClassBody(hadSuperClass, oldStrict) {\n  this.classScope.enter();\n  const state = {\n    hadConstructor:\n    false,\n    hadSuperClass\n  };\n  let decorators = [];\n  const classBody = this.startNode();\n  classBody.body\n  = [];\n  this.expect(types$1.braceL);\n  this.withTopicForbiddingContext(() => {\n    while\n    (!this.match(types$1.braceR)) {\n      if (this.eat(types$1.semi)) {\n        if (decorators.length > 0) {\n          throw\n          this.raise(this.state.lastTokEnd, ErrorMessages.DecoratorSemicolon);\n        }\n        continue;\n      }\n      if (this.match(types$1.at)) {\n        decorators.push(this.parseDecorator());\n        continue;\n      }\n      const\n      member = this.startNode();\n      if (decorators.length) {\n        member.decorators = decorators;\n        this.resetStartLocationFromNode(member, decorators[0]);\n        decorators = [];\n      }\n      this.parseClassMember(classBody, member, state);\n      if (member.kind === \"constructor\" &&\n      member.decorators && member.decorators.length > 0) {\n        this.raise(member.start,\n        ErrorMessages.DecoratorConstructor);\n      }\n      this.state.strict = oldStrict;\n      this.next();\n      if\n      (decorators.length) {\n        throw this.raise(this.state.start, ErrorMessages.TrailingDecorator);\n      }\n      this.classScope.exit();\n      return this.finishNode(classBody, \"ClassBody\");\n    }\n  })\n  parseClassMemberFromModifier(classBody, member) {\n    const key = this.parseIdentifier(true);\n    if\n    (this.isClassMethod()) {\n      const method = member;\n      method.kind = \"method\";\n      method.computed =\n      false;\n      method.key = key;\n      method.static = false;\n      this.pushClassMethod(classBody, method, false,\n      false, false, false);\n      return true;\n    } else if (this.isClassProperty()) {\n      const prop = member;\n      prop.computed = false;\n      prop.key = key;\n      prop.static = false;\n      classBody.body.push(this.parseClassProperty(prop));\n      return true;\n    }\n  }\n  parseClassMember(classBody, member, state) {\n    const isStatic = this.isContextual(\"static\");\n    if (isStatic)\n    {\n      if (this.parseClassMemberFromModifier(classBody, member)) {\n        return;\n      }\n      if\n      (this.eat(types$1.braceL)) {\n        this.parseClassStaticBlock(classBody, member);\n        return;\n      }\n    }\n    this.parseClassMemberWithIsStatic(classBody, member, state, isStatic);\n  }\n  parseClassMemberWithIsStatic(classBody, member, state, isStatic) {\n    const publicMethod = member;\n    const\n    privateMethod = member;\n    const publicProp = member;\n    const privateProp = member;\n    const method =\n    publicMethod;\n    const publicMember = publicMethod;\n    member.static = isStatic;\n    if\n    (this.eat(types$1.star)) {\n      method.kind = \"method\";\n      const isPrivateName =\n      this.match(types$1.privateName);\n      this.parseClassElementName(method);\n      if (isPrivateName) {\n        this.pushClassPrivateMethod(classBody, privateMethod, true, false);\n        return;\n      }\n      if\n      (this.isNonstaticConstructor(publicMethod)) {\n        this.raise(publicMethod.key.start,\n        ErrorMessages.ConstructorIsGenerator);\n      }\n      this.pushClassMethod(classBody, publicMethod, true, false,\n      false, false);\n      return;\n    }\n    const containsEsc = this.state.containsEsc;\n    const isPrivate =\n    this.match(types$1.privateName);\n    const key = this.parseClassElementName(member);\n    const isSimple =\n    key.type === \"Identifier\";\n    const maybeQuestionTokenStart = this.state.start;\n    this.parsePostMemberNameModifiers(publicMember);\n    if (this.isClassMethod()) {\n      method.kind =\n      \"method\";\n      if (isPrivate) {\n        this.pushClassPrivateMethod(classBody, privateMethod, false, false);\n        return;\n      }\n      const isConstructor = this.isNonstaticConstructor(publicMethod);\n      let allowsDirectSuper =\n      false;\n      if (isConstructor) {\n        publicMethod.kind = \"constructor\";\n        if (state.hadConstructor &&\n        !this.hasPlugin(\"typescript\")) {\n          this.raise(key.start, ErrorMessages.DuplicateConstructor);\n        }\n      }\n      if (isConstructor && this.hasPlugin(\"typescript\") && member.override) {\n        this.raise(key.start,\n
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ErrorMessages.OverrideOnConstructor);\n    }\n\n    state.hadConstructor = true;\n    allowsDirectSuper =
state.hadSuperClass);\n    }\n\n    this.pushClassMethod(classBody, publicMethod, false, false, isConstructor,
allowsDirectSuper);\n    } else if (this.isClassProperty()) {\n    if (isPrivate) {\n
this.pushClassPrivateProperty(classBody, privateProp);\n    } else {\n    this.pushClassProperty(classBody,
publicProp);\n    }\n    } else if (isSimple && key.name === \"async\" && !containsEsc &&
!this.isLineTerminator()) {\n    const isGenerator = this.eat(types$1.star);\n\n    if (publicMember.optional) {\n
this.unexpected(maybeQuestionTokenStart);\n    }\n\n    method.kind = \"method\";\n    const isPrivate =
this.match(types$1.privateName);\n    this.parseClassElementName(method);\n\n    this.parsePostMemberNameModifiers(publicMember);\n\n    if (isPrivate) {\n
this.pushClassPrivateMethod(classBody, privateMethod, isGenerator, true);\n    } else {\n    if
(this.isNonstaticConstructor(publicMethod)) {\n    this.raise(publicMethod.key.start,
ErrorMessages.ConstructorIsAsync);\n    }\n\n    this.pushClassMethod(classBody, publicMethod, isGenerator,
true, false, false);\n    }\n    } else if (isSimple && (key.name === \"get\" || key.name === \"set\") && !containsEsc
&& !(this.match(types$1.star) && this.isLineTerminator())) {\n    method.kind = key.name;\n    const isPrivate =
this.match(types$1.privateName);\n    this.parseClassElementName(publicMethod);\n\n    if (isPrivate) {\n
this.pushClassPrivateMethod(classBody, privateMethod, false, false);\n    } else {\n    if
(this.isNonstaticConstructor(publicMethod)) {\n    this.raise(publicMethod.key.start,
ErrorMessages.ConstructorIsAccessor);\n    }\n\n    this.pushClassMethod(classBody, publicMethod, false,
false, false, false);\n    }\n\n    this.checkGetterSetterParams(publicMethod);\n    } else if (this.isLineTerminator())
{\n    if (isPrivate) {\n    this.pushClassPrivateProperty(classBody, privateProp);\n    } else {\n
this.pushClassProperty(classBody, publicProp);\n    }\n    } else {\n    this.unexpected();\n    }\n    }\n\n
parseClassElementName(member) {\n    const {\n    type,\n    value,\n    start\n    } = this.state;\n\n    if ((type
=== types$1.name || type === types$1.string) && member.static && value === \"prototype\") {\n    this.raise(start,
ErrorMessages.StaticPrototype);\n    }\n\n    if (type === types$1.privateName && value === \"constructor\") {\n
this.raise(start, ErrorMessages.ConstructorClassPrivateField);\n    }\n\n    return this.parsePropertyName(member,
true);\n    }\n\n    parseClassStaticBlock(classBody, member) {\n    var _member$decorators;\n\n    this.expectPlugin(\"classStaticBlock\", member.start);\n    this.scope.enter(SCOPE_CLASS |
SCOPE_STATIC_BLOCK | SCOPE_SUPER);\n    const oldLabels = this.state.labels;\n    this.state.labels = [];\n\n    this.prodParam.enter(PARAM);\n    const body = member.body = [];\n\n    this.parseBlockOrModuleBlockBody(body, undefined, false, types$1.braceR);\n    this.prodParam.exit();\n\n    this.scope.exit();\n    this.state.labels = oldLabels;\n    classBody.body.push(this.finishNode(member,
\"StaticBlock\");\n\n    if ((_member$decorators = member.decorators) != null && _member$decorators.length) {\n
    this.raise(member.start, ErrorMessages.DecoratorStaticBlock);\n    }\n    }\n\n    pushClassProperty(classBody,
prop) {\n    if (!prop.computed && (prop.key.name === \"constructor\" || prop.key.value === \"constructor\")) {\n
this.raise(prop.key.start, ErrorMessages.ConstructorClassField);\n    }\n\n    classBody.body.push(this.parseClassProperty(prop));\n    }\n\n    pushClassPrivateProperty(classBody, prop) {\n
const node = this.parseClassPrivateProperty(prop);\n    classBody.body.push(node);\n\n    this.classScope.declarePrivateName(this.getPrivateNameSV(node.key), CLASS_ELEMENT_OTHER,
node.key.start);\n    }\n\n    pushClassMethod(classBody, method, isGenerator, isAsync, isConstructor,
allowsDirectSuper) {\n    classBody.body.push(this.parseMethod(method, isGenerator, isAsync, isConstructor,
allowsDirectSuper, \"ClassMethod\", true));\n    }\n\n    pushClassPrivateMethod(classBody, method, isGenerator,
isAsync) {\n    const node = this.parseMethod(method, isGenerator, isAsync, false, false, \"ClassPrivateMethod\",
true);\n    classBody.body.push(node);\n    const kind = node.kind === \"get\" ? node.static ?
CLASS_ELEMENT_STATIC_GETTER : CLASS_ELEMENT_INSTANCE_GETTER : node.kind === \"set\" ?
node.static ? CLASS_ELEMENT_STATIC_SETTER : CLASS_ELEMENT_INSTANCE_SETTER :
CLASS_ELEMENT_OTHER;\n    this.classScope.declarePrivateName(this.getPrivateNameSV(node.key), kind,
node.key.start);\n    }\n\n    parsePostMemberNameModifiers(methodOrProp) {\n    }\n\n    parseClassPrivateProperty(node)
{\n    this.parseInitializer(node);\n    this.semicolon();\n    return this.finishNode(node, \"ClassPrivateProperty\");\n
}

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}\n\n parseClassProperty(node) {\n  this.parseInitializer(node);\n  this.semicolon();\n  return\n  this.finishNode(node, \"ClassProperty\");\n}\n\n parseInitializer(node) {\n  this.scope.enter(SCOPE_CLASS | SCOPE_SUPER);\n  this.expressionScope.enter(newExpressionScope());\n  this.prodParam.enter(PARAM);\n  node.value = this.eat(types$1.eq) ? this.parseMaybeAssignAllowIn() : null;\n  this.expressionScope.exit();\n  this.prodParam.exit();\n  this.scope.exit();\n}\n\n parseClassId(node, isStatement, optionalId, bindingType = BIND_CLASS) {\n  if (this.match(types$1.name)) {\n    node.id = this.parseIdentifier();\n\n    if (isStatement) {\n      this.checkLVal(node.id, \"class name\", bindingType);\n    }\n  } else {\n    if (optionalId || !isStatement) {\n      node.id = null;\n    } else {\n      this.unexpected(null, ErrorMessages.MissingClassName);\n    }\n  }\n}\n\n parseClassSuper(node) {\n  node.superClass = this.eat(types$1._extends) ? this.parseExprSubscripts() : null;\n}\n\n parseExport(node) {\n  const hasDefault = this.maybeParseExportDefaultSpecifier(node);\n  const parseAfterDefault = !hasDefault || this.eat(types$1.comma);\n  const hasStar = parseAfterDefault && this.eatExportStar(node);\n  const hasNamespace = hasStar && this.maybeParseExportNamespaceSpecifier(node);\n  const parseAfterNamespace = parseAfterDefault && (!hasNamespace || this.eat(types$1.comma));\n  const isFromRequired = hasDefault || hasStar;\n\n  if (hasStar && !hasNamespace) {\n    if (hasDefault) this.unexpected();\n    this.parseExportFrom(node, true);\n    return this.finishNode(node, \"ExportAllDeclaration\");\n  }\n\n  const hasSpecifiers = this.maybeParseExportNamedSpecifiers(node);\n\n  if (hasDefault && parseAfterDefault && !hasStar && !hasSpecifiers || hasNamespace && parseAfterNamespace && !hasSpecifiers) {\n    throw this.unexpected(null, types$1.braceL);\n  }\n\n  let hasDeclaration;\n\n  if (isFromRequired || hasSpecifiers) {\n    hasDeclaration = false;\n    this.parseExportFrom(node, isFromRequired);\n  } else {\n    hasDeclaration = this.maybeParseExportDeclaration(node);\n  }\n\n  if (isFromRequired || hasSpecifiers || hasDeclaration) {\n    this.checkExport(node, true, false, !!node.source);\n    return this.finishNode(node, \"ExportNamedDeclaration\");\n  }\n\n  if (this.eat(types$1._default)) {\n    node.declaration = this.parseExportDefaultExpression();\n    this.checkExport(node, true, true);\n    return this.finishNode(node, \"ExportDefaultDeclaration\");\n  }\n\n  throw this.unexpected(null, types$1.braceL);\n}\n\n eatExportStar(node) {\n  return this.eat(types$1.star);\n}\n\n maybeParseExportDefaultSpecifier(node) {\n  if (this.isExportDefaultSpecifier()) {\n    this.expectPlugin(\"exportDefaultFrom\");\n    const specifier = this.startNode();\n    specifier.exported = this.parseIdentifier(true);\n    node.specifiers = [this.finishNode(specifier, \"ExportDefaultSpecifier\")];\n    return true;\n  }\n\n  return false;\n}\n\n maybeParseExportNamespaceSpecifier(node) {\n  if (this.isContextual(\"as\")) {\n    if (!node.specifiers) node.specifiers = [];\n    const specifier = this.startNodeAt(this.state.lastTokStart, this.state.lastTokStartLoc);\n    this.next();\n    specifier.exported = this.parseModuleExportName();\n    node.specifiers.push(this.finishNode(specifier, \"ExportNamespaceSpecifier\"));\n    return true;\n  }\n\n  return false;\n}\n\n maybeParseExportNamedSpecifiers(node) {\n  if (this.match(types$1.braceL)) {\n    if (!node.specifiers) node.specifiers = [];\n    node.specifiers.push(...this.parseExportSpecifiers());\n    node.source = null;\n    node.declaration = null;\n    return true;\n  }\n\n  return false;\n}\n\n maybeParseExportDeclaration(node) {\n  if (this.shouldParseExportDeclaration()) {\n    node.specifiers = [];\n    node.source = null;\n    node.declaration = this.parseExportDeclaration(node);\n    return true;\n  }\n\n  return false;\n}\n\n isAsyncFunction() {\n  if (!this.isContextual(\"async\")) return false;\n  const next = this.nextTokenStart();\n  return !lineBreak.test(this.input.slice(this.state.pos, next)) && this.isUnparsedContextual(next, \"function\");\n}\n\n parseExportDefaultExpression() {\n  const expr = this.startNode();\n  const isAsync = this.isAsyncFunction();\n\n  if (this.match(types$1._function) || isAsync) {\n    this.next();\n\n    if (isAsync) {\n      this.next();\n    }\n\n    return this.parseFunction(expr, FUNC_STATEMENT | FUNC_NULLABLE_ID, isAsync);\n  } else if (this.match(types$1._class)) {\n    return this.parseClass(expr, true, true);\n  } else if (this.match(types$1.at)) {\n    if (this.hasPlugin(\"decorators\") && this.getPluginOption(\"decorators\", \"decoratorsBeforeExport\")) {\n      this.raise(this.state.start, ErrorMessages.DecoratorBeforeExport);\n    }\n\n    this.parseDecorators(false);\n    return this.parseClass(expr, true, true);\n  } else if (this.match(types$1._const) || this.match(types$1._var) || this.isLet()) {\n    throw

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this.raise(this.state.start, ErrorMessages.UnsupportedDefaultExport);\n } else {\n   const res =
this.parseMaybeAssignAllowIn();\n   this.semicolon();\n   return res;\n }\n }\n\nparseExportDeclaration(node) {\n  return this.parseStatement(null);\n }\n\nisExportDefaultSpecifier() {\n  if
(this.match(types$1.name)) {\n    const value = this.state.value;\n\n    if (value === \"async\" &&
!this.state.containsEsc || value === \"let\") {\n      return false;\n    }\n\n    if ((value === \"type\" || value ===
\"interface\") && !this.state.containsEsc) {\n      const l = this.lookahead();\n\n      if (l.type === types$1.name
&& l.value !== \"from\" || l.type === types$1.braceL) {\n        this.expectOnePlugin([\"flow\", \"typescript\"]);\n
return false;\n      }\n    }\n  } else if (!this.match(types$1._default)) {\n    return false;\n  }\n\n  const next
= this.nextTokenStart();\n  const hasFrom = this.isUnparsedContextual(next, \"from\");\n\n  if
(this.input.charCodeAt(next) === 44 || this.match(types$1.name) && hasFrom) {\n    return true;\n  }\n\n  if
(this.match(types$1._default) && hasFrom) {\n    const nextAfterFrom =
this.input.charCodeAt(this.nextTokenStartSince(next + 4));\n    return nextAfterFrom === 34 || nextAfterFrom ===
39;\n  }\n\n  return false;\n }\n\nparseExportFrom(node, expect) {\n  if (this.eatContextual(\"from\")) {\n
node.source = this.parseImportSource();\n    this.checkExport(node);\n    const assertions =
this.maybeParseImportAssertions();\n\n    if (assertions) {\n      node.assertions = assertions;\n    }\n  } else {\n
if (expect) {\n    this.unexpected();\n  } else {\n    node.source = null;\n  }\n }\n\n  this.semicolon();\n
}\n\nshouldParseExportDeclaration() {\n  if (this.match(types$1.at)) {\n    this.expectOnePlugin([\"decorators\",
\"decorators-legacy\"]);\n\n    if (this.hasPlugin(\"decorators\")) {\n      if (this.getPluginOption(\"decorators\",
\"decoratorsBeforeExport\")) {\n        this.unexpected(this.state.start, ErrorMessages.DecoratorBeforeExport);\n
      } else {\n        return true;\n      }\n    }\n\n    return this.state.type.keyword === \"var\" ||
this.state.type.keyword === \"const\" || this.state.type.keyword === \"function\" || this.state.type.keyword ===
\"class\" || this.isLet() || this.isAsyncFunction();\n  }\n\n  checkExport(node, checkNames, isDefault, isFrom) {\n  if
(checkNames) {\n    if (isDefault) {\n      this.checkDuplicateExports(node, \"default\");\n\n      if
(this.hasPlugin(\"exportDefaultFrom\")) {\n        var _declaration$extra;\n        const declaration =
node.declaration;\n\n        if (declaration.type === \"Identifier\" && declaration.name === \"from\" &&
declaration.end - declaration.start === 4 && !((_declaration$extra = declaration.extra) != null &&
_declaration$extra.parenthesized)) {\n          this.raise(declaration.start,
ErrorMessages.ExportDefaultFromAsIdentifier);\n        }\n      }\n    } else if (node.specifiers &&
node.specifiers.length) {\n      for (const specifier of node.specifiers) {\n        const {
exported\n      } =
specifier;\n        const exportedName = exported.type === \"Identifier\" ? exported.name : exported.value;\n
this.checkDuplicateExports(specifier, exportedName);\n\n        if (!isFrom && specifier.local) {\n          const {
local\n        } = specifier;\n\n          if (local.type === \"StringLiteral\") {\n
this.raise(specifier.start, ErrorMessages.ExportBindingIsString, local.value, exportedName);\n          } else {\n
this.checkReservedWord(local.name, local.start, true, false);\n          this.scope.checkLocalExport(local);\n
}\n        }\n      }\n    } else if (node.declaration) {\n      if (node.declaration.type === \"FunctionDeclaration\" ||
node.declaration.type === \"ClassDeclaration\") {\n        const id = node.declaration.id;\n        if (!id) throw new
Error(\"Assertion failure\");\n        this.checkDuplicateExports(node, id.name);\n      } else if
(node.declaration.type === \"VariableDeclaration\") {\n        for (const declaration of
node.declaration.declarations) {\n          this.checkDeclaration(declaration.id);\n        }\n      }\n    }\n  }\n
}\n\nconst currentContextDecorators = this.state.decoratorStack[this.state.decoratorStack.length - 1];\n\nif
(currentContextDecorators.length) {\n  throw this.raise(node.start,
ErrorMessages.UnsupportedDecoratorExport);\n }\n\n}\n\ncheckDeclaration(node) {\n  if (node.type ===
\"Identifier\") {\n    this.checkDuplicateExports(node, node.name);\n  } else if (node.type === \"ObjectPattern\")
{\n    for (const prop of node.properties) {\n      this.checkDeclaration(prop);\n    }\n  } else if (node.type ===
\"ArrayPattern\") {\n    for (const elem of node.elements) {\n      if (elem) {\n        this.checkDeclaration(elem);\n
      }\n    }\n  } else if (node.type === \"ObjectProperty\") {\n    this.checkDeclaration(node.value);\n  } else if
(node.type === \"RestElement\") {\n    this.checkDeclaration(node.argument);\n  } else if (node.type ===
\"AssignmentPattern\") {\n    this.checkDeclaration(node.left);\n  }\n }\n }\n\ncheckDuplicateExports(node, name)

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{\n  if (this.state.exportedIdentifiers.indexOf(name) > -1) {\n    this.raise(node.start, name === \"default\" ?
ErrorMessages.DuplicateDefaultExport : ErrorMessages.DuplicateExport, name);\n  }\n\n  this.state.exportedIdentifiers.push(name);\n }\n\n  parseExportSpecifiers() {\n    const nodes = [];\n    let first =
true;\n    this.expect(types$1.braceL);\n\n    while (!this.eat(types$1.braceR)) {\n      if (first) {\n        first = false;\n
      } else {\n        this.expect(types$1.comma);\n        if (this.eat(types$1.braceR)) break;\n      }\n\n      const node =
this.startNode();\n      node.local = this.parseModuleExportName();\n      node.exported = this.eatContextual(\"as\")
? this.parseModuleExportName() : node.local.__clone();\n      nodes.push(this.finishNode(node,
\"ExportSpecifier\");\n    }\n\n    return nodes;\n  }\n\n  parseModuleExportName() {\n    if
(this.match(types$1.string)) {\n      const result = this.parseLiteral(this.state.value, \"StringLiteral\");\n      const
surrogate = result.value.match(loneSurrogate);\n\n      if (surrogate) {\n        this.raise(result.start,
ErrorMessages.ModuleExportNameHasLoneSurrogate, surrogate[0].charCodeAt(0).toString(16));\n      }\n\n      return result;\n    }\n\n    return this.parseIdentifier(true);\n  }\n\n  parseImport(node) {\n    node.specifiers = [];\n\n    if (!this.match(types$1.string)) {\n      const hasDefault = this.maybeParseDefaultImportSpecifier(node);\n      const
parseNext = !hasDefault || this.eat(types$1.comma);\n      const hasStar = parseNext &&
this.maybeParseStarImportSpecifier(node);\n      if (parseNext && !hasStar)
this.parseNamedImportSpecifiers(node);\n      this.expectContextual(\"from\");\n    }\n\n    node.source =
this.parseImportSource();\n    const assertions = this.maybeParseImportAssertions();\n\n    if (assertions) {\n
node.assertions = assertions;\n    } else {\n      const attributes = this.maybeParseModuleAttributes();\n\n      if
(attributes) {\n        node.attributes = attributes;\n      }\n    }\n\n    this.semicolon();\n    return this.finishNode(node,
\"ImportDeclaration\");\n  }\n\n  parseImportSource() {\n    if (!this.match(types$1.string)) this.unexpected();\n
return this.parseExprAtom();\n  }\n\n  shouldParseDefaultImport(node) {\n    return this.match(types$1.name);\n
}\n\n  parseImportSpecifierLocal(node, specifier, type, contextDescription) {\n    specifier.local =
this.parseIdentifier();\n    this.checkLVal(specifier.local, contextDescription, BIND_LEXICAL);\n    node.specifiers.push(this.finishNode(specifier, type));\n  }\n\n  parseAssertEntries() {\n    const attrs = [];\n    const
attrNames = new Set();\n\n    do {\n      if (this.match(types$1.braceR)) {\n        break;\n      }\n\n      const node =
this.startNode();\n      const keyName = this.state.value;\n\n      if (this.match(types$1.string)) {\n        node.key =
this.parseLiteral(keyName, \"StringLiteral\");\n      } else {\n        node.key = this.parseIdentifier(true);\n      }\n\n      this.expect(types$1.colon);\n      if (keyName !== \"type\") {\n        this.raise(node.key.start,
ErrorMessages.ModuleAttributeDifferentFromType, keyName);\n      }\n\n      if (attrNames.has(keyName)) {\n
this.raise(node.key.start, ErrorMessages.ModuleAttributesWithDuplicateKeys, keyName);\n      }\n\n      attrNames.add(keyName);\n\n      if (!this.match(types$1.string)) {\n        throw this.unexpected(this.state.start,
ErrorMessages.ModuleAttributeInvalidValue);\n      }\n\n      node.value = this.parseLiteral(this.state.value,
\"StringLiteral\");\n      this.finishNode(node, \"ImportAttribute\");\n      attrs.push(node);\n    } while
(this.eat(types$1.comma));\n\n    return attrs;\n  }\n\n  maybeParseModuleAttributes() {\n    if
(this.match(types$1._with) && !this.hasPrecedingLineBreak()) {\n      this.expectPlugin(\"moduleAttributes\");\n
this.next();\n    } else {\n      if (this.hasPlugin(\"moduleAttributes\")) return [];\n      return null;\n    }\n\n    const
attrs = [];\n    const attributes = new Set();\n\n    do {\n      const node = this.startNode();\n      node.key =
this.parseIdentifier(true);\n\n      if (node.key.name !== \"type\") {\n        this.raise(node.key.start,
ErrorMessages.ModuleAttributeDifferentFromType, node.key.name);\n      }\n\n      if
(attributes.has(node.key.name)) {\n        this.raise(node.key.start,
ErrorMessages.ModuleAttributesWithDuplicateKeys, node.key.name);\n      }\n\n      attributes.add(node.key.name);\n      this.expect(types$1.colon);\n\n      if (!this.match(types$1.string)) {\n        throw
this.unexpected(this.state.start, ErrorMessages.ModuleAttributeInvalidValue);\n      }\n\n      node.value =
this.parseLiteral(this.state.value, \"StringLiteral\");\n      this.finishNode(node, \"ImportAttribute\");\n      attrs.push(node);\n    } while (this.eat(types$1.comma));\n\n    return attrs;\n  }\n\n  maybeParseImportAssertions()
{\n    if (this.isContextual(\"assert\") && !this.hasPrecedingLineBreak()) {\n
this.expectPlugin(\"importAssertions\");\n      this.next();\n    } else {\n      if (this.hasPlugin(\"importAssertions\"))
return [];\n      return null;\n    }\n\n    this.eat(types$1.braceL);\n    const attrs = this.parseAssertEntries();\n

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this.eat(types$1.braceR);\n  return attrs;\n }\n\n maybeParseDefaultImportSpecifier(node) {\n  if
(this.shouldParseDefaultImport(node)) {\n    this.parseImportSpecifierLocal(node, this.startNode(),
\'ImportDefaultSpecifier\', \'default import specifier\');\n    return true;\n  }\n\n  return false;\n }\n\n
maybeParseStarImportSpecifier(node) {\n  if (this.match(types$1.star)) {\n    const specifier = this.startNode();\n
this.next();\n    this.expectContextual(\'as\');\n    this.parseImportSpecifierLocal(node, specifier,
\'ImportNamespaceSpecifier\', \'import namespace specifier\');\n    return true;\n  }\n\n  return false;\n }\n\n
parseNamedImportSpecifiers(node) {\n  let first = true;\n  this.expect(types$1.braceL);\n\n  while
(!this.eat(types$1.braceR)) {\n    if (first) {\n      first = false;\n    } else {\n      if (this.eat(types$1.colon)) {\n
throw this.raise(this.state.start, ErrorMessages.DestructureNamedImport);\n      }\n\n
this.expect(types$1.comma);\n      if (this.eat(types$1.braceR)) break;\n    }\n\n
this.parseImportSpecifier(node);\n  }\n }\n\n parseImportSpecifier(node) {\n  const specifier =
this.startNode();\n  specifier.imported = this.parseModuleExportName();\n\n  if (this.eatContextual(\'as\')) {\n
specifier.local = this.parseIdentifier();\n  } else {\n    const {\n      imported\n    } = specifier;\n\n    if
(imported.type === \'StringLiteral\') {\n      throw this.raise(specifier.start, ErrorMessages.ImportBindingIsString,
imported.value);\n    }\n\n    this.checkReservedWord(imported.name, specifier.start, true, true);\n
specifier.local = imported.__clone();\n  }\n\n  this.checkLVal(specifier.local, \'import specifier\',
BIND_LEXICAL);\n  node.specifiers.push(this.finishNode(specifier, \'ImportSpecifier\')); }\n\n
isThisParam(param) {\n  return param.type === \'Identifier\' && param.name === \'this\'; }\n\n}\n\nclass
Parser extends StatementParser {\n  constructor(options, input) {\n    options = getOptions(options);\n
super(options, input);\n    this.options = options;\n    this.initializeScopes();\n    this.plugins =
pluginsMap(this.options.plugins);\n    this.filename = options.sourceFilename;\n  }\n\n  getScopeHandler() {\n
return ScopeHandler;\n  }\n\n  parse() {\n    this.enterInitialScopes();\n    const file = this.startNode();\n    const
program = this.startNode();\n    this.nextToken();\n    file.errors = null;\n    this.parseTopLevel(file, program);\n
file.errors = this.state.errors;\n    return file;\n  }\n\n}\n\nfunction pluginsMap(plugins) {\n  const pluginMap = new
Map();\n\n  for (const plugin of plugins) {\n    const [name, options] = Array.isArray(plugin) ? plugin : [plugin,
{}];\n    if (!pluginMap.has(name)) pluginMap.set(name, options || {});\n  }\n\n  return pluginMap;\n }\n\nfunction
parse(input, options) {\n  var _options;\n\n  if (((_options = options) == null ? void 0 : _options.sourceType) ===
\'unambiguous\') {\n    options = Object.assign({}, options);\n\n    try {\n      options.sourceType = \'module\';\n
const parser = getParser(options, input);\n      const ast = parser.parse();\n\n      if (parser.sawUnambiguousESM) {\n
return ast;\n      }\n\n      if (parser.ambiguousScriptDifferentAst) {\n        try {\n          options.sourceType =
\'script\';\n          return getParser(options, input).parse();\n        } catch (_unused) {\n          }\n        } else {\n
ast.program.sourceType = \'script\';\n          }\n\n          return ast;\n        } catch (moduleError) {\n          try {\n
options.sourceType = \'script\';\n          return getParser(options, input).parse();\n        } catch (_unused2) {\n          }\n
throw moduleError;\n        }\n      } else {\n        return getParser(options, input).parse();\n      }\n    }\n\nfunction
parseExpression(input, options) {\n  const parser = getParser(options, input);\n\n  if (parser.options.strictMode) {\n
parser.state.strict = true;\n  }\n\n  return parser.getExpression();\n }\n\nfunction getParser(options, input) {\n  let cls
= Parser;\n\n  if (options != null && options.plugins) {\n    validatePlugins(options.plugins);\n    cls =
getParserClass(options.plugins);\n  }\n\n  return new cls(options, input);\n }\n\nconst parserClassCache =
{};\n\nfunction getParserClass(pluginsFromOptions) {\n  const pluginList = mixinPluginNames.filter(name =>
hasPlugin(pluginsFromOptions, name));\n  const key = pluginList.join(\'^\');\n  let cls = parserClassCache[key];\n\n  if (!cls) {\n    cls = Parser;\n\n    for (const plugin of pluginList) {\n      cls = mixinPlugins[plugin](cls);\n    }\n\n    parserClassCache[key] = cls;\n  }\n\n  return cls;\n }\n\n}\n\nexports.parse = parse;\nexports.parseExpression =
parseExpression;\nexports.tokTypes = types$1;\n\n/# sourceMappingURL=index.js.map\n", "\'use
strict\';\n\nObject.defineProperty(exports, \'__esModule\', {\n  value: true\n});\n\nexports.default =
literalTemplate;\n\nvar _options = require(\'.options\');\n\nvar _parse =
_interopRequireDefault(require(\'.parse\')); \n\nvar _populate =
_interopRequireDefault(require(\'.populate\')); \n\nfunction _interopRequireDefault(obj) { return obj &&
obj.__esModule ? obj : { default: obj }; }\n\nfunction literalTemplate(formatter, tpl, opts) {\n  const {\n

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metadata,\n  names\n } = buildLiteralData(formatter, tpl, opts);\n return arg => {\n  const defaultReplacements =\n  {};\n  arg.forEach((replacement, i) => {\n    defaultReplacements[names[i]] = replacement;\n  });\n  return arg\n  => {\n    const replacements = (0, _options.normalizeReplacements)(arg);\n    if (replacements) {\n      Object.keys(replacements).forEach(key => {\n        if\n        (Object.prototype.hasOwnProperty.call(defaultReplacements, key)) {\n          throw new Error(`Unexpected\n          replacement overlap.`);\n        }\n      });\n    }\n    return formatter.unwrap((0, _populate.default)(metadata,\n    replacements ? Object.assign(replacements, defaultReplacements) : defaultReplacements));\n  });\n}\n\nfunction buildLiteralData(formatter, tpl, opts) {\n  let names;\n  let nameSet;\n  let metadata;\n  let prefix =\n  '\\';\n  do {\n    prefix += '\\$';\n    const result = buildTemplateCode(tpl, prefix);\n    names = result.names;\n    nameSet = new Set(names);\n    metadata = (0, _parse.default)(formatter, formatter.code(result.code), {\n      parser:\n      opts.parser,\n      placeholderWhitelist: new Set(result.names.concat(opts.placeholderWhitelist ?\n      Array.from(opts.placeholderWhitelist) : [])),\n      placeholderPattern: opts.placeholderPattern,\n      preserveComments: opts.preserveComments,\n      syntacticPlaceholders: opts.syntacticPlaceholders\n    });\n  } while (metadata.placeholders.some(placeholder => placeholder.isDuplicate &&\n  nameSet.has(placeholder.name)));\n  return {\n    metadata,\n    names\n  };\n}\n\nfunction\n  buildTemplateCode(tpl, prefix) {\n  const names = [];\n  let code = tpl[0];\n  for (let i = 1; i < tpl.length; i++) {\n    const value = `${prefix}${i - 1}`;\n    names.push(value);\n    code += value + tpl[i];\n  }\n  return {\n    names,\n    code\n  };\n}\n\nObject.defineProperty(exports, '__esModule', {\n  value:\n  true\n});\nexports.matchesPattern = matchesPattern;\nexports.has = has;\nexports.isStatic = isStatic;\nexports.isnt =\n  isnt;\nexports.equals = equals;\nexports.isNodeType =\n  isNodeType;\nexports.canHaveVariableDeclarationOrExpression =\n  canHaveVariableDeclarationOrExpression;\nexports.canSwapBetweenExpressionAndStatement =\n  canSwapBetweenExpressionAndStatement;\nexports.isCompletionRecord =\n  isCompletionRecord;\nexports.isStatementOrBlock = isStatementOrBlock;\nexports.referencesImport =\n  referencesImport;\nexports.getSource = getSource;\nexports.willIMaybeExecuteBefore =\n  willIMaybeExecuteBefore;\nexports._guessExecutionStatusRelativeTo =\n  _guessExecutionStatusRelativeTo;\nexports._guessExecutionStatusRelativeToDifferentFunctions =\n  _guessExecutionStatusRelativeToDifferentFunctions;\nexports.resolve = resolve;\nexports._resolve =\n  _resolve;\nexports.isConstantExpression = isConstantExpression;\nexports.isInStrictMode =\n  isInStrictMode;\nexports.is = void 0;\nvar t = _interopRequireWildcard(require('@babel/types'));\nfunction\n  _getRequireWildcardCache() {\n  if (typeof WeakMap !== 'function') return null;\n  var cache = new WeakMap();\n  _getRequireWildcardCache = function () {\n    return cache;\n  };\n  return cache;\n}\nfunction\n  _interopRequireWildcard(obj) {\n  if (obj && obj.__esModule) {\n    return obj;\n  }\n  if (obj === null || typeof obj !==\n  'object' && typeof obj !== 'function') {\n    return { default: obj };\n  }\n  var cache = _getRequireWildcardCache();\n  if (cache && cache.has(obj)) {\n    return cache.get(obj);\n  }\n  var newObj = {};\n  var hasPropertyDescriptor =\n  Object.defineProperty && Object.getOwnPropertyDescriptor;\n  for (var key in obj) {\n    if\n    (Object.prototype.hasOwnProperty.call(obj, key)) {\n      var desc = hasPropertyDescriptor ?\n      Object.getOwnPropertyDescriptor(obj, key) : null;\n      if (desc && (desc.get || desc.set)) {\n        Object.defineProperty(newObj, key, desc);\n      } else {\n        newObj[key] = obj[key];\n      }\n    }\n  }\n  newObj.default = obj;\n  if (cache) {\n    cache.set(obj, newObj);\n  }\n  return newObj;\n}\n\nfunction matchesPattern(pattern, allowPartial) {\n  return\n  t.matchesPattern(this.node, pattern, allowPartial);\n}\n\nfunction has(key) {\n  const val = this.node &&\n  this.node[key];\n  if (val && Array.isArray(val)) {\n    return !!val.length;\n  } else {\n    return !!val;\n  }\n}\n\nfunction isStatic() {\n  return this.scope.isStatic(this.node);\n}\n\nconst is = has;\nexports.is =\n  is;\n\nfunction isnt(key) {\n  return !this.has(key);\n}\n\nfunction equals(key, value) {\n  return this.node[key] ===\n  value;\n}\n\nfunction isNodeType(type) {\n  return t.isType(this.type, type);\n}\n\nfunction\n  canHaveVariableDeclarationOrExpression() {\n  return (this.key === 'init' || this.key === 'left') &&\n  this.parentPath.isFor();\n}\n\nfunction canSwapBetweenExpressionAndStatement(replacement) {\n  if (this.key !==\n  'body' || !this.parentPath.isArrowFunctionExpression()) {\n    return false;\n  }\n  if (this.isExpression()) {\n

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return t.isBlockStatement(replacement);\n } else if (this.isBlockStatement()) {\n  return
t.isExpression(replacement);\n }\n\n return false;\n}\n\nfunction isCompletionRecord(allowInsideFunction) {\n let
path = this;\n let first = true;\n\n do {\n  const container = path.container;\n\n  if (path.isFunction() && !first) {\n
  return !!allowInsideFunction;\n  }\n\n  first = false;\n\n  if (Array.isArray(container) && path.key !==
container.length - 1) {\n  return false;\n  }\n } while ((path = path.parentPath) && !path.isProgram());\n\n
return true;\n}\n\nfunction isStatementOrBlock() {\n if (this.parentPath.isLabeledStatement() ||
t.isBlockStatement(this.container)) {\n  return false;\n } else {\n  return
t.STATEMENT_OR_BLOCK_KEYS.includes(this.key);\n }\n}\n\nfunction referencesImport(moduleSource,
importName) {\n if (!this.isReferencedIdentifier()) return false;\n  const binding =
this.scope.getBinding(this.node.name);\n  if (!binding || binding.kind !== "module") return false;\n  const path =
binding.path;\n  const parent = path.parentPath;\n  if (!parent.isImportDeclaration()) return false;\n\n  if
(parent.node.source.value === moduleSource) {\n  if (!importName) return true;\n  } else {\n  return false;\n
}\n\n  if (path.isImportDefaultSpecifier() && importName === "default") {\n  return true;\n }\n\n  if
(path.isImportNamespaceSpecifier() && importName === "*"*) {\n  return true;\n }\n\n  if
(path.isImportSpecifier() && path.node.imported.name === importName) {\n  return true;\n }\n\n  return
false;\n}\n\nfunction getSource() {\n const node = this.node;\n\n if (node.end) {\n  const code =
this.hub.getCode();\n  if (code) return code.slice(node.start, node.end);\n }\n\n return "";\n}\n\nfunction
willIMaybeExecuteBefore(target) {\n return this._guessExecutionStatusRelativeTo(target) !==
"after";\n}\n\nfunction getOuterFunction(path) {\n return (path.scope.getFunctionParent() ||
path.scope.getProgramParent()).path;\n}\n\nfunction isExecutionUncertain(type, key) {\n switch (type) {\n case
"LogicalExpression":\n  return key === "right";\n case "ConditionalExpression":\n case
"IfStatement":\n  return key === "consequent" || key === "alternate";\n case "WhileStatement":\n case
"DoWhileStatement":\n case "ForInStatement":\n case "ForOfStatement":\n  return key === "body";\n case
"ForStatement":\n  return key === "body" || key === "update";\n case "SwitchStatement":\n
return key === "cases";\n case "TryStatement":\n  return key === "handler";\n case
"AssignmentPattern":\n  return key === "right";\n case "OptionalMemberExpression":\n  return key
=== "property";\n case "OptionalCallExpression":\n  return key === "arguments";\n default:\n
return false;\n }\n}\n\nfunction isExecutionUncertainInList(paths, maxIndex) {\n for (let i = 0; i < maxIndex; i++)
{\n  const path = paths[i];\n\n  if (isExecutionUncertain(path.parent.type, path.parentKey)) {\n  return true;\n
}\n }\n\n return false;\n}\n\nfunction _guessExecutionStatusRelativeTo(target) {\n const funcParent = {\n this:
getOuterFunction(this),\n target: getOuterFunction(target)\n };\n\n if (funcParent.target.node !==
funcParent.this.node) {\n  return this._guessExecutionStatusRelativeToDifferentFunctions(funcParent.target);\n
}\n\n const paths = {\n target: target.getAncestry(),\n this: this.getAncestry()\n };\n\n if
(paths.target.indexOf(this) >= 0) return "after";\n  if (paths.this.indexOf(target) >= 0) return "before";\n  let
commonPath;\n  const commonIndex = {\n target: 0,\n this: 0\n };\n\n  while (!commonPath &&
commonIndex.this < paths.this.length) {\n  const path = paths.this[commonIndex.this];\n  commonIndex.target =
paths.target.indexOf(path);\n  if (commonIndex.target >= 0) {\n  commonPath = path;\n  } else {\n
commonIndex.this++;\n  }\n }\n\n  if (!commonPath) {\n  throw new Error("Internal Babel error - The two
compared nodes" + " don't appear to belong to the same program.");\n }\n\n  if
(isExecutionUncertainInList(paths.this, commonIndex.this - 1) || isExecutionUncertainInList(paths.target,
commonIndex.target - 1)) {\n  return "unknown";\n }\n\n  const divergence = {\n this:
paths.this[commonIndex.this - 1],\n target: paths.target[commonIndex.target - 1]\n };\n\n  if
(divergence.target.listKey && divergence.this.listKey && divergence.target.container ===
divergence.this.container) {\n  return divergence.target.key > divergence.this.key ? "before" : "after";\n }\n\n
const keys = t.VISITOR_KEYS[commonPath.type];\n  const keyPosition = {\n this:
keys.indexOf(divergence.this.parentKey),\n target: keys.indexOf(divergence.target.parentKey)\n };\n  return
keyPosition.target > keyPosition.this ? "before" : "after";\n }\n\n\nconst executionOrderCheckedNodes = new
WeakSet();\n\nfunction _guessExecutionStatusRelativeToDifferentFunctions(target) {\n if

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(!target.isFunctionDeclaration() || target.parentPath.isExportDeclaration()) {\n  return \"unknown\";\n }\n\n const
binding = target.scope.getBinding(target.node.id.name);\n if (!binding.references) return \"before\";\n const
referencePaths = binding.referencePaths;\n let allStatus;\n\n for (const path of referencePaths) {\n  const
childOfFunction = !!path.find(path => path.node === target.node);\n  if (childOfFunction) continue;\n\n  if
(path.key !== \"callee\" || !path.parentPath.isCallExpression()) {\n  return \"unknown\";\n }\n\n  if
(executionOrderCheckedNodes.has(path.node)) continue;\n  executionOrderCheckedNodes.add(path.node);\n\n  const
status = this._guessExecutionStatusRelativeTo(path);\n\n  executionOrderCheckedNodes.delete(path.node);\n\n  if
(allStatus && allStatus !== status) {\n  return
\"unknown\";\n  } else {\n  allStatus = status;\n  }\n\n  return allStatus;\n }\n\nfunction resolve(dangerous,
resolved) {\n  return this._resolve(dangerous, resolved) || this;\n }\n\nfunction _resolve(dangerous, resolved) {\n
if (resolved && resolved.indexOf(this) >= 0) return;\n  resolved = resolved || [];\n  resolved.push(this);\n\n  if
(this.isVariableDeclarator()) {\n  if (this.get(\"id\").isIdentifier()) {\n  return this.get(\"init\").resolve(dangerous,
resolved);\n  } else { }\n  } else if (this.isReferencedIdentifier()) {\n  const binding =
this.scope.getBinding(this.node.name);\n  if (!binding) return;\n  if (!binding.constant) return;\n  if (binding.kind
=== \"module\") return;\n\n  if (binding.path !== this) {\n  const ret = binding.path.resolve(dangerous,
resolved);\n  if (this.find(parent => parent.node === ret.node)) return;\n  return ret;\n  }\n  } else if
(this.isTypeCastExpression()) {\n  return this.get(\"expression\").resolve(dangerous, resolved);\n  } else if
(dangerous && this.isMemberExpression()) {\n  const targetKey = this.toComputedKey();\n  if
(!t.isLiteral(targetKey)) return;\n  const targetName = targetKey.value;\n  const target =
this.get(\"object\").resolve(dangerous, resolved);\n\n  if (target.isObjectExpression()) {\n  const props =
target.get(\"properties\");\n\n  for (const prop of props) {\n  if (!prop.isProperty()) continue;\n  const key =
prop.get(\"key\");\n  let match = prop.isnt(\"computed\") && key.isIdentifier({\n  name: targetName\n
});\n  match = match || key.isLiteral({\n  value: targetName\n });\n  if (match) return
prop.get(\"value\").resolve(dangerous, resolved);\n  }\n  } else if (target.isArrayExpression() &&
!isNaN(+targetName)) {\n  const elems = target.get(\"elements\");\n  const elem = elems[targetName];\n  if
(elem) return elem.resolve(dangerous, resolved);\n  }\n  }\n }\n\nfunction isConstantExpression() {\n  if
(this.isIdentifier()) {\n  const binding = this.scope.getBinding(this.node.name);\n  if (!binding) return false;\n
return binding.constant;\n  }\n\n  if (this.isLiteral()) {\n  if (this.isRegExpLiteral()) {\n  return false;\n  }\n\n  if
(this.isTemplateLiteral()) {\n  return this.get(\"expressions\").every(expression =>
expression.isConstantExpression());\n  }\n\n  return true;\n  }\n\n  if (this.isUnaryExpression()) {\n  if
(this.get(\"operator\").node !== \"void\") {\n  return false;\n  }\n\n  return
this.get(\"argument\").isConstantExpression();\n  }\n\n  if (this.isBinaryExpression()) {\n  return
this.get(\"left\").isConstantExpression() && this.get(\"right\").isConstantExpression();\n  }\n\n  return
false;\n }\n\nfunction isInStrictMode() {\n  const start = this.isProgram() ? this : this.parentPath;\n  const strictParent
= start.find(path => {\n  if (path.isProgram({\n  sourceType: \"module\"\n }))) return true;\n  if (path.isClass())
return true;\n  if (!path.isProgram() && !path.isFunction()) return false;\n\n  if
(path.isArrowFunctionExpression() && !path.get(\"body\").isBlockStatement()) {\n  return false;\n  }\n\n  let
{\n  node\n } = path;\n  if (path.isFunction()) node = node.body;\n\n  for (const directive of node.directives)
{\n  if (directive.value.value === \"use strict\") {\n  return true;\n  }\n  }\n  }\n\n  return
!!strictParent;\n }\n\n\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value:
true\n});\n\nexports.call = call;\n\nexports._call = _call;\n\nexports.isBlacklisted = exports.isDenylisted =
isDenylisted;\n\nexports.visit = visit;\n\nexports.skip = skip;\n\nexports.skipKey = skipKey;\n\nexports.stop =
stop;\n\nexports.setScope = setScope;\n\nexports.setContext = setContext;\n\nexports.resync =
resync;\n\nexports._resyncParent = _resyncParent;\n\nexports._resyncKey = _resyncKey;\n\nexports._resyncList =
_resyncList;\n\nexports._resyncRemoved = _resyncRemoved;\n\nexports.popContext =
popContext;\n\nexports.pushContext = pushContext;\n\nexports.setup = setup;\n\nexports.setKey =
setKey;\n\nexports.requeue = requeue;\n\nexports._getQueueContexts = _getQueueContexts;\n\n\nvar _index =
_interopRequireDefault(require(\"../index\"));\n\nvar _index2 = require(\"./index\");\n\nfunction

```

```

_interopRequireDefault(obj) { return obj && obj.__esModule ? obj : { default: obj }; }
function call(key) {
  const opts = this.opts;
  this.debug(key);
  if (this.node) {
    if (this._call(opts[key])) return true;
  }
  if (this.node) {
    return this._call(opts[this.node.type] && opts[this.node.type][key]);
  }
  return false;
}
function _call(fns) {
  if (!fns) return false;
  for (const fn of fns) {
    if (!fn) continue;
    const node = this.node;
    if (!node) return true;
    const ret = fn.call(this.state, this, this.state);
    if (ret && typeof ret === "object" && typeof ret.then === "function") {
      throw new Error(`You appear to be using a plugin with an async traversal visitor, ` + `which your current version of Babel does not support. ` + `If you're using a published plugin, you may need to upgrade ` + `your @babel/core version.`);
    }
  }
  if (ret) {
    throw new Error(`Unexpected return value from visitor method ${fn}`);
  }
  if (this.node !== node) return true;
  if (this._traverseFlags > 0) return true;
}
function isDenylisted() {
  var _this$opts$denylist;
  const denylist = (_this$opts$denylist = this.opts.denylist) != null ? _this$opts$denylist : this.opts.blacklist;
  return denylist && denylist.indexOf(this.node.type) > -1;
}
function visit() {
  if (!this.node) {
    return false;
  }
  if (this.isDenylisted()) {
    return false;
  }
  if (this.opts.shouldSkip && this.opts.shouldSkip(this)) {
    return false;
  }
  if (this.shouldSkip || this.call("enter") || this.shouldSkip) {
    this.debug("Skip...");
    return this.shouldStop;
  }
  this.debug("Recurring into...");
  _index.default.node(this.node, this.opts, this.scope, this.state, this, this.skipKeys);
  this.call("exit");
  return this.shouldStop;
}
function skip() {
  this.shouldSkip = true;
}
function skipKey(key) {
  if (this.skipKeys == null) {
    this.skipKeys = {};
  }
  this.skipKeys[key] = true;
}
function stop() {
  this._traverseFlags |= _index2.SHOULD_SKIP | _index2.SHOULD_STOP;
}
function setScope() {
  if (this.opts && this.opts.noScope) return;
  let path = this.parentPath;
  let target;
  while (path && !target) {
    if (path.opts && path.opts.noScope) return;
    target = path.scope;
    path = path.parentPath;
  }
  this.scope = this.getScope(target);
  if (this.scope) this.scope.init();
}
function setContext(context) {
  if (this.skipKeys != null) {
    this.skipKeys = {};
  }
  this._traverseFlags = 0;
  if (context) {
    this.context = context;
    this.state = context.state;
    this.opts = context.opts;
  }
  this.setScope();
  return this;
}
function resync() {
  if (this.removed) return;
  this._resyncParent();
  this._resyncList();
  this._resyncKey();
}
function _resyncParent() {
  if (this.parentPath) {
    this.parent = this.parentPath.node;
  }
}
function _resyncKey() {
  if (!this.container) return;
  if (this.node === this.container[this.key]) return;
  if (Array.isArray(this.container)) {
    for (let i = 0; i < this.container.length; i++) {
      if (this.container[i] === this.node) {
        return this.setKey(i);
      }
    }
  } else {
    for (const key of Object.keys(this.container)) {
      if (this.container[key] === this.node) {
        return this.setKey(key);
      }
    }
  }
  this.key = null;
}
function _resyncList() {
  if (!this.parent || !this.inList) return;
  const newContainer = this.parent[this.listKey];
  if (this.container === newContainer) return;
  this.container = newContainer || null;
}
function _resyncRemoved() {
  if (this.key == null || !this.container || this.container[this.key] !== this.node) {
    this._markRemoved();
  }
}
function popContext() {
  this.contexts.pop();
  if (this.contexts.length > 0) {
    this.setContext(this.contexts[this.contexts.length - 1]);
  } else {
    this.setContext(undefined);
  }
}
function pushContext(context) {
  this.contexts.push(context);
  this.setContext(context);
}
function setup(parentPath, container, listKey, key) {
  this.listKey = listKey;
  this.container = container;
  this.parentPath = parentPath || this.parentPath;
  this.setKey(key);
}
function setKey(key) {
  var _this$node;
  this.key = key;
  this.node = this.container[this.key];
  this.type = (_this$node = this.node) == null ? void 0 : _this$node.type;
}
function requeue(pathToQueue = this) {
  if (pathToQueue.removed) return;
  const contexts = this.contexts;
  for (const context of contexts) {
    context.maybeQueue(pathToQueue);
  }
}
function _getQueueContexts() {
  let path = this;
  let contexts = this.contexts;
  while (!contexts.length) {
    path = path.parentPath;
    if (!path) break;
    contexts = path.contexts;
  }
  return contexts;
}
Object.defineProperty(exports, "__esModule", {
  value: true
});
exports.remove = remove;
exports._removeFromScope = _removeFromScope;
exports._callRemovalHooks = _callRemovalHooks;
exports._remove = _remove;
exports._markRemoved = _markRemoved;
exports._assertUnremoved = _assertUnremoved;
var _removalHooks = require("./lib/removal-hooks");
var _index = require("./index");
function remove() {

```

```

var _this$options;
this._assertUnremoved();
this.resync();
if (!((_this$options = this.options) == null ? void 0 :
_this$options.noScope)) {
  this._removeFromScope();
}
if (this._callRemovalHooks()) {
  this._markRemoved();
  return;
}
this.shareCommentsWithSiblings();
this._remove();
this._markRemoved();
}
function _removeFromScope() {
  const bindings = this.getBindingIdentifiers();
  Object.keys(bindings).forEach(name => this.scope.removeBinding(name));
}
function _callRemovalHooks() {
  for (const fn of _removalHooks.hooks) {
    if (fn(this, this.parentPath)) return true;
  }
}
function _remove() {
  if (Array.isArray(this.container)) {
    this.container.splice(this.key, 1);
    this.updateSiblingKeys(this.key, -1);
  } else {
    this._replaceWith(null);
  }
}
function _markRemoved() {
  this._traverseFlags |= _index.SHOULD_SKIP | _index.REMOVED;
  this.node = null;
}
function _assertUnremoved() {
  if (this.removed) {
    throw this.buildCodeFrameError(`NodePath has been removed so
is read-only.`);
  }
}
"use strict";
Object.defineProperty(exports, "__esModule", {
  value: true
});
exports.hooks = void 0;
const hooks = [function (self, parent) {
  const removeParent = self.key ===
  "test" && (parent.isWhile() || parent.isSwitchCase()) || self.key ===
  "declaration" &&
  parent.isExportDeclaration() || self.key === "body" && parent.isLabeledStatement() || self.listKey ===
  "declarations" && parent.isVariableDeclaration() && parent.node.declarations.length === 1 || self.key ===
  "expression" && parent.isExpressionStatement();
  if (removeParent) {
    parent.remove();
    return true;
  }
}, function (self, parent) {
  if (parent.isSequenceExpression() && parent.node.expressions.length === 1) {
    parent.replaceWith(parent.node.expressions[0]);
    return true;
  }
}, function (self, parent) {
  if
  (parent.isBinary()) {
    if (self.key === "left") {
      parent.replaceWith(parent.node.right);
    } else {
      parent.replaceWith(parent.node.left);
    }
  }
  return true;
}, function (self, parent) {
  if
  (parent.isIfStatement() && (self.key === "consequent" || self.key === "alternate") || self.key === "body" &&
  (parent.isLoop() || parent.isArrowFunctionExpression())) {
    self.replaceWith({
      type: "BlockStatement",
      body: []
    });
    return true;
  }
}];
exports.hooks = hooks;
"use strict";
Object.defineProperty(exports,
  "__esModule", {
  value: true
});
exports.insertBefore = insertBefore;
exports._containerInsert =
  _containerInsert;
exports._containerInsertBefore = _containerInsertBefore;
exports._containerInsertAfter =
  _containerInsertAfter;
exports.insertAfter = insertAfter;
exports.updateSiblingKeys =
  updateSiblingKeys;
exports._verifyNodeList = _verifyNodeList;
exports.unshiftContainer =
  unshiftContainer;
exports.pushContainer = pushContainer;
exports.hoist = hoist;
var _cache =
  require("../cache");
var _hoister = _interopRequireDefault(require("../lib/hoister"));
var _index =
  _interopRequireDefault(require("../index"));
var t =
  _interopRequireWildcard(require("@babel/types"));
function _getRequireWildcardCache() {
  if (typeof
  WeakMap !== "function") return null;
  var cache = new WeakMap();
  _getRequireWildcardCache = function () {
    return cache;
  };
  return cache;
}
function _interopRequireWildcard(obj) {
  if (obj && obj.__esModule) {
    return
    obj;
  }
  if (obj === null || typeof obj !== "object" &&
  typeof obj !== "function") {
    return {
      default: obj
    };
  }
  var cache = _getRequireWildcardCache();
  if (cache && cache.has(obj)) {
    return
    cache.get(obj);
  }
  var newObj = {};
  var hasPropertyDescriptor = Object.defineProperty &&
  Object.getOwnPropertyDescriptor;
  for (var key in obj) {
    if
    (Object.prototype.hasOwnProperty.call(obj, key)) {
      var desc = hasPropertyDescriptor ?
      Object.getOwnPropertyDescriptor(obj, key) : null;
      if (desc && (desc.get || desc.set)) {
        Object.defineProperty(newObj, key, desc);
      } else {
        newObj[key] = obj[key];
      }
    }
  }
  newObj.default = obj;
  if (cache) {
    cache.set(obj,
      newObj);
  }
  return newObj;
}
function _interopRequireDefault(obj) {
  return obj &&
  obj.__esModule ? obj : {
    default: obj
  };
}
function insertBefore(nodes) {
  this._assertUnremoved();
  nodes =
  this._verifyNodeList(nodes);
  const {
    parentPath
  } = this;
  if (parentPath.isExpressionStatement() ||
  parentPath.isLabeledStatement() || parentPath.isExportNamedDeclaration() ||
  parentPath.isExportDefaultDeclaration() && this.isDeclaration()) {
    return
    parentPath.insertBefore(nodes);
  }
  else if (this.isNodeType("Expression") && !this.isJSXElement() ||
  parentPath.isForStatement() && this.key ===
  "init") {
    if (this.node) nodes.push(this.node);
    return
    this.replaceExpressionWithStatements(nodes);
  }
  else if (Array.isArray(this.container)) {
    return
    this._containerInsertBefore(nodes);
  }
  else if
  (this.isStatementOrBlock()) {
    const shouldInsertCurrentNode = this.node &&
    (!this.isExpressionStatement() ||

```

```

this.node.expression !== null);
this.replaceWith(t.blockStatement(shouldInsertCurrentNode ? [this.node] : []));
return this.unshiftContainer("body", nodes);
} else {
  throw new Error("We don't know what to do with this node type. \" + \"We were previously a Statement but we can't fit in here?\");
}
}
}
function
_containerInsert(from, nodes) {
  this.updateSiblingKeys(from, nodes.length);
  const paths = [];
  this.container.splice(from, 0, ...nodes);
  for (let i = 0; i < nodes.length; i++) {
    const to = from + i;
    const path = this.getSibling(to);
    paths.push(path);
    if (this.context && this.context.queue) {
      path.pushContext(this.context);
    }
  }
  const contexts = this._getQueueContexts();
  for (const path of paths) {
    path.setScope();
    path.debug("Inserted.");
    for (const context of contexts) {
      context.maybeQueue(path, true);
    }
  }
  return paths;
}
function _containerInsertBefore(nodes) {
  return this._containerInsert(this.key, nodes);
}
function _containerInsertAfter(nodes) {
  return this._containerInsert(this.key + 1, nodes);
}
function insertAfter(nodes) {
  this._assertUnremoved();
  nodes = this._verifyNodeList(nodes);
  const { parentPath } = this;
  if (parentPath.isExpressionStatement() || parentPath.isLabeledStatement() || parentPath.isExportNamedDeclaration() || parentPath.isExportDefaultDeclaration() && this.isDeclaration()) {
    return parentPath.insertAfter(nodes.map(node => {
      return t.isExpression(node) ? t.expressionStatement(node) : node;
    }));
  } else if (this.isNodeType("Expression") && !this.isJSXElement() && !parentPath.isJSXElement() || parentPath.isForStatement() && this.key === "init") {
    if (this.node) {
      let { scope } = this;
      if (parentPath.isMethod({ computed: true, key: this.node })) {
        scope = scope.parent;
      }
      const temp = scope.generateDeclaredUidIdentifier();
      nodes.unshift(t.expressionStatement(t.assignmentExpression("=", t.cloneNode(temp), this.node)));
      nodes.push(t.expressionStatement(t.cloneNode(temp)));
    }
    return this.replaceExpressionWithStatements(nodes);
  } else if (Array.isArray(this.container)) {
    return this._containerInsertAfter(nodes);
  } else if (this.isStatementOrBlock()) {
    const shouldInsertCurrentNode = this.node && (!this.isExpressionStatement() || this.node.expression !== null);
    this.replaceWith(t.blockStatement(shouldInsertCurrentNode ? [this.node] : []));
    return this.pushContainer("body", nodes);
  } else {
    throw new Error("We don't know what to do with this node type. \" + \"We were previously a Statement but we can't fit in here?\");
  }
}
function updateSiblingKeys(fromIndex, incrementBy) {
  if (!this.parent) return;
  const paths = _cache.path.get(this.parent);
  for (let i = 0; i < paths.length; i++) {
    const path = paths[i];
    if (path.key >= fromIndex) {
      path.key += incrementBy;
    }
  }
}
function _verifyNodeList(nodes) {
  if (!nodes) return [];
  if (nodes.constructor !== Array) {
    nodes = [nodes];
  }
  for (let i = 0; i < nodes.length; i++) {
    const node = nodes[i];
    let msg;
    if (!node) {
      msg = "has falsy node";
    } else if (typeof node !== "object") {
      msg = "contains a non-object node";
    } else if (!node.type) {
      msg = "without a type";
    } else if (node instanceof _index.default) {
      msg = "has a NodePath when it expected a raw object";
    }
    if (msg) {
      const type = Array.isArray(node) ? "array" : typeof node;
      throw new Error(`Node list ${msg} with the index of ${i} and type of ${type}`);
    }
  }
  return nodes;
}
function unshiftContainer(listKey, nodes) {
  this._assertUnremoved();
  nodes = this._verifyNodeList(nodes);
  const path = _index.default.get({ parentPath: this, parent: this.node, container: this.node[listKey], listKey, key: 0 });
  return path._containerInsertBefore(nodes);
}
function pushContainer(listKey, nodes) {
  this._assertUnremoved();
  nodes = this._verifyNodeList(nodes);
  const container = this.node[listKey];
  const path = _index.default.get({ parentPath: this, parent: this.node, container: container, listKey, key: container.length });
  return path.replaceWithMultiple(nodes);
}
function hoist(scope = this.scope) {
  const hoister = new _hoister.default(this, scope);
  return hoister.run();
}
"use strict";
Object.defineProperty(exports, "__esModule", { value: true });
exports.default = void 0;
var t = _interopRequireWildcard(require("@babel/types"));
function _getRequireWildcardCache() {
  if (typeof WeakMap !== "function") return null;
  var cache = new WeakMap();
  _getRequireWildcardCache = function () {
    return cache;
  };
  return cache;
}
function _interopRequireWildcard(obj) {
  if (obj && obj.__esModule) {
    return obj;
  }
  if (obj === null || typeof obj !== "object" && typeof obj !== "function") {
    return { default: obj };
  }
  var

```



```

cache = _getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var
hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }
\n\nconst referenceVisitor = {
  \n ReferencedIdentifier(path, state) {
    \n if (path.isJSXIdentifier() && t.react.isCompatTag(path.node.name) && !path.parentPath.isJSXMemberExpression())
    \n return;
    \n }
    \n if (path.node.name === "this") {
      \n let scope = path.scope;
      \n do {
        \n if (scope.path.isFunction() && !scope.path.isArrowFunctionExpression()) {
          \n break;
        \n }
        \n } while (scope = scope.parent);
      \n if (scope) state.breakOnScopePaths.push(scope.path);
    \n }
    \n const binding = path.scope.getBinding(path.node.name);
    \n if (!binding) return;
    \n for (const violation of binding.constantViolations) {
      \n if (violation.scope !== binding.path.scope) {
        \n state.mutableBinding = true;
        \n path.stop();
        \n return;
      \n }
      \n if (binding !== state.scope.getBinding(path.node.name))
      \n return;
      \n state.bindings[path.node.name] = binding;
    \n }
  }
};
\n\nclass PathHoister {
  \n constructor(path, scope) {
    \n this.breakOnScopePaths = [];
    \n this.bindings = {};
    \n this.mutableBinding = false;
    \n this.scopes = [];
    \n this.scope = scope;
    \n this.path = path;
    \n this.attachAfter = false;
  }
  \n isCompatibleScope(scope) {
    \n for (const key of Object.keys(this.bindings)) {
      \n const binding = this.bindings[key];
      \n if (!scope.bindingIdentifierEquals(key, binding.identifier)) {
        \n return false;
      \n }
    \n }
    \n return true;
  }
  \n getCompatibleScopes() {
    \n let scope = this.path.scope;
    \n do {
      \n if (this.isCompatibleScope(scope)) {
        \n this.scopes.push(scope);
      \n } else {
        \n break;
      \n }
    \n } while (scope = scope.parent);
  }
  \n getAttachmentPath() {
    \n let path = this._getAttachmentPath();
    \n if (!path) return;
    \n let targetScope = path.scope;
    \n if (targetScope.path === path) {
      \n targetScope = path.scope.parent;
    \n }
    \n if (targetScope.path.isProgram() || targetScope.path.isFunction()) {
      \n for (const name of Object.keys(this.bindings)) {
        \n if (!targetScope.hasOwnBinding(name)) continue;
        \n const binding = this.bindings[name];
        \n if (binding.kind === "param" || binding.path.parentKey === "params") {
          \n continue;
        \n }
        \n const bindingParentPath = this.getAttachmentParentForPath(binding.path);
        \n if (bindingParentPath.key >= path.key) {
          \n this.attachAfter = true;
          \n path = binding.path;
          \n for (const violationPath of binding.constantViolations) {
            \n if (this.getAttachmentParentForPath(violationPath).key > path.key) {
              \n path = violationPath;
            \n }
          \n }
          \n return path;
        \n }
      \n }
    \n }
    \n const scopes = this.scopes;
    \n const scope = scopes.pop();
    \n if (!scope) return;
    \n if (scope.path.isFunction()) {
      \n if (this.hasOwnParamBindings(scope)) {
        \n if (this.scope === scope) return;
        \n const bodies = scope.path.get("body").get("body");
        \n for (let i = 0; i < bodies.length; i++) {
          \n if (bodies[i].node._blockHoist) continue;
          \n return bodies[i];
        \n }
      \n } else {
        \n return this.getNextScopeAttachmentParent();
      \n }
    \n } else if (scope.path.isProgram()) {
      \n return this.getNextScopeAttachmentParent();
    \n }
  }
  \n getNextScopeAttachmentParent() {
    \n const scope = this.scopes.pop();
    \n if (scope) return this.getAttachmentParentForPath(scope.path);
  }
  \n getAttachmentParentForPath(path) {
    \n do {
      \n if (!path.parentPath || Array.isArray(path.container) && path.isStatement()) {
        \n return path;
      \n }
    \n } while (path = path.parentPath);
  }
  \n hasOwnParamBindings(scope) {
    \n for (const name of Object.keys(this.bindings)) {
      \n if (!scope.hasOwnBinding(name)) continue;
      \n const binding = this.bindings[name];
      \n if (binding.kind === "param" && binding.constant) return true;
    \n }
    \n return false;
  }
  \n run() {
    \n this.path.traverse(referenceVisitor, this);
    \n if (this.mutableBinding) return;
    \n this.getCompatibleScopes();
    \n const attachTo = this.getAttachmentPath();
    \n if (!attachTo) return;
    \n if (attachTo.getFunctionParent() === this.path.getFunctionParent()) return;
    \n let uid = attachTo.scope.generateUidIdentifier("ref");
    \n const declarator = t.variableDeclarator(uid, this.path.node);
    \n const insertFn = this.attachAfter ? "insertAfter" : "insertBefore";
    \n const [attached] = attachTo[insertFn]([attachTo.isVariableDeclarator() ? declarator : t.variableDeclaration("var", [declarator])]);
    \n const parent = this.path.parentPath;
    \n if (parent.isJSXElement() && this.path.container ===

```

```

parent.node.children) {\n  uid = t.JSXExpressionContainer(uid);\n  }\n\n
this.path.replaceWith(t.cloneNode(uid));\n  return attachTo.isVariableDeclarator() ? attached.get("init") :
attached.get("declarations.0.init");\n  }\n\n}\n\n\nexports.default = PathHoister;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nexports.getOpposite =
getOpposite;\n\nexports.getCompletionRecords = getCompletionRecords;\n\nexports.getSibling =
getSibling;\n\nexports.getPrevSibling = getPrevSibling;\n\nexports.getNextSibling =
getNextSibling;\n\nexports.getAllNextSiblings = getAllNextSiblings;\n\nexports.getAllPrevSiblings =
getAllPrevSiblings;\n\nexports.get = get;\n\nexports._getKey = _getKey;\n\nexports._getPattern =
_getPattern;\n\nexports.getBindingIdentifiers = getBindingIdentifiers;\n\nexports.getOuterBindingIdentifiers =
getOuterBindingIdentifiers;\n\nexports.getBindingIdentifierPaths =
getBindingIdentifierPaths;\n\nexports.getOuterBindingIdentifierPaths = getOuterBindingIdentifierPaths;\n\n\nvar
_index = _interopRequireDefault(require("./index"));
\n\nvar t =
_interopRequireWildcard(require("@babel/types"));
\n\nfunction _getRequireWildcardCache() { if (typeof
WeakMap !== "function") return null; var cache = new WeakMap(); _getRequireWildcardCache = function () {
return cache; }; return cache; }\n\nfunction _interopRequireWildcard(obj) { if (obj && obj.__esModule) { return
obj; } if (obj === null || typeof obj !== "object" && typeof obj !== "function") { return { default: obj }; } var
cache = _getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var
hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }\n\nfunction _interopRequireDefault(obj) { return obj &&
obj.__esModule ? obj : { default: obj }; }\n\nfunction getOpposite() {\n  if (this.key === "left") {\n    return
this.getSibling("right");\n  } else if (this.key === "right") {\n    return this.getSibling("left");\n  }\n}\n\nfunction
addCompletionRecords(path, paths) {\n  if (path) return paths.concat(path.getCompletionRecords());\n  return
paths;\n}\n\nfunction findBreak(statements) {\n  let breakStatement;\n\n  if (!Array.isArray(statements)) {\n
statements = [statements];\n  }\n\n  for (const statement of statements) {\n    if (statement.isDoExpression() ||
statement.isProgram() || statement.isBlockStatement() || statement.isCatchClause() ||
statement.isLabeledStatement()) {\n      breakStatement = findBreak(statement.get("body"));
\n    } else if (statement.isIfStatement()) {\n      var _findBreak;\n\n      breakStatement = (_findBreak =
findBreak(statement.get("consequent"))) != null ? _findBreak : findBreak(statement.get("alternate"));
\n    } else if (statement.isTryStatement()) {\n      var _findBreak2;\n\n      breakStatement = (_findBreak2 =
findBreak(statement.get("block"))) != null ? _findBreak2 : findBreak(statement.get("handler"));
\n    } else if (statement.isBreakStatement()) {\n      breakStatement = statement;\n    }\n\n    if (breakStatement) {\n      return
breakStatement;\n    }\n  }\n\n  return null;\n}\n\nfunction completionRecordForSwitch(cases, paths) {\n  let
isLastCaseWithConsequent = true;\n\n  for (let i = cases.length - 1; i >= 0; i--) {\n    const switchCase = cases[i];\n    const consequent = switchCase.get("consequent");\n    let breakStatement = findBreak(consequent);\n\n    if (breakStatement) {\n      while (breakStatement.key === 0 && breakStatement.parentPath.isBlockStatement()) {\n
breakStatement = breakStatement.parentPath;\n      }\n\n      const prevSibling =
breakStatement.getPrevSibling();\n\n      if (breakStatement.key > 0 && (prevSibling.isExpressionStatement() ||
prevSibling.isBlockStatement())) {\n        paths = addCompletionRecords(prevSibling, paths);\n        breakStatement.remove();\n      } else {\n
breakStatement.replaceWith(breakStatement.scope.buildUndefinedNode());\n        paths =
addCompletionRecords(breakStatement, paths);\n      }\n    } else if (isLastCaseWithConsequent) {\n      const
statementFinder = statement => !statement.isBlockStatement() || statement.get("body").some(statementFinder);\n\n      const hasConsequent = consequent.some(statementFinder);\n\n      if (hasConsequent) {\n        paths =
addCompletionRecords(consequent[consequent.length - 1], paths);\n        isLastCaseWithConsequent = false;\n      }\n    }\n  }\n\n  return paths;\n}\n\nfunction getCompletionRecords() {\n  let paths = [];\n\n  if (this.isIfStatement())

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{\n  paths = addCompletionRecords(this.get(\`consequent\`), paths);\n  paths =
addCompletionRecords(this.get(\`alternate\`), paths);\n } else if (this.isDoExpression() || this.isFor() ||
this.isWhile()) {\n  paths = addCompletionRecords(this.get(\`body\`), paths);\n } else if (this.isProgram() ||
this.isBlockStatement()) {\n  paths = addCompletionRecords(this.get(\`body\`).pop(), paths);\n } else if
(this.isFunction()) {\n  return this.get(\`body\`).getCompletionRecords();\n } else if (this.isTryStatement()) {\n
paths = addCompletionRecords(this.get(\`block\`), paths);\n  paths = addCompletionRecords(this.get(\`handler\`),
paths);\n } else if (this.isCatchClause()) {\n  paths = addCompletionRecords(this.get(\`body\`), paths);\n } else if
(this.isSwitchStatement()) {\n  paths = completionRecordForSwitch(this.get(\`cases\`), paths);\n } else {\n
paths.push(this);\n }\n\n return paths;\n}\n\nfunction getSibling(key) {\n return _index.default.get({\n
parentPath: this.parentPath,\n parent: this.parent,\n container: this.container,\n listKey: this.listKey,\n key:
key\n });\n}\n\nfunction getPrevSibling() {\n return this.getSibling(this.key - 1);\n}\n\nfunction getNextSibling()
{\n return this.getSibling(this.key + 1);\n}\n\nfunction getAllNextSiblings() {\n let _key = this.key;\n let sibling =
this.getSibling(++_key);\n const siblings = [];\n\n while (sibling.node) {\n  siblings.push(sibling);\n  sibling =
this.getSibling(++_key);\n }\n\n return siblings;\n}\n\nfunction getAllPrevSiblings() {\n let _key = this.key;\n
let sibling = this.getSibling(--_key);\n const siblings = [];\n\n while (sibling.node) {\n  siblings.push(sibling);\n
sibling = this.getSibling(--_key);\n }\n\n return siblings;\n}\n\nfunction get(key, context) {\n if (context === true)
context = this.context;\n const parts = key.split(\`.\`);\n\n if (parts.length === 1) {\n  return this._getKey(key,
context);\n } else {\n  return this._getPattern(parts, context);\n }\n}\n\nfunction _getKey(key, context) {\n const
node = this.node;\n const container = node[key];\n\n if (Array.isArray(container)) {\n  return container.map((_, i)
=> {\n  return _index.default.get({\n    listKey: key,\n    parentPath: this,\n    parent: node,\n    container:
container,\n    key: i\n  }).setContext(context);\n });\n } else {\n  return _index.default.get({\n    parentPath:
this,\n    parent: node,\n    container: node,\n    key: key\n  }).setContext(context);\n }\n}\n\nfunction _getPattern(parts, context) {\n let path = this;\n\n for (const part of parts) {\n  if (part === \`..\`)
{\n  path = path.parentPath;\n } else {\n  if (Array.isArray(path)) {\n  path = path[part];\n } else {\n
path = path.get(part, context);\n  }\n }\n\n return path;\n}\n\nfunction getBindingIdentifiers(duplicates) {\n
return t.getBindingIdentifiers(this.node, duplicates);\n}\n\nfunction getOuterBindingIdentifiers(duplicates) {\n
return t.getOuterBindingIdentifiers(this.node, duplicates);\n}\n\nfunction getBindingIdentifierPaths(duplicates =
false, outerOnly = false) {\n const path = this;\n let search = [].concat(path);\n const ids = Object.create(null);\n\n
while (search.length) {\n  const id = search.shift();\n  if (!id) continue;\n  if (!id.node) continue;\n  const keys =
t.getBindingIdentifiers.keys[id.node.type];\n\n  if (id.isIdentifier()) {\n  if (duplicates) {\n  const _ids =
ids[id.node.name] = ids[id.node.name] || [];\n\n  _ids.push(id);\n } else {\n  ids[id.node.name] = id;\n
}\n\n  continue;\n }\n\n  if (id.isExportDeclaration()) {\n  const declaration = id.get(\`declaration\`);\n\n
if (declaration.isDeclaration()) {\n  search.push(declaration);\n }\n\n  continue;\n }\n\n  if (outerOnly)
{\n  if (id.isFunctionDeclaration()) {\n  search.push(id.get(\`id\`));\n  continue;\n }\n\n  if
(id.isFunctionExpression()) {\n  continue;\n }\n }\n\n  if (keys) {\n  for (let i = 0; i < keys.length; i++)
{\n  const key = keys[i];\n  const child = id.get(key);\n\n  if (Array.isArray(child) || child.node) {\n
search = search.concat(child);\n  }\n }\n }\n\n return ids;\n}\n\nfunction
getOuterBindingIdentifierPaths(duplicates) {\n return this.getBindingIdentifierPaths(duplicates, true);\n }", "\`use
strict\`";\n\nObject.defineProperty(exports, \`\_esModule\`, {\n value:
true\n});\n\nexports.shareCommentsWithSiblings = shareCommentsWithSiblings;\nexports.addComment =
addComment;\nexports.addComments = addComments;\n\nvar t =
_interopRequireWildcard(require(\`@babel/types\`));\n\nfunction _getRequireWildcardCache() { if (typeof
WeakMap !== \`function\`) return null; var cache = new WeakMap(); _getRequireWildcardCache = function () {
return cache; }; return cache; }\n\nfunction _interopRequireWildcard(obj) { if (obj && obj.\_esModule) { return
obj; } if (obj === null || typeof obj !== \`object\` && typeof obj !== \`function\`) { return { default: obj }; } var
cache = _getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var
hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?

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Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }
\n\nfunction shareCommentsWithSiblings() {\n if (typeof this.key ===
\nstring\n) return;\n const node = this.node;\n if (!node) return;\n const trailing = node.trailingComments;\n const
leading = node.leadingComments;\n if (!trailing && !leading) return;\n const prev = this.getSibling(this.key - 1);\n
const next = this.getSibling(this.key + 1);\n const hasPrev = Boolean(prev.node);\n const hasNext =
Boolean(next.node);\n\n if (hasPrev && !hasNext) {\n prev.addComments(\ntrailing\n, trailing);\n } else if
(hasNext && !hasPrev) {\n next.addComments(\nleading\n, leading);\n }\n}\n\nfunction addComment(type,
content, line) {\n t.addComment(this.node, type, content, line);\n}\n\nfunction addComments(type, comments) {\n
t.addComments(this.node, type, comments);\n}\n\nObject.defineProperty(exports, \n__esModule\n,
{\n value: true\n});\nexports.explode = explode;\nexports.verify = verify;\nexports.merge = merge;\n\nvar
virtualTypes = _interopRequireWildcard(require(\n./path/lib/virtual-types\n));\n\nvar t =
_interopRequireWildcard(require(\n@babel/types\n));\n\nfunction _getRequireWildcardCache() { if (typeof
WeakMap !== \nfunction\n) return null; var cache = new WeakMap(); _getRequireWildcardCache = function () {
return cache; }; return cache; }\n\nfunction _interopRequireWildcard(obj) { if (obj && obj.__esModule) { return
obj; } if (obj === null || typeof obj !== \nobject\n && typeof obj !== \nfunction\n) { return { default: obj }; } var
cache = _getRequireWildcardCache(); if (cache && cache.has(obj)) { return cache.get(obj); } var newObj = {}; var
hasPropertyDescriptor = Object.defineProperty && Object.getOwnPropertyDescriptor; for (var key in obj) { if
(Object.prototype.hasOwnProperty.call(obj, key)) { var desc = hasPropertyDescriptor ?
Object.getOwnPropertyDescriptor(obj, key) : null; if (desc && (desc.get || desc.set)) {
Object.defineProperty(newObj, key, desc); } else { newObj[key] = obj[key]; } } } newObj.default = obj; if (cache) {
cache.set(obj, newObj); } return newObj; }\n\nfunction explode(visitor) {\n if (visitor._exploded) return visitor;\n
visitor._exploded = true;\n\n for (const nodeType of Object.keys(visitor)) {\n if (shouldIgnoreKey(nodeType))
continue;\n const parts = nodeType.split(\n|\n");\n if (parts.length === 1) continue;\n const fns =
visitor[nodeType];\n delete visitor[nodeType];\n\n for (const part of parts) {\n visitor[part] = fns;\n }\n
}\n\n verify(visitor);\n delete visitor.__esModule;\n ensureEntranceObjects(visitor);\n
ensureCallbackArrays(visitor);\n\n for (const nodeType of Object.keys(visitor)) {\n if
(shouldIgnoreKey(nodeType)) continue;\n const wrapper = virtualTypes[nodeType];\n if (!wrapper) continue;\n
const fns = visitor[nodeType];\n\n for (const type of Object.keys(fns)) {\n fns[type] = wrapCheck(wrapper,
fns[type]);\n }\n\n delete visitor[nodeType];\n\n if (wrapper.types) {\n for (const type of wrapper.types) {\n
if (visitor[type]) {\n mergePair(visitor[type], fns);\n } else {\n visitor[type] = fns;\n }\n
}\n } else {\n mergePair(visitor, fns);\n }\n }\n\n for (const nodeType of Object.keys(visitor)) {\n if
(shouldIgnoreKey(nodeType)) continue;\n const fns = visitor[nodeType];\n let aliases =
t.FLIPPED_ALIAS_KEYS[nodeType];\n const deprecatedKey = t.DEPRECATED_KEYS[nodeType];\n\n if
(deprecatedKey) {\n console.trace(\nVisitor defined for ${nodeType} but it has been renamed to
${deprecatedKey}\n);\n aliases = [deprecatedKey];\n }\n\n if (!aliases) continue;\n delete
visitor[nodeType];\n\n for (const alias of aliases) {\n const existing = visitor[alias];\n\n if (existing) {\n
mergePair(existing, fns);\n } else {\n visitor[alias] = Object.assign({}, fns);\n }\n }\n }\n\n for (const
nodeType of Object.keys(visitor)) {\n if (shouldIgnoreKey(nodeType)) continue;\n
ensureCallbackArrays(visitor[nodeType]);\n }\n\n return visitor;\n}\n\nfunction verify(visitor) {\n if
(visitor._verified) return;\n\n if (typeof visitor === \nfunction\n) {\n throw new Error(\nYou passed \ntraverse()\n a
function when it expected a visitor object, \n + \nare you sure you didn't mean \n { enter: Function }`?\n);\n }\n\n for
(const nodeType of Object.keys(visitor)) {\n if (nodeType === \nenter\n || nodeType === \nexit\n) {\n
validateVisitorMethods(nodeType, visitor[nodeType]);\n }\n\n if (shouldIgnoreKey(nodeType)) continue;\n\n
if (t.TYPES.indexOf(nodeType) < 0) {\n throw new Error(\nYou gave us a visitor for the node type ${nodeType}
but it's not a valid type\n);\n }\n\n const visitors = visitor[nodeType];\n\n if (typeof visitors === \nobject\n) {\n
for (const visitorKey of Object.keys(visitors)) {\n if (visitorKey === \nenter\n || visitorKey === \nexit\n) {\n
validateVisitorMethods(\n${nodeType}\n.\n${visitorKey}\n, visitors[visitorKey]);\n } else {\n throw new

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Error("You passed `traverse()` a visitor object with the property ` + `${nodeType} that has the invalid property
`${visitorKey}`");
    }
    }
    }
    }
    }
    visitor._verified = true;
}

function validateVisitorMethods(path,
val) {
    const fns = [].concat(val);
    for (const fn of fns) {
        if (typeof fn !== "function") {
            throw new
            TypeError("Non-function found defined in ${path} with type ${typeof fn}");
        }
    }
}

function
merge(visitors, states = [], wrapper) {
    const rootVisitor = {};
    for (let i = 0; i < visitors.length; i++) {
        const
        visitor = visitors[i];
        const state = states[i];
        explode(visitor);
        for (const type of Object.keys(visitor)) {
            let
            visitorType = visitor[type];
            if (state || wrapper) {
                visitorType =
                wrapWithStateOrWrapper(visitorType, state, wrapper);
            }
            const nodeVisitor = rootVisitor[type] =
            rootVisitor[type] || {};
            mergePair(nodeVisitor, visitorType);
        }
    }
    return rootVisitor;
}

function
wrapWithStateOrWrapper(oldVisitor, state, wrapper) {
    const newVisitor = {};
    for (const key of
    Object.keys(oldVisitor)) {
        let fns = oldVisitor[key];
        if (!Array.isArray(fns)) continue;
        fns =
        fns.map(function (fn) {
            let newFn = fn;
            if (state) {
                newFn = function (path) {
                    return
                    fn.call(state, path, state);
                };
            }
            if (wrapper) {
                newFn = wrapper(state.key, key, newFn);
            }
            if (newFn !== fn) {
                newFn.toString = () => fn.toString();
            }
            return newFn;
        });
        newVisitor[key] = fns;
    }
    return newVisitor;
}

function ensureEntranceObjects(obj) {
    for (const key of
    Object.keys(obj)) {
        if (shouldIgnoreKey(key)) continue;
        const fns = obj[key];
        if (typeof fns ===
        "function") {
            obj[key] = {
                enter: fns
            };
        }
    }
}

function ensureCallbackArrays(obj) {
    if
    (obj.enter && !Array.isArray(obj.enter)) obj.enter = [obj.enter];
    if (obj.exit && !Array.isArray(obj.exit)) obj.exit
    = [obj.exit];
}

function wrapCheck(wrapper, fn) {
    const newFn = function (path) {
        if
        (wrapper.checkPath(path)) {
            return fn.apply(this, arguments);
        }
    };
    newFn.toString = () =>
    fn.toString();
    return newFn;
}

function shouldIgnoreKey(key) {
    if (key[0] === "_" ) return true;
    if
    (key === "enter" || key === "exit" || key === "shouldSkip") return true;
    if (key === "denylist" || key ===
    "noScope" || key === "skipKeys" || key === "blacklist") {
        return true;
    }
    return false;
}

function
mergePair(dest, src) {
    for (const key of Object.keys(src)) {
        dest[key] = [].concat(dest[key] || [], src[key]);
    }
}

"\"use strict\"";
Object.defineProperty(exports, "__esModule", {
value: true
});
exports.default = void
0;

class Hub {
    get code() {}
    get scope() {}
    addHelper() {
        throw new Error("Helpers are not
        supported by the default hub.");
    }
    buildError(node, msg, Error = TypeError) {
        return new Error(msg);
    }
}
exports.default = Hub;

(function(root, factory) {
    'use strict';
    // Universal Module Definition
    (UMD) to support AMD, CommonJS/Node.js, Rhino, and browsers.

    /* istanbul ignore next */
    if (typeof
    define === 'function' && define.amd) {
        define('stackframe', [], factory);
    } else if (typeof exports ===
    'object') {
        module.exports = factory();
    } else {
        root.StackFrame = factory();
    }
})(this, function() {
    'use strict';
    function _isNumber(n) {
        return !isNaN(parseFloat(n)) && isFinite(n);
    }

    function _capitalize(str) {
        return str.charAt(0).toUpperCase() + str.substring(1);
    }

    function _getter(p) {
        return function() {
            return this[p];
        };
    }

    var booleanProps = ['isConstructor', 'isEval',
    'isNative', 'isTopLevel'];
    var numericProps = ['columnNumber', 'lineNumber'];
    var stringProps = ['fileName',
    'functionName', 'source'];
    var arrayProps = ['args'];
    var props = booleanProps.concat(numericProps,
    stringProps, arrayProps);

    function StackFrame(obj) {
        if (!obj) return;
        for (var i = 0; i <
        props.length; i++) {
            if (obj[props[i]] !== undefined) {
                this['set' +
                _capitalize(props[i])](obj[props[i]]);
            }
        }
        StackFrame.prototype = {
            getArgs:
            function() {
                return this.args;
            },
            setArgs: function(v) {
                if
                (Object.prototype.toString.call(v) !== '[object Array]') {
                    throw new TypeError('Args must be an
                    Array');
                }
                this.args = v;
            },
            getEvalOrigin: function() {
                return
                this.evalOrigin;
            },
            setEvalOrigin: function(v) {
                if (v instanceof StackFrame) {
                    if
                    (v instanceof Object) {
                        this.evalOrigin = new StackFrame(v);
                    } else {
                        throw new TypeError('Eval Origin must be an Object or StackFrame');
                    }
                }
            },
            toString: function() {
                var fileName = this.getFileName() || "";
                var lineNumber =
                this.getLineNumber() || ";";
                var columnNumber = this.getColumnNumber() || ";";
                var functionName =
                this.getFunctionName() || ";";
                if (this.isEval()) {
                    if (fileName) {
                        return '[eval] (' +

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fileName + ':' + lineNumber + ':' + columnNumber + ');' + '\n' + 'return [eval]:' + lineNumber + ':' +
columnNumber;' + '\n' + 'if (functionName) {' + '\n' + 'return functionName + ' (' + fileName + ':' +
lineNumber + ':' + columnNumber + ');' + '\n' + '}' + '\n' + 'return fileName + ':' + lineNumber + ':' +
columnNumber;' + '\n' + '};' + '\n\n StackFrame.fromString = function StackFrame$$fromString(str) {' + '\n' + 'var
argsStartIndex = str.indexOf('(');' + '\n' + 'var argsEndIndex = str.lastIndexOf(');' + '\n\n' + 'var functionName =
str.substring(0, argsStartIndex);' + '\n' + 'var args = str.substring(argsStartIndex + 1, argsEndIndex).split(',');' + '\n' + 'var
locationString = str.substring(argsEndIndex + 1);' + '\n\n' + 'if (locationString.indexOf('@') === 0) {' + '\n' + 'var parts
= /@(.+)?(?:((\d+))?(?:((\d+))?)?$/exec(locationString, "");' + '\n' + 'var fileName = parts[1];' + '\n' + 'var lineNumber
= parts[2];' + '\n' + 'var columnNumber = parts[3];' + '\n' + '}' + '\n' + 'return new StackFrame({' + '\n' + 'functionName: functionName,' + '\n' + 'args: args || undefined,' + '\n' + 'fileName: fileName,' + '\n' + 'lineNumber:
lineNumber || undefined,' + '\n' + 'columnNumber: columnNumber || undefined' + '\n' + '});' + '\n' + '};' + '\n\n for (var i = 0; i
< booleanProps.length; i++) {' + '\n' + 'StackFrame.prototype[get + _capitalize(booleanProps[i])] =
_getter(booleanProps[i]);' + '\n' + 'StackFrame.prototype[set + _capitalize(booleanProps[i])] = (function(p) {' + '\n' + 'return function(v) {' + '\n' + 'this[p] = Boolean(v);' + '\n' + '};' + '\n' + '})(booleanProps[i]);' + '\n' + '}' + '\n\n for (var j = 0; j
< numericProps.length; j++) {' + '\n' + 'StackFrame.prototype[get + _capitalize(numericProps[j])] =
_getter(numericProps[j]);' + '\n' + 'StackFrame.prototype[set + _capitalize(numericProps[j])] = (function(p) {' + '\n' + 'return function(v) {' + '\n' + 'if (!isNumber(v)) {' + '\n' + 'throw new TypeError(p + ' must be a Number');' + '\n' + '}' + '\n' + 'this[p] = Number(v);' + '\n' + '};' + '\n' + '})(numericProps[j]);' + '\n' + '}' + '\n\n for (var k = 0; k <
stringProps.length; k++) {' + '\n' + 'StackFrame.prototype[get + _capitalize(stringProps[k])] =
_getter(stringProps[k]);' + '\n' + 'StackFrame.prototype[set + _capitalize(stringProps[k])] = (function(p) {' + '\n' + 'return function(v) {' + '\n' + 'this[p] = String(v);' + '\n' + '};' + '\n' + '})(stringProps[k]);' + '\n' + '}' + '\n\n return
StackFrame;' + '\n' + '});' + '\n\n\n * Copyright (c) Facebook, Inc. and its affiliates.' + '\n' + '* This source code is licensed
under the MIT license found in the' + '\n' + '* LICENSE file in the root directory of this source tree.' + '\n' + '* @flow' + '\n' + '*' + '\n\nexport const CHROME_WEBSTORE_EXTENSION_ID = 'fmkadmapgofadopljbjfkapdkoienihi';' + '\nexport
const INTERNAL_EXTENSION_ID = 'dnjnjbfilfphmojnmhliehogmojhcl';' + '\nexport const
LOCAL_EXTENSION_ID = 'ikiahnapldjmdmpkfmhjdjilijhgcbf';' + '\n\n// Flip this flag to true to enable verbose
console debug logging.' + '\nexport const __DEBUG__ = false;' + '\n\n// Flip this flag to true to enable performance.mark()
and performance.measure() timings.' + '\nexport const __PERFORMANCE_PROFILE__ = false;' + '\n\nexport const
TREE_OPERATION_ADD = 1;' + '\nexport const TREE_OPERATION_REMOVE = 2;' + '\nexport const
TREE_OPERATION_REORDER_CHILDREN = 3;' + '\nexport const
TREE_OPERATION_UPDATE_TREE_BASE_DURATION = 4;' + '\nexport const
TREE_OPERATION_UPDATE_ERRORS_OR_WARNINGS = 5;' + '\nexport const
TREE_OPERATION_REMOVE_ROOT = 6;' + '\nexport const TREE_OPERATION_SET_SUBTREE_MODE =
7;' + '\n\nexport const LOCAL_STORAGE_DEFAULT_TAB_KEY = 'React::DevTools::defaultTab';' + '\n\nexport const
LOCAL_STORAGE_FILTER_PREFERENCES_KEY =\n 'React::DevTools::componentFilters';' + '\n\nexport const
SESSION_STORAGE_LAST_SELECTION_KEY =\n 'React::DevTools::lastSelection';' + '\n\nexport const
LOCAL_STORAGE_OPEN_IN_EDITOR_URL =\n 'React::DevTools::openInEditorUrl';' + '\n\nexport const
LOCAL_STORAGE_PARSE_HOOK_NAMES_KEY =\n 'React::DevTools::parseHookNames';' + '\n\nexport const
SESSION_STORAGE_RECORD_CHANGE_DESCRIPTIONS_KEY =\n
'React::DevTools::recordChangeDescriptions';' + '\n\nexport const
SESSION_STORAGE_RELOAD_AND_PROFILE_KEY =\n 'React::DevTools::reloadAndProfile';' + '\n\nexport
const LOCAL_STORAGE_SHOULD_BREAK_ON_CONSOLE_ERRORS =\n
'React::DevTools::breakOnConsoleErrors';' + '\n\nexport const
LOCAL_STORAGE_SHOULD_PATCH_CONSOLE_KEY =\n
'React::DevTools::appendComponentStack';' + '\n\nexport const
LOCAL_STORAGE_SHOW_INLINE_WARNINGS_AND_ERRORS_KEY =\n
'React::DevTools::showInlineWarningsAndErrors';' + '\n\nexport const
LOCAL_STORAGE_TRACE_UPDATES_ENABLED_KEY =\n

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'React::DevTools::traceUpdatesEnabled';\n\nexport const LOCAL_STORAGE_HIDE_CONSOLE_LOGS_IN_STRICT_MODE =\n\n'React::DevTools::hideConsoleLogsInStrictMode';\n\nexport const PROFILER_EXPORT_VERSION = 5;\n\nexport const CHANGE_LOG_URL = 'https://github.com/facebook/react/blob/main/packages/react-devtools/CHANGELOG.md';\n\nexport const UNSUPPORTED_VERSION_URL = 'https://reactjs.org/blog/2019/08/15/new-react-devtools.html#how-do-i-get-the-old-version-back';\n\nexport const REACT_DEVTOOLS_WORKPLACE_URL = 'https://fburl.com/react-devtools-workplace-group';\n\nimport type { Theme, DisplayDensity } from './devtools/views/Settings/SettingsContext';\n\nexport const THEME_STYLES: { [style: Theme | DisplayDensity]: any } = {\n  light: {\n    '--color-attribute-name': '#ef6632',\n    '--color-attribute-name-not-editable': '#23272f',\n    '--color-attribute-name-inverted': 'rgba(255, 255, 255, 0.7)',\n    '--color-attribute-value': '#1a1aa6',\n    '--color-attribute-value-inverted': '#ffffff',\n    '--color-attribute-editable-value': '#1a1aa6',\n    '--color-background': '#ffffff',\n    '--color-background-hover': 'rgba(0, 136, 250, 0.1)',\n    '--color-background-inactive': '#e5e5e5',\n    '--color-background-invalid': '#fff0f0',\n    '--color-background-selected': '#0088fa',\n    '--color-button-background': '#ffffff',\n    '--color-button-background-focus': '#dedede',\n    '--color-button': '#5f6673',\n    '--color-button-disabled': '#cfd1d5',\n    '--color-button-active': '#0088fa',\n    '--color-button-focus': '#23272f',\n    '--color-button-hover': '#23272f',\n    '--color-border': '#eeeeee',\n    '--color-commit-did-not-render-fill': '#cfd1d5',\n    '--color-commit-did-not-render-fill-text': '#000000',\n    '--color-commit-did-not-render-pattern': '#cfd1d5',\n    '--color-commit-did-not-render-pattern-text': '#333333',\n    '--color-commit-gradient-0': '#37afa9',\n    '--color-commit-gradient-1': '#63b19e',\n    '--color-commit-gradient-2': '#80b393',\n    '--color-commit-gradient-3': '#97b488',\n    '--color-commit-gradient-4': '#abb67d',\n    '--color-commit-gradient-5': '#beb771',\n    '--color-commit-gradient-6': '#cfb965',\n    '--color-commit-gradient-7': '#dfba57',\n    '--color-commit-gradient-8': '#efbb49',\n    '--color-commit-gradient-9': '#febc38',\n    '--color-commit-gradient-text': '#000000',\n    '--color-component-name': '#6a51b2',\n    '--color-component-name-inverted': '#ffffff',\n    '--color-component-badge-background': 'rgba(0, 0, 0, 0.1)',\n    '--color-component-badge-background-inverted': 'rgba(255, 255, 255, 0.25)',\n    '--color-component-badge-count': '#777d88',\n    '--color-component-badge-count-inverted': 'rgba(255, 255, 255, 0.7)',\n    '--color-console-error-badge-text': '#ffffff',\n    '--color-console-error-background': '#fff0f0',\n    '--color-console-error-border': '#ffd6d6',\n    '--color-console-error-icon': '#eb3941',\n    '--color-console-error-text': '#fe2e31',\n    '--color-console-warning-badge-text': '#000000',\n    '--color-console-warning-background': '#fffbe5',\n    '--color-console-warning-border': '#fff5c1',\n    '--color-console-warning-icon': '#f4bd00',\n    '--color-console-warning-text': '#64460c',\n    '--color-context-background': 'rgba(0,0,0,9)',\n    '--color-context-background-hover': 'rgba(255, 255, 255, 0.1)',\n    '--color-context-background-selected': '#178fb9',\n    '--color-context-border': '#3d424a',\n    '--color-context-text': '#ffffff',\n    '--color-context-text-selected': '#ffffff',\n    '--color-dim': '#777d88',\n    '--color-dimmer': '#cfd1d5',\n    '--color-dimmed': '#eff0f1',\n    '--color-error-background': 'hsl(0, 100%, 97%)',\n    '--color-error-border': 'hsl(0, 100%, 92%)',\n    '--color-error-text': '#ff0000',\n    '--color-expand-collapse-toggle': '#777d88',\n    '--color-link': '#0000ff',\n    '--color-modal-background': 'rgba(255, 255, 255, 0.75)',\n    '--color-bridge-version-npm-background': '#eff0f1',\n    '--color-bridge-version-npm-text': '#000000',\n    '--color-bridge-version-number': '#0088fa',\n    '--color-primitive-hook-badge-background': '#e5e5e5',\n    '--color-primitive-hook-badge-text': '#5f6673',\n    '--color-record-active': '#fc3a4b',\n    '--color-record-hover': '#3578e5',\n    '--color-record-inactive': '#0088fa',\n    '--color-resize-bar': '#eeeeee',\n    '--color-resize-bar-active': '#dcdcdc',\n    '--color-resize-bar-border': '#d1d1d1',\n    '--color-resize-bar-dot': '#333333',\n    '--color-timeline-internal-module': '#d1d1d1',\n    '--color-timeline-internal-module-hover': '#c9c9c9',\n    '--color-timeline-internal-module-text': '#444',\n    '--color-timeline-native-event': '#ccc',\n    '--color-timeline-native-event-hover': '#aaa',\n    '--color-timeline-network-primary': '#fcf3dc',\n    '--color-timeline-network-primary-hover': '#f0e7d1',\n    '--color-timeline-network-secondary': '#efc457',\n    '--color-timeline-network-secondary-hover': '#e3ba52',\n    '--color-timeline-priority-background': '#f6f6f6',\n    '--color-timeline-priority-border': '#eeeeee',\n    '--color-timeline-user-timing': '#c9cacd',\n    '--color-timeline-user-timing-hover': '#93959a',\n    '--color-timeline-react-idle': '#d3e5f6',\n    '--color-timeline-react-idle-hover': '#c3d9ef',\n    '--color-timeline-react-render': '#9fc3f3',\n    '--color-timeline-react-render-hover': '#83afe9',\n    '--color-timeline-react-render-text': '#11365e',\n    '--color-timeline-react-commit': '#c88ff0',\n
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--color-timeline-react-commit-hover: '#b281d6',\n --color-timeline-react-commit-text: '#3e2c4a',\n --color-timeline-react-layout-effects: '#b281d6',\n --color-timeline-react-layout-effects-hover: '#9d71bd',\n --color-timeline-react-layout-effects-text: '#3e2c4a',\n --color-timeline-react-passive-effects: '#b281d6',\n --color-timeline-react-passive-effects-hover: '#9d71bd',\n --color-timeline-react-passive-effects-text: '#3e2c4a',\n --color-timeline-react-schedule: '#9fc3f3',\n --color-timeline-react-schedule-hover: '#2683E2',\n --color-timeline-react-suspense-rejected: '#f1cc14',\n --color-timeline-react-suspense-rejected-hover: '#ffdf37',\n --color-timeline-react-suspense-resolved: '#a6e59f',\n --color-timeline-react-suspense-resolved-hover: '#89d281',\n --color-timeline-react-suspense-unresolved: '#c9cad',\n --color-timeline-react-suspense-unresolved-hover: '#93959a',\n --color-timeline-thrown-error: '#ee1638',\n --color-timeline-thrown-error-hover: '#da1030',\n --color-timeline-text-color: '#000000',\n --color-timeline-text-dim-color: '#ccc',\n --color-timeline-react-work-border: '#eeeeee',\n --color-search-match: 'yellow',\n --color-search-match-current: '#f7923b',\n --color-selected-tree-highlight-active: 'rgba(0, 136, 250, 0.1)',\n --color-selected-tree-highlight-inactive: 'rgba(0, 0, 0, 0.05)',\n --color-scroll-caret: 'rgba(150, 150, 150, 0.5)',\n --color-tab-selected-border: '#0088fa',\n --color-text: '#000000',\n --color-text-invalid: '#ff0000',\n --color-text-selected: '#ffffff',\n --color-toggle-background-invalid: '#fc3a4b',\n --color-toggle-background-on: '#0088fa',\n --color-toggle-background-off: '#cfd1d5',\n --color-toggle-text: '#ffffff',\n --color-warning-background: '#fb3655',\n --color-warning-background-hover: '#f82042',\n --color-warning-text-color: '#ffffff',\n --color-warning-text-color-inverted: '#fd4d69',\n // The styles below should be kept in sync with 'root.css'\n // They are repeated there because they're used by e.g. tooltips or context menus\n // which get rendered outside of the DOM subtree (where normal theme/styles are written).\n --color-scroll-thumb: '#c2c2c2',\n --color-scroll-track: '#fafafa',\n --color-tooltip-background: 'rgba(0, 0, 0, 0.9)',\n --color-tooltip-text: '#ffffff',\n },\n dark: {\n --color-attribute-name: '#9d87d2',\n --color-attribute-name-not-editable: '#ededed',\n --color-attribute-name-inverted: '#282828',\n --color-attribute-value: '#cedae0',\n --color-attribute-value-inverted: '#ffffff',\n --color-attribute-editable-value: 'yellow',\n --color-background: '#282c34',\n --color-background-hover: 'rgba(255, 255, 255, 0.1)',\n --color-background-inactive: '#3d424a',\n --color-background-invalid: '#5c0000',\n --color-background-selected: '#178fb9',\n --color-button-background: '#282c34',\n --color-button-background-focus: '#3d424a',\n --color-button: '#afb3b9',\n --color-button-active: '#61dafb',\n --color-button-disabled: '#4f5766',\n --color-button-focus: '#a2e9fc',\n --color-button-hover: '#ededed',\n --color-border: '#3d424a',\n --color-commit-did-not-render-fill: '#777d88',\n --color-commit-did-not-render-fill-text: '#000000',\n --color-commit-did-not-render-pattern: '#666c77',\n --color-commit-did-not-render-pattern-text: '#ffffff',\n --color-commit-gradient-0: '#37afa9',\n --color-commit-gradient-1: '#63b19e',\n --color-commit-gradient-2: '#80b393',\n --color-commit-gradient-3: '#97b488',\n --color-commit-gradient-4: '#abb67d',\n --color-commit-gradient-5: '#beb771',\n --color-commit-gradient-6: '#cfb965',\n --color-commit-gradient-7: '#dfba57',\n --color-commit-gradient-8: '#efbb49',\n --color-commit-gradient-9: '#febc38',\n --color-commit-gradient-text: '#000000',\n --color-component-name: '#61dafb',\n --color-component-name-inverted: '#282828',\n --color-component-badge-background: 'rgba(255, 255, 255, 0.25)',\n --color-component-badge-background-inverted: 'rgba(0, 0, 0, 0.25)',\n --color-component-badge-count: '#8f949d',\n --color-component-badge-count-inverted: 'rgba(255, 255, 255, 0.7)',\n --color-console-error-badge-text: '#000000',\n --color-console-error-background: '#290000',\n --color-console-error-border: '#5c0000',\n --color-console-error-icon: '#eb3941',\n --color-console-error-text: '#fc7f7f',\n --color-console-warning-badge-text: '#000000',\n --color-console-warning-background: '#332b00',\n --color-console-warning-border: '#665500',\n --color-console-warning-icon: '#f4bd00',\n --color-console-warning-text: '#f5f2ed',\n --color-context-background: 'rgba(255,255,255,.95)',\n --color-context-background-hover: 'rgba(0, 136, 250, 0.1)',\n --color-context-background-selected: '#0088fa',\n --color-context-border: '#eeeeee',\n --color-context-text: '#000000',\n --color-context-text-selected: '#ffffff',\n --color-dim: '#8f949d',\n --color-dimmer: '#777d88',\n --color-dimmest: '#4f5766',\n --color-error-background: '#200',\n --color-error-border: '#900',\n --color-error-text: '#f55',\n --color-expand-collapse-toggle: '#8f949d',\n --color-link: '#61dafb',\n --color-modal-background: 'rgba(0, 0, 0, 0.75)',\n --color-bridge-version-npm-background: 'rgba(0, 0, 0, 0.25)',\n --color-bridge-version-npm-text: '#ffffff',\n --color-
```



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bridge-version-number': 'yellow',\n  '--color-primitive-hook-badge-background': 'rgba(0, 0, 0, 0.25)',\n  '--color-primitive-hook-badge-text': 'rgba(255, 255, 255, 0.7)',\n  '--color-record-active': '#fc3a4b',\n  '--color-record-hover': '#a2e9fc',\n  '--color-record-inactive': '#61dafb',\n  '--color-resize-bar': '#282c34',\n  '--color-resize-bar-active': '#31363f',\n  '--color-resize-bar-border': '#3d424a',\n  '--color-resize-bar-dot': '#cfd1d5',\n  '--color-timeline-internal-module': '#303542',\n  '--color-timeline-internal-module-hover': '#363b4a',\n  '--color-timeline-internal-module-text': '#7f8899',\n  '--color-timeline-native-event': '#b2b2b2',\n  '--color-timeline-native-event-hover': '#949494',\n  '--color-timeline-network-primary': '#fcf3dc',\n  '--color-timeline-network-primary-hover': '#e3dbc5',\n  '--color-timeline-network-secondary': '#efc457',\n  '--color-timeline-network-secondary-hover': '#d6af4d',\n  '--color-timeline-priority-background': '#1d2129',\n  '--color-timeline-priority-border': '#282c34',\n  '--color-timeline-user-timing': '#c9cacd',\n  '--color-timeline-user-timing-hover': '#93959a',\n  '--color-timeline-react-idle': '#3d485b',\n  '--color-timeline-react-idle-hover': '#465269',\n  '--color-timeline-react-render': '#2683E2',\n  '--color-timeline-react-render-hover': '#1a76d4',\n  '--color-timeline-react-render-text': '#11365e',\n  '--color-timeline-react-commit': '#731fad',\n  '--color-timeline-react-commit-hover': '#611b94',\n  '--color-timeline-react-commit-text': '#e5c1ff',\n  '--color-timeline-react-layout-effects': '#611b94',\n  '--color-timeline-react-layout-effects-hover': '#51167a',\n  '--color-timeline-react-layout-effects-text': '#e5c1ff',\n  '--color-timeline-react-passive-effects': '#611b94',\n  '--color-timeline-react-passive-effects-hover': '#51167a',\n  '--color-timeline-react-passive-effects-text': '#e5c1ff',\n  '--color-timeline-react-schedule': '#2683E2',\n  '--color-timeline-react-schedule-hover': '#1a76d4',\n  '--color-timeline-react-suspense-rejected': '#f1cc14',\n  '--color-timeline-react-suspense-rejected-hover': '#e4c00f',\n  '--color-timeline-react-suspense-resolved': '#a6e59f',\n  '--color-timeline-react-suspense-resolved-hover': '#89d281',\n  '--color-timeline-react-suspense-unresolved': '#c9cacd',\n  '--color-timeline-react-suspense-unresolved-hover': '#93959a',\n  '--color-timeline-thrown-error': '#fb3655',\n  '--color-timeline-thrown-error-hover': '#f82042',\n  '--color-timeline-text-color': '#282c34',\n  '--color-timeline-text-dim-color': '#555b66',\n  '--color-timeline-react-work-border': '#3d424a',\n  '--color-search-match': 'yellow',\n  '--color-search-match-current': '#f7923b',\n  '--color-selected-tree-highlight-active': 'rgba(23, 143, 185, 0.15)',\n  '--color-selected-tree-highlight-inactive': 'rgba(255, 255, 255, 0.05)',\n  '--color-scroll-caret': '#4f5766',\n  '--color-shadow': 'rgba(0, 0, 0, 0.5)',\n  '--color-tab-selected-border': '#178fb9',\n  '--color-text': '#ffffff',\n  '--color-text-invalid': '#ff8080',\n  '--color-text-selected': '#ffffff',\n  '--color-toggle-background-invalid': '#fc3a4b',\n  '--color-toggle-background-on': '#178fb9',\n  '--color-toggle-background-off': '#777d88',\n  '--color-toggle-text': '#ffffff',\n  '--color-warning-background': '#ee1638',\n  '--color-warning-background-hover': '#da1030',\n  '--color-warning-text-color': '#ffffff',\n  '--color-warning-text-color-inverted': '#ee1638',\n  \n  // The styles below should be kept in sync with 'root.css'\n  // They are repeated there because they're used by e.g. tooltips or context menus\n  // which get rendered outside of the DOM subtree (where normal theme/styles are written).\n  '--color-scroll-thumb': '#afb3b9',\n  '--color-scroll-track': '#313640',\n  '--color-tooltip-background': 'rgba(255, 255, 255, 0.95)',\n  '--color-tooltip-text': '#000000',\n  },\n  compact: {\n    '--font-size-monospace-small': '9px',\n    '--font-size-monospace-normal': '11px',\n    '--font-size-monospace-large': '15px',\n    '--font-size-sans-small': '10px',\n    '--font-size-sans-normal': '12px',\n    '--font-size-sans-large': '14px',\n    '--line-height-data': '18px',\n  },\n  comfortable: {\n    '--font-size-monospace-small': '10px',\n    '--font-size-monospace-normal': '13px',\n    '--font-size-monospace-large': '17px',\n    '--font-size-sans-small': '12px',\n    '--font-size-sans-normal': '14px',\n    '--font-size-sans-large': '16px',\n    '--line-height-data': '22px',\n  },\n  \n};\n\n// HACK\n\n// Sometimes the inline target is rendered before root styles are applied,\n// which would result in e.g. NaN itemSize being passed to react-window list.\nconst COMFORTABLE_LINE_HEIGHT = parseInt(\n  THEME_STYLES.comfortable['--line-height-data'],\n  10,\n);\nconst COMPACT_LINE_HEIGHT = parseInt(\n  THEME_STYLES.compact['--line-height-data'],\n  10,\n);\n\nexport { COMFORTABLE_LINE_HEIGHT, COMPACT_LINE_HEIGHT};\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @flow strict-local\n */\n\nimport {__PERFORMANCE_PROFILE__} from './constants';\n\nconst supportsUserTiming =\n  typeof performance !== 'undefined' &&\n  typeof performance.mark === 'function' &&\n  typeof performance.clearMarks === 'function';\n\nconst supportsPerformanceNow =\n  typeof performance !== 'undefined' &&\n  typeof performance.now

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=== 'function';\n\nfunction mark(markName: string): void {\n  if (supportsUserTiming) {\n    performance.mark(markName + '-start');\n  }\n}\n\nfunction measure(markName: string): void {\n  if (supportsUserTiming) {\n    performance.mark(markName + '-end');\n    performance.measure(markName, markName + '-start', markName + '-end');\n    performance.clearMarks(markName + '-start');\n    performance.clearMarks(markName + '-end');\n  }\n}\n\nfunction now(): number {\n  if (supportsPerformanceNow) {\n    return performance.now();\n  }\n  return Date.now();\n}\n\nexport async function withAsyncPerfMeasurements<TReturn>(\n  markName: string,\n  callback: () => Promise<TReturn>,\n  onComplete?: number => void,\n): Promise<TReturn> {\n  const start = now();\n  if (__PERFORMANCE_PROFILE__) {\n    mark(markName);\n  }\n  const result = await callback();\n  if (__PERFORMANCE_PROFILE__) {\n    measure(markName);\n  }\n  if (onComplete != null) {\n    const duration = now() - start;\n    onComplete(duration);\n  }\n  return result;\n}\n\nexport function withSyncPerfMeasurements<TReturn>(\n  markName: string,\n  callback: () => TReturn,\n  onComplete?: number => void,\n): TReturn {\n  const start = now();\n  if (__PERFORMANCE_PROFILE__) {\n    mark(markName);\n  }\n  const result = callback();\n  if (__PERFORMANCE_PROFILE__) {\n    measure(markName);\n  }\n  if (onComplete != null) {\n    const duration = now() - start;\n    onComplete(duration);\n  }\n  return result;\n}\n\nexport function withCallbackPerfMeasurements<TReturn>(\n  markName: string,\n  callback: (done: () => void) => TReturn,\n  onComplete?: number => void,\n): TReturn {\n  const start = now();\n  if (__PERFORMANCE_PROFILE__) {\n    mark(markName);\n  }\n  const done = () => {\n    if (__PERFORMANCE_PROFILE__) {\n      measure(markName);\n    }\n    if (onComplete != null) {\n      const duration = now() - start;\n      onComplete(duration);\n    }\n  }; \n  return callback(done);\n}\n\n"/**\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n */\n\nimport {withSyncPerfMeasurements} from 'react-devtools-shared/src/PerformanceLoggingUtils';\nimport traverse, {NodePath, Node} from '@babel/traverse';\nimport {File} from '@babel/types';\nimport type {HooksNode} from 'react-debug-tools/src/ReactDebugHooks';\n\nexport type Position = {\n  line: number,\n  column: number,\n};\n\nexport type SourceFileASTWithHookDetails = {\n  sourceFileAST: File,\n  line: number,\n  source: string,\n};\n\nexport const NO_HOOK_NAME = '<no-hook>';\n\nconst AST_NODE_TYPES = Object.freeze({\n  PROGRAM: 'Program',\n  CALL_EXPRESSION: 'CallExpression',\n  MEMBER_EXPRESSION: 'MemberExpression',\n  ARRAY_PATTERN: 'ArrayPattern',\n  IDENTIFIER: 'Identifier',\n  NUMERIC_LITERAL: 'NumericLiteral',\n  VARIABLE_DECLARATOR: 'VariableDeclarator',\n});\n\n// Check if line number obtained from source map and the line number in hook node match\nfunction checkNodeLocation(\n  path: NodePath,\n  line: number,\n  column?: number | null = null,\n): boolean {\n  const {start, end} = path.node.loc;\n  if (line !== start.line) {\n    return false;\n  }\n  if (column !== null) {\n    // Column numbers are represented differently between tools/engines. // Error.prototype.stack columns are 1-based (like most IDEs) but ASTs are 0-based. // In practice this will probably never matter, // because this code matches the 1-based Error stack location for the hook Identifier (e.g. useState) // with the larger 0-based VariableDeclarator (e.g. [foo, setFoo] = useState()) // so the ranges should always overlap. // For more info see\n    // https://github.com/facebook/react/pull/21833#discussion_r666831276\n    column -= 1;\n    if ((line === start.line && column < start.column) ||\n        (line === end.line && column > end.column)) {\n      return false;\n    }\n  }\n  return true;\n}\n\n// Checks whether hookNode is a member of targetHookNode\nfunction filterMemberNodesOfTargetHook(\n  targetHookNode: NodePath,\n  hookNode: NodePath,\n): boolean {\n  const targetHookName = targetHookNode.node.id.name;\n  return (\n    targetHookName != null &&\n    (targetHookName ===\n      (hookNode.node.init.object && hookNode.node.init.object.name) ||\n      targetHookName === hookNode.node.init.name)\n  );\n}\n\n// Checks whether hook is the first member node of a state variable declaration node\nfunction filterMemberWithHookVariableName(hook: NodePath): boolean {\n  return (\n    hook.node.init.property.type === AST_NODE_TYPES.NUMERIC_LITERAL &&\n    hook.node.init.property.value === 0\n  );\n}\n\n// Returns all AST Nodes associated with\n'potentialReactHookASTNode'\nfunction getFilteredHookASTNodes(\n  potentialReactHookASTNode:

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NodePath,\n potentialHooksFound: Array<NodePath>,\n source: string,\n): Array<NodePath> {\n let
nodesAssociatedWithReactHookASTNode: NodePath[] = [];\n if
(nodeContainsHookVariableName(potentialReactHookASTNode)) {\n // made custom hooks to enter this,
always\n // Case 1.\n // Directly usable Node -> const ref = useRef(null);\n // -> const [tick,
setTick] = useState(1);\n // Case 2.\n // Custom Hooks -> const someVariable = useSomeCustomHook();\n //
-> const [someVariable, someFunction] = useAnotherCustomHook();\n
nodesAssociatedWithReactHookASTNode.unshift(potentialReactHookASTNode);\n } else {\n // Case 3.\n //
Indirectly usable Node -> const tickState = useState(1);\n // [tick, setTick] = tickState;\n //
-> const tickState = useState(1);\n // const tick = tickState[0];\n // const
setTick = tickState[1];\n nodesAssociatedWithReactHookASTNode = potentialHooksFound.filter(hookNode =>\n
filterMemberNodesOfTargetHook(potentialReactHookASTNode, hookNode),\n );\n }\n return
nodesAssociatedWithReactHookASTNode;\n}\n\n// Returns Hook name\nexport function getHookName(\n hook:
HooksNode,\n originalSourceAST: mixed,\n originalSourceCode: string,\n originalSourceLineNumber: number,\n
originalSourceColumnNumber: number,\n): string | null {\n const hooksFromAST = withSyncPerfMeasurements(\n
'getPotentialHookDeclarationsFromAST(originalSourceAST)',\n () =>
getPotentialHookDeclarationsFromAST(originalSourceAST),\n );\n let potentialReactHookASTNode = null;\n
if (originalSourceColumnNumber === 0) {\n // This most likely indicates a source map type like 'cheap-module-
source-map'\n // that intentionally drops column numbers for compilation speed in DEV builds.\n // In this case,
we can assume there's probably only one hook per line (true in most cases)\n // and just fail if we find more than
one match.\n const matchingNodes = hooksFromAST.filter(node => {\n const nodeLocationCheck =
checkNodeLocation(\n node,\n originalSourceLineNumber,\n );\n const hookDeclarationCheck =
isConfirmedHookDeclaration(node);\n return nodeLocationCheck && hookDeclarationCheck;\n });\n if
(matchingNodes.length === 1) {\n potentialReactHookASTNode = matchingNodes[0];\n } else {\n
potentialReactHookASTNode = hooksFromAST.find(node => {\n const nodeLocationCheck =
checkNodeLocation(\n node,\n originalSourceLineNumber,\n originalSourceColumnNumber,\n
);\n const hookDeclarationCheck = isConfirmedHookDeclaration(node);\n return nodeLocationCheck &&
hookDeclarationCheck;\n });\n }\n if (!potentialReactHookASTNode) {\n return null;\n }\n }\n
nodesAssociatedWithReactHookASTNode could directly be used to obtain the hook variable name\n // depending
on the type of potentialReactHookASTNode\n try {\n const nodesAssociatedWithReactHookASTNode =
withSyncPerfMeasurements(\n 'getFilteredHookASTNodes()',\n () =>\n getFilteredHookASTNodes(\n
potentialReactHookASTNode,\n hooksFromAST,\n originalSourceCode,\n ),\n );\n const
name = withSyncPerfMeasurements('getHookNameFromNode()', () =>\n getHookNameFromNode(\n
hook,\n nodesAssociatedWithReactHookASTNode,\n potentialReactHookASTNode,\n ),\n );\n
return name;\n } catch (error) {\n console.error(error);\n return null;\n }\n }\n\nfunction
getHookNameFromNode(\n originalHook: HooksNode,\n nodesAssociatedWithReactHookASTNode:
NodePath[],\n potentialReactHookASTNode: NodePath,\n): string | null {\n let hookVariableName: string | null;\n
const isCustomHook = originalHook.id === null;\n\n switch (nodesAssociatedWithReactHookASTNode.length)
{\n case 1:\n // CASE 1A (nodesAssociatedWithReactHookASTNode[0] !== potentialReactHookASTNode):\n
// const flagState = useState(true); -> later referenced as\n // const [flag, setFlag] = flagState;\n // /\n //
CASE 1B (nodesAssociatedWithReactHookASTNode[0] === potentialReactHookASTNode):\n // const [flag,
setFlag] = useState(true); -> we have access to the hook variable straight away\n // /\n // CASE 1C
(isCustomHook && nodesAssociatedWithReactHookASTNode[0] === potentialReactHookASTNode):\n //
const someVariable = useSomeCustomHook(); -> we have access to hook variable straight away\n // const
[someVariable, someFunction] = useAnotherCustomHook(); -> we ignore variable names in this case\n //
as it is unclear what variable name to show\n if (\n isCustomHook &&\n
nodesAssociatedWithReactHookASTNode[0] === potentialReactHookASTNode\n ) {\n hookVariableName
= getHookVariableName(\n potentialReactHookASTNode,\n isCustomHook,\n );\n break;\n
}\n hookVariableName = getHookVariableName(\n nodesAssociatedWithReactHookASTNode[0],\n );\n

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break;\n\n case 2:\n // const flagState = useState(true); -> later referenced as\n // const flag =
flagState[0];\n // const setFlag = flagState[1];\n nodesAssociatedWithReactHookASTNode =
nodesAssociatedWithReactHookASTNode.filter(\n hookPath =>
filterMemberWithHookVariableName(hookPath),\n );\n\n if
(nodesAssociatedWithReactHookASTNode.length !== 1) {\n // Something went wrong, only a single desirable
hook should remain here\n throw new Error(`Couldn't isolate AST Node containing hook variable.`);\n }\n
hookVariableName = getHookVariableName(\n nodesAssociatedWithReactHookASTNode[0],\n );\n
break;\n\n default:\n // Case 0:\n // const flagState = useState(true); -> which is not accessed anywhere\n
/>\n // Case > 2 (fallback):\n // const someState = React.useState(() => 0)\n // const stateVariable =
someState[0]\n // const setStateVariable = someState[1]\n // const [number2, setNumber2] =
someState\n // We assign the state variable for 'someState' to multiple variables,\n // and hence cannot
isolate a unique variable name. In such cases,\n // default to showing 'someState'\n\n hookVariableName =
getHookVariableName(potentialReactHookASTNode);\n break;\n }\n\n return hookVariableName;\n}\n\n//
Extracts the variable name from hook node path\nfunction getHookVariableName(\n hook: NodePath,\n
isCustomHook: boolean = false,\n): string | null {\n const nodeType = hook.node.id.type;\n switch (nodeType) {\n
case AST_NODE_TYPES.ARRAY_PATTERN:\n return !isCustomHook ? hook.node.id.elements[0]?.name ??
null : null;\n\n case AST_NODE_TYPES.IDENTIFIER:\n return hook.node.id.name;\n\n default:\n return
null;\n }\n}\n\nfunction getPotentialHookDeclarationsFromAST(sourceAST: File): NodePath[] {\n const
potentialHooksFound: NodePath[] = [];\n withSyncPerfMeasurements('traverse(sourceAST)', () =>\n
traverse(sourceAST, {\n enter(path) {\n if (path.isVariableDeclarator() &&
isPotentialHookDeclaration(path)) {\n potentialHooksFound.push(path);\n },\n },\n },\n ));\n return
potentialHooksFound;\n}\n\n/**\n * This function traverses the sourceAST and returns a mapping\n * that maps
locations in the source code to their corresponding\n * Hook name, if there is a relevant Hook name for that
location.\n * A location in the source code is represented by line and column\n * numbers as a Position object: {
line, column }.\n * - line is 1-indexed.\n * - column is 0-indexed.\n * A Hook name will be assigned to a
Hook CallExpression if the\n * CallExpression is for a variable declaration (i.e. it returns\n * a value that is assigned
to a variable), and if we can reliably\n * infer the correct name to use (see comments in the function body\n * for
more details).\n * The returned mapping is an array of locations and their assigned\n * names, sorted by location.
Specifically, each entry in the array\n * contains a `name` and a `start` Position. The `name` of a given\n * entry is
the "assigned" name in the source code until the `start`\n * of the **next** entry. This means that given the
mapping, in order\n * to determine the Hook name assigned for a given source location, we\n * need to find the
adjacent entries that most closely contain the given\n * location.\n * E.g. for the following code:\n * 1 |
function Component() {\n * 2 | const [state, setState] = useState(0);\n * 3 | ^-----^ -> Cols 28 -
38: Hook CallExpression\n * 4 | useEffect(() => { ... }); -> call ignored since not declaring a variable\n * 6 |
* 7 | return (...);\n * 8 | }\n * The returned "mapping" would be something like:\n * [\n * { name: '<no-
hook>', start: { line: 1, column: 0 } },\n * { name: 'state', start: { line: 2, column: 28 } },\n * { name: '<no-hook>',
start: { line: 2, column: 38 } },\n * ]\n * Where the Hook name `state` (corresponding to the `state` variable)\n *
is assigned to the location in the code for the CallExpression\n * representing the call to `useState(0)` (line 2, col 28-
38).\n */\nexport function getHookNamesMappingFromAST(\n sourceAST: File,\n ): $ReadOnlyArray<{\n name:
string,\n start: Position\n }> {\n const hookStack = [];\n const hookNames = [];\n const pushFrame = (name: string,\n
node: Node) => {\n const nameInfo = { name, start: { ...node.loc.start } };\n hookStack.unshift(nameInfo);\n
hookNames.push(nameInfo);\n };\n const popFrame = (node: Node) => {\n hookStack.shift();\n const top =
hookStack[0];\n if (top !== null) {\n hookNames.push({ name: top.name, start: { ...node.loc.end } });\n }\n
};\n\n traverse(sourceAST, {\n [AST_NODE_TYPES.PROGRAM]: {\n enter(path) {\n
pushFrame(NO_HOOK_NAME, path.node);\n },\n exit(path) {\n popFrame(path.node);\n },\n },\n\n [AST_NODE_TYPES.VARIABLE_DECLARATOR]: {\n enter(path) {\n // Check if this variable
declaration corresponds to a variable\n // declared by calling a Hook.\n if
(isConfirmedHookDeclaration(path)) {\n const hookDeclaredVariableName = getHookVariableName(path);\n

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    if (!hookDeclaredVariableName) {\n      return;\n    }\n    const callExpressionNode =
assertCallExpression(path.node.init);\n    // Check if this variable declaration corresponds to a call to a\n
// built-in Hook that returns a tuple (useState, useReducer,\n    // useTransition).\n    // If it doesn't, we
immediately use the declared variable name\n    // as the Hook name. We do this because for any other Hooks
that\n    // aren't the built-in Hooks that return a tuple, we can't reliably\n    // extract a Hook name from other
variable declarations derived from\n    // this one, since we don't know which of the declared variables\n    //
are the relevant ones to track and show in dev tools.\n    if (!isBuiltInHookThatReturnsTuple(path)) {\n
pushFrame(hookDeclaredVariableName, callExpressionNode);\n    return;\n    }\n    // Check if the
variable declared by the Hook call is referenced\n    // anywhere else in the code. If not, we immediately use
the\n    // declared variable name as the Hook name.\n    const referencePaths =\nhookDeclaredVariableName !== null\n    ? path.scope.bindings[hookDeclaredVariableName]?.referencePaths\n
: null;\n    if (referencePaths === null) {\n    pushFrame(hookDeclaredVariableName,
callExpressionNode);\n    return;\n    }\n    // Check each reference to the variable declared by the
Hook call,\n    // and for each, we do the following:\n    let declaredVariableName = null;\n    for (let i =
0; i <= referencePaths.length; i++) {\n    const referencePath = referencePaths[i];\n    if
(declaredVariableName !== null) {\n    break;\n    }\n    // 1. Check if the reference is contained
within a VariableDeclarator\n    // Node. This will allow us to determine if the variable declared by\n    //
the Hook call is being used to declare other variables.\n    let variableDeclaratorPath = referencePath;\n
while (\n    variableDeclaratorPath !== null &&\n    variableDeclaratorPath.node.type !==\n
AST_NODE_TYPES.VARIABLE_DECLARATOR\n    ) {\n    variableDeclaratorPath =
variableDeclaratorPath.parentPath;\n    }\n    // 2. If we find a VariableDeclarator containing the\n
// referenced variable, we extract the Hook name from the new\n    // variable declaration.\n    // E.g., a
case like the following:\n    // const countState = useState(0);\n    // const count = countState[0];\n
// const setCount = countState[1]\n    // Where the reference to `countState` is later referenced\n    //
within a VariableDeclarator, so we can extract `count` as\n    // the Hook name.\n    const varDeclInit =
variableDeclaratorPath?.node.init;\n    if (varDeclInit !== null) {\n    switch (varDeclInit.type) {\n
case AST_NODE_TYPES.MEMBER_EXPRESSION: {\n    // When encountering a MemberExpression
inside the new\n    // variable declaration, we only want to extract the variable\n    // name if we're
assigning the value of the first member,\n    // which is handled by
`filterMemberWithHookVariableName`.\n    // E.g.\n    // const countState = useState(0);\n
// const count = countState[0]; -> extract the name from this reference\n    // const setCount =
countState[1]; -> ignore this reference\n    if (\n
filterMemberWithHookVariableName(variableDeclaratorPath)\n    ) {\n    declaredVariableName
= getHookVariableName(\n    variableDeclaratorPath,\n    );\n    }\n
break;\n    }\n    case AST_NODE_TYPES.IDENTIFIER: {\n    declaredVariableName =
getHookVariableName(\n    variableDeclaratorPath,\n    );\n    break;\n    }\n
default:\n    break;\n    }\n    }\n    }\n    // If we were able to extract a name from
the new variable\n    // declaration, use it as the Hook name. Otherwise, use the\n    // original declared
variable as the variable name.\n    if (declaredVariableName !== null) {\n
pushFrame(declaredVariableName, callExpressionNode);\n    } else {\n
pushFrame(hookDeclaredVariableName, callExpressionNode);\n    }\n    },\n    },\n    exit(path) {\n    if
(isConfirmedHookDeclaration(path)) {\n    const callExpressionNode = assertCallExpression(path.node.init);\n
popFrame(callExpressionNode);\n    }\n    },\n    },\n    });\n    return hookNames;\n  }\n  // Check if 'path'
contains declaration of the form const X = useState(0);\n  function isConfirmedHookDeclaration(path: NodePath):
boolean {\n    const nodeInit = path.node.init;\n    if (nodeInit === null || nodeInit.type !==
AST_NODE_TYPES.CALL_EXPRESSION) {\n    return false;\n    }\n    const callee = nodeInit.callee;\n    return
isHook(callee);\n  }\n  // We consider hooks to be a hook name identifier or a member expression containing a hook
name.\n  function isHook(node: Node): boolean {\n    if (node.type === AST_NODE_TYPES.IDENTIFIER) {\n

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return isHookName(node.name);\n } else if (\n  node.type === AST_NODE_TYPES.MEMBER_EXPRESSION
&&\n  !node.computed &&\n  isHook(node.property)\n ) {\n  const obj = node.object;\n  const
isPascalCaseNameSpace = /^[A-Z].*/;\n  return (\n   obj.type === AST_NODE_TYPES.IDENTIFIER &&\n
isPascalCaseNameSpace.test(obj.name)\n );\n } else {\n  // TODO Possibly handle inline require statements e.g.
require(\"useStable\")(…)\n  // This does not seem like a high priority, since inline requires are probably\n  // not
common and are also typically in compiled code rather than source code.\n  return false;\n }\n}\n\n// Catch all
identifiers that begin with \"use\"\n// followed by an uppercase Latin character to exclude identifiers like \"user\".\n\n//
Copied from packages/eslint-plugin-react-hooks/src/RulesOfHooks\nfunction isHookName(name: string): boolean
{\n  return /^use[A-Z0-9].*$/i.test(name);\n}\n\n// Check if the AST Node COULD be a React Hook\nfunction
isPotentialHookDeclaration(path: NodePath): boolean {\n  // The array potentialHooksFound will contain all
potential hook declaration cases we support\n  const nodePathInit = path.node.init;\n  if (nodePathInit !== null) {\n
if (nodePathInit.type === AST_NODE_TYPES.CALL_EXPRESSION) {\n  // CASE: CallExpression\n  // 1.
const [count, setCount] = useState(0); -> destructured pattern\n  // 2. const [A, setA] = useState(0), const [B, setB]
= useState(0); -> multiple inline declarations\n  // 3. const [\n  //   count,\n  //   setCount\n  // ] =
useState(0); -> multiline hook declaration\n  // 4. const ref = useRef(null); -> generic hooks\n  const callee =
nodePathInit.callee;\n  return isHook(callee);\n } else if (\n  nodePathInit.type ===
AST_NODE_TYPES.MEMBER_EXPRESSION ||\n  nodePathInit.type ===
AST_NODE_TYPES.IDENTIFIER\n ) {\n  // CASE: MemberExpression\n  //   const countState =
React.useState(0);\n  //   const count = countState[0];\n  //   const setCount = countState[1]; -> Accessing
members following hook declaration\n  // CASE: Identifier\n  //   const countState = React.useState(0);\n
//   const [count, setCount] = countState; -> destructuring syntax following hook declaration\n  return true;\n
}\n }\n  return false;\n }\n}\n\n// Check whether 'node' is hook declaration of form useState(0); OR
React.useState(0);\nfunction isReactFunction(node: Node, functionName: string): boolean {\n  return (\n
node.name === functionName ||\n  (node.type === 'MemberExpression' &&\n   node.object.name === 'React'
&&\n   node.property.name === functionName)\n );\n}\n\n// Check if 'path' is either State or Reducer
hook\nfunction isBuiltInHookThatReturnsTuple(path: NodePath): boolean {\n  const callee =
path.node.init.callee;\n  return (\n   isReactFunction(callee, 'useState') ||\n   isReactFunction(callee, 'useReducer')
||\n   isReactFunction(callee, 'useTransition')\n );\n}\n\n// Check whether hookNode of a declaration contains
obvious variable name\nfunction nodeContainsHookVariableName(hookNode: NodePath): boolean {\n  // We
determine cases where variable names are obvious in declarations. Examples:\n  // const [tick, setTick] =
useState(1); OR const ref = useRef(null);\n  // Here tick/ref are obvious hook variables in the hook declaration node
itself\n  // 1. True for satisfying above cases\n  // 2. False for everything else. Examples:\n  //   const countState =
React.useState(0);\n  //   const count = countState[0];\n  //   const setCount = countState[1]; -> not obvious, hook
variable can't be determined\n  //
from the hook declaration node alone\n  // 3. For custom
hooks we force pass true since we are only concerned with the AST node\n  // regardless of how it is accessed in
source code. (See: getHookVariableName)\n  const node = hookNode.node.id;\n  if (\n   node.type ===
AST_NODE_TYPES.ARRAY_PATTERN ||\n   (node.type === AST_NODE_TYPES.IDENTIFIER &&\n
!isBuiltInHookThatReturnsTuple(hookNode))\n ) {\n   return true;\n }\n  return false;\n }\n}\n\nfunction
assertCallExpression(node: Node): Node {\n  if (node.type !== AST_NODE_TYPES.CALL_EXPRESSION) {\n
throw new Error('Expected a CallExpression node for a Hook declaration.);\n }\n  return node;\n }\n}\n\n\"/*\n *
Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in
the\n * LICENSE file in the root directory of this source tree.\n * @flow\n */\n\nimport ErrorStackParser from
'error-stack-parser';\nimport testErrorStack, {\n  SOURCE_STACK_FRAME_LINE_NUMBER,\n} from
'./ErrorTesterCompiled';\n\nlet sourceMapsAreAppliedToErrors: boolean | null = null;\n\n// Source maps are
automatically applied to Error stack frames.\n\nexport function areSourceMapsAppliedToErrors(): boolean {\n  if
(sourceMapsAreAppliedToErrors === null) {\n    try {\n      testErrorStack();\n      sourceMapsAreAppliedToErrors
= false;\n    } catch (error) {\n      const parsed = ErrorStackParser.parse(error);\n      const topStackFrame =
parsed[0];\n      const lineNumber = topStackFrame.lineNumber;\n      if (lineNumber ===

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SOURCE_STACK_FRAME_LINE_NUMBER) {\n    sourceMapsAreAppliedToErrors = true;\n  }\n }\n
}\n\n return sourceMapsAreAppliedToErrors === true;\n}\n", "/*\n * Copyright (c) Facebook, Inc. and its
affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root
directory of this source tree.\n *\n * @flow\n */\n\nimport {__DEBUG__} from 'react-devtools-
shared/src/constants';\n\nimport type {HooksTree} from 'react-debug-tools/src/ReactDebugHooks';\n\nimport type
{Thenable, Wakeable} from 'shared/ReactTypes';\n\nimport type {Element} from
'/devtools/views/Components/types';\n\nimport type {\n HookNames,\n HookSourceLocationKey,\n} from 'react-
devtools-shared/src/types';\n\nimport type {HookSource} from 'react-debug-tools/src/ReactDebugHooks';\n\nimport
type {FetchFileWithCaching} from 'react-devtools-
shared/src/devtools/views/Components/FetchFileWithCachingContext';\n\nimport {withCallbackPerfMeasurements}
from './PerformanceLoggingUtils';\n\nimport {logEvent} from './Logger';\n\nconst TIMEOUT = 30000;\n\nconst
Pending = 0;\n\nconst Resolved = 1;\n\nconst Rejected = 2;\n\n\ntype PendingRecord = {\n status: 0,\n value:
Wakeable,\n};\n\n\ntype ResolvedRecord<T> = {\n status: 1,\n value: T,\n};\n\n\ntype RejectedRecord = {\n status:
2,\n value: null,\n};\n\n\ntype Record<T> = PendingRecord | ResolvedRecord<T> | RejectedRecord;\n\n\nfunction
readRecord<T>(record: Record<T>): ResolvedRecord<T> | RejectedRecord {\n if (record.status === Resolved) {\n
// This is just a type refinement.\n return record;\n } else if (record.status === Rejected) {\n // This is just a
type refinement.\n return record;\n } else {\n throw record.value;\n }\n}\n\n\ntype LoadHookNamesFunction =
(\n hookLog: HooksTree,\n fetchFileWithCaching: FetchFileWithCaching | null,\n) =>
Thenable<HookNames>;\n\n// This is intentionally a module-level Map, rather than a React-managed one.\n\n//
Otherwise, refreshing the inspected element cache would also clear this cache.\n\n// TODO Rethink this if the React
API constraints change.\n\n// See https://github.com/reactwg/react-18/discussions/25#discussioncomment-980435\n\nlet
map: WeakMap<Element, Record<HookNames>> = new WeakMap();\n\n\nexport function
hasAlreadyLoadedHookNames(element: Element): boolean {\n const record = map.get(element);\n return record
!= null && record.status === Resolved;\n}\n\n\nexport function loadHookNames(\n element: Element,\n hooksTree:
HooksTree,\n loadHookNamesFunction: LoadHookNamesFunction,\n fetchFileWithCaching:
FetchFileWithCaching | null,\n): HookNames | null {\n let record = map.get(element);\n if (__DEBUG__) {\n
console.groupCollapsed('loadHookNames() record:');\n console.log(record);\n console.groupEnd();\n }\n\n if
(!record) {\n const callbacks = new Set();\n const wakeable: Wakeable = {\n then(callback) {\n
callbacks.add(callback);\n },\n\n // Optional property used by Timeline:\n displayName: `Loading hook
names for ${element.displayName || 'Unknown'}`,\n }; \n\n let timeoutID;\n let didTimeout = false;\n let
status = 'unknown';\n let resolvedHookNames: HookNames | null = null;\n\n const wake = () => {\n if
(timeoutID) {\n clearTimeout(timeoutID);\n timeoutID = null;\n }\n\n // This assumes they won't
throw.\n callbacks.forEach(callback => callback());\n callbacks.clear();\n }; \n\n const
handleLoadComplete = (durationMs: number): void => {\n // Log duration for parsing hook names\n
logEvent({\n event_name: 'load-hook-names',\n event_status: status,\n duration_ms: durationMs,\n
inspected_element_display_name: element.displayName,\n inspected_element_number_of_hooks:
resolvedHookNames?.size ?? null,\n });\n }; \n\n const newRecord: Record<HookNames> = (record = {\n
status: Pending,\n value: wakeable,\n });\n\n withCallbackPerfMeasurements(\n 'loadHookNames',\n
done => {\n loadHookNamesFunction(hooksTree, fetchFileWithCaching).then(\n function
onSuccess(hookNames) {\n if (didTimeout) {\n return;\n }\n\n if (__DEBUG__) {\n
console.log('[hookNamesCache] onSuccess() hookNames:', hookNames);\n }\n\n if (hookNames)
{\n const resolvedRecord = ((newRecord: any): ResolvedRecord<HookNames>);\n
resolvedRecord.status = Resolved;\n resolvedRecord.value = hookNames;\n } else {\n const
notFoundRecord = ((newRecord: any): RejectedRecord);\n notFoundRecord.status = Rejected;\n
notFoundRecord.value = null;\n }\n\n status = 'success';\n resolvedHookNames =
hookNames;\n done();\n wake();\n },\n function onError(error) {\n if (didTimeout)
{\n return;\n }\n\n if (__DEBUG__) {\n console.log('[hookNamesCache]
onError()');\n }\n\n console.error(error);\n\n const thrownRecord = ((newRecord: any):

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RejectedRecord);\n      thrownRecord.status = Rejected;\n      thrownRecord.value = null;\n      status =
'error';\n      done();\n      wake();\n    },\n    );\n    // Eventually timeout and stop trying to load
names.\n    timeoutID = setTimeout(function onTimeout() {\n      if (__DEBUG__) {\n        console.log('[hookNamesCache] onTimeout()');\n      }\n      timeoutID = null;\n      didTimeout =
true;\n      const timedoutRecord = ((newRecord: any): RejectedRecord);\n      timedoutRecord.status =
Rejected;\n      timedoutRecord.value = null;\n      status = 'timeout';\n      done();\n      wake();\n    },
TIMEOUT);\n  },\n  handleLoadComplete,\n  );\n  map.set(element, record);\n  }\n  const response =
readRecord(record).value;\n  return response;\n}\n\nexport function getHookSourceLocationKey({\n  fileName,\n  lineNumber,\n  columnNumber,\n}: HookSource): HookSourceLocationKey {\n  if (fileName == null || lineNumber
== null || columnNumber == null) {\n    throw Error('Hook source code location not found.');

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startLine;
}

// When the line matches exactly, return the matching index
if (startLine === location.line) {
  return {index: startIndex, direction: 0};
}

if (endLine === location.line) {
  return {index: endIndex,
direction: 0};
}

// If we're at the end of the mappings, and the target line is greater
// than the current line, then this final line must cover the
// target location, so we return it.
if (location.line > endLine && end === null) {
  return {index: endIndex, direction: 0};
}

// If the location is within the current line and the adjacent
// one, we know that the target location must be covered by the current line.
if (startLine < location.line &&
location.line < endLine) {
  return {index: startIndex, direction: 0};
}

// Otherwise, return the next direction
// in the search.
return {index: null, direction: location.line - startLine};
}

/**
 * Compares the target column
 * location to the current location
 * given by the provided index.
 * If the target column location matches the
 * current location, returns
 * the index of the matching entry in the mappings. In order for a column
 * to match, the
 * target column must match the column exactly, or be within
 * the column range of the current entry and the
 * adjacent entry.
 * If the column doesn't match, returns the search direction for the
 * next step in the binary
 * search.
 */
function compareColumnPositions(
  location: Position,
  line: HookMapLine,
  index: number,
):
{index: number | null, direction: number} {
  const startIndex = index;
  const start = line[startIndex];
  if (start ===
null) {
    throw new Error(`Unexpected mapping missing in HookMap line at index ${index}`);
  }
  const startColumn = getColumnNumberFromEntry(start);
  let endColumn;
  let endIndex = index + 1;
  const
end = line[endIndex];
  if (end !== null) {
    endColumn = getColumnNumberFromEntry(end);
  } else {
    endIndex =
startIndex;
    endColumn = startColumn;
  }

  // When the column matches exactly, return the
  // matching index
  if (startColumn === location.column) {
    return {index: startIndex, direction: 0};
  }

  if (endColumn ===
location.column) {
    return {index: endIndex, direction: 0};
  }

  // If we're at the end of the
  // entries for this line, and the target
  // column is greater than the current column, then this final entry
  // must
  // cover the target location, so we return it.
  if (location.column > endColumn && end === null) {
    return {index:
endIndex, direction: 0};
  }

  // If the location is within the current column and the adjacent one,
  // we know
  // that the target location must be covered by the current entry.
  if (startColumn < location.column &&
location.column < endColumn) {
    return {index: startIndex, direction: 0};
  }

  // Otherwise, return the next
  // direction in the search.
  return {index: null, direction: location.column - startColumn};
}

function getLineNumberFromLine(line: HookMapLine): number {
  return
getLineNumberFromEntry(line[0]);
}

function getLineNumberFromEntry(entry: HookMapEntry): number {
  const lineNumber = entry[0];
  if (lineNumber === null) {
    throw new Error('Unexpected line number missing in
entry in HookMap');
  }
  return lineNumber;
}

function getColumnNumberFromEntry(entry:
HookMapEntry): number {
  const columnNumber = entry[1];
  if (columnNumber === null) {
    throw new
Error('Unexpected column number missing in entry in HookMap');
  }
  return columnNumber;
}

function getHookNameIndexFromEntry(entry: HookMapEntry): number {
  const hookNameIndex = entry[2];
  if (hookNameIndex === null) {
    throw new Error('Unexpected hook name index missing in entry in HookMap');
  }
  return hookNameIndex;
}

}

/**
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 * licensed under the MIT license found in the
 * LICENSE file in the root directory of this source tree.
 */
import type {Position} from './astUtils';
import type {
  ReactSourceMetadata,
  IndexSourceMap,
  BasicSourceMap,
  MixedSourceMap,
} from './SourceMapTypes';
import type
{HookMap} from './generateHookMap';
import * as util from 'source-map-js/lib/util';
import {decodeHookMap}
from './generateHookMap';
import {getHookNameForLocation} from './getHookNameForLocation';

type
MetadataMap = Map<string, ?ReactSourceMetadata>;
const HOOK_MAP_INDEX_IN_REACT_METADATA = 0;
const REACT_METADATA_INDEX_IN_FB_METADATA = 1;
const
REACT_SOURCES_EXTENSION_KEY = 'x_react_sources';
const FB_SOURCES_EXTENSION_KEY =
'x_facebook_sources';

/**
 * Extracted from the logic in source-map-js@0.6.2's SourceMapConsumer.
 * By
 * default, source names are normalized using the same logic that the `source-map-js@0.6.2`
 * package uses internally.
 * This is crucial for keeping the sources list in sync with a `SourceMapConsumer`
 * instance.
 */
function
normalizeSourcePath(
  sourceInput: string,
  map: {+sourceRoot?: ?string, ...},
): string {
  const {sourceRoot}
= map;
  let source = sourceInput;
  source = String(source);
  // Some source maps produce relative source

```

```

paths like `./foo.js` instead of `/"foo.js"`. Normalize these first so that future comparisons will succeed.
// See bugzil.la/1090768.
source = util.normalize(source);
// Always ensure that absolute sources are internally
// stored relative to the source root, if the source root is absolute. Not doing this would be particularly
// problematic when the source root is a prefix of the source (valid, but why??). See github issue #199 and
// bugzil.la/1188982.
source = sourceRoot != null && util.isAbsolute(sourceRoot) && util.isAbsolute(source)
  ? util.relative(sourceRoot, source)
  : source;
return util.computeSourceURL(sourceRoot,
source);
}
}
/**
 * Consumes the `x_react_sources` or `x_facebook_sources` metadata field from a source
 * map and exposes ways to query the React DevTools specific metadata included in those fields.
 */
export class SourceMapMetadataConsumer {
  _sourceMap: MixedSourceMap;
  _decodedHookMapCache: Map<string, HookMap>;
  _metadataBySource: ?MetadataMap;

  constructor(sourceMap: MixedSourceMap) {
    this._sourceMap = sourceMap;
    this._decodedHookMapCache = new Map();
    this._metadataBySource = null;
  }

  /**
   * Returns the Hook name assigned to a given location in the source code, and a HookMap
   * extracted from an extended source map. See `getHookNameForLocation` for more details on implementation.
   * When used with the `source-map` package, you'll first use `SourceMapConsumer#originalPositionFor`
   * to retrieve a source location, then pass that location to `hookNameFor`.
   */
  hookNameFor({ line, column, source }: { ...Position, +source: ?string }): ?string {
    if (source == null) {
      return null;
    }
    const hookMap = this._getHookMapForSource(source);
    if (hookMap == null) {
      return null;
    }
    return getHookNameForLocation({ line, column }, hookMap);
  }

  hasHookMap(source: ?string): boolean {
    if (source == null) {
      return false;
    }
    return this._getHookMapForSource(source) != null;
  }

  /**
   * Prepares and caches a lookup table of metadata by source name.
   */
  _getMetadataBySource(): MetadataMap {
    if (this._metadataBySource == null) {
      this._metadataBySource = this._getMetadataObjectsBySourceNames(this._sourceMap);
    }
    return this._metadataBySource;
  }

  /**
   * Collects source metadata from the given map using the current source name normalization function. Handles both index maps (with sections) and plain maps.
   * NOTE: If any sources are repeated in the map (which shouldn't usually happen, but is technically possible because of index maps) we only keep the metadata from the last occurrence of any given source.
   */
  _getMetadataObjectsBySourceNames(sourceMap: MixedSourceMap): MetadataMap {
    if (sourceMap.mappings === undefined) {
      const indexSourceMap: IndexSourceMap = sourceMap;
      const metadataMap = new Map();
      indexSourceMap.sections.forEach(section => {
        const metadataMapForIndexMap = this._getMetadataObjectsBySourceNames(section.map);
        metadataMapForIndexMap.forEach((value, key) => {
          metadataMap.set(key, value);
        });
      });
      return metadataMap;
    }
    const metadataMap = new Map();
    const basicMap: BasicSourceMap = sourceMap;
    const updateMap = (metadata: ReactSourceMetadata, sourceIndex: number) => {
      let source = basicMap.sources[sourceIndex];
      if (source != null) {
        source = normalizeSourcePath(source, basicMap);
        metadataMap.set(source, metadata);
      }
    };
    if (sourceMap.hasOwnProperty(REACT_SOURCES_EXTENSION_KEY) && sourceMap[REACT_SOURCES_EXTENSION_KEY] != null) {
      const reactMetadataArray = sourceMap[REACT_SOURCES_EXTENSION_KEY];
      reactMetadataArray.filter(Boolean).forEach(updateMap);
    } else if (sourceMap.hasOwnProperty(FB_SOURCES_EXTENSION_KEY) && sourceMap[FB_SOURCES_EXTENSION_KEY] != null) {
      const fbMetadataArray = sourceMap[FB_SOURCES_EXTENSION_KEY];
      if (fbMetadataArray != null) {
        fbMetadataArray.forEach((fbMetadata, sourceIndex) => {
          // When extending source maps with React metadata using the `x_facebook_sources` field, the position at index 1 on the metadata tuple is reserved for React metadata
          const reactMetadata = fbMetadata != null ? fbMetadata[REACT_METADATA_INDEX_IN_FB_METADATA] : null;
          if (reactMetadata != null) {
            updateMap(reactMetadata, sourceIndex);
          }
        });
      }
    }
    return metadataMap;
  }

  /**
   * Decodes the function name mappings for the given source if needed, and
   */

```

```

retrieves a sorted, searchable array of mappings.\n
*/\n
_getHookMapForSource(source: string): ?HookMap {\n
if (this._decodedHookMapCache.has(source)) {\n
return this._decodedHookMapCache.get(source);\n
}\n
let\n
hookMap = null;\n
const metadataBySource = this._getMetadataBySource();\n
const normalized =\n
normalizeSourcePath(source, this._sourceMap);\n
const metadata = metadataBySource.get(normalized);\n
if\n
(metadata != null) {\n
const encodedHookMap =\n
metadata[HOOK_MAP_INDEX_IN_REACT_METADATA];\n
hookMap = encodedHookMap != null ?\n
decodeHookMap(encodedHookMap) : null;\n
}\n
if (hookMap != null) {\n
this._decodedHookMapCache.set(source, hookMap);\n
}\n
return hookMap;\n
}\n\n\n", /*\n
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* LICENSE file in the root directory of this source tree.\n
*\n
* @flow\n
*/\n\nimport\n
{getHookNamesMappingFromAST} from './astUtils';\n\nimport {encode, decode} from 'sourcemap-codec';\n\nimport\n
{File} from '@babel/types';\n\nexport type HookMap = {\n
names: $ReadOnlyArray<string>,\n
mappings:\n
HookMapMappings,\n
};\n\nexport type EncodedHookMap = {\n
names: $ReadOnlyArray<string>,\n
mappings:\n
string,\n
};\n\n// See generateHookMap below for more details on formatting\n\nexport type HookMapEntry = {\n
number, // 1-indexed line number\n
number, // 0-indexed column number\n
number, // 0-indexed index into names\n
array\n
number, // TODO: filler number to support reusing encoding from `sourcemap-codec` (see TODO\n
below)\n
};\n\nexport type HookMapLine = HookMapEntry[];\n\nexport type HookMapMappings =\n
HookMapLine[];\n\n/**\n
* Given a parsed source code AST, returns a `Hook Map`, which is a mapping\n
which maps locations in the source code to their corresponding Hook name, if there is a relevant Hook\n
name for that location (see getHookNamesMappingFromAST for details on the representation of the\n
mapping).\n
*\n
* The format of the Hook Map follows a similar format as the `name` and `mappings` fields in\n
the Source Map spec, where `names` is an array of strings, and `mappings` contains segments lines, columns,\n
* and indices into the `names` array.\n
*\n
* E.g.: {\n
names: [\"<no-hook>\", \"state\"],\n
mappings:\n
[ -> line 1\n
[1, 0, 0], -> line, col, name index\n
],\n
[ -> line 2\n
[2, 5, 1], -> line,\n
col, name index\n
[2, 15, 0], -> line, col, name index\n
],\n
]}\n
}\n
\n\nexport function\n
generateHookMap(sourceAST: File): HookMap {\n
const hookNamesMapping =\n
getHookNamesMappingFromAST(sourceAST);\n
const namesMap: Map<string, number> = new Map();\n
const\n
names = [];\n
const mappings = [];\n\nlet currentLine = null;\n
hookNamesMapping.forEach(({name, start}) =>\n
{\n
let nameIndex = namesMap.get(name);\n
if (nameIndex == null) {\n
names.push(name);\n
nameIndex\n
= names.length - 1;\n
namesMap.set(name, nameIndex);\n
}\n\n// TODO: We add a -1 at the end of the entry\n
so we can later\n
// encode/decode the mappings by reusing the encode/decode functions\n
// from the\n
`sourcemap-codec` library. This library expects segments\n
of specific sizes (i.e. of size 4) in order to encode\n
them correctly.\n
In the future, when we implement our own encoding, we will not\n
need this restriction\n
and can remove the -1 at the end.\n
const entry = [start.line, start.column, nameIndex, -1];\n\nif (currentLine\n
!= start.line) {\n
currentLine = start.line;\n
mappings.push([entry]);\n
} else {\n
const current =\n
mappings[mappings.length - 1];\n
current.push(entry);\n
}\n
});\n\nreturn {names, mappings};\n
}\n\n/**\n
* Returns encoded version of a Hook Map that is returned\n
* by generateHookMap.\n
*\n
* **NOTE:**\n
* TODO:\n
To encode the `mappings` in the Hook Map, we reuse the encode function from the `sourcemap-codec`\n
library, which means that we are restricted to only encoding segments of specific sizes.\n
Inside\n
generateHookMap we make sure to build segments of size 4.\n
In the future, when we implement our own\n
encoding, we will not need this restriction and can remove the -1 at the end.\n
\n\nexport function\n
generateEncodedHookMap(sourceAST: File): EncodedHookMap {\n
const hookMap =\n
generateHookMap(sourceAST);\n
const encoded = encode(hookMap.mappings);\n
return {\n
names:\n
hookMap.names,\n
mappings: encoded,\n
};\n
}\n\nexport function decodeHookMap(encodedHookMap:\n
EncodedHookMap): HookMap {\n
return {\n
names: encodedHookMap.names,\n
mappings:\n
decode(encodedHookMap.mappings),\n
};\n
}\n\n", /*\n
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*\n
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* LICENSE file in the root directory of this source\n
tree.\n
*\n
* @flow\n
*/\n\nimport {withSyncPerfMeasurements} from 'react-devtools-
```

```

shared/src/PerformanceLoggingUtils';\nimport { decode } from 'sourcemap-codec';\n\nimport type {\n  IndexSourceMap,\n  IndexSourceMapSection,\n  BasicSourceMap,\n  MixedSourceMap,\n} from\n './SourceMapTypes';\n\ntype SearchPosition = {\n  columnNumber: number,\n  lineNumber: number,\n};\n\ntype\n ResultPosition = {\n  column: number,\n  line: number,\n  sourceContent: string,\n  sourceURL:\n  string,\n};\n\nexport type SourceMapConsumerType = {\n  originalPositionFor: SearchPosition =>\n  ResultPosition,\n};\n\ntype Mappings = Array<Array<Array<number>>>;\n\nexport default function\n SourceMapConsumer(\n  sourceMapJSON: MixedSourceMap | IndexSourceMapSection,\n): SourceMapConsumerType {\n  if (sourceMapJSON.sections != null) {\n    return\n    IndexedSourceMapConsumer(((sourceMapJSON: any): IndexSourceMap));\n  } else {\n    return\n    BasicSourceMapConsumer(((sourceMapJSON: any): BasicSourceMap));\n  }\n}\n\nfunction\n BasicSourceMapConsumer(sourceMapJSON: BasicSourceMap) {\n  const decodedMappings: Mappings =\n  withSyncPerfMeasurements(\n    'Decoding source map mappings with sourcemap-codec',\n    () =>\n    decode(sourceMapJSON.mappings),\n  );\n\n  function originalPositionFor({\n    columnNumber,\n    lineNumber,\n  }: SearchPosition): ResultPosition {\n    // Error.prototype.stack columns are 1-based (like most IDEs) but ASTs are\n    0-based.\n    const targetColumnNumber = columnNumber - 1;\n\n    const lineMappings =\n    decodedMappings[lineNumber - 1];\n\n    let nearestEntry = null;\n\n    let startIndex = 0;\n    let stopIndex =\n    lineMappings.length - 1;\n\n    let index = -1;\n    while (startIndex <= stopIndex) {\n      index =\n      Math.floor((stopIndex + startIndex) / 2);\n      nearestEntry = lineMappings[index];\n\n      const currentColumn =\n      nearestEntry[0];\n\n      if (currentColumn === targetColumnNumber) {\n        break;\n      } else {\n        if\n        (currentColumn > targetColumnNumber) {\n          if (stopIndex - index > 0) {\n            stopIndex = index;\n          }\n        } else {\n          index = stopIndex;\n          break;\n        }\n      } else {\n        if (index - startIndex > 0) {\n          startIndex = index;\n        } else {\n          index = startIndex;\n          break;\n        }\n      }\n    }\n\n    // We have found either the exact element, or the next-closest element.\n    // However there may be more than one\n    such element.\n    // Make sure we always return the smallest of these.\n    while (index > 0) {\n      const\n      previousEntry = lineMappings[index - 1];\n      const currentColumn = previousEntry[0];\n      if (currentColumn\n      !== targetColumnNumber) {\n        break;\n      }\n      index--;\n    }\n\n    if (nearestEntry == null) {\n      // TODO\n      maybe fall back to the runtime source instead of throwing?\n      throw Error(\n        `Could not find runtime location\n        for line:${lineNumber} and column:${columnNumber}`,\n      );\n    }\n\n    const sourceIndex = nearestEntry[1];\n\n    const sourceContent =\n    sourceMapJSON.sourcesContent != null\n      ?\n      sourceMapJSON.sourcesContent[sourceIndex]\n      : null;\n\n    const sourceURL =\n    sourceMapJSON.sources[sourceIndex] ?? null;\n\n    const line = nearestEntry[2] + 1;\n    const column =\n    nearestEntry[3];\n\n    if (sourceContent === null || sourceURL === null) {\n      // TODO maybe fall back to the\n      runtime source instead of throwing?\n      throw Error(\n        `Could not find original source for line:${lineNumber}\n        and column:${columnNumber}`,\n      );\n    }\n\n    return {\n      column,\n      line,\n      sourceContent:\n      ((sourceContent: any): string),\n      sourceURL: ((sourceURL: any): string),\n    };\n  }\n\n  return ({\n    originalPositionFor,\n  }: any): SourceMapConsumerType;\n}\n\n\ntype Section = {\n  +generatedColumn:\n  number,\n  +generatedLine: number,\n  +map: MixedSourceMap,\n} // Lazily parsed only when/as the section is\nneeded.\n\nsourceMapConsumer: SourceMapConsumerType | null,\n};\n\nfunction\n IndexedSourceMapConsumer(sourceMapJSON: IndexSourceMap) {\n  let lastOffset = {\n    line: -1,\n    column:\n    0,\n  };\n\n  const sections: Array<Section> = sourceMapJSON.sections.map(section => {\n    const offset =\n    section.offset;\n    const offsetLine = offset.line;\n    const offsetColumn = offset.column;\n\n    if (\n      offsetLine <\n      lastOffset.line ||\n      (offsetLine === lastOffset.line && offsetColumn < lastOffset.column)\n    ) {\n      throw new\n      Error('Section offsets must be ordered and non-overlapping.);\n    }\n\n    lastOffset = offset;\n\n    return {\n      //\n      The offset fields are 0-based, but we use 1-based indices when encoding/decoding from VLQ.\n      generatedLine:\n      offsetLine + 1,\n      generatedColumn: offsetColumn + 1,\n      map: section.map,\n      sourceMapConsumer: null,\n    };\n  });\n\n  function originalPositionFor({\n    columnNumber,\n    lineNumber,\n  }: SearchPosition):\n  ResultPosition {\n    // Error.prototype.stack columns are 1-based (like most IDEs) but ASTs are 0-based.\n    const\n    targetColumnNumber = columnNumber - 1;\n\n    let section = null;\n\n    let startIndex = 0;\n    let stopIndex =

```

```

sections.length - 1;\n  let index = -1;\n  while (startIndex <= stopIndex) {\n    index = Math.floor((stopIndex +
startIndex) / 2);\n    section = sections[index];\n\n    const currentLine = section.generatedLine;\n    if
(currentLine === lineNumber) {\n      const currentColumn = section.generatedColumn;\n      if (currentColumn
=== lineNumber) {\n        break;\n      } else {\n        if (currentColumn > targetColumnNumber) {\n          if
(stopIndex - index > 0) {\n            stopIndex = index;\n          } else {\n            index = stopIndex;\n
break;\n          }\n        } else {\n          if (index - startIndex > 0) {\n            startIndex = index;\n          }
else {\n            index = startIndex;\n            break;\n          }\n        }\n      } else {\n        if (currentLine >
lineNumber) {\n          if (stopIndex - index > 0) {\n            stopIndex = index;\n          } else {\n            index =
stopIndex;\n            break;\n          }\n        } else {\n          if (index - startIndex > 0) {\n            startIndex = index;\n
          } else {\n            index = startIndex;\n            break;\n          }\n        }\n      }\n    }\n\n    if (section == null) {\n
// TODO maybe fall back to the runtime source instead of throwing?\n    throw Error(\n      `Could not find
matching section for line:${lineNumber} and column:${columnNumber}`,
      );\n    }\n\n    if
(section.sourceMapConsumer === null) {\n      // Lazily parse the section only when it's needed.\n
section.sourceMapConsumer = new SourceMapConsumer(section.map);\n    }\n\n    return
section.sourceMapConsumer.originalPositionFor({\n      columnNumber,\n      lineNumber,\n    });\n  }\n}\n\n return
(({\n  originalPositionFor,\n  }: any): SourceMapConsumerType);\n}\n\n"/**\n * Copyright (c) Facebook, Inc. and
its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root
directory of this source tree.\n * @flow\n */\n\n// For an overview of why the code in this file is structured this
way,\n// refer to header comments in loadSourceAndMetadata.\n\nimport {parse} from '@babel/parser';\nimport
LRU from 'lru-cache';\nimport {getHookName} from './astUtils';\nimport {areSourceMapsAppliedToErrors} from
'./ErrorTester';\nimport {__DEBUG__} from 'react-devtools-shared/src/constants';\nimport
{getHookSourceLocationKey} from 'react-devtools-shared/src/hookNamesCache';\nimport
{SourceMapMetadataConsumer} from './SourceMapMetadataConsumer';\nimport {\n  withAsyncPerfMeasurements,\n  withSyncPerfMeasurements,\n} from 'react-devtools-
shared/src/PerformanceLoggingUtils';\nimport SourceMapConsumer from './SourceMapConsumer';\n\nimport type
{SourceMapConsumerType} from './SourceMapConsumer';\nimport type {\n  HooksList,\n  LocationKeyToHookSourceAndMetadata,\n} from './loadSourceAndMetadata';\nimport type {HookSource} from
'react-debug-tools/src/ReactDebugHooks';\nimport type {HookNames, LRUCache} from 'react-devtools-
shared/src/types';\n\ntype AST = mixed;\n\ntype HookParsedMetadata = {\n  // API for consuming metadata
present in extended source map.\n  metadataConsumer: SourceMapMetadataConsumer | null,\n  // AST for
original source code; typically comes from a consumed source map.\n  originalSourceAST: AST | null,\n  //
Source code (React components or custom hooks) containing primitive hook calls.\n  // If no source map has been
provided, this code will be the same as runtimeSourceCode.\n  originalSourceCode: string | null,\n  // Original
source URL if there is a source map, or the same as runtimeSourceURL.\n  originalSourceURL: string | null,\n  //
Line number in original source code.\n  originalSourceLineNumber: number | null,\n  // Column number in
original source code.\n  originalSourceColumnNumber: number | null,\n  // Alternate APIs from source-map for
parsing source maps (if detected).\n  sourceMapConsumer: SourceMapConsumerType | null,\n};\n\ntype
LocationKeyToHookParsedMetadata = Map<string, HookParsedMetadata>;\n\ntype CachedRuntimeCodeMetadata
= {\n  metadataConsumer: SourceMapMetadataConsumer | null,\n  sourceMapConsumer:
SourceMapConsumerType | null,\n};\n\nconst runtimeURLToMetadataCache: LRUCache<\n  string,\n  CachedRuntimeCodeMetadata,\n> = new LRU({max: 50});\n\ntype CachedSourceCodeMetadata = {\n  originalSourceAST: AST,\n  originalSourceCode: string,\n};\n\nconst originalURLToMetadataCache:
LRUCache<\n  string,\n  CachedSourceCodeMetadata,\n> = new LRU({\n  max: 50,\n  dispose:
(originalSourceURL: string, metadata: CachedSourceCodeMetadata) => {\n    if (__DEBUG__) {\n
console.log(\n      `originalURLToMetadataCache.dispose() Evicting cached metadata for
\n    \"${originalSourceURL}\"`\n    );\n    }\n  });\n}\n\n};\n\n\nexport async function parseSourceAndMetadata(\n
hooksList: HooksList,\n locationKeyToHookSourceAndMetadata: LocationKeyToHookSourceAndMetadata,\n):
Promise<HookNames | null> {\n  return withAsyncPerfMeasurements('parseSourceAndMetadata()', async () => {\n

```

```

const locationKeyToHookParsedMetadata = withSyncPerfMeasurements(\n  'initializeHookParsedMetadata',\n
() => initializeHookParsedMetadata(locationKeyToHookSourceAndMetadata),\n );\n\n
withSyncPerfMeasurements('parseSourceMaps', () =>\n  parseSourceMaps(\n
locationKeyToHookSourceAndMetadata,\n  locationKeyToHookParsedMetadata,\n  ),\n );\n\n
withSyncPerfMeasurements('parseSourceAST', () =>\n  parseSourceAST(\n
locationKeyToHookSourceAndMetadata,\n  locationKeyToHookParsedMetadata,\n  ),\n );\n\n
return\n
withSyncPerfMeasurements('findHookNames', () =>\n  findHookNames(hooksList,\n
locationKeyToHookParsedMetadata),\n );\n });\n\n\n
function findHookNames(\n hooksList: HooksList,\n
locationKeyToHookParsedMetadata: LocationKeyToHookParsedMetadata,\n ): HookNames {\n  const map:\n
HookNames = new Map();\n\n
hooksList.map(hook => {\n    // We already guard against a null HookSource in\n
parseHookNames()\n    const hookSource = ((hook.hookSource: any): HookSource);\n    const fileName =\n
hookSource.fileName;\n    if (!fileName) {\n      return null; // Should not be reachable.\n    }\n\n
const\n
locationKey = getHookSourceLocationKey(hookSource);\n    const hookParsedMetadata =\n
locationKeyToHookParsedMetadata.get(locationKey);\n    if (!hookParsedMetadata) {\n      return null; // Should\n
not be reachable.\n    }\n\n
const {lineNumber, columnNumber} = hookSource;\n    if (!lineNumber ||\n
!columnNumber) {\n      return null; // Should not be reachable.\n    }\n\n
const {\n    originalSourceURL,\n
originalSourceColumnNumber,\n    originalSourceLineNumber,\n  } = hookParsedMetadata;\n\n
if (\n
originalSourceLineNumber == null ||\n    originalSourceColumnNumber == null ||\n    originalSourceURL ==\n
null\n  ) {\n      return null; // Should not be reachable.\n    }\n\n
let name;\n    const {metadataConsumer} =\n
hookParsedMetadata;\n    if (metadataConsumer != null) {\n      name =\n
withSyncPerfMeasurements('metadataConsumer.hookNameFor', () =>\n
metadataConsumer.hookNameFor({\n        line: originalSourceLineNumber,\n        column:\n
originalSourceColumnNumber,\n        source: originalSourceURL,\n      }),\n );\n    }\n\n
if (name == null)\n
{\n      name = withSyncPerfMeasurements('getHookName', () =>\n
getHookName(\n        hook,\n
hookParsedMetadata.originalSourceAST,\n        ((hookParsedMetadata.originalSourceCode: any): string),\n
((originalSourceLineNumber: any): number),\n        originalSourceColumnNumber,\n        ),\n );\n    }\n\n
if\n
(__DEBUG__) {\n      console.log(`findHookNames() Found name "${name || '-'}`);\n    }\n\n
const key =\n
getHookSourceLocationKey(hookSource);\n    map.set(key, name);\n  });\n\n
return map;\n\n\n
function\n
initializeHookParsedMetadata(\n locationKeyToHookSourceAndMetadata:\n
LocationKeyToHookSourceAndMetadata,\n ) {\n  // Create map of unique source locations (file names plus line and\n
column numbers) to metadata about hooks.\n  const locationKeyToHookParsedMetadata:\n
LocationKeyToHookParsedMetadata = new Map();\n  locationKeyToHookSourceAndMetadata.forEach(\n
(hookSourceAndMetadata, locationKey) => {\n    const hookParsedMetadata: HookParsedMetadata = {\n
metadataConsumer: null,\n    originalSourceAST: null,\n    originalSourceCode: null,\n
originalSourceURL: null,\n    originalSourceLineNumber: null,\n    originalSourceColumnNumber: null,\n
sourceMapConsumer: null,\n  }; \n\n
locationKeyToHookParsedMetadata.set(locationKey,\n
hookParsedMetadata);\n  },\n );\n\n
return locationKeyToHookParsedMetadata;\n\n\n
function\n
parseSourceAST(\n locationKeyToHookSourceAndMetadata: LocationKeyToHookSourceAndMetadata,\n
locationKeyToHookParsedMetadata: LocationKeyToHookParsedMetadata,\n ): void {\n
locationKeyToHookSourceAndMetadata.forEach(\n  (hookSourceAndMetadata, locationKey) => {\n    const\n
hookParsedMetadata = locationKeyToHookParsedMetadata.get(\n    locationKey,\n    );\n    if\n
(hookParsedMetadata == null) {\n      throw Error(`Expected to find HookParsedMetadata for\n
"${locationKey}"`);\n    }\n\n
if (hookParsedMetadata.originalSourceAST != null) {\n      // Use cached\n
metadata.\n      return;\n    }\n\n
if (\n    hookParsedMetadata.originalSourceURL != null &&\n
hookParsedMetadata.originalSourceCode != null &&\n
hookParsedMetadata.originalSourceColumnNumber !=\n
null &&\n    hookParsedMetadata.originalSourceLineNumber != null\n  ) {\n      // Use cached metadata.\n
return;\n    }\n\n
const {lineNumber, columnNumber} = hookSourceAndMetadata.hookSource;\n    if\n
(lineNumber == null || columnNumber == null) {\n      throw Error('Hook source code location not found.);\n

```

```

}\n\n  const {metadataConsumer, sourceMapConsumer} = hookParsedMetadata;\n  const runtimeSourceCode
= ((hookSourceAndMetadata.runtimeSourceCode: any): string);\n  let hasHookMap = false;\n  let
originalSourceURL;\n  let originalSourceCode;\n  let originalSourceColumnNumber;\n  let
originalSourceLineNumber;\n  if (areSourceMapsAppliedToErrors() || sourceMapConsumer === null) {\n    //
Either the current environment automatically applies source maps to errors,\n    // or the current code had no
source map to begin with.\n    // Either way, we don't need to convert the Error stack frame locations.\n
originalSourceColumnNumber = columnNumber;\n    originalSourceLineNumber = lineNumber;\n    // There's
no source map to parse here so we can just parse the original source itself.\n    originalSourceCode =
runtimeSourceCode;\n    // TODO (named hooks) This mixes runtimeSourceURLs with source mapped URLs in
the same cache key space.\n    // Namespace them?\n    originalSourceURL =
hookSourceAndMetadata.runtimeSourceURL;\n  } else {\n    const {\n      column,\n      line,\n
sourceContent,\n      sourceURL,\n    } = sourceMapConsumer.originalPositionFor({\n      columnNumber,\n
      lineNumber,\n    });\n\n    originalSourceColumnNumber = column;\n    originalSourceLineNumber =
line;\n    originalSourceCode = sourceContent;\n    originalSourceURL = sourceURL;\n  }\n\n
hookParsedMetadata.originalSourceCode = originalSourceCode;\n  hookParsedMetadata.originalSourceURL =
originalSourceURL;\n  hookParsedMetadata.originalSourceLineNumber = originalSourceLineNumber;\n
hookParsedMetadata.originalSourceColumnNumber = originalSourceColumnNumber;\n\n  if (\n
metadataConsumer != null &&\n    metadataConsumer.hasHookMap(originalSourceURL)\n  ) {\n
hasHookMap = true;\n  }\n\n  if (__DEBUG__) {\n    console.log(\n      `parseSourceAST() mapped line
${lineNumber}->${originalSourceLineNumber} and column ${columnNumber}-
>${originalSourceColumnNumber}`,\n    );\n  }\n\n  if (hasHookMap) {\n    if (__DEBUG__) {\n
console.log(\n      `parseSourceAST() Found hookMap and skipping parsing for "${originalSourceURL}"`,\n
    );\n  }\n    // If there's a hook map present from an extended sourcemap then\n    // we don't need to parse
the source files and instead can use the\n    // hook map to extract hook names.\n    return;\n  }\n\n  if
(__DEBUG__) {\n    console.log(\n      `parseSourceAST() Did not find hook map for
"${originalSourceURL}"`,\n    );\n  }\n\n  // The cache also serves to deduplicate parsing by URL in our
loop over location keys.\n  // This may need to change if we switch to async parsing.\n  const sourceMetadata =
originalURLToMetadataCache.get(originalSourceURL);\n  if (sourceMetadata != null) {\n    if (__DEBUG__)
{\n      console.groupCollapsed(\n        `parseSourceAST() Found cached source metadata for
"${originalSourceURL}"`,\n      );\n      console.log(sourceMetadata);\n      console.groupEnd();\n    }\n
hookParsedMetadata.originalSourceAST = sourceMetadata.originalSourceAST;\n
hookParsedMetadata.originalSourceCode =\n    sourceMetadata.originalSourceCode;\n  } else {\n    try {\n
// TypeScript is the most commonly used typed JS variant so let's default to it\n    // unless we detect explicit
Flow usage via the "@flow" pragma.\n    const plugin =\n      originalSourceCode.indexOf('@flow') > 0 ?
'flow': 'typescript';\n\n    // TODO (named hooks) This is probably where we should check max source length,\n
// rather than in loadSourceAndMetatada -> loadSourceFiles().\n    // TODO(#22319): Support source files
that are html files with inline script tags.\n    const originalSourceAST = withSyncPerfMeasurements(\n
['@babel/parser'] parse(originalSourceCode),\n      () =>\n        parse(originalSourceCode, {\n
sourceType: 'unambiguous',\n          plugins: ['jsx', plugin],\n        }),\n    );\n\n
hookParsedMetadata.originalSourceAST = originalSourceAST;\n\n    if (__DEBUG__) {\n      console.log(\n
        `parseSourceAST() Caching source metadata for "${originalSourceURL}"`,\n      );\n    }\n\n
originalURLToMetadataCache.set(originalSourceURL, {\n      originalSourceAST,\n
originalSourceCode,\n    });\n  } catch (error) {\n    throw new Error(\n      `Failed to parse source file:
${originalSourceURL}` +\n      '\n\n` +\n      `Original error: ${error}`,\n    );\n  }\n  }\n  }\n
);\n\nfunction parseSourceMaps(\n  locationKeyToHookSourceAndMetadata:
LocationKeyToHookSourceAndMetadata,\n  locationKeyToHookParsedMetadata:
LocationKeyToHookParsedMetadata,\n) {\n  locationKeyToHookSourceAndMetadata.forEach(\n
(hookSourceAndMetadata, locationKey) => {\n    const hookParsedMetadata =

```



```

locationKeyToHookParsedMetadata.get(\n locationKey,\n );\n if (hookParsedMetadata == null) {\n
throw Error(`Expected to find HookParsedMetadata for \"${locationKey}\"`);\n }\n\n const
{runtimeSourceURL, sourceMapJSON} = hookSourceAndMetadata;\n\n // If we've already loaded the source
map info for this file,\n // we can skip reloading it (and more importantly, re-parsing it).\n const
runtimeMetadata = runtimeURLToMetadataCache.get(runtimeSourceURL);\n if (runtimeMetadata != null) {\n
if (__DEBUG__) {\n console.groupCollapsed(\n `parseHookNames() Found cached runtime metadata
for file \"${runtimeSourceURL}\"`,\n );\n console.log(runtimeMetadata);\n console.groupEnd();\n
}\n\n hookParsedMetadata.metadataConsumer = runtimeMetadata.metadataConsumer;\n
hookParsedMetadata.sourceMapConsumer =\n runtimeMetadata.sourceMapConsumer;\n } else {\n if
(sourceMapJSON != null) {\n const sourceMapConsumer = withSyncPerfMeasurements(\n 'new
SourceMapConsumer(sourceMapJSON)',\n () => SourceMapConsumer(sourceMapJSON),\n );\n\n
const metadataConsumer = withSyncPerfMeasurements(\n 'new
SourceMapMetadataConsumer(sourceMapJSON)',\n () => new
SourceMapMetadataConsumer(sourceMapJSON),\n );\n\n hookParsedMetadata.metadataConsumer =
metadataConsumer;\n hookParsedMetadata.sourceMapConsumer = sourceMapConsumer;\n\n // Only set
once to avoid triggering eviction/cleanup code.\n runtimeURLToMetadataCache.set(runtimeSourceURL, {\n
metadataConsumer: metadataConsumer,\n sourceMapConsumer: sourceMapConsumer,\n });\n
}\n }\n };\n\n\nexport function purgeCachedMetadata(): void {\n
originalURLToMetadataCache.reset();\n runtimeURLToMetadataCache.reset();\n}\n\n"/**\n * Copyright (c)
Facebook, Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n *
LICENSE file in the root directory of this source tree.\n */\n\nimport * as parseSourceAndMetadataModule from
'./parseSourceAndMetadata';\n\nexport const parseSourceAndMetadata =\n
parseSourceAndMetadataModule.parseSourceAndMetadata;\n\nexport const purgeCachedMetadata =\n
parseSourceAndMetadataModule.purgeCachedMetadata;\n\n}],"sourceRoot":""}

```

Found in path(s):

```

* /opt/cola/permits/1287718422_1647270843.85/0/react-devtools-core-4-23-0-
tgz/package/dist/parseSourceAndMetadata.worker.worker.js.map

```

1.214 core-util-is 1.0.2

1.214.1 Available under license :

No license file was found, but licenses were detected in source scan.

```

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// The above copyright notice and this permission notice shall be included
// in all copies or substantial portions of the Software.

```

Found in path(s):

```

* /opt/cola/permits/1162010998_1620777481.68/0/fis-components-core-util-is-1-0-2-0-gb94b22f-1-tar-gz/fis-
components-core-util-is-5917000/lib/util.js

```

1.215 is-accessor-descriptor 1.0.0

1.215.1 Available under license :

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1.216 metro-resolver 0.66.2

1.216.1 Available under license :

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```
/**
 * Copyright (c) Facebook, Inc. and its affiliates.
 *
 * This source code is licensed under the MIT license found in the
 * LICENSE file in the root directory of this source tree.
 *
 * @flow
 * @format
 */

'use strict';

const FailedToResolveNameError = require('./FailedToResolveNameError');
const FailedToResolvePathError = require('./FailedToResolvePathError');
const InvalidPackageError = require('./InvalidPackageError');
```

```

const formatFileCandidates = require('./formatFileCandidates');
const isAbsolutePath = require('absolute-path');
const path = require('path');

import type {
  DoesFileExist,
  FileAndDirCandidates,
  FileCandidates,
  FileContext,
  FileOrDirContext,
  FileResolution,
  HasteContext,
  ModulePathContext,
  ResolutionContext,
  Resolution,
  Result,
} from './types';

function resolve(
  context: ResolutionContext,
  moduleName: string,
  platform: string | null,
): Resolution {
  const resolveRequest = context.resolveRequest;
  if (
    !resolveRequest &&
    (isRelativeImport(moduleName) || isAbsolutePath(moduleName))
  ) {
    return resolveModulePath(context, moduleName, platform);
  }

  const realModuleName = context.redirectModulePath(moduleName);

  // exclude
  if (realModuleName === false) {
    return {type: 'empty'};
  }

  const {originModulePath} = context;

  const isDirectImport =
    isRelativeImport(realModuleName) || isAbsolutePath(realModuleName);

  // We disable the direct file loading to let the custom resolvers deal with it
  if (!resolveRequest && isDirectImport) {
    // derive absolute path ../../node_modules/originModuleDir/realModuleName
    const fromModuleParentIdx =
      originModulePath.lastIndexOf('node_modules' + path.sep) + 13;

```

```

const originModuleDir = originModulePath.slice(
  0,
  originModulePath.indexOf(path.sep, fromModuleParentIdx),
);
const absPath = path.join(originModuleDir, realModuleName);
return resolveModulePath(context, absPath, platform);
}

// The Haste resolution must occur before the custom resolver because we want
// to allow overriding imports. It could be part of the custom resolver, but
// that's not the case right now.
if (context.allowHaste && !isDirectImport) {
  const normalizedName = normalizePath(realModuleName);
  const result = resolveHasteName(context, normalizedName, platform);
  if (result.type === 'resolved') {
    return result.resolution;
  }
}

if (resolveRequest) {
  try {
    const resolution = resolveRequest(
      context,
      realModuleName,
      platform,
      moduleName,
    );
    if (resolution) {
      return resolution;
    }
  } catch (error) {}
}

const nodeModulesPaths = Array.from(context.nodeModulesPaths);
let next = path.dirname(originModulePath);
let candidate;
do {
  candidate = next;
  nodeModulesPaths.push(path.join(candidate, 'node_modules'));
  next = path.dirname(candidate);
} while (candidate !== next);

const extraPaths = [];
const {extraNodeModules} = context;
if (extraNodeModules) {
  let bits = path.normalize(moduleName).split(path.sep);
  let packageName;
  // Normalize packageName and bits for scoped modules

```

```

if (bits.length >= 2 && bits[0].startsWith('@')) {
  packageName = bits.slice(0, 2).join('/');
  bits = bits.slice(1);
} else {
  packageName = bits[0];
}
if (extraNodeModules[packageName]) {
  bits[0] = extraNodeModules[packageName];
  extraPaths.push(path.join.apply(path, bits));
}
}

const allDirPaths = nodeModulesPaths
  .map(nodeModulePath => path.join(nodeModulePath, realModuleName))
  .concat(extraPaths);
for (let i = 0; i < allDirPaths.length; ++i) {
  const candidate = context.redirectModulePath(allDirPaths[i]);
  // $FlowFixMe[incompatible-call]
  const result = resolveFileOrDir(context, candidate, platform);
  if (result.type === 'resolved') {
    return result.resolution;
  }
}

throw new FailedToResolveNameError(nodeModulesPaths, extraPaths);
}

/**
 * Resolve any kind of module path, whether it's a file or a directory.
 * For example we may want to resolve './foobar'. The closest
 * `package.json` may define a redirection for this path, for example
 * `~/smth/lib/foobar`, that may be further resolved to
 * `~/smth/lib/foobar/index.ios.js`.
 */
function resolveModulePath(
  context: ModulePathContext,
  toModuleName: string,
  platform: string | null,
): Resolution {
  const modulePath = isAbsolutePath(toModuleName)
    ? resolveWindowsPath(toModuleName)
    : path.join(path.dirname(context.originModulePath), toModuleName);
  const redirectedPath = context.redirectModulePath(modulePath);
  if (redirectedPath === false) {
    return {type: 'empty'};
  }
  const result = resolveFileOrDir(context, redirectedPath, platform);
  if (result.type === 'resolved') {

```

```

    return result.resolution;
  }
  throw new FailedToResolvePathError(result.candidates);
}

/**
 * Resolve a module as a Haste module or package. For example we might try to
 * resolve `Foo`, that is provided by file `~/smth/Foo.js`. Or, in the case of
 * a Haste package, it could be `~/smth/Foo/index.js`.
 */
function resolveHasteName(
  context: HasteContext,
  moduleName: string,
  platform: string | null,
): Result<FileResolution, void> {
  const modulePath = context.resolveHasteModule(moduleName);
  if (modulePath != null) {
    return resolvedAs({type: 'sourceFile', filePath: modulePath});
  }
  let packageName = moduleName;
  let packageJsonPath = context.resolveHastePackage(packageName);
  while (packageJsonPath == null && packageName && packageName !== '.') {
    packageName = path.dirname(packageName);
    packageJsonPath = context.resolveHastePackage(packageName);
  }
  if (packageJsonPath == null) {
    return failedFor();
  }
  const packageDirPath = path.dirname(packageJsonPath);
  const pathInModule = moduleName.substring(packageName.length + 1);
  const potentialModulePath = path.join(packageDirPath, pathInModule);
  const result = resolveFileOrDir(context, potentialModulePath, platform);
  if (result.type === 'resolved') {
    return result;
  }
  const {candidates} = result;
  const opts = {moduleName, packageName, pathInModule, candidates};
  throw new MissingFileInHastePackageError(opts);
}

class MissingFileInHastePackageError extends Error {
  candidates: FileAndDirCandidates;
  moduleName: string;
  packageName: string;
  pathInModule: string;

  constructor(opts: {
    +candidates: FileAndDirCandidates,

```

```

+moduleName: string,
+packageName: string,
+pathInModule: string,
}) {
  super(
    `While resolving module \`${opts.moduleName}\`, ` +
    `the Haste package \`${opts.packageName}\` was found. However the ` +
    `module \`${opts.pathInModule}\` could not be found within ` +
    `the package. Indeed, none of these files exist:\n\n` +
    ` * \`${formatFileCandidates(opts.candidates.file)}\`\n` +
    ` * \`${formatFileCandidates(opts.candidates.dir)}\``,
  );
  Object.assign(this, opts);
}
}

```

```
/**
```

```

* In the NodeJS-style module resolution scheme we want to check potential
* paths both as directories and as files. For example, `foo/bar` may resolve
* to `foo/bar.js` (preferred), but it might also be `foo/bar/index.js`, or
* even a package directory.

```

```
*/
```

```

function resolveFileOrDir(
  context: FileOrDirContext,
  potentialModulePath: string,
  platform: string | null,
): Result<FileResolution, FileAndDirCandidates> {
  const dirPath = path.dirname(potentialModulePath);
  const fileNameHint = path.basename(potentialModulePath);
  const fileResult = resolveFile(context, dirPath, fileNameHint, platform);
  if (fileResult.type === 'resolved') {
    return fileResult;
  }
  const dirResult = resolveDir(context, potentialModulePath, platform);
  if (dirResult.type === 'resolved') {
    return dirResult;
  }
  return failedFor({file: fileResult.candidates, dir: dirResult.candidates});
}

```

```
/**
```

```

* Try to resolve a potential path as if it was a directory-based module.
* Either this is a directory that contains a package, or that the directory
* contains an index file. If it fails to resolve these options, it returns
* `null` and fills the array of `candidates` that were tried.

```

```
*
```

```

* For example we could try to resolve `foo/bar`, that would eventually
* resolve to `foo/bar/lib/index.ios.js` if we're on platform iOS and that

```

```

* `bar` contains a package which entry point is `./lib/index` (or `./lib`).
*/
function resolveDir(
  context: FileOrDirContext,
  potentialDirPath: string,
  platform: string | null,
): Result<FileResolution, FileCandidates> {
  const packageJsonPath = path.join(potentialDirPath, 'package.json');
  if (context.isFileExist(packageJsonPath)) {
    const resolution = resolvePackage(context, packageJsonPath, platform);
    return {resolution, type: 'resolved'};
  }
  return resolveFile(context, potentialDirPath, 'index', platform);
}

/**
* Resolve the main module of a package that we know exist. The resolution
* itself cannot fail because we already resolved the path to the package.
* If the `main` of the package is invalid, this is not a resolution failure,
* this means the package is invalid, and should purposefully stop the
* resolution process altogether.
*/
function resolvePackage(
  context: FileOrDirContext,
  packageJsonPath: string,
  platform: string | null,
): FileResolution {
  const mainPrefixPath = context.getPackageMainPath(packageJsonPath);
  const dirPath = path.dirname(mainPrefixPath);
  const prefixName = path.basename(mainPrefixPath);
  const fileResult = resolveFile(context, dirPath, prefixName, platform);
  if (fileResult.type === 'resolved') {
    return fileResult.resolution;
  }
  const indexResult = resolveFile(context, mainPrefixPath, 'index', platform);
  if (indexResult.type === 'resolved') {
    return indexResult.resolution;
  }
  throw new InvalidPackageError({
    packageJsonPath,
    mainPrefixPath,
    indexCandidates: indexResult.candidates,
    fileCandidates: fileResult.candidates,
  });
}

/**
* Given a file name for a particular directory, return a resolution result

```


* depending on whether or not we found the corresponding module as a file. For
 * example, we might ask for `foo.png`, that resolves to
 * `['/js/beep/foo.ios.png']`. Or we may ask for `boop`, that resolves to
 * `'/js/boop.android.ts'`. On the other hand this function does not resolve
 * directory-based module names: for example `boop` will not resolve to
 * `'/js/boop/index.js` (see `_loadAsDir` for that).

```

*/
function resolveFile(
  context: FileContext,
  dirPath: string,
  fileName: string,
  platform: string | null,
): Result<FileResolution, FileCandidates> {
  const {isAssetFile, resolveAsset} = context;
  if (isAssetFile(fileName)) {
    const extension = path.extname(fileName);
    const basename = path.basename(fileName, extension);
    if (!/@\d+(?:\.\d+)?x$/.test(basename)) {
      try {
        const assets = resolveAsset(dirPath, basename, extension);
        if (assets != null) {
          return mapResult(resolvedAs(assets), filePaths => ({
            type: 'assetFiles',
            filePaths,
          }));
        }
      } catch (err) {
        if (err.code === 'ENOENT') {
          return failedFor({type: 'asset', name: fileName});
        }
      }
    }
    return failedFor({type: 'asset', name: fileName});
  }
  const candidateExts = [];
  const filePathPrefix = path.join(dirPath, fileName);
  const sfContext = {...context, candidateExts, filePathPrefix};
  const filePath = resolveSourceFile(sfContext, platform);
  if (filePath != null) {
    return resolvedAs({type: 'sourceFile', filePath});
  }
  return failedFor({type: 'sourceFile', filePathPrefix, candidateExts});
}

type SourceFileContext = SourceFileForAllExtsContext & {
  +sourceExts: $ReadOnlyArray<string>,
  ...
};

```

```

/**
 * A particular 'base path' can resolve to a number of possibilities depending
 * on the context. For example `foo/bar` could resolve to `foo/bar.ios.js`, or
 * to `foo/bar.js`. It can also resolve to the bare path `foo/bar` itself, as
 * supported by Node.js resolution. On the other hand it doesn't support
 * `foo/bar.ios`, for historical reasons.
 *
 * Return the full path of the resolved module, `null` if no resolution could
 * be found.
 */
function resolveSourceFile(
  context: SourceFileContext,
  platform: ?string,
): ?string {
  let filePath = resolveSourceFileForAllExts(context, "");
  if (filePath) {
    return filePath;
  }
  const {sourceExts} = context;
  for (let i = 0; i < sourceExts.length; i++) {
    const ext = `.${sourceExts[i]}`;
    filePath = resolveSourceFileForAllExts(context, ext, platform);
    if (filePath != null) {
      return filePath;
    }
  }
  return null;
}

type SourceFileForAllExtsContext = SourceFileForExtContext & {
  +preferNativePlatform: boolean,
  ...
};

/**
 * For a particular extension, ex. `js`, we want to try a few possibilities,
 * such as `foo.ios.js`, `foo.native.js`, and of course `foo.js`. Return the
 * full path of the resolved module, `null` if no resolution could be found.
 */
function resolveSourceFileForAllExts(
  context: SourceFileForAllExtsContext,
  sourceExt: string,
  platform: ?string,
): ?string {
  if (platform != null) {
    const ext = `.${platform}${sourceExt}`;
    const filePath = resolveSourceFileForExt(context, ext);
  }
}

```

```

    if (filePath) {
        return filePath;
    }
}
if (context.preferNativePlatform) {
    const filePath = resolveSourceFileForExt(context, `.native${sourceExt}`);
    if (filePath) {
        return filePath;
    }
}
const filePath = resolveSourceFileForExt(context, sourceExt);
return filePath;
}

type SourceFileForExtContext = {
    +candidateExts: Array<string>,
    +doesFileExist: DoesFileExist,
    +filePathPrefix: string,
    ...
};

/**
 * We try to resolve a single possible extension. If it doesn't exist, then
 * we make sure to add the extension to a list of candidates for reporting.
 */
function resolveSourceFileForExt(
    context: SourceFileForExtContext,
    extension: string,
): ?string {
    const filePath = `${context.filePathPrefix}${extension}`;
    if (context.doesFileExist(filePath)) {
        return filePath;
    }
    context.candidateExts.push(extension);
    return null;
}

// HasteFS stores paths with backslashes on Windows, this ensures the path is in
// the proper format. Will also add drive letter if not present so `/root` will
// resolve to `C:\root`. Noop on other platforms.
function resolveWindowsPath(modulePath) {
    if (path.sep !== '\\') {
        return modulePath;
    }
    return path.resolve(modulePath);
}

function isRelativeImport(filePath: string) {

```

```

return /^[.][.](?:[/])$/.test(filePath);
}

function normalizePath(modulePath) {
  if (path.sep === '/') {
    modulePath = path.normalize(modulePath);
  } else if (path.posix) {
    modulePath = path.posix.normalize(modulePath);
  }

  return modulePath.replace(/\/$/, "");
}

function resolvedAs<TResolution, TCandidates>(
  resolution: TResolution,
): Result<TResolution, TCandidates> {
  return {type: 'resolved', resolution};
}

function failedFor<TResolution, TCandidates>(
  candidates: TCandidates,
): Result<TResolution, TCandidates> {
  return {type: 'failed', candidates};
}

function mapResult<TResolution, TNewResolution, TCandidates>(
  result: Result<TResolution, TCandidates>,
  mapper: TResolution => TNewResolution,
): Result<TNewResolution, TCandidates> {
  if (result.type === 'failed') {
    return result;
  }
  return {type: 'resolved', resolution: mapper(result.resolution)};
}

module.exports = resolve;

Found in path(s):
* /opt/cola/permits/1235010555_1638334423.15/0/metro-resolver-0-66-2-tgz/package/src/resolve.js.flow
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 *
 * @flow strict

```

```

* @format
*/

'use strict';

const formatFileCandidates = require('./formatFileCandidates');

import type {FileAndDirCandidates} from './types';

class FailedToResolvePathError extends Error {
  candidates: FileAndDirCandidates;

  constructor(candidates: FileAndDirCandidates) {
    super(
      `The module could not be resolved because none of these files exist:\n\n' +
      ` * ${formatFileCandidates(candidates.file)}\n` +
      ` * ${formatFileCandidates(candidates.dir)}\`,
    );
    this.candidates = candidates;
  }
}

module.exports = FailedToResolvePathError;

```

Found in path(s):

```

* /opt/cola/permits/1235010555_1638334423.15/0/metro-resolver-0-66-2-
tgz/package/src/FailedToResolvePathError.js.flow

```

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```

*

```

```

* @flow strict

```

```

* @format

```

```

*/

```

```

'use strict';

```

```

const formatFileCandidates = require('./formatFileCandidates');

```

```

import type {FileCandidates} from './types';

```

```

class InvalidPackageError extends Error {

```

```

  /**

```

```

    * The file candidates we tried to find to resolve the `main` field of the

```

```

* package. Ex. `~/js/foo/beep(.js|.json)?` if `main` is specifying `./beep`
* as the entry point.
*/
fileCandidates: FileCandidates;
/**
* The 'index' file candidates we tried to find to resolve the `main` field of
* the package. Ex. `~/js/foo/beep/index(.js|.json)?` if `main` is specifying
* `./beep` as the entry point.
*/
indexCandidates: FileCandidates;
/**
* The module path prefix we where trying to resolve. For example `./beep`.
*/
mainPrefixPath: string;
/**
* Full path the package we were trying to resolve.
* Ex. `~/js/foo/package.json`.
*/
packageJsonPath: string;

constructor(opts: {
  +fileCandidates: FileCandidates,
  +indexCandidates: FileCandidates,
  +mainPrefixPath: string,
  +packageJsonPath: string,
}) {
  super(
    `The package \`${opts.packageJsonPath}\` is invalid because it ` +
    'specifies a `main` module field that could not be resolved (' +
    `\`${opts.mainPrefixPath}\`. None of these files exist:\n\n` +
    ` * ${formatFileCandidates(opts.fileCandidates)}\n` +
    ` * ${formatFileCandidates(opts.indexCandidates)}\`,
  );
  Object.assign(this, opts);
}
}

module.exports = InvalidPackageError;

Found in path(s):
* /opt/cola/permits/1235010555_1638334423.15/0/metro-resolver-0-66-2-
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*
*
* @format
*/
```

Found in path(s):

```
* /opt/cola/permits/1235010555_1638334423.15/0/metro-resolver-0-66-2-tgz/package/src/index.js
* /opt/cola/permits/1235010555_1638334423.15/0/metro-resolver-0-66-2-tgz/package/src/types.js
* /opt/cola/permits/1235010555_1638334423.15/0/metro-resolver-0-66-2-tgz/package/src/formatFileCandidates.js
* /opt/cola/permits/1235010555_1638334423.15/0/metro-resolver-0-66-2-tgz/package/src/resolve.js
* /opt/cola/permits/1235010555_1638334423.15/0/metro-resolver-0-66-2-
tgz/package/src/FailedToResolveNameError.js
* /opt/cola/permits/1235010555_1638334423.15/0/metro-resolver-0-66-2-tgz/package/src/InvalidPackageError.js
* /opt/cola/permits/1235010555_1638334423.15/0/metro-resolver-0-66-2-
tgz/package/src/FailedToResolvePathError.js
```

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*
* @flow strict-local
* @format
*/
```

```
'use strict';
```

```
export type {
  AssetFileResolution,
  CustomResolver,
  DoesFileExist,
  FileAndDirCandidates,
  FileCandidates,
  FileResolution,
  IsAssetFile,
  ResolutionContext,
  Resolution,
  ResolveAsset,
  Result,
} from './types';
```

```
const Resolver = {
  FailedToResolveNameError: require('./FailedToResolveNameError'),
  FailedToResolvePathError: require('./FailedToResolvePathError'),
  formatFileCandidates: require('./formatFileCandidates'),
```

```
InvalidPackageError: require('./InvalidPackageError'),
resolve: require('./resolve'),
};
```

```
module.exports = Resolver;
```

```
Found in path(s):
```

```
* /opt/cola/permits/1235010555_1638334423.15/0/metro-resolver-0-66-2-tgz/package/src/index.js.flow
```

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```
Found in path(s):
```

```
* /opt/cola/permits/1235010555_1638334423.15/0/metro-resolver-0-66-2-
```

```
tgz/package/src/FailedToResolveNameError.js.flow
```

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```

```
*
```

```
* @flow strict
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
export type Result<+TResolution, +TCandidates> =
```

```
  | {|+type: 'resolved', +resolution: TResolution|}
```

```
  | {|+type: 'failed', +candidates: TCandidates|};
```

```
export type Resolution = FileResolution | {|+type: 'empty'|};
```

```
export type AssetFileResolution = $ReadOnlyArray<string>;
```

```
export type FileResolution =
```

```
  | {|+type: 'sourceFile', +filePath: string|}
```

```
  | {|+type: 'assetFiles', +filePaths: AssetFileResolution|};
```

```
export type FileAndDirCandidates = {|
```

```
  +dir: FileCandidates,
```

```
  +file: FileCandidates,
```

```
|};
```

```
/**
```

```
* This is a way to describe what files we tried to look for when resolving
```

```
* a module name as file. This is mainly used for error reporting, so that
```



```

* we can explain why we cannot resolve a module.
*/
export type FileCandidates =
  // We only tried to resolve a specific asset.
  | { |+type: 'asset', +name: string|}
  // We attempted to resolve a name as being a source file (ex. JavaScript,
  // JSON...), in which case there can be several extensions we tried, for
  // example `js/foo.ios.js`, `js/foo.js`, etc. for a single prefix `js/foo`.
  | {|
    +type: 'sourceFile',
    filePathPrefix: string,
    +candidateExts: $ReadOnlyArray<string>,
  |};

/**
* Check existence of a single file.
*/
export type DoesFileExist = (filePath: string) => boolean;
export type IsAssetFile = (fileName: string) => boolean;

/**
* Given a directory path and the base asset name, return a list of all the
* asset file names that match the given base name in that directory. Return
* null if there's no such named asset. `platform` is used to identify
* platform-specific assets, ex. `foo.ios.js` instead of a generic `foo.js`.
*/
export type ResolveAsset = (
  dirPath: string,
  assetName: string,
  extension: string,
) => ?$ReadOnlyArray<string>;

export type FileContext = {
  +doesFileExist: DoesFileExist,
  +isAssetFile: IsAssetFile,
  +nodeModulesPaths: $ReadOnlyArray<string>,
  +preferNativePlatform: boolean,
  +redirectModulePath: (modulePath: string) => string | false,
  +resolveAsset: ResolveAsset,
  +sourceExts: $ReadOnlyArray<string>,
  ...
};

export type FileOrDirContext = FileContext & {
  /**
  * This should return the path of the "main" module of the specified
  * `package.json` file, after post-processing: for example, applying the
  * 'browser' field if necessary.

```

```

*
* FIXME: move the post-processing here. Right now it is
* located in `node-haste/Package.js`, and fully duplicated in
* `ModuleGraph/node-haste/Package.js` (!)
*/
+getPackageMainPath: (packageJsonPath: string) => string,
...
};

export type HasteContext = FileOrDirContext & {
/**
* Given a name, this should return the full path to the file that provides
* a Haste module of that name. Ex. for `Foo` it may return `/smth/Foo.js`.
*/
+resolveHasteModule: (name: string) => ?string,
/**
* Given a name, this should return the full path to the package manifest that
* provides a Haste package of that name. Ex. for `Foo` it may return
* `/smth/Foo/package.json`.
*/
+resolveHastePackage: (name: string) => ?string,
...
};

export type ModulePathContext = FileOrDirContext & {
/**
* Full path of the module that is requiring or importing the module to be
* resolved.
*/
+originModulePath: string,
...
};

export type ResolutionContext = ModulePathContext &
HasteContext & {
  allowHaste: boolean,
  extraNodeModules: ?{[string]: string, ...},
  originModulePath: string,
  resolveRequest?: ?CustomResolver,
  ...
};

export type CustomResolver = (
  ResolutionContext,
  string,
  string | null,
  string | null,
) => Resolution;

```

Found in path(s):

* /opt/cola/permits/1235010555_1638334423.15/0/metro-resolver-0-66-2-tgz/package/src/types.js.flow

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*

* @flow strict

* @format

*/

Found in path(s):

* /opt/cola/permits/1235010555_1638334423.15/0/metro-resolver-0-66-2-

tgz/package/src/formatFileCandidates.js.flow

1.217 which-module 2.0.0

1.217.1 Available under license :

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1.218 mockdate 3.0.5

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1.219 native-base 2.15.2

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1.220 @babel/plugin-transform-arrow-functions 7.16.7

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1.221 `argparse` 1.0.10

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1.222 `@babel/plugin-transform-named-capturing-groups-regex` 7.16.8

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1.223 hermes-profile-transformer 0.0.6

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1.224 install 0.13.0

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1.225 node-int64 0.4.0

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1.226 isarray 1.0.0

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1.227 @egjs/hammerjs 2.0.17

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1.228 mkdirp 0.5.5

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1.230 @babel/plugin-syntax-class-properties

7.12.13

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1.231 react-tween-state 0.1.5

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1.232 fs-extra 2.1.2

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1.233 metro-react-native-babel-preset 0.64.0

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```
* /opt/cola/permits/1226617434_1636580437.95/0/metro-react-native-babel-preset-0-64-0-
tgz/package/src/configs/hmr.js
* /opt/cola/permits/1226617434_1636580437.95/0/metro-react-native-babel-preset-0-64-0-tgz/package/src/index.js
* /opt/cola/permits/1226617434_1636580437.95/0/metro-react-native-babel-preset-0-64-0-
tgz/package/src/passthrough-syntax-plugins.js
* /opt/cola/permits/1226617434_1636580437.95/0/metro-react-native-babel-preset-0-64-0-
tgz/package/src/configs/main.js
* /opt/cola/permits/1226617434_1636580437.95/0/metro-react-native-babel-preset-0-64-0-
tgz/package/src/configs/lazy-imports.js
```

1.234 execa 1.0.0

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1.235 readable-stream 2.3.7

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1.236 jscodeshift 0.11.0

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1.237 @babel/helper-optimise-call-expression

7.16.7

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1.238 hermes-inspector-msggen 1.0.0

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* /opt/cola/permits/1172272265_1623266357.17/0/msggen-zip/msggen/__tests__/PropertyTest.js
* /opt/cola/permits/1172272265_1623266357.17/0/msggen-zip/msggen/__tests__/HeaderWriterTest.js
* /opt/cola/permits/1172272265_1623266357.17/0/msggen-zip/msggen/__tests__/EventTest.js
* /opt/cola/permits/1172272265_1623266357.17/0/msggen-zip/msggen/__tests__/TypeTest.js
* /opt/cola/permits/1172272265_1623266357.17/0/msggen-zip/msggen/__tests__/GraphTest.js
* /opt/cola/permits/1172272265_1623266357.17/0/msggen-zip/msggen/src/TestHelpers.js
* /opt/cola/permits/1172272265_1623266357.17/0/msggen-zip/msggen/__tests__/ImplementationWriterTest.js
```

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 * @flow
 * @format
 */
```

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* /opt/cola/permits/1172272265_1623266357.17/0/msggen-zip/msggen/src/Event.js
```

```
* /opt/cola/permits/1172272265_1623266357.17/0/msggen-zip/msggen/src/ImplementationWriter.js
* /opt/cola/permits/1172272265_1623266357.17/0/msggen-zip/msggen/src/Property.js
* /opt/cola/permits/1172272265_1623266357.17/0/msggen-zip/msggen/src/Command.js
* /opt/cola/permits/1172272265_1623266357.17/0/msggen-zip/msggen/src/Type.js
* /opt/cola/permits/1172272265_1623266357.17/0/msggen-zip/msggen/src/GeneratedHeader.js
* /opt/cola/permits/1172272265_1623266357.17/0/msggen-zip/msggen/src/index.js
* /opt/cola/permits/1172272265_1623266357.17/0/msggen-zip/msggen/src/HeaderWriter.js
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*
```

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```

```
* @format
```

```
*/
```

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```
* /opt/cola/permits/1172272265_1623266357.17/0/msggen-zip/msggen/src/Converters.js
```

```
* /opt/cola/permits/1172272265_1623266357.17/0/msggen-zip/msggen/src/Graph.js
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1.239 Iru-cache 6.0.0

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1.240 has-symbols 1.0.3

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1.241 dom-serializer 0.2.2

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1.242 types-react-redux 7.1.23

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1.243 babel-plugin-syntax-flow 7.16.7

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1.244 nodelib-fs-walk 1.2.8

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1.245 node-releases 2.0.2

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1.246 sane 4.1.0

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1.247 @emotion/stylis 0.8.5

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1.249 p-locate 3.0.0

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1.250 react-native-safe-area-context 3.3.2

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1.251 set-immediate-shim 1.0.1

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1.253 picomatch 2.3.1

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1.254 react-is 17.0.2

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1.255 @sideway/address 4.1.3

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1.256 is-extendable 0.1.1

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1.257 @babel/helper-environment-visitor

7.16.7

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1.258 @babel/plugin-transform-typeof-symbol 7.16.7

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1.259 crypto-random-string 1.0.0

1.259.1 Available under license :

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1.260 @react-native-community/cli-types

6.0.0

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1.261 metro-source-map 0.66.2

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 * @flow
 * @format
 */
```

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```
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-
tgz/package/src/composeSourceMaps.js.flow
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-tgz/package/src/B64Builder.js.flow
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-tgz/package/src/source-map.js.flow
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-
tgz/package/src/generateFunctionMap.js.flow
```

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 * @flow
 * @format
 */
```

```
'use strict';
```



```

const AbstractConsumer = require('./AbstractConsumer');

const invariant = require('invariant');
const normalizeSourcePath = require('./normalizeSourcePath');

const {
  FIRST_COLUMN,
  FIRST_LINE,
  GREATEST_LOWER_BOUND,
  EMPTY_POSITION,
  lookupBiasToString,
} = require('./constants');
const {greatestLowerBound} = require('./search');
const {add, get0, add0, sub, inc} = require('ob1');
const {decode: decodeVlq} = require('vlq');

import type {BasicSourceMap} from './source-map';
import type {
  SourcePosition,
  GeneratedPositionLookup,
  Mapping,
  IConsumer,
} from './types.flow';
import type {Number0} from 'ob1';

/**
 * A source map consumer that supports "basic" source maps (that have a
 * `mappings` field and no sections).
 */
class MappingsConsumer extends AbstractConsumer implements IConsumer {
  _sourceMap: BasicSourceMap;
  _decodedMappings: ?$ReadOnlyArray<Mapping>;
  _normalizedSources: ?$ReadOnlyArray<string>;

  constructor(sourceMap: BasicSourceMap) {
    super(sourceMap);
    this._sourceMap = sourceMap;
    this._decodedMappings = null;
    this._normalizedSources = null;
  }

  originalPositionFor(
    generatedPosition: GeneratedPositionLookup,
  ): SourcePosition {
    const {line, column} = generatedPosition;
    if (line == null || column == null) {
      return {...EMPTY_POSITION};
    }
  }
}

```

```

}
if (generatedPosition.bias != null) {
  invariant(
    generatedPosition.bias === GREATEST_LOWER_BOUND,
    `Unimplemented lookup bias: ${lookupBiasToString(
      generatedPosition.bias,
    )}`
  );
}
const mappings = this._decodeAndCacheMappings();
const index = greatestLowerBound(
  mappings,
  {line, column},
  (position, mapping) => {
    if (position.line === mapping.generatedLine) {
      return get0(sub(position.column, mapping.generatedColumn));
    }
    return get0(sub(position.line, mapping.generatedLine));
  },
);
if (
  index != null &&
  mappings[index].generatedLine === generatedPosition.line
) {
  const mapping = mappings[index];
  return {
    source: mapping.source,
    name: mapping.name,
    line: mapping.originalLine,
    column: mapping.originalColumn,
  };
}
return {...EMPTY_POSITION};
}

*_decodeMappings() {
  let generatedLine = FIRST_LINE;
  let generatedColumn = FIRST_COLUMN;
  let originalLine = FIRST_LINE;
  let originalColumn = FIRST_COLUMN;
  let nameIndex = add0(0);
  let sourceIndex = add0(0);

  const normalizedSources = this._normalizeAndCacheSources();

  const { mappings: mappingsRaw, names } = this._sourceMap;
  let next;
  const vlqCache = new Map();

```

```

for (let i = 0; i < mappingsRaw.length; i = next) {
  switch (mappingsRaw[i]) {
    case ';':
      generatedLine = inc(generatedLine);
      generatedColumn = FIRST_COLUMN;
      /* falls through */
    case ',':
      next = i + 1;
      continue;
  }
  findNext: for (next = i + 1; next < mappingsRaw.length; ++next) {
    switch (mappingsRaw[next]) {
      case ';':
        /* falls through */
      case ',':
        break findNext;
    }
  }
  const mappingRaw = mappingsRaw.slice(i, next);
  let decodedVlqValues;
  if (vlqCache.has(mappingRaw)) {
    decodedVlqValues = vlqCache.get(mappingRaw);
  } else {
    decodedVlqValues = decodeVlq(mappingRaw);
    vlqCache.set(mappingRaw, decodedVlqValues);
  }
  invariant(Array.isArray(decodedVlqValues), 'Decoding VLQ tuple failed');
  const [
    generatedColumnDelta,
    sourceIndexDelta,
    originalLineDelta,
    originalColumnDelta,
    nameIndexDelta,
  ] = decodedVlqValues;
  decodeVlq(mappingRaw);
  invariant(generatedColumnDelta != null, 'Invalid generated column delta');
  generatedColumn = add(generatedColumn, generatedColumnDelta);
  const mapping: Mapping = {
    generatedLine,
    generatedColumn,
    source: null,
    name: null,
    originalLine: null,
    originalColumn: null,
  };

  if (sourceIndexDelta != null) {
    sourceIndex = add(sourceIndex, sourceIndexDelta);
  }

```

```

mapping.source = normalizedSources[get0(sourceIndex)];

invariant(originalLineDelta != null, 'Invalid original line delta');
invariant(originalColumnDelta != null, 'Invalid original column delta');

originalLine = add(originalLine, originalLineDelta);
originalColumn = add(originalColumn, originalColumnDelta);

mapping.originalLine = originalLine;
mapping.originalColumn = originalColumn;

if (nameIndexDelta != null) {
    nameIndex = add(nameIndex, nameIndexDelta);
    mapping.name = names[get0(nameIndex)];
}
}

yield mapping;
}

_normalizeAndCacheSources(): $ReadOnlyArray<string> {
    if (!this._normalizedSources) {
        this._normalizedSources = this._sourceMap.sources.map(source =>
            normalizeSourcePath(source, this._sourceMap),
        );
    }
    return this._normalizedSources;
}

_decodeAndCacheMappings(): $ReadOnlyArray<Mapping> {
    if (!this._decodedMappings) {
        this._decodedMappings = [...this._decodeMappings()];
    }
    return this._decodedMappings;
}

generatedMappings(): Iterable<Mapping> {
    return this._decodeAndCacheMappings();
}

_indexOfSource(source: string): ?Number0 {
    const idx = this._normalizeAndCacheSources().indexOf(
        normalizeSourcePath(source, this._sourceMap),
    );
    if (idx === -1) {
        return null;
    }
}

```

```

    return add0(idx);
  }

  sourceContentFor(source: string, nullOnMissing: true): ?string {
    const { sourcesContent } = this._sourceMap;
    if (!sourcesContent) {
      return null;
    }
    const idx = this._indexOfSource(source);
    if (idx == null) {
      return null;
    }
    return sourcesContent[get0(idx)] ?? null;
  }
}

module.exports = MappingsConsumer;

```

Found in path(s):

* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-tgz/package/src/Consumer/MappingsConsumer.js.flow

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*

* @flow strict-local

* @format

*/

'use strict';

const createConsumer = require('./createConsumer');

```

const {
  GENERATED_ORDER,
  ORIGINAL_ORDER,
  GREATEST_LOWER_BOUND,
  LEAST_UPPER_BOUND,
} = require('./constants');

```

import type {MixedSourceMap} from './source-map';

import type {LookupBias} from './constants.js';

import type {

SourcePosition,

GeneratedPositionLookup,

```
Mapping,  
IConsumer,  
IterationOrder,  
} from './types.flow';
```

```
/**
```

```
* A source map consumer that supports both "basic" and "indexed" source maps.
```

```
* Uses `MappingsConsumer` and `SectionsConsumer` under the hood (via
```

```
* `createConsumer`).
```

```
*/
```

```
class DelegatingConsumer implements IConsumer {  
  static +GENERATED_ORDER: IterationOrder = GENERATED_ORDER;  
  static +ORIGINAL_ORDER: IterationOrder = ORIGINAL_ORDER;  
  static +GREATEST_LOWER_BOUND: LookupBias = GREATEST_LOWER_BOUND;  
  static +LEAST_UPPER_BOUND: LookupBias = LEAST_UPPER_BOUND;
```

```
  _rootConsumer: IConsumer;
```

```
  constructor(sourceMap: MixedSourceMap): IConsumer {  
    this._rootConsumer = createConsumer(sourceMap);  
    return this._rootConsumer;  
  }
```

```
  originalPositionFor(  
    generatedPosition: GeneratedPositionLookup,  
  ): SourcePosition {  
    return this._rootConsumer.originalPositionFor(generatedPosition);  
  }
```

```
  generatedMappings(): Iterable<Mapping> {  
    return this._rootConsumer.generatedMappings();  
  }
```

```
  eachMapping(  
    callback: (mapping: Mapping) => mixed,  
    context?: mixed,  
    order?: IterationOrder,  
  ): void {  
    return this._rootConsumer.eachMapping(callback, context, order);  
  }
```

```
  // flowlint-next-line unsafe-getters-setters:off
```

```
  get file(): ?string {  
    return this._rootConsumer.file;  
  }
```

```
  sourceContentFor(source: string, nullOnMissing: true): ?string {  
    return this._rootConsumer.sourceContentFor(source, nullOnMissing);  
  }
```

```
}  
}
```

```
module.exports = DelegatingConsumer;
```

Found in path(s):

```
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-  
tgz/package/src/Consumer/DelegatingConsumer.js.flow
```

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```

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```
*
```

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```
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```

```
*
```

```
* @flow
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
const B64Builder = require('./B64Builder');
```

```
import type {  
  BasicSourceMap,  
  FBSourceMetadata,  
  FBSourceFunctionMap,  
} from './source-map';
```

```
/**
```

```
* Generates a source map from raw mappings.
```

```
*
```

```
* Raw mappings are a set of 2, 4, or five elements:
```

```
*
```

```
* - line and column number in the generated source
```

```
* - line and column number in the original source
```

```
* - symbol name in the original source
```

```
*
```

```
* Mappings have to be passed in the order appearance in the generated source.
```

```
*/
```

```
class Generator {  
  builder: B64Builder;  
  last: {  
    generatedColumn: number,  
    generatedLine: number,  
    name: number,  
    source: number,
```

```

    sourceColumn: number,
    sourceLine: number,
  });
  names: IndexedSet;
  source: number;
  sources: Array<string>;
  sourcesContent: Array<?string>;
  x_facebook_sources: Array<?FBSourceMetadata>;

  constructor() {
    this.builder = new B64Builder();
    this.last = {
      generatedColumn: 0,
      generatedLine: 1, // lines are passed in 1-indexed
      name: 0,
      source: 0,
      sourceColumn: 0,
      sourceLine: 1,
    };
    this.names = new IndexedSet();
    this.source = -1;
    this.sources = [];
    this.sourcesContent = [];
    this.x_facebook_sources = [];
  }

  /**
   * Mark the beginning of a new source file.
   */
  startFile(file: string, code: string, functionMap: ?FBSourceFunctionMap) {
    this.source = this.sources.push(file) - 1;
    this.sourcesContent.push(code);
    this.x_facebook_sources.push(functionMap ? [functionMap] : null);
  }

  /**
   * Mark the end of the current source file
   */
  endFile() {
    this.source = -1;
  }

  /**
   * Adds a mapping for generated code without a corresponding source location.
   */
  addSimpleMapping(generatedLine: number, generatedColumn: number): void {
    const last = this.last;
    if (

```



```

this.source === -1 ||
(generatedLine === last.generatedLine &&
 generatedColumn < last.generatedColumn) ||
generatedLine < last.generatedLine
) {
const msg =
  this.source === -1
    ? 'Cannot add mapping before starting a file with `addFile()`'
    : 'Mapping is for a position preceding an earlier mapping';
throw new Error(msg);
}

if (generatedLine > last.generatedLine) {
  this.builder.markLines(generatedLine - last.generatedLine);
  last.generatedLine = generatedLine;
  last.generatedColumn = 0;
}

this.builder.startSegment(generatedColumn - last.generatedColumn);
last.generatedColumn = generatedColumn;
}

/**
 * Adds a mapping for generated code with a corresponding source location.
 */
addSourceMapping(
  generatedLine: number,
  generatedColumn: number,
  sourceLine: number,
  sourceColumn: number,
): void {
  this.addSimpleMapping(generatedLine, generatedColumn);

  const last = this.last;
  this.builder
    .append(this.source - last.source)
    .append(sourceLine - last.sourceLine)
    .append(sourceColumn - last.sourceColumn);

  last.source = this.source;
  last.sourceColumn = sourceColumn;
  last.sourceLine = sourceLine;
}

/**
 * Adds a mapping for code with a corresponding source location + symbol name.
 */
addNamedSourceMapping(

```

```

generatedLine: number,
generatedColumn: number,
sourceLine: number,
sourceColumn: number,
name: string,
): void {
  this.addSourceMapping(
    generatedLine,
    generatedColumn,
    sourceLine,
    sourceColumn,
  );

  const last = this.last;
  const nameIndex = this.names.indexOf(name);
  this.builder.append(nameIndex - last.name);
  last.name = nameIndex;
}

/**
 * Return the source map as object.
 */
toMap(
  file?: string,
  options?: {excludeSource?: boolean, ...},
): BasicSourceMap {
  let content, sourcesMetadata;

  if (options && options.excludeSource) {
    content = {};
  } else {
    content = {sourcesContent: this.sourcesContent.slice()};
  }

  if (this.hasSourcesMetadata()) {
    sourcesMetadata = {
      x_facebook_sources: JSON.parse(JSON.stringify(this.x_facebook_sources)),
    };
  } else {
    sourcesMetadata = {};
  }

  /* $FlowFixMe(>=0.111.0 site=react_native_fb) This comment suppresses an
 * error found when Flow v0.111 was deployed. To see the error, delete this
 * comment and run Flow. */
  return {
    version: 3,
    file,

```

```

sources: this.sources.slice(),
...content,
/* $FlowFixMe(>=0.111.0 site=react_native_fb) This comment suppresses an
 * error found when Flow v0.111 was deployed. To see the error, delete
 * this comment and run Flow. */
...sourcesMetadata,
names: this.names.items(),
mappings: this.builder.toString(),
};
}

/**
 * Return the source map as string.
 *
 * This is ~2.5x faster than calling `JSON.stringify(generator.toMap())`
 */
toString(file?: string, options?: {excludeSource?: boolean, ...}): string {
  let content, sourcesMetadata;

  if (options && options.excludeSource) {
    content = "";
  } else {
    content = `sourcesContent:${JSON.stringify(this.sourcesContent)},`;
  }

  if (this.hasSourcesMetadata()) {
    sourcesMetadata = `x_facebook_sources:${JSON.stringify(
      this.x_facebook_sources,
    )},`;
  } else {
    sourcesMetadata = "";
  }

  return (
    '{ ' +
    `"version":3, ' +
    (file ? `file:${JSON.stringify(file)}, ` : ") +
    `sources:${JSON.stringify(this.sources)}, ` +
    content +
    sourcesMetadata +
    `names:${JSON.stringify(this.names.items())}, ` +
    `mappings:"${this.builder.toString()}"` +
    ' ' +
    ');
  }

  /**
   * Determine whether we need to write the `x_facebook_sources` field.

```

```

* If the metadata is all `null`s, we can omit the field entirely.
*/
hasSourcesMetadata(): boolean {
  return this.x_facebook_sources.some(
    metadata => metadata != null && metadata.some(value => value != null),
  );
}
}

```

```

class IndexedSet {
  map: Map<string, number>;
  nextIndex: number;

```

```

  constructor() {
    this.map = new Map();
    this.nextIndex = 0;
  }

```

```

  indexFor(x: string): number {
    let index = this.map.get(x);
    if (index == null) {
      index = this.nextIndex++;
      this.map.set(x, index);
    }
    return index;
  }

```

```

  items(): Array<string> {
    return Array.from(this.map.keys());
  }
}

```

```

module.exports = Generator;

```

Found in path(s):

* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-tgz/package/src/Generator.js.flow

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 */

```

```

'use strict';

// Implements an API-compatible subset of source-map's `SourceMapConsumer`.
const DelegatingConsumer = require('./DelegatingConsumer');

module.exports = DelegatingConsumer;

Found in path(s):
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-
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 *
 * @flow strict-local
 * @format
 */

'use strict';

const invariant = require('invariant');

const {GENERATED_ORDER, iterationOrderToString} = require('./constants');

import type {
  SourcePosition,
  GeneratedPositionLookup,
  Mapping,
  IConsumer,
  IterationOrder,
} from './types.flow';

// Implementation details shared between MappingsConsumer and SectionsConsumer
class AbstractConsumer implements IConsumer {
  _sourceMap: {+file?: string, ...};

  constructor(sourceMap: {+file?: string, ...}) {
    this._sourceMap = sourceMap;
  }

  originalPositionFor(
    generatedPosition: GeneratedPositionLookup,
  ): SourcePosition {
    invariant(false, 'Not implemented');
  }

```

```

}

generatedMappings(): Iterable<Mapping> {
  invariant(false, 'Not implemented');
}

eachMapping(
  callback: (mapping: Mapping) => mixed,
  context?: mixed = null,
  order?: IterationOrder = GENERATED_ORDER,
) {
  invariant(
    order === GENERATED_ORDER,
    `Iteration order not implemented: ${iterationOrderToString(order)}`,
  );
  for (const mapping of this.generatedMappings()) {
    callback.call(context, mapping);
  }
}

// flowlint-next-line unsafe-getters-setters:off
get file(): ?string {
  return this._sourceMap.file;
}

sourceContentFor(source: string, nullOnMissing: true): ?string {
  invariant(false, 'Not implemented');
}
}

module.exports = AbstractConsumer;

Found in path(s):
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-
tgz/package/src/Consumer/AbstractConsumer.js.flow
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 * @format
 */

/**

```

```
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* Based on the Base 64 VLQ implementation in Closure Compiler:
* https://git.io/vymuA
*
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/* eslint-disable no-bitwise */

'use strict';

// A map of values to characters for the b64 encoding
const CHAR_MAP = [
  0x41,
  0x42,
  0x43,
  0x44,
  0x45,
```

0x46,
0x47,
0x48,
0x49,
0x4a,
0x4b,
0x4c,
0x4d,
0x4e,
0x4f,
0x50,
0x51,
0x52,
0x53,
0x54,
0x55,
0x56,
0x57,
0x58,
0x59,
0x5a,
0x61,
0x62,
0x63,
0x64,
0x65,
0x66,
0x67,
0x68,
0x69,
0x6a,
0x6b,
0x6c,
0x6d,
0x6e,
0x6f,
0x70,
0x71,
0x72,
0x73,
0x74,
0x75,
0x76,
0x77,
0x78,
0x79,
0x7a,
0x30,


```

0x31,
0x32,
0x33,
0x34,
0x35,
0x36,
0x37,
0x38,
0x39,
0x2b,
0x2f,
];

// A single base 64 digit can contain 6 bits of data. For the base 64 variable
// length quantities we use in the source map spec, the first bit is the sign,
// the next four bits are the actual value, and the 6th bit is the
// continuation bit. The continuation bit tells us whether there are more
// digits in this value following this digit.
//
// Continuation
// | Sign
// | |
// V V
// 101011

const VLQ_BASE_SHIFT = 5;

// binary: 100000
const VLQ_BASE = 1 << VLQ_BASE_SHIFT;

// binary: 011111
const VLQ_BASE_MASK = VLQ_BASE - 1;

// binary: 100000
const VLQ_CONTINUATION_BIT = VLQ_BASE;

/**
 * Converts from a two-complement value to a value where the sign bit is
 * placed in the least significant bit. For example, as decimals:
 * 1 becomes 2 (10 binary), -1 becomes 3 (11 binary)
 * 2 becomes 4 (100 binary), -2 becomes 5 (101 binary)
 */
function toVLQSigned(value) {
    return value < 0 ? (-value << 1) + 1 : (value << 1) + 0;
}

/**
 * Encodes a number to base64 VLQ format and appends it to the passed-in buffer

```

```

*
* DON'T USE COMPOUND OPERATORS (eg `>>>=`) ON `let`-DECLARED VARIABLES!
* V8 WILL DEOPTIMIZE THIS FUNCTION AND MAP CREATION WILL BE 25% SLOWER!
*
* DON'T ADD MORE COMMENTS TO THIS FUNCTION TO KEEP ITS LENGTH SHORT ENOUGH FOR
* V8 OPTIMIZATION!
*/
function encode(value: number, buffer: Buffer, position: number): number {
  let vlq = toVLQSigned(value);
  let digit;
  do {
    digit = vlq & VLQ_BASE_MASK;
    vlq = vlq >>> VLQ_BASE_SHIFT;
    if (vlq > 0) {
      // There are still more digits in this value, so we must make sure the
      // continuation bit is marked.
      digit = digit | VLQ_CONTINUATION_BIT;
    }
    buffer[position++] = CHAR_MAP[digit];
  } while (vlq > 0);

  return position;
}

```

```
module.exports = encode;
```

Found in path(s):

```
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-tgz/package/src/encode.js.flow
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*
```

```
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```
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```

```
*/
```

```
'use strict';
```

```
const AbstractConsumer = require('./AbstractConsumer');
```

```
const createConsumer = require('./createConsumer');
```

```
const {FIRST_COLUMN, FIRST_LINE, EMPTY_POSITION} = require('./constants');
```

```
const {subtractOffsetFromPosition} = require('./positionMath');
```

```

const {greatestLowerBound} = require('./search');
const {add, get0, get1, add0, sub1, sub} = require('ob1');

import type {IndexMap} from './source-map';
import type {
  GeneratedOffset,
  SourcePosition,
  GeneratedPositionLookup,
  Mapping,
  IConsumer,
} from './types.flow';

/**
 * A source map consumer that supports "indexed" source maps (that have a
 * `sections` field and no top-level mappings).
 */
class SectionsConsumer extends AbstractConsumer implements IConsumer {
  _consumers: $ReadOnlyArray<[GeneratedOffset, IConsumer]>;

  constructor(sourceMap: IndexMap) {
    super(sourceMap);
    this._consumers = sourceMap.sections.map((section, index) => {
      const generatedOffset = {
        lines: add0(section.offset.line),
        columns: add0(section.offset.column),
      };
      const consumer = createConsumer(section.map);
      return [generatedOffset, consumer];
    });
  }

  originalPositionFor(
    generatedPosition: GeneratedPositionLookup,
  ): SourcePosition {
    const [generatedOffset, consumer] =
      this._consumerForPosition(generatedPosition) || [];
    if (!consumer) {
      return {...EMPTY_POSITION};
    }
    return consumer.originalPositionFor(
      subtractOffsetFromPosition(generatedPosition, generatedOffset),
    );
  }

  *generatedMappings(): Iterable<Mapping> {
    for (const [generatedOffset, consumer] of this._consumers) {
      let first = true;
      for (const mapping of consumer.generatedMappings()) {

```

```

if (
  first &&
  (get1(mapping.generatedLine) > 1 || get0(mapping.generatedColumn) > 0)
) {
  yield {
    generatedLine: FIRST_LINE,
    generatedColumn: FIRST_COLUMN,
    source: null,
    name: null,
    originalLine: null,
    originalColumn: null,
  };
}
first = false;
yield {
  ...mapping,
  generatedLine: add(mapping.generatedLine, generatedOffset.lines),
  generatedColumn: add(
    mapping.generatedColumn,
    generatedOffset.columns,
  ),
};
}
}
}
}

```

```

_consumerForPosition(
  generatedPosition: GeneratedPositionLookup,
): ?[GeneratedOffset, IConsumer] {
  const {line, column} = generatedPosition;
  if (line == null || column == null) {
    return null;
  }
  const index = greatestLowerBound(
    this._consumers,
    generatedPosition,
    (position, [offset]) => {
      const line0 = sub1(line);
      const column0 = column;
      if (line0 === offset.lines) {
        return get0(sub(column0, offset.columns));
      }
      return get0(sub(line0, offset.lines));
    },
  );
  return index != null ? this._consumers[index] : null;
}

```

```

sourceContentFor(source: string, nullOnMissing: true): ?string {
  for (const [, consumer] of this._consumers) {
    const content = consumer.sourceContentFor(source, nullOnMissing);
    if (content != null) {
      return content;
    }
  }
  return null;
}
}

```

```
module.exports = SectionsConsumer;
```

Found in path(s):

```

* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-
tgz/package/src/Consumer/SectionsConsumer.js.flow

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```

```
'use strict';
```

```

function greatestLowerBound<T, U>(
  elements: $ReadOnlyArray<T>,
  target: U,
  comparator: (U, T) => number,
): ?number {
  let first = 0;
  let it = 0;
  let count = elements.length;
  let step;
  while (count > 0) {
    it = first;
    step = Math.floor(count / 2);
    it = it + step;
    if (comparator(target, elements[it]) >= 0) {
      first = ++it;
      count = count - (step + 1);
    } else {
      count = step;
    }
  }
}

```

```
}  
}  
return first ? first - 1 : null;  
}
```

```
module.exports = { greatestLowerBound};
```

Found in path(s):

```
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-  
tgz/package/src/Consumer/search.js.flow
```

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*/
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```
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tgz/package/src/Consumer/types.flow.js.flow
```

```
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-  
tgz/package/src/Consumer/positionMath.js.flow
```

```
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-  
tgz/package/src/Consumer/createConsumer.js.flow
```

```
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-  
tgz/package/src/Consumer/constants.js.flow
```

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*
```

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```

```
* @format
```

```
*/
```

```
'use strict';
```

```
// flowlint-next-line untyped-import:off
```

```
const util = require('source-map/lib/util');
```

```

// Extracted from source-map@0.5.6's SourceMapConsumer
function normalizeSourcePath(
  sourceInput: string,
  map: {+sourceRoot?: ?string, ...},
): string {
  const {sourceRoot} = map;
  let source = sourceInput;

  source = String(source);
  // Some source maps produce relative source paths like "./foo.js" instead of
  // "foo.js". Normalize these first so that future comparisons will succeed.
  // See bugzil.la/1090768.
  source = util.normalize(source);
  // Always ensure that absolute sources are internally stored relative to
  // the source root, if the source root is absolute. Not doing this would
  // be particularly problematic when the source root is a prefix of the
  // source (valid, but why??). See github issue #199 and bugzil.la/1188982.
  source =
    sourceRoot != null && util.isAbsolute(sourceRoot) && util.isAbsolute(source)
      ? util.relative(sourceRoot, source)
      : source;

  return source;
}

module.exports = normalizeSourcePath;

```

Found in path(s):

```

* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-
tgz/package/src/Consumer/normalizeSourcePath.js.flow

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 */

```

```

'use strict';

```

```

import type {IndexMap, IndexMapSection, MixedSourceMap} from './source-map';

```

```

const EMPTY_MAP = {
  version: 3,

```

```

sources: [],
names: [],
mappings: 'A',
};

/**
 * Builds a source-mapped bundle by concatenating strings and their
 * corresponding source maps (if any).
 *
 * Usage:
 *
 * const builder = new BundleBuilder('bundle.js');
 * builder
 *   .append('foo\n', fooMap)
 *   .append('bar\n')
 *   // ...
 * const code = builder.getCode();
 * const map = builder.getMap();
 */
class BundleBuilder {
  _file: string;
  _sections: Array<IndexMapSection>;
  _line: number;
  _column: number;
  _code: string;
  _afterMappedContent: boolean;

  constructor(file: string) {
    this._file = file;
    this._sections = [];
    this._line = 0;
    this._column = 0;
    this._code = "";
    this._afterMappedContent = false;
  }

  _pushMapSection(map: MixedSourceMap) {
    this._sections.push({
      map,
      offset: { column: this._column, line: this._line },
    });
  }

  _endMappedContent() {
    if (this._afterMappedContent) {
      this._pushMapSection(EMPTY_MAP);
      this._afterMappedContent = false;
    }
  }
}

```



```

}

append(code: string, map: ?MixedSourceMap): this {
  if (!code.length) {
    return this;
  }
  const {lineBreaks, lastLineColumns} = measureString(code);
  if (map) {
    this._pushMapSection(map);
    this._afterMappedContent = true;
  } else {
    this._endMappedContent();
  }
  this._afterMappedContent = !!map;
  this._line = this._line + lineBreaks;
  if (lineBreaks > 0) {
    this._column = lastLineColumns;
  } else {
    this._column = this._column + lastLineColumns;
  }
  this._code = this._code + code;
  return this;
}

```

```

getMap(): MixedSourceMap {
  this._endMappedContent();
  return createIndexMap(this._file, this._sections);
}

```

```

getCode(): string {
  return this._code;
}
}

```

```

const reLineBreak = /\r\n|\r|\n/g;

```

```

function measureString(
  str: string,
): {lineBreaks: number, lastLineColumns: number} {
  let lineBreaks = 0;
  let match;
  let lastLineStart = 0;
  while ((match = reLineBreak.exec(str))) {
    ++lineBreaks;
    lastLineStart = match.index + match[0].length;
  }
  const lastLineColumns = str.length - lastLineStart;
  return {lineBreaks, lastLineColumns};
}

```

```
}
```

```
function createIndexMap(  
  file: string,  
  sections: Array<IndexMapSection>,  
) : IndexMap {  
  return {  
    version: 3,  
    file,  
    sections,  
  };  
}
```

```
module.exports = { BundleBuilder, createIndexMap };
```

Found in path(s):

```
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-tgz/package/src/BundleBuilder.js.flow  
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```
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-tgz/package/src/Consumer/search.js  
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-tgz/package/src/Consumer/index.js  
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-  
tgz/package/src/Consumer/AbstractConsumer.js  
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-  
tgz/package/src/Consumer/DelegatingConsumer.js  
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-  
tgz/package/src/Consumer/constants.js  
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-tgz/package/src/source-map.js  
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-tgz/package/src/Generator.js  
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-tgz/package/src/BundleBuilder.js  
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-  
tgz/package/src/Consumer/types.flow.js  
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-  
tgz/package/src/Consumer/SectionsConsumer.js  
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-  
tgz/package/src/Consumer/createConsumer.js  
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-
```

```
tgz/package/src/composeSourceMaps.js
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-
tgz/package/src/Consumer/normalizeSourcePath.js
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-
tgz/package/src/B64Builder.js
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-
tgz/package/src/Consumer/MappingsConsumer.js
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-
tgz/package/src/generateFunctionMap.js
* /opt/cola/permits/1235010918_1638334396.66/0/metro-source-map-0-66-2-
tgz/package/src/Consumer/positionMath.js
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 *
 * Based on the Base 64 VLQ implementation in Closure Compiler:
 * https://git.io/vymuA
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1.262 ansi-fragments 0.2.1

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1.263 d3-shape 1.3.7

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1.264 metro-symbolicate 0.66.2

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```
* /opt/cola/permits/1235011056_1638334326.45/0/metro-symbolicate-0-66-2-tgz/package/src.real/index.js
* /opt/cola/permits/1235011056_1638334326.45/0/metro-symbolicate-0-66-2-tgz/package/src/symbolicate.js.flow
* /opt/cola/permits/1235011056_1638334326.45/0/metro-symbolicate-0-66-2-tgz/package/src.real/symbolicate.js
```

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```
/**
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 *
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 * LICENSE file in the root directory of this source tree.
 *
 * @emails oncall+js_symbolication
 * @format
 */
```

Found in path(s):

```
* /opt/cola/permits/1235011056_1638334326.45/0/metro-symbolicate-0-66-2-tgz/package/src.real/__tests__/Symbolication-test.js
* /opt/cola/permits/1235011056_1638334326.45/0/metro-symbolicate-0-66-2-tgz/package/src.real/__tests__/SourceMetadataMapConsumer-test.js
```

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```

/**
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 *
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 * LICENSE file in the root directory of this source tree.
 *
 * @flow
 * @format
 */

'use strict';

const vlq = require('vlq');

const {normalizeSourcePath} = require('metro-source-map');

import type {
  MixedSourceMap,
  FBSourcesArray,
  FBSourceFunctionMap,
  FBSourceMetadata,
  BasicSourceMap,
  IndexMap,
} from 'metro-source-map';

const METADATA_FIELD_FUNCTIONS = 0;

type Position = {
  +line: number,
  +column: number,
  ...
};

type FunctionMapping = {
  +line: number,
  +column: number,
  +name: string,
  ...
};

type SourceNameNormalizer = (string, {+sourceRoot?: ?string, ...}) => string;
type MetadataMap = {[source: string]: ?FBSourceMetadata, ...};

/**
 * Consumes the `x_facebook_sources` metadata field from a source map and
 * exposes various queries on it.
 *
 * By default, source names are normalized using the same logic that the
 * `source-map@0.5.6` package uses internally. This is crucial for keeping the
 * sources list in sync with a `SourceMapConsumer` instance.

```

```

* If you're using this with a different source map reader (e.g. one that
* doesn't normalize source names at all), you can switch out the normalization
* function in the constructor, e.g.
*
*   new SourceMetadataMapConsumer(map, source => source) // Don't normalize
*/
class SourceMetadataMapConsumer {
  constructor(
    map: MixedSourceMap,
    normalizeSourceFn: SourceNameNormalizer = normalizeSourcePath,
  ) {
    this._sourceMap = map;
    this._decodedFunctionMapCache = new Map();
    this._normalizeSource = normalizeSourceFn;
  }

  _sourceMap: MixedSourceMap;
  _decodedFunctionMapCache: Map<string, ?$ReadOnlyArray<FunctionMapping>>;
  _normalizeSource: SourceNameNormalizer;
  _metadataBySource: ?MetadataMap;

  /**
   * Retrieves a human-readable name for the function enclosing a particular
   * source location.
   *
   * When used with the `source-map` package, you'll first use
   * `SourceMapConsumer#originalPositionFor` to retrieve a source location,
   * then pass that location to `functionNameFor`.
   */
  functionNameFor({
    line,
    column,
    source,
  }: Position & {+source: ?string, ...}): ?string {
    if (source && line !== null && column !== null) {
      const mappings = this._getFunctionMappings(source);
      if (mappings) {
        const mapping = findEnclosingMapping(mappings, {line, column});
        if (mapping) {
          return mapping.name;
        }
      }
    }
    return null;
  }

  /**

```

```

* Returns this map's source metadata as a new array with the same order as
* `sources`.
*
* This array can be used as the `x_facebook_sources` field of a map whose
* `sources` field is the array that was passed into this method.
*/
toArray(sources: $ReadOnlyArray<string>): FBSourcesArray {
  const metadataBySource = this._getMetadataBySource();
  const encoded = [];
  for (const source of sources) {
    encoded.push(metadataBySource[source] || null);
  }
  return encoded;
}

/**
* Prepares and caches a lookup table of metadata by source name.
*/
_getMetadataBySource(): MetadataMap {
  if (!this._metadataBySource) {
    this._metadataBySource = this._getMetadataObjectsBySourceNames(
      this._sourceMap,
    );
  }

  return this._metadataBySource;
}

/**
* Decodes the function name mappings for the given source if needed, and
* retrieves a sorted, searchable array of mappings.
*/
_getFunctionMappings(source: string): ?$ReadOnlyArray<FunctionMapping> {
  if (this._decodedFunctionMapCache.has(source)) {
    return this._decodedFunctionMapCache.get(source);
  }
  let parsedFunctionMap = null;
  const metadataBySource = this._getMetadataBySource();
  // $FlowFixMe[method-unbinding] added when improving typing for this parameters
  if (Object.prototype.hasOwnProperty.call(metadataBySource, source)) {
    const metadata = metadataBySource[source] || [];
    parsedFunctionMap = decodeFunctionMap(metadata[METADATA_FIELD_FUNCTIONS]);
  }
  this._decodedFunctionMapCache.set(source, parsedFunctionMap);
  return parsedFunctionMap;
}

/**

```



```

* Collects source metadata from the given map using the current source name
* normalization function. Handles both index maps (with sections) and plain
* maps.
*
* NOTE: If any sources are repeated in the map (which shouldn't happen in
* Metro, but is technically possible because of index maps) we only keep the
* metadata from the last occurrence of any given source.
*/

```

```

_getMetadataObjectsBySourceNames(map: MixedSourceMap): MetadataMap {
  // eslint-disable-next-line lint/strictly-null
  if (map.mappings === undefined) {
    const indexMap: IndexMap = map;
    return Object.assign(
      {},
      ...indexMap.sections.map(section =>
        this._getMetadataObjectsBySourceNames(section.map),
      ),
    );
  }
}

```

```

if ('x_facebook_sources' in map) {
  const basicMap: BasicSourceMap = map;
  return (basicMap.x_facebook_sources || []).reduce(
    (acc, metadata, index) => {
      let source = basicMap.sources[index];
      if (source != null) {
        source = this._normalizeSource(source, basicMap);
        acc[source] = metadata;
      }
      return acc;
    },
    {});
}
return {};
}
}

```

```

function decodeFunctionMap(
  functionMap: ?FBSourceFunctionMap,
): $ReadOnlyArray<FunctionMapping> {
  if (!functionMap) {
    return [];
  }
  const parsed = [];
  let line = 1;
  let nameIndex = 0;
  for (const lineMappings of functionMap.mappings.split(';')) {

```

```

let column = 0;
for (const mapping of lineMappings.split(',')) {
  const [columnDelta, nameDelta, lineDelta = 0] = vlq.decode(mapping);
  line += lineDelta;
  nameIndex += nameDelta;
  column += columnDelta;
  parsed.push({line, column, name: functionMap.names[nameIndex]});
}
}
return parsed;
}

```

```

function findEnclosingMapping(
  mappings: $ReadOnlyArray<FunctionMapping>,
  target: Position,
): ?FunctionMapping {
  let first = 0;
  let it = 0;
  let count = mappings.length;
  let step;
  while (count > 0) {
    it = first;
    step = Math.floor(count / 2);
    it += step;
    if (comparePositions(target, mappings[it]) >= 0) {
      first = ++it;
      count -= step + 1;
    } else {
      count = step;
    }
  }
  return first ? mappings[first - 1] : null;
}

```

```

function comparePositions(a: Position, b: Position): number {
  if (a.line === b.line) {
    return a.column - b.column;
  }
  return a.line - b.line;
}

```

```

module.exports = SourceMetadataMapConsumer;

```

Found in path(s):

```

* /opt/cola/permits/1235011056_1638334326.45/0/metro-symbolicate-0-66-2-
tgz/package/src/SourceMetadataMapConsumer.js.flow

```

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*

* @emails oncall+js_symbolication

* @flow strict

* @format

*/

Found in path(s):

* /opt/cola/permits/1235011056_1638334326.45/0/metro-symbolicate-0-66-2-

tgz/package/src.real/__tests__/ChromeHeapSnapshotProcessor-test.js

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* @format

* @flow strict-local

*/

Found in path(s):

* /opt/cola/permits/1235011056_1638334326.45/0/metro-symbolicate-0-66-2-

tgz/package/src.real/__tests__/symbolicate-test.js

* /opt/cola/permits/1235011056_1638334326.45/0/metro-symbolicate-0-66-2-

tgz/package/src.real/__tests__/symbolicate-heap-snapshot-test.js

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*

*

* @format

*/

Found in path(s):

* /opt/cola/permits/1235011056_1638334326.45/0/metro-symbolicate-0-66-2-tgz/package/src/symbolicate.js

* /opt/cola/permits/1235011056_1638334326.45/0/metro-symbolicate-0-66-2-

tgz/package/src/SourceMetadataMapConsumer.js

```
* /opt/cola/permits/1235011056_1638334326.45/0/metro-symbolicate-0-66-2-tgz/package/src/index.js
* /opt/cola/permits/1235011056_1638334326.45/0/metro-symbolicate-0-66-2-
tgz/package/src/ChromeHeapSnapshot.js
* /opt/cola/permits/1235011056_1638334326.45/0/metro-symbolicate-0-66-2-tgz/package/src/Symbolication.js
No license file was found, but licenses were detected in source scan.
```

```
#!/usr/bin/env node
```

```
/**
```

```
* Copyright (c) Facebook, Inc. and its affiliates.
```

```
*
```

```
* This source code is licensed under the MIT license found in the
```

```
* LICENSE file in the root directory of this source tree.
```

```
*
```

```
* @flow strict-local
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
require('./symbolicate.js').then(code => process.exit(code));
```

```
Found in path(s):
```

```
* /opt/cola/permits/1235011056_1638334326.45/0/metro-symbolicate-0-66-2-tgz/package/src/index.js.flow
```

```
No license file was found, but licenses were detected in source scan.
```

```
/**
```

```
* Copyright (c) Facebook, Inc. and its affiliates.
```

```
*
```

```
* This source code is licensed under the MIT license found in the
```

```
* LICENSE file in the root directory of this source tree.
```

```
*
```

```
* @flow strict
```

```
* @format
```

```
*/
```

```
Found in path(s):
```

```
* /opt/cola/permits/1235011056_1638334326.45/0/metro-symbolicate-0-66-2-
tgz/package/src/ChromeHeapSnapshot.js.flow
```

```
* /opt/cola/permits/1235011056_1638334326.45/0/metro-symbolicate-0-66-2-
tgz/package/src.real/ChromeHeapSnapshot.js
```

```
No license file was found, but licenses were detected in source scan.
```

```
/**
```

```
* Copyright (c) Facebook, Inc. and its affiliates.
```

```
*
```

```
* This source code is licensed under the MIT license found in the
```

```
* LICENSE file in the root directory of this source tree.
```

```
*
```

```
* @flow
* @format
*/
```

Found in path(s):

```
* /opt/cola/permits/1235011056_1638334326.45/0/metro-symbolicate-0-66-2-tgz/package/src.real/Symbolication.js
* /opt/cola/permits/1235011056_1638334326.45/0/metro-symbolicate-0-66-2-tgz/package/src/Symbolication.js.flow
* /opt/cola/permits/1235011056_1638334326.45/0/metro-symbolicate-0-66-2-tgz/package/src.real/SourceMetadataMapConsumer.js
```

No license file was found, but licenses were detected in source scan.

```
// Jest Snapshot v1, https://goo.gl/fbAQLP
```

```
exports[coverage option symbolivating a CJS stack trace ignores the module id of the file name 1`] = `
"/js/RKJSMODULES/Apps/HermesModulesTest/HMTLazyFetched.js:13:getValue
"
`;
```

```
exports[coverage option symbolivating a CJS stack trace ignores the segment id of the file name 1`] = `
"/js/RKJSMODULES/Apps/HermesModulesTest/HMTLazyFetched.js:13:getValue
"
`;
```

```
exports[coverage option symbolivating a coverage stack trace CJS 1`] = `
Array [
  Object {
    "column": 2,
    "functionName": "<global>",
    "line": 16,
    "name": null,
    "source": "/js/react-native-github/Libraries/Utilities/createPerformanceLogger.js",
  },
  Object {
    "column": 2,
    "functionName": "<global>",
    "line": 25,
    "name": null,
    "source": "/js/RKJSMODULES/Libraries/MobileConfig/MobileConfig.js",
  },
  Object {
    "column": 0,
    "functionName": "<global>",
    "line": 8,
    "name": null,
    "source": "/js/RKJSMODULES/Apps/HermesModulesTest/HMTLazyFetched.js",
  },
]
`;
```

```

exports[coverage option symbolivating a coverage stack trace Classic 1`] = `
Array [
  Object {
    "column": 9,
    "functionName": "<anonymous>",
    "line": 162,
    "name": "param",
    "source": "/js/RKJSMobileConfig/Libraries/MobileConfig/MobileConfig.js",
  },
  Object {
    "column": 21,
    "functionName": "<anonymous>",
    "line": 100,
    "name": null,
    "source": "/js/RKJSMobileConfig/Libraries/MobileConfig/MobileConfig.js",
  },
  Object {
    "column": 15,
    "functionName": "getValue",
    "line": 10,
    "name": "getValue",
    "source": "/js/RKJSMobileConfig/Apps/HermesModulesTest/HMTLazyFetched.js",
  },
]
`;

```

```

exports[directory context does not read source maps outside the root dir, with relative or absolute paths 1`] = `
"<testDir>/__fixtures__/testfile.js:1:null
../testfile.js:1:null
"
`;

```

```

exports[directory context symbolivating a stack trace 1`] = `
"/js/react-native-github/Libraries/BatchedBridge/BatchedBridge.js:23:Object
/js/react-native-github/Libraries/BatchedBridge/MessageQueue.js:89:null
fileThatDoesntExist.js:10:null
"
`;

```

```

exports[directory context symbolivating a stack trace with absolute paths 1`] = `
"/js/react-native-github/Libraries/BatchedBridge/BatchedBridge.js:23:Object
/js/react-native-github/Libraries/BatchedBridge/MessageQueue.js:89:null
<testDir>/__fixtures__/directory/fileThatDoesntExist.js:10:null
"
`;

```

```

exports[hermes-crash option symbolivating a hermes stack trace 1`] = `

```

```
Array [
  Object {
    "column": 21,
    "functionName": "columns.forEach$argument_0",
    "line": 480,
    "name": "rows",
    "source": "/js/node_modules/react-native/Libraries/polyfills/console.js",
  },
  Object {
    "column": 8,
    "functionName": "setEnabled",
    "line": 101,
    "name": "_enabled",
    "source": "/js/react-native-github/Libraries/Performance/Systrace.js",
  },
  Object {
    "column": 2,
    "functionName": "getValue",
    "line": 13,
    "name": null,
    "source": "/js/RKJSMobile/Apps/HermesModulesTest/HMTLazyFetched.js",
  },
  Object {
    "column": null,
    "functionName": null,
    "line": null,
    "name": null,
    "source": null,
  },
  Object {
    "column": 2,
    "functionName": "getValue",
    "line": 13,
    "name": null,
    "source": "/js/RKJSMobile/Apps/HermesModulesTest/HMTLazyFetched.js",
  },
  Object {
    "NativeCode": true,
  },
]
`;
```

```
exports[hermes-crash option symbolivating a hermes stack trace CJS 1`] = `
```

```
Array [
  Object {
    "column": 36,
    "functionName": "result.clearExceptTimespans",
    "line": 160,
  },
]
```

```
"name": null,
"source": "/js/react-native-github/Libraries/Utilities/createPerformanceLogger.js",
},
Object {
  "column": 2,
  "functionName": "getValue",
  "line": 13,
  "name": null,
  "source": "/js/RKJSMODULES/Apps/HermesModulesTest/HMTLazyFetched.js",
},
Object {
  "column": 2,
  "functionName": "getValue",
  "line": 13,
  "name": null,
  "source": "/js/RKJSMODULES/Apps/HermesModulesTest/HMTLazyFetched.js",
},
Object {
  "column": 2,
  "functionName": "getValue",
  "line": 13,
  "name": null,
  "source": "/js/RKJSMODULES/Apps/HermesModulesTest/HMTLazyFetched.js",
},
Object {
  "NativeCode": true,
},
]
`;
```

```
exports[hermes-crash option symbolizing a hermes stack trace CJS with SegmentID 1`] = `
```

```
Array [
```

```
Object {
  "column": 36,
  "functionName": "result.clearExceptTimespans",
  "line": 160,
  "name": null,
  "source": "/js/react-native-github/Libraries/Utilities/createPerformanceLogger.js",
},
```

```
Object {
  "column": 2,
  "functionName": "getValue",
  "line": 13,
  "name": null,
  "source": "/js/RKJSMODULES/Apps/HermesModulesTest/HMTLazyFetched.js",
},
```

```
Object {
  "column": 2,
```



```

    "functionName": "getValue",
    "line": 13,
    "name": null,
    "source": "/js/RKJSModules/Apps/HermesModulesTest/HMTLazyFetched.js",
  },
  Object {
    "column": 2,
    "functionName": "getValue",
    "line": 13,
    "name": null,
    "source": "/js/RKJSModules/Apps/HermesModulesTest/HMTLazyFetched.js",
  },
  Object {
    "NativeCode": true,
  },
]
`;

```

```

exports[Symbolicating a profiler map 1`] = `
JS_0000_XXXXXXXXXXXXXXXXXXXXXXXXX throws0::thrower.js:48:11
JS_0001_XXXXXXXXXXXXXXXXXXXXXXXXX throws6::thrower.js:35:38
JS_0002_XXXXXXXXXXXXXXXXXXXXXXXXX name::thrower.js:1:0
JS_0003_XXXXXXXXXXXXXXXXXXXXXXXXX (unknown)::thrower.js:1:0"
`;

```

```

exports[Symbolicating a stack trace 1`] = `
"thrower.js:18:null
thrower.js:30:arg
null:null:null
thrower.js:30:arguments
thrower.js:35:this
eval code
null:null:null
thrower.js:27:null
thrower.js:39:throws3
thrower.js:44:throws2
thrower.js:49:throws1
thrower.js:53:throws0
global thrower.js:1:null
"
`;

```

```

exports[Symbolicating a stack trace ignoring a function map 1`] = `
"/js/RKJSModules/segmented/biz.js:5:null
/js/RKJSModules/segmented/glo.js:7:throwSmthInner
/js/RKJSModules/bar.js:14:throwSmth
/js/RKJSModules/bar.js:10:makeItThrowInner
/js/RKJSModules/bar.js:5:makeItThrow

```

```

"
`;

exports[`symbolicating a stack trace in Node format 1`] = `
"TypeError: undefined is not a function
  at throws6 (thrower.js:18:null)
  at thrower.js:30:arg
  at forEach (null:null:null)
  at o (thrower.js:30:arguments)
  at throws4 (thrower.js:35:this)
  at eval (eval at thrower.js:30:forEach)
  at t (thrower.js:27:null)
  at throws2 (thrower.js:39:throws3)
  at throws1 (thrower.js:44:throws2)
  at throws0 (thrower.js:49:throws1)
  at thrower.js:53:throws0
  at global code (thrower.js:1:null)
"
`;

```

```

exports[`symbolicating a stack trace with a function map 1`] = `
"/js/RKJSMModules/segmented/biz.js:5:module.exports.throwSmthInner
/js/RKJSMModules/segmented/glo.js:7:module.exports.throwSmth
/js/RKJSMModules/bar.js:14:makeItThrowInner
/js/RKJSMModules/bar.js:10:makeItThrow
/js/RKJSMModules/bar.js:5:import.then$argument_0
"
`;

```

```

exports[`symbolicating a stack trace with a segmented RAM bundle map 1`] = `
"/js/RKJSMModules/segmented/biz.js:5:null
/js/RKJSMModules/segmented/glo.js:7:throwSmthInner
/js/RKJSMModules/bar.js:14:throwSmth
/js/RKJSMModules/bar.js:10:makeItThrowInner
/js/RKJSMModules/bar.js:5:makeItThrow
"
`;

```

```

exports[`symbolicating an attribution file 1`] = `
{"functionId":1,"location":{"file":"thrower.js","line":4,"column":11},"usage":[]}
{"functionId":2,"location":{"file":"thrower.js","line":14,"column":14},"usage":[]}
"
`;

```

```

exports[`symbolicating an attribution file with 1-based column output 1`] = `
{"functionId":1,"location":{"file":"thrower.js","line":4,"column":12},"usage":[]}
{"functionId":2,"location":{"file":"thrower.js","line":14,"column":15},"usage":[]}
"

```

```
`;
```

```
exports[Symbol.iterator] = `
```

```
Object {  
  "stackFrames": Object {  
    "1": Object {  
      "category": "JavaScript",  
      "funcVirtAddr": "0",  
      "name": "<global>(temp/bench.js:2:1)",  
      "offset": "0",  
    },  
    "2": Object {  
      "category": "JavaScript",  
      "funcVirtAddr": "0",  
      "name": "<global>(temp/bench.js:21:11)",  
      "offset": "55",  
    },  
    "3": Object {  
      "category": "JavaScript",  
      "funcVirtAddr": "67",  
      "name": "entryPoint(temp/bench.js:3:9)",  
      "offset": "16",  
      "parent": 2,  
    },  
    "4": Object {  
      "category": "JavaScript",  
      "funcVirtAddr": "89",  
      "name": "helper(temp/bench.js:6:19)",  
      "offset": "0",  
      "parent": 3,  
    },  
    "5": Object {  
      "category": "JavaScript",  
      "funcVirtAddr": "89",  
      "name": "helper(temp/bench.js:14:20)",  
      "offset": "146",  
      "parent": 3,  
    },  
    "6": Object {  
      "category": "Native",  
      "name": "[Native]4367295792",  
      "parent": 5,  
    },  
  },  
},  
};
```

```
exports[Symbol.iterator] = `
```

```
Object {
  "stackFrames": Object {
    "1": Object {
      "category": "JavaScript",
      "funcVirtAddr": "0",
      "name": "global+0(temp/bench.js:2:1)",
      "offset": "0",
    },
    "2": Object {
      "category": "JavaScript",
      "funcVirtAddr": "0",
      "name": "global+55(temp/bench.js:21:11)",
      "offset": "55",
    },
    "3": Object {
      "category": "JavaScript",
      "funcVirtAddr": "67",
      "name": "entryPoint+16(temp/bench.js:3:9)",
      "offset": "16",
      "parent": 2,
    },
    "4": Object {
      "category": "JavaScript",
      "funcVirtAddr": "89",
      "name": "helper+0(temp/bench.js:6:19)",
      "offset": "0",
      "parent": 3,
    },
    "5": Object {
      "category": "JavaScript",
      "funcVirtAddr": "89",
      "name": "helper+146(temp/bench.js:14:20)",
      "offset": "146",
      "parent": 3,
    },
    "6": Object {
      "category": "Native",
      "name": "[Native]4367295792",
      "parent": 5,
    },
  },
}
`;
```

Found in path(s):

```
* /opt/cola/permits/1235011056_1638334326.45/0/metro-symbolicate-0-66-2-  
tgz/package/src.real/__tests__/__snapshots__/symbolicate-test.js.snap
```

1.265 print-message 2.1.0

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1.266 is-descriptor 0.1.6

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1.267 @babel/plugin-syntax-object-rest-spread 7.8.3

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1.268 babel-plugin-polyfill-regenerator 0.3.1

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1.269 fontfaceobserver 2.1.0

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1.270 find-yarn-workspace-root 2.0.0

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1.271 p-locate 4.1.0

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1.272 Iodash 4.17.21

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1.273 errorhandler 1.5.1

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1.274 locate-path 5.0.0

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1.276 merge-stream 2.0.0

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1.277 @expo/config-plugins 3.1.0

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1.278 astral-regex 1.0.0

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1.279 ip 1.1.5

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1.280 metro-babel-register 0.66.2

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1.281 is-fullwidth-code-point 3.0.0

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1.282 @babel/plugin-proposal-async-generator-functions 7.16.8

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1.283 react-redux 7.2.6

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1.284 through 2.0.5

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1.285 slice-ansi 2.1.0

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1.286 blueimp-md 2.19.0

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1.287 jetifier 1.6.8

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1.292 fbjs 3.0.4

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1.293 pretty-format 26.6.2

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1.305 hoist-non-react-statics 1.2.0

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1.306 is-directory 0.3.1

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1.307 @react-native/polyfills 2.0.0

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```

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* @polyfill
```

```
* @nolint
```

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*/
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1.308 debug 4.3.3

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1.309 os-tmpdir 1.0.2

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1.310 prompts 2.4.2

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1.312 axios 0.24.0

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1.313 repeat-element 1.1.4

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1.314 domelementtype 1.3.1

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1.315 joi 17.6.0

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1.316 commander 2.13.0

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1.317 makeerror 1.0.12

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1.319 brace-expansion 1.1.11

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1.320 destroy 1.0.4

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1.321 micromatch 3.1.10

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1.322 @ampproject/remapping 2.1.2

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1.326 @babel/plugin-proposal-private-methods 7.16.11

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1.327 is-plain-obj 1.1.0

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1.328 chalk 2.4.2

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1.329 charcodes 0.2.0

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1.330 snapdragon-node 2.1.1

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1.332 regenerate 1.4.2

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1.333 metro-hermes-compiler 0.66.2

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 *
 * @flow strict-local
 * @format
 */

'use strict';

const hermes = require('./emhermes.js')({
  noInitialRun: true,
  noExitRuntime: true,
  // Do not call console methods
  print: () => {},
  printErr: () => {},
});

export type Options = {|
  sourceURL: string,
  sourceMap?: string,
|};

export type HermesCompilerResult = $ReadOnly<{|
  bytecode: Buffer,
|}>;

const compileToBytecode = hermes.cwrap('hermesCompileToBytecode', 'number', [
  'number',
  'number',
  'string',
  'number',
  'number',
]);

const getError = hermes.cwrap('hermesCompileResult_getError', 'string', [
  'number',
]);

const getBytecodeAddr = hermes.cwrap(
  'hermesCompileResult_getBytecodeAddr',
  'number',
  ['number'],
);

const getBytecodeSize = hermes.cwrap(
```

```

'hermesCompileResult_getBytecodeSize',
'number',
['number'],
);
const free = hermescc.wrap('hermesCompileResult_free', 'void', ['number']);
const props = (JSON.parse(
hermescc.call('hermesGetProperties', 'string', [], []),
): {
  BYTECODE_ALIGNMENT: number,
  HEADER_SIZE: number,
  LENGTH_OFFSET: number,
  MAGIC: Array<number>,
  VERSION: number,
});

function strdup(str: string) {
  var copy = Buffer.from(str, 'utf8');
  var size = copy.length + 1;
  var address = hermescc._malloc(size);
  if (!address) {
    throw new Error('hermescc string allocation error');
  }
  hermescc.HEAP8.set(copy, address);
  hermescc.HEAP8[address + copy.length] = 0;
  return {ptr: address, size};
}

const align = (offset: number): number =>
/* eslint-disable-next-line no-bitwise */
(offset + props.BYTECODE_ALIGNMENT - 1) & ~(props.BYTECODE_ALIGNMENT - 1);

module.exports.align = align;

module.exports.compile = function(
  source: string | Buffer,
  {sourceURL, sourceMap}: Options,
): HermesCompilerResult {
  const buffer =
    typeof source === 'string' ? Buffer.from(source, 'utf8') : source;

  const address = hermescc._malloc(buffer.length + 1);
  if (!address) {
    throw new Error('Hermesc is out of memory.');
```

```

// Strings are passed on the stack by default. Explicitly pass the source map
// on the heap to avoid problems with large ones.
const sourceMapNotNull = sourceMap ?? "";
const mapOnHeap = strdup(sourceMapNotNull);
let result;
try {
  result = compileToBytecode(
    address,
    buffer.length + 1,
    sourceURL,
    mapOnHeap.ptr,
    mapOnHeap.size,
  );
} finally {
  hermes._free(mapOnHeap.ptr);
}

try {
  const error = getError(result);
  if (error) {
    throw new Error(error);
  }

  const bufferFromHBC = Buffer.from(
    hermes.HEAP8.buffer,
    getBytecodeAddr(result),
    getBytecodeSize(result),
  );
  const bytecode = Buffer.alloc(align(bufferFromHBC.length));
  bufferFromHBC.copy(bytecode, 0);
  return {
    bytecode,
  };
} finally {
  free(result);
} finally {
  hermes._free(address);
}
};

module.exports.validateBytecodeModule = function(
  bytecode: Buffer,
  offset: number,
): void {
  if ((bytecode.byteOffset + offset) % props.BYTECODE_ALIGNMENT) {
    throw new Error(

```

```

    'Bytecode is not aligned to ' + props.BYTECODE_ALIGNMENT + ',
  );
}

const fileLength = bytecode.readUInt32LE(offset + props.LENGTH_OFFSET);
if (
  bytecode.length - offset < props.HEADER_SIZE ||
  bytecode.length - offset < fileLength
) {
  throw new Error('Bytecode buffer is too small.');
```

```

}

if (
  bytecode.readUInt32LE(offset + 0) !== props.MAGIC[0] ||
  bytecode.readUInt32LE(offset + 4) !== props.MAGIC[1]
) {
  throw new Error('Bytecode buffer is missing magic value.');
```

```

}

const version = bytecode.readUInt32LE(offset + 8);
if (version !== props.VERSION) {
  throw new Error(
    'Bytecode version is ' +
    version +
    ' but ' +
    props.VERSION +
    ' is required.',
  );
}
};

module.exports.getFileLength = function(
  bytecode: Buffer,
  offset: number,
): number {
  return bytecode.readUInt32LE(offset + props.LENGTH_OFFSET);
};

module.exports.VERSION = props.VERSION;
```

Found in path(s):

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*

* @generated

*/

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*/

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* @flow strict-local

* @format

*/

// See <https://github.com/facebook/hermes/blob/master/tools/emhermesc/emhermesc.cpp>

declare function cwrap(

'hermesCompileToBytecode',

string,

Array<string>,

): (number, number, string, number, number) => Buffer;

declare function cwrap(

'hermesCompileResult_getError',

string,

Array<string>,

): Buffer => ?Error;

declare function cwrap(

'hermesCompileResult_getBytecodeAddr',

string,

Array<string>,

```

): Buffer => number;
declare function cwrap(
  'hermesCompileResult_getBytecodeSize',
  string,
  Array<string>,
): Buffer => number;
declare function cwrap(
  'hermesCompileResult_free',
  string,
  Array<string>,
): Buffer => void;
declare function ccall(
  'hermesGetProperties',
  string,
  Array<string>,
  Array<string>,
): string;

```

```

type HermesInterface = {
  cwrap: typeof cwrap,
  ccall: typeof ccall,
  _malloc: number => number,
  HEAP8: Buffer,
  _free: number => void,
};

```

```

declare function hermes(options: {
  noInitialRun: boolean,
  noExitRuntime: boolean,
  print: () => void,
  printErr: () => void,
}): HermesInterface;

```

```

declare module.exports: typeof hermes;

```

Found in path(s):

```

* /opt/cola/permits/1235010859_1638334355.63/0/metro-hermes-compiler-0-66-2-
tgz/package/src/emhermes.js.flow

```

1.334 @babel/helper-annotate-as-pure 7.16.7

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1.335 shebang-command 1.2.0

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1.336 compare-versions 3.6.0

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1.337 ansi-regex 5.0.1

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1.338 patch-package 6.4.7

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1.341 tmp 0.0.33

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1.342 reselect 4.1.5

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1.344 types-yargs-parser 21.0.0

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1.345 to-regexp-range 2.1.1

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1.346 babel-preset-expo 8.5.1

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1.347 @babel/helper-member-expression-to-functions 7.16.7

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1.351 send 0.17.2

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1.352 @react-native/normalize-color 2.0.0

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* @flow strict
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*/
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declare module.exports: (color: ?(string | number)) => null | number;
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* /opt/cola/permits/1226617158_1636579971.05/0/normalize-color-2-0-0-tgz/package/index.js.flow
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* @format
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1.354 @react-native-community/datetimetypepicker 3.5.2

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(Additional editing by Jose Menendez)

THE ADVENTURES OF
SHERLOCK HOLMES

BY

SIR ARTHUR CONAN DOYLE

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ADVENTURE I. A SCANDAL IN BOHEMIA

I.

To Sherlock Holmes she is always the woman. I have seldom heard him mention her under any other name. In his eyes she eclipses and predominates the whole of her sex. It was not that he felt any emotion akin to love for Irene Adler. All emotions, and that one particularly, were abhorrent to his cold, precise but admirably balanced mind. He was, I take it, the most perfect reasoning and observing machine that the world has seen, but as a lover he would have placed himself in a false position. He never spoke of the softer passions, save with a gibe and a sneer. They were admirable things for the observer--excellent for drawing the veil from men's motives and actions. But for the trained reasoner to admit such intrusions into his own delicate and finely adjusted temperament was to introduce a distracting factor which might throw a doubt upon all his mental results. Grit in a sensitive instrument, or a crack in

one of his own high-power lenses, would not be more disturbing than a strong emotion in a nature such as his. And yet there was but one woman to him, and that woman was the late Irene Adler, of dubious and questionable memory.

I had seen little of Holmes lately. My marriage had drifted us away from each other. My own complete happiness, and the home-centred interests which rise up around the man who first finds himself master of his own establishment, were sufficient to absorb all my attention, while Holmes, who loathed every form of society with his whole Bohemian soul, remained in our lodgings in Baker Street, buried among his old books, and alternating from week to week between cocaine and ambition, the drowsiness of the drug, and the fierce energy of his own keen nature. He was still, as ever, deeply attracted by the study of crime, and occupied his immense faculties and extraordinary powers of observation in following out those clues, and clearing up those mysteries which had been abandoned as hopeless by the official police. From time to time I heard some vague account of his doings: of his summons to Odessa in the case of the Trepoff murder, of his clearing up of the singular tragedy of the Atkinson brothers at Trincomalee, and finally of the mission which he had accomplished so delicately and successfully for the reigning family of Holland. Beyond these signs of his activity, however, which I merely shared with all the readers of the daily press, I knew little of my former friend and companion.

One night--it was on the twentieth of March, 1888--I was returning from a journey to a patient (for I had now returned to civil practice), when my way led me through Baker Street. As I passed the well-remembered door, which must always be associated in my mind with my wooing, and with the dark incidents of the Study in Scarlet, I was seized with a keen desire to see Holmes again, and to know how he was employing his extraordinary powers. His rooms were brilliantly lit, and, even as I looked up, I saw his tall, spare figure pass twice in a dark silhouette against the blind. He was pacing the room swiftly, eagerly, with his head sunk upon his chest and his hands clasped behind him. To me, who knew his every mood and habit, his attitude and manner told their own story. He was at work again. He had risen out of his drug-created dreams and was hot upon the scent of some new problem. I rang the bell and was shown up to the chamber which had formerly been in part my own.

His manner was not effusive. It seldom was; but he was glad, I think, to see me. With hardly a word spoken, but with a kindly eye, he waved me to an armchair, threw across his case of cigars, and indicated a spirit case and a gasogene in the corner. Then he stood before the fire and looked me over in his singular introspective fashion.

"Wedlock suits you," he remarked. "I think, Watson, that you have put on seven and a half pounds since I saw you."

"Seven!" I answered.

"Indeed, I should have thought a little more. Just a trifle more, I fancy, Watson. And in practice again, I observe. You did not tell me that you intended to go into harness."

"Then, how do you know?"

"I see it, I deduce it. How do I know that you have been getting yourself very wet lately, and that you have a most clumsy and careless servant girl?"

"My dear Holmes," said I, "this is too much. You would certainly have been burned, had you lived a few centuries ago. It is true that I had a country walk on Thursday and came home in a dreadful mess, but as I have changed my clothes I can't imagine how you deduce it. As to Mary Jane, she is incorrigible, and my wife has given her notice, but there, again, I fail to see how you work it out."

He chuckled to himself and rubbed his long, nervous hands together.

"It is simplicity itself," said he; "my eyes tell me that on the inside of your left shoe, just where the firelight strikes it, the leather is scored by six almost parallel cuts. Obviously they have been caused by someone who has very carelessly scraped round the edges of the sole in order to remove crusted mud from it. Hence, you see, my double deduction that you had been out in vile weather, and that you had a particularly malignant boot-slitting specimen of the London slavey. As to your practice, if a gentleman walks into my rooms smelling of iodoform, with a black mark of nitrate of silver upon his right forefinger, and a bulge on the right side of his top-hat to show where he has secreted his stethoscope, I must be dull, indeed, if I do not pronounce him to be an active member of the medical profession."

I could not help laughing at the ease with which he explained his process of deduction. "When I hear you give your reasons," I remarked, "the thing always appears to me to be so ridiculously simple that I could easily do it myself, though at each successive instance of your reasoning I am baffled until you explain your process. And yet I believe that my eyes are as good as yours."

"Quite so," he answered, lighting a cigarette, and throwing himself down into an armchair. "You see, but you do not observe. The distinction is clear. For example, you have frequently seen the steps which lead up from the hall to this room."

"Frequently."

"How often?"

"Well, some hundreds of times."

"Then how many are there?"

"How many? I don't know."

"Quite so! You have not observed. And yet you have seen. That is just my point. Now, I know that there are seventeen steps, because I have both seen and observed. By the way, since you are interested in these little problems, and since you are good enough to chronicle one or two of my trifling experiences, you may be interested in this." He threw over a sheet of thick, pink-tinted notepaper which had been lying open upon the table. "It came by the last post," said he. "Read it aloud."

The note was undated, and without either signature or address.

"There will call upon you to-night, at a quarter to eight o'clock," it said, "a gentleman who desires to consult you upon a matter of the very deepest moment. Your recent services to one of the royal houses of Europe have shown that you are one who may safely be trusted with matters which are of an importance which can hardly be exaggerated. This account of you we have from all quarters received. Be in your chamber then at that hour, and do not take it amiss if your visitor wear a mask."

"This is indeed a mystery," I remarked. "What do you imagine that it means?"

"I have no data yet. It is a capital mistake to theorise before one has data. Insensibly one begins to twist facts to suit theories, instead of theories to suit facts. But the note itself. What do you deduce from it?"

I carefully examined the writing, and the paper upon which it was written.

"The man who wrote it was presumably well to do," I remarked, endeavouring to imitate my companion's processes. "Such paper could not be bought under half a crown a packet. It is peculiarly strong and stiff."

"Peculiar--that is the very word," said Holmes. "It is not an English paper at all. Hold it up to the light."

I did so, and saw a large "E" with a small "g," a "P," and a large "G" with a small "t" woven into the texture of the paper.

"What do you make of that?" asked Holmes.

"The name of the maker, no doubt; or his monogram, rather."

"Not at all. The 'G' with the small 't' stands for 'Gesellschaft,' which is the German for 'Company.' It is a customary contraction like our 'Co.' 'P,' of course, stands for 'Papier.' Now for the 'Eg.' Let us glance at our Continental Gazetteer." He took down a heavy brown volume from his shelves. "Egglow, Egglonitz--here we are, Egria. It is in a German-speaking country--in Bohemia, not far from Carlsbad. 'Remarkable as being the scene of the death of Wallenstein, and for its numerous glass-factories and paper-mills.' Ha, ha, my boy, what do you make of that?" His eyes sparkled, and he sent up a great blue triumphant cloud from his cigarette.

"The paper was made in Bohemia," I said.

"Precisely. And the man who wrote the note is a German. Do you note the peculiar construction of the sentence--'This account of you we have from all quarters received.' A Frenchman or Russian could not have written that. It is the German who is so uncourteous to his verbs. It only remains, therefore, to discover what is wanted by this German who writes upon Bohemian paper and prefers wearing a mask to showing his face. And here he comes, if I am not mistaken, to resolve all our doubts."

As he spoke there was the sharp sound of horses' hoofs and grating wheels against the curb, followed by a sharp pull at the bell. Holmes whistled.

"A pair, by the sound," said he. "Yes," he continued, glancing out of the window. "A nice little brougham and a pair of beauties. A hundred and fifty guineas apiece. There's money in this case, Watson, if there is nothing else."

"I think that I had better go, Holmes."

"Not a bit, Doctor. Stay where you are. I am lost without my Boswell. And this promises to be interesting. It would be a pity to miss it."

"But your client--"

"Never mind him. I may want your help, and so may he. Here he comes. Sit down in that armchair, Doctor, and give us your best attention."

A slow and heavy step, which had been heard upon the stairs and in the passage, paused immediately outside the door. Then there was a loud and authoritative tap.

"Come in!" said Holmes.

A man entered who could hardly have been less than six feet six inches in height, with the chest and limbs of a Hercules. His dress was rich with a richness which would, in England, be looked upon as akin to bad taste. Heavy bands of astrakhan were slashed across the sleeves and fronts of his double-breasted coat, while the deep blue cloak which was thrown over his shoulders was lined with flame-coloured silk and secured at the neck with a brooch which consisted of a single flaming beryl. Boots which extended halfway up his calves, and which were trimmed at the tops with rich brown fur, completed the impression of barbaric opulence which was suggested by his whole appearance. He carried a broad-brimmed hat in his hand, while he wore across the upper part of his face, extending down past the cheekbones, a black vizard mask, which he had apparently adjusted that very moment, for his hand was still raised to it as he entered. From the lower part of the face he appeared to be a man of strong character, with a thick, hanging lip, and a long, straight chin suggestive of resolution pushed to the length of obstinacy.

"You had my note?" he asked with a deep harsh voice and a strongly marked German accent. "I told you that I would call." He looked from one to the other of us, as if uncertain which to address.

"Pray take a seat," said Holmes. "This is my friend and colleague, Dr. Watson, who is occasionally good enough to help me in my cases. Whom have I the honour to address?"

"You may address me as the Count Von Kramm, a Bohemian nobleman. I understand that this gentleman, your friend, is a man of honour and discretion, whom I may trust with a matter of the most extreme importance. If not, I should much prefer to communicate with you alone."

I rose to go, but Holmes caught me by the wrist and pushed me back into my chair. "It is both, or none," said he. "You may say before this gentleman anything which you may say to me."

The Count shrugged his broad shoulders. "Then I must begin," said he, "by binding you both to absolute secrecy for two years; at the end of that time the matter will be of no importance. At present it is not too much to say that it is of such weight it may have an influence upon European history."

"I promise," said Holmes.

"And I."

"You will excuse this mask," continued our strange visitor. "The august person who employs me wishes his agent to be unknown to you, and I may confess at once that the title by which I have just called myself is not exactly my own."

"I was aware of it," said Holmes dryly.

"The circumstances are of great delicacy, and every precaution has to be taken to quench what might grow to be an immense scandal and seriously compromise one of the reigning families of Europe. To speak plainly, the matter implicates the great House of Ormstein, hereditary kings of Bohemia."

"I was also aware of that," murmured Holmes, settling himself down in his armchair and closing his eyes.

Our visitor glanced with some apparent surprise at the languid, lounging figure of the man who had been no doubt depicted to him as the most incisive reasoner and most energetic agent in Europe. Holmes slowly reopened his eyes

and looked impatiently at his gigantic client.

"If your Majesty would condescend to state your case," he remarked, "I should be better able to advise you."

The man sprang from his chair and paced up and down the room in uncontrollable agitation. Then, with a gesture of desperation, he tore the mask from his face and hurled it upon the ground. "You are right," he cried; "I am the King. Why should I attempt to conceal it?"

"Why, indeed?" murmured Holmes. "Your Majesty had not spoken before I was aware that I was addressing Wilhelm Gottsreich Sigismund von Ormstein, Grand Duke of Cassel-Felstein, and hereditary King of Bohemia."

"But you can understand," said our strange visitor, sitting down once more and passing his hand over his high white forehead, "you can understand that I am not accustomed to doing such business in my own person. Yet the matter was so delicate that I could not confide it to an agent without putting myself in his power. I have come incognito from Prague for the purpose of consulting you."

"Then, pray consult," said Holmes, shutting his eyes once more.

"The facts are briefly these: Some five years ago, during a lengthy visit to Warsaw, I made the acquaintance of the well-known adventuress, Irene Adler. The name is no doubt familiar to you."

"Kindly look her up in my index, Doctor," murmured Holmes without opening his eyes. For many years he had adopted a system of docketing all paragraphs concerning men and things, so that it was difficult to name a subject or a person on which he could not at once furnish information. In this case I found her biography sandwiched in between that of a Hebrew rabbi and that of a staff-commander who had written a monograph upon the deep-sea fishes.

"Let me see!" said Holmes. "Hum! Born in New Jersey in the year 1858. Contralto--hum! La Scala, hum! Prima donna Imperial Opera of Warsaw--yes! Retired from operatic stage--ha! Living in London--quite so! Your Majesty, as I understand, became entangled with this young person, wrote her some compromising letters, and is now desirous of getting those letters back."

"Precisely so. But how--"

"Was there a secret marriage?"

"None."

"No legal papers or certificates?"

"None."

"Then I fail to follow your Majesty. If this young person should produce her letters for blackmailing or other purposes, how is she to prove their authenticity?"

"There is the writing."

"Pooh, pooh! Forgery."

"My private note-paper."

"Stolen."

"My own seal."

"Imitated."

"My photograph."

"Bought."

"We were both in the photograph."

"Oh, dear! That is very bad! Your Majesty has indeed committed an indiscretion."

"I was mad--insane."

"You have compromised yourself seriously."

"I was only Crown Prince then. I was young. I am but thirty now."

"It must be recovered."

"We have tried and failed."

"Your Majesty must pay. It must be bought."

"She will not sell."

"Stolen, then."

"Five attempts have been made. Twice burglars in my pay ransacked her house. Once we diverted her luggage when she travelled. Twice she has been waylaid. There has been no result."

"On the contrary, Watson, you can see everything. You fail, however, to reason from what you see. You are too timid in drawing your inferences."

"Then, pray tell me what it is that you can infer from this hat?"

He picked it up and gazed at it in the peculiar introspective fashion which was characteristic of him. "It is perhaps less suggestive than it might have been," he remarked, "and yet there are a few inferences which are very distinct, and a few others which represent at least a strong balance of probability. That the man was highly intellectual is of course obvious upon the face of it, and also that he was fairly well-to-do within the last three years, although he has now fallen upon evil days. He had foresight, but has less now than formerly, pointing to a moral retrogression,

which, when taken with the decline of his fortunes, seems to indicate some evil influence, probably drink, at work upon him. This may account also for the obvious fact that his wife has ceased to love him."

"My dear Holmes!"

"He has, however, retained some degree of self-respect," he continued, disregarding my remonstrance. "He is a man who leads a sedentary life, goes out little, is out of training entirely, is middle-aged, has grizzled hair which he has had cut within the last few days, and which he anoints with lime-cream. These are the more patent facts which are to be deduced from his hat. Also, by the way, that it is extremely improbable that he has gas laid on in his house."

"You are certainly joking, Holmes."

"Not in the least. Is it possible that even now, when I give you these results, you are unable to see how they are attained?"

"I have no doubt that I am very stupid, but I must confess that I am unable to follow you. For example, how did you deduce that this man was intellectual?"

For answer Holmes clapped the hat upon his head. It came right over the forehead and settled upon the bridge of his nose. "It is a question of cubic capacity," said he; "a man with so large a brain must have something in it."

"The decline of his fortunes, then?"

"This hat is three years old. These flat brims curled at the edge came in then. It is a hat of the very best quality. Look at the band of ribbed silk and the excellent lining. If this man could afford to buy so expensive a hat three years ago, and has had no hat since, then he has assuredly gone down in the world."

"Well, that is clear enough, certainly. But how about the foresight and the moral retrogression?"

Sherlock Holmes laughed. "Here is the foresight," said he putting his finger upon the little disc and loop of the hat-securer. "They are never sold upon hats. If this man ordered one, it is a sign of a certain amount of foresight, since he went out of his way to take this precaution against the wind. But since we see that he has broken the elastic and has not troubled to replace it, it is obvious that he has less foresight now than formerly, which is a distinct proof of a weakening nature. On the other hand, he has endeavoured to conceal some of these stains upon the felt by daubing them with ink, which is a sign that he has not entirely lost his self-respect."

"Your reasoning is certainly plausible."

"The further points, that he is middle-aged, that his hair is grizzled, that it has been recently cut, and that he uses lime-cream, are all to be gathered from a close examination of the lower part of the lining. The lens discloses a large number of hair-ends, clean cut by the scissors of the barber. They all appear to be adhesive, and there is a distinct odour of lime-cream. This dust, you will observe, is not the gritty, grey dust of the street but the fluffy brown dust of the house, showing that it has been hung up indoors most of the time, while the marks of moisture upon the inside are proof positive that the wearer perspired very freely, and could therefore, hardly be in the best of training."

"But his wife--you said that she had ceased to love him."

"This hat has not been brushed for weeks. When I see you, my dear Watson, with a week's accumulation of dust

upon your hat, and when your wife allows you to go out in such a state, I shall fear that you also have been unfortunate enough to lose your wife's affection."

"But he might be a bachelor."

"Nay, he was bringing home the goose as a peace-offering to his wife. Remember the card upon the bird's leg."

"You have an answer to everything. But how on earth do you deduce that the gas is not laid on in his house?"

"One tallow stain, or even two, might come by chance; but when I see no less than five, I think that there can be little doubt that the individual must be brought into frequent contact with burning tallow--walks upstairs at night probably with his hat in one hand and a guttering candle in the other. Anyhow, he never got tallow-stains from a gas-jet. Are you satisfied?"

"Well, it is very ingenious," said I, laughing; "but since, as you said just now, there has been no crime committed, and no harm done save the loss of a goose, all this seems to be rather a waste of energy."

Sherlock Holmes had opened his mouth to reply, when the door flew open, and Peterson, the commissionaire, rushed into the apartment with flushed cheeks and the face of a man who is dazed with astonishment.

"The goose, Mr. Holmes! The goose, sir!" he gasped.

"Eh? What of it, then? Has it returned to life and flapped off through the kitchen window?" Holmes twisted himself round upon the sofa to get a fairer view of the man's excited face.

"See here, sir! See what my wife found in its crop!" He held out his hand and displayed upon the centre of the palm a brilliantly scintillating blue stone, rather smaller than a bean in size, but of such purity and radiance that it twinkled like an electric point in the dark hollow of his hand.

Sherlock Holmes sat up with a whistle. "By Jove, Peterson!" said he, "this is treasure trove indeed. I suppose you know what you have got?"

"A diamond, sir? A precious stone. It cuts into glass as though it were putty."

"It's more than a precious stone. It is the precious stone."

"Not the Countess of Morcar's blue carbuncle!" I ejaculated.

"Precisely so. I ought to know its size and shape, seeing that I have read the advertisement about it in *The Times* every day lately. It is absolutely unique, and its value can only be conjectured, but the reward offered of \$1000 is certainly not within a twentieth part of the market price."

"A thousand pounds! Great Lord of mercy!" The commissionaire plumped down into a chair and stared from one to the other of us.

"That is the reward, and I have reason to know that there are sentimental considerations in the background which would induce the Countess to part with half her fortune if she could but recover the gem."

"It was lost, if I remember aright, at the Hotel Cosmopolitan," I remarked.

"Precisely so, on December 22nd, just five days ago. John Horner, a plumber, was accused of having abstracted it from the lady's jewel-case. The evidence against him was so strong that the case has been referred to the Assizes. I have some account of the matter here, I believe." He rummaged amid his newspapers, glancing over the dates, until at last he smoothed one out, doubled it over, and read the following paragraph:

"Hotel Cosmopolitan Jewel Robbery. John Horner, 26, plumber, was brought up upon the charge of having upon the 22nd inst., abstracted from the jewel-case of the Countess of Morcar the valuable gem known as the blue carbuncle. James Ryder, upper-attendant at the hotel, gave his evidence to the effect that he had shown Horner up to the dressing-room of the Countess of Morcar upon the day of the robbery in order that he might solder the second bar of the grate, which was loose. He had remained with Horner some little time, but had finally been called away. On returning, he found that Horner had disappeared, that the bureau had been forced open, and that the small morocco casket in which, as it afterwards transpired, the Countess was accustomed to keep her jewel, was lying empty upon the dressing-table. Ryder instantly gave the alarm, and Horner was arrested the same evening; but the stone could not be found either upon his person or in his rooms. Catherine Cusack, maid to the Countess, deposed to having heard Ryder's cry of dismay on discovering the robbery, and to having rushed into the room, where she found matters as described by the last witness. Inspector Bradstreet, B division, gave evidence as to the arrest of Horner, who struggled frantically, and protested his innocence in the strongest terms. Evidence of a previous conviction for robbery having been given against the prisoner, the magistrate refused to deal summarily with the offence, but referred it to the Assizes. Horner, who had shown signs of intense emotion during the proceedings, fainted away at the conclusion and was carried out of court."

"Hum! So much for the police-court," said Holmes thoughtfully, tossing aside the paper. "The question for us now to solve is the sequence of events leading from a rifled jewel-case at one end to the crop of a goose in Tottenham Court Road at the other. You see, Watson, our little deductions have suddenly assumed a much more important and less innocent aspect. Here is the stone; the stone came from the goose, and the goose came from Mr. Henry Baker, the gentleman with the bad hat and all the other characteristics with which I have bored you. So now we must set ourselves very seriously to finding this gentleman and ascertaining what part he has played in this little mystery. To do this, we must try the simplest means first, and these lie undoubtedly in an advertisement in all the evening papers. If this fail, I shall have recourse to other methods."

"What will you say?"

"Give me a pencil and that slip of paper. Now, then: 'Found at the corner of Goodge Street, a goose and a black felt hat. Mr. Henry Baker can have the same by applying at 6:30 this evening at 221B, Baker Street.' That is clear and concise."

"Very. But will he see it?"

"Well, he is sure to keep an eye on the papers, since, to a poor man, the loss was a heavy one. He was clearly so scared by his mischance in breaking the window and by the approach of Peterson that he thought of nothing but flight, but since then he must have bitterly regretted the impulse which caused him to drop his bird. Then, again, the introduction of his name will cause him to see it, for everyone who knows him will direct his attention to it. Here you are, Peterson, run down to the advertising agency and have this put in the evening papers."

"In which, sir?"

"Oh, in the Globe, Star, Pall Mall, St. James's, Evening News, Standard, Echo, and any others that occur to you."

"Very well, sir. And this stone?"

"Ah, yes, I shall keep the stone. Thank you. And, I say, Peterson, just buy a goose on your way back and leave it here with me, for we must have one to give to this gentleman in place of the one which your family is now devouring."

When the commissionaire had gone, Holmes took up the stone and held it against the light. "It's a bonny thing," said he. "Just see how it glints and sparkles. Of course it is a nucleus and focus of crime. Every good stone is. They are the devil's pet baits. In the larger and older jewels every facet may stand for a bloody deed. This stone is not yet twenty years old. It was found in the banks of the Amoy River in southern China and is remarkable in having every characteristic of the carbuncle, save that it is blue in shade instead of ruby red. In spite of its youth, it has already a sinister history. There have been two murders, a vitriol-throwing, a suicide, and several robberies brought about for the sake of this forty-grain weight of crystallised charcoal. Who would think that so pretty a toy would be a purveyor to the gallows and the prison? I'll lock it up in my strong box now and drop a line to the Countess to say that we have it."

"Do you think that this man Horner is innocent?"

"I cannot tell."

"Well, then, do you imagine that this other one, Henry Baker, had anything to do with the matter?"

"It is, I think, much more likely that Henry Baker is an absolutely innocent man, who had no idea that the bird which he was carrying was of considerably more value than if it were made of solid gold. That, however, I shall determine by a very simple test if we have an answer to our advertisement."

"And you can do nothing until then?"

"Nothing."

"In that case I shall continue my professional round. But I shall come back in the evening at the hour you have mentioned, for I should like to see the solution of so tangled a business."

"Very glad to see you. I dine at seven. There is a woodcock, I believe. By the way, in view of recent occurrences, perhaps I ought to ask Mrs. Hudson to examine its crop."

I had been delayed at a case, and it was a little after half-past six when I found myself in Baker Street once more. As I approached the house I saw a tall man in a Scotch bonnet with a coat which was buttoned up to his chin waiting outside in the bright semicircle which was thrown from the fanlight. Just as I arrived the door was opened, and we were shown up together to Holmes' room.

"Mr. Henry Baker, I believe," said he, rising from his armchair and greeting his visitor with the easy air of geniality which he could so readily assume. "Pray take this chair by the fire, Mr. Baker. It is a cold night, and I observe that your circulation is more adapted for summer than for winter. Ah, Watson, you have just come at the right time. Is that your hat, Mr. Baker?"

"Yes, sir, that is undoubtedly my hat."

He was a large man with rounded shoulders, a massive head, and a broad, intelligent face, sloping down to a pointed beard of grizzled brown. A touch of red in nose and cheeks, with a slight tremor of his extended hand, recalled Holmes' surmise as to his habits. His rusty black frock-coat was buttoned right up in front, with the collar turned up, and his lank wrists protruded from his sleeves without a sign of cuff or shirt. He spoke in a slow staccato fashion, choosing his words with care, and gave the impression generally of a man of learning and letters who had had ill-usage at the hands of fortune.

"We have retained these things for some days," said Holmes, "because we expected to see an advertisement from you giving your address. I am at a loss to know now why you did not advertise."

Our visitor gave a rather shamefaced laugh. "Shillings have not been so plentiful with me as they once were," he remarked. "I had no doubt that the gang of roughs who assaulted me had carried off both my hat and the bird. I did not care to spend more money in a hopeless attempt at recovering them."

"Very naturally. By the way, about the bird, we were compelled to eat it."

"To eat it!" Our visitor half rose from his chair in his excitement.

"Yes, it would have been of no use to anyone had we not done so. But I presume that this other goose upon the sideboard, which is about the same weight and perfectly fresh, will answer your purpose equally well?"

"Oh, certainly, certainly," answered Mr. Baker with a sigh of relief.

"Of course, we still have the feathers, legs, crop, and so on of your own bird, so if you wish--"

The man burst into a hearty laugh. "They might be useful to me as relics of my adventure," said he, "but beyond that I can hardly see what use the disjecta membra of my late acquaintance are going to be to me. No, sir, I think that, with your permission, I will confine my attentions to the excellent bird which I perceive upon the sideboard."

Sherlock Holmes glanced sharply across at me with a slight shrug of his shoulders.

"There is your hat, then, and there your bird," said he. "By the way, would it bore you to tell me where you got the other one from? I am somewhat of a fowl fancier, and I have seldom seen a better grown goose."

"Certainly, sir," said Baker, who had risen and tucked his newly gained property under his arm. "There are a few of us who frequent the Alpha Inn, near the Museum--we are to be found in the Museum itself during the day, you understand. This year our good host, Windigate by name, instituted a goose club, by which, on consideration of some few pence every week, we were each to receive a bird at Christmas. My pence were duly paid, and the rest is familiar to you. I am much indebted to you, sir, for a Scotch bonnet is fitted neither to my years nor my gravity." With a comical pomposity of manner he bowed solemnly to both of us and strode off upon his way.

"So much for Mr. Henry Baker," said Holmes when he had closed the door behind him. "It is quite certain that he knows nothing whatever about the matter. Are you hungry, Watson?"

"Not particularly."

"Then I suggest that we turn our dinner into a supper and follow up this clue while it is still hot."

"By all means."

It was a bitter night, so we drew on our ulsters and wrapped cravats about our throats. Outside, the stars were shining coldly in a cloudless sky, and the breath of the passers-by blew out into smoke like so many pistol shots. Our footfalls rang out crisply and loudly as we swung through the doctors' quarter, Wimpole Street, Harley Street, and so through Wigmore Street into Oxford Street. In a quarter of an hour we were in Bloomsbury at the Alpha Inn, which is a small public-house at the corner of one of the streets which runs down into Holborn. Holmes pushed open the door of the private bar and ordered two glasses of beer from the ruddy-faced, white-aproned landlord.

"Your beer should be excellent if it is as good as your geese," said he.

"My geese!" The man seemed surprised.

"Yes. I was speaking only half an hour ago to Mr. Henry Baker, who was a member of your goose club."

"Ah! yes, I see. But you see, sir, them's not our geese."

"Indeed! Whose, then?"

"Well, I got the two dozen from a salesman in Covent Garden."

"Indeed? I know some of them. Which was it?"

"Breckinridge is his name."

"Ah! I don't know him. Well, here's your good health landlord, and prosperity to your house. Good-night."

"Now for Mr. Breckinridge," he continued, buttoning up his coat as we came out into the frosty air. "Remember, Watson that though we have so homely a thing as a goose at one end of this chain, we have at the other a man who will certainly get seven years' penal servitude unless we can establish his innocence. It is possible that our inquiry may but confirm his guilt; but, in any case, we have a line of investigation which has been missed by the police, and which a singular chance has placed in our hands. Let us follow it out to the bitter end. Faces to the south, then, and quick march!"

We passed across Holborn, down Endell Street, and so through a zigzag of slums to Covent Garden Market. One of the largest stalls bore the name of Breckinridge upon it, and the proprietor a horsey-looking man, with a sharp face and trim side-whiskers was helping a boy to put up the shutters.

"Good-evening. It's a cold night," said Holmes.

The salesman nodded and shot a questioning glance at my companion.

"Sold out of geese, I see," continued Holmes, pointing at the bare slabs of marble.

"Let you have five hundred to-morrow morning."

"That's no good."

"Well, there are some on the stall with the gas-flare."

"Ah, but I was recommended to you."

"Who by?"

"The landlord of the Alpha."

"Oh, yes; I sent him a couple of dozen."

"Fine birds they were, too. Now where did you get them from?"

To my surprise the question provoked a burst of anger from the salesman.

"Now, then, mister," said he, with his head cocked and his arms akimbo, "what are you driving at? Let's have it straight, now."

"It is straight enough. I should like to know who sold you the geese which you supplied to the Alpha."

"Well then, I shan't tell you. So now!"

"Oh, it is a matter of no importance; but I don't know why you should be so warm over such a trifle."

"Warm! You'd be as warm, maybe, if you were as pestered as I am. When I pay good money for a good article there should be an end of the business; but it's 'Where are the geese?' and 'Who did you sell the geese to?' and 'What will you take for the geese?' One would think they were the only geese in the world, to hear the fuss that is made over them."

"Well, I have no connection with any other people who have been making inquiries," said Holmes carelessly. "If you won't tell us the bet is off, that is all. But I'm always ready to back my opinion on a matter of fowls, and I have a fiver on it that the bird I ate is country bred."

"Well, then, you've lost your fiver, for it's town bred," snapped the salesman.

"It's nothing of the kind."

"I say it is."

"I don't believe it."

"D'you think you know more about fowls than I, who have handled them ever since I was a nipper? I tell you, all those birds that went to the Alpha were town bred."

"You'll never persuade me to believe that."

"Will you bet, then?"

"It's merely taking your money, for I know that I am right. But I'll have a sovereign on with you, just to teach you not to be obstinate."

The salesman chuckled grimly. "Bring me the books, Bill," said he.

The small boy brought round a small thin volume and a great greasy-backed one, laying them out together beneath the hanging lamp.

"Now then, Mr. Cocksure," said the salesman, "I thought that I was out of geese, but before I finish you'll find that there is still one left in my shop. You see this little book?"

"Well?"

"That's the list of the folk from whom I buy. D'you see? Well, then, here on this page are the country folk, and the numbers after their names are where their accounts are in the big ledger. Now, then! You see this other page in red ink? Well, that is a list of my town suppliers. Now, look at that third name. Just read it out to me."

"Mrs. Oakshott, 117, Brixton Road--249," read Holmes.

"Quite so. Now turn that up in the ledger."

Holmes turned to the page indicated. "Here you are, 'Mrs. Oakshott, 117, Brixton Road, egg and poultry supplier.'"

"Now, then, what's the last entry?"

" 'December 22nd. Twenty-four geese at 7s. 6d.' "

"Quite so. There you are. And underneath?"

" 'Sold to Mr. Windigate of the Alpha, at 12s.' "

"What have you to say now?"

Sherlock Holmes looked deeply chagrined. He drew a sovereign from his pocket and threw it down upon the slab, turning away with the air of a man whose disgust is too deep for words. A few yards off he stopped under a lamp-post and laughed in the hearty, noiseless fashion which was peculiar to him.

"When you see a man with whiskers of that cut and the 'Pink 'un' protruding out of his pocket, you can always draw him by a bet," said he. "I daresay that if I had put \$100 down in front of him, that man would not have given me such complete information as was drawn from him by the idea that he was doing me on a wager. Well, Watson, we are, I fancy, nearing the end of our quest, and the only point which remains to be determined is whether we should go on to this Mrs. Oakshott to-night, or whether we should reserve it for to-morrow. It is clear from what that surly fellow said that there are others besides ourselves who are anxious about the matter, and I should--"

His remarks were suddenly cut short by a loud hubbub which broke out from the stall which we had just left. Turning round we saw a little rat-faced fellow standing in the centre of the circle of yellow light which was thrown by the swinging lamp, while Breckinridge, the salesman, framed in the door of his stall, was shaking his fists

fiercely at the cringing figure.

"I've had enough of you and your geese," he shouted. "I wish you were all at the devil together. If you come pestering me any more with your silly talk I'll set the dog at you. You bring Mrs. Oakshott here and I'll answer her, but what have you to do with it? Did I buy the geese off you?"

"No; but one of them was mine all the same," whined the little man.

"Well, then, ask Mrs. Oakshott for it."

"She told me to ask you."

"Well, you can ask the King of Proosia, for all I care. I've had enough of it. Get out of this!" He rushed fiercely forward, and the inquirer flitted away into the darkness.

"Ha! this may save us a visit to Brixton Road," whispered Holmes. "Come with me, and we will see what is to be made of this fellow." Striding through the scattered knots of people who lounged round the flaring stalls, my companion speedily overtook the little man and touched him upon the shoulder. He sprang round, and I could see in the gas-light that every vestige of colour had been driven from his face.

"Who are you, then? What do you want?" he asked in a quavering voice.

"You will excuse me," said Holmes blandly, "but I could not help overhearing the questions which you put to the salesman just now. I think that I could be of assistance to you."

"You? Who are you? How could you know anything of the matter?"

"My name is Sherlock Holmes. It is my business to know what other people don't know."

"But you can know nothing of this?"

"Excuse me, I know everything of it. You are endeavouring to trace some geese which were sold by Mrs. Oakshott, of Brixton Road, to a salesman named Breckinridge, by him in turn to Mr. Windigate, of the Alpha, and by him to his club, of which Mr. Henry Baker is a member."

"Oh, sir, you are the very man whom I have longed to meet," cried the little fellow with outstretched hands and quivering fingers. "I can hardly explain to you how interested I am in this matter."

Sherlock Holmes hailed a four-wheeler which was passing. "In that case we had better discuss it in a cosy room rather than in this wind-swept market-place," said he. "But pray tell me, before we go farther, who it is that I have the pleasure of assisting."

The man hesitated for an instant. "My name is John Robinson," he answered with a sidelong glance.

"No, no; the real name," said Holmes sweetly. "It is always awkward doing business with an alias."

A flush sprang to the white cheeks of the stranger. "Well then," said he, "my real name is James Ryder."

"Precisely so. Head attendant at the Hotel Cosmopolitan. Pray step into the cab, and I shall soon be able to tell you everything which you would wish to know."

The little man stood glancing from one to the other of us with half-frightened, half-hopeful eyes, as one who is not sure whether he is on the verge of a windfall or of a catastrophe. Then he stepped into the cab, and in half an hour we were back in the sitting-room at Baker Street. Nothing had been said during our drive, but the high, thin breathing of our new companion, and the claspings and unclaspings of his hands, spoke of the nervous tension within him.

"Here we are!" said Holmes cheerily as we filed into the room. "The fire looks very seasonable in this weather. You look cold, Mr. Ryder. Pray take the basket-chair. I will just put on my slippers before we settle this little matter of yours. Now, then! You want to know what became of those geese?"

"Yes, sir."

"Or rather, I fancy, of that goose. It was one bird, I imagine in which you were interested--white, with a black bar across the tail."

Ryder quivered with emotion. "Oh, sir," he cried, "can you tell me where it went to?"

"It came here."

"Here?"

"Yes, and a most remarkable bird it proved. I don't wonder that you should take an interest in it. It laid an egg after it was dead--the bonniest, brightest little blue egg that ever was seen. I have it here in my museum."

Our visitor staggered to his feet and clutched the mantelpiece with his right hand. Holmes unlocked his strong-box and held up the blue carbuncle, which shone out like a star, with a cold, brilliant, many-pointed radiance. Ryder stood glaring with a drawn face, uncertain whether to claim or to disown it.

"The game's up, Ryder," said Holmes quietly. "Hold up, man, or you'll be into the fire! Give him an arm back into his chair, Watson. He's not got blood enough to go in for felony with impunity. Give him a dash of brandy. So! Now he looks a little more human. What a shrimp it is, to be sure!"

For a moment he had staggered and nearly fallen, but the brandy brought a tinge of colour into his cheeks, and he sat staring with frightened eyes at his accuser.

"I have almost every link in my hands, and all the proofs which I could possibly need, so there is little which you need tell me. Still, that little may as well be cleared up to make the case complete. You had heard, Ryder, of this blue stone of the Countess of Morcar's?"

"It was Catherine Cusack who told me of it," said he in a crackling voice.

"I see--her ladyship's waiting-maid. Well, the temptation of sudden wealth so easily acquired was too much for you, as it has been for better men before you; but you were not very scrupulous in the means you used. It seems to me, Ryder, that there is the making of a very pretty villain in you. You knew that this man Horner, the plumber, had been concerned in some such matter before, and that suspicion would rest the more readily upon him. What did you

do, then? You made some small job in my lady's room--you and your confederate Cusack--and you managed that he should be the man sent for. Then, when he had left, you rifled the jewel-case, raised the alarm, and had this unfortunate man arrested. You then--"

Ryder threw himself down suddenly upon the rug and clutched at my companion's knees. "For God's sake, have mercy!" he shrieked. "Think of my father! Of my mother! It would break their hearts. I never went wrong before! I never will again. I swear it. I'll swear it on a Bible. Oh, don't bring it into court! For Christ's sake, don't!"

"Get back into your chair!" said Holmes sternly. "It is very well to cringe and crawl now, but you thought little enough of this poor Horner in the dock for a crime of which he knew nothing."

"I will fly, Mr. Holmes. I will leave the country, sir. Then the charge against him will break down."

"Hum! We will talk about that. And now let us hear a true account of the next act. How came the stone into the goose, and how came the goose into the open market? Tell us the truth, for there lies your only hope of safety."

Ryder passed his tongue over his parched lips. "I will tell you it just as it happened, sir," said he. "When Horner had been arrested, it seemed to me that it would be best for me to get away with the stone at once, for I did not know at what moment the police might not take it into their heads to search me and my room. There was no place about the hotel where it would be safe. I went out, as if on some commission, and I made for my sister's house. She had married a man named Oakshott, and lived in Brixton Road, where she fattened fowls for the market. All the way there every man I met seemed to me to be a policeman or a detective; and, for all that it was a cold night, the sweat was pouring down my face before I came to the Brixton Road. My sister asked me what was the matter, and why I was so pale; but I told her that I had been upset by the jewel robbery at the hotel. Then I went into the back yard and smoked a pipe and wondered what it would be best to do.

"I had a friend once called Maudsley, who went to the bad, and has just been serving his time in Pentonville. One day he had met me, and fell into talk about the ways of thieves, and how they could get rid of what they stole. I knew that he would be true to me, for I knew one or two things about him; so I made up my mind to go right on to Kilburn, where he lived, and take him into my confidence. He would show me how to turn the stone into money. But how to get to him in safety? I thought of the agonies I had gone through in coming from the hotel. I might at any moment be seized and searched, and there would be the stone in my waistcoat pocket. I was leaning against the wall at the time and looking at the geese which were waddling about round my feet, and suddenly an idea came into my head which showed me how I could beat the best detective that ever lived.

"My sister had told me some weeks before that I might have the pick of her geese for a Christmas present, and I knew that she was always as good as her word. I would take my goose now, and in it I would carry my stone to Kilburn. There was a little shed in the yard, and behind this I drove one of the birds--a fine big one, white, with a barred tail. I caught it, and prying its bill open, I thrust the stone down its throat as far as my finger could reach. The bird gave a gulp, and I felt the stone pass along its gullet and down into its crop. But the creature flapped and struggled, and out came my sister to know what was the matter. As I turned to speak to her the brute broke loose and fluttered off among the others.

" 'Whatever were you doing with that bird, Jem?' says she.

" 'Well,' said I, 'you said you'd give me one for Christmas, and I was feeling which was the fattest.'

" 'Oh,' says she, 'we've set yours aside for you--Jem's bird, we call it. It's the big white one over yonder. There's

twenty-six of them, which makes one for you, and one for us, and two dozen for the market.'

" 'Thank you, Maggie,' says I; 'but if it is all the same to you, I'd rather have that one I was handling just now.'

" 'The other is a good three pound heavier,' said she, 'and we fattened it expressly for you.'

" 'Never mind. I'll have the other, and I'll take it now,' said I.

" 'Oh, just as you like,' said she, a little huffed. 'Which is it you want, then?'

" 'That white one with the barred tail, right in the middle of the flock.'

" 'Oh, very well. Kill it and take it with you.'

"Well, I did what she said, Mr. Holmes, and I carried the bird all the way to Kilburn. I told my pal what I had done, for he was a man that it was easy to tell a thing like that to. He laughed until he choked, and we got a knife and opened the goose. My heart turned to water, for there was no sign of the stone, and I knew that some terrible mistake had occurred. I left the bird, rushed back to my sister's, and hurried into the back yard. There was not a bird to be seen there.

" 'Where are they all, Maggie?' I cried.

" 'Gone to the dealer's, Jem.'

" 'Which dealer's?'

" 'Breckinridge, of Covent Garden.'

" 'But was there another with a barred tail?' I asked, 'the same as the one I chose?'

" 'Yes, Jem; there were two barred-tailed ones, and I could never tell them apart.'

"Well, then, of course I saw it all, and I ran off as hard as my feet would carry me to this man Breckinridge; but he had sold the lot at once, and not one word would he tell me as to where they had gone. You heard him yourselves to-night. Well, he has always answered me like that. My sister thinks that I am going mad. Sometimes I think that I am myself. And now--and now I am myself a branded thief, without ever having touched the wealth for which I sold my character. God help me! God help me!" He burst into convulsive sobbing, with his face buried in his hands.

There was a long silence, broken only by his heavy breathing and by the measured tapping of Sherlock Holmes' finger-tips upon the edge of the table. Then my friend rose and threw open the door.

"Get out!" said he.

"What, sir! Oh, Heaven bless you!"

"No more words. Get out!"

And no more words were needed. There was a rush, a clatter upon the stairs, the bang of a door, and the crisp rattle

of running footfalls from the street.

"After all, Watson," said Holmes, reaching up his hand for his clay pipe, "I am not retained by the police to supply their deficiencies. If Horner were in danger it would be another thing; but this fellow will not appear against him, and the case must collapse. I suppose that I am commuting a felony, but it is just possible that I am saving a soul. This fellow will not go wrong again; he is too terribly frightened. Send him to gaol now, and you make him a gaol-bird for life. Besides, it is the season of forgiveness. Chance has put in our way a most singular and whimsical problem, and its solution is its own reward. If you will have the goodness to touch the bell, Doctor, we will begin another investigation, in which, also a bird will be the chief feature."

VIII. THE ADVENTURE OF THE SPECKLED BAND

On glancing over my notes of the seventy odd cases in which I have during the last eight years studied the methods of my friend Sherlock Holmes, I find many tragic, some comic, a large number merely strange, but none commonplace; for, working as he did rather for the love of his art than for the acquirement of wealth, he refused to associate himself with any investigation which did not tend towards the unusual, and even the fantastic. Of all these varied cases, however, I cannot recall any which presented more singular features than that which was associated with the well-known Surrey family of the Roylotts of Stoke Moran. The events in question occurred in the early days of my association with Holmes, when we were sharing rooms as bachelors in Baker Street. It is possible that I might have placed them upon record before, but a promise of secrecy was made at the time, from which I have only been freed during the last month by the untimely death of the lady to whom the pledge was given. It is perhaps as well that the facts should now come to light, for I have reasons to know that there are widespread rumours as to the death of Dr. Grimesby Roylott which tend to make the matter even more terrible than the truth.

It was early in April in the year '83 that I woke one morning to find Sherlock Holmes standing, fully dressed, by the side of my bed. He was a late riser, as a rule, and as the clock on the mantelpiece showed me that it was only a quarter-past seven, I blinked up at him in some surprise, and perhaps just a little resentment, for I was myself regular in my habits.

"Very sorry to knock you up, Watson," said he, "but it's the common lot this morning. Mrs. Hudson has been knocked up, she retorted upon me, and I on you."

"What is it, then--a fire?"

"No; a client. It seems that a young lady has arrived in a considerable state of excitement, who insists upon seeing me. She is waiting now in the sitting-room. Now, when young ladies wander about the metropolis at this hour of the morning, and knock sleepy people up out of their beds, I presume that it is something very pressing which they have to communicate. Should it prove to be an interesting case, you would, I am sure, wish to follow it from the outset. I thought, at any rate, that I should call you and give you the chance."

"My dear fellow, I would not miss it for anything."

I had no keener pleasure than in following Holmes in his professional investigations, and in admiring the rapid deductions, as swift as intuitions, and yet always founded on a logical basis with which he unravelled the problems which were submitted to him. I rapidly threw on my clothes and was ready in a few minutes to accompany my friend down to the sitting-room. A lady dressed in black and heavily veiled, who had been sitting in the window, rose as we entered.

"Good-morning, madam," said Holmes cheerily. "My name is Sherlock Holmes. This is my intimate friend and associate, Dr. Watson, before whom you can speak as freely as before myself. Ha! I am glad to see that Mrs. Hudson has had the good sense to light the fire. Pray draw up to it, and I shall order you a cup of hot coffee, for I observe that you are shivering."

"It is not cold which makes me shiver," said the woman in a low voice, changing her seat as requested.

"What, then?"

"It is fear, Mr. Holmes. It is terror." She raised her veil as she spoke, and we could see that she was indeed in a pitiable state of agitation, her face all drawn and grey, with restless frightened eyes, like those of some hunted animal. Her features and figure were those of a woman of thirty, but her hair was shot with premature grey, and her expression was weary and haggard. Sherlock Holmes ran her over with one of his quick, all-comprehensive glances.

"You must not fear," said he soothingly, bending forward and patting her forearm. "We shall soon set matters right, I have no doubt. You have come in by train this morning, I see."

"You know me, then?"

"No, but I observe the second half of a return ticket in the palm of your left glove. You must have started early, and yet you had a good drive in a dog-cart, along heavy roads, before you reached the station."

The lady gave a violent start and stared in bewilderment at my companion.

"There is no mystery, my dear madam," said he, smiling. "The left arm of your jacket is spattered with mud in no less than seven places. The marks are perfectly fresh. There is no vehicle save a dog-cart which throws up mud in that way, and then only when you sit on the left-hand side of the driver."

"Whatever your reasons may be, you are perfectly correct," said she. "I started from home before six, reached Leatherhead at twenty past, and came in by the first train to Waterloo. Sir, I can stand this strain no longer; I shall go mad if it continues. I have no one to turn to--none, save only one, who cares for me, and he, poor fellow, can be of little aid. I have heard of you, Mr. Holmes; I have heard of you from Mrs. Farintosh, whom you helped in the hour of her sore need. It was from her that I had your address. Oh, sir, do you not think that you could help me, too, and at least throw a little light through the dense darkness which surrounds me? At present it is out of my power to reward you for your services, but in a month or six weeks I shall be married, with the control of my own income, and then at least you shall not find me ungrateful."

Holmes turned to his desk and, unlocking it, drew out a small case-book, which he consulted.

"Farintosh," said he. "Ah yes, I recall the case; it was concerned with an opal tiara. I think it was before your time, Watson. I can only say, madam, that I shall be happy to devote the same care to your case as I did to that of your friend. As to reward, my profession is its own reward; but you are at liberty to defray whatever expenses I may be put to, at the time which suits you best. And now I beg that you will lay before us everything that may help us in forming an opinion upon the matter."

"Alas!" replied our visitor, "the very horror of my situation lies in the fact that my fears are so vague, and my suspicions depend so entirely upon small points, which might seem trivial to another, that even he to whom of all

others I have a right to look for help and advice looks upon all that I tell him about it as the fancies of a nervous woman. He does not say so, but I can read it from his soothing answers and averted eyes. But I have heard, Mr. Holmes, that you can see deeply into the manifold wickedness of the human heart. You may advise me how to walk amid the dangers which encompass me."

"I am all attention, madam."

"My name is Helen Stoner, and I am living with my stepfather, who is the last survivor of one of the oldest Saxon families in England, the Royslotts of Stoke Moran, on the western border of Surrey."

Holmes nodded his head. "The name is familiar to me," said he.

"I have very little difficulty in finding what I want," said I, "for the facts are quite recent, and the matter struck me as remarkable. I feared to refer them to you, however, as I knew that you had an inquiry on hand and that you disliked the intrusion of other matters."

"Oh, you mean the little problem of the Grosvenor Square furniture van. That is quite cleared up now--though, indeed, it was obvious from the first. Pray give me the results of your newspaper selections."

"Here is the first notice which I can find. It is in the personal column of the Morning Post, and dates, as you see, some weeks back: 'A marriage has been arranged,' it says, 'and will, if rumour is correct, very shortly take place, between Lord Robert St. Simon, second son of the Duke of Balmoral, and Miss Hatty Doran, the only daughter of Aloysius Doran. Esq., of San Francisco, Cal., U.S.A.' That is all."

"Terse and to the point," remarked Holmes, stretching his long, thin legs towards the fire.

"There was a paragraph amplifying this in one of the society papers of the same week. Ah, here it is: 'There will soon be a call for protection in the marriage market, for the present free-trade principle appears to tell heavily against our home product. One by one the management of the noble houses of Great Britain is passing into the hands of our fair cousins from across the Atlantic. An important addition has been made during the last week to the list of the prizes which have been borne away by these charming invaders. Lord St. Simon, who has shown himself for over twenty years proof against the little god's arrows, has now definitely announced his approaching marriage with Miss Hatty Doran, the fascinating daughter of a California millionaire. Miss Doran, whose graceful figure and striking face attracted much attention at the Westbury House festivities, is an only child, and it is currently reported that her dowry will run to considerably over the six figures, with expectancies for the future. As it is an open secret that the Duke of Balmoral has been compelled to sell his pictures within the last few years, and as Lord St. Simon has no property of his own save the small estate of Birchmoor, it is obvious that the Californian heiress is not the only gainer by an alliance which will enable her to make the easy and common transition from a Republican lady to a British peeress.' "

"Anything else?" asked Holmes, yawning.

"Oh, yes; plenty. Then there is another note in the Morning Post to say that the marriage would be an absolutely quiet one, that it would be at St. George's, Hanover Square, that only half a dozen intimate friends would be invited, and that the party would return to the furnished house at Lancaster Gate which has been taken by Mr. Aloysius Doran. Two days later--that is, on Wednesday last--there is a curt announcement that the wedding had taken place,

and that the honeymoon would be passed at Lord Backwater's place, near Petersfield. Those are all the notices which appeared before the disappearance of the bride."

"Before the what?" asked Holmes with a start.

"The vanishing of the lady."

"When did she vanish, then?"

"At the wedding breakfast."

"Indeed. This is more interesting than it promised to be; quite dramatic, in fact."

"Yes; it struck me as being a little out of the common."

"They often vanish before the ceremony, and occasionally during the honeymoon; but I cannot call to mind anything quite so prompt as this. Pray let me have the details."

"I warn you that they are very incomplete."

"Perhaps we may make them less so."

"Such as they are, they are set forth in a single article of a morning paper of yesterday, which I will read to you. It is headed, 'Singular Occurrence at a Fashionable Wedding':

"The family of Lord Robert St. Simon has been thrown into the greatest consternation by the strange and painful episodes which have taken place in connection with his wedding. The ceremony, as shortly announced in the papers of yesterday, occurred on the previous morning; but it is only now that it has been possible to confirm the strange rumours which have been so persistently floating about. In spite of the attempts of the friends to hush the matter up, so much public attention has now been drawn to it that no good purpose can be served by affecting to disregard what is a common subject for conversation.

"The ceremony, which was performed at St. George's, Hanover Square, was a very quiet one, no one being present save the father of the bride, Mr. Aloysius Doran, the Duchess of Balmoral, Lord Backwater, Lord Eustace and Lady Clara St. Simon (the younger brother and sister of the bridegroom), and Lady Alicia Whittington. The whole party proceeded afterwards to the house of Mr. Aloysius Doran, at Lancaster Gate, where breakfast had been prepared. It appears that some little trouble was caused by a woman, whose name has not been ascertained, who endeavoured to force her way into the house after the bridal party, alleging that she had some claim upon Lord St. Simon. It was only after a painful and prolonged scene that she was ejected by the butler and the footman. The bride, who had fortunately entered the house before this unpleasant interruption, had sat down to breakfast with the rest, when she complained of a sudden indisposition and retired to her room. Her prolonged absence having caused some comment, her father followed her, but learned from her maid that she had only come up to her chamber for an instant, caught up an ulster and bonnet, and hurried down to the passage. One of the footmen declared that he had seen a lady leave the house thus appalled, but had refused to credit that it was his mistress, believing her to be with the company. On ascertaining that his daughter had disappeared, Mr. Aloysius Doran, in conjunction with the bridegroom, instantly put themselves in communication with the police, and very energetic inquiries are being made, which will probably result in a speedy clearing up of this very singular business. Up to a late hour last night, however, nothing had transpired as to the whereabouts of the missing lady. There are rumours of foul play in the matter, and it is said that

the police have caused the arrest of the woman who had caused the original disturbance, in the belief that, from jealousy or some other motive, she may have been concerned in the strange disappearance of the bride.' "

"And is that all?"

"Only one little item in another of the morning papers, but it is a suggestive one."

"And it is--"

"That Miss Flora Millar, the lady who had caused the disturbance, has actually been arrested. It appears that she was formerly a danseuse at the Allegro, and that she has known the bridegroom for some years. There are no further particulars, and the whole case is in your hands now--so far as it has been set forth in the public press."

"And an exceedingly interesting case it appears to be. I would not have missed it for worlds. But there is a ring at the bell, Watson, and as the clock makes it a few minutes after four, I have no doubt that this will prove to be our noble client. Do not dream of going, Watson, for I very much prefer having a witness, if only as a check to my own memory."

"Lord Robert St. Simon," announced our page-boy, throwing open the door. A gentleman entered, with a pleasant, cultured face, high-nosed and pale, with something perhaps of petulance about the mouth, and with the steady, well-opened eye of a man whose pleasant lot it had ever been to command and to be obeyed. His manner was brisk, and yet his general appearance gave an undue impression of age, for he had a slight forward stoop and a little bend of the knees as he walked. His hair, too, as he swept off his very curly-brimmed hat, was grizzled round the edges and thin upon the top. As to his dress, it was careful to the verge of foppishness, with high collar, black frock-coat, white waistcoat, yellow gloves, patent-leather shoes, and light-coloured gaiters. He advanced slowly into the room, turning his head from left to right, and swinging in his right hand the cord which held his golden eyeglasses.

"Good-day, Lord St. Simon," said Holmes, rising and bowing. "Pray take the basket-chair. This is my friend and colleague, Dr. Watson. Draw up a little to the fire, and we will talk this matter over."

"A most painful matter to me, as you can most readily imagine, Mr. Holmes. I have been cut to the quick. I understand that you have already managed several delicate cases of this sort, sir, though I presume that they were hardly from the same class of society."

"No, I am descending."

"I beg pardon."

"My last client of the sort was a king."

"Oh, really! I had no idea. And which king?"

"The King of Scandinavia."

"What! Had he lost his wife?"

"You can understand," said Holmes suavely, "that I extend to the affairs of my other clients the same secrecy which I promise to you in yours."

"Of course! Very right! very right! I'm sure I beg pardon. As to my own case, I am ready to give you any information which may assist you in forming an opinion."

"Thank you. I have already learned all that is in the public prints, nothing more. I presume that I may take it as correct--this article, for example, as to the disappearance of the bride."

Lord St. Simon glanced over it. "Yes, it is correct, as far as it goes."

"But it needs a great deal of supplementing before anyone could offer an opinion. I think that I may arrive at my facts most directly by questioning you."

"Pray do so."

"When did you first meet Miss Hatty Doran?"

"In San Francisco, a year ago."

"You were travelling in the States?"

"Yes."

"Did you become engaged then?"

"No."

"But you were on a friendly footing?"

"I was amused by her society, and she could see that I was amused."

"Her father is very rich?"

"He is said to be the richest man on the Pacific slope."

"And how did he make his money?"

"In mining. He had nothing a few years ago. Then he struck gold, invested it, and came up by leaps and bounds."

"Now, what is your own impression as to the young lady's--your wife's character?"

The nobleman swung his glasses a little faster and stared down into the fire. "You see, Mr. Holmes," said he, "my wife was twenty before her father became a rich man. During that time she ran free in a mining camp and wandered through woods or mountains, so that her education has come from Nature rather than from the schoolmaster. She is what we call in England a tomboy, with a strong nature, wild and free, unfettered by any sort of traditions. She is impetuous--volcanic, I was about to say. She is swift in making up her mind and fearless in carrying out her resolutions. On the other hand, I would not have given her the name which I have the honour to bear"--he gave a little stately cough--"had I not thought her to be at bottom a noble woman. I believe that she is capable of heroic self-sacrifice and that anything dishonourable would be repugnant to her."

"Have you her photograph?"

"I brought this with me." He opened a locket and showed us the full face of a very lovely woman. It was not a photograph but an ivory miniature, and the artist had brought out the full effect of the lustrous black hair, the large dark eyes, and the exquisite mouth. Holmes gazed long and earnestly at it. Then he closed the locket and handed it back to Lord St. Simon.

"The young lady came to London, then, and you renewed your acquaintance?"

"Yes, her father brought her over for this last London season. I met her several times, became engaged to her, and have now married her."

"She brought, I understand, a considerable dowry?"

"A fair dowry. Not more than is usual in my family."

"And this, of course, remains to you, since the marriage is a fait accompli?"

"I really have made no inquiries on the subject."

"Very naturally not. Did you see Miss Doran on the day before the wedding?"

"Yes."

"Was she in good spirits?"

"Never better. She kept talking of what we should do in our future lives."

"Indeed! That is very interesting. And on the morning of the wedding?"

"She was as bright as possible--at least until after the ceremony."

"And did you observe any change in her then?"

"Well, to tell the truth, I saw then the first signs that I had ever seen that her temper was just a little sharp. The incident however, was too trivial to relate and can have no possible bearing upon the case."

"Pray let us have it, for all that."

"Oh, it is childish. She dropped her bouquet as we went towards the vestry. She was passing the front pew at the time, and it fell over into the pew. There was a moment's delay, but the gentleman in the pew handed it up to her again, and it did not appear to be the worse for the fall. Yet when I spoke to her of the matter, she answered me abruptly; and in the carriage, on our way home, she seemed absurdly agitated over this trifling cause."

"Indeed! You say that there was a gentleman in the pew. Some of the general public were present, then?"

"Oh, yes. It is impossible to exclude them when the church is open."

"This gentleman was not one of your wife's friends?"

"No, no; I call him a gentleman by courtesy, but he was quite a common-looking person. I hardly noticed his appearance. But really I think that we are wandering rather far from the point."

"Lady St. Simon, then, returned from the wedding in a less cheerful frame of mind than she had gone to it. What did she do on re-entering her father's house?"

"I saw her in conversation with her maid."

"And who is her maid?"

"Alice is her name. She is an American and came from California with her."

"A confidential servant?"

"A little too much so. It seemed to me that her mistress allowed her to take great liberties. Still, of course, in America they look upon these things in a different way."

"How long did she speak to this Alice?"

"Oh, a few minutes. I had something else to think of."

"You did not overhear what they said?"

"Lady St. Simon said something about 'jumping a claim.' She was accustomed to use slang of the kind. I have no idea what she meant."

"American slang is very expressive sometimes. And what did your wife do when she finished speaking to her maid?"

"She walked into the breakfast-room."

"On your arm?"

"No, alone. She was very independent in little matters like that. Then, after we had sat down for ten minutes or so, she rose hurriedly, muttered some words of apology, and left the room. She never came back."

"But this maid, Alice, as I understand, deposes that she went to her room, covered her bride's dress with a long ulster, put on a bonnet, and went out."

"Quite so. And she was afterwards seen walking into Hyde Park in company with Flora Millar, a woman who is now in custody, and who had already made a disturbance at Mr. Doran's house that morning."

"Ah, yes. I should like a few particulars as to this young lady, and your relations to her."

Lord St. Simon shrugged his shoulders and raised his eyebrows. "We have been on a friendly footing for some

years--I may say on a very friendly footing. She used to be at the Allegro. I have not treated her ungenerously, and she had no just cause of complaint against me, but you know what women are, Mr. Holmes. Flora was a dear little thing, but exceedingly hot-headed and devotedly attached to me. She wrote me dreadful letters when she heard that I was about to be married, and, to tell the truth, the reason why I had the marriage celebrated so quietly was that I feared lest there might be a scandal in the church. She came to Mr. Doran's door just after we returned, and she endeavoured to push her way in, uttering very abusive expressions towards my wife, and even threatening her, but I had foreseen the possibility of something of the sort, and I had two police fellows there in private clothes, who soon pushed her out again. She was quiet when she saw that there was no good in making a row."

"Did your wife hear all this?"

"No, thank goodness, she did not."

"And she was seen walking with this very woman afterwards?"

"Yes. That is what Mr. Lestrade, of Scotland Yard, looks upon as so serious. It is thought that Flora decoyed my wife out and laid some terrible trap for her."

"Well, it is a possible supposition."

"You think so, too?"

"I did not say a probable one. But you do not yourself look upon this as likely?"

"I do not think Flora would hurt a fly."

"Still, jealousy is a strange transformer of characters. Pray what is your own theory as to what took place?"

"Well, really, I came to seek a theory, not to propound one. I have given you all the facts. Since you ask me, however, I may say that it has occurred to me as possible that the excitement of this affair, the consciousness that she had made so immense a social stride, had the effect of causing some little nervous disturbance in my wife."

"In short, that she had become suddenly deranged?"

"Well, really, when I consider that she has turned her back--I will not say upon me, but upon so much that many have aspired to without success--I can hardly explain it in any other fashion."

"Well, certainly that is also a conceivable hypothesis," said Holmes, smiling. "And now, Lord St. Simon, I think that I have nearly all my data. May I ask whether you were seated at the breakfast-table so that you could see out of the window?"

"We could see the other side of the road and the Park."

"Quite so. Then I do not think that I need to detain you longer. I shall communicate with you."

"Should you be fortunate enough to solve this problem," said our client, rising.

"I have solved it."

"Eh? What was that?"

"I say that I have solved it."

"Where, then, is my wife?"

"That is a detail which I shall speedily supply."

Lord St. Simon shook his head. "I am afraid that it will take wiser heads than yours or mine," he remarked, and bowing in a stately, old-fashioned manner he departed.

"It is very good of Lord St. Simon to honour my head by putting it on a level with his own," said Sherlock Holmes, laughing. "I think that I shall have a whisky and soda and a cigar after all this cross-questioning. I had formed my conclusions as to the case before our client came into the room."

"My dear Holmes!"

"I have notes of several similar cases, though none, as I remarked before, which were quite as prompt. My whole examination served to turn my conjecture into a certainty. Circumstantial evidence is occasionally very convincing, as when you find a trout in the milk, to quote Thoreau's example."

"But I have heard all that you have heard."

"Without, however, the knowledge of pre-existing cases which serves me so well. There was a parallel instance in Aberdeen some years back, and something on very much the same lines at Munich the year after the Franco-Prussian War. It is one of these cases--but, hullo, here is Lestrade! Good-afternoon, Lestrade! You will find an extra tumbler upon the sideboard, and there are cigars in the box."

The official detective was attired in a pea-jacket and cravat, which gave him a decidedly nautical appearance, and he carried a black canvas bag in his hand. With a short greeting he seated himself and lit the cigar which had been offered to him.

"What's up, then?" asked Holmes with a twinkle in his eye. "You look dissatisfied."

"And I feel dissatisfied. It is this infernal St. Simon marriage case. I can make neither head nor tail of the business."

"Really! You surprise me."

"Who ever heard of such a mixed affair? Every clue seems to slip through my fingers. I have been at work upon it all day."

"And very wet it seems to have made you," said Holmes laying his hand upon the arm of the pea-jacket.

"Yes, I have been dragging the Serpentine."

"In heaven's name, what for?"

"In search of the body of Lady St. Simon."

Sherlock Holmes leaned back in his chair and laughed heartily.

"Have you dragged the basin of Trafalgar Square fountain?" he asked.

"Why? What do you mean?"

"Because you have just as good a chance of finding this lady in the one as in the other."

Lestrade shot an angry glance at my companion. "I suppose you know all about it," he snarled.

"Well, I have only just heard the facts, but my mind is made up."

"Oh, indeed! Then you think that the Serpentine plays no part in the matter?"

"I think it very unlikely."

"Then perhaps you will kindly explain how it is that we found this in it?" He opened his bag as he spoke, and tumbled onto the floor a wedding-dress of watered silk, a pair of white satin shoes and a bride's wreath and veil, all discoloured and soaked in water. "There," said he, putting a new wedding-ring upon the top of the pile. "There is a little nut for you to crack, Master Holmes."

"Oh, indeed!" said my friend, blowing blue rings into the air. "You dragged them from the Serpentine?"

"No. They were found floating near the margin by a park-keeper. They have been identified as her clothes, and it seemed to me that if the clothes were there the body would not be far off."

"By the same brilliant reasoning, every man's body is to be found in the neighbourhood of his wardrobe. And pray what did you hope to arrive at through this?"

"At some evidence implicating Flora Millar in the disappearance."

"I am afraid that you will find it difficult."

"Are you, indeed, now?" cried Lestrade with some bitterness. "I am afraid, Holmes, that you are not very practical with your deductions and your inferences. You have made two blunders in as many minutes. This dress does implicate Miss Flora Millar."

"And how?"

"In the dress is a pocket. In the pocket is a card-case. In the card-case is a note. And here is the very note." He slapped it down upon the table in front of him. "Listen to this: 'You will see me when all is ready. Come at once. F. H. M.' Now my theory all along has been that Lady St. Simon was decoyed away by Flora Millar, and that she, with confederates, no doubt, was responsible for her disappearance. Here, signed with her initials, is the very note which was no doubt quietly slipped into her hand at the door and which lured her within their reach."

"Very good, Lestrade," said Holmes, laughing. "You really are very fine indeed. Let me see it." He took up the paper

in a listless way, but his attention instantly became riveted, and he gave a little cry of satisfaction. "This is indeed important," said he.

"Ha! you find it so?"

"Extremely so. I congratulate you warmly."

Lestrade rose in his triumph and bent his head to look. "Why," he shrieked, "you're looking at the wrong side!"

"On the contrary, this is the right side."

"The right side? You're mad! Here is the note written in pencil over here."

"And over here is what appears to be the fragment of a hotel bill, which interests me deeply."

"There's nothing in it. I looked at it before," said Lestrade. " 'Oct. 4th, rooms 8s., breakfast 2s. 6d., cocktail 1s., lunch 2s. 6d., glass sherry, 8d.' I see nothing in that."

"Very likely not. It is most important, all the same. As to the note, it is important also, or at least the initials are, so I congratulate you again."

"I've wasted time enough," said Lestrade, rising. "I believe in hard work and not in sitting by the fire spinning fine theories. Good-day, Mr. Holmes, and we shall see which gets to the bottom of the matter first." He gathered up the garments, thrust them into the bag, and made for the door.

"Just one hint to you, Lestrade," drawled Holmes before his rival vanished; "I will tell you the true solution of the matter. Lady St. Simon is a myth. There is not, and there never has been, any such person."

Lestrade looked sadly at my companion. Then he turned to me, tapped his forehead three times, shook his head solemnly, and hurried away.

He had hardly shut the door behind him when Holmes rose to put on his overcoat. "There is something in what the fellow says about outdoor work," he remarked, "so I think, Watson, that I must leave you to your papers for a little."

It was after five o'clock when Sherlock Holmes left me, but I had no time to be lonely, for within an hour there arrived a confectioner's man with a very large flat box. This he unpacked with the help of a youth whom he had brought with him, and presently, to my very great astonishment, a quite epicurean little cold supper began to be laid out upon our humble lodging-house mahogany. There were a couple of brace of cold woodcock, a pheasant, a pate de foie gras pie with a group of ancient and cobwebby bottles. Having laid out all these luxuries, my two visitors vanished away, like the genii of the Arabian Nights, with no explanation save that the things had been paid for and were ordered to this address.

Just before nine o'clock Sherlock Holmes stepped briskly into the room. His features were gravely set, but there was a light in his eye which made me think that he had not been disappointed in his conclusions.

"They have laid the supper, then," he said, rubbing his hands.

"You seem to expect company. They have laid for five."

"Yes, I fancy we may have some company dropping in," said he. "I am surprised that Lord St. Simon has not already arrived. Ha! I fancy that I hear his step now upon the stairs."

It was indeed our visitor of the afternoon who came bustling in, dangling his glasses more vigorously than ever, and with a very perturbed expression upon his aristocratic features.

To conserve the patient's strength by preventing or diminishing the severity of the spasms, he should be placed in a quiet room, and every form of disturbance avoided. Sedatives, such as bromides, paraldehyde, or opium, must be given in large doses. Chloral is perhaps the best, and the patient should rarely have less than 150 grains in twenty-four hours. When he is unable to swallow, it should be given by the rectum. The administration of chloroform is of value in conserving the strength of the patient, by abolishing the spasms, and enabling the attendants to administer nourishment or drugs either through a stomach tube or by the rectum. Extreme elevation of temperature is met by tepid sponging. It is necessary to use the catheter if retention of urine occurs.

HYDROPHOBIA

Hydrophobia is an acute infective disease following on the bite of a rabid animal. It most commonly follows the bite or lick of a rabid dog or cat. The virus appears to be communicated through the saliva of the animal, and to show a marked affinity for nerve tissues; and the disease is most likely to develop when the patient is infected on the face or other uncovered part, or in a part richly endowed with nerves.

A dog which has bitten a person should on no account be killed until its condition has been proved one way or the other. Should rabies develop and its destruction become necessary, the head and spinal cord should be retained and forwarded, packed in ice, to a competent observer. Much anxiety to the person bitten and to his friends would be avoided if these rules were observed, because in many cases it will be shown that the animal did not after all suffer from rabies, and that the patient consequently runs no risk. If, on the other hand, rabies is proved to be present, the patient should be submitted to the Pasteur treatment.

Clinical Features.--There is almost always a history of the patient having been bitten or licked by an animal supposed to suffer from rabies. The incubation period averages about forty days, but varies from a fortnight to seven or eight months, and is shorter in young than in old persons. The original wound has long since healed, and beyond a slight itchiness or pain shooting along the nerves of the part, shows no sign of disturbance. A few days of general malaise, with chills and

giddiness precede the onset of the acute manifestations, which affect chiefly the muscles of deglutition and respiration. One of the earliest signs is that the patient has periodically a sudden catch in his breathing "resembling what often occurs when a person goes into a cold bath." This is due to spasm of the diaphragm, and is frequently accompanied by a loud-sounding hiccough, likened by the laity to the barking of a dog. Difficulty in swallowing fluids may be the first symptom.

The spasms rapidly spread to all the muscles of deglutition and respiration, so that the patient not only has the greatest difficulty in swallowing, but has a constant sense of impending suffocation. To add to his distress, a copious secretion of viscid saliva fills his mouth. Any voluntary effort, as well as all forms of external stimuli, only serve to aggravate the spasms which are always induced by the attempt to swallow fluid, or even by the sound of running water.

The temperature is raised; the pulse is small, rapid, and intermittent; and the urine may contain sugar and albumen.

The mind may remain clear to the end, or the patient may have delusions, supposing himself to be surrounded by terrifying forms. There is always extreme mental agitation and despair, and the sufferer is in constant fear of his impending fate. Happily the inevitable issue is not long delayed, death usually occurring in from two to four days from the onset. The symptoms of the disease are so characteristic that there is no difficulty in diagnosis. The only condition with which it is liable to be confused is the variety of cephalic tetanus in which the muscles of deglutition are specially involved--the so-called tetanus hydrophobicus.

Prophylaxis.--The bite of an animal suspected of being rabid should be cauterised at once by means of the actual or Paquelin cautery, or by a strong chemical escharotic such as pure carbolic acid, after which antiseptic dressings are applied.

It is, however, to Pasteur's preventive inoculation that we must look for our best hope of averting the onset of symptoms. "It may now be taken as established that a grave responsibility rests on those concerned if a person bitten by a mad animal is not subjected to the Pasteur treatment" (Muir and Ritchie).

This method is based on the fact that the long incubation period of the disease admits of the patient being inoculated with a modified virus producing a mild attack, which protects him from the natural disease.

Treatment.--When the symptoms have once developed they can only be palliated. The patient must be kept absolutely quiet and free from all

sources of irritation. The spasms may be diminished by means of chloral and bromides, or by chloroform inhalation.

ANTHRAX

Anthrax is a comparatively rare disease, communicable to man from certain of the lower animals, such as sheep, oxen, horses, deer, and other herbivora. In animals it is characterised by symptoms of acute general poisoning, and, from the fact that it produces a marked enlargement of the spleen, is known in veterinary surgery as "splenic fever."

The *Bacillus anthracis* (Fig. 27), the largest of the known pathogenic bacteria, occurs in groups or in chains made up of numerous bacilli, each bacillus measuring from 6 to 8 μ in length. The organisms are found in enormous numbers throughout the bodies of animals that have died of anthrax, and are readily recognised and cultivated. Sporulation only takes place outside the body, probably because free oxygen is necessary to the process. In the spore-free condition, the organisms are readily destroyed by ordinary germicides, and by the gastric juice. The spores, on the other hand, have a high degree of resistance. Not only do they remain viable in the dry state for long periods, even up to a year, but they survive boiling for five minutes, and must be subjected to dry heat at 140 °C. for several hours before they are destroyed.

[Illustration: FIG. 27.--Bacillus of Anthrax in section of skin, from a case of malignant pustule; shows vesicle containing bacilli. x 400 diam. Gram's stain.]

Clinical Varieties of Anthrax.--In man, anthrax may manifest itself in one of three clinical forms.

It may be transmitted by means of spores or bacilli directly from a diseased animal to those who, by their occupation or otherwise, are brought into contact with it--for example, shepherds, butchers, veterinary surgeons, or hide-porters. Infection may occur on the face by the use of a shaving-brush contaminated by spores. The path of infection is usually through an abrasion of the skin, and the primary manifestations are local, constituting what is known as the malignant pustule.

In other cases the disease is contracted through the inhalation of the dried spores into the respiratory passages. This occurs oftenest in those who work amongst wool, fur, and rags, and a form of acute pneumonia of great virulence ensues. This affection is known as wool-sorter's disease, and is almost universally fatal.

There is reason to believe that infection may also take place by means of spores ingested into the alimentary canal in meat or milk derived from diseased animals, or in infected water.

become associated with branches from the musculo-cutaneous is followed by a loss of sensibility on the radial side of the hand and thumb. Wounds on the dorsal surface of the wrist and forearm are often followed by loss of sensibility over a larger area, because the musculo-cutaneous nerve is divided as well, and some of the fibres of the lower lateral cutaneous branch of the radial.

[Illustration: FIG. 91.--To illustrate the Loss of Sensation produced by Division of the Median Nerve. The area of complete cutaneous insensibility is shaded black. The parts insensitive to light touch and to intermediate degrees of temperature are enclosed within the dotted line.

(After Head and Sherren.)]

#The Median Nerve# is most frequently injured in wounds made by broken glass in the region of the wrist. It may also be injured in fractures of the lower end of the humerus, in fractures of both bones of the forearm, and as a result of pressure by splints. After _division at the elbow_, there is impairment of mobility which affects the thumb, and to a less extent the index finger: the terminal phalanx of the thumb cannot be flexed owing to the paralysis of the flexor pollicis longus, and the index can only be flexed at its metacarpo-phalangeal joint by the interosseous muscles attached to it. Pronation of the forearm is feeble, and is completed by the weight of the hand. After _division at the wrist_, the abductor-opponens group of muscles and the two lateral lumbricals only are affected; the abduction of the thumb can be feebly imitated by the short extensor and the long abductor (ext. ossis metacarpi pollicis), while opposition may be simulated by contraction of the long flexor and the short abductor of the thumb; the paralysis of the two medial lumbricals produces no symptoms that can be recognised. It is important to remember that when the median nerve is divided at the wrist, deep touch can be appreciated over the whole of the area supplied by the nerve; the injury, therefore, is liable to be overlooked. If, however, the tendons are divided as well as the nerve, there is insensibility to deep touch. The areas of epicritic and of protopathic insensibility are illustrated in Fig. 91. The division of the nerve at the elbow, or even at the axilla, does not increase the extent of the loss of epicritic or protopathic sensibility, but usually affects deep sensibility.

[Illustration: FIG. 92.--To illustrate Loss of Sensation produced by complete Division of Ulnar Nerve. Loss of all forms of cutaneous

sensibility is represented by the shaded area. The parts insensitive to light touch and to intermediate degrees of heat and cold are enclosed within the dotted line.

(Head and Sherren.)]

#The Ulnar Nerve.--The most common injury of this nerve is its division in transverse accidental wounds just above the wrist. In the arm it may be contused, along with the radial, in crutch paralysis; in the region of the elbow it may be injured in fractures or dislocations, or it may be accidentally divided in the operation for excising the elbow-joint.

same class as himself and possessed the same breeding and traditions, Bolkonski would soon have discovered his weak, human, unheroic sides; but as it was, Speranski's strange and logical turn of mind inspired him with respect all the more because he did not quite understand him. Moreover, Speranski, either because he appreciated the other's capacity or because he considered it necessary to win him to his side, showed off his dispassionate calm reasonableness before Prince Andrew and flattered him with that subtle flattery which goes hand in hand with self-assurance and consists in a tacit assumption that one's companion is the only man besides oneself capable of understanding the folly of the rest of mankind and the reasonableness and profundity of one's own ideas.

During their long conversation on Wednesday evening, Speranski more than once remarked: "We regard everything that is above the common level of rooted custom..." or, with a smile: "But we want the wolves to be fed and the sheep to be safe..." or: "They cannot understand this..." and all in a way that seemed to say: "We, you and I, understand what they are and who we are."

This first long conversation with Speranski only strengthened in Prince Andrew the feeling he had experienced toward him at their first meeting. He saw in him a remarkable, clear-thinking man of vast intellect who by his energy and persistence had attained power, which he was using solely for the welfare of Russia. In Prince Andrew's eyes Speranski was the man he would himself have wished to be--one who explained all the facts of life reasonably, considered important only what was rational, and was capable of applying the standard of reason to everything. Everything seemed so simple and clear in Speranski's exposition that Prince Andrew involuntarily agreed with him about everything. If he replied and argued, it was only because he wished to maintain his independence and not submit to Speranski's opinions entirely. Everything was right and everything was as it should be: only one thing disconcerted Prince Andrew. This was Speranski's cold, mirrorlike look, which did not

allow one to penetrate to his soul, and his delicate white hands, which Prince Andrew involuntarily watched as one does watch the hands of those who possess power. This mirrorlike gaze and those delicate hands irritated Prince Andrew, he knew not why. He was unpleasantly struck, too, by the excessive contempt for others that he observed in Speranski, and by the diversity of lines of argument he used to support his opinions. He made use of every kind of mental device, except analogy, and passed too boldly, it seemed to Prince Andrew, from one to another. Now he would take up the position of a practical man and condemn dreamers; now that of a satirist, and laugh ironically at his opponents; now grow severely logical, or suddenly rise to the realm of metaphysics. (This last resource was one he very frequently employed.) He would transfer a question to metaphysical heights, pass on to definitions of space, time, and thought, and, having deduced the refutation he needed, would again descend to the level of the original discussion.

In general the trait of Speranski's mentality which struck Prince Andrew most was his absolute and unshakable belief in the power and authority of reason. It was evident that the thought could never occur to him which to Prince Andrew seemed so natural, namely, that it is after all impossible to express all one thinks; and that he had never felt the doubt, "Is not all I think and believe nonsense?" And it was just this peculiarity of Speranski's mind that particularly attracted Prince Andrew.

During the first period of their acquaintance Bolkonski felt a passionate admiration for him similar to that which he had once felt for Bonaparte. The fact that Speranski was the son of a village priest, and that stupid people might meanly despise him on account of his humble origin (as in fact many did), caused Prince Andrew to cherish his sentiment for him the more, and unconsciously to strengthen it.

On that first evening Bolkonski spent with him, having mentioned the Commission for the Revision of the Code of Laws, Speranski told him sarcastically that the Commission had existed for a hundred and fifty years, had cost millions, and had done nothing except that Rosenkampf had stuck labels on the corresponding paragraphs of the different codes.

"And that is all the state has for the millions it has spent," said he. "We want to give the Senate new juridical powers, but we have no laws. That is why it is a sin for men like you, Prince, not to serve in these times!"

Prince Andrew said that for that work an education in jurisprudence was needed which he did not possess.

"But nobody possesses it, so what would you have? It is a vicious circle from which we must break a way out."

A week later Prince Andrew was a member of the Committee on Army Regulations and--what he had not at all expected--was chairman of a section of the committee for the revision of the laws. At Speranski's request he took the first part of the Civil Code that was being drawn up and, with the aid of the Code Napoleon and the Institutes of Justinian, he worked at formulating the section on Personal Rights.

CHAPTER VII

Nearly two years before this, in 1808, Pierre on returning to Petersburg after visiting his estates had involuntarily found himself in a leading position among the Petersburg Freemasons. He arranged dining and funeral lodge meetings, enrolled new members, and busied himself uniting various lodges and acquiring authentic charters. He gave money for the erection of temples and supplemented as far as he could the collection of alms, in regard to which the majority of members were stingy and irregular. He supported almost singlehanded a poorhouse the order had founded in Petersburg.

His life meanwhile continued as before, with the same infatuations and dissipations. He liked to dine and drink well, and though he considered it immoral and humiliating could not resist the temptations of the bachelor circles in which he moved.

Amid the turmoil of his activities and distractions, however, Pierre at the end of a year began to feel that the more firmly he tried to rest upon it, the more Masonic ground on which he stood gave way under him. At the same time he felt that the deeper the ground sank under him the closer bound he involuntarily became to the order. When he had joined the Freemasons he had experienced the feeling of one who confidently steps onto the smooth surface of a bog. When he put his foot down it sank in. To make quite sure of the firmness the ground, he put his other foot down and sank deeper still, became stuck in it, and involuntarily waded knee-deep in the bog.

Joseph Alexeevich was not in Petersburg--he had of late stood aside from the affairs of the Petersburg lodges, and lived almost entirely in Moscow. All the members of the lodges were men Pierre knew

in ordinary life, and it was difficult for him to regard them merely as Brothers in Freemasonry and not as Prince B. or Ivan Vasilevich D., whom he knew in society mostly as weak and insignificant men. Under the Masonic aprons and insignia he saw the uniforms and decorations at which they aimed in ordinary life. Often after collecting alms, and reckoning up twenty to thirty rubles received for the most part in promises from a dozen members, of whom half were as well able to pay as himself, Pierre remembered the Masonic vow in which each Brother promised to devote all his belongings to his neighbor, and doubts on which he tried not to dwell arose in his soul.

He divided the Brothers he knew into four categories. In the first he put those who did not take an active part in the affairs of the lodges or in human affairs, but were exclusively occupied with the mystical science of the order: with questions of the threefold designation of God, the three primordial elements--sulphur, mercury, and salt--or the meaning of the square and all the various figures of the temple of Solomon. Pierre respected this class of Brothers to which the elder ones chiefly belonged, including, Pierre thought, Joseph Alexeevich himself, but he did not share their interests. His heart was not in the mystical aspect of Freemasonry.

In the second category Pierre reckoned himself and others like him, seeking and vacillating, who had not yet found in Freemasonry a straight and comprehensible path, but hoped to do so.

In the third category he included those Brothers (the majority) who saw nothing in Freemasonry but the external forms and ceremonies, and prized the strict performance of these forms without troubling about their purport or significance. Such were Willarski and even the Grand Master of the principal lodge.

Finally, to the fourth category also a great many Brothers belonged, particularly those who had lately joined. These according to Pierre's observations were men who had no belief in anything, nor desire for anything, but joined the Freemasons merely to associate with the wealthy young Brothers who were influential through their connections or rank, and of whom there were very many in the lodge.

Pierre began to feel dissatisfied with what he was doing. Freemasonry, at any rate as he saw it here, sometimes seemed to him based merely on externals. He did not think of doubting Freemasonry itself, but suspected that Russian Masonry had taken a wrong path and deviated from its original principles. And so toward the end of the year he went abroad to be initiated into the higher secrets of the order.

In the summer of 1809 Pierre returned to Petersburg. Our

Freemasons knew from correspondence with those abroad that Bezukhov had obtained the confidence of many highly placed persons, had been initiated into many mysteries, had been raised to a higher grade, and was bringing back with him much that might conduce to the advantage of the Masonic cause in Russia. The Petersburg Freemasons all came to see him, tried to ingratiate themselves with him, and it seemed to them all that he was preparing something for them and concealing it.

A solemn meeting of the lodge of the second degree was convened, at which Pierre promised to communicate to the Petersburg Brothers what he had to deliver to them from the highest leaders of their order. The meeting was a full one. After the usual ceremonies Pierre rose and began his address.

"Dear Brothers," he began, blushing and stammering, with a written speech in his hand, "it is not sufficient to observe our mysteries in the seclusion of our lodge--we must act--act! We are drowsing, but we must act." Pierre raised his notebook and began to read.

"For the dissemination of pure truth and to secure the triumph of virtue," he read, "we must cleanse men from prejudice, diffuse principles in harmony with the spirit of the times, undertake the education of the young, unite ourselves in indissoluble bonds with the wisest men, boldly yet prudently overcome superstitions, infidelity, and folly, and form of those devoted to us a body linked together by unity of purpose and possessed of authority and power.

"To attain this end we must secure a preponderance of virtue over vice and must endeavor to secure that the honest man may, even in this world, receive a lasting reward for his virtue. But in these great endeavors we are gravely hampered by the political institutions of today. What is to be done in these circumstances? To favor revolutions, overthrow everything, repel force by force?... No! We are very far from that. Every violent reform deserves censure, for it quite fails to remedy evil while men remain what they are, and also because wisdom needs no violence.

"The whole plan of our order should be based on the idea of preparing men of firmness and virtue bound together by unity of conviction--aiming at the punishment of vice and folly, and patronizing talent and virtue: raising worthy men from the dust and attaching them to our Brotherhood. Only then will our order have the power unobtrusively to bind the hands of the protectors of disorder and to control them without their being aware of it. In a word, we must found a form of government holding universal sway, which should be diffused over the whole world without destroying the bonds of citizenship, and beside which all other governments can continue in

their customary course and do everything except what impedes the great aim of our order, which is to obtain for virtue the victory over vice. This aim was that of Christianity itself. It taught men to be wise and good and for their own benefit to follow the example and instruction of the best and wisest men.

"At that time, when everything was plunged in darkness, preaching alone was of course sufficient. The novelty of Truth endowed her with special strength, but now we need much more powerful methods. It is now necessary that man, governed by his senses, should find in virtue a charm palpable to those senses. It is impossible to eradicate the passions; but we must strive to direct them to a noble aim, and it is therefore necessary that everyone should be able to satisfy his passions within the limits of virtue. Our order should provide means to that end.

"As soon as we have a certain number of worthy men in every state, each of them again training two others and all being closely united, everything will be possible for our order, which has already in secret accomplished much for the welfare of mankind."

This speech not only made a strong impression, but created excitement in the lodge. The majority of the Brothers, seeing in it dangerous designs of Illuminism,* met it with a coldness that surprised Pierre. The Grand Master began answering him, and Pierre began developing his views with more and more warmth. It was long since there had been so stormy a meeting. Parties were formed, some accusing Pierre of Illuminism, others supporting him. At that meeting he was struck for the first time by the endless variety of men's minds, which prevents a truth from ever presenting itself identically to two persons. Even those members who seemed to be on his side understood him in their own way with limitations and alterations he could not agree to, as what he always wanted most was to convey his thought to others just as he himself understood it.

*The Illuminati sought to substitute republican for monarchical institutions.

At the end of the meeting the Grand Master with irony and ill-will reproved Bezukhov for his vehemence and said it was not love of virtue alone, but also a love of strife that had moved him in the dispute. Pierre did not answer him and asked briefly whether his proposal would be accepted. He was told that it would not, and without waiting for the usual formalities he left the lodge and went home.

CHAPTER VIII

Again Pierre was overtaken by the depression he so dreaded. For three days after the delivery of his speech at the lodge he lay on a sofa at home receiving no one and going nowhere.

It was just then that he received a letter from his wife, who implored him to see her, telling him how grieved she was about him and how she wished to devote her whole life to him.

At the end of the letter she informed him that in a few days she would return to Petersburg from abroad.

Following this letter one of the Masonic Brothers whom Pierre respected less than the others forced his way in to see him and, turning the conversation upon Pierre's matrimonial affairs, by way of fraternal advice expressed the opinion that his severity to his wife was wrong and that he was neglecting one of the first rules of Freemasonry by not forgiving the penitent.

At the same time his mother-in-law, Prince Vasili's wife, sent to him imploring him to come if only for a few minutes to discuss a most important matter. Pierre saw that there was a conspiracy against him and that they wanted to reunite him with his wife, and in the mood he then was, this was not even unpleasant to him. Nothing mattered to him. Nothing in life seemed to him of much importance, and under the influence of the depression that possessed him he valued neither his liberty nor his resolution to punish his wife.

"No one is right and no one is to blame; so she too is not to blame," he thought.

If he did not at once give his consent to a reunion with his wife, it was only because in his state of depression he did not feel able to take any step. Had his wife come to him, he would not have turned her away. Compared to what preoccupied him, was it not a matter of indifference whether he lived with his wife or not?

Without replying either to his wife or his mother-in-law, Pierre late one night prepared for a journey and started for Moscow to see Joseph Alexeevich. This is what he noted in his diary:

Moscow, 17th November

I have just returned from my benefactor, and hasten to write down what I have experienced. Joseph Alexeevich is living poorly and has for three years been suffering from a painful disease of the bladder. No one has ever heard him utter a groan or a word of complaint. From morning till late at night, except when he eats his very plain food, he is working at science. He received me graciously and made me sit down on the bed on which he lay. I made the sign of the Knights of the East and of Jerusalem, and he responded in the same manner, asking me with a mild smile what I had learned and gained in the Prussian and Scottish lodges. I told him everything as best I could, and told him what I had proposed to our Petersburg lodge, of the bad reception I had encountered, and of my rupture with the Brothers. Joseph Alexeevich, having remained silent and thoughtful for a good while, told me his view of the matter, which at once lit up for me my whole past and the future path I should follow. He surprised me by asking whether I remembered the threefold aim of the order: (1) The preservation and study of the mystery. (2) The purification and reformation of oneself for its reception, and (3) The improvement of the human race by striving for such purification. Which is the principal aim of these three? Certainly self-reformation and self-purification. Only to this aim can we always strive independently of circumstances. But at the same time just this aim demands the greatest efforts of us; and so, led astray by pride, losing sight of this aim, we occupy ourselves either with the mystery which in our impurity we are unworthy to receive, or seek the reformation of the human race while ourselves setting an example of baseness and profligacy. Illuminism is not a pure doctrine, just because it is attracted by social activity and puffed up by pride. On this ground Joseph Alexeevich condemned my speech and my whole activity, and in the depth of my soul I agreed with him. Talking of my family affairs he said to me, "the chief duty of a true Mason, as I have told you, lies in perfecting himself. We often think that by removing all the difficulties of our life we shall more quickly reach our aim, but on the contrary, my dear sir, it is only in the midst of worldly cares that we can attain our three chief aims: (1) Self-knowledge--for man can only know himself by comparison, (2) Self-perfecting, which can only be attained by conflict, and (3) The attainment of the chief virtue--love of death. Only the vicissitudes of life can show us its vanity and develop our innate love of death or of rebirth to a new life." These words are all the more remarkable because, in spite of his great physical sufferings, Joseph Alexeevich is never weary of life though he loves death, for which--in spite of the purity and loftiness of his inner man--he does not yet feel himself sufficiently prepared. My benefactor then explained to me fully the meaning of the Great Square of creation and pointed out to me that the numbers three and seven are the basis of everything. He advised me not

to avoid intercourse with the Petersburg Brothers, but to take up only second-grade posts in the lodge, to try, while diverting the Brothers from pride, to turn them toward the true path self-knowledge and self-perfecting. Besides this he advised me for myself personally above all to keep a watch over myself, and to that end he gave me a notebook, the one I am now writing in and in which I will in future note down all my actions.

Petersburg, 23rd November

I am again living with my wife. My mother-in-law came to me in tears and said that Helene was here and that she implored me to hear her; that she was innocent and unhappy at my desertion, and much more. I knew that if I once let myself see her I should not have strength to go on refusing what she wanted. In my perplexity I did not know whose aid and advice to seek. Had my benefactor been here he would have told me what to do. I went to my room and reread Joseph Alexeevich's letters and recalled my conversations with him, and deduced from it all that I ought not to refuse a suppliant, and ought to reach a helping hand to everyone--especially to one so closely bound to me--and that I must bear my cross. But if I forgive her for the sake of doing right, then let union with her have only a spiritual aim. That is what I decided, and what I wrote to Joseph Alexeevich. I told my wife that I begged her to forget the past, to forgive me whatever wrong I may have done her, and that I had nothing to forgive. It gave me joy to tell her this. She need not know how hard it was for me to see her again. I have settled on the upper floor of this big house and am experiencing a happy feeling of regeneration.

CHAPTER IX

At that time, as always happens, the highest society that met at court and at the grand balls was divided into several circles, each with its own particular tone. The largest of these was the French circle of the Napoleonic alliance, the circle of Count Rumyantsev and Caulaincourt. In this group Helene, as soon as she had settled in Petersburg with her husband, took a very prominent place. She was visited by the members of the French embassy and by many belonging to that circle and noted for their intellect and polished manners.

Helene had been at Erfurt during the famous meeting of the

Emperors and had brought from there these connections with the Napoleonic notabilities. At Erfurt her success had been brilliant. Napoleon himself had noticed her in the theater and said of her: "C'est un superbe animal."* Her success as a beautiful and elegant woman did not surprise Pierre, for she had become even handsomer than before. What did surprise him was that during these last two years his wife had succeeded in gaining the reputation "d' une femme charmante, aussi spirituelle que belle."*[2] The distinguished Prince de Ligne wrote her eight-page letters. Bilibin saved up his epigrams to produce them in Countess Bezukhova's presence. To be received in the Countess Bezukhova's salon was regarded as a diploma of intellect. Young men read books before attending Helene's evenings, to have something to say in her salon, and secretaries of the embassy, and even ambassadors, confided diplomatic secrets to her, so that in a way Helene was a power. Pierre, who knew she was very stupid, sometimes attended, with a strange feeling of perplexity and fear, her evenings and dinner parties, where politics, poetry, and philosophy were discussed. At these parties his feelings were like those of a conjuror who always expects his trick to be found out at any moment. But whether because stupidity was just what was needed to run such a salon, or because those who were deceived found pleasure in the deception, at any rate it remained unexposed and Helene Bezukhova's reputation as a lovely and clever woman became so firmly established that she could say the emptiest and stupidest things and everybody would go into raptures over every word of hers and look for a profound meaning in it of which she herself had no conception.

*"That's a superb animal."

*[2] "Of a charming woman, as witty as she is lovely."

Pierre was just the husband needed for a brilliant society woman. He was that absent-minded crank, a grand seigneur husband who was in no one's way, and far from spoiling the high tone and general impression of the drawing room, he served, by the contrast he presented to her, as an advantageous background to his elegant and tactful wife. Pierre during the last two years, as a result of his continual absorption in abstract interests and his sincere contempt for all else, had acquired in his wife's circle, which did not interest him, that air of unconcern, indifference, and benevolence toward all, which cannot be acquired artificially and therefore inspires involuntary respect. He entered his wife's drawing room as one enters a theater, was acquainted with everybody, equally pleased to see everyone, and equally indifferent to them all. Sometimes he joined in a conversation which interested him and, regardless of whether any "gentlemen of the embassy" were present or not,

lispily expressed his views, which were sometimes not at all in accord with the accepted tone of the moment. But the general opinion concerning the queer husband of "the most distinguished woman in Petersburg" was so well established that no one took his freaks seriously.

Among the many young men who frequented her house every day, Boris Drubetskoy, who had already achieved great success in the service, was the most intimate friend of the Bezukhov household since Helene's return from Erfurt. Helene spoke of him as "mon page" and treated him like a child. Her smile for him was the same as for everybody, but sometimes that smile made Pierre uncomfortable. Toward him Boris behaved with a particularly dignified and sad deference. This shade of deference also disturbed Pierre. He had suffered so painfully three years before from the mortification to which his wife had subjected him that he now protected himself from the danger of its repetition, first by not being a husband to his wife, and secondly by not allowing himself to suspect.

"No, now that she has become a bluestocking she has finally renounced her former infatuations," he told himself. "There has never been an instance of a bluestocking being carried away by affairs of the heart"--a statement which, though gathered from an unknown source, he believed implicitly. Yet strange to say Boris' presence in his wife's drawing room (and he was almost always there) had a physical effect upon Pierre; it constricted his limbs and destroyed the unconsciousness and freedom of his movements.

"What a strange antipathy," thought Pierre, "yet I used to like him very much."

In the eyes of the world Pierre was a great gentleman, the rather blind and absurd husband of a distinguished wife, a clever crank who did nothing but harmed nobody and was a first-rate, good-natured fellow. But a complex and difficult process of internal development was taking place all this time in Pierre's soul, revealing much to him and causing him many spiritual doubts and joys.

CHAPTER X

Pierre went on with his diary, and this is what he wrote in it during that time:

24th November

Got up at eight, read the Scriptures, then went to my duties. [By Joseph Alexeevich's advice Pierre had entered the service of the state and served on one of the committees.] Returned home for dinner and dined alone--the countess had many visitors I do not like. I ate and drank moderately and after dinner copied out some passages for the Brothers. In the evening I went down to the countess and told a funny story about B., and only remembered that I ought not to have done so when everybody laughed loudly at it.

I am going to bed with a happy and tranquil mind. Great God, help me to walk in Thy paths, (1) to conquer anger by calmness and deliberation, (2) to vanquish lust by self-restraint and repulsion, (3) to withdraw from worldliness, but not avoid (a) the service of the state, (b) family duties, (c) relations with my friends, and the management of my affairs.

27th November

I got up late. On waking I lay long in bed yielding to sloth. O God, help and strengthen me that I may walk in Thy ways! Read the Scriptures, but without proper feeling. Brother Urusov came and we talked about worldly vanities. He told me of the Emperor's new projects. I began to criticize them, but remembered my rules and my benefactor's words--that a true Freemason should be a zealous worker for the state when his aid is required and a quiet onlooker when not called on to assist. My tongue is my enemy. Brothers G. V. and O. visited me and we had a preliminary talk about the reception of a new Brother. They laid on me the duty of Rhetor. I feel myself weak and unworthy. Then our talk turned to the interpretation of the seven pillars and steps of the Temple, the seven sciences, the seven virtues, the seven vices, and the seven gifts of the Holy Spirit. Brother O. was very eloquent. In the evening the admission took place. The new decoration of the Premises contributed much to the magnificence of the spectacle. It was Boris Drubetskoy who was admitted. I nominated him and was the Rhetor. A strange feeling agitated me all the time I was alone with him in the dark chamber. I caught myself harboring a feeling of hatred toward him which I vainly tried to overcome. That is why I should really like to save him from evil and lead him into the path of truth, but evil thoughts of him did not leave me. It seemed to me that his object in entering the Brotherhood was merely to be intimate and in favor with members of our lodge. Apart from the fact that he had asked me several times whether N. and S. were members of our lodge (a question to which I could not reply) and that according to my observation he is

incapable of feeling respect for our holy order and is too preoccupied and satisfied with the outer man to desire spiritual improvement, I had no cause to doubt him, but he seemed to me insincere, and all the time I stood alone with him in the dark temple it seemed to me that he was smiling contemptuously at my words, and I wished really to stab his bare breast with the sword I held to it. I could not be eloquent, nor could I frankly mention my doubts to the Brothers and to the Grand Master. Great Architect of Nature, help me to find the true path out of the labyrinth of lies!

After this, three pages were left blank in the diary, and then the following was written:

I have had a long and instructive talk alone with Brother V., who advised me to hold fast by brother A. Though I am unworthy, much was revealed to me. Adonai is the name of the creator of the world. Elohim is the name of the ruler of all. The third name is the name unutterable which means the All. Talks with Brother V. strengthen, refresh, and support me in the path of virtue. In his presence doubt has no place. The distinction between the poor teachings of mundane science and our sacred all-embracing teaching is clear to me. Human sciences dissect everything to comprehend it, and kill everything to examine it. In the holy science of our order all is one, all is known in its entirety and life. The Trinity--the three elements of matter--are sulphur, mercury, and salt. Sulphur is of an oily and fiery nature; in combination with salt by its fiery nature it arouses a desire in the latter by means of which it attracts mercury, seizes it, holds it, and in combination produces other bodies. Mercury is a fluid, volatile, spiritual essence. Christ, the Holy Spirit, Him!...

3rd December

Awoke late, read the Scriptures but was apathetic. Afterwards went and paced up and down the large hall. I wished to meditate, but instead my imagination pictured an occurrence of four years ago, when Dolokhov, meeting me in Moscow after our duel, said he hoped I was enjoying perfect peace of mind in spite of my wife's absence. At the time I gave him no answer. Now I recalled every detail of that meeting and in my mind gave him the most malevolent and bitter replies. I recollected myself and drove away that thought only when I found myself glowing with anger, but I did not sufficiently repent. Afterwards Boris Drubetskoy came and began relating various adventures. His coming vexed me from the first, and I said something disagreeable to him. He replied. I flared up and said much that was

unpleasant and even rude to him. He became silent, and I recollected myself only when it was too late. My God, I cannot get on with him at all. The cause of this is my egotism. I set myself above him and so become much worse than he, for he is lenient to my rudeness while I on the contrary nourish contempt for him. O God, grant that in his presence I may rather see my own vileness, and behave so that he too may benefit. After dinner I fell asleep and as I was drowsing off I clearly heard a voice saying in my left ear, "Thy day!"

I dreamed that I was walking in the dark and was suddenly surrounded by dogs, but I went on undismayed. Suddenly a smallish dog seized my left thigh with its teeth and would not let go. I began to throttle it with my hands. Scarcely had I torn it off before another, a bigger one, began biting me. I lifted it up, but the higher I lifted it the bigger and heavier it grew. And suddenly Brother A. came and, taking my arm, led me to a building to enter which we had to pass along a narrow plank. I stepped on it, but it bent and gave way and I began to clamber up a fence which I could scarcely reach with my hands. After much effort I dragged myself up, so that my leg hung down on one side and my body on the other. I looked round and saw Brother A. standing on the fence and pointing me to a broad avenue and garden, and in the garden was a large and beautiful building. I woke up. O Lord, great Architect of Nature, help me to tear from myself these dogs--my passions especially the last, which unites in itself the strength of all the former ones, and aid me to enter that temple of virtue to a vision of which I attained in my dream.

7th December

I dreamed that Joseph Alexeevich was sitting in my house, and that I was very glad and wished to entertain him. It seemed as if I chattered incessantly with other people and suddenly remembered that this could not please him, and I wished to come close to him and embrace him. But as soon as I drew near I saw that his face had changed and grown young, and he was quietly telling me something about the teaching of our order, but so softly that I could not hear it. Then it seemed that we all left the room and something strange happened. We were sitting or lying on the floor. He was telling me something, and I wished to show him my sensibility, and not listening to what he was saying I began picturing to myself the condition of my inner man and the grace of God sanctifying me. And tears came into my eyes, and I was glad he noticed this. But he looked at me with vexation and jumped up, breaking off his remarks. I felt abashed and asked whether what he had been saying did not concern me; but he did not reply, gave me a kind look, and then we suddenly found ourselves in my bedroom where there is a double bed. He lay down on the edge of it and I burned with longing to caress him and lie down too. And he said, "Tell me

frankly what is your chief temptation? Do you know it? I think you know it already." Abashed by this question, I replied that sloth was my chief temptation. He shook his head incredulously; and even more abashed, I said that though I was living with my wife as he advised, I was not living with her as her husband. To this he replied that one should not deprive a wife of one's embraces and gave me to understand that that was my duty. But I replied that I should be ashamed to do it, and suddenly everything vanished. And I awoke and found in my mind the text from the Gospel: "The life was the light of men. And the light shineth in darkness; and the darkness comprehended it not." Joseph Alexeevich's face had looked young and bright. That day I received a letter from my benefactor in which he wrote about "conjugal duties."

9th December

I had a dream from which I awoke with a throbbing heart. I saw that I was in Moscow in my house, in the big sitting room, and Joseph Alexeevich came in from the drawing room. I seemed to know at once that the process of regeneration had already taken place in him, and I rushed to meet him. I embraced him and kissed his hands, and he said, "Hast thou noticed that my face is different?" I looked at him, still holding him in my arms, and saw that his face was young, but that he had no hair on his head and his features were quite changed. And I said, "I should have known you had I met you by chance," and I thought to myself, "Am I telling the truth?" And suddenly I saw him lying like a dead body; then he gradually recovered and went with me into my study carrying a large book of sheets of drawing paper; I said, "I drew that," and he answered by bowing his head. I opened the book, and on all the pages there were excellent drawings. And in my dream I knew that these drawings represented the love adventures of the soul with its beloved. And on its pages I saw a beautiful representation of a maiden in transparent garments and with a transparent body, flying up to the clouds. And I seemed to know that this maiden was nothing else than a representation of the Song of Songs. And looking at those drawings I dreamed I felt that I was doing wrong, but could not tear myself away from them. Lord, help me! My God, if Thy forsaking me is Thy doing, Thy will be done; but if I am myself the cause, teach me what I should do! I shall perish of my debauchery if Thou utterly desertest me!

CHAPTER XI

The Rostovs' monetary affairs had not improved during the two years they had spent in the country.

Though Nicholas Rostov had kept firmly to his resolution and was still serving modestly in an obscure regiment, spending comparatively little, the way of life at Otradnoe--Mitenka's management of affairs, in particular--was such that the debts inevitably increased every year. The only resource obviously presenting itself to the old count was to apply for an official post, so he had come to Petersburg to look for one and also, as he said, to let the lassies enjoy themselves for the last time.

Soon after their arrival in Petersburg Berg proposed to Vera and was accepted.

Though in Moscow the Rostovs belonged to the best society without themselves giving it a thought, yet in Petersburg their circle of acquaintances was a mixed and indefinite one. In Petersburg they were provincials, and the very people they had entertained in Moscow without inquiring to what set they belonged, here looked down on them.

The Rostovs lived in the same hospitable way in Petersburg as in Moscow, and the most diverse people met at their suppers. Country neighbors from Otradnoe, impoverished old squires and their daughters, Peronskaya a maid of honor, Pierre Bezukhov, and the son of their district postmaster who had obtained a post in Petersburg. Among the men who very soon became frequent visitors at the Rostovs' house in Petersburg were Boris, Pierre whom the count had met in the street and dragged home with him, and Berg who spent whole days at the Rostovs' and paid the eldest daughter, Countess Vera, the attentions a young man pays when he intends to propose.

Not in vain had Berg shown everybody his right hand wounded at Austerlitz and held a perfectly unnecessary sword in his left. He narrated that episode so persistently and with so important an air that everyone believed in the merit and usefulness of his deed, and he had obtained two decorations for Austerlitz.

In the Finnish war he also managed to distinguish himself. He had picked up the scrap of a grenade that had killed an aide-de-camp standing near the commander in chief and had taken it to his commander. Just as he had done after Austerlitz, he related this occurrence at such length and so insistently that everyone again believed it had been necessary to do this, and he received two decorations for the Finnish war also. In 1809 he was a captain in the Guards, wore medals, and held some special lucrative posts in Petersburg.

Though some skeptics smiled when told of Berg's merits, it could not be denied that he was a painstaking and brave officer, on excellent terms with his superiors, and a moral young man with a brilliant career before him and an assured position in society.

Four years before, meeting a German comrade in the stalls of a Moscow theater, Berg had pointed out Vera Rostova to him and had said in German, "das soll mein Weib werden,"* and from that moment had made up his mind to marry her. Now in Petersburg, having considered the Rostovs' position and his own, he decided that the time had come to propose.

*"That girl shall be my wife."

Berg's proposal was at first received with a perplexity that was not flattering to him. At first it seemed strange that the son of an obscure Livonian gentleman should propose marriage to a Countess Rostova; but Berg's chief characteristic was such a naive and good natured egotism that the Rostovs involuntarily came to think it would be a good thing, since he himself was so firmly convinced that it was good, indeed excellent. Moreover, the Rostovs' affairs were seriously embarrassed, as the suitor could not but know; and above all, Vera was twenty-four, had been taken out everywhere, and though she was certainly good-looking and sensible, no one up to now had proposed to her. So they gave their consent.

"You see," said Berg to his comrade, whom he called "friend" only because he knew that everyone has friends, "you see, I have considered it all, and should not marry if I had not thought it all out or if it were in any way unsuitable. But on the contrary, my papa and mamma are now provided for--I have arranged that rent for them in the Baltic Provinces--and I can live in Petersburg on my pay, and with her fortune and my good management we can get along nicely. I am not marrying for money--I consider that dishonorable--but a wife should bring her share and a husband his. I have my position in the service, she has connections and some means. In our times that is worth something, isn't it? But above all, she is a handsome, estimable girl, and she loves me..."

Berg blushed and smiled.

"And I love her, because her character is sensible and very good. Now the other sister, though they are the same family, is quite different--an unpleasant character and has not the same intelligence. She is so... you know?... Unpleasant... But my

fiancee!... Well, you will be coming," he was going to say, "to dine," but changed his mind and said "to take tea with us," and quickly doubling up his tongue he blew a small round ring of tobacco smoke, perfectly embodying his dream of happiness.

After the first feeling of perplexity aroused in the parents by Berg's proposal, the holiday tone of joyousness usual at such times took possession of the family, but the rejoicing was external and insincere. In the family's feeling toward this wedding a certain awkwardness and constraint was evident, as if they were ashamed of not having loved Vera sufficiently and of being so ready to get her off their hands. The old count felt this most. He would probably have been unable to state the cause of his embarrassment, but it resulted from the state of his affairs. He did not know at all how much he had, what his debts amounted to, or what dowry he could give Vera. When his daughters were born he had assigned to each of them, for her dowry, an estate with three hundred serfs; but one of these estates had already been sold, and the other was mortgaged and the interest so much in arrears that it would have to be sold, so that it was impossible to give it to Vera. Nor had he any money.

Berg had already been engaged a month, and only a week remained before the wedding, but the count had not yet decided in his own mind the question of the dowry, nor spoken to his wife about it. At one time the count thought of giving her the Ryazan estate or of selling a forest, at another time of borrowing money on a note of hand. A few days before the wedding Berg entered the count's study early one morning and, with a pleasant smile, respectfully asked his future father-in-law to let him know what Vera's dowry would be. The count was so disconcerted by this long-foreseen inquiry that without consideration he gave the first reply that came into his head. "I like your being businesslike about it... I like it. You shall be satisfied...."

And patting Berg on the shoulder he got up, wishing to end the conversation. But Berg, smiling pleasantly, explained that if he did not know for certain how much Vera would have and did not receive at least part of the dowry in advance, he would have to break matters off.

"Because, consider, Count--if I allowed myself to marry now without having definite means to maintain my wife, I should be acting badly...."

The conversation ended by the count, who wished to be generous and to avoid further importunity, saying that he would give a note of hand for eighty thousand rubles. Berg smiled meekly, kissed the count on the shoulder, and said that he was very grateful, but that it was

impossible for him to arrange his new life without receiving thirty thousand in ready money. "Or at least twenty thousand, Count," he added, "and then a note of hand for only sixty thousand."

"Yes, yes, all right!" said the count hurriedly. "Only excuse me, my dear fellow, I'll give you twenty thousand and a note of hand for eighty thousand as well. Yes, yes! Kiss me."

CHAPTER XII

Natasha was sixteen and it was the year 1809, the very year to which she had counted on her fingers with Boris after they had kissed four years ago. Since then she had not seen him. Before Sonya and her mother, if Boris happened to be mentioned, she spoke quite freely of that episode as of some childish, long-forgotten matter that was not worth mentioning. But in the secret depths of her soul the question whether her engagement to Boris was a jest or an important, binding promise tormented her.

Since Boris left Moscow in 1805 to join the army he had had not seen the Rostovs. He had been in Moscow several times, and had passed near Otradnoe, but had never been to see them.

Sometimes it occurred to Natasha that he not wish to see her, and this conjecture was confirmed by the sad tone in which her elders spoke of him.

"Nowadays old friends are not remembered," the countess would say when Boris was mentioned.

Anna Mikhaylovna also had of late visited them less frequently, seemed to hold herself with particular dignity, and always spoke rapturously and gratefully of the merits of her son and the brilliant career on which he had entered. When the Rostovs came to Petersburg Boris called on them.

He drove to their house in some agitation. The memory of Natasha was his most poetic recollection. But he went with the firm intention of letting her and her parents feel that the childish relations between himself and Natasha could not be binding either on her or on him. He had a brilliant position in society thanks to his intimacy with Countess Bezukhova, a brilliant position in the service thanks to

the patronage of an important personage whose complete confidence he enjoyed, and he was beginning to make plans for marrying one of the richest heiresses in Petersburg, plans which might very easily be realized. When he entered the Rostovs' drawing room Natasha was in her own room. When she heard of his arrival she almost ran into the drawing room, flushed and beaming with a more than cordial smile.

Boris remembered Natasha in a short dress, with dark eyes shining from under her curls and boisterous, childish laughter, as he had known her four years before; and so he was taken aback when quite a different Natasha entered, and his face expressed rapturous astonishment. This expression on his face pleased Natasha.

"Well, do you recognize your little madcap playmate?" asked the countess.

Boris kissed Natasha's hand and said that he was astonished at the change in her.

"How handsome you have grown!"

"I should think so!" replied Natasha's laughing eyes.

"And is Papa older?" she asked.

Natasha sat down and, without joining in Boris' conversation with the countess, silently and minutely studied her childhood's suitor. He felt the weight of that resolute and affectionate scrutiny and glanced at her occasionally.

Boris' uniform, spurs, tie, and the way his hair was brushed were all *comme il faut* and in the latest fashion. This Natasha noticed at once. He sat rather sideways in the armchair next to the countess, arranging with his right hand the cleanest of gloves that fitted his left hand like a skin, and he spoke with a particularly refined compression of his lips about the amusements of the highest Petersburg society, recalling with mild irony old times in Moscow and Moscow acquaintances. It was not accidentally, Natasha felt, that he alluded, when speaking of the highest aristocracy, to an ambassador's ball he had attended, and to invitations he had received from N.N. and S.S.

All this time Natasha sat silent, glancing up at him from under her brows. This gaze disturbed and confused Boris more and more. He looked round more frequently toward her, and broke off in what he was saying. He did not stay more than ten minutes, then rose and took his leave. The same inquisitive, challenging, and rather mocking eyes still looked at him. After his first visit Boris said to himself that Natasha attracted him just as much as ever, but that

he must not yield to that feeling, because to marry her, a girl almost without fortune, would mean ruin to his career, while to renew their former relations without intending to marry her would be dishonorable. Boris made up his mind to avoid meeting Natasha, but despite that resolution he called again a few days later and began calling often and spending whole days at the Rostovs'. It seemed to him that he ought to have an explanation with Natasha and tell her that the old times must be forgotten, that in spite of everything... she could not be his wife, that he had no means, and they would never let her marry him. But he failed to do so and felt awkward about entering on such an explanation. From day to day he became more and more entangled. It seemed to her mother and Sonya that Natasha was in love with Boris as of old. She sang him his favorite songs, showed him her album, making him write in it, did not allow him to allude to the past, letting it be understood how was the present; and every day he went away in a fog, without having said what he meant to, and not knowing what he was doing or why he came, or how it would all end. He left off visiting Helene and received reproachful notes from her every day, and yet he continued to spend whole days with the Rostovs.

CHAPTER XIII

One night when the old countess, in nightcap and dressing jacket, without her false curls, and with her poor little knob of hair showing under her white cotton cap, knelt sighing and groaning on a rug and bowing to the ground in prayer, her door creaked and Natasha, also in a dressing jacket with slippers on her bare feet and her hair in curlpapers, ran in. The countess--her prayerful mood dispelled--looked round and frowned. She was finishing her last prayer: "Can it be that this couch will be my grave?" Natasha, flushed and eager, seeing her mother in prayer, suddenly checked her rush, half sat down, and unconsciously put out her tongue as if chiding herself. Seeing that her mother was still praying she ran on tiptoe to the bed and, rapidly slipping one little foot against the other, pushed off her slippers and jumped onto the bed the countess had feared might become her grave. This couch was high, with a feather bed and five pillows each smaller than the one below. Natasha jumped on it, sank into the feather bed, rolled over to the wall, and began snuggling up the bedclothes as she settled down, raising her knees to her chin, kicking out and laughing almost inaudibly, now covering herself up head and all, and now peeping at her mother. The countess finished her prayers and came to the bed with a stern face, but seeing, that Natasha's head was covered, she smiled in her kind,

weak way.

"Now then, now then!" said she.

"Mamma, can we have a talk? Yes?" said Natasha. "Now, just one on your throat and another... that'll do!" And seizing her mother round the neck, she kissed her on the throat. In her behavior to her mother Natasha seemed rough, but she was so sensitive and tactful that however she clasped her mother she always managed to do it without hurting her or making her feel uncomfortable or displeased.

"Well, what is it tonight?" said the mother, having arranged her pillows and waited until Natasha, after turning over a couple of times, had settled down beside her under the quilt, spread out her arms, and assumed a serious expression.

These visits of Natasha's at night before the count returned from his club were one of the greatest pleasures of both mother, and daughter.

"What is it tonight?--But I have to tell you..."

Natasha put her hand on her mother's mouth.

"About Boris... I know," she said seriously; "that's what I have come about. Don't say it--I know. No, do tell me!" and she removed her hand. "Tell me, Mamma! He's nice?"

"Natasha, you are sixteen. At your age I was married. You say Boris is nice. He is very nice, and I love him like a son. But what then?... What are you thinking about? You have quite turned his head, I can see that...."

As she said this the countess looked round at her daughter. Natasha was lying looking steadily straight before her at one of the mahogany sphinxes carved on the corners of the bedstead, so that the countess only saw her daughter's face in profile. That face struck her by its peculiarly serious and concentrated expression.

Natasha was listening and considering.

"Well, what then?" said she.

"You have quite turned his head, and why? What do you want of him? You know you can't marry him."

"Why not?" said Natasha, without changing her position.

"Because he is young, because he is poor, because he is a relation... and because you yourself don't love him."

"How do you know?"

"I know. It is not right, darling!"

"But if I want to..." said Natasha.

"Leave off talking nonsense," said the countess.

"But if I want to..."

"Natasha, I am in earnest..."

Natasha did not let her finish. She drew the countess' large hand to her, kissed it on the back and then on the palm, then again turned it over and began kissing first one knuckle, then the space between the knuckles, then the next knuckle, whispering, "January, February, March, April, May. Speak, Mamma, why don't you say anything? Speak!" said she, turning to her mother, who was tenderly gazing at her daughter and in that contemplation seemed to have forgotten all she had wished to say.

"It won't do, my love! Not everyone will understand this friendship dating from your childish days, and to see him so intimate with you may injure you in the eyes of other young men who visit us, and above all it torments him for nothing. He may already have found a suitable and wealthy match, and now he's half crazy."

"Crazy?" repeated Natasha.

"I'll tell you some things about myself. I had a cousin..."

"I know! Cyril Matveich... but he is old."

"He was not always old. But this is what I'll do, Natasha, I'll have a talk with Boris. He need not come so often...."

"Why not, if he likes to?"

"Because I know it will end in nothing...."

"How can you know? No, Mamma, don't speak to him! What nonsense!" said Natasha in the tone of one being deprived of her property. "Well, I won't marry, but let him come if he enjoys it and I enjoy it." Natasha smiled and looked at her mother. "Not to marry, but just so," she added.

"How so, my pet?"

"Just so. There's no need for me to marry him. But... just so."

"Just so, just so," repeated the countess, and shaking all over, she went off into a good humored, unexpected, elderly laugh.

"Don't laugh, stop!" cried Natasha. "You're shaking the whole bed! You're awfully like me, just such another giggler.... Wait..." and she seized the countess' hands and kissed a knuckle of the little finger, saying, "June," and continued, kissing, "July, August," on the other hand. "But, Mamma, is he very much in love? What do you think? Was anybody ever so much in love with you? And he's very nice, very, very nice. Only not quite my taste--he is so narrow, like the dining-room clock.... Don't you understand? Narrow, you know--gray, light gray..."

"What rubbish you're talking!" said the countess.

Natasha continued: "Don't you really understand? Nicholas would understand.... Bezukhov, now, is blue, dark-blue and red, and he is square."

"You flirt with him too," said the countess, laughing.

"No, he is a Freemason, I have found out. He is fine, dark-blue and red.... How can I explain it to you?"

"Little countess!" the count's voice called from behind the door. "You're not asleep?" Natasha jumped up, snatched up her slippers, and ran barefoot to her own room.

It was a long time before she could sleep. She kept thinking that no one could understand all that she understood and all there was in her.

"Sonya?" she thought, glancing at that curled-up, sleeping little kitten with her enormous plait of hair. "No, how could she? She's virtuous. She fell in love with Nicholas and does not wish to know anything more. Even Mamma does not understand. It is wonderful how clever I am and how... charming she is," she went on, speaking of herself in the third person, and imagining it was some very wise man--the wisest and best of men--who was saying it of her. "There is everything, everything in her," continued this man. "She is unusually intelligent, charming... and then she is pretty, uncommonly pretty, and agile--she swims and rides splendidly... and her voice! One can really say it's a wonderful voice!"

She hummed a scrap from her favorite opera by Cherubini, threw herself on her bed, laughed at the pleasant thought that she would immediately fall asleep, called Dunyasha the maid to put out the candle, and before Dunyasha had left the room had already passed into yet another happier world of dreams, where everything was as light and beautiful as in reality, and even more so because it was different.

Next day the countess called Boris aside and had a talk with him, after which he ceased coming to the Rostovs'.

CHAPTER XIV

On the thirty-first of December, New Year's Eve, 1809 --10 an old grandee of Catherine's day was giving a ball and midnight supper. The diplomatic corps and the Emperor himself were to be present.

The grandee's well-known mansion on the English Quay glittered with innumerable lights. Police were stationed at the brightly lit entrance which was carpeted with red baize, and not only gendarmes but dozens of police officers and even the police master himself stood at the porch. Carriages kept driving away and fresh ones arriving, with red-liveried footmen and footmen in plumed hats. From the carriages emerged men wearing uniforms, stars, and ribbons, while ladies in satin and ermine cautiously descended the carriage steps which were let down for them with a clatter, and then walked hurriedly and noiselessly over the baize at the entrance.

Almost every time a new carriage drove up a whisper ran through the crowd and caps were doffed.

"The Emperor?... No, a minister.... prince... ambassador. Don't you see the plumes?..." was whispered among the crowd.

One person, better dressed than the rest, seemed to know everyone and mentioned by name the greatest dignitaries of the day.

A third of the visitors had already arrived, but the Rostovs, who were to be present, were still hurrying to get dressed.

There had been many discussions and preparations for this ball in the Rostov family, many fears that the invitation would not arrive,

that the dresses would not be ready, or that something would not be arranged as it should be.

Marya Ignatevna Peronskaya, a thin and shallow maid of honor at the court of the Dowager Empress, who was a friend and relation of the countess and piloted the provincial Rostovs in Petersburg high society, was to accompany them to the ball.

They were to call for her at her house in the Taurida Gardens at ten o'clock, but it was already five minutes to ten, and the girls were not yet dressed.

Natasha was going to her first grand ball. She had got up at eight that morning and had been in a fever of excitement and activity all day. All her powers since morning had been concentrated on ensuring that they all--she herself, Mamma, and Sonya--should be as well dressed as possible. Sonya and her mother put themselves entirely in her hands. The countess was to wear a claret-colored velvet dress, and the two girls white gauze over pink silk slips, with roses on their bodices and their hair dressed a la grecque.

Everything essential had already been done; feet, hands, necks, and ears washed, perfumed, and powdered, as befits a ball; the openwork silk stockings and white satin shoes with ribbons were already on; the hairdressing was almost done. Sonya was finishing dressing and so was the countess, but Natasha, who had bustled about helping them all, was behindhand. She was still sitting before a looking-glass with a dressing jacket thrown over her slender shoulders. Sonya stood ready dressed in the middle of the room and, pressing the head of a pin till it hurt her dainty finger, was fixing on a last ribbon that squeaked as the pin went through it.

"That's not the way, that's not the way, Sonya!" cried Natasha turning her head and clutching with both hands at her hair which the maid who was dressing it had not time to release. "That bow is not right. Come here!"

Sonya sat down and Natasha pinned the ribbon on differently.

"Allow me, Miss! I can't do it like that," said the maid who was holding Natasha's hair.

"Oh, dear! Well then, wait. That's right, Sonya."

"Aren't you ready? It is nearly ten," came the countess' voice.

"Directly! Directly! And you, Mamma?"

"I have only my cap to pin on."

"Don't do it without me!" called Natasha. "You won't do it right."

"But it's already ten."

They had decided to be at the ball by half past ten, and Natasha had still to get dressed and they had to call at the Taurida Gardens.

When her hair was done, Natasha, in her short petticoat from under which her dancing shoes showed, and in her mother's dressing jacket, ran up to Sonya, scrutinized her, and then ran to her mother.

Turning her mother's head this way and that, she fastened on the cap and, hurriedly kissing her gray hair, ran back to the maids who were turning up the hem of her skirt.

The cause of the delay was Natasha's skirt, which was too long. Two maids were turning up the hem and hurriedly biting off the ends of thread. A third with pins in her mouth was running about between the countess and Sonya, and a fourth held the whole of the gossamer garment up high on one uplifted hand.

"Mavra, quicker, darling!"

"Give me my thimble, Miss, from there..."

"Whenever will you be ready?" asked the count coming to the door.

"Here is here is some scent. Peronskaya must be tired of waiting."

"It's ready, Miss," said the maid, holding up the shortened gauze dress with two fingers, and blowing and shaking something off it, as if by this to express a consciousness of the airiness and purity of what she held.

Natasha began putting on the dress.

"In a minute! In a minute! Don't come in, Papa!" she cried to her father as he opened the door--speaking from under the filmy skirt which still covered her whole face.

Sonya slammed the door to. A minute later they let the count in. He was wearing a blue swallow-tail coat, shoes and stockings, and was perfumed and his hair pomaded.

"Oh, Papa! how nice you look! Charming!" cried Natasha, as she stood in the middle of the room smoothing out the folds of the gauze.

"If you please, Miss! allow me," said the maid, who on her knees was

pulling the skirt straight and shifting the pins from one side of her mouth to the other with her tongue.

"Say what you like," exclaimed Sonya, in a despairing voice as she looked at Natasha, "say what you like, it's still too long."

Natasha stepped back to look at herself in the pier glass. The dress was too long.

"Really, madam, it is not at all too long," said Mavra, crawling on her knees after her young lady.

"Well, if it's too long we'll take it up... we'll tack it up in one minute," said the resolute Dunyasha taking a needle that was stuck on the front of her little shawl and, still kneeling on the floor, set to work once more.

At that moment, with soft steps, the countess came in shyly, in her cap and velvet gown.

"Oo-oo, my beauty!" exclaimed the count, "she looks better than any of you!"

He would have embraced her but, blushing, she stepped aside fearing to be rumped.

"Mamma, your cap, more to this side," said Natasha. "I'll arrange it," and she rushed forward so that the maids who were tacking up her skirt could not move fast enough and a piece of gauze was torn off.

"Oh goodness! What has happened? Really it was not my fault!"

"Never mind, I'll run it up, it won't show," said Dunyasha.

"What a beauty--a very queen!" said the nurse as she came to the door. "And Sonya! They are lovely!"

At a quarter past ten they at last got into their carriages and started. But they had still to call at the Taurida Gardens.

Peronskaya was quite ready. In spite of her age and plainness she had gone through the same process as the Rostovs, but with less flurry--for to her it was a matter of routine. Her ugly old body was washed, perfumed, and powdered in just the same way. She had washed behind her ears just as carefully, and when she entered her drawing room in her yellow dress, wearing her badge as maid of honor, her old lady's maid was as full of rapturous admiration as the Rostovs'

servants had been.

She praised the Rostovs' toilets. They praised her taste and toilet, and at eleven o'clock, careful of their coiffures and dresses, they settled themselves in their carriages and drove off.

CHAPTER XV

Natasha had not had a moment free since early morning and had not once had time to think of what lay before her.

In the damp chill air and crowded closeness of the swaying carriage, she for the first time vividly imagined what was in store for her there at the ball, in those brightly lighted rooms--with music, flowers, dances, the Emperor, and all the brilliant young people of Petersburg. The prospect was so splendid that she hardly believed it would come true, so out of keeping was it with the chill darkness and closeness of the carriage. She understood all that awaited her only when, after stepping over the red baize at the entrance, she entered the hall, took off her fur cloak, and, beside Sonya and in front of her mother, mounted the brightly illuminated stairs between the flowers. Only then did she remember how she must behave at a ball, and tried to assume the majestic air she considered indispensable for a girl on such an occasion. But, fortunately for her, she felt her eyes growing misty, she saw nothing clearly, her pulse beat a hundred to the minute, and the blood throbbed at her heart. She could not assume that pose, which would have made her ridiculous, and she moved on almost fainting from excitement and trying with all her might to conceal it. And this was the very attitude that became her best. Before and behind them other visitors were entering, also talking in low tones and wearing ball dresses. The mirrors on the landing reflected ladies in white, pale-blue, and pink dresses, with diamonds and pearls on their bare necks and arms.

Natasha looked in the mirrors and could not distinguish her reflection from the others. All was blended into one brilliant procession. On entering the ballroom the regular hum of voices, footsteps, and greetings deafened Natasha, and the light and glitter dazzled her still more. The host and hostess, who had already been standing at the door for half an hour repeating the same words to the various arrivals, "Charme de vous voir,"* greeted the Rostovs and Peronskaya in the same manner.

*"Delighted to see you."

The two girls in their white dresses, each with a rose in her black hair, both curtsied in the same way, but the hostess' eye involuntarily rested longer on the slim Natasha. She looked at her and gave her alone a special smile in addition to her usual smile as hostess. Looking at her she may have recalled the golden, irrecoverable days of her own girlhood and her own first ball. The host also followed Natasha with his eyes and asked the count which was his daughter.

"Charming!" said he, kissing the tips of his fingers.

In the ballroom guests stood crowding at the entrance doors awaiting the Emperor. The countess took up a position in one of the front rows of that crowd. Natasha heard and felt that several people were asking about her and looking at her. She realized that those noticing her liked her, and this observation helped to calm her.

"There are some like ourselves and some worse," she thought.

Peronskaya was pointing out to the countess the most important people at the ball.

"That is the Dutch ambassador, do you see? That gray-haired man," she said, indicating an old man with a profusion of silver-gray curly hair, who was surrounded by ladies laughing at something he said.

"Ah, here she is, the Queen of Petersburg, Countess Bezukhova," said Peronskaya, indicating Helene who had just entered. "How lovely! She is quite equal to Marya Antonovna. See how the men, young and old, pay court to her. Beautiful and clever... they say Prince--is quite mad about her. But see, those two, though not good-looking, are even more run after."

She pointed to a lady who was crossing the room followed by a very plain daughter.

"She is a splendid match, a millionairess," said Peronskaya. "And look, here come her suitors."

"That is Bezukhova's brother, Anatole Kuragin," she said, indicating a handsome officer of the Horse Guards who passed by them with head erect, looking at something over the heads of the ladies. "He's handsome, isn't he? I hear they will marry him to that rich girl."

But your cousin, Drubetskoy, is also very attentive to her. They say she has millions. Oh yes, that's the French ambassador himself!" she replied to the countess' inquiry about Caulaincourt. "Looks as if he were a king! All the same, the French are charming, very charming. No one more charming in society. Ah, here she is! Yes, she is still the most beautiful of them all, our Marya Antonovna! And how simply she is dressed! Lovely! And that stout one in spectacles is the universal Freemason," she went on, indicating Pierre. "Put him beside his wife and he looks a regular buffoon!"

Pierre, swaying his stout body, advanced, making way through the crowd and nodding to right and left as casually and good-naturedly as if he were passing through a crowd at a fair. He pushed through, evidently looking for someone.

Natasha looked joyfully at the familiar face of Pierre, "the buffoon," as Peronskaya had called him, and knew he was looking for them, and for her in particular. He had promised to be at the ball and introduce partners to her.

But before he reached them Pierre stopped beside a very handsome, dark man of middle height, and in a white uniform, who stood by a window talking to a tall man wearing stars and a ribbon. Natasha at once recognized the shorter and younger man in the white uniform: it was Bolkonski, who seemed to her to have grown much younger, happier, and better-looking.

"There's someone else we know--Bolkonski, do you see, Mamma?" said Natasha, pointing out Prince Andrew. "You remember, he stayed a night with us at Otradnoe."

"Oh, you know him?" said Peronskaya. "I can't bear him. Il fait a present la pluie et le beau temps.* He's too proud for anything. Takes after his father. And he's hand in glove with Speranski, writing some project or other. Just look how he treats the ladies! There's one talking to him and he has turned away," she said, pointing at him. "I'd give it to him if he treated me as he does those ladies."

*"He is all the rage just now."

CHAPTER XVI

Suddenly everybody stirred, began talking, and pressed forward and then back, and between the two rows, which separated, the Emperor entered to the sounds of music that had immediately struck up. Behind him walked his host and hostess. He walked in rapidly, bowing to right and left as if anxious to get the first moments of the reception over. The band played the polonaise in vogue at that time on account of the words that had been set to it, beginning: "Alexander, Elisaveta, all our hearts you ravish quite..." The Emperor passed on to the drawing room, the crowd made a rush for the doors, and several persons with excited faces hurried there and back again. Then the crowd hastily retired from the drawing-room door, at which the Emperor reappeared talking to the hostess. A young man, looking distraught, pounced down on the ladies, asking them to move aside. Some ladies, with faces betraying complete forgetfulness of all the rules of decorum, pushed forward to the detriment of their toilets. The men began to choose partners and take their places for the polonaise.

Everyone moved back, and the Emperor came smiling out of the drawing room leading his hostess by the hand but not keeping time to the music. The host followed with Marya Antonovna Naryshkina; then came ambassadors, ministers, and various generals, whom Peronskaya diligently named. More than half the ladies already had partners and were taking up, or preparing to take up, their positions for the polonaise. Natasha felt that she would be left with her mother and Sonya among a minority of women who crowded near the wall, not having been invited to dance. She stood with her slender arms hanging down, her scarcely defined bosom rising and falling regularly, and with bated breath and glittering, frightened eyes gazed straight before her, evidently prepared for the height of joy or misery. She was not concerned about the Emperor or any of those great people whom Peronskaya was pointing out--she had but one thought: "Is it possible no one will ask me, that I shall not be among the first to dance? Is it possible that not one of all these men will notice me? They do not even seem to see me, or if they do they look as if they were saying, 'Ah, she's not the one I'm after, so it's not worth looking at her!' No, it's impossible," she thought. "They must know how I long to dance, how splendidly I dance, and how they would enjoy dancing with me."

The strains of the polonaise, which had continued for a considerable time, had begun to sound like a sad reminiscence to Natasha's ears. She wanted to cry. Peronskaya had left them. The count was at the other end of the room. She and the countess and Sonya were standing by themselves as in the depths of a forest amid that crowd of strangers, with no one interested in them and not wanted by anyone. Prince Andrew with a lady passed by, evidently not recognizing them. The handsome Anatole was smilingly talking to a partner on his arm and

looked at Natasha as one looks at a wall. Boris passed them twice and each time turned away. Berg and his wife, who were not dancing, came up to them.

This family gathering seemed humiliating to Natasha--as if there were nowhere else for the family to talk but here at the ball. She did not listen to or look at Vera, who was telling her something about her own green dress.

At last the Emperor stopped beside his last partner (he had danced with three) and the music ceased. A worried aide-de-camp ran up to the Rostovs requesting them to stand farther back, though as it was they were already close to the wall, and from the gallery resounded the distinct, precise, enticingly rhythmical strains of a waltz. The Emperor looked smilingly down the room. A minute passed but no one had yet begun dancing. An aide-de-camp, the Master of Ceremonies, went up to Countess Bezukhova and asked her to dance. She smilingly raised her hand and laid it on his shoulder without looking at him. The aide-de-camp, an adept in his art, grasping his partner firmly round her waist, with confident deliberation started smoothly, gliding first round the edge of the circle, then at the corner of the room he caught Helene's left hand and turned her, the only sound audible, apart from the ever-quickenning music, being the rhythmic click of the spurs on his rapid, agile feet, while at every third beat his partner's velvet dress spread out and seemed to flash as she whirled round. Natasha gazed at them and was ready to cry because it was not she who was dancing that first turn of the waltz.

Prince Andrew, in the white uniform of a cavalry colonel, wearing stockings and dancing shoes, stood looking animated and bright in the front row of the circle not far from the Rostovs. Baron Firhoff was talking to him about the first sitting of the Council of State to be held next day. Prince Andrew, as one closely connected with Speranski and participating in the work of the legislative commission, could give reliable information about that sitting, concerning which various rumors were current. But not listening to what Firhoff was saying, he was gazing now at the sovereign and now at the men intending to dance who had not yet gathered courage to enter the circle.

Prince Andrew was watching these men abashed by the Emperor's presence, and the women who were breathlessly longing to be asked to dance.

Pierre came up to him and caught him by the arm.

"You always dance. I have a protegee, the young Rostova, here. Ask her," he said.

"Where is she?" asked Bolkonski. "Excuse me!" he added, turning to the baron, "we will finish this conversation elsewhere--at a ball one must dance." He stepped forward in the direction Pierre indicated. The despairing, dejected expression of Natasha's face caught his eye. He recognized her, guessed her feelings, saw that it was her debut, remembered her conversation at the window, and with an expression of pleasure on his face approached Countess Rostova.

"Allow me to introduce you to my daughter," said the countess, with heightened color.

"I have the pleasure of being already acquainted, if the countess remembers me," said Prince Andrew with a low and courteous bow quite belying Peronskaya's remarks about his rudeness, and approaching Natasha he held out his arm to grasp her waist before he had completed his invitation. He asked her to waltz. That tremulous expression on Natasha's face, prepared either for despair or rapture, suddenly brightened into a happy, grateful, childlike smile.

"I have long been waiting for you," that frightened happy little girl seemed to say by the smile that replaced the threatened tears, as she raised her hand to Prince Andrew's shoulder. They were the second couple to enter the circle. Prince Andrew was one of the best dancers of his day and Natasha danced exquisitely. Her little feet in their white satin dancing shoes did their work swiftly, lightly, and independently of herself, while her face beamed with ecstatic happiness. Her slender bare arms and neck were not beautiful--compared to Helene's her shoulders looked thin and her bosom undeveloped. But Helene seemed, as it were, hardened by a varnish left by the thousands of looks that had scanned her person, while Natasha was like a girl exposed for the first time, who would have felt very much ashamed had she not been assured that this was absolutely necessary.

Prince Andrew liked dancing, and wishing to escape as quickly as possible from the political and clever talk which everyone addressed to him, wishing also to break up the circle of restraint he disliked, caused by the Emperor's presence, he danced, and had chosen Natasha because Pierre pointed her out to him and because she was the first pretty girl who caught his eye; but scarcely had he embraced that slender supple figure and felt her stirring so close to him and smiling so near him than the wine of her charm rose to his head, and he felt himself revived and rejuvenated when after leaving her he stood breathing deeply and watching the other dancers.

CHAPTER XVII

After Prince Andrew, Boris came up to ask Natasha for dance, and then the aide-de-camp who had opened the ball, and several other young men, so that, flushed and happy, and passing on her superfluous partners to Sonya, she did not cease dancing all the evening. She noticed and saw nothing of what occupied everyone else. Not only did she fail to notice that the Emperor talked a long time with the French ambassador, and how particularly gracious he was to a certain lady, or that Prince So-and-so and So-and-so did and said this and that, and that Helene had great success and was honored was by the special attention of So-and-so, but she did not even see the Emperor, and only noticed that he had gone because the ball became livelier after his departure. For one of the merry cotillions before supper Prince Andrew was again her partner. He reminded her of their first encounter in the Otradnoe avenue, and how she had been unable to sleep that moonlight night, and told her how he had involuntarily overheard her. Natasha blushed at that recollection and tried to excuse herself, as if there had been something to be ashamed of in what Prince Andrew had overheard.

Like all men who have grown up in society, Prince Andrew liked meeting someone there not of the conventional society stamp. And such was Natasha, with her surprise, her delight, her shyness, and even her mistakes in speaking French. With her he behaved with special care and tenderness, sitting beside her and talking of the simplest and most unimportant matters; he admired her shy grace. In the middle of the cotillion, having completed one of the figures, Natasha, still out of breath, was returning to her seat when another dancer chose her. She was tired and panting and evidently thought of declining, but immediately put her hand gaily on the man's shoulder, smiling at Prince Andrew.

"I'd be glad to sit beside you and rest: I'm tired; but you see how they keep asking me, and I'm glad of it, I'm happy and I love everybody, and you and I understand it all," and much, much more was said in her smile. When her partner left her Natasha ran across the room to choose two ladies for the figure.

"If she goes to her cousin first and then to another lady, she will be my wife," said Prince Andrew to himself quite to his own surprise, as he watched her. She did go first to her cousin.

"What rubbish sometimes enters one's head!" thought Prince Andrew, "but what is certain is that that girl is so charming, so original, that she won't be dancing here a month before she will be

married.... Such as she are rare here," he thought, as Natasha, readjusting a rose that was slipping on her bodice, settled herself beside him.

When the cotillion was over the old count in his blue coat came up to the dancers. He invited Prince Andrew to come and see them, and asked his daughter whether she was enjoying herself. Natasha did not answer at once but only looked up with a smile that said reproachfully: "How can you ask such a question?"

"I have never enjoyed myself so much before!" she said, and Prince Andrew noticed how her thin arms rose quickly as if to embrace her father and instantly dropped again. Natasha was happier than she had ever been in her life. She was at that height of bliss when one becomes completely kind and good and does not believe in the possibility of evil, unhappiness, or sorrow.

At that ball Pierre for the first time felt humiliated by the position his wife occupied in court circles. He was gloomy and absent-minded. A deep furrow ran across his forehead, and standing by a window he stared over his spectacles seeing no one.

On her way to supper Natasha passed him.

Pierre's gloomy, unhappy look struck her. She stopped in front of him. She wished to help him, to bestow on him the superabundance of her own happiness.

"How delightful it is, Count!" said she. "Isn't it?"

Pierre smiled absent-mindedly, evidently not grasping what she said.

"Yes, I am very glad," he said.

"How can people be dissatisfied with anything?" thought Natasha. "Especially such a capital fellow as Bezukhov!" In Natasha's eyes all the people at the ball alike were good, kind, and splendid people, loving one another; none of them capable of injuring another--and so they ought all to be happy.

CHAPTER XVIII

Next day Prince Andrew thought of the ball, but his mind did not

dwell on it long. "Yes, it was a very brilliant ball," and then...
 "Yes, that little Rostova is very charming. There's something fresh, original, un-Petersburg-like about her that distinguishes her." That was all he thought about yesterday's ball, and after his morning tea he set to work.

But either from fatigue or want of sleep he was ill-disposed for work and could get nothing done. He kept criticizing his own work, as he often did, and was glad when he heard someone coming.

The visitor was Bitski, who served on various committees, frequented all the societies in Petersburg, and a passionate devotee of the new ideas and of Speranski, and a diligent Petersburg newsmonger--one of those men who choose their opinions like their clothes according to the fashion, but who for that very reason appear to be the warmest partisans. Hardly had he got rid of his hat before he ran into Prince Andrew's room with a preoccupied air and at once began talking. He had just heard particulars of that morning's sitting of the Council of State opened by the Emperor, and he spoke of it enthusiastically. The Emperor's speech had been extraordinary. It had been a speech such as only constitutional monarchs deliver. "The Sovereign plainly said that the Council and Senate are estates of the realm, he said that the government must rest not on authority but on secure bases. The Emperor said that the fiscal system must be reorganized and the accounts published," recounted Bitski, emphasizing certain words and opening his eyes significantly.

"Ah, yes! Today's events mark an epoch, the greatest epoch in our history," he concluded.

Prince Andrew listened to the account of the opening of the Council of State, which he had so impatiently awaited and to which he had attached such importance, and was surprised that this event, now that it had taken place, did not affect him, and even seemed quite insignificant. He listened with quiet irony to Bitski's enthusiastic account of it. A very simple thought occurred to him: "What does it matter to me or to Bitski what the Emperor was pleased to say at the Council? Can all that make me any happier or better?"

And this simple reflection suddenly destroyed all the interest Prince Andrew had felt in the impending reforms. He was going to dine that evening at Speranski's, "with only a few friends," as the host had said when inviting him. The prospect of that dinner in the intimate home circle of the man he so admired had greatly interested Prince Andrew, especially as he had not yet seen Speranski in his domestic surroundings, but now he felt disinclined to go to it.

At the appointed hour, however, he entered the modest house

Speranski owned in the Taurida Gardens. In the parqueted dining room this small house, remarkable for its extreme cleanliness (suggesting that of a monastery), Prince Andrew, who was rather late, found the friendly gathering of Speranski's intimate acquaintances already assembled at five o'clock. There were no ladies present except Speranski's little daughter (long-faced like her father) and her governess. The other guests were Gervais, Magnitski, and Stolypin. While still in the anteroom Prince Andrew heard loud voices and a ringing staccato laugh--a laugh such as one hears on the stage. Someone--it sounded like Speranski--was distinctly ejaculating ha-ha-ha. Prince Andrew had never before heard Speranski's famous laugh, and this ringing, high pitched laughter from a statesman made a strange impression on him.

He entered the dining room. The whole company were standing between two windows at a small table laid with hors-d'oeuvres. Speranski, wearing a gray swallow-tail coat with a star on the breast, and evidently still the same waistcoat and high white stock he had worn at the meeting of the Council of State, stood at the table with a beaming countenance. His guests surrounded him. Magnitski, addressing himself to Speranski, was relating an anecdote, and Speranski was laughing in advance at what Magnitski was going to say. When Prince Andrew entered the room Magnitski's words were again crowned by laughter. Stolypin gave a deep bass guffaw as he munched a piece of bread and cheese. Gervais laughed softly with a hissing chuckle, and Speranski in a high-pitched staccato manner.

Still laughing, Speranski held out his soft white hand to Prince Andrew.

"Very pleased to see you, Prince," he said. "One moment..." he went on, turning to Magnitski and interrupting his story. "We have agreed that this is a dinner for recreation, with not a word about business!" and turning again to the narrator he began to laugh afresh.

Prince Andrew looked at the laughing Speranski with astonishment, regret, and disillusionment. It seemed to him that this was not Speranski but someone else. Everything that had formerly appeared mysterious and fascinating in Speranski suddenly became plain and unattractive.

At dinner the conversation did not cease for a moment and seemed to consist of the contents of a book of funny anecdotes. Before Magnitski had finished his story someone else was anxious to relate something still funnier. Most of the anecdotes, if not relating to the state service, related to people in the service. It seemed that in this company the insignificance of those people was so definitely accepted that the only possible attitude toward them was one of good

humored ridicule. Speranski related how at the Council that morning a deaf dignitary, when asked his opinion, replied that he thought so too. Gervais gave a long account of an official revision, remarkable for the stupidity of everybody concerned. Stolypin, stuttering, broke into the conversation and began excitedly talking of the abuses that existed under the former order of things--threatening to give a serious turn to the conversation. Magnitski starting quizzing Stolypin about his vehemence. Gervais intervened with a joke, and the talk reverted to its former lively tone.

Evidently Speranski liked to rest after his labors and find amusement in a circle of friends, and his guests, understanding his wish, tried to enliven him and amuse themselves. But their gaiety seemed to Prince Andrew mirthless and tiresome. Speranski's high-pitched voice struck him unpleasantly, and the incessant laughter grated on him like a false note. Prince Andrew did not laugh and feared that he would be a damper on the spirits of the company, but no one took any notice of his being out of harmony with the general mood. They all seemed very gay.

He tried several times to join in the conversation, but his remarks were tossed aside each time like a cork thrown out of the water, and he could not jest with them.

There was nothing wrong or unseemly in what they said, it was witty and might have been funny, but it lacked just that something which is the salt of mirth, and they were not even aware that such a thing existed.

After dinner Speranski's daughter and her governess rose. He patted the little girl with his white hand and kissed her. And that gesture, too, seemed unnatural to Prince Andrew.

The men remained at table over their port--English fashion. In the midst of a conversation that was started about Napoleon's Spanish affairs, which they all agreed in approving, Prince Andrew began to express a contrary opinion. Speranski smiled and, with an evident wish to prevent the conversation from taking an unpleasant course, told a story that had no connection with the previous conversation. For a few moments all were silent.

Having sat some time at table, Speranski corked a bottle of wine and, remarking, "Nowadays good wine rides in a carriage and pair," passed it to the servant and got up. All rose and continuing to talk loudly went into the drawing room. Two letters brought by a courier were handed to Speranski and he took them to his study. As soon as he had left the room the general merriment stopped and the guests began to converse sensibly and quietly with one another.

"Now for the recitation!" said Speranski on returning from his study. "A wonderful talent!" he said to Prince Andrew, and Magnitski immediately assumed a pose and began reciting some humorous verses in French which he had composed about various well-known Petersburg people. He was interrupted several times by applause. When the verses were finished Prince Andrew went up to Speranski and took his leave.

"Where are you off to so early?" asked Speranski.

"I promised to go to a reception."

They said no more. Prince Andrew looked closely into those mirrorlike, impenetrable eyes, and felt that it had been ridiculous of him to have expected anything from Speranski and from any of his own activities connected with him, or ever to have attributed importance to what Speranski was doing. That precise, mirthless laughter rang in Prince Andrew's ears long after he had left the house.

When he reached home Prince Andrew began thinking of his life in Petersburg during those last four months as if it were something new. He recalled his exertions and solicitations, and the history of his project of army reform, which had been accepted for consideration and which they were trying to pass over in silence simply because another, a very poor one, had already been prepared and submitted to the Emperor. He thought of the meetings of a committee of which Berg was a member. He remembered how carefully and at what length everything relating to form and procedure was discussed at those meetings, and how sedulously and promptly all that related to the gist of the business was evaded. He recalled his labors on the Legal Code, and how painstakingly he had translated the articles of the Roman and French codes into Russian, and he felt ashamed of himself. Then he vividly pictured to himself Bogucharovo, his occupations in the country, his journey to Ryazan; he remembered the peasants and Dron the village elder, and mentally applying to them the Personal Rights he had divided into paragraphs, he felt astonished that he could have spent so much time on such useless work.

CHAPTER XIX

Next day Prince Andrew called at a few houses he had not visited before, and among them at the Rostovs' with whom he had renewed

acquaintance at the ball. Apart from considerations of politeness which demanded the call, he wanted to see that original, eager girl who had left such a pleasant impression on his mind, in her own home.

Natasha was one of the first to meet him. She was wearing a dark-blue house dress in which Prince Andrew thought her even prettier than in her ball dress. She and all the Rostov family welcomed him as an old friend, simply and cordially. The whole family, whom he had formerly judged severely, now seemed to him to consist of excellent, simple, and kindly people. The old count's hospitality and good nature, which struck one especially in Petersburg as a pleasant surprise, were such that Prince Andrew could not refuse to stay to dinner. "Yes," he thought, "they are capital people, who of course have not the slightest idea what a treasure they possess in Natasha; but they are kindly folk and form the best possible setting for this strikingly poetic, charming girl, overflowing with life!"

In Natasha Prince Andrew was conscious of a strange world completely alien to him and brimful of joys unknown to him, a different world, that in the Otradnoe avenue and at the window that moonlight night had already begun to disconcert him. Now this world disconcerted him no longer and was no longer alien to him, but he himself having entered it found in it a new enjoyment.

After dinner Natasha, at Prince Andrew's request, went to the clavichord and began singing. Prince Andrew stood by a window talking to the ladies and listened to her. In the midst of a phrase he ceased speaking and suddenly felt tears choking him, a thing he had thought impossible for him. He looked at Natasha as she sang, and something new and joyful stirred in his soul. He felt happy and at the same time sad. He had absolutely nothing to weep about yet he was ready to weep. What about? His former love? The little princess? His disillusionments?... His hopes for the future?... Yes and no. The chief reason was a sudden, vivid sense of the terrible contrast between something infinitely great and illimitable within him and that limited and material something that he, and even she, was. This contrast weighed on and yet cheered him while she sang.

As soon as Natasha had finished she went up to him and asked how he liked her voice. She asked this and then became confused, feeling that she ought not to have asked it. He smiled, looking at her, and said he liked her singing as he liked everything she did.

Prince Andrew left the Rostovs' late in the evening. He went to bed from habit, but soon realized that he could not sleep. Having lit his candle he sat up in bed, then got up, then lay down again not at all troubled by his sleeplessness: his soul was as fresh and joyful as if he had stepped out of a stuffy room into God's own

fresh air. It did not enter his head that he was in love with Natasha; he was not thinking about her, but only picturing her to himself, and in consequence all life appeared in a new light. "Why do I strive, why do I toil in this narrow, confined frame, when life, all life with all its joys, is open to me?" said he to himself. And for the first time for a very long while he began making happy plans for the future. He decided that he must attend to his son's education by finding a tutor and putting the boy in his charge, then he ought to retire from the service and go abroad, and see England, Switzerland and Italy. "I must use my freedom while I feel so much strength and youth in me," he said to himself. "Pierre was right when he said one must believe in the possibility of happiness in order to be happy, and now I do believe in it. Let the dead bury their dead, but while one has life one must live and be happy!" thought he.

CHAPTER XX

One morning Colonel Berg, whom Pierre knew as he knew everybody in Moscow and Petersburg, came to see him. Berg arrived in an immaculate brand-new uniform, with his hair pomaded and brushed forward over his temples as the Emperor Alexander wore his hair.

"I have just been to see the countess, your wife. Unfortunately she could not grant my request, but I hope, Count, I shall be more fortunate with you," he said with a smile.

"What is it you wish, Colonel? I am at your service."

"I have now quite settled in my new rooms, Count" (Berg said this with perfect conviction that this information could not but be agreeable), "and so I wish to arrange just a small party for my own and my wife's friends." (He smiled still more pleasantly.) "I wished to ask the countess and you to do me the honor of coming to tea and to supper."

Only Countess Helene, considering the society of such people as the Bergs beneath her, could be cruel enough to refuse such an invitation. Berg explained so clearly why he wanted to collect at his house a small but select company, and why this would give him pleasure, and why though he grudged spending money on cards or anything harmful, he was prepared to run into some expense for the sake of good society--that Pierre could not refuse, and promised to come.

"But don't be late, Count, if I may venture to ask; about ten minutes to eight, please. We shall make up a rubber. Our general is coming. He is very good to me. We shall have supper, Count. So you will do me the favor."

Contrary to his habit of being late, Pierre on that day arrived at the Bergs' house, not at ten but at fifteen minutes to eight.

Having prepared everything necessary for the party, the Bergs were ready for their guests' arrival.

In their new, clean, and light study with its small busts and pictures and new furniture sat Berg and his wife. Berg, closely buttoned up in his new uniform, sat beside his wife explaining to her that one always could and should be acquainted with people above one, because only then does one get satisfaction from acquaintances.

"You can get to know something, you can ask for something. See how I managed from my first promotion." (Berg measured his life not by years but by promotions.) "My comrades are still nobodies, while I am only waiting for a vacancy to command a regiment, and have the happiness to be your husband." (He rose and kissed Vera's hand, and on the way to her straightened out a turned-up corner of the carpet.) "And how have I obtained all this? Chiefly by knowing how to choose my acquaintances. It goes without saying that one must be conscientious and methodical."

Berg smiled with a sense of his superiority over a weak woman, and paused, reflecting that this dear wife of his was after all but a weak woman who could not understand all that constitutes a man's dignity, what it was ein Mann zu sein.* Vera at the same time smiling with a sense of superiority over her good, conscientious husband, who all the same understood life wrongly, as according to Vera all men did. Berg, judging by his wife, thought all women weak and foolish. Vera, judging only by her husband and generalizing from that observation, supposed that all men, though they understand nothing and are conceited and selfish, ascribe common sense to themselves alone.

*To be a man.

Berg rose and embraced his wife carefully, so as not to crush her lace fichu for which he had paid a good price, kissing her straight on the lips.

"The only thing is, we mustn't have children too soon," he

continued, following an unconscious sequence of ideas.

"Yes," answered Vera, "I don't at all want that. We must live for society."

"Princess Yusupova wore one exactly like this," said Berg, pointing to the fichu with a happy and kindly smile.

Just then Count Bezukhov was announced. Husband and wife glanced at one another, both smiling with self-satisfaction, and each mentally claiming the honor of this visit.

"This is what what comes of knowing how to make acquaintances," thought Berg. "This is what comes of knowing how to conduct oneself."

"But please don't interrupt me when I am entertaining the guests," said Vera, "because I know what interests each of them and what to say to different people."

Berg smiled again.

"It can't be helped: men must sometimes have masculine conversation," said he.

They received Pierre in their small, new drawing-room, where it was impossible to sit down anywhere without disturbing its symmetry, neatness, and order; so it was quite comprehensible and not strange that Berg, having generously offered to disturb the symmetry of an armchair or of the sofa for his dear guest, but being apparently painfully undecided on the matter himself, eventually left the visitor to settle the question of selection. Pierre disturbed the symmetry by moving a chair for himself, and Berg and Vera immediately began their evening party, interrupting each other in their efforts to entertain their guest.

Vera, having decided in her own mind that Pierre ought to be entertained with conversation about the French embassy, at once began accordingly. Berg, having decided that masculine conversation was required, interrupted his wife's remarks and touched on the question of the war with Austria, and unconsciously jumped from the general subject to personal considerations as to the proposals made him to take part in the Austrian campaign and the reasons why he had declined them. Though the conversation was very incoherent and Vera was angry at the intrusion of the masculine element, both husband and wife felt with satisfaction that, even if only one guest was present, their evening had begun very well and was as like as two peas to every other evening party with its talk, tea, and lighted candles.

Before long Boris, Berg's old comrade, arrived. There was a shade of condescension and patronage in his treatment of Berg and Vera. After Boris came a lady with the colonel, then the general himself, then the Rostovs, and the party became unquestionably exactly like all other evening parties. Berg and Vera could not repress their smiles of satisfaction at the sight of all this movement in their drawing room, at the sound of the disconnected talk, the rustling of dresses, and the bowing and scraping. Everything was just as everybody always has it, especially so the general, who admired the apartment, patted Berg on the shoulder, and with parental authority superintended the setting out of the table for boston. The general sat down by Count Ilya Rostov, who was next to himself the most important guest. The old people sat with the old, the young with the young, and the hostess at the tea table, on which stood exactly the same kind of cakes in a silver cake basket as the Panins had at their party. Everything was just as it was everywhere else.

CHAPTER XXI

Pierre, as one of the principal guests, had to sit down to boston with Count Rostov, the general, and the colonel. At the card table he happened to be directly facing Natasha, and was struck by a curious change that had come over her since the ball. She was silent, and not only less pretty than at the ball, but only redeemed from plainness by her look of gentle indifference to everything around.

"What's the matter with her?" thought Pierre, glancing at her. She was sitting by her sister at the tea table, and reluctantly, without looking at him, made some reply to Boris who sat down beside her. After playing out a whole suit and to his partner's delight taking five tricks, Pierre, hearing greetings and the steps of someone who had entered the room while he was picking up his tricks, glanced again at Natasha.

"What has happened to her?" he asked himself with still greater surprise.

Prince Andrew was standing before her, saying something to her with a look of tender solicitude. She, having raised her head, was looking up at him, flushed and evidently trying to master her rapid breathing. And the bright glow of some inner fire that had been suppressed was again alight in her. She was completely transformed and from a plain girl had again become what she had been at the ball.

Prince Andrew went up to Pierre, and the latter noticed a new and youthful expression in his friend's face.

Pierre changed places several times during the game, sitting now with his back to Natasha and now facing her, but during the whole of the six rubbers he watched her and his friend.

"Something very important is happening between them," thought Pierre, and a feeling that was both joyful and painful agitated him and made him neglect the game.

After six rubbers the general got up, saying that it was no use playing like that, and Pierre was released. Natasha on one side was talking with Sonya and Boris, and Vera with a subtle smile was saying something to Prince Andrew. Pierre went up to his friend and, asking whether they were talking secrets, sat down beside them. Vera, having noticed Prince Andrew's attentions to Natasha, decided that at a party, a real evening party, subtle allusions to the tender passion were absolutely necessary and, seizing a moment when Prince Andrew was alone, began a conversation with him about feelings in general and about her sister. With so intellectual a guest as she considered Prince Andrew to be, she felt that she had to employ her diplomatic tact.

When Pierre went up to them he noticed that Vera was being carried away by her self-satisfied talk, but that Prince Andrew seemed embarrassed, a thing that rarely happened with him.

"What do you think?" Vera was saying with an arch smile. "You are so discerning, Prince, and understand people's characters so well at a glance. What do you think of Natalie? Could she be constant in her attachments? Could she, like other women" (Vera meant herself), "love a man once for all and remain true to him forever? That is what I consider true love. What do you think, Prince?"

"I know your sister too little," replied Prince Andrew, with a sarcastic smile under which he wished to hide his embarrassment, "to be able to solve so delicate a question, and then I have noticed that the less attractive a woman is the more constant she is likely to be," he added, and looked up Pierre who was just approaching them.

"Yes, that is true, Prince. In our days," continued Vera--mentioning "our days" as people of limited intelligence are fond of doing, imagining that they have discovered and appraised the peculiarities of "our days" and that human characteristics change with the times--"in our days a girl has so much freedom that the pleasure of being courted often stifles real feeling in her. And it must be confessed that

Natalie is very susceptible." This return to the subject of Natalie caused Prince Andrew to knit his brows with discomfort: he was about to rise, but Vera continued with a still more subtle smile:

"I think no one has been more courted than she," she went on, "but till quite lately she never cared seriously for anyone. Now you know, Count," she said to Pierre, "even our dear cousin Boris, who, between ourselves, was very far gone in the land of tenderness..." (alluding to a map of love much in vogue at that time).

Prince Andrew frowned and remained silent.

"You are friendly with Boris, aren't you?" asked Vera.

"Yes, I know him..."

"I expect he has told you of his childish love for Natasha?"

"Oh, there was childish love?" suddenly asked Prince Andrew, blushing unexpectedly.

"Yes, you know between cousins intimacy often leads to love. Le cousinage est un dangereux voisinage.* Don't you think so?"

*"Cousinhood is a dangerous neighborhood."

"Oh, undoubtedly!" said Prince Andrew, and with sudden and unnatural liveliness he began chaffing Pierre about the need to be very careful with his fifty-year-old Moscow cousins, and in the midst of these jesting remarks he rose, taking Pierre by the arm, and drew him aside.

"Well?" asked Pierre, seeing his friend's strange animation with surprise, and noticing the glance he turned on Natasha as he rose.

"I must... I must have a talk with you," said Prince Andrew. "You know that pair of women's gloves?" (He referred to the Masonic gloves given to a newly initiated Brother to present to the woman he loved.) "I... but no, I will talk to you later on," and with a strange light in his eyes and restlessness in his movements, Prince Andrew approached Natasha and sat down beside her. Pierre saw how Prince Andrew asked her something and how she flushed as she replied.

But at that moment Berg came to Pierre and began insisting that he should take part in an argument between the general and the colonel on the affairs in Spain.

Berg was satisfied and happy. The smile of pleasure never left his face. The party was very successful and quite like other parties he had seen. Everything was similar: the ladies' subtle talk, the cards, the general raising his voice at the card table, and the samovar and the tea cakes; only one thing was lacking that he had always seen at the evening parties he wished to imitate. They had not yet had a loud conversation among the men and a dispute about something important and clever. Now the general had begun such a discussion and so Berg drew Pierre to it.

CHAPTER XXII

Next day, having been invited by the count, Prince Andrew dined with the Rostovs and spent the rest of the day there.

Everyone in the house realized for whose sake Prince Andrew came, and without concealing it he tried to be with Natasha all day. Not only in the soul of the frightened yet happy and enraptured Natasha, but in the whole house, there was a feeling of awe at something important that was bound to happen. The countess looked with sad and sternly serious eyes at Prince Andrew when he talked to Natasha and timidly started some artificial conversation about trifles as soon as he looked her way. Sonya was afraid to leave Natasha and afraid of being in the way when she was with them. Natasha grew pale, in a panic of expectation, when she remained alone with him for a moment. Prince Andrew surprised her by his timidity. She felt that he wanted to say something to her but could not bring himself to do so.

In the evening, when Prince Andrew had left, the countess went up to Natasha and whispered: "Well, what?"

"Mamma! For heaven's sake don't ask me anything now! One can't talk about that," said Natasha.

But all the same that night Natasha, now agitated and now frightened, lay a long time in her mother's bed gazing straight before her. She told her how he had complimented her, how he told her he was going abroad, asked her where they were going to spend the summer, and then how he had asked her about Boris.

"But such a... such a... never happened to me before!" she said.

"Only I feel afraid in his presence. I am always afraid when I'm

with him. What does that mean? Does it mean that it's the real thing? Yes? Mamma, are you asleep?"

"No, my love; I am frightened myself," answered her mother. "Now go!"

"All the same I shan't sleep. What silliness, to sleep! Mummy! Mummy! such a thing never happened to me before," she said, surprised and alarmed at the feeling she was aware of in herself. "And could we ever have thought!..."

It seemed to Natasha that even at the time she first saw Prince Andrew at Otradnoe she had fallen in love with him. It was as if she feared this strange, unexpected happiness of meeting again the very man she had then chosen (she was firmly convinced she had done so) and of finding him, as it seemed, not indifferent to her.

"And it had to happen that he should come specially to Petersburg while we are here. And it had to happen that we should meet at that ball. It is fate. Clearly it is fate that everything led up to this! Already then, directly I saw him I felt something peculiar."

"What else did he say to you? What are those verses? Read them..." said her mother, thoughtfully, referring to some verses Prince Andrew had written in Natasha's album.

"Mamma, one need not be ashamed of his being a widower?"

"Don't, Natasha! Pray to God. 'Marriages are made in heaven,'" said her mother.

"Darling Mummy, how I love you! How happy I am!" cried Natasha, shedding tears of joy and excitement and embracing her mother.

At that very time Prince Andrew was sitting with Pierre and telling him of his love for Natasha and his firm resolve to make her his wife.

That day Countess Helene had a reception at her house. The French ambassador was there, and a foreign prince of the blood who had of late become a frequent visitor of hers, and many brilliant ladies and gentlemen. Pierre, who had come downstairs, walked through the rooms and struck everyone by his preoccupied, absent-minded, and morose air.

Since the ball he had felt the approach of a fit of nervous depression and had made desperate efforts to combat it. Since the intimacy of his wife with the royal prince, Pierre had unexpectedly

been made a gentleman of the bedchamber, and from that time he had begun to feel oppressed and ashamed in court society, and dark thoughts of the vanity of all things human came to him oftener than before. At the same time the feeling he had noticed between his protegee Natasha and Prince Andrew accentuated his gloom by the contrast between his own position and his friend's. He tried equally to avoid thinking about his wife, and about Natasha and Prince Andrew; and again everything seemed to him insignificant in comparison with eternity; again the question: for what? presented itself; and he forced himself to work day and night at Masonic labors, hoping to drive away the evil spirit that threatened him. Toward midnight, after he had left the countess' apartments, he was sitting upstairs in a shabby dressing gown, copying out the original transaction of the Scottish lodge of Freemasons at a table in his low room cloudy with tobacco smoke, when someone came in. It was Prince Andrew.

"Ah, it's you!" said Pierre with a preoccupied, dissatisfied air. "And I, you see, am hard at it." He pointed to his manuscript book with that air of escaping from the ills of life with which unhappy people look at their work.

Prince Andrew, with a beaming, ecstatic expression of renewed life on his face, paused in front of Pierre and, not noticing his sad look, smiled at him with the egotism of joy.

"Well, dear heart," said he, "I wanted to tell you about it yesterday and I have come to do so today. I never experienced anything like it before. I am in love, my friend!"

Suddenly Pierre heaved a deep sigh and dumped his heavy person down on the sofa beside Prince Andrew.

"With Natasha Rostova, yes?" said he.

"Yes, yes! Who else should it be? I should never have believed it, but the feeling is stronger than I. Yesterday I tormented myself and suffered, but I would not exchange even that torment for anything in the world, I have not lived till now. At last I live, but I can't live without her! But can she love me?... I am too old for her.... Why don't you speak?"

"I? I? What did I tell you?" said Pierre suddenly, rising and beginning to pace up and down the room. "I always thought it.... That girl is such a treasure... she is a rare girl.... My dear friend, I entreat you, don't philosophize, don't doubt, marry, marry, marry.... And I am sure there will not be a happier man than you."

"But what of her?"

"She loves you."

"Don't talk rubbish..." said Prince Andrew, smiling and looking into Pierre's eyes.

"She does, I know," Pierre cried fiercely.

"But do listen," returned Prince Andrew, holding him by the arm. "Do you know the condition I am in? I must talk about it to someone."

"Well, go on, go on. I am very glad," said Pierre, and his face really changed, his brow became smooth, and he listened gladly to Prince Andrew. Prince Andrew seemed, and really was, quite a different, quite a new man. Where was his spleen, his contempt for life, his disillusionment? Pierre was the only person to whom he made up his mind to speak openly; and to him he told all that was in his soul. Now he boldly and lightly made plans for an extended future, said he could not sacrifice his own happiness to his father's caprice, and spoke of how he would either make his father consent to this marriage and love her, or would do without his consent; then he marveled at the feeling that had mastered him as at something strange, apart from and independent of himself.

"I should not have believed anyone who told me that I was capable of such love," said Prince Andrew. "It is not at all the same feeling that I knew in the past. The whole world is now for me divided into two halves: one half is she, and there all is joy, hope, light: the other half is everything where she is not, and there is all gloom and darkness...."

"Darkness and gloom," reiterated Pierre: "yes, yes, I understand that."

"I cannot help loving the light, it is not my fault. And I am very happy! You understand me? I know you are glad for my sake."

"Yes, yes," Pierre assented, looking at his friend with a touched and sad expression in his eyes. The brighter Prince Andrew's lot appeared to him, the gloomier seemed his own.

CHAPTER XXIII

Prince Andrew needed his father's consent to his marriage, and to obtain this he started for the country next day.

His father received his son's communication with external composure, but inward wrath. He could not comprehend how anyone could wish to alter his life or introduce anything new into it, when his own life was already ending. "If only they would let me end my days as I want to," thought the old man, "then they might do as they please." With his son, however, he employed the diplomacy he reserved for important occasions and, adopting a quiet tone, discussed the whole matter.

In the first place the marriage was not a brilliant one as regards birth, wealth, or rank. Secondly, Prince Andrew was no longer as young as he had been and his health was poor (the old man laid special stress on this), while she was very young. Thirdly, he had a son whom it would be a pity to entrust to a child of a girl. "Fourthly and finally," the father said, looking ironically at his son, "I beg you to put it off for a year: go abroad, take a cure, look out as you wanted to for a German tutor for Prince Nicholas. Then if your love or passion or obstinacy--as you please--is still as great, marry! And that's my last word on it. Mind, the last..." concluded the prince, in a tone which showed that nothing would make him alter his decision.

Prince Andrew saw clearly that the old man hoped that his feelings, or his fiancée's, would not stand a year's test, or that he (the old prince himself) would die before then, and he decided to conform to his father's wish--to propose, and postpone the wedding for a year.

Three weeks after the last evening he had spent with the Rostovs, Prince Andrew returned to Petersburg.

Next day after her talk with her mother Natasha expected Bolkonski all day, but he did not come. On the second and third day it was the same. Pierre did not come either and Natasha, not knowing that Prince Andrew had gone to see his father, could not explain his absence to herself.

Three weeks passed in this way. Natasha had no desire to go out anywhere and wandered from room to room like a shadow, idle and listless; she wept secretly at night and did not go to her mother in the evenings. She blushed continually and was irritable. It seemed to her that everybody knew about her disappointment and was laughing at her and pitying her. Strong as was her inward grief, this wound to her vanity intensified her misery.

Once she came to her mother, tried to say something, and suddenly began to cry. Her tears were those of an offended child who does not know why it is being punished.

The countess began to soothe Natasha, who after first listening to her mother's words, suddenly interrupted her:

"Leave off, Mamma! I don't think, and don't want to think about it! He just came and then left off, left off..."

Her voice trembled, and she again nearly cried, but recovered and went on quietly:

"And I don't at all want to get married. And I am afraid of him; I have now become quite calm, quite calm."

The day after this conversation Natasha put on the old dress which she knew had the peculiar property of conducing to cheerfulness in the mornings, and that day she returned to the old way of life which she had abandoned since the ball. Having finished her morning tea she went to the ballroom, which she particularly liked for its loud resonance, and began singing her solfeggio. When she had finished her first exercise she stood still in the middle of the room and sang a musical phrase that particularly pleased her. She listened joyfully (as though she had not expected it) to the charm of the notes reverberating, filling the whole empty ballroom, and slowly dying away; and all at once she felt cheerful. "What's the good of making so much of it? Things are nice as it is," she said to herself, and she began walking up and down the room, not stepping simply on the resounding parquet but treading with each step from the heel to the toe (she had on a new and favorite pair of shoes) and listening to the regular tap of the heel and creak of the toe as gladly as she had to the sounds of her own voice. Passing a mirror she glanced into it. "There, that's me!" the expression of her face seemed to say as she caught sight of herself. "Well, and very nice too! I need nobody."

A footman wanted to come in to clear away something in the room but she would not let him, and having closed the door behind him continued her walk. That morning she had returned to her favorite mood--love of, and delight in, herself. "How charming that Natasha is!" she said again, speaking as some third, collective, male person. "Pretty, a good voice, young, and in nobody's way if only they leave her in peace." But however much they left her in peace she could not now be at peace, and immediately felt this.

In the hall the porch door opened, and someone asked, "At home?" and then footsteps were heard. Natasha was looking at the mirror, but

did not see herself. She listened to the sounds in the hall. When she saw herself, her face was pale. It was he. She knew this for certain, though she hardly heard his voice through the closed doors.

Pale and agitated, Natasha ran into the drawing room.

"Mamma! Bolkonski has come!" she said. "Mamma, it is awful, it is unbearable! I don't want... to be tormented? What am I to do?..."

Before the countess could answer, Prince Andrew entered the room with an agitated and serious face. As soon as he saw Natasha his face brightened. He kissed the countess' hand and Natasha's, and sat down beside the sofa.

"It is long since we had the pleasure..." began the countess, but Prince Andrew interrupted her by answering her intended question, obviously in haste to say what he had to.

"I have not been to see all this time because I have been at my father's. I had to talk over a very important matter with him. I only got back last night," he said glancing at Natasha; "I want to have a talk with you, Countess," he added after a moment's pause.

The countess lowered her eyes, sighing deeply.

"I am at your disposal," she murmured.

Natasha knew that she ought to go away, but was unable to do so: something gripped her throat, and regardless of manners she stared straight at Prince Andrew with wide-open eyes.

"At once? This instant!... No, it can't be!" she thought.

Again he glanced at her, and that glance convinced her that she was not mistaken. Yes, at once, that very instant, her fate would be decided.

"Go, Natasha! I will call you," said the countess in a whisper.

Natasha glanced with frightened imploring eyes at Prince Andrew and at her mother and went out.

"I have come, Countess, to ask for your daughter's hand," said Prince Andrew.

The countess' face flushed hotly, but she said nothing.

"Your offer..." she began at last sedately. He remained silent,

looking into her eyes. "Your offer..." (she grew confused) "is agreeable to us, and I accept your offer. I am glad. And my husband... I hope... but it will depend on her..."

"I will speak to her when I have your consent... Do you give it to me?" said Prince Andrew.

"Yes," replied the countess. She held out her hand to him, and with a mixed feeling of estrangement and tenderness pressed her lips to his forehead as he stooped to kiss her hand. She wished to love him as a son, but felt that to her he was a stranger and a terrifying man. "I am sure my husband will consent," said the countess, "but your father..."

"My father, to whom I have told my plans, has made it an express condition of his consent that the wedding is not to take place for a year. And I wished to tell you of that," said Prince Andrew.

"It is true that Natasha is still young, but--so long as that?..."

"It is unavoidable," said Prince Andrew with a sigh.

"I will send her to you," said the countess, and left the room.

"Lord have mercy upon us!" she repeated while seeking her daughter.

Sonya said that Natasha was in her bedroom. Natasha was sitting on the bed, pale and dry eyed, and was gazing at the icons and whispering something as she rapidly crossed herself. Seeing her mother she jumped up and flew to her.

"Well, Mamma?... Well?..."

"Go, go to him. He is asking for your hand," said the countess, coldly it seemed to Natasha. "Go... go," said the mother, sadly and reproachfully, with a deep sigh, as her daughter ran away.

Natasha never remembered how she entered the drawing room. When she came in and saw him she paused. "Is it possible that this stranger has now become everything to me?" she asked herself, and immediately answered, "Yes, everything! He alone is now dearer to me than everything in the world." Prince Andrew came up to her with downcast eyes.

"I have loved you from the very first moment I saw you. May I hope?"

He looked at her and was struck by the serious impassioned expression of her face. Her face said: "Why ask? Why doubt what you

cannot but know? Why speak, when words cannot express what one feels?"

She drew near to him and stopped. He took her hand and kissed it.

"Do you love me?"

"Yes, yes!" Natasha murmured as if in vexation. Then she sighed loudly and, catching her breath more and more quickly, began to sob.

"What is it? What's the matter?"

"Oh, I am so happy!" she replied, smiled through her tears, bent over closer to him, paused for an instant as if asking herself whether she might, and then kissed him.

Prince Andrew held her hands, looked into her eyes, and did not find in his heart his former love for her. Something in him had suddenly changed; there was no longer the former poetic and mystic charm of desire, but there was pity for her feminine and childish weakness, fear at her devotion and trustfulness, and an oppressive yet joyful sense of the duty that now bound him to her forever. The present feeling, though not so bright and poetic as the former, was stronger and more serious.

"Did your mother tell you that it cannot be for a year?" asked Prince Andrew, still looking into her eyes.

"Is it possible that I--the 'chit of a girl,' as everybody called me," thought Natasha--"is it possible that I am now to be the wife and the equal of this strange, dear, clever man whom even my father looks up to? Can it be true? Can it be true that there can be no more playing with life, that now I am grown up, that on me now lies a responsibility for my every word and deed? Yes, but what did he ask me?"

"No," she replied, but she had not understood his question.

"Forgive me!" he said. "But you are so young, and I have already been through so much in life. I am afraid for you, you do not yet know yourself."

Natasha listened with concentrated attention, trying but failing to take in the meaning of his words.

"Hard as this year which delays my happiness will be," continued Prince Andrew, "it will give you time to be sure of yourself. I ask you to make me happy in a year, but you are free: our engagement shall remain a secret, and should you find that you do not love me, or

should you come to love..." said Prince Andrew with an unnatural smile.

"Why do you say that?" Natasha interrupted him. "You know that from the very day you first came to Otradnoe I have loved you," she cried, quite convinced that she spoke the truth.

"In a year you will learn to know yourself...."

"A whole year!" Natasha repeated suddenly, only now realizing that the marriage was to be postponed for a year. "But why a year? Why a year?..."

Prince Andrew began to explain to her the reasons for this delay. Natasha did not hear him.

"And can't it be helped?" she asked. Prince Andrew did not reply, but his face expressed the impossibility of altering that decision.

"It's awful! Oh, it's awful! awful!" Natasha suddenly cried, and again burst into sobs. "I shall die, waiting a year: it's impossible, it's awful!" She looked into her lover's face and saw in it a look of commiseration and perplexity.

"No, no! I'll do anything!" she said, suddenly checking her tears. "I am so happy."

The father and mother came into the room and gave the betrothed couple their blessing.

From that day Prince Andrew began to frequent the Rostovs' as Natasha's affianced lover.

CHAPTER XXIV

No betrothal ceremony took place and Natasha's engagement to Bolkonski was not announced; Prince Andrew insisted on that. He said that as he was responsible for the delay he ought to bear the whole burden of it; that he had given his word and bound himself forever, but that he did not wish to bind Natasha and gave her perfect freedom. If after six months she felt that she did not love him she would have full right to reject him. Naturally neither Natasha nor her parents wished to hear of this, but Prince Andrew was firm. He came every day to the Rostovs', but did not behave to Natasha as an

affianced lover: he did not use the familiar thou, but said you to her, and kissed only her hand. After their engagement, quite different, intimate, and natural relations sprang up between them. It was as if they had not known each other till now. Both liked to recall how they had regarded each other when as yet they were nothing to one another; they felt themselves now quite different beings: then they were artificial, now natural and sincere. At first the family felt some constraint in intercourse with Prince Andrew; he seemed a man from another world, and for a long time Natasha trained the family to get used to him, proudly assuring them all that he only appeared to be different, but was really just like all of them, and that she was not afraid of him and no one else ought to be. After a few days they grew accustomed to him, and without restraint in his presence pursued their usual way of life, in which he took his part. He could talk about rural economy with the count, fashions with the countess and Natasha, and about albums and fancywork with Sonya. Sometimes the household both among themselves and in his presence expressed their wonder at how it had all happened, and at the evident omens there had been of it: Prince Andrew's coming to Otradnoe and their coming to Petersburg, and the likeness between Natasha and Prince Andrew which her nurse had noticed on his first visit, and Andrew's encounter with Nicholas in 1805, and many other incidents betokening that it had to be.

In the house that poetic dullness and quiet reigned which always accompanies the presence of a betrothed couple. Often when all sitting together everyone kept silent. Sometimes the others would get up and go away and the couple, left alone, still remained silent. They rarely spoke of their future life. Prince Andrew was afraid and ashamed to speak of it. Natasha shared this as she did all his feelings, which she constantly divined. Once she began questioning him about his son. Prince Andrew blushed, as he often did now--Natasha particularly liked it in him--and said that his son would not live with them.

"Why not?" asked Natasha in a frightened tone.

"I cannot take him away from his grandfather, and besides..."

"How I should have loved him!" said Natasha, immediately guessing his thought; "but I know you wish to avoid any pretext for finding fault with us."

Sometimes the old count would come up, kiss Prince Andrew, and ask his advice about Petya's education or Nicholas' service. The old countess sighed as she looked at them; Sonya was always getting frightened lest she should be in the way and tried to find excuses for leaving them alone, even when they did not wish it. When Prince Andrew

spoke (he could tell a story very well), Natasha listened to him with pride; when she spoke she noticed with fear and joy that he gazed attentively and scrutinizingly at her. She asked herself in perplexity: "What does he look for in me? He is trying to discover something by looking at me! What if what he seeks in me is not there?" Sometimes she fell into one of the mad, merry moods characteristic of her, and then she particularly loved to hear and see how Prince Andrew laughed. He seldom laughed, but when he did he abandoned himself entirely to his laughter, and after such a laugh she always felt nearer to him. Natasha would have been completely happy if the thought of the separation awaiting her and drawing near had not terrified her, just as the mere thought of it made him turn pale and cold.

On the eve of his departure from Petersburg Prince Andrew brought with him Pierre, who had not been to the Rostovs' once since the ball. Pierre seemed disconcerted and embarrassed. He was talking to the countess, and Natasha sat down beside a little chess table with Sonya, thereby inviting Prince Andrew to come too. He did so.

"You have known Bezukhov a long time?" he asked. "Do you like him?"

"Yes, he's a dear, but very absurd."

And as usual when speaking of Pierre, she began to tell anecdotes of his absent-mindedness, some of which had even been invented about him.

"Do you know I have entrusted him with our secret? I have known him from childhood. He has a heart of gold. I beg you, Natalie," Prince Andrew said with sudden seriousness--"I am going away and heaven knows what may happen. You may cease to... all right, I know I am not to say that. Only this, then: whatever may happen to you when I am not here..."

"What can happen?"

"Whatever trouble may come," Prince Andrew continued, "I beg you, Mademoiselle Sophie, whatever may happen, to turn to him alone for advice and help! He is a most absent-minded and absurd fellow, but he has a heart of gold."

Neither her father, nor her mother, nor Sonya, nor Prince Andrew himself could have foreseen how the separation from her lover would act on Natasha. Flushed and agitated she went about the house all that day, dry-eyed, occupied with most trivial matters as if not understanding what awaited her. She did not even cry when, on taking leave, he kissed her hand for the last time. "Don't go!" she said in a tone that made him wonder whether he really ought not to stay and

which he remembered long afterwards. Nor did she cry when he was gone; but for several days she sat in her room dry-eyed, taking no interest in anything and only saying now and then, "Oh, why did he go away?"

But a fortnight after his departure, to the surprise of those around her, she recovered from her mental sickness just as suddenly and became her old self again, but with a change in her moral physiognomy, as a child gets up after a long illness with a changed expression of face.

CHAPTER XXV

During that year after his son's departure, Prince Nicholas Bolkonski's health and temper became much worse. He grew still more irritable, and it was Princess Mary who generally bore the brunt of his frequent fits of unprovoked anger. He seemed carefully to seek out her tender spots so as to torture her mentally as harshly as possible. Princess Mary had two passions and consequently two joys--her nephew, little Nicholas, and religion--and these were the favorite subjects of the prince's attacks and ridicule. Whatever was spoken of he would bring round to the superstitiousness of old maids, or the petting and spoiling of children. "You want to make him"--little Nicholas--"into an old maid like yourself! A pity! Prince Andrew wants a son and not an old maid," he would say. Or, turning to Mademoiselle Bourienne, he would ask her in Princess Mary's presence how she liked our village priests and icons and would joke about them.

He continually hurt Princess Mary's feelings and tormented her, but it cost her no effort to forgive him. Could he be to blame toward her, or could her father, whom she knew loved her in spite of it all, be unjust? And what is justice? The princess never thought of that proud word "justice." All the complex laws of man centered for her in one clear and simple law--the law of love and self-sacrifice taught us by Him who lovingly suffered for mankind though He Himself was God. What had she to do with the justice or injustice of other people? She had to endure and love, and that she did.

During the winter Prince Andrew had come to Bald Hills and had been gay, gentle, and more affectionate than Princess Mary had known him for a long time past. She felt that something had happened to him, but he said nothing to her about his love. Before he left he had a long talk with his father about something, and Princess Mary noticed

that before his departure they were dissatisfied with one another.

Soon after Prince Andrew had gone, Princess Mary wrote to her friend Julie Karagina in Petersburg, whom she had dreamed (as all girls dream) of marrying to her brother, and who was at that time in mourning for her own brother, killed in Turkey.

Sorrow, it seems, is our common lot, my dear, tender friend Julie.

Your loss is so terrible that I can only explain it to myself as a special providence of God who, loving you, wishes to try you and your excellent mother. Oh, my friend! Religion, and religion alone, can--I will not say comfort us--but save us from despair. Religion alone can explain to us what without its help man cannot comprehend: why, for what cause, kind and noble beings able to find happiness in life--not merely harming no one but necessary to the happiness of others--are called away to God, while cruel, useless, harmful persons, or such as are a burden to themselves and to others, are left living. The first death I saw, and one I shall never forget--that of my dear sister-in-law--left that impression on me. Just as you ask destiny why your splendid brother had to die, so I asked why that angel Lise, who not only never wronged anyone, but in whose soul there were never any unkind thoughts, had to die. And what do you think, dear friend? Five years have passed since then, and already I, with my petty understanding, begin to see clearly why she had to die, and in what way that death was but an expression of the infinite goodness of the Creator, whose every action, though generally incomprehensible to us, is but a manifestation of His infinite love for His creatures. Perhaps, I often think, she was too angelically innocent to have the strength to perform all a mother's duties. As a young wife she was irreproachable; perhaps she could not have been so as a mother. As it is, not only has she left us, and particularly Prince Andrew, with the purest regrets and memories, but probably she will there receive a place I dare not hope for myself. But not to speak of her alone, that early and terrible death has had the most beneficent influence on me and on my brother in spite of all our grief. Then, at the moment of our loss, these thoughts could not occur to me; I should then have dismissed them with horror, but now they are very clear and certain. I write all this to you, dear friend, only to convince you of the Gospel truth which has become for me a principle of life: not a single hair of our heads will fall without His will. And His will is governed only by infinite love for us, and so whatever befalls us is for our good.

You ask whether we shall spend next winter in Moscow. In spite of my wish to see you, I do not think so and do not want to do so. You will be surprised to hear that the reason for this is Buonaparte!

The case is this: my father's health is growing noticeably worse, he cannot stand any contradiction and is becoming irritable. This irritability is, as you know, chiefly directed to political questions. He cannot endure the notion that Buonaparte is negotiating on equal terms with all the sovereigns of Europe and particularly with our own, the grandson of the Great Catherine! As you know, I am quite indifferent to politics, but from my father's remarks and his talks with Michael Ivanovich I know all that goes on in the world and especially about the honors conferred on Buonaparte, who only at Bald Hills in the whole world, it seems, is not accepted as a great man, still less as Emperor of France. And my father cannot stand this. It seems to me that it is chiefly because of his political views that my father is reluctant to speak of going to Moscow; for he foresees the encounters that would result from his way of expressing his views regardless of anybody. All the benefit he might derive from a course of treatment he would lose as a result of the disputes about Buonaparte which would be inevitable. In any case it will be decided very shortly.

Our family life goes on in the old way except for my brother Andrew's absence. He, as I wrote you before, has changed very much of late. After his sorrow he only this year quite recovered his spirits. He has again become as I used to know him when a child: kind, affectionate, with that heart of gold to which I know no equal. He has realized, it seems to me, that life is not over for him. But together with this mental change he has grown physically much weaker. He has become thinner and more nervous. I am anxious about him and glad he is taking this trip abroad which the doctors recommended long ago. I hope it will cure him. You write that in Petersburg he is spoken of as one of the most active, cultivated, and capable of the young men. Forgive my vanity as a relation, but I never doubted it. The good he has done to everybody here, from his peasants up to the gentry, is incalculable. On his arrival in Petersburg he received only his due. I always wonder at the way rumors fly from Petersburg to Moscow, especially such false ones as that you write about--I mean the report of my brother's betrothal to the little Rostova. I do not think my brother will ever marry again, and certainly not her; and this is why: first, I know that though he rarely speaks about the wife he has lost, the grief of that loss has gone too deep in his heart for him ever to decide to give her a successor and our little angel a stepmother. Secondly because, as far as I know, that girl is not the kind of girl who could please Prince Andrew. I do not think he would choose her for a wife, and frankly I do not wish it. But I am running on too long and am at the end of my second sheet. Good-by, my dear friend. May God keep you in His holy and mighty care. My dear friend, Mademoiselle Bourienne, sends you kisses.

MARY

CHAPTER XXVI

In the middle of the summer Princess Mary received an unexpected letter from Prince Andrew in Switzerland in which he gave her strange and surprising news. He informed her of his engagement to Natasha Rostova. The whole letter breathed loving rapture for his betrothed and tender and confiding affection for his sister. He wrote that he had never loved as he did now and that only now did he understand and know what life was. He asked his sister to forgive him for not having told her of his resolve when he had last visited Bald Hills, though he had spoken of it to his father. He had not done so for fear Princess Mary should ask her father to give his consent, irritating him and having to bear the brunt of his displeasure without attaining her object. "Besides," he wrote, "the matter was not then so definitely settled as it is now. My father then insisted on a delay of a year and now already six months, half of that period, have passed, and my resolution is firmer than ever. If the doctors did not keep me here at the spas I should be back in Russia, but as it is I have to postpone my return for three months. You know me and my relations with Father. I want nothing from him. I have been and always shall be independent; but to go against his will and arouse his anger, now that he may perhaps remain with us such a short time, would destroy half my happiness. I am now writing to him about the same question, and beg you to choose a good moment to hand him the letter and to let me know how he looks at the whole matter and whether there is hope that he may consent to reduce the term by four months."

After long hesitations, doubts, and prayers, Princess Mary gave the letter to her father. The next day the old prince said to her quietly:

"Write and tell your brother to wait till I am dead.... It won't be long--I shall soon set him free."

The princess was about to reply, but her father would not let her speak and, raising his voice more and more, cried:

"Marry, marry, my boy!... A good family!... Clever people, eh? Rich, eh? Yes, a nice stepmother little Nicholas will have! Write and tell him that he may marry tomorrow if he likes. She will be little Nicholas' stepmother and I'll marry Bourienne!... Ha, ha, ha! He

mustn't be without a stepmother either! Only one thing, no more women are wanted in my house--let him marry and live by himself. Perhaps you will go and live with him too?" he added, turning to Princess Mary. "Go in heavens name! Go out into the frost... the frost... the frost!

After this outburst the prince did not speak any more about the matter. But repressed vexation at his son's poor-spirited behavior found expression in his treatment of his daughter. To his former pretexts for irony a fresh one was now added--allusions to stepmothers and amiabilities to Mademoiselle Bourienne.

"Why shouldn't I marry her?" he asked his daughter. "She'll make a splendid princess!"

And latterly, to her surprise and bewilderment, Princess Mary noticed that her father was really associating more and more with the Frenchwoman. She wrote to Prince Andrew about the reception of his letter, but comforted him with hopes of reconciling their father to the idea.

Little Nicholas and his education, her brother Andrew, and religion were Princess Mary's joys and consolations; but besides that, since everyone must have personal hopes, Princess Mary in the profoundest depths of her heart had a hidden dream and hope that supplied the chief consolation of her life. This comforting dream and hope were given her by God's folk--the half-witted and other pilgrims who visited her without the prince's knowledge. The longer she lived, the more experience and observation she had of life, the greater was her wonder at the short-sightedness of men who seek enjoyment and happiness here on earth: toiling, suffering, struggling, and harming one another, to obtain that impossible, visionary, sinful happiness. Prince Andrew had loved his wife, she died, but that was not enough: he wanted to bind his happiness to another woman. Her father objected to this because he wanted a more distinguished and wealthier match for Andrew. And they all struggled and suffered and tormented one another and injured their souls, their eternal souls, for the attainment of benefits which endure but for an instant. Not only do we know this ourselves, but Christ, the Son of God, came down to earth and told us that this life is but for a moment and is a probation; yet we cling to it and think to find happiness in it. "How is it that no one realizes this?" thought Princess Mary. "No one except these despised God's folk who, wallet on back, come to me by the back door, afraid of being seen by the prince, not for fear of ill-usage by him but for fear of causing him to sin. To leave family, home, and all the cares of worldly welfare, in order without clinging to anything to wander in hempen rags from place to place under an assumed name, doing no one any harm but praying for all-

for those who drive one away as well as for those who protect one:
higher than that life and truth there is no life or truth!"

There was one pilgrim, a quiet pockmarked little woman of fifty called Theodosia, who for over thirty years had gone about barefoot and worn heavy chains. Princess Mary was particularly fond of her. Once, when in a room with a lamp dimly lit before the icon Theodosia was talking of her life, the thought that Theodosia alone had found the true path of life suddenly came to Princess Mary with such force that she resolved to become a pilgrim herself. When Theodosia had gone to sleep Princess Mary thought about this for a long time, and at last made up her mind that, strange as it might seem, she must go on a pilgrimage. She disclosed this thought to no one but to her confessor, Father Akinfi, the monk, and he approved of her intention. Under guise of a present for the pilgrims, Princess Mary prepared a pilgrim's complete costume for herself: a coarse smock, bast shoes, a rough coat, and a black kerchief. Often, approaching the chest of drawers containing this secret treasure, Princess Mary paused, uncertain whether the time had not already come to put her project into execution.

Often, listening to the pilgrims' tales, she was so stimulated by their simple speech, mechanical to them but to her so full of deep meaning, that several times she was on the point of abandoning everything and running away from home. In imagination she already pictured herself by Theodosia's side, dressed in coarse rags, walking with a staff, a wallet on her back, along the dusty road, directing her wanderings from one saint's shrine to another, free from envy, earthly love, or desire, and reaching at last the place where there is no more sorrow or sighing, but eternal joy and bliss.

"I shall come to a place and pray there, and before having time to get used to it or getting to love it, I shall go farther. I will go on till my legs fail, and I'll lie down and die somewhere, and shall at last reach that eternal, quiet haven, where there is neither sorrow nor sighing..." thought Princess Mary.

But afterwards, when she saw her father and especially little Koko (Nicholas), her resolve weakened. She wept quietly, and felt that she was a sinner who loved her father and little nephew more than God.

BOOK SEVEN: 1810 --11

CHAPTER I

The Bible legend tells us that the absence of labor--idleness--was a condition of the first man's blessedness before the Fall. Fallen man has retained a love of idleness, but the curse weighs on the race not only because we have to seek our bread in the sweat of our brows, but because our moral nature is such that we cannot be both idle and at ease. An inner voice tells us we are in the wrong if we are idle. If man could find a state in which he felt that though idle he was fulfilling his duty, he would have found one of the conditions of man's primitive blessedness. And such a state of obligatory and irreproachable idleness is the lot of a whole class--the military. The chief attraction of military service has consisted and will consist in this compulsory and irreproachable idleness.

Nicholas Rostov experienced this blissful condition to the full when, after 1807, he continued to serve in the Pavlograd regiment, in which he already commanded the squadron he had taken over from Denisov.

Rostov had become a bluff, good-natured fellow, whom his Moscow acquaintances would have considered rather bad form, but who was liked and respected by his comrades, subordinates, and superiors, and was well contented with his life. Of late, in 1809, he found in letters from home more frequent complaints from his mother that their affairs were falling into greater and greater disorder, and that it was time for him to come back to gladden and comfort his old parents.

Reading these letters, Nicholas felt a dread of their wanting to take him away from surroundings in which, protected from all the entanglements of life, he was living so calmly and quietly. He felt that sooner or later he would have to re-enter that whirlpool of life, with its embarrassments and affairs to be straightened out, its accounts with stewards, quarrels, and intrigues, its ties, society, and with Sonya's love and his promise to her. It was all dreadfully difficult and complicated; and he replied to his mother in cold, formal letters in French, beginning: "My dear Mamma," and ending: "Your obedient son," which said nothing of when he would return. In 1810 he received letters from his parents, in which they told him of Natasha's engagement to Bolkonski, and that the wedding would be in a year's time because the old prince made difficulties. This letter grieved and mortified Nicholas. In the first place he was sorry that Natasha, for whom he cared more than for anyone else in the family, should be lost to the home; and secondly, from his hussar point of

view, he regretted not to have been there to show that fellow Bolkonski that connection with him was no such great honor after all, and that if he loved Natasha he might dispense with permission from his dotard father. For a moment he hesitated whether he should not apply for leave in order to see Natasha before she was married, but then came the maneuvers, and considerations about Sonya and about the confusion of their affairs, and Nicholas again put it off. But in the spring of that year, he received a letter from his mother, written without his father's knowledge, and that letter persuaded him to return. She wrote that if he did not come and take matters in hand, their whole property would be sold by auction and they would all have to go begging. The count was so weak, and trusted Mitenka so much, and was so good-natured, that everybody took advantage of him and things were going from bad to worse. "For God's sake, I implore you, come at once if you do not wish to make me and the whole family wretched," wrote the countess.

This letter touched Nicholas. He had that common sense of a matter-of-fact man which showed him what he ought to do.

The right thing now was, if not to retire from the service, at any rate to go home on leave. Why he had to go he did not know; but after his after-dinner nap he gave orders to saddle Mars, an extremely vicious gray stallion that had not been ridden for a long time, and when he returned with the horse all in a lather, he informed Lavrushka (Denisov's servant who had remained with him) and his comrades who turned up in the evening that he was applying for leave and was going home. Difficult and strange as it was for him to reflect that he would go away without having heard from the staff--and this interested him extremely--whether he was promoted to a captaincy or would receive the Order of St. Anne for the last maneuvers; strange as it was to think that he would go away without having sold his three roans to the Polish Count Golukhovski, who was bargaining for the horses Rostov had betted he would sell for two thousand rubles; incomprehensible as it seemed that the ball the hussars were giving in honor of the Polish Mademoiselle Przazdziecka (out of rivalry to the Uhlans who had given one in honor of their Polish Mademoiselle Borzozowska) would take place without him--he knew he must go away from this good, bright world to somewhere where everything was stupid and confused. A week later he obtained his leave. His hussar comrades--not only those of his own regiment, but the whole brigade--gave Rostov a dinner to which the subscription was fifteen rubles a head, and at which there were two bands and two choirs of singers. Rostov danced the Trepak with Major Basov; the tipsy officers tossed, embraced, and dropped Rostov; the soldiers of the third squadron tossed him too, and shouted "hurrah!" and then they put him in his sleigh and escorted him as far as the first post station.

During the first half of the journey--from Kremenchug to Kiev--all Rostov's thoughts, as is usual in such cases, were behind him, with the squadron; but when he had gone more than halfway he began to forget his three roans and Dozhoyveyko, his quartermaster, and to wonder anxiously how things would be at Otradnoe and what he would find there. Thoughts of home grew stronger the nearer he approached it--far stronger, as though this feeling of his was subject to the law by which the force of attraction is in inverse proportion to the square of the distance. At the last post station before Otradnoe he gave the driver a three-ruble tip, and on arriving he ran breathlessly, like a boy, up the steps of his home.

After the rapture of meeting, and after that odd feeling of unsatisfied expectation--the feeling that "everything is just the same, so why did I hurry?"--Nicholas began to settle down in his old home world. His father and mother were much the same, only a little older. What was new in them was a certain uneasiness and occasional discord, which there used not to be, and which, as Nicholas soon found out, was due to the bad state of their affairs. Sonya was nearly twenty; she had stopped growing prettier and promised nothing more than she was already, but that was enough. She exhaled happiness and love from the time Nicholas returned, and the faithful, unalterable love of this girl had a gladdening effect on him. Petya and Natasha surprised Nicholas most. Petya was a big handsome boy of thirteen, merry, witty, and mischievous, with a voice that was already breaking. As for Natasha, for a long while Nicholas wondered and laughed whenever he looked at her.

"You're not the same at all," he said.

"How? Am I uglier?"

"On the contrary, but what dignity? A princess!" he whispered to her.

"Yes, yes, yes!" cried Natasha, joyfully.

She told him about her romance with Prince Andrew and of his visit to Otradnoe and showed him his last letter.

"Well, are you glad?" Natasha asked. "I am so tranquil and happy now."

"Very glad," answered Nicholas. "He is an excellent fellow.... And are you very much in love?"

"How shall I put it?" replied Natasha. "I was in love with Boris, with my teacher, and with Denisov, but this is quite different. I feel

at peace and settled. I know that no better man than he exists, and I am calm and contented now. Not at all as before."

Nicholas expressed his disapproval of the postponement of the marriage for a year; but Natasha attacked her brother with exasperation, proving to him that it could not be otherwise, and that it would be a bad thing to enter a family against the father's will, and that she herself wished it so.

"You don't at all understand," she said.

Nicholas was silent and agreed with her.

Her brother often wondered as he looked at her. She did not seem at all like a girl in love and parted from her affianced husband. She was even-tempered and calm and quite as cheerful as of old. This amazed Nicholas and even made him regard Bolkonski's courtship skeptically. He could not believe that her fate was sealed, especially as he had not seen her with Prince Andrew. It always seemed to him that there was something not quite right about this intended marriage.

"Why this delay? Why no betrothal?" he thought. Once, when he had touched on this topic with his mother, he discovered, to his surprise and somewhat to his satisfaction, that in the depth of her soul she too had doubts about this marriage.

"You see he writes," said she, showing her son a letter of Prince Andrew's, with that latent grudge a mother always has in regard to a daughter's future married happiness, "he writes that he won't come before December. What can be keeping him? Illness, probably! His health is very delicate. Don't tell Natasha. And don't attach importance to her being so bright: that's because she's living through the last days of her girlhood, but I know what she is like every time we receive a letter from him! However, God grant that everything turns out well!" (She always ended with these words.) "He is an excellent man!"

CHAPTER II

After reaching home Nicholas was at first serious and even dull. He was worried by the impending necessity of interfering in the stupid business matters for which his mother had called him home. To throw off this burden as quickly as possible, on the third day after his

arrival he went, angry and scowling and without answering questions as to where he was going, to Mitenka's lodge and demanded an account of everything. But what an account of everything might be Nicholas knew even less than the frightened and bewildered Mitenka. The conversation and the examination of the accounts with Mitenka did not last long. The village elder, a peasant delegate, and the village clerk, who were waiting in the passage, heard with fear and delight first the young count's voice roaring and snapping and rising louder and louder, and then words of abuse, dreadful words, ejaculated one after the other.

"Robber!... Ungrateful wretch!... I'll hack the dog to pieces! I'm not my father!... Robbing us!..." and so on.

Then with no less fear and delight they saw how the young count, red in the face and with bloodshot eyes, dragged Mitenka out by the scruff of the neck and applied his foot and knee to his behind with great agility at convenient moments between the words, shouting, "Be off! Never let me see your face here again, you villain!"

Mitenka flew headlong down the six steps and ran away into the shrubbery. (This shrubbery was a well-known haven of refuge for culprits at Otradnoe. Mitenka himself, returning tipsy from the town, used to hide there, and many of the residents at Otradnoe, hiding from Mitenka, knew of its protective qualities.)

Mitenka's wife and sisters-in-law thrust their heads and frightened faces out of the door of a room where a bright samovar was boiling and where the steward's high bedstead stood with its patchwork quilt.

The young count paid no heed to them, but, breathing hard, passed by with resolute strides and went into the house.

The countess, who heard at once from the maids what had happened at the lodge, was calmed by the thought that now their affairs would certainly improve, but on the other hand felt anxious as to the effect this excitement might have on her son. She went several times to his door on tiptoe and listened, as he lighted one pipe after another.

Next day the old count called his son aside and, with an embarrassed smile, said to him:

"But you know, my dear boy, it's a pity you got excited! Mitenka has told me all about it."

"I knew," thought Nicholas, "that I should never understand anything in this crazy world."

"You were angry that he had not entered those 700 rubles. But they were carried forward--and you did not look at the other page."

"Papa, he is a blackguard and a thief! I know he is! And what I have done, I have done; but, if you like, I won't speak to him again."

"No, my dear boy" (the count, too, felt embarrassed. He knew he had mismanaged his wife's property and was to blame toward his children, but he did not know how to remedy it). "No, I beg you to attend to the business. I am old. I..."

"No, Papa. Forgive me if I have caused you unpleasantness. I understand it all less than you do."

"Devil take all these peasants, and money matters, and carryings forward from page to page," he thought. "I used to understand what a 'corner' and the stakes at cards meant, but carrying forward to another page I don't understand at all," said he to himself, and after that he did not meddle in business affairs. But once the countess called her son and informed him that she had a promissory note from Anna Mikhaylovna for two thousand rubles, and asked him what he thought of doing with it.

"This," answered Nicholas. "You say it rests with me. Well, I don't like Anna Mikhaylovna and I don't like Boris, but they were our friends and poor. Well then, this!" and he tore up the note, and by so doing caused the old countess to weep tears of joy. After that, young Rostov took no further part in any business affairs, but devoted himself with passionate enthusiasm to what was to him a new pursuit--the chase--for which his father kept a large establishment.

CHAPTER III

The weather was already growing wintry and morning frosts congealed an earth saturated by autumn rains. The verdure had thickened and its bright green stood out sharply against the brownish strips of winter rye trodden down by the cattle, and against the pale-yellow stubble of the spring buckwheat. The wooded ravines and the copses, which at the end of August had still been green islands amid black fields and stubble, had become golden and bright-red islands amid the green winter rye. The hares had already half changed their summer coats, the fox cubs were beginning to scatter, and the young wolves were bigger than dogs. It was the best

time of the year for the chase. The hounds of that ardent young sportsman Rostov had not merely reached hard winter condition, but were so jaded that at a meeting of the huntsmen it was decided to give them a three days' rest and then, on the sixteenth of September, to go on a distant expedition, starting from the oak grove where there was an undisturbed litter of wolf cubs.

All that day the hounds remained at home. It was frosty and the air was sharp, but toward evening the sky became overcast and it began to thaw. On the fifteenth, when young Rostov, in his dressing gown, looked out of the window, he saw it was an unsurpassable morning for hunting: it was as if the sky were melting and sinking to the earth without any wind. The only motion in the air was that of the dripping, microscopic particles of drizzling mist. The bare twigs in the garden were hung with transparent drops which fell on the freshly fallen leaves. The earth in the kitchen garden looked wet and black and glistened like poppy seed and at a short distance merged into the dull, moist veil of mist. Nicholas went out into the wet and muddy porch. There was a smell of decaying leaves and of dog. Milka, a black-spotted, broad-haunched bitch with prominent black eyes, got up on seeing her master, stretched her hind legs, lay down like a hare, and then suddenly jumped up and licked him right on his nose and mustache. Another borzoi, a dog, catching sight of his master from the garden path, arched his back and, rushing headlong toward the porch with lifted tail, began rubbing himself against his legs.

"O-hoy!" came at that moment, that inimitable huntsman's call which unites the deepest bass with the shrillest tenor, and round the corner came Daniel the head huntsman and head kennelman, a gray, wrinkled old man with hair cut straight over his forehead, Ukrainian fashion, a long bent whip in his hand, and that look of independence and scorn of everything that is only seen in huntsmen. He doffed his Circassian cap to his master and looked at him scornfully. This scorn was not offensive to his master. Nicholas knew that this Daniel, disdainful of everybody and who considered himself above them, was all the same his serf and huntsman.

"Daniel!" Nicholas said timidly, conscious at the sight of the weather, the hounds, and the huntsman that he was being carried away by that irresistible passion for sport which makes a man forget all his previous resolutions, as a lover forgets in the presence of his mistress.

"What orders, your excellency?" said the huntsman in his deep bass, deep as a proto-deacon's and hoarse with hallooing--and two flashing black eyes gazed from under his brows at his master, who was silent. "Can you resist it?" those eyes seemed to be asking.

"It's a good day, eh? For a hunt and a gallop, eh?" asked Nicholas, scratching Milka behind the ears.

Daniel did not answer, but winked instead.

"I sent Uvarka at dawn to listen," his bass boomed out after a minute's pause. "He says she's moved them into the Otradnoe enclosure. They were howling there." (This meant that the she-wolf, about whom they both knew, had moved with her cubs to the Otradnoe copse, a small place a mile and a half from the house.)

"We ought to go, don't you think so?" said Nicholas. "Come to me with Uvarka."

"As you please."

"Then put off feeding them."

"Yes, sir."

Five minutes later Daniel and Uvarka were standing in Nicholas' big study. Though Daniel was not a big man, to see him in a room was like seeing a horse or a bear on the floor among the furniture and surroundings of human life. Daniel himself felt this, and as usual stood just inside the door, trying to speak softly and not move, for fear of breaking something in the master's apartment, and he hastened to say all that was necessary so as to get from under that ceiling, out into the open under the sky once more.

Having finished his inquiries and extorted from Daniel an opinion that the hounds were fit (Daniel himself wished to go hunting), Nicholas ordered the horses to be saddled. But just as Daniel was about to go Natasha came in with rapid steps, not having done up her hair or finished dressing and with her old nurse's big shawl wrapped round her. Petya ran in at the same time.

"You are going?" asked Natasha. "I knew you would! Sonya said you wouldn't go, but I knew that today is the sort of day when you couldn't help going."

"Yes, we are going," replied Nicholas reluctantly, for today, as he intended to hunt seriously, he did not want to take Natasha and Petya. "We are going, but only wolf hunting: it would be dull for you."

"You know it is my greatest pleasure," said Natasha. "It's not fair; you are going by yourself, are having the horses saddled and said nothing to us about it."

"No barrier bars a Russian's path'--we'll go!" shouted Petya.

"But you can't. Mamma said you mustn't," said Nicholas to Natasha.

"Yes, I'll go. I shall certainly go," said Natasha decisively.

"Daniel, tell them to saddle for us, and Michael must come with my dogs," she added to the huntsman.

It seemed to Daniel irksome and improper to be in a room at all, but to have anything to do with a young lady seemed to him impossible. He cast down his eyes and hurried out as if it were none of his business, careful as he went not to inflict any accidental injury on the young lady.

CHAPTER IV

The old count, who had always kept up an enormous hunting establishment but had now handed it all completely over to his son's care, being in very good spirits on this fifteenth of September, prepared to go out with the others.

In an hour's time the whole hunting party was at the porch. Nicholas, with a stern and serious air which showed that now was no time for attending to trifles, went past Natasha and Petya who were trying to tell him something. He had a look at all the details of the hunt, sent a pack of hounds and huntsmen on ahead to find the quarry, mounted his chestnut Donets, and whistling to his own leash of borzois, set off across the threshing ground to a field leading to the Otradnoe wood. The old count's horse, a sorrel gelding called Viflyanka, was led by the groom in attendance on him, while the count himself was to drive in a small trap straight to a spot reserved for him.

They were taking fifty-four hounds, with six hunt attendants and whippers-in. Besides the family, there were eight borzoi kennelmen and more than forty borzois, so that, with the borzois on the leash belonging to members of the family, there were about a hundred and thirty dogs and twenty horsemen.

Each dog knew its master and its call. Each man in the hunt knew his business, his place, what he had to do. As soon as they had passed the fence they all spread out evenly and quietly, without noise or talk,

along the road and field leading to the Otradnoe covert.

The horses stepped over the field as over a thick carpet, now and then splashing into puddles as they crossed a road. The misty sky still seemed to descend evenly and imperceptibly toward the earth, the air was still, warm, and silent. Occasionally the whistle of a huntsman, the snort of a horse, the crack of a whip, or the whine of a stragging hound could be heard.

When they had gone a little less than a mile, five more riders with dogs appeared out of the mist, approaching the Rostovs. In front rode a fresh-looking, handsome old man with a large gray mustache.

"Good morning, Uncle!" said Nicholas, when the old man drew near.

"That's it. Come on!... I was sure of it," began "Uncle." (He was a distant relative of the Rostovs', a man of small means, and their neighbor.) "I knew you wouldn't be able to resist it and it's a good thing you're going. That's it! Come on! (This was "Uncle's" favorite expression.) "Take the covert at once, for my Girchik says the Ilagins are at Korniki with their hounds. That's it. Come on!... They'll take the cubs from under your very nose."

"That's where I'm going. Shall we join up our packs?" asked Nicholas.

The hounds were joined into one pack, and "Uncle" and Nicholas rode on side by side. Natasha, muffled up in shawls which did not hide her eager face and shining eyes, galloped up to them. She was followed by Petya who always kept close to her, by Michael, a huntsman, and by a groom appointed to look after her. Petya, who was laughing, whipped and pulled at his horse. Natasha sat easily and confidently on her black Arabchik and reined him in without effort with a firm hand.

"Uncle" looked round disapprovingly at Petya and Natasha. He did not like to combine frivolity with the serious business of hunting.

"Good morning, Uncle! We are going too!" shouted Petya.

"Good morning, good morning! But don't go overriding the hounds," said "Uncle" sternly.

"Nicholas, what a fine dog Trunila is! He knew me," said Natasha, referring to her favorite hound.

"In the first place, Trunila is not a 'dog,' but a harrier," thought Nicholas, and looked sternly at his sister, trying to make her feel

the distance that ought to separate them at that moment. Natasha understood it.

"You mustn't think we'll be in anyone's way, Uncle," she said.
"We'll go to our places and won't budge."

"A good thing too, little countess," said "Uncle," "only mind you don't fall off your horse," he added, "because--that's it, come on!--you've nothing to hold on to."

The oasis of the Otradnoe covert came in sight a few hundred yards off, the huntsmen were already nearing it. Rostov, having finally settled with "Uncle" where they should set on the hounds, and having shown Natasha where she was to stand--a spot where nothing could possibly run out--went round above the ravine.

"Well, nephew, you're going for a big wolf," said "Uncle." "Mind and don't let her slip!"

"That's as may happen," answered Rostov. "Karay, here!" he shouted, answering "Uncle's" remark by this call to his borzoi. Karay was a shaggy old dog with a hanging jowl, famous for having tackled a big wolf unaided. They all took up their places.

The old count, knowing his son's ardor in the hunt, hurried so as not to be late, and the huntsmen had not yet reached their places when Count Ilya Rostov, cheerful, flushed, and with quivering cheeks, drove up with his black horses over the winter rye to the place reserved for him, where a wolf might come out. Having straightened his coat and fastened on his hunting knives and horn, he mounted his good, sleek, well-fed, and comfortable horse, Viflyanka, which was turning gray, like himself. His horses and trap were sent home. Count Ilya Rostov, though not at heart a keen sportsman, knew the rules of the hunt well, and rode to the bushy edge of the road where he was to stand, arranged his reins, settled himself in the saddle, and, feeling that he was ready, looked about with a smile.

Beside him was Simon Chekmar, his personal attendant, an old horseman now somewhat stiff in the saddle. Chekmar held in leash three formidable wolfhounds, who had, however, grown fat like their master and his horse. Two wise old dogs lay down unleashed. Some hundred paces farther along the edge of the wood stood Mitka, the count's other groom, a daring horseman and keen rider to hounds. Before the hunt, by old custom, the count had drunk a silver cupful of mulled brandy, taken a snack, and washed it down with half a bottle of his favorite Bordeaux.

He was somewhat flushed with the wine and the drive. His eyes were

rather moist and glittered more than usual, and as he sat in his saddle, wrapped up in his fur coat, he looked like a child taken out for an outing.

The thin, hollow-cheeked Chekmar, having got everything ready, kept glancing at his master with whom he had lived on the best of terms for thirty years, and understanding the mood he was in expected a pleasant chat. A third person rode up circumspectly through the wood (it was plain that he had had a lesson) and stopped behind the count. This person was a gray-bearded old man in a woman's cloak, with a tall peaked cap on his head. He was the buffoon, who went by a woman's name, Nastasya Ivanovna.

"Well, Nastasya Ivanovna!" whispered the count, winking at him. "If you scare away the beast, Daniel'll give it you!"

"I know a thing or two myself!" said Nastasya Ivanovna.

"Hush!" whispered the count and turned to Simon. "Have you seen the young countess?" he asked. "Where is she?"

"With young Count Peter, by the Zharov rank grass," answered Simon, smiling. "Though she's a lady, she's very fond of hunting."

"And you're surprised at the way she rides, Simon, eh?" said the count. "She's as good as many a man!"

"Of course! It's marvelous. So bold, so easy!"

"And Nicholas? Where is he? By the Lyadov upland, isn't he?"

"Yes, sir. He knows where to stand. He understands the matter so well that Daniel and I are often quite astounded," said Simon, well knowing what would please his master.

"Rides well, eh? And how well he looks on his horse, eh?"

"A perfect picture! How he chased a fox out of the rank grass by the Zavarzinsk thicket the other day! Leaped a fearful place; what a sight when they rushed from the covert... the horse worth a thousand rubles and the rider beyond all price! Yes, one would have to search far to find another as smart."

"To search far..." repeated the count, evidently sorry Simon had not said more. "To search far," he said, turning back the skirt of his coat to get at his snuffbox.

"The other day when he came out from Mass in full uniform, Michael

Sidorych..." Simon did not finish, for on the still air he had distinctly caught the music of the hunt with only two or three hounds giving tongue. He bent down his head and listened, shaking a warning finger at his master. "They are on the scent of the cubs..." he whispered, "straight to the Lyadov uplands."

The count, forgetting to smooth out the smile on his face, looked into the distance straight before him, down the narrow open space, holding the snuffbox in his hand but not taking any. After the cry of the hounds came the deep tones of the wolf call from Daniel's hunting horn; the pack joined the first three hounds and they could be heard in full cry, with that peculiar lift in the note that indicates that they are after a wolf. The whippers-in no longer set on the hounds, but changed to the cry of ulyulyu, and above the others rose Daniel's voice, now a deep bass, now piercingly shrill. His voice seemed to fill the whole wood and carried far beyond out into the open field.

After listening a few moments in silence, the count and his attendant convinced themselves that the hounds had separated into two packs: the sound of the larger pack, eagerly giving tongue, began to die away in the distance, the other pack rushed by the wood past the count, and it was with this that Daniel's voice was heard calling ulyulyu. The sounds of both packs mingled and broke apart again, but both were becoming more distant.

Simon sighed and stooped to straighten the leash a young borzoi had entangled; the count too sighed and, noticing the snuffbox in his hand, opened it and took a pinch. "Back!" cried Simon to a borzoi that was pushing forward out of the wood. The count started and dropped the snuffbox. Nastasya Ivanovna dismounted to pick it up. The count and Simon were looking at him.

Then, unexpectedly, as often happens, the sound of the hunt suddenly approached, as if the hounds in full cry and Daniel ulyulyuing were just in front of them.

The count turned and saw on his right Mitka staring at him with eyes starting out of his head, raising his cap and pointing before him to the other side.

"Look out!" he shouted, in a voice plainly showing that he had long fretted to utter that word, and letting the borzois slip he galloped toward the count.

The count and Simon galloped out of the wood and saw on their left a wolf which, softly swaying from side to side, was coming at a quiet lope farther to the left to the very place where they were standing.

The angry borzois whined and getting free of the leash rushed past the horses' feet at the wolf.

The wolf paused, turned its heavy forehead toward the dogs awkwardly, like a man suffering from the quinsy, and, still slightly swaying from side to side, gave a couple of leaps and with a swish of its tail disappeared into the skirt of the wood. At the same instant, with a cry like a wail, first one hound, then another, and then another, sprang helter-skelter from the wood opposite and the whole pack rushed across the field toward the very spot where the wolf had disappeared. The hazel bushes parted behind the hounds and Daniel's chestnut horse appeared, dark with sweat. On its long back sat Daniel, hunched forward, capless, his disheveled gray hair hanging over his flushed, perspiring face.

"Ulyulyulyu! ulyulyu!..." he cried. When he caught sight of the count his eyes flashed lightning.

"Blast you!" he shouted, holding up his whip threateningly at the count.

"You've let the wolf go!... What sportsmen!" and as if scorning to say more to the frightened and shamefaced count, he lashed the heaving flanks of his sweating chestnut gelding with all the anger the count had aroused and flew off after the hounds. The count, like a punished schoolboy, looked round, trying by a smile to win Simon's sympathy for his plight. But Simon was no longer there. He was galloping round by the bushes while the field was coming up on both sides, all trying to head the wolf, but it vanished into the wood before they could do so.

CHAPTER V

Nicholas Rostov meanwhile remained at his post, waiting for the wolf. By the way the hunt approached and receded, by the cries of the dogs whose notes were familiar to him, by the way the voices of the huntsmen approached, receded, and rose, he realized what was happening at the copse. He knew that young and old wolves were there, that the hounds had separated into two packs, that somewhere a wolf was being chased, and that something had gone wrong. He expected the wolf to come his way any moment. He made thousands of different conjectures as to where and from what side the beast would come and how he would set upon it. Hope alternated with despair.

Several times he addressed a prayer to God that the wolf should come his way. He prayed with that passionate and shame-faced feeling with which men pray at moments of great excitement arising from trivial causes. "What would it be to Thee to do this for me?" he said to God. "I know Thou art great, and that it is a sin to ask this of Thee, but for God's sake do let the old wolf come my way and let Karay spring at it--in sight of 'Uncle' who is watching from over there--and seize it by the throat in a death grip!" A thousand times during that half-hour Rostov cast eager and restless glances over the edge of the wood, with the two scraggy oaks rising above the aspen undergrowth and the gully with its water-worn side and "Uncle's" cap just visible above the bush on his right.

"No, I shan't have such luck," thought Rostov, "yet what wouldn't it be worth! It is not to be! Everywhere, at cards and in war, I am always unlucky." Memories of Austerlitz and of Dolokhov flashed rapidly and clearly through his mind. "Only once in my life to get an old wolf, I want only that!" thought he, straining eyes and ears and looking to the left and then to the right and listening to the slightest variation of note in the cries of the dogs.

Again he looked to the right and saw something running toward him across the deserted field. "No, it can't be!" thought Rostov, taking a deep breath, as a man does at the coming of something long hoped for. The height of happiness was reached--and so simply, without warning, or noise, or display, that Rostov could not believe his eyes and remained in doubt for over a second. The wolf ran forward and jumped heavily over a gully that lay in her path. She was an old animal with a gray back and big reddish belly. She ran without hurry, evidently feeling sure that no one saw her. Rostov, holding his breath, looked round at the borzois. They stood or lay not seeing the wolf or understanding the situation. Old Karay had turned his head and was angrily searching for fleas, baring his yellow teeth and snapping at his hind legs.

"Ulyulyulyu!" whispered Rostov, pouting his lips. The borzois jumped up, jerking the rings of the leashes and pricking their ears. Karay finished scratching his hindquarters and, cocking his ears, got up with quivering tail from which tufts of matted hair hung down.

"Shall I loose them or not?" Nicholas asked himself as the wolf approached him coming from the copse. Suddenly the wolf's whole physiognomy changed: she shuddered, seeing what she had probably never seen before--human eyes fixed upon her--and turning her head a little toward Rostov, she paused.

"Back or forward? Eh, no matter, forward..." the wolf seemed to say to herself, and she moved forward without again looking round

and with a quiet, long, easy yet resolute lope.

"Ulyulyu!" cried Nicholas, in a voice not his own, and of its own accord his good horse darted headlong downhill, leaping over gullies to head off the wolf, and the borzois passed it, running faster still. Nicholas did not hear his own cry nor feel that he was galloping, nor see the borzois, nor the ground over which he went: he saw only the wolf, who, increasing her speed, bounded on in the same direction along the hollow. The first to come into view was Milka, with her black markings and powerful quarters, gaining upon the wolf. Nearer and nearer... now she was ahead of it; but the wolf turned its head to face her, and instead of putting on speed as she usually did Milka suddenly raised her tail and stiffened her forelegs.

"Ulyulyulyulyu!" shouted Nicholas.

The reddish Lyubim rushed forward from behind Milka, sprang impetuously at the wolf, and seized it by its hindquarters, but immediately jumped aside in terror. The wolf crouched, gnashed her teeth, and again rose and bounded forward, followed at the distance of a couple of feet by all the borzois, who did not get any closer to her.

"She'll get away! No, it's impossible!" thought Nicholas, still shouting with a hoarse voice.

"Karay, ulyulyu!..." he shouted, looking round for the old borzoi who was now his only hope. Karay, with all the strength age had left him, stretched himself to the utmost and, watching the wolf, galloped heavily aside to intercept it. But the quickness of the wolf's lope and the borzoi's slower pace made it plain that Karay had miscalculated. Nicholas could already see not far in front of him the wood where the wolf would certainly escape should she reach it. But, coming toward him, he saw hounds and a huntsman galloping almost straight at the wolf. There was still hope. A long, yellowish

young borzoi, one Nicholas did not know, from another leash, rushed impetuously at the wolf from in front and almost knocked her over. But the wolf jumped up more quickly than anyone could have expected and, gnashing her teeth, flew at the yellowish borzoi, which, with a piercing yelp, fell with its head on the ground, bleeding from a gash in its side.

"Karay? Old fellow!..." wailed Nicholas.

Thanks to the delay caused by this crossing of the wolf's path, the old dog with its felted hair hanging from its thigh was within five paces of it. As if aware of her danger, the wolf turned her

eyes on Karay, tucked her tail yet further between her legs, and increased her speed. But here Nicholas only saw that something happened to Karay--the borzoi was suddenly on the wolf, and they rolled together down into a gully just in front of them.

That instant, when Nicholas saw the wolf struggling in the gully with the dogs, while from under them could be seen her gray hair and outstretched hind leg and her frightened choking head, with her ears laid back (Karay was pinning her by the throat), was the happiest moment of his life. With his hand on his saddlebow, he was ready to dismount and stab the wolf, when she suddenly thrust her head up from among that mass of dogs, and then her forepaws were on the edge of the gully. She clicked her teeth (Karay no longer had her by the throat), leaped with a movement of her hind legs out of the gully, and having disengaged herself from the dogs, with tail tucked in again, went forward. Karay, his hair bristling, and probably bruised or wounded, climbed with difficulty out of the gully.

"Oh my God! Why?" Nicholas cried in despair.

"Uncle's" huntsman was galloping from the other side across the wolf's path and his borzois once more stopped the animal's advance. She was again hemmed in.

Nicholas and his attendant, with "Uncle" and his huntsman, were all riding round the wolf, crying "ulyulyu!" shouting and preparing to dismount each moment that the wolf crouched back, and starting forward again every time she shook herself and moved toward the wood where she would be safe.

Already, at the beginning of this chase, Daniel, hearing the ulyulyuing, had rushed out from the wood. He saw Karay seize the wolf, and checked his horse, supposing the affair to be over. But when he saw that the horsemen did not dismount and that the wolf shook herself and ran for safety, Daniel set his chestnut galloping, not at the wolf but straight toward the wood, just as Karay had run to cut the animal off. As a result of this, he galloped up to the wolf just when she had been stopped a second time by "Uncle's" borzois.

Daniel galloped up silently, holding a naked dagger in his left hand and thrashing the laboring sides of his chestnut horse with his whip as if it were a flail.

Nicholas neither saw nor heard Daniel until the chestnut, breathing heavily, panted past him, and he heard the fall of a body and saw Daniel lying on the wolf's back among the dogs, trying to seize her by the ears. It was evident to the dogs, the hunters, and to the wolf herself that all was now over. The terrified wolf pressed

back her ears and tried to rise, but the borzois stuck to her. Daniel rose a little, took a step, and with his whole weight, as if lying down to rest, fell on the wolf, seizing her by the ears. Nicholas was about to stab her, but Daniel whispered, "Don't! We'll gag her!" and, changing his position, set his foot on the wolf's neck. A stick was thrust between her jaws and she was fastened with a leash, as if bridled, her legs were bound together, and Daniel rolled her over once or twice from side to side.

With happy, exhausted faces, they laid the old wolf, alive, on a shying and snorting horse and, accompanied by the dogs yelping at her, took her to the place where they were all to meet. The hounds had killed two of the cubs and the borzois three. The huntsmen assembled with their booty and their stories, and all came to look at the wolf, which, with her broad-browed head hanging down and the bitten stick between her jaws, gazed with great glassy eyes at this crowd of dogs and men surrounding her. When she was touched, she jerked her bound legs and looked wildly yet simply at everybody. Old Count Rostov also rode up and touched the wolf.

"Oh, what a formidable one!" said he. "A formidable one, eh?" he asked Daniel, who was standing near.

"Yes, your excellency," answered Daniel, quickly doffing his cap.

The count remembered the wolf he had let slip and his encounter with Daniel.

"Ah, but you are a crusty fellow, friend!" said the count.

For sole reply Daniel gave him a shy, childlike, meek, and amiable smile.

CHAPTER VI

The old count went home, and Natasha and Petya promised to return very soon, but as it was still early the hunt went farther. At midday they put the hounds into a ravine thickly overgrown with young trees. Nicholas standing in a fallow field could see all his whips.

Facing him lay a field of winter rye, there his own huntsman stood alone in a hollow behind a hazel bush. The hounds had scarcely been

loosed before Nicholas heard one he knew, Voltorn, giving tongue at intervals; other hounds joined in, now pausing and now again giving tongue. A moment later he heard a cry from the wooded ravine that a fox had been found, and the whole pack, joining together, rushed along the ravine toward the ryefield and away from Nicholas.

He saw the whips in their red caps galloping along the edge of the ravine, he even saw the hounds, and was expecting a fox to show itself at any moment on the ryefield opposite.

The huntsman standing in the hollow moved and loosed his borzois, and Nicholas saw a queer, short-legged red fox with a fine brush going hard across the field. The borzois bore down on it.... Now they drew close to the fox which began to dodge between the field in sharper and sharper curves, trailing its brush, when suddenly a strange white borzoi dashed in followed by a black one, and everything was in confusion; the borzois formed a star-shaped figure, scarcely swaying their bodies and with tails turned away from the center of the group. Two huntsmen galloped up to the dogs; one in a red cap, the other, a stranger, in a green coat.

"What's this?" thought Nicholas. "Where's that huntsman from? He is not 'Uncle's' man."

The huntsmen got the fox, but stayed there a long time without strapping it to the saddle. Their horses, bridled and with high saddles, stood near them and there too the dogs were lying. The huntsmen waved their arms and did something to the fox. Then from that spot came the sound of a horn, with the signal agreed on in case of a fight.

"That's Ilagin's huntsman having a row with our Ivan," said Nicholas' groom.

Nicholas sent the man to call Natasha and Petya to him, and rode at a footpace to the place where the whips were getting the hounds together. Several of the field galloped to the spot where the fight was going on.

Nicholas dismounted, and with Natasha and Petya, who had ridden up, stopped near the hounds, waiting to see how the matter would end. Out of the bushes came the huntsman who had been fighting and rode toward his young master, with the fox tied to his crupper. While still at a distance he took off his cap and tried to speak respectfully, but he was pale and breathless and his face was angry. One of his eyes was black, but he probably was not even aware of it.

"What has happened?" asked Nicholas.

"A likely thing, killing a fox our dogs had hunted! And it was my gray bitch that caught it! Go to law, indeed!... He snatches at the fox! I gave him one with the fox. Here it is on my saddle! Do you want a taste of this?..." said the huntsman, pointing to his dagger and probably imagining himself still speaking to his foe.

Nicholas, not stopping to talk to the man, asked his sister and Petya to wait for him and rode to the spot where the enemy's, Ilagin's, hunting party was.

The victorious huntsman rode off to join the field, and there, surrounded by inquiring sympathizers, recounted his exploits.

The facts were that Ilagin, with whom the Rostovs had a quarrel and were at law, hunted over places that belonged by custom to the Rostovs, and had now, as if purposely, sent his men to the very woods the Rostovs were hunting and let his man snatch a fox their dogs had chased.

Nicholas, though he had never seen Ilagin, with his usual absence of moderation in judgment, hated him cordially from reports of his arbitrariness and violence, and regarded him as his bitterest foe. He rode in angry agitation toward him, firmly grasping his whip and fully prepared to take the most resolute and desperate steps to punish his enemy.

Hardly had he passed an angle of the wood before a stout gentleman in a beaver cap came riding toward him on a handsome raven-black horse, accompanied by two hunt servants.

Instead of an enemy, Nicholas found in Ilagin a stately and courteous gentleman who was particularly anxious to make the young count's acquaintance. Having ridden up to Nicholas, Ilagin raised his beaver cap and said he much regretted what had occurred and would have the man punished who had allowed himself to seize a fox hunted by someone else's borzois. He hoped to become better acquainted with the count and invited him to draw his covert.

Natasha, afraid that her brother would do something dreadful, had followed him in some excitement. Seeing the enemies exchanging friendly greetings, she rode up to them. Ilagin lifted his beaver cap still higher to Natasha and said, with a pleasant smile, that the young countess resembled Diana in her passion for the chase as well as in her beauty, of which he had heard much.

To expiate his huntsman's offense, Ilagin pressed the Rostovs to come to an upland of his about a mile away which he usually kept for

himself and which, he said, swarmed with hares. Nicholas agreed, and the hunt, now doubled, moved on.

The way to Iligin's upland was across the fields. The hunt servants fell into line. The masters rode together. "Uncle," Rostov, and Ilagin kept stealthily glancing at one another's dogs, trying not to be observed by their companions and searching uneasily for rivals to their own borzois.

Rostov was particularly struck by the beauty of a small, pure-bred, red-spotted bitch on Ilagin's leash, slender but with muscles like steel, a delicate muzzle, and prominent black eyes. He had heard of the swiftness of Ilagin's borzois, and in that beautiful bitch saw a rival to his own Milka.

In the middle of a sober conversation begun by Ilagin about the year's harvest, Nicholas pointed to the red-spotted bitch.

"A fine little bitch, that!" said he in a careless tone. "Is she swift?"

"That one? Yes, she's a good dog, gets what she's after," answered Ilagin indifferently, of the red-spotted bitch Erza, for which, a year before, he had given a neighbor three families of house serfs. "So in your parts, too, the harvest is nothing to boast of, Count?" he went on, continuing the conversation they had begun. And considering it polite to return the young count's compliment, Ilagin looked at his borzois and picked out Milka who attracted his attention by her breadth. "That black-spotted one of yours is fine--well shaped!" said he.

"Yes, she's fast enough," replied Nicholas, and thought: "If only a full-grown hare would cross the field now I'd show you what sort of borzoi she is," and turning to his groom, he said he would give a ruble to anyone who found a hare.

"I don't understand," continued Ilagin, "how some sportsmen can be so jealous about game and dogs. For myself, I can tell you, Count, I enjoy riding in company such as this... what could be better?" (he again raised his cap to Natasha) "but as for counting skins and what one takes, I don't care about that."

"Of course not!"

"Or being upset because someone else's borzoi and not mine catches something. All I care about is to enjoy seeing the chase, is it not so, Count? For I consider that..."

"A-tu!" came the long-drawn cry of one of the borzoi whippers-in, who had halted. He stood on a knoll in the stubble, holding his whip aloft, and again repeated his long-drawn cry, "A-tu!" (This call and the uplifted whip meant that he saw a sitting hare.)

"Ah, he has found one, I think," said Ilagin carelessly. "Yes, we must ride up.... Shall we both course it?" answered Nicholas, seeing in Erza and "Uncle's" red Rugay two rivals he had never yet had a chance of pitting against his own borzois. "And suppose they outdo my Milka at once!" he thought as he rode with "Uncle" and Ilagin toward the hare.

"A full-grown one?" asked Ilagin as he approached the whip who had sighted the hare--and not without agitation he looked round and whistled to Erza.

"And you, Michael Nikanorovich?" he said, addressing "Uncle."

The latter was riding with a sullen expression on his face.

"How can I join in? Why, you've given a village for each of your borzois! That's it, come on! Yours are worth thousands. Try yours against one another, you two, and I'll look on!"

"Rugay, hey, hey!" he shouted. "Rugayushka!" he added, involuntarily by this diminutive expressing his affection and the hopes he placed on this red borzoi. Natasha saw and felt the agitation the two elderly men and her brother were trying to conceal, and was herself excited by it.

The huntsman stood halfway up the knoll holding up his whip and the gentlefolk rode up to him at a footpace; the hounds that were far off on the horizon turned away from the hare, and the whips, but not the gentlefolk, also moved away. All were moving slowly and sedately.

"How is it pointing?" asked Nicholas, riding a hundred paces toward the whip who had sighted the hare.

But before the whip could reply, the hare, scenting the frost coming next morning, was unable to rest and leaped up. The pack on leash rushed downhill in full cry after the hare, and from all sides the borzois that were not on leash darted after the hounds and the hare. All the hunt, who had been moving slowly, shouted, "Stop!" calling in the hounds, while the borzoi whips, with a cry of "A-tu!" galloped across the field setting the borzois on the hare. The tranquil Ilagin, Nicholas, Natasha, and "Uncle" flew, reckless of where and how they went, seeing only the borzois and the hare and fearing only to lose

sight even for an instant of the chase. The hare they had started was a strong and swift one. When he jumped up he did not run at once, but pricked his ears listening to the shouting and trampling that resounded from all sides at once. He took a dozen bounds, not very quickly, letting the borzois gain on him, and, finally having chosen his direction and realized his danger, laid back his ears and rushed off headlong. He had been lying in the stubble, but in front of him was the autumn sowing where the ground was soft. The two borzois of the huntsman who had sighted him, having been the nearest, were the first to see and pursue him, but they had not gone far before Ilagin's red-spotted Erza passed them, got within a length, flew at the hare with terrible swiftness aiming at his scut, and, thinking she had seized him, rolled over like a ball. The hare arched his back and bounded off yet more swiftly. From behind Erza rushed the broad-haunched, black-spotted Milka and began rapidly gaining on the hare.

"Milashka, dear!" rose Nicholas' triumphant cry. It looked as if Milka would immediately pounce on the hare, but she overtook him and flew past. The hare had squatted. Again the beautiful Erza reached him, but when close to the hare's scut paused as if measuring the distance, so as not to make a mistake this time but seize his hind leg.

"Erza, darling!" Ilagin wailed in a voice unlike his own. Erza did not hearken to his appeal. At the very moment when she would have seized her prey, the hare moved and darted along the balk between the winter rye and the stubble. Again Erza and Milka were abreast, running like a pair of carriage horses, and began to overtake the hare, but it was easier for the hare to run on the balk and the borzois did not overtake him so quickly.

"Rugay, Rugayushka! That's it, come on!" came a third voice just then, and "Uncle's" red borzoi, straining and curving its back, caught up with the two foremost borzois, pushed ahead of them regardless of the terrible strain, put on speed close to the hare, knocked it off the balk onto the ryefield, again put on speed still more viciously, sinking to his knees in the muddy field, and all one could see was how, muddying his back, he rolled over with the hare. A ring of borzois surrounded him. A moment later everyone had drawn up round the crowd of dogs. Only the delighted "Uncle" dismounted, and cut off a pad, shaking the hare for the blood to drip off, and anxiously glancing round with restless eyes while his arms and legs twitched. He spoke without himself knowing whom to or what about. "That's it, come on! That's a dog!... There, it has beaten them all, the thousand-ruble as well as the one-ruble borzois. That's it, come on!" said he, panting and looking wrathfully around as if he were abusing someone, as if they were all his enemies and had insulted him,

and only now had he at last succeeded in justifying himself. "There are your thousand-ruble ones.... That's it, come on!..."

"Rugay, here's a pad for you!" he said, throwing down the hare's muddy pad. "You've deserved it, that's it, come on!"

"She'd tired herself out, she'd run it down three times by herself," said Nicholas, also not listening to anyone and regardless of whether he were heard or not.

"But what is there in running across it like that?" said Ilagin's groom.

"Once she had missed it and turned it away, any mongrel could take it," Ilagin was saying at the same time, breathless from his gallop and his excitement. At the same moment Natasha, without drawing breath, screamed joyously, ecstatically, and so piercingly that it set everyone's ear tingling. By that shriek she expressed what the others expressed by all talking at once, and it was so strange that she must herself have been ashamed of so wild a cry and everyone else would have been amazed at it at any other time. "Uncle" himself twisted up the hare, threw it neatly and smartly across his horse's back as if by that gesture he meant to rebuke everybody, and, with an air of not wishing to speak to anyone, mounted his bay and rode off. The others all followed, dispirited and shamefaced, and only much later were they able to regain their former affectation of indifference. For a long time they continued to look at red Rugay who, his arched back spattered with mud and clanking the ring of his leash, walked along just behind "Uncle's" horse with the serene air of a conqueror.

"Well, I am like any other dog as long as it's not a question of coursing. But when it is, then look out!" his appearance seemed to Nicholas to be saying.

When, much later, "Uncle" rode up to Nicholas and began talking to him, he felt flattered that, after what had happened, "Uncle" deigned to speak to him.

CHAPTER VII

Toward evening Ilagin took leave of Nicholas, who found that they were so far from home that he accepted "Uncle's" offer that the

hunting party should spend the night in his little village of Mikhaylovna.

"And if you put up at my house that will be better still. That's it, come on!" said "Uncle." "You see it's damp weather, and you could rest, and the little countess could be driven home in a trap."

"Uncle's" offer was accepted. A huntsman was sent to Otradnoe for a trap, while Nicholas rode with Natasha and Petya to "Uncle's" house.

Some five male domestic serfs, big and little, rushed out to the front porch to meet their master. A score of women serfs, old and young, as well as children, popped out from the back entrance to have a look at the hunters who were arriving. The presence of Natasha--a woman, a lady, and on horseback--raised the curiosity of the serfs to such a degree that many of them came up to her, stared her in the face, and unabashed by her presence made remarks about her as though she were some prodigy on show and not a human being able to hear or understand what was said about her.

"Arinka! Look, she sits sideways! There she sits and her skirt dangles.... See, she's got a little hunting horn!"

"Goodness gracious! See her knife?..."

"Isn't she a Tartar!"

"How is it you didn't go head over heels?" asked the boldest of all, addressing Natasha directly.

"Uncle" dismounted at the porch of his little wooden house which stood in the midst of an overgrown garden and, after a glance at his retainers, shouted authoritatively that the superfluous ones should take themselves off and that all necessary preparations should be made to receive the guests and the visitors.

The serfs all dispersed. "Uncle" lifted Natasha off her horse and taking her hand led her up the rickety wooden steps of the porch. The house, with its bare, unplastered log walls, was not overclean--it did not seem that those living in it aimed at keeping it spotless--but neither was it noticeably neglected. In the entry there was a smell of fresh apples, and wolf and fox skins hung about.

"Uncle" led the visitors through the anteroom into a small hall with a folding table and red chairs, then into the drawing room with a round birchwood table and a sofa, and finally into his private room where there was a tattered sofa, a worn carpet, and portraits of Suvorov, of the host's father and mother, and of himself in military

uniform. The study smelt strongly of tobacco and dogs. "Uncle" asked his visitors to sit down and make themselves at home, and then went out of the room. Rugay, his back still muddy, came into the room and lay down on the sofa, cleaning himself with his tongue and teeth. Leading from the study was a passage in which a partition with ragged curtains could be seen. From behind this came women's laughter and whispers. Natasha, Nicholas, and Petya took off their wraps and sat down on the sofa. Petya, leaning on his elbow, fell asleep at once. Natasha and Nicholas were silent. Their faces glowed, they were hungry and very cheerful. They looked at one another (now that the hunt was over and they were in the house, Nicholas no longer considered it necessary to show his manly superiority over his sister), Natasha gave him a wink, and neither refrained long from bursting into a peal of ringing laughter even before they had a pretext ready to account for it.

After a while "Uncle" came in, in a Cossack coat, blue trousers, and small top boots. And Natasha felt that this costume, the very one she had regarded with surprise and amusement at Otradnoe, was just the right thing and not at all worse than a swallow-tail or frock coat. "Uncle" too was in high spirits and far from being offended by the brother's and sister's laughter (it could never enter his head that they might be laughing at his way of life) he himself joined in the merriment.

"That's right, young countess, that's it, come on! I never saw anyone like her!" said he, offering Nicholas a pipe with a long stem and, with a practiced motion of three fingers, taking down another that had been cut short. "She's ridden all day like a man, and is as fresh as ever!"

Soon after "Uncle's" reappearance the door was opened, evidently from the sound by a barefooted girl, and a stout, rosy, good-looking woman of about forty, with a double chin and full red lips, entered carrying a large loaded tray. With hospitable dignity and cordiality in her glance and in every motion, she looked at the visitors and, with a pleasant smile, bowed respectfully. In spite of her exceptional stoutness, which caused her to protrude her chest and stomach and throw back her head, this woman (who was "Uncle's" housekeeper) trod very lightly. She went to the table, set down the tray, and with her plump white hands deftly took from it the bottles and various hors d'oeuvres and dishes and arranged them on the table. When she had finished, she stepped aside and stopped at the door with a smile on her face. "Here I am. I am she! Now do you understand 'Uncle'?" her expression said to Rostov. How could one help understanding? Not only Nicholas, but even Natasha understood the meaning of his puckered brow and the happy complacent smile that slightly puckered his lips when Anisya Fedorovna entered. On the tray was a bottle of herb

wine, different kinds of vodka, pickled mushrooms, rye cakes made with buttermilk, honey in the comb, still mead and sparkling mead, apples, nuts (raw and roasted), and nut-and-honey sweets. Afterwards she brought a freshly roasted chicken, ham, preserves made with honey, and preserves made with sugar.

All this was the fruit of Anisya Fedorovna's housekeeping, gathered and prepared by her. The smell and taste of it all had a smack of Anisya Fedorovna herself: a savor of juiciness, cleanliness, whiteness, and pleasant smiles.

"Take this, little Lady-Countess!" she kept saying, as she offered Natasha first one thing and then another.

Natasha ate of everything and thought she had never seen or eaten such buttermilk cakes, such aromatic jam, such honey-and-nut sweets, or such a chicken anywhere. Anisya Fedorovna left the room.

After supper, over their cherry brandy, Rostov and "Uncle" talked of past and future hunts, of Rugay and Ilagin's dogs, while Natasha sat upright on the sofa and listened with sparkling eyes. She tried several times to wake Petya that he might eat something, but he only muttered incoherent words without waking up. Natasha felt so lighthearted and happy in these novel surroundings that she only feared the trap would come for her too soon. After a casual pause, such as often occurs when receiving friends for the first time in one's own house, "Uncle," answering a thought that was in his visitors' mind, said:

"This, you see, is how I am finishing my days... Death will come. That's it, come on! Nothing will remain. Then why harm anyone?"

"Uncle's" face was very significant and even handsome as he said this. Involuntarily Rostov recalled all the good he had heard about him from his father and the neighbors. Throughout the whole province "Uncle" had the reputation of being the most honorable and disinterested of cranks. They called him in to decide family disputes, chose him as executor, confided secrets to him, elected him to be a justice and to other posts; but he always persistently refused public appointments, passing the autumn and spring in the fields on his bay gelding, sitting at home in winter, and lying in his overgrown garden in summer.

"Why don't you enter the service, Uncle?"

"I did once, but gave it up. I am not fit for it. That's it, come on! I can't make head or tail of it. That's for you--I haven't brains enough. Now, hunting is another matter--that's it, come on!"

Open the door, there!" he shouted. "Why have you shut it?"

The door at the end of the passage led to the huntsmen's room, as they called the room for the hunt servants.

There was a rapid patter of bare feet, and an unseen hand opened the door into the huntsmen's room, from which came the clear sounds of a balalayka on which someone, who was evidently a master of the art, was playing. Natasha had been listening to those strains for some time and now went out into the passage to hear better.

"That's Mitka, my coachman.... I have got him a good balalayka. I'm fond of it," said "Uncle."

It was the custom for Mitka to play the balalayka in the huntsmen's room when "Uncle" returned from the chase. "Uncle" was fond of such music.

"How good! Really very good!" said Nicholas with some unintentional superciliousness, as if ashamed to confess that the sounds pleased him very much.

"Very good?" said Natasha reproachfully, noticing her brother's tone. "Not 'very good' it's simply delicious!"

Just as "Uncle's" pickled mushrooms, honey, and cherry brandy had seemed to her the best in the world, so also that song, at that moment, seemed to her the acme of musical delight.

"More, please, more!" cried Natasha at the door as soon as the balalayka ceased. Mitka tuned up afresh, and recommenced thrumming the balalayka to the air of My Lady, with trills and variations. "Uncle" sat listening, slightly smiling, with his head on one side. The air was repeated a hundred times. The balalayka was retuned several times and the same notes were thrummed again, but the listeners did not grow weary of it and wished to hear it again and again. Anisya Fedorovna came in and leaned her portly person against the doorpost.

"You like listening?" she said to Natasha, with a smile extremely like "Uncle's." "That's a good player of ours," she added.

"He doesn't play that part right!" said "Uncle" suddenly, with an energetic gesture. "Here he ought to burst out--that's it, come on!--ought to burst out."

"Do you play then?" asked Natasha.

"Uncle" did not answer, but smiled.

"Anisya, go and see if the strings of my guitar are all right. I haven't touched it for a long time. That's it--come on! I've given it up."

Anisya Fedorovna, with her light step, willingly went to fulfill her errand and brought back the guitar.

Without looking at anyone, "Uncle" blew the dust off it and, tapping the case with his bony fingers, tuned the guitar and settled himself in his armchair. He took the guitar a little above the fingerboard, arching his left elbow with a somewhat theatrical gesture, and, with a wink at Anisya Fedorovna, struck a single chord, pure and sonorous, and then quietly, smoothly, and confidently began playing in very slow time, not My Lady, but the well-known song: Came a maiden down the street. The tune, played with precision and in exact time, began to thrill in the hearts of Nicholas and Natasha, arousing in them the same kind of sober mirth as radiated from Anisya Fedorovna's whole being. Anisya Fedorovna flushed, and drawing her kerchief over her face went laughing out of the room. "Uncle" continued to play correctly, carefully, with energetic firmness, looking with a changed and inspired expression at the spot where Anisya Fedorovna had just stood. Something seemed to be laughing a little on one side of his face under his gray mustaches, especially as the song grew brisker and the time quicker and when, here and there, as he ran his fingers over the strings, something seemed to snap.

"Lovely, lovely! Go on, Uncle, go on!" shouted Natasha as soon as he had finished. She jumped up and hugged and kissed him. "Nicholas, Nicholas!" she said, turning to her brother, as if asking him: "What is it moves me so?"

Nicholas too was greatly pleased by "Uncle's" playing, and "Uncle" played the piece over again. Anisya Fedorovna's smiling face reappeared in the doorway and behind hers other faces...

Fetching water clear and sweet,
Stop, dear maiden, I entreat-

played "Uncle" once more, running his fingers skillfully over the strings, and then he stopped short and jerked his shoulders.

"Go on, Uncle dear," Natasha wailed in an imploring tone as if her life depended on it.

"Uncle" rose, and it was as if there were two men in him: one of them smiled seriously at the merry fellow, while the merry fellow struck a naive and precise attitude preparatory to a folk dance.

"Now then, niece!" he exclaimed, waving to Natasha the hand that had just struck a chord.

Natasha threw off the shawl from her shoulders, ran forward to face "Uncle," and setting her arms akimbo also made a motion with her shoulders and struck an attitude.

Where, how, and when had this young countess, educated by an emigree French governess, imbibed from the Russian air she breathed that spirit and obtained that manner which the *pas de chale** would, one would have supposed, long ago have effaced? But the spirit and the movements were those inimitable and unteachable Russian ones that "Uncle" had expected of her. As soon as she had struck her pose, and smiled triumphantly, proudly, and with sly merriment, the fear that had at first seized Nicholas and the others that she might not do the right thing was at an end, and they were already admiring her.

*The French shawl dance.

She did the right thing with such precision, such complete precision, that Anisya Fedorovna, who had at once handed her the handkerchief she needed for the dance, had tears in her eyes, though she laughed as she watched this slim, graceful countess, reared in silks and velvets and so different from herself, who yet was able to understand all that was in Anisya and in Anisya's father and mother and aunt, and in every Russian man and woman.

"Well, little countess; that's it--come on!" cried "Uncle," with a joyous laugh, having finished the dance. "Well done, niece! Now a fine young fellow must be found as husband for you. That's it--come on!"

"He's chosen already," said Nicholas smiling.

"Oh?" said "Uncle" in surprise, looking inquiringly at Natasha, who nodded her head with a happy smile.

"And such a one!" she said. But as soon as she had said it a new train of thoughts and feelings arose in her. "What did Nicholas' smile mean when he said 'chosen already'? Is he glad of it or not? It is as if he thought my Bolkonski would not approve of or understand our gaiety. But he would understand it all. Where is he now?" she thought, and her face suddenly became serious. But this lasted only a second. "Don't dare to think about it," she said to herself, and sat down again smilingly beside "Uncle," begging him to play something more.

"Uncle" played another song and a valse; then after a pause he cleared his throat and sang his favorite hunting song:

As 'twas growing dark last night
Fell the snow so soft and light...

"Uncle" sang as peasants sing, with full and naive conviction that the whole meaning of a song lies in the words and that the tune comes of itself, and that apart from the words there is no tune, which exists only to give measure to the words. As a result of this the unconsidered tune, like the song of a bird, was extraordinarily good. Natasha was in ecstasies over "Uncle's" singing. She resolved to give up learning the harp and to play only the guitar. She asked "Uncle" for his guitar and at once found the chords of the song.

After nine o'clock two traps and three mounted men, who had been sent to look for them, arrived to fetch Natasha and Petya. The count and countess did not know where they were and were very anxious, said one of the men.

Petya was carried out like a log and laid in the larger of the two traps. Natasha and Nicholas got into the other. "Uncle" wrapped Natasha up warmly and took leave of her with quite a new tenderness. He accompanied them on foot as far as the bridge that could not be crossed, so that they had to go round by the ford, and he sent huntsmen to ride in front with lanterns.

"Good-by, dear niece," his voice called out of the darkness--not the voice Natasha had known previously, but the one that had sung *As 'twas growing dark last night*.

In the village through which they passed there were red lights and a cheerful smell of smoke.

"What a darling Uncle is!" said Natasha, when they had come out onto the highroad.

"Yes," returned Nicholas. "You're not cold?"

"No. I'm quite, quite all right. I feel so comfortable!" answered Natasha, almost perplexed by her feelings. They remained silent a long while. The night was dark and damp. They could not see the horses, but only heard them splashing through the unseen mud.

What was passing in that receptive childlike soul that so eagerly caught and assimilated all the diverse impressions of life? How did they all find place in her? But she was very happy. As they were

nearing home she suddenly struck up the air of As 'twas growing dark last night--the tune of which she had all the way been trying to get and had at last caught.

"Got it?" said Nicholas.

"What were you thinking about just now, Nicholas?" inquired Natasha.

They were fond of asking one another that question.

"I?" said Nicholas, trying to remember. "Well, you see, first I thought that Rugay, the red hound, was like Uncle, and that if he were a man he would always keep Uncle near him, if not for his riding, then for his manner. What a good fellow Uncle is! Don't you think so?... Well, and you?"

"I? Wait a bit, wait.... Yes, first I thought that we are driving along and imagining that we are going home, but that heaven knows where we are really going in the darkness, and that we shall arrive and suddenly find that we are not in Otradnoe, but in Fairyland. And then I thought... No, nothing else."

"I know, I expect you thought of him," said Nicholas, smiling as Natasha knew by the sound of his voice.

"No," said Natasha, though she had in reality been thinking about Prince Andrew at the same time as of the rest, and of how he would have liked "Uncle." "And then I was saying to myself all the way, 'How well Anisya carried herself, how well!'" And Nicholas heard her spontaneous, happy, ringing laughter. "And do you know," she suddenly said, "I know that I shall never again be as happy and tranquil as I am now."

"Rubbish, nonsense, humbug!" exclaimed Nicholas, and he thought: "How charming this Natasha of mine is! I have no other friend like her and never shall have. Why should she marry? We might always drive about together!"

"What a darling this Nicholas of mine is!" thought Natasha.

"Ah, there are still lights in the drawingroom!" she said, pointing to the windows of the house that gleamed invitingly in the moist velvety darkness of the night.

CHAPTER VIII

Count Ilya Rostov had resigned the position of Marshal of the Nobility because it involved him in too much expense, but still his affairs did not improve. Natasha and Nicholas often noticed their parents conferring together anxiously and privately and heard suggestions of selling the fine ancestral Rostov house and estate near Moscow. It was not necessary to entertain so freely as when the count had been Marshal, and life at Otradnoe was quieter than in former years, but still the enormous house and its lodges were full of people and more than twenty sat down to table every day. These were all their own people who had settled down in the house almost as members of the family, or persons who were, it seemed, obliged to live in the count's house. Such were Dimmler the musician and his wife, Vogel the dancing master and his family, Belova, an old maiden lady, an inmate of the house, and many others such as Petya's tutors, the girls' former governess, and other people who simply found it preferable and more advantageous to live in the count's house than at home. They had not as many visitors as before, but the old habits of life without which the count and countess could not conceive of existence remained unchanged. There was still the hunting establishment which Nicholas had even enlarged, the same fifty horses and fifteen grooms in the stables, the same expensive presents and dinner parties to the whole district on name days; there were still the count's games of whist and boston, at which--spreading out his cards so that everybody could see them--he let himself be plundered of hundreds of rubles every day by his neighbors, who looked upon an opportunity to play a rubber with Count Rostov as a most profitable source of income.

The count moved in his affairs as in a huge net, trying not to believe that he was entangled but becoming more and more so at every step, and feeling too feeble to break the meshes or to set to work carefully and patiently to disentangle them. The countess, with her loving heart, felt that her children were being ruined, that it was not the count's fault for he could not help being what he was--that (though he tried to hide it) he himself suffered from the consciousness of his own and his children's ruin, and she tried to find means of remedying the position. From her feminine point of view she could see only one solution, namely, for Nicholas to marry a rich heiress. She felt this to be their last hope and that if Nicholas refused the match she had found for him, she would have to abandon the hope of ever getting matters right. This match was with Julie Karagina, the daughter of excellent and virtuous parents, a girl the Rostovs had known from childhood, and who had now become a wealthy heiress through the death of the last of her brothers.

The countess had written direct to Julie's mother in Moscow suggesting a marriage between their children and had received a favorable answer from her. Karagina had replied that for her part she was agreeable, and everything depend on her daughter's inclination. She invited Nicholas to come to Moscow.

Several times the countess, with tears in her eyes, told her son that now both her daughters were settled, her only wish was to see him married. She said she could lie down in her grave peacefully if that were accomplished. Then she told him that she knew of a splendid girl and tried to discover what he thought about marriage.

At other times she praised Julie to him and advised him to go to Moscow during the holidays to amuse himself. Nicholas guessed what his mother's remarks were leading to and during one of these conversations induced her to speak quite frankly. She told him that her only hope of getting their affairs disentangled now lay in his marrying Julie Karagina.

"But, Mamma, suppose I loved a girl who has no fortune, would you expect me to sacrifice my feelings and my honor for the sake of money?" he asked his mother, not realizing the cruelty of his question and only wishing to show his noble-mindedness.

"No, you have not understood me," said his mother, not knowing how to justify herself. "You have not understood me, Nikolenka. It is your happiness I wish for," she added, feeling that she was telling an untruth and was becoming entangled. She began to cry.

"Mamma, don't cry! Only tell me that you wish it, and you know I will give my life, anything, to put you at ease," said Nicholas. "I would sacrifice anything for you--even my feelings."

But the countess did not want the question put like that: she did not want a sacrifice from her son, she herself wished to make a sacrifice for him.

"No, you have not understood me, don't let us talk about it," she replied, wiping away her tears.

"Maybe I do love a poor girl," said Nicholas to himself. "Am I to sacrifice my feelings and my honor for money? I wonder how Mamma could speak so to me. Because Sonya is poor I must not love her," he thought, "must not respond to her faithful, devoted love? Yet I should certainly be happier with her than with some doll-like Julie. I can always sacrifice my feelings for my family's welfare," he said to himself, "but I can't coerce my feelings. If I love Sonya, that feeling is for me stronger and higher than all else."

Nicholas did not go to Moscow, and the countess did not renew the conversation with him about marriage. She saw with sorrow, and sometimes with exasperation, symptoms of a growing attachment between her son and the portionless Sonya. Though she blamed herself for it, she could not refrain from grumbling at and worrying Sonya, often pulling her up without reason, addressing her stiffly as "my dear," and using the formal "you" instead of the intimate "thou" in speaking to her. The kindhearted countess was the more vexed with Sonya because that poor, dark-eyed niece of hers was so meek, so kind, so devotedly grateful to her benefactors, and so faithfully, unchangingly, and unselfishly in love with Nicholas, that there were no grounds for finding fault with her.

Nicholas was spending the last of his leave at home. A fourth letter had come from Prince Andrew, from Rome, in which he wrote that he would have been on his way back to Russia long ago had not his wound unexpectedly reopened in the warm climate, which obliged him to defer his return till the beginning of the new year. Natasha was still as much in love with her betrothed, found the same comfort in that love, and was still as ready to throw herself into all the pleasures of life as before; but at the end of the fourth month of their separation she began to have fits of depression which she could not master. She felt sorry for herself: sorry that she was being wasted all this time and of no use to anyone--while she felt herself so capable of loving and being loved.

Things were not cheerful in the Rostovs' home.

CHAPTER IX

Christmas came and except for the ceremonial Mass, the solemn and wearisome Christmas congratulations from neighbors and servants, and the new dresses everyone put on, there were no special festivities, though the calm frost of twenty degrees Reaumur, the dazzling sunshine by day, and the starlight of the winter nights seemed to call for some special celebration of the season.

On the third day of Christmas week, after the midday dinner, all the inmates of the house dispersed to various rooms. It was the dullest time of the day. Nicholas, who had been visiting some neighbors that morning, was asleep on the sitting-room sofa. The old count was resting in his study. Sonya sat in the drawing room at the round

table, copying a design for embroidery. The countess was playing patience. Nastasya Ivanovna the buffoon sat with a sad face at the window with two old ladies. Natasha came into the room, went up to Sonya, glanced at what she was doing, and then went up to her mother and stood without speaking.

"Why are you wandering about like an outcast?" asked her mother. "What do you want?"

"Him... I want him... now, this minute! I want him!" said Natasha, with glittering eyes and no sign of a smile.

The countess lifted her head and looked attentively at her daughter.

"Don't look at me, Mamma! Don't look; I shall cry directly."

"Sit down with me a little," said the countess.

"Mamma, I want him. Why should I be wasted like this, Mamma?"

Her voice broke, tears gushed from her eyes, and she turned quickly to hide them and left the room.

She passed into the sitting room, stood there thinking awhile, and then went into the maids' room. There an old maidservant was grumbling at a young girl who stood panting, having just run in through the cold from the serfs' quarters.

"Stop playing--there's a time for everything," said the old woman.

"Let her alone, Kondratevna," said Natasha. "Go, Mavrushka, go."

Having released Mavrushka, Natasha crossed the dancing hall and went to the vestibule. There an old footman and two young ones were playing cards. They broke off and rose as she entered.

"What can I do with them?" thought Natasha.

"Oh, Nikita, please go... where can I send him?... Yes, go to the yard and fetch a fowl, please, a cock, and you, Misha, bring me some oats."

"Just a few oats?" said Misha, cheerfully and readily.

"Go, go quickly," the old man urged him.

"And you, Theodore, get me a piece of chalk."

On her way past the butler's pantry she told them to set a samovar, though it was not at all the time for tea.

Foka, the butler, was the most ill-tempered person in the house. Natasha liked to test her power over him. He distrusted the order and asked whether the samovar was really wanted.

"Oh dear, what a young lady!" said Foka, pretending to frown at Natasha.

No one in the house sent people about or gave them as much trouble as Natasha did. She could not see people unconcernedly, but had to send them on some errand. She seemed to be trying whether any of them would get angry or sulky with her; but the serfs fulfilled no one's orders so readily as they did hers. "What can I do, where can I go?" thought she, as she went slowly along the passage.

"Nastasya Ivanovna, what sort of children shall I have?" she asked the buffoon, who was coming toward her in a woman's jacket.

"Why, fleas, crickets, grasshoppers," answered the buffoon.

"O Lord, O Lord, it's always the same! Oh, where am I to go? What am I to do with myself?" And tapping with her heels, she ran quickly upstairs to see Vogel and his wife who lived on the upper story.

Two governesses were sitting with the Vogels at a table, on which were plates of raisins, walnuts, and almonds. The governesses were discussing whether it was cheaper to live in Moscow or Odessa. Natasha sat down, listened to their talk with a serious and thoughtful air, and then got up again.

"The island of Madagascar," she said, "Ma-da-gas-car," she repeated, articulating each syllable distinctly, and, not replying to Madame Schoss who asked her what she was saying, she went out of the room.

Her brother Petya was upstairs too; with the man in attendance on him he was preparing fireworks to let off that night.

"Petya! Petya!" she called to him. "Carry me downstairs."

Petya ran up and offered her his back. She jumped on it, putting her arms round his neck, and he pranced along with her.

"No, don't... the island of Madagascar!" she said, and jumping off his back she went downstairs.

Having as it were reviewed her kingdom, tested her power, and made

sure that everyone was submissive, but that all the same it was dull, Natasha betook herself to the ballroom, picked up her guitar, sat down in a dark corner behind a bookcase, and began to run her fingers over the strings in the bass, picking out a passage she recalled from an opera she had heard in Petersburg with Prince Andrew. What she drew from the guitar would have had no meaning for other listeners, but in her imagination a whole series of reminiscences arose from those sounds. She sat behind the bookcase with her eyes fixed on a streak of light escaping from the pantry door and listened to herself and pondered. She was in a mood for brooding on the past.

Sonya passed to the pantry with a glass in her hand. Natasha glanced at her and at the crack in the pantry door, and it seemed to her that she remembered the light failing through that crack once before and Sonya passing with a glass in her hand. "Yes it was exactly the same," thought Natasha.

"Sonya, what is this?" she cried, twanging a thick string.

"Oh, you are there!" said Sonya with a start, and came near and listened. "I don't know. A storm?" she ventured timidly, afraid of being wrong.

"There! That's just how she started and just how she came up smiling timidly when all this happened before," thought Natasha, "and in just the same way I thought there was something lacking in her."

"No, it's the chorus from The Water-Carrier, listen!" and Natasha sang the air of the chorus so that Sonya should catch it. "Where were you going?" she asked.

"To change the water in this glass. I am just finishing the design."

"You always find something to do, but I can't," said Natasha. "And where's Nicholas?"

"Asleep, I think."

"Sonya, go and wake him," said Natasha. "Tell him I want him to come and sing."

She sat awhile, wondering what the meaning of it all having happened before could be, and without solving this problem, or at all regretting not having done so, she again passed in fancy to the time when she was with him and he was looking at her with a lover's eyes.

"Oh, if only he would come quicker! I am so afraid it will never be!

And, worst of all, I am growing old--that's the thing! There won't then be in me what there is now. But perhaps he'll come today, will come immediately. Perhaps he has come and is sitting in the drawing room. Perhaps he came yesterday and I have forgotten it." She rose, put down the guitar, and went to the drawing room.

All the domestic circle, tutors, governesses, and guests, were already at the tea table. The servants stood round the table--but Prince Andrew was not there and life was going on as before.

"Ah, here she is!" said the old count, when he saw Natasha enter. "Well, sit down by me." But Natasha stayed by her mother and glanced round as if looking for something.

"Mamma!" she muttered, "give him to me, give him, Mamma, quickly, quickly!" and she again had difficulty in repressing her sobs.

She sat down at the table and listened to the conversation between the elders and Nicholas, who had also come to the table. "My God, my God! The same faces, the same talk, Papa holding his cup and blowing in the same way!" thought Natasha, feeling with horror a sense of repulsion rising up in her for the whole household, because they were always the same.

After tea, Nicholas, Sonya, and Natasha went to the sitting room, to their favorite corner where their most intimate talks always began.

CHAPTER X

"Does it ever happen to you," said Natasha to her brother, when they settled down in the sitting room, "does it ever happen to you to feel as if there were nothing more to come--nothing; that everything good is past? And to feel not exactly dull, but sad?"

"I should think so!" he replied. "I have felt like that when everything was all right and everyone was cheerful. The thought has come into my mind that I was already tired of it all, and that we must all die. Once in the regiment I had not gone to some merrymaking where there was music... and suddenly I felt so depressed..."

"Oh yes, I know, I know, I know!" Natasha interrupted him. "When I was quite little that used to be so with me. Do you remember when I was punished once about some plums? You were all dancing, and I sat

sobbing in the schoolroom? I shall never forget it: I felt sad and sorry for everyone, for myself, and for everyone. And I was innocent--that was the chief thing," said Natasha. "Do you remember?"

"I remember," answered Nicholas. "I remember that I came to you afterwards and wanted to comfort you, but do you know, I felt ashamed to. We were terribly absurd. I had a funny doll then and wanted to give it to you. Do you remember?"

"And do you remember," Natasha asked with a pensive smile, "how once, long, long ago, when we were quite little, Uncle called us into the study--that was in the old house--and it was dark--we went in and suddenly there stood..."

"A Negro," chimed in Nicholas with a smile of delight. "Of course I remember. Even now I don't know whether there really was a Negro, or if we only dreamed it or were told about him."

"He was gray, you remember, and had white teeth, and stood and looked at us..."

"Sonya, do you remember?" asked Nicholas.

"Yes, yes, I do remember something too," Sonya answered timidly.

"You know I have asked Papa and Mamma about that Negro," said Natasha, "and they say there was no Negro at all. But you see, you remember!"

"Of course I do, I remember his teeth as if I had just seen them."

"How strange it is! It's as if it were a dream! I like that."

"And do you remember how we rolled hard-boiled eggs in the ballroom, and suddenly two old women began spinning round on the carpet? Was that real or not? Do you remember what fun it was?"

"Yes, and you remember how Papa in his blue overcoat fired a gun in the porch?"

So they went through their memories, smiling with pleasure: not the sad memories of old age, but poetic, youthful ones--those impressions of one's most distant past in which dreams and realities blend--and they laughed with quiet enjoyment.

Sonya, as always, did not quite keep pace with them, though they shared the same reminiscences.

Much that they remembered had slipped from her mind, and what she recalled did not arouse the same poetic feeling as they experienced. She simply enjoyed their pleasure and tried to fit in with it.

She only really took part when they recalled Sonya's first arrival. She told them how afraid she had been of Nicholas because he had on a corded jacket and her nurse had told her that she, too, would be sewn up with cords.

"And I remember their telling me that you had been born under a cabbage," said Natasha, "and I remember that I dared not disbelieve it then, but knew that it was not true, and I felt so uncomfortable."

While they were talking a maid thrust her head in at the other door of the sitting room.

"They have brought the cock, Miss," she said in a whisper.

"It isn't wanted, Petya. Tell them to take it away," replied Natasha.

In the middle of their talk in the sitting room, Dimmler came in and went up to the harp that stood there in a corner. He took off its cloth covering, and the harp gave out a jarring sound.

"Mr. Dimmler, please play my favorite nocturne by Field," came the old countess' voice from the drawing room.

Dimmler struck a chord and, turning to Natasha, Nicholas, and Sonya, remarked: "How quiet you young people are!"

"Yes, we're philosophizing," said Natasha, glancing round for a moment and then continuing the conversation. They were now discussing dreams.

Dimmler began to play; Natasha went on tiptoe noiselessly to the table, took up a candle, carried it out, and returned, seating herself quietly in her former place. It was dark in the room especially where they were sitting on the sofa, but through the big windows the silvery light of the full moon fell on the floor. Dimmler had finished the piece but still sat softly running his fingers over the strings, evidently uncertain whether to stop or to play something else.

"Do you know," said Natasha in a whisper, moving closer to Nicholas and Sonya, "that when one goes on and on recalling memories, one at last begins to remember what happened before one was in the world..."

"That is metempsychosis," said Sonya, who had always learned well, and remembered everything. "The Egyptians believed that our souls have lived in animals, and will go back into animals again."

"No, I don't believe we ever were in animals," said Natasha, still in a whisper though the music had ceased. "But I am certain that we were angels somewhere there, and have been here, and that is why we remember...."

"May I join you?" said Dimmler who had come up quietly, and he sat down by them.

"If we have been angels, why have we fallen lower?" said Nicholas. "No, that can't be!"

"Not lower, who said we were lower?... How do I know what I was before?" Natasha rejoined with conviction. "The soul is immortal--well then, if I shall always live I must have lived before, lived for a whole eternity."

"Yes, but it is hard for us to imagine eternity," remarked Dimmler, who had joined the young folk with a mildly condescending smile but now spoke as quietly and seriously as they.

"Why is it hard to imagine eternity?" said Natasha. "It is now today, and it will be tomorrow, and always; and there was yesterday, and the day before..."

"Natasha! Now it's your turn. Sing me something," they heard the countess say. "Why are you sitting there like conspirators?"

"Mamma, I don't at all want to," replied Natasha, but all the same she rose.

None of them, not even the middle-aged Dimmler, wanted to break off their conversation and quit that corner in the sitting room, but Natasha got up and Nicholas sat down at the clavichord. Standing as usual in the middle of the hall and choosing the place where the resonance was best, Natasha began to sing her mother's favorite song.

She had said she did not want to sing, but it was long since she had sung, and long before she again sang, as she did that evening. The count, from his study where he was talking to Mitenka, heard her and, like a schoolboy in a hurry to run out to play, blundered in his talk while giving orders to the steward, and at last stopped, while Mitenka stood in front of him also listening and smiling. Nicholas did not take his eyes off his sister and drew breath in time with her. Sonya, as she listened, thought of the immense

difference there was between herself and her friend, and how impossible it was for her to be anything like as bewitching as her cousin. The old countess sat with a blissful yet sad smile and with tears in her eyes, occasionally shaking her head. She thought of Natasha and of her own youth, and of how there was something unnatural and dreadful in this impending marriage of Natasha and Prince Andrew.

Dimmler, who had seated himself beside the countess, listened with closed eyes.

"Ah, Countess," he said at last, "that's a European talent, she has nothing to learn--what softness, tenderness, and strength...."

"Ah, how afraid I am for her, how afraid I am!" said the countess, not realizing to whom she was speaking. Her maternal instinct told her that Natasha had too much of something, and that because of this she would not be happy. Before Natasha had finished singing, fourteen-year-old Petya rushed in delightedly, to say that some mummers had arrived.

Natasha stopped abruptly.

"Idiot!" she screamed at her brother and, running to a chair, threw herself on it, sobbing so violently that she could not stop for a long time.

"It's nothing, Mamma, really it's nothing; only Petya startled me," she said, trying to smile, but her tears still flowed and sobs still choked her.

The mummers (some of the house serfs) dressed up as bears, Turks, innkeepers, and ladies--frightening and funny--bringing in with them the cold from outside and a feeling of gaiety, crowded, at first timidly, into the anteroom, then hiding behind one another they pushed into the ballroom where, shyly at first and then more and more merrily and heartily, they started singing, dancing, and playing Christmas games. The countess, when she had identified them and laughed at their costumes, went into the drawing room. The count sat in the ballroom, smiling radiantly and applauding the players. The young people had disappeared.

Half an hour later there appeared among the other mummers in the ballroom an old lady in a hooped skirt--this was Nicholas. A Turkish girl was Petya. A clown was Dimmler. An hussar was Natasha, and a Circassian was Sonya with burnt-cork mustache and eyebrows.

After the condescending surprise, nonrecognition, and praise, from those who were not themselves dressed up, the young people decided

that their costumes were so good that they ought to be shown elsewhere.

Nicholas, who, as the roads were in splendid condition, wanted to take them all for a drive in his troyka, proposed to take with them about a dozen of the serf mummers and drive to "Uncle's."

"No, why disturb the old fellow?" said the countess. "Besides, you wouldn't have room to turn round there. If you must go, go to the Melyukovs'."

Melyukova was a widow, who, with her family and their tutors and governesses, lived three miles from the Rostovs.

"That's right, my dear," chimed in the old count, thoroughly aroused. "I'll dress up at once and go with them. I'll make Pashette open her eyes."

But the countess would not agree to his going; he had had a bad leg all these last days. It was decided that the count must not go, but that if Louisa Ivanovna (Madame Schoss) would go with them, the young ladies might go to the Melyukovs', Sonya, generally so timid and shy, more urgently than anyone begging Louisa Ivanovna not to refuse.

Sonya's costume was the best of all. Her mustache and eyebrows were extraordinarily becoming. Everyone told her she looked very handsome, and she was in a spirited and energetic mood unusual with her. Some inner voice told her that now or never her fate would be decided, and in her male attire she seemed quite a different person. Louisa Ivanovna consented to go, and in half an hour four troyka sleighs with large and small bells, their runners squeaking and whistling over the frozen snow, drove up to the porch.

Natasha was foremost in setting a merry holiday tone, which, passing from one to another, grew stronger and reached its climax when they all came out into the frost and got into the sleighs, talking, calling to one another, laughing, and shouting.

Two of the troykas were the usual household sleighs, the third was the old count's with a trotter from the Orlov stud as shaft horse, the fourth was Nicholas' own with a short shaggy black shaft horse. Nicholas, in his old lady's dress over which he had belted his hussar overcoat, stood in the middle of the sleigh, reins in hand.

It was so light that he could see the moonlight reflected from the metal harness disks and from the eyes of the horses, who looked round in alarm at the noisy party under the shadow of the porch roof.

Natasha, Sonya, Madame Schoss, and two maids got into Nicholas' sleigh; Dimmler, his wife, and Petya, into the old count's, and the rest of the mummers seated themselves in the other two sleighs.

"You go ahead, Zakhar!" shouted Nicholas to his father's coachman, wishing for a chance to race past him.

The old count's troyka, with Dimmler and his party, started forward, squeaking on its runners as though freezing to the snow, its deep-toned bell clanging. The side horses, pressing against the shafts of the middle horse, sank in the snow, which was dry and glittered like sugar, and threw it up.

Nicholas set off, following the first sleigh; behind him the others moved noisily, their runners squeaking. At first they drove at a steady trot along the narrow road. While they drove past the garden the shadows of the bare trees often fell across the road and hid the brilliant moonlight, but as soon as they were past the fence, the snowy plain bathed in moonlight and motionless spread out before them glittering like diamonds and dappled with bluish shadows. Bang, bang! went the first sleigh over a cradle hole in the snow of the road, and each of the other sleighs jolted in the same way, and rudely breaking the frost-bound stillness, the troykas began to speed along the road, one after the other.

"A hare's track, a lot of tracks!" rang out Natasha's voice through the frost-bound air.

"How light it is, Nicholas!" came Sonya's voice.

Nicholas glanced round at Sonya, and bent down to see her face closer. Quite a new, sweet face with black eyebrows and mustaches peeped up at him from her sable furs--so close and yet so distant--in the moonlight.

"That used to be Sonya," thought he, and looked at her closer and smiled.

"What is it, Nicholas?"

"Nothing," said he and turned again to the horses.

When they came out onto the beaten highroad--polished by sleigh runners and cut up by rough-shod hoofs, the marks of which were visible in the moonlight--the horses began to tug at the reins of their own accord and increased their pace. The near side horse, arching his head and breaking into a short canter, tugged at his traces. The shaft horse swayed from side to side, moving his ears as

if asking: "Isn't it time to begin now?" In front, already far ahead the deep bell of the sleigh ringing farther and farther off, the black horses driven by Zakhar could be clearly seen against the white snow. From that sleigh one could hear the shouts, laughter, and voices of the mummers.

"Gee up, my darlings!" shouted Nicholas, pulling the reins to one side and flourishing the whip.

It was only by the keener wind that met them and the jerks given by the side horses who pulled harder--ever increasing their gallop--that one noticed how fast the troyka was flying. Nicholas looked back. With screams squeals, and waving of whips that caused even the shaft horses to gallop--the other sleighs followed. The shaft horse swung steadily beneath the bow over its head, with no thought of slackening pace and ready to put on speed when required.

Nicholas overtook the first sleigh. They were driving downhill and coming out upon a broad trodden track across a meadow, near a river.

"Where are we?" thought he. "It's the Kosoy meadow, I suppose. But no--this is something new I've never seen before. This isn't the Kosoy meadow nor the Demkin hill, and heaven only knows what it is! It is something new and enchanted. Well, whatever it may be..." And shouting to his horses, he began to pass the first sleigh.

Zakhar held back his horses and turned his face, which was already covered with hoarfrost to his eyebrows.

Nicholas gave the horses the rein, and Zakhar, stretching out his arms, clucked his tongue and let his horses go.

"Now, look out, master!" he cried.

Faster still the two troykas flew side by side, and faster moved the feet of the galloping side horses. Nicholas began to draw ahead. Zakhar, while still keeping his arms extended, raised one hand with the reins.

"No you won't, master!" he shouted.

Nicholas put all his horses to a gallop and passed Zakhar. The horses showered the fine dry snow on the faces of those in the sleigh--beside them sounded quick ringing bells and they caught confused glimpses of swiftly moving legs and the shadows of the troyka they were passing. The whistling sound of the runners on the snow and the voices of girls shrieking were heard from different sides.

Again checking his horses, Nicholas looked around him. They were still surrounded by the magic plain bathed in moonlight and spangled with stars.

"Zakhar is shouting that I should turn to the left, but why to the left?" thought Nicholas. "Are we getting to the Melyukovs"? Is this Melyukovka? Heaven only knows where we are going, and heaven knows what is happening to us--but it is very strange and pleasant whatever it is." And he looked round in the sleigh.

"Look, his mustache and eyelashes are all white!" said one of the strange, pretty, unfamiliar people--the one with fine eyebrows and mustache.

"I think this used to be Natasha," thought Nicholas, "and that was Madame Schoss, but perhaps it's not, and this Circassian with the mustache I don't know, but I love her."

"Aren't you cold?" he asked.

They did not answer but began to laugh. Dimmler from the sleigh behind shouted something--probably something funny--but they could not make out what he said.

"Yes, yes!" some voices answered, laughing.

"But here was a fairy forest with black moving shadows, and a glitter of diamonds and a flight of marble steps and the silver roofs of fairy buildings and the shrill yells of some animals. And if this is really Melyukovka, it is still stranger that we drove heaven knows where and have come to Melyukovka," thought Nicholas.

It really was Melyukovka, and maids and footmen with merry faces came running, out to the porch carrying candles.

"Who is it?" asked someone in the porch.

"The mummers from the count's. I know by the horses," replied some voices.

CHAPTER XI

Pelageya Danilovna Melyukova, a broadly built, energetic woman

wearing spectacles, sat in the drawing room in a loose dress, surrounded by her daughters whom she was trying to keep from feeling dull. They were quietly dropping melted wax into snow and looking at the shadows the wax figures would throw on the wall, when they heard the steps and voices of new arrivals in the vestibule.

Hussars, ladies, witches, clowns, and bears, after clearing their throats and wiping the hoarfrost from their faces in the vestibule, came into the ballroom where candles were hurriedly lighted. The clown--Dimmler--and the lady--Nicholas--started a dance. Surrounded by the screaming children the mummers, covering their faces and disguising their voices, bowed to their hostess and arranged themselves about the room.

"Dear me! there's no recognizing them! And Natasha! See whom she looks like! She really reminds me of somebody. But Herr Dimmler--isn't he good! I didn't know him! And how he dances. Dear me, there's a Circassian. Really, how becoming it is to dear Sonya. And who is that? Well, you have cheered us up! Nikita and Vanya--clear away the tables! And we were sitting so quietly. Ha, ha, ha!... The hussar, the hussar! Just like a boy! And the legs!... I can't look at him..." different voices were saying.

Natasha, the young Melyukovs' favorite, disappeared with them into the back rooms where a cork and various dressing gowns and male garments were called for and received from the footman by bare girlish arms from behind the door. Ten minutes later, all the young Melyukovs joined the mummers.

Pelageya Danilovna, having given orders to clear the rooms for the visitors and arranged about refreshments for the gentry and the serfs, went about among the mummers without removing her spectacles, peering into their faces with a suppressed smile and failing to recognize any of them. It was not merely Dimmler and the Rostovs she failed to recognize, she did not even recognize her own daughters, or her late husband's, dressing gowns and uniforms, which they had put on.

"And who is is this?" she asked her governess, peering into the face of her own daughter dressed up as a Kazan-Tartar. "I suppose it is one of the Rostovs! Well, Mr. Hussar, and what regiment do you serve in?" she asked Natasha. "Here, hand some fruit jelly to the Turk!" she ordered the butler who was handing things round. "That's not forbidden by his law."

Sometimes, as she looked at the strange but amusing capers cut by the dancers, who--having decided once for all that being disguised, no one would recognize them--were not at all shy, Pelageya Danilovna

hid her face in her handkerchief, and her whole stout body shook with irrepressible, kindly, elderly laughter.

"My little Sasha! Look at Sasha!" she said.

After Russian country dances and chorus dances, Pelageya Danilovna made the serfs and gentry join in one large circle: a ring, a string, and a silver ruble were fetched and they all played games together.

In an hour, all the costumes were crumpled and disordered. The corked eyebrows and mustaches were smeared over the perspiring, flushed, and merry faces. Pelageya Danilovna began to recognize the mummies, admired their cleverly contrived costumes, and particularly how they suited the young ladies, and she thanked them all for having entertained her so well. The visitors were invited to supper in the drawing room, and the serfs had something served to them in the ballroom.

"Now to tell one's fortune in the empty bathhouse is frightening!" said an old maid who lived with the Melyukovs, during supper.

"Why?" said the eldest Melyukov girl.

"You wouldn't go, it takes courage..."

"I'll go," said Sonya.

"Tell what happened to the young lady!" said the second Melyukov girl.

"Well," began the old maid, "a young lady once went out, took a cock, laid the table for two, all properly, and sat down. After sitting a while, she suddenly hears someone coming... a sleigh drives up with harness bells; she hears him coming! He comes in, just in the shape of a man, like an officer--comes in and sits down to table with her."

"Ah! ah!" screamed Natasha, rolling her eyes with horror.

"Yes? And how... did he speak?"

"Yes, like a man. Everything quite all right, and he began persuading her; and she should have kept him talking till cockcrow, but she got frightened, just got frightened and hid her face in her hands. Then he caught her up. It was lucky the maids ran in just then..."

"Now, why frighten them?" said Pelageya Danilovna.

"Mamma, you used to try your fate yourself..." said her daughter.

"And how does one do it in a barn?" inquired Sonya.

"Well, say you went to the barn now, and listened. It depends on what you hear; hammering and knocking--that's bad; but a sound of shifting grain is good and one sometimes hears that, too."

"Mamma, tell us what happened to you in the barn."

Pelageya Danilovna smiled.

"Oh, I've forgotten..." she replied. "But none of you would go?"

"Yes, I will; Pelageya Danilovna, let me! I'll go," said Sonya.

"Well, why not, if you're not afraid?"

"Louisa Ivanovna, may I?" asked Sonya.

Whether they were playing the ring and string game or the ruble game or talking as now, Nicholas did not leave Sonya's side, and gazed at her with quite new eyes. It seemed to him that it was only today, thanks to that burnt-cork mustache, that he had fully learned to know her. And really, that evening, Sonya was brighter, more animated, and prettier than Nicholas had ever seen her before.

"So that's what she is like; what a fool I have been!" he thought gazing at her sparkling eyes, and under the mustache a happy rapturous smile dimpled her cheeks, a smile he had never seen before.

"I'm not afraid of anything," said Sonya. "May I go at once?" She got up.

They told her where the barn was and how she should stand and listen, and they handed her a fur cloak. She threw this over her head and shoulders and glanced at Nicholas.

"What a darling that girl is!" thought he. "And what have I been thinking of till now?"

Sonya went out into the passage to go to the barn. Nicholas went hastily to the front porch, saying he felt too hot. The crowd of people really had made the house stuffy.

Outside, there was the same cold stillness and the same moon, but

even brighter than before. The light was so strong and the snow sparkled with so many stars that one did not wish to look up at the sky and the real stars were unnoticed. The sky was black and dreary, while the earth was gay.

"I am a fool, a fool! what have I been waiting for?" thought Nicholas, and running out from the porch he went round the corner of the house and along the path that led to the back porch. He knew Sonya would pass that way. Halfway lay some snow-covered piles of firewood and across and along them a network of shadows from the bare old lime trees fell on the snow and on the path. This path led to the barn. The log walls of the barn and its snow-covered roof, that looked as if hewn out of some precious stone, sparkled in the moonlight. A tree in the garden snapped with the frost, and then all was again perfectly silent. His bosom seemed to inhale not air but the strength of eternal youth and gladness.

From the back porch came the sound of feet descending the steps, the bottom step upon which snow had fallen gave a ringing creak and he heard the voice of an old maidservant saying, "Straight, straight, along the path, Miss. Only, don't look back."

"I am not afraid," answered Sonya's voice, and along the path toward Nicholas came the crunching, whistling sound of Sonya's feet in her thin shoes.

Sonya came along, wrapped in her cloak. She was only a couple of paces away when she saw him, and to her too he was not the Nicholas she had known and always slightly feared. He was in a woman's dress, with tousled hair and a happy smile new to Sonya. She ran rapidly toward him.

"Quite different and yet the same," thought Nicholas, looking at her face all lit up by the moonlight. He slipped his arms under the cloak that covered her head, embraced her, pressed her to him, and kissed her on the lips that wore a mustache and had a smell of burnt cork. Sonya kissed him full on the lips, and disengaging her little hands pressed them to his cheeks.

"Sonya!... Nicholas!"... was all they said. They ran to the barn and then back again, re-entering, he by the front and she by the back porch.

CHAPTER XII

When they all drove back from Pelageya Danilovna's, Natasha, who always saw and noticed everything, arranged that she and Madame Schoss should go back in the sleigh with Dimmler, and Sonya with Nicholas and the maids.

On the way back Nicholas drove at a steady pace instead of racing and kept peering by that fantastic all-transforming light into Sonya's face and searching beneath the eyebrows and mustache for his former and his present Sonya from whom he had resolved never to be parted again. He looked and recognizing in her both the old and the new Sonya, and being reminded by the smell of burnt cork of the sensation of her kiss, inhaled the frosty air with a full breast and, looking at the ground flying beneath him and at the sparkling sky, felt himself again in fairyland.

"Sonya, is it well with thee?" he asked from time to time.

"Yes!" she replied. "And with thee?"

When halfway home Nicholas handed the reins to the coachman and ran for a moment to Natasha's sleigh and stood on its wing.

"Natasha!" he whispered in French, "do you know I have made up my mind about Sonya?"

"Have you told her?" asked Natasha, suddenly beaming all over with joy.

"Oh, how strange you are with that mustache and those eyebrows!... Natasha--are you glad?"

"I am so glad, so glad! I was beginning to be vexed with you. I did not tell you, but you have been treating her badly. What a heart she has, Nicholas! I am horrid sometimes, but I was ashamed to be happy while Sonya was not," continued Natasha. "Now I am so glad! Well, run back to her."

"No, wait a bit.... Oh, how funny you look!" cried Nicholas, peering into her face and finding in his sister too something new, unusual, and bewitchingly tender that he had not seen in her before.

"Natasha, it's magical, isn't it?"

"Yes," she replied. "You have done splendidly."

"Had I seen her before as she is now," thought Nicholas, "I should long ago have asked her what to do and have done whatever she told me,

and all would have been well."

"So you are glad and I have done right?"

"Oh, quite right! I had a quarrel with Mamma some time ago about it. Mamma said she was angling for you. How could she say such a thing! I nearly stormed at Mamma. I will never let anyone say anything bad of Sonya, for there is nothing but good in her."

"Then it's all right?" said Nicholas, again scrutinizing the expression of his sister's face to see if she was in earnest. Then he jumped down and, his boots scrunching the snow, ran back to his sleigh. The same happy, smiling Circassian, with mustache and beaming eyes looking up from under a sable hood, was still sitting there, and that Circassian was Sonya, and that Sonya was certainly his future happy and loving wife.

When they reached home and had told their mother how they had spent the evening at the Melyukovs', the girls went to their bedroom. When they had undressed, but without washing off the cork mustaches, they sat a long time talking of their happiness. They talked of how they would live when they were married, how their husbands would be friends, and how happy they would be. On Natasha's table stood two looking glasses which Dunyasha had prepared beforehand.

"Only when will all that be? I am afraid never.... It would be too good!" said Natasha, rising and going to the looking glasses.

"Sit down, Natasha; perhaps you'll see him," said Sonya.

Natasha lit the candles, one on each side of one of the looking glasses, and sat down.

"I see someone with a mustache," said Natasha, seeing her own face.

"You mustn't laugh, Miss," said Dunyasha.

With Sonya's help and the maid's, Natasha got the glass she held into the right position opposite the other; her face assumed a serious expression and she sat silent. She sat a long time looking at the receding line of candles reflected in the glasses and expecting (from tales she had heard) to see a coffin, or him, Prince Andrew, in that last dim, indistinctly outlined square. But ready as she was to take the smallest speck for the image of a man or of a coffin, she saw nothing. She began blinking rapidly and moved away from the looking glasses.

"Why is it others see things and I don't?" she said. "You sit down now, Sonya. You absolutely must, tonight! Do it for me.... Today I feel so frightened!"

Sonya sat down before the glasses, got the right position, and began looking.

"Now, Miss Sonya is sure to see something," whispered Dunyasha; "while you do nothing but laugh."

Sonya heard this and Natasha's whisper:

"I know she will. She saw something last year."

For about three minutes all were silent.

"Of course she will!" whispered Natasha, but did not finish... suddenly Sonya pushed away the glass she was holding and covered her eyes with her hand.

"Oh, Natasha!" she cried.

"Did you see? Did you? What was it?" exclaimed Natasha, holding up the looking glass.

Sonya had not seen anything, she was just wanting to blink and to get up when she heard Natasha say, "Of course she will!" She did not wish to disappoint either Dunyasha or Natasha, but it was hard to sit still. She did not herself know how or why the exclamation escaped her when she covered her eyes.

"You saw him?" urged Natasha, seizing her hand.

"Yes. Wait a bit... I... saw him," Sonya could not help saying, not yet knowing whom Natasha meant by him, Nicholas or Prince Andrew.

"But why shouldn't I say I saw something? Others do see! Besides who can tell whether I saw anything or not?" flashed through Sonya's mind.

"Yes, I saw him," she said.

"How? Standing or lying?"

"No, I saw... At first there was nothing, then I saw him lying down."

"Andrew lying? Is he ill?" asked Natasha, her frightened eyes fixed on her friend.

"No, on the contrary, on the contrary! His face was cheerful, and he turned to me." And when saying this she herself fancied she had really seen what she described.

"Well, and then, Sonya?..."

"After that, I could not make out what there was; something blue and red..."

"Sonya! When will he come back? When shall I see him! O, God, how afraid I am for him and for myself and about everything!..." Natasha began, and without replying to Sonya's words of comfort she got into bed, and long after her candle was out lay open-eyed and motionless, gazing at the moonlight through the frosty windowpanes.

CHAPTER XIII

Soon after the Christmas holidays Nicholas told his mother of his love for Sonya and of his firm resolve to marry her. The countess, who had long noticed what was going on between them and was expecting this declaration, listened to him in silence and then told her son that he might marry whom he pleased, but that neither she nor his father would give their blessing to such a marriage. Nicholas, for the first time, felt that his mother was displeased with him and that, despite her love for him, she would not give way. Coldly, without looking at her son, she sent for her husband and, when he came, tried briefly and coldly to inform him of the facts, in her son's presence, but unable to restrain herself she burst into tears of vexation and left the room. The old count began irresolutely to admonish Nicholas and beg him to abandon his purpose. Nicholas replied that he could not go back on his word, and his father, sighing and evidently disconcerted, very soon became silent and went in to the countess. In all his encounters with his son, the count was always conscious of his own guilt toward him for having wasted the family fortune, and so he could not be angry with him for refusing to marry an heiress and choosing the dowerless Sonya. On this occasion, he was only more vividly conscious of the fact that if his affairs had not been in disorder, no better wife for Nicholas than Sonya could have been wished for, and that no one but himself with his Mitenka and his uncomfortable habits was to blame for the condition of the family finances.

The father and mother did not speak of the matter to their son again, but a few days later the countess sent for Sonya and, with a cruelty neither of them expected, reproached her niece for trying to catch Nicholas and for ingratitude. Sonya listened silently with downcast eyes to the countess' cruel words, without understanding what was required of her. She was ready to sacrifice everything for her benefactors. Self-sacrifice was her most cherished idea but in this case she could not see what she ought to sacrifice, or for whom. She could not help loving the countess and the whole Rostov family, but neither could she help loving Nicholas and knowing that his happiness depended on that love. She was silent and sad and did not reply. Nicholas felt the situation to be intolerable and went to have an explanation with his mother. He first implored her to forgive him and Sonya and consent to their marriage, then he threatened that if she molested Sonya he would at once marry her secretly.

The countess, with a coldness her son had never seen in her before, replied that he was of age, that Prince Andrew was marrying without his father's consent, and he could do the same, but that she would never receive that intriguer as her daughter.

Exploding at the word intriguer, Nicholas, raising his voice, told his mother he had never expected her to try to force him to sell his feelings, but if that were so, he would say for the last time.... But he had no time to utter the decisive word which the expression of his face caused his mother to await with terror, and which would perhaps have forever remained a cruel memory to them both. He had not time to say it, for Natasha, with a pale and set face, entered the room from the door at which she had been listening.

"Nicholas, you are talking nonsense! Be quiet, be quiet, be quiet, I tell you!..." she almost screamed, so as to drown his voice.

"Mamma darling, it's not at all so... my poor, sweet darling," she said to her mother, who conscious that they had been on the brink of a rupture gazed at her son with terror, but in the obstinacy and excitement of the conflict could not and would not give way.

"Nicholas, I'll explain to you. Go away! Listen, Mamma darling," said Natasha.

Her words were incoherent, but they attained the purpose at which she was aiming.

The countess, sobbing heavily, hid her face on her daughter's breast, while Nicholas rose, clutching his head, and left the room.

Natasha set to work to effect a reconciliation, and so far succeeded that Nicholas received a promise from his mother that Sonya should not be troubled, while he on his side promised not to undertake anything without his parents' knowledge.

Firmly resolved, after putting his affairs in order in the regiment, to retire from the army and return and marry Sonya, Nicholas, serious, sorrowful, and at variance with his parents, but, as it seemed to him, passionately in love, left at the beginning of January to rejoin his regiment.

After Nicholas had gone things in the Rostov household were more depressing than ever, and the countess fell ill from mental agitation.

Sonya was unhappy at the separation from Nicholas and still more so on account of the hostile tone the countess could not help adopting toward her. The count was more perturbed than ever by the condition of his affairs, which called for some decisive action. Their town house and estate near Moscow had inevitably to be sold, and for this they had to go to Moscow. But the countess' health obliged them to delay their departure from day to day.

Natasha, who had borne the first period of separation from her betrothed lightly and even cheerfully, now grew more agitated and impatient every day. The thought that her best days, which she would have employed in loving him, were being vainly wasted, with no advantage to anyone, tormented her incessantly. His letters for the most part irritated her. It hurt her to think that while she lived only in the thought of him, he was living a real life, seeing new places and new people that interested him. The more interesting his letters were the more vexed she felt. Her letters to him, far from giving her any comfort, seemed to her a wearisome and artificial obligation. She could not write, because she could not conceive the possibility of expressing sincerely in a letter even a thousandth part of what she expressed by voice, smile, and glance. She wrote to him formal, monotonous, and dry letters, to which she attached no importance herself, and in the rough copies of which the countess corrected her mistakes in spelling.

There was still no improvement in the countess' health, but it was impossible to defer the journey to Moscow any longer. Natasha's trousseau had to be ordered and the house sold. Moreover, Prince Andrew was expected in Moscow, where old Prince Bolkonski was spending the winter, and Natasha felt sure he had already arrived.

So the countess remained in the country, and the count, taking Sonya and Natasha with him, went to Moscow at the end of January.

CHAPTER I

After Prince Andrews engagement to Natasha, Pierre without any apparent cause suddenly felt it impossible to go on living as before. Firmly convinced as he was of the truths revealed to him by his benefactor, and happy as he had been in perfecting his inner man, to which he had devoted himself with such ardor--all the zest of such a life vanished after the engagement of Andrew and Natasha and the death of Joseph Alexeevich, the news of which reached him almost at the same time. Only the skeleton of life remained: his house, a brilliant wife who now enjoyed the favors of a very important personage, acquaintance with all Petersburg, and his court service with its dull formalities. And this life suddenly seemed to Pierre unexpectedly loathsome. He ceased keeping a diary, avoided the company of the Brothers, began going to the Club again, drank a great deal, and came once more in touch with the bachelor sets, leading such a life that the Countess Helene thought it necessary to speak severely to him about it. Pierre felt that she right, and to avoid compromising her went away to Moscow.

In Moscow as soon as he entered his huge house in which the faded and fading princesses still lived, with its enormous retinue; as soon as, driving through the town, he saw the Iberian shrine with innumerable tapers burning before the golden covers of the icons, the Kremlin Square with its snow undisturbed by vehicles, the sleigh drivers and hovels of the Sivtsev Vrazhok, those old Moscovites who desired nothing, hurried nowhere, and were ending their days leisurely; when he saw those old Moscow ladies, the Moscow balls, and the English Club, he felt himself at home in a quiet haven. In Moscow he felt at peace, at home, warm and dirty as in an old dressing gown.

Moscow society, from the old women down to the children, received Pierre like a long-expected guest whose place was always ready awaiting him. For Moscow society Pierre was the nicest, kindest, most intellectual, merriest, and most magnanimous of cranks, a heedless, genial nobleman of the old Russian type. His purse was always empty because it was open to everyone.

Benefit performances, poor pictures, statues, benevolent societies, gypsy choirs, schools, subscription dinners, sprees, Freemasons, churches, and books--no one and nothing met with a refusal from him, and had it not been for two friends who had borrowed large sums from him and taken him under their protection, he would have given everything away. There was never a dinner or soiree at the Club without him. As soon as he sank into his place on the sofa after two bottles of Margaux he was surrounded, and talking, disputing, and joking began. When there were quarrels, his kindly smile and well-timed jests reconciled the antagonists. The Masonic dinners were dull and dreary when he was not there.

When after a bachelor supper he rose with his amiable and kindly smile, yielding to the entreaties of the festive company to drive off somewhere with them, shouts of delight and triumph arose among the young men. At balls he danced if a partner was needed. Young ladies, married and unmarried, liked him because without making love to any of them, he was equally amiable to all, especially after supper. "Il est charmant; il n'a pas de sexe,"* they said of him.

*"He is charming; he has no sex."

Pierre was one of those retired gentlemen-in-waiting of whom there were hundreds good-humoredly ending their days in Moscow.

How horrified he would have been seven years before, when he first arrived from abroad, had he been told that there was no need for him to seek or plan anything, that his rut had long been shaped, eternally predetermined, and that wriggle as he might, he would be what all in his position were. He could not have believed it! Had he not at one time longed with all his heart to establish a republic in Russia; then himself to be a Napoleon; then to be a philosopher; and then a strategist and the conqueror of Napoleon? Had he not seen the possibility of, and passionately desired, the regeneration of the sinful human race, and his own progress to the highest degree of perfection? Had he not established schools and hospitals and liberated his serfs?

But instead of all that--here he was, the wealthy husband of an unfaithful wife, a retired gentleman-in-waiting, fond of eating and drinking and, as he unbuttoned his waistcoat, of abusing the government a bit, a member of the Moscow English Club, and a universal favorite in Moscow society. For a long time he could not reconcile himself to the idea that he was one of those same retired Moscow gentlemen-in-waiting he had so despised seven years before.

Sometimes he consoled himself with the thought that he was only living this life temporarily; but then he was shocked by the thought of how many, like himself, had entered that life and that Club temporarily, with all their teeth and hair, and had only left it when not a single tooth or hair remained.

In moments of pride, when he thought of his position it seemed to him that he was quite different and distinct from those other retired gentlemen-in-waiting he had formerly despised: they were empty, stupid, contented fellows, satisfied with their position, "while I am still discontented and want to do something for mankind. But perhaps all these comrades of mine struggled just like me and sought something new, a path in life of their own, and like me were brought by force of circumstances, society, and race--by that elemental force against which man is powerless--to the condition I am in," said he to himself in moments of humility; and after living some time in Moscow he no longer despised, but began to grow fond of, to respect, and to pity his comrades in destiny, as he pitied himself.

Pierre longer suffered moments of despair, hypochondria, and disgust with life, but the malady that had formerly found expression in such acute attacks was driven inwards and never left him for a moment. "What for? Why? What is going on in the world?" he would ask himself in perplexity several times a day, involuntarily beginning to reflect anew on the meaning of the phenomena of life; but knowing by experience that there were no answers to these questions he made haste to turn away from them, and took up a book, or hurried of to the Club or to Apollon Nikolaevich's, to exchange the gossip of the town.

"Helene, who has never cared for anything but her own body and is one of the stupidest women in the world," thought Pierre, "is regarded by people as the acme of intelligence and refinement, and they pay homage to her. Napoleon Bonaparte was despised by all as long as he was great, but now that he has become a wretched comedian the Emperor Francis wants to offer him his daughter in an illegal marriage. The Spaniards, through the Catholic clergy, offer praise to God for their victory over the French on the fourteenth of June, and the French, also through the Catholic clergy, offer praise because on that same fourteenth of June they defeated the Spaniards. My brother Masons swear by the blood that they are ready to sacrifice everything for their neighbor, but they do not give a ruble each to the collections for the poor, and they intrigue, the Astraea Lodge against the Manna Seekers, and fuss about an authentic Scotch carpet and a charter that nobody needs, and the meaning of which the very man who wrote it does not understand. We all profess the Christian law of forgiveness of injuries and love of our neighbors, the law in honor

of which we have built in Moscow forty times forty churches--but yesterday a deserter was knouted to death and a minister of that same law of love and forgiveness, a priest, gave the soldier a cross to kiss before his execution." So thought Pierre, and the whole of this general deception which everyone accepts, accustomed as he was to it, astonished him each time as if it were something new. "I understand the deception and confusion," he thought, "but how am I to tell them all that I see? I have tried, and have always found that they too in the depths of their souls understand it as I do, and only try not to see it. So it appears that it must be so! But I--what is to become of me?" thought he. He had the unfortunate capacity many men, especially Russians, have of seeing and believing in the possibility of goodness and truth, but of seeing the evil and falsehood of life too clearly to be able to take a serious part in it. Every sphere of work was connected, in his eyes, with evil and deception. Whatever he tried to be, whatever he engaged in, the evil and falsehood of it repulsed him and blocked every path of activity. Yet he had to live and to find occupation. It was too dreadful to be under the burden of these insoluble problems, so he abandoned himself to any distraction in order to forget them. He frequented every kind of society, drank much, bought pictures, engaged in building, and above all--read.

He read, and read everything that came to hand. On coming home, while his valets were still taking off his things, he picked up a book and began to read. From reading he passed to sleeping, from sleeping to gossip in drawing rooms of the Club, from gossip to carousals and women; from carousals back to gossip, reading, and wine. Drinking became more and more a physical and also a moral necessity. Though the doctors warned him that with his corpulence wine was dangerous for him, he drank a great deal. He was only quite at ease when having poured several glasses of wine mechanically into his large mouth he felt a pleasant warmth in his body, an amiability toward all his fellows, and a readiness to respond superficially to every idea without probing it deeply. Only after emptying a bottle or two did he feel dimly that the terribly tangled skein of life which previously had terrified him was not as dreadful as he had thought. He was always conscious of some aspect of that skein, as with a buzzing in his head after dinner or supper he chatted or listened to conversation or read. But under the influence of wine he said to himself: "It doesn't matter. I'll get it unraveled. I have a solution ready, but have no time now--I'll think it all out later on!" But the later on never came.

In the morning, on an empty stomach, all the old questions appeared as insoluble and terrible as ever, and Pierre hastily picked up a book, and if anyone came to see him he was glad.

Sometimes he remembered how he had heard that soldiers in war when entrenched under the enemy's fire, if they have nothing to do, try hard to find some occupation the more easily to bear the danger. To Pierre all men seemed like those soldiers, seeking refuge from life: some in ambition, some in cards, some in framing laws, some in women, some in toys, some in horses, some in politics, some in sport, some in wine, and some in governmental affairs. "Nothing is trivial, and nothing is important, it's all the same--only to save oneself from it as best one can," thought Pierre. "Only not to see it, that dreadful it!"

CHAPTER II

At the beginning of winter Prince Nicholas Bolkonski and his daughter moved to Moscow. At that time enthusiasm for the Emperor Alexander's regime had weakened and a patriotic and anti-French tendency prevailed there, and this, together with his past and his intellect and his originality, at once made Prince Nicholas Bolkonski an object of particular respect to the Moscovites and the center of the Moscow opposition to the government.

The prince had aged very much that year. He showed marked signs of senility by a tendency to fall asleep, forgetfulness of quite recent events, remembrance of remote ones, and the childish vanity with which he accepted the role of head of the Moscow opposition. In spite of this the old man inspired in all his visitors alike a feeling of respectful veneration--especially of an evening when he came in to tea in his old-fashioned coat and powdered wig and, aroused by anyone, told his abrupt stories of the past, or uttered yet more abrupt and scathing criticisms of the present. For them all, that old-fashioned house with its gigantic mirrors, pre-Revolution furniture, powdered footmen, and the stern shrewd old man (himself a relic of the past century) with his gentle daughter and the pretty Frenchwoman who were reverently devoted to him presented a majestic and agreeable spectacle. But the visitors did not reflect that besides the couple of hours during which they saw their host, there were also twenty-two hours in the day during which the private and intimate life of the house continued.

Latterly that private life had become very trying for Princess Mary. There in Moscow she was deprived of her greatest pleasures--talks with the pilgrims and the solitude which refreshed her at Bald Hills--and she had none of the advantages and pleasures of city life. She did not

go out into society; everyone knew that her father would not let her go anywhere without him, and his failing health prevented his going out himself, so that she was not invited to dinners and evening parties. She had quite abandoned the hope of getting married. She saw the coldness and malevolence with which the old prince received and dismissed the young men, possible suitors, who sometimes appeared at their house. She had no friends: during this visit to Moscow she had been disappointed in the two who had been nearest to her. Mademoiselle Bourienne, with whom she had never been able to be quite frank, had now become unpleasant to her, and for various reasons Princess Mary avoided her. Julie, with whom she had corresponded for the last five years, was in Moscow, but proved to be quite alien to her when they met. Just then Julie, who by the death of her brothers had become one of the richest heiresses in Moscow, was in the full whirl of society pleasures. She was surrounded by young men who, she fancied, had suddenly learned to appreciate her worth. Julie was at that stage in the life of a society woman when she feels that her last chance of marrying has come and that her fate must be decided now or never. On Thursdays Princess Mary remembered with a mournful smile that she now had no one to write to, since Julie--whose presence gave her no pleasure was here and they met every week. Like the old emigre who declined to marry the lady with whom he had spent his evenings for years, she regretted Julie's presence and having no one to write to. In Moscow Princess Mary had no one to talk to, no one to whom to confide her sorrow, and much sorrow fell to her lot just then. The time for Prince Andrew's return and marriage was approaching, but his request to her to prepare his father for it had not been carried out; in fact, it seemed as if matters were quite hopeless, for at every mention of the young Countess Rostova the old prince (who apart from that was usually in a bad temper) lost control of himself. Another lately added sorrow arose from the lessons she gave her six year-old nephew. To her consternation she detected in herself in relation to little Nicholas some symptoms of her father's irritability. However often she told herself that she must not get irritable when teaching her nephew, almost every time that, pointer in hand, she sat down to show him the French alphabet, she so longed to pour her own knowledge quickly and easily into the child--who was already afraid that Auntie might at any moment get angry--that at his slightest inattention she trembled, became flustered and heated, raised her voice, and sometimes pulled him by the arm and put him in the corner. Having put him in the corner she would herself begin to cry over her cruel, evil nature, and little Nicholas, following her example, would sob, and without permission would leave his corner, come to her, pull her wet hands from her face, and comfort her. But what distressed the princess most of all was her father's irritability, which was always directed against her and had of late amounted to cruelty. Had he forced her to prostrate herself to the ground all night, had he beaten her or made her fetch wood or water,

it would never have entered her mind to think her position hard; but this loving despot--the more cruel because he loved her and for that reason tormented himself and her--knew how not merely to hurt and humiliate her deliberately, but to show her that she was always to blame for everything. Of late he had exhibited a new trait that tormented Princess Mary more than anything else; this was his ever-increasing intimacy with Mademoiselle Bourienne. The idea that at the first moment of receiving the news of his son's intentions had occurred to him in jest--that if Andrew got married he himself would marry Bourienne--had evidently pleased him, and latterly he had persistently, and as it seemed to Princess Mary merely to offend her, shown special endearments to the companion and expressed his dissatisfaction with his daughter by demonstrations of love of Bourienne.

One day in Moscow in Princess Mary's presence (she thought her father did it purposely when she was there) the old prince kissed Mademoiselle Bourienne's hand and, drawing her to him, embraced her affectionately. Princess Mary flushed and ran out of the room. A few minutes later Mademoiselle Bourienne came into Princess Mary's room smiling and making cheerful remarks in her agreeable voice. Princess Mary hastily wiped away her tears, went resolutely up to Mademoiselle Bourienne, and evidently unconscious of what she was doing began shouting in angry haste at the Frenchwoman, her voice breaking: "It's horrible, vile, inhuman, to take advantage of the weakness..." She did not finish. "Leave my room," she exclaimed, and burst into sobs.

Next day the prince did not say a word to his daughter, but she noticed that at dinner he gave orders that Mademoiselle Bourienne should be served first. After dinner, when the footman handed coffee and from habit began with the princess, the prince suddenly grew furious, threw his stick at Philip, and instantly gave instructions to have him conscripted for the army.

"He doesn't obey... I said it twice... and he doesn't obey! She is the first person in this house; she's my best friend," cried the prince. "And if you allow yourself," he screamed in a fury, addressing Princess Mary for the first time, "to forget yourself again before her as you dared to do yesterday, I will show you who is master in this house. Go! Don't let me set eyes on you; beg her pardon!"

Princess Mary asked Mademoiselle Bourienne's pardon, and also her father's pardon for herself and for Philip the footman, who had begged for her intervention.

At such moments something like a pride of sacrifice gathered in her soul. And suddenly that father whom she had judged would look

for his spectacles in her presence, fumbling near them and not seeing them, or would forget something that had just occurred, or take a false step with his failing legs and turn to see if anyone had noticed his feebleness, or, worst of all, at dinner when there were no visitors to excite him would suddenly fall asleep, letting his napkin drop and his shaking head sink over his plate. "He is old and feeble, and I dare to condemn him!" she thought at such moments, with a feeling of revulsion against herself.

CHAPTER III

In 1811 there was living in Moscow a French doctor--Metivier--who had rapidly become the fashion. He was enormously tall, handsome, amiable as Frenchmen are, and was, as all Moscow said, an extraordinarily clever doctor. He was received in the best houses not merely as a doctor, but as an equal.

Prince Nicholas had always ridiculed medicine, but latterly on Mademoiselle Bourienne's advice had allowed this doctor to visit him and had grown accustomed to him. Metivier came to see the prince about twice a week.

On December 6--St. Nicholas' Day and the prince's name day--all Moscow came to the prince's front door but he gave orders to admit no one and to invite to dinner only a small number, a list of whom he gave to Princess Mary.

Metivier, who came in the morning with his felicitations, considered it proper in his quality of doctor de forcer la consigne,* as he told Princess Mary, and went in to see the prince. It happened that on that morning of his name day the prince was in one of his worst moods. He had been going about the house all the morning finding fault with everyone and pretending not to understand what was said to him and not to be understood himself. Princess Mary well knew this mood of quiet absorbed querulousness, which generally culminated in a burst of rage, and she went about all that morning as though facing a cocked and loaded gun and awaited the inevitable explosion. Until the doctor's arrival the morning had passed off safely. After admitting the doctor, Princess Mary sat down with a book in the drawing room near the door through which she could hear all that passed in the study.

*To force the guard.

At first she heard only Metivier's voice, then her father's, then both voices began speaking at the same time, the door was flung open, and on the threshold appeared the handsome figure of the terrified Metivier with his shock of black hair, and the prince in his dressing gown and fez, his face distorted with fury and the pupils of his eyes rolled downwards.

"You don't understand?" shouted the prince, "but I do! French spy, slave of Buonaparte, spy, get out of my house! Be off, I tell you..."

Metivier, shrugging his shoulders, went up to Mademoiselle Bourienne who at the sound of shouting had run in from an adjoining room.

"The prince is not very well: bile and rush of blood to the head. Keep calm, I will call again tomorrow," said Metivier; and putting his fingers to his lips he hastened away.

Through the study door came the sound of slippers and the cry: "Spies, traitors, traitors everywhere! Not a moment's peace in my own house!"

After Metivier's departure the old prince called his daughter in, and the whole weight of his wrath fell on her. She was to blame that a spy had been admitted. Had he not told her, yes, told her to make a list, and not to admit anyone who was not on that list? Then why was that scoundrel admitted? She was the cause of it all. With her, he said, he could not have a moment's peace and could not die quietly.

"No, ma'am! We must part, we must part! Understand that, understand it! I cannot endure any more," he said, and left the room. Then, as if afraid she might find some means of consolation, he returned and trying to appear calm added: "And don't imagine I have said this in a moment of anger. I am calm. I have thought it over, and it will be carried out--we must part; so find some place for yourself..." But he could not restrain himself and with the virulence of which only one who loves is capable, evidently suffering himself, he shook his fists at her and screamed:

"If only some fool would marry her!" Then he slammed the door, sent for Mademoiselle Bourienne, and subsided into his study.

At two o'clock the six chosen guests assembled for dinner.

These guests--the famous Count Rostopchin, Prince Lopukhin with his nephew, General Chatrov an old war comrade of the prince's, and of the younger generation Pierre and Boris Drubetskoy--awaited the prince

in the drawing room.

Boris, who had come to Moscow on leave a few days before, had been anxious to be presented to Prince Nicholas Bolkonski, and had contrived to ingratiate himself so well that the old prince in his case made an exception to the rule of not receiving bachelors in his house.

The prince's house did not belong to what is known as fashionable society, but his little circle--though not much talked about in town--was one it was more flattering to be received in than any other. Boris had realized this the week before when the commander in chief in his presence invited Rostopchin to dinner on St. Nicholas' Day, and Rostopchin had replied that he could not come:

"On that day I always go to pay my devotions to the relics of Prince Nicholas Bolkonski."

"Oh, yes, yes!" replied the commander in chief. "How is he?..."

The small group that assembled before dinner in the lofty old-fashioned drawing room with its old furniture resembled the solemn gathering of a court of justice. All were silent or talked in low tones. Prince Nicholas came in serious and taciturn. Princess Mary seemed even quieter and more diffident than usual. The guests were reluctant to address her, feeling that she was in no mood for their conversation. Count Rostopchin alone kept the conversation going, now relating the latest town news, and now the latest political gossip.

Lopukhin and the old general occasionally took part in the conversation. Prince Bolkonski listened as a presiding judge receives a report, only now and then, silently or by a brief word, showing that he took heed of what was being reported to him. The tone of the conversation was such as indicated that no one approved of what was being done in the political world. Incidents were related evidently confirming the opinion that everything was going from bad to worse, but whether telling a story or giving an opinion the speaker always stopped, or was stopped, at the point beyond which his criticism might touch the sovereign himself.

At dinner the talk turned on the latest political news: Napoleon's seizure of the Duke of Oldenburg's territory, and the Russian Note, hostile to Napoleon, which had been sent to all the European courts.

"Bonaparte treats Europe as a pirate does a captured vessel," said Count Rostopchin, repeating a phrase he had uttered several times before. "One only wonders at the long-suffering or blindness of the

crowned heads. Now the Pope's turn has come and Bonaparte doesn't scruple to depose the head of the Catholic Church--yet all keep silent! Our sovereign alone has protested against the seizure of the Duke of Oldenburg's territory, and even..." Count Rostopchin paused, feeling that he had reached the limit beyond which censure was impossible.

"Other territories have been offered in exchange for the Duchy of Oldenburg," said Prince Bolkonski. "He shifts the Dukes about as I might move my serfs from Bald Hills to Bogucharovo or my Ryazan estates."

"The Duke of Oldenburg bears his misfortunes with admirable strength of character and resignation," remarked Boris, joining in respectfully.

He said this because on his journey from Petersburg he had had the honor of being presented to the Duke. Prince Bolkonski glanced at the young man as if about to say something in reply, but changed his mind, evidently considering him too young.

"I have read our protests about the Oldenburg affair and was surprised how badly the Note was worded," remarked Count Rostopchin in the casual tone of a man dealing with a subject quite familiar to him.

Pierre looked at Rostopchin with naive astonishment, not understanding why he should be disturbed by the bad composition of the Note.

"Does it matter, Count, how the Note is worded," he asked, "so long as its substance is forcible?"

"My dear fellow, with our five hundred thousand troops it should be easy to have a good style," returned Count Rostopchin.

Pierre now understood the count's dissatisfaction with the wording of the Note.

"One would have thought quill drivers enough had sprung up," remarked the old prince. "There in Petersburg they are always writing--not notes only but even new laws. My Andrew there has written a whole volume of laws for Russia. Nowadays they are always writing!" and he laughed unnaturally.

There was a momentary pause in the conversation; the old general cleared his throat to draw attention.

"Did you hear of the last event at the review in Petersburg? The

figure cut by the new French ambassador."

"Eh? Yes, I heard something: he said something awkward in His Majesty's presence."

"His Majesty drew attention to the Grenadier division and to the march past," continued the general, "and it seems the ambassador took no notice and allowed himself to reply that: 'We in France pay no attention to such trifles!' The Emperor did not condescend to reply. At the next review, they say, the Emperor did not once deign to address him."

All were silent. On this fact relating to the Emperor personally, it was impossible to pass any judgment.

"Impudent fellows!" said the prince. "You know Metivier? I turned him out of my house this morning. He was here; they admitted him spite of my request that they should let no one in," he went on, glancing angrily at his daughter.

And he narrated his whole conversation with the French doctor and the reasons that convinced him that Metivier was a spy. Though these reasons were very insufficient and obscure, no one made any rejoinder.

After the roast, champagne was served. The guests rose to congratulate the old prince. Princess Mary, too, went round to him.

He gave her a cold, angry look and offered her his wrinkled, clean-shaven cheek to kiss. The whole expression of his face told her that he had not forgotten the morning's talk, that his decision remained in force, and only the presence of visitors hindered his speaking of it to her now.

When they went into the drawing room where coffee was served, the old men sat together.

Prince Nicholas grew more animated and expressed his views on the impending war.

He said that our wars with Bonaparte would be disastrous so long as we sought alliances with the Germans and thrust ourselves into European affairs, into which we had been drawn by the Peace of Tilsit. "We ought not to fight either for or against Austria. Our political interests are all in the East, and in regard to Bonaparte the only thing is to have an armed frontier and a firm policy, and he will never dare to cross the Russian frontier, as was the case in 1807!"

"How can we fight the French, Prince?" said Count Rostopchin. "Can

we arm ourselves against our teachers and divinities? Look at our youths, look at our ladies! The French are our Gods: Paris is our Kingdom of Heaven."

He began speaking louder, evidently to be heard by everyone.

"French dresses, French ideas, French feelings! There now, you turned Metivier out by the scruff of his neck because he is a Frenchman and a scoundrel, but our ladies crawl after him on their knees. I went to a party last night, and there out of five ladies three were Roman Catholics and had the Pope's indulgence for doing woolwork on Sundays. And they themselves sit there nearly naked, like the signboards at our Public Baths if I may say so. Ah, when one looks at our young people, Prince, one would like to take Peter the Great's old cudgel out of the museum and belabor them in the Russian way till all the nonsense jumps out of them."

All were silent. The old prince looked at Rostopchin with a smile and wagged his head approvingly.

"Well, good-by, your excellency, keep well!" said Rostopchin, getting up with characteristic briskness and holding out his hand to the prince.

"Good-by, my dear fellow.... His words are music, I never tire of hearing him!" said the old prince, keeping hold of the hand and offering his cheek to be kissed.

Following Rostopchin's example the others also rose.

CHAPTER IV

Princess Mary as she sat listening to the old men's talk and faultfinding, understood nothing of what she heard; she only wondered whether the guests had all observed her father's hostile attitude toward her. She did not even notice the special attentions and amiabilities shown her during dinner by Boris Drubetskoy, who was visiting them for the third time already.

Princess Mary turned with absent-minded questioning look to Pierre, who hat in hand and with a smile on his face was the last of the guests to approach her after the old prince had gone out and they were left alone in the drawing room.

"May I stay a little longer?" he said, letting his stout body sink into an armchair beside her.

"Oh yes," she answered. "You noticed nothing?" her look asked.

Pierre was in an agreeable after-dinner mood. He looked straight before him and smiled quietly.

"Have you known that young man long, Princess?" he asked.

"Who?"

"Drubetskoy."

"No, not long..."

"Do you like him?"

"Yes, he is an agreeable young man.... Why do you ask me that?" said Princess Mary, still thinking of that morning's conversation with her father.

"Because I have noticed that when a young man comes on leave from Petersburg to Moscow it is usually with the object of marrying an heiress."

"You have observed that?" said Princess Mary.

"Yes," returned Pierre with a smile, "and this young man now manages matters so that where there is a wealthy heiress there he is too. I can read him like a book. At present he is hesitating whom to lay siege to--you or Mademoiselle Julie Karagina. He is very attentive to her."

"He visits them?"

"Yes, very often. And do you know the new way of courting?" said Pierre with an amused smile, evidently in that cheerful mood of good humored raillery for which he so often reproached himself in his diary.

"No," replied Princess Mary.

"To please Moscow girls nowadays one has to be melancholy. He is very melancholy with Mademoiselle Karagina," said Pierre.

"Really?" asked Princess Mary, looking into Pierre's kindly face and

still thinking of her own sorrow. "It would be a relief," thought she, "if I ventured to confide what I am feeling to someone. I should like to tell everything to Pierre. He is kind and generous. It would be a relief. He would give me advice."

"Would you marry him?"

"Oh, my God, Count, there are moments when I would marry anybody!" she cried suddenly to her own surprise and with tears in her voice. "Ah, how bitter it is to love someone near to you and to feel that..." she went on in a trembling voice, "that you can do nothing for him but grieve him, and to know that you cannot alter this. Then there is only one thing left--to go away, but where could I go?"

"What is wrong? What is it, Princess?"

But without finishing what she was saying, Princess Mary burst into tears.

"I don't know what is the matter with me today. Don't take any notice--forget what I have said!"

Pierre's gaiety vanished completely. He anxiously questioned the princess, asked her to speak out fully and confide her grief to him; but she only repeated that she begged him to forget what she had said, that she did not remember what she had said, and that she had no trouble except the one he knew of--that Prince Andrew's marriage threatened to cause a rupture between father and son.

"Have you any news of the Rostovs?" she asked, to change the subject. "I was told they are coming soon. I am also expecting Andrew any day. I should like them to meet here."

"And how does he now regard the matter?" asked Pierre, referring to the old prince.

Princess Mary shook her head.

"What is to be done? In a few months the year will be up. The thing is impossible. I only wish I could spare my brother the first moments. I wish they would come sooner. I hope to be friends with her. You have known them a long time," said Princess Mary. "Tell me honestly the whole truth: what sort of girl is she, and what do you think of her?--The real truth, because you know Andrew is risking so much doing this against his father's will that I should like to know..."

An undefined instinct told Pierre that these explanations, and

repeated requests to be told the whole truth, expressed ill-will on the princess' part toward her future sister-in-law and a wish that he should disapprove of Andrew's choice; but in reply he said what he felt rather than what he thought.

"I don't know how to answer your question," he said, blushing without knowing why. "I really don't know what sort of girl she is; I can't analyze her at all. She is enchanting, but what makes her so I don't know. That is all one can say about her."

Princess Mary sighed, and the expression on her face said: "Yes, that's what I expected and feared."

"Is she clever?" she asked.

Pierre considered.

"I think not," he said, "and yet--yes. She does not deign to be clever.... Oh no, she is simply enchanting, and that is all."

Princess Mary again shook her head disapprovingly.

"Ah, I so long to like her! Tell her so if you see her before I do."

"I hear they are expected very soon," said Pierre.

Princess Mary told Pierre of her plan to become intimate with her future sister-in-law as soon as the Rostovs arrived and to try to accustom the old prince to her.

CHAPTER V

Boris had not succeeded in making a wealthy match in Petersburg, so with the same object in view he came to Moscow. There he wavered between the two richest heiresses, Julie and Princess Mary. Though Princess Mary despite her plainness seemed to him more attractive than Julie, he, without knowing why, felt awkward about paying court to her. When they had last met on the old prince's name day, she had answered at random all his attempts to talk sentimentally, evidently not listening to what he was saying.

Julie on the contrary accepted his attentions readily, though in a manner peculiar to herself.

She was twenty-seven. After the death of her brothers she had become very wealthy. She was by now decidedly plain, but thought herself not merely as good-looking as before but even far more attractive. She was confirmed in this delusion by the fact that she had become a very wealthy heiress and also by the fact that the older she grew the less dangerous she became to men, and the more freely they could associate with her and avail themselves of her suppers, soirees, and the animated company that assembled at her house, without incurring any obligation. A man who would have been afraid ten years before of going every day to the house when there was a girl of seventeen there, for fear of compromising her and committing himself, would now go boldly every day and treat her not as a marriageable girl but as a sexless acquaintance.

That winter the Karagins' house was the most agreeable and hospitable in Moscow. In addition to the formal evening and dinner parties, a large company, chiefly of men, gathered there every day, supping at midnight and staying till three in the morning. Julie never missed a ball, a promenade, or a play. Her dresses were always of the latest fashion. But in spite of that she seemed to be disillusioned about everything and told everyone that she did not believe either in friendship or in love, or any of the joys of life, and expected peace only "yonder." She adopted the tone of one who has suffered a great disappointment, like a girl who has either lost the man she loved or been cruelly deceived by him. Though nothing of the kind had happened to her she was regarded in that light, and had even herself come to believe that she had suffered much in life. This melancholy, which did not prevent her amusing herself, did not hinder the young people who came to her house from passing the time pleasantly. Every visitor who came to the house paid his tribute to the melancholy mood of the hostess, and then amused himself with society gossip, dancing, intellectual games, and bouts rimes, which were in vogue at the Karagins'. Only a few of these young men, among them Boris, entered more deeply into Julie's melancholy, and with these she had prolonged conversations in private on the vanity of all worldly things, and to them she showed her albums filled with mournful sketches, maxims, and verses.

To Boris, Julie was particularly gracious: she regretted his early disillusionment with life, offered him such consolation of friendship as she who had herself suffered so much could render, and showed him her album. Boris sketched two trees in the album and wrote: "Rustic trees, your dark branches shed gloom and melancholy upon me."

On another page he drew a tomb, and wrote:

La mort est secourable et la mort est tranquille.

Ah! contre les douleurs il n'y a pas d'autre asile.*

*Death gives relief and death is peaceful.

Ah! from suffering there is no other refuge.

Julia said this was charming

"There is something so enchanting in the smile of melancholy," she said to Boris, repeating word for word a passage she had copied from a book. "It is a ray of light in the darkness, a shade between sadness and despair, showing the possibility of consolation."

In reply Boris wrote these lines:

Aliment de poison d'une ame trop sensible,
Toi, sans qui le bonheur me serait impossible,
Tendre melancholie, ah, viens me consoler,
Viens calmer les tourments de ma sombre retraite,
Et mele une douceur secrete
A ces pleurs que je sens couler.*

*Poisonous nourishment of a too sensitive soul,

Thou, without whom happiness would for me be impossible,

Tender melancholy, ah, come to console me,

Come to calm the torments of my gloomy retreat,

And mingle a secret sweetness

With these tears that I feel to be flowing.

For Boris, Julie played most doleful nocturnes on her harp. Boris read Poor Liza aloud to her, and more than once interrupted the reading because of the emotions that choked him. Meeting at large gatherings Julie and Boris looked on one another as the only souls who understood one another in a world of indifferent people.

Anna Mikhaylovna, who often visited the Karagins, while playing cards with the mother made careful inquiries as to Julie's dowry (she was to have two estates in Penza and the Nizhegorod forests). Anna Mikhaylovna regarded the refined sadness that united her son to the wealthy Julie with emotion, and resignation to the Divine will.

"You are always charming and melancholy, my dear Julie," she said to the daughter. "Boris says his soul finds repose at your house. He has suffered so many disappointments and is so sensitive," said she to the mother. "Ah, my dear, I can't tell you how fond I have grown of Julie latterly," she said to her son. "But who could help loving her? She is an angelic being! Ah, Boris, Boris!"--she paused. "And how I pity her mother," she went on; "today she showed me her accounts and letters from Penza (they have enormous estates there), and she, poor thing, has no one to help her, and they do cheat her so!"

Boris smiled almost imperceptibly while listening to his mother. He laughed blandly at her naive diplomacy but listened to what she had to say, and sometimes questioned her carefully about the Penza and Nizhegorod estates.

Julie had long been expecting a proposal from her melancholy adorer and was ready to accept it; but some secret feeling of repulsion for her, for her passionate desire to get married, for her artificiality, and a feeling of horror at renouncing the possibility of real love still restrained Boris. His leave was expiring. He spent every day and whole days at the Karagins', and every day on thinking the matter over told himself that he would propose tomorrow. But in Julie's presence, looking at her red face and chin (nearly always powdered), her moist eyes, and her expression of continual readiness to pass at once from melancholy to an unnatural rapture of married bliss, Boris could not utter the decisive words, though in imagination he had long regarded himself as the possessor of those Penza and Nizhegorod estates and had apportioned the use of the income from them. Julie saw Boris' indecision, and sometimes the thought occurred to her that she was repulsive to him, but her feminine self-deception immediately supplied her with consolation, and she told herself that he was only shy from love. Her melancholy, however, began to turn to irritability, and not long before Boris' departure she formed a definite plan of action. Just as Boris' leave of absence was expiring, Anatole Kuragin made his appearance in Moscow, and of course in the Karagins' drawing room, and Julie, suddenly abandoning her melancholy, became cheerful and very attentive to Kuragin.

"My dear," said Anna Mikhaylovna to her son, "I know from a reliable source that Prince Vasili has sent his son to Moscow to get him married to Julie. I am so fond of Julie that I should be sorry for her. What do you think of it, my dear?"

The idea of being made a fool of and of having thrown away that whole month of arduous melancholy service to Julie, and of seeing all the revenue from the Penza estates which he had already mentally

apportioned and put to proper use fall into the hands of another, and especially into the hands of that idiot Anatole, pained Boris. He drove to the Karagins' with the firm intention of proposing. Julie met him in a gay, careless manner, spoke casually of how she had enjoyed yesterday's ball, and asked when he was leaving. Though Boris had come intentionally to speak of his love and therefore meant to be tender, he began speaking irritably of feminine inconstancy, of how easily women can turn from sadness to joy, and how their moods depend solely on who happens to be paying court to them. Julie was offended and replied that it was true that a woman needs variety, and the same thing over and over again would weary anyone.

"Then I should advise you..." Boris began, wishing to sting her; but at that instant the galling thought occurred to him that he might have to leave Moscow without having accomplished his aim, and have vainly wasted his efforts--which was a thing he never allowed to happen.

He checked himself in the middle of the sentence, lowered his eyes to avoid seeing her unpleasantly irritated and irresolute face, and said:

"I did not come here at all to quarrel with you. On the contrary..."

He glanced at her to make sure that he might go on. Her irritability had suddenly quite vanished, and her anxious, imploring eyes were fixed on him with greedy expectation. "I can always arrange so as not to see her often," thought Boris. "The affair has been begun and must be finished!" He blushed hotly, raised his eyes to hers, and said:

"You know my feelings for you!"

There was no need to say more: Julie's face shone with triumph and self-satisfaction; but she forced Boris to say all that is said on such occasions--that he loved her and had never loved any other woman more than her. She knew that for the Penza estates and Nizhegorod forests she could demand this, and she received what she demanded.

The affianced couple, no longer alluding to trees that shed gloom and melancholy upon them, planned the arrangements of a splendid house in Petersburg, paid calls, and prepared everything for a brilliant wedding.

CHAPTER VI

At the end of January old Count Rostov went to Moscow with Natasha and Sonya. The countess was still unwell and unable to travel but it was impossible to wait for her recovery. Prince Andrew was expected in Moscow any day, the trousseau had to be ordered and the estate near Moscow had to be sold, besides which the opportunity of presenting his future daughter-in-law to old Prince Bolkonski while he was in Moscow could not be missed. The Rostovs' Moscow house had not been heated that winter and, as they had come only for a short time and the countess was not with them, the count decided to stay with Marya Dmitrievna Akhrosimova, who had long been pressing her hospitality on them.

Late one evening the Rostovs' four sleighs drove into Marya Dmitrievna's courtyard in the old Konyusheny street. Marya Dmitrievna lived alone. She had already married off her daughter, and her sons were all in the service.

She held herself as erect, told everyone her opinion as candidly, loudly, and bluntly as ever, and her whole bearing seemed a reproach to others for any weakness, passion, or temptation--the possibility of which she did not admit. From early in the morning, wearing a dressing jacket, she attended to her household affairs, and then she drove out: on holy days to church and after the service to jails and prisons on affairs of which she never spoke to anyone. On ordinary days, after dressing, she received petitioners of various classes, of whom there were always some. Then she had dinner, a substantial and appetizing meal at which there were always three or four guests; after dinner she played a game of boston, and at night she had the newspapers or a new book read to her while she knitted. She rarely made an exception and went out to pay visits, and then only to the most important persons in the town.

She had not yet gone to bed when the Rostovs arrived and the pulley of the hall door squeaked from the cold as it let in the Rostovs and their servants. Marya Dmitrievna, with her spectacles hanging down on her nose and her head flung back, stood in the hall doorway looking with a stern, grim face at the new arrivals. One might have thought she was angry with the travelers and would immediately turn them out, had she not at the same time been giving careful instructions to the servants for the accommodation of the visitors and their belongings.

"The count's things? Bring them here," she said, pointing to the portmanteaus and not greeting anyone. "The young ladies"? There to the left. Now what are you dawdling for?" she cried to the maids. "Get the

samovar ready!... You've grown plumper and prettier," she remarked, drawing Natasha (whose cheeks were glowing from the cold) to her by the hood. "Foo! You are cold! Now take off your things, quick!" she shouted to the count who was going to kiss her hand. "You're half frozen, I'm sure! Bring some rum for tea!... Bonjour, Sonya dear!" she added, turning to Sonya and indicating by this French greeting her slightly contemptuous though affectionate attitude toward her.

When they came in to tea, having taken off their outdoor things and tidied themselves up after their journey, Marya Dmitrievna kissed them all in due order.

"I'm heartily glad you have come and are staying with me. It was high time," she said, giving Natasha a significant look. "The old man is here and his son's expected any day. You'll have to make his acquaintance. But we'll speak of that later on," she added, glancing at Sonya with a look that showed she did not want to speak of it in her presence. "Now listen," she said to the count. "What do you want tomorrow? Whom will you send for? Shinshin?" she crooked one of her fingers. "The sniveling Anna Mikhaylovna? That's two. She's here with her son. The son is getting married! Then Bezukhov, eh? He is here too, with his wife. He ran away from her and she came galloping after him. He dined with me on Wednesday. As for them"--and she pointed to the girls--"tomorrow I'll take them first to the Iberian shrine of the Mother of God, and then we'll drive to the Super-Rogue's. I suppose you'll have everything new. Don't judge by me: sleeves nowadays are this size! The other day young Princess Irina Vasilevna came to see me; she was an awful sight--looked as if she had put two barrels on her arms. You know not a day passes now without some new fashion.... And what have you to do yourself?" she asked the count sternly.

"One thing has come on top of another: her rags to buy, and now a purchaser has turned up for the Moscow estate and for the house. If you will be so kind, I'll fix a time and go down to the estate just for a day, and leave my lassies with you."

"All right. All right. They'll be safe with me, as safe as in Chancery! I'll take them where they must go, scold them a bit, and pet them a bit," said Marya Dmitrievna, touching her goddaughter and favorite, Natasha, on the cheek with her large hand.

Next morning Marya Dmitrievna took the young ladies to the Iberian shrine of the Mother of God and to Madame Suppert-Roguet, who was so afraid of Marya Dmitrievna that she always let her have costumes at a loss merely to get rid of her. Marya Dmitrievna ordered almost the whole trousseau. When they got home she turned everybody out of the room except Nataisha, and then called her pet to her armchair.

"Well, now we'll talk. I congratulate you on your betrothed. You've hooked a fine fellow! I am glad for your sake and I've known him since he was so high." She held her hand a couple of feet from the ground. Natasha blushed happily. "I like him and all his family. Now listen! You know that old Prince Nicholas much dislikes his son's marrying. The old fellow's crotchety! Of course Prince Andrew is not a child and can shift without him, but it's not nice to enter a family against a father's will. One wants to do it peacefully and lovingly. You're a clever girl and you'll know how to manage. Be kind, and use your wits. Then all will be well."

Natasha remained silent, from shyness Marya Dmitrievna supposed, but really because she disliked anyone interfering in what touched her love of Prince Andrew, which seemed to her so apart from all human affairs that no one could understand it. She loved and knew Prince Andrew, he loved her only, and was to come one of these days and take her. She wanted nothing more.

"You see I have known him a long time and am also fond of Mary, your future sister-in-law. 'Husbands' sisters bring up blisters,' but this one wouldn't hurt a fly. She has asked me to bring you two together. Tomorrow you'll go with your father to see her. Be very nice and affectionate to her: you're younger than she. When he comes, he'll find you already know his sister and father and are liked by them. Am I right or not? Won't that be best?"

"Yes, it will," Natasha answered reluctantly.

CHAPTER VII

Next day, by Marya Dmitrievna's advice, Count Rostov took Natasha to call on Prince Nicholas Bolkonski. The count did not set out cheerfully on this visit, at heart he felt afraid. He well remembered the last interview he had had with the old prince at the time of the enrollment, when in reply to an invitation to dinner he had had to listen to an angry reprimand for not having provided his full quota of men. Natasha, on the other hand, having put on her best gown, was in the highest spirits. "They can't help liking me," she thought. "Everybody always has liked me, and I am so willing to do anything they wish, so ready to be fond of him--for being his father--and of her--for being his sister--that there is no reason for them not to like me..."

They drove up to the gloomy old house on the Vozdvizhenka and entered the vestibule.

"Well, the Lord have mercy on us!" said the count, half in jest, half in earnest; but Natasha noticed that her father was flurried on entering the anteroom and inquired timidly and softly whether the prince and princess were at home.

When they had been announced a perturbation was noticeable among the servants. The footman who had gone to announce them was stopped by another in the large hall and they whispered to one another. Then a maidservant ran into the hall and hurriedly said something, mentioning the princess. At last an old, cross looking footman came and announced to the Rostovs that the prince was not receiving, but that the princess begged them to walk up. The first person who came to meet the visitors was Mademoiselle Bourienne. She greeted the father and daughter with special politeness and showed them to the princess' room. The princess, looking excited and nervous, her face flushed in patches, ran in to meet the visitors, treading heavily, and vainly trying to appear cordial and at ease. From the first glance Princess Mary did not like Natasha. She thought her too fashionably dressed, frivolously gay and vain. She did not at all realize that before having seen her future sister-in-law she was prejudiced against her by involuntary envy of her beauty, youth, and happiness, as well as by jealousy of her brother's love for her. Apart from this insuperable antipathy to her, Princess Mary was agitated just then because on the Rostovs' being announced, the old prince had shouted that he did not wish to see them, that Princess Mary might do so if she chose, but they were not to be admitted to him. She had decided to receive them, but feared lest the prince might at any moment indulge in some freak, as he seemed much upset by the Rostovs' visit.

"There, my dear princess, I've brought you my songstress," said the count, bowing and looking round uneasily as if afraid the old prince might appear. "I am so glad you should get to know one another... very sorry the prince is still ailing," and after a few more commonplace remarks he rose. "If you'll allow me to leave my Natasha in your hands for a quarter of an hour, Princess, I'll drive round to see Anna Semenovna, it's quite near in the Dogs' Square, and then I'll come back for her."

The count had devised this diplomatic ruse (as he afterwards told his daughter) to give the future sisters-in-law an opportunity to talk to one another freely, but another motive was to avoid the danger of encountering the old prince, of whom he was afraid. He did not mention this to his daughter, but Natasha noticed her father's nervousness and anxiety and felt mortified by it. She blushed for him, grew still

angrier at having blushed, and looked at the princess with a bold and defiant expression which said that she was not afraid of anybody. The princess told the count that she would be delighted, and only begged him to stay longer at Anna Semenovna's, and he departed.

Despite the uneasy glances thrown at her by Princess Mary--who wished to have a tete-a-tete with Natasha--Mademoiselle Bourienne remained in the room and persistently talked about Moscow amusements and theaters. Natasha felt offended by the hesitation she had noticed in the anteroom, by her father's nervousness, and by the unnatural manner of the princess who--she thought--was making a favor of receiving her, and so everything displeased her. She did not like Princess Mary, whom she thought very plain, affected, and dry. Natasha suddenly shrank into herself and involuntarily assumed an offhand air which alienated Princess Mary still more. After five minutes of irksome, constrained conversation, they heard the sound of slippers rapidly approaching. Princess Mary looked frightened.

The door opened and the old prince, in a dressing gown and a white nightcap, came in.

"Ah, madam!" he began. "Madam, Countess... Countess Rostova, if I am not mistaken... I beg you to excuse me, to excuse me... I did not know, madam. God is my witness, I did not know you had honored us with a visit, and I came in such a costume only to see my daughter. I beg you to excuse me... God is my witness, I didn't know-" he repeated, stressing the word "God" so unnaturally and so unpleasantly that Princess Mary stood with downcast eyes not daring to look either at her father or at Natasha.

Nor did the latter, having risen and curtsied, know what to do. Mademoiselle Bourienne alone smiled agreeably.

"I beg you to excuse me, excuse me! God is my witness, I did not know," muttered the old man, and after looking Natasha over from head to foot he went out.

Mademoiselle Bourienne was the first to recover herself after this apparition and began speaking about the prince's indisposition. Natasha and Princess Mary looked at one another in silence, and the longer they did so without saying what they wanted to say, the greater grew their antipathy to one another.

When the count returned, Natasha was impolitely pleased and hastened to get away: at that moment she hated the stiff, elderly princess, who could place her in such an embarrassing position and had spent half an

hour with her without once mentioning Prince Andrew. "I couldn't begin talking about him in the presence of that Frenchwoman," thought Natasha. The same thought was meanwhile tormenting Princess Mary. She knew what she ought to have said to Natasha, but she had been unable to say it because Mademoiselle Bourienne was in the way, and because, without knowing why, she felt it very difficult to speak of the marriage. When the count was already leaving the room, Princess Mary went up hurriedly to Natasha, took her by the hand, and said with a deep sigh:

"Wait, I must..."

Natasha glanced at her ironically without knowing why.

"Dear Natalie," said Princess Mary, "I want you to know that I am glad my brother has found happiness...."

She paused, feeling that she was not telling the truth. Natasha noticed this and guessed its reason.

"I think, Princess, it is not convenient to speak of that now," she said with external dignity and coldness, though she felt the tears choking her.

"What have I said and what have I done?" thought she, as soon as she was out of the room.

They waited a long time for Natasha to come to dinner that day. She sat in her room crying like a child, blowing her nose and sobbing. Sonya stood beside her, kissing her hair.

"Natasha, what is it about?" she asked. "What do they matter to you? It will all pass, Natasha."

"But if you only knew how offensive it was... as if I..."

"Don't talk about it, Natasha. It wasn't your fault so why should you mind? Kiss me," said Sonya.

Natasha raised her head and, kissing her friend on the lips, pressed her wet face against her.

"I can't tell you, I don't know. No one's to blame," said Natasha-
"It's my fault. But it all hurts terribly. Oh, why doesn't he come?..."

She came in to dinner with red eyes. Marya Dmitrievna, who knew how the prince had received the Rostovs, pretended not to notice how

upset Natasha was and jested resolutely and loudly at table with the count and the other guests.

CHAPTER VIII

That evening the Rostovs went to the Opera, for which Marya Dmitrievna had taken a box.

Natasha did not want to go, but could not refuse Marya Dmitrievna's kind offer which was intended expressly for her. When she came ready dressed into the ballroom to await her father, and looking in the large mirror there saw that she was pretty, very pretty, she felt even more sad, but it was a sweet, tender sadness.

"O God, if he were here now I would not behave as I did then, but differently. I would not be silly and afraid of things, I would simply embrace him, cling to him, and make him look at me with those searching inquiring eyes with which he has so often looked at me, and then I would make him laugh as he used to laugh. And his eyes--how I see those eyes!" thought Natasha. "And what do his father and sister matter to me? I love him alone, him, him, with that face and those eyes, with his smile, manly and yet childlike.... No, I had better not think of him; not think of him but forget him, quite forget him for the present. I can't bear this waiting and I shall cry in a minute!" and she turned away from the glass, making an effort not to cry. "And how can Sonya love Nicholas so calmly and quietly and wait so long and so patiently?" thought she, looking at Sonya, who also came in quite ready, with a fan in her hand. "No, she's altogether different. I can't!"

Natasha at that moment felt so softened and tender that it was not enough for her to love and know she was beloved, she wanted now, at once, to embrace the man she loved, to speak and hear from him words of love such as filled her heart. While she sat in the carriage beside her father, pensively watching the lights of the street lamps flickering on the frozen window, she felt still sadder and more in love, and forgot where she was going and with whom. Having fallen into the line of carriages, the Rostovs' carriage drove up to the theater, its wheels squeaking over the snow. Natasha and Sonya, holding up their dresses, jumped out quickly. The count got out helped by the footmen, and, passing among men and women who were entering and the program sellers, they all three went along the corridor to the first row of boxes. Through the closed doors the music was already

audible.

"Natasha, your hair!..." whispered Sonya.

An attendant deferentially and quickly slipped before the ladies and opened the door of their box. The music sounded louder and through the door rows of brightly lit boxes in which ladies sat with bare arms and shoulders, and noisy stalls brilliant with uniforms, glittered before their eyes. A lady entering the next box shot a glance of feminine envy at Natasha. The curtain had not yet risen and the overture was being played. Natasha, smoothing her gown, went in with Sonya and sat down, scanning the brilliant tiers of boxes opposite. A sensation she had not experienced for a long time--that of hundreds of eyes looking at her bare arms and neck--suddenly affected her both agreeably and disagreeably and called up a whole crowd of memories, desires and emotions associated with that feeling.

The two remarkably pretty girls, Natasha and Sonya, with Count Rostov who had not been seen in Moscow for a long time, attracted general attention. Moreover, everybody knew vaguely of Natasha's engagement to Prince Andrew, and knew that the Rostovs had lived in the country ever since, and all looked with curiosity at a fiancée who was making one of the best matches in Russia.

Natasha's looks, as everyone told her, had improved in the country, and that evening thanks to her agitation she was particularly pretty. She struck those who saw her by her fullness of life and beauty, combined with her indifference to everything about her. Her black eyes looked at the crowd without seeking anyone, and her delicate arm, bare to above the elbow, lay on the velvet edge of the box, while, evidently unconsciously, she opened and closed her hand in time to the music, crumpling her program. "Look, there's Alenina," said Sonya, "with her mother, isn't it?"

"Dear me, Michael Kirilovich has grown still stouter!" remarked the count.

"Look at our Anna Mikhaylovna--what a headdress she has on!"

"The Karagins, Julie--and Boris with them. One can see at once that they're engaged...."

"Drubetskoy has proposed?"

"Oh yes, I heard it today," said Shinshin, coming into the Rostovs' box.

Natasha looked in the direction in which her father's eyes were

turned and saw Julie sitting beside her mother with a happy look on her face and a string of pearls round her thick red neck--which Natasha knew was covered with powder. Behind them, wearing a smile and leaning over with an ear to Julie's mouth, was Boris' handsome smoothly brushed head. He looked the Rostovs from under his brows and said something, smiling, to his betrothed.

"They are talking about us, about me and him!" thought Natasha. "And he no doubt is calming her jealousy of me. They needn't trouble themselves! If only they knew how little I am concerned about any of them."

Behind them sat Anna Mikhaylovna wearing a green headdress and with a happy look of resignation to the will of God on her face. Their box was pervaded by that atmosphere of an affianced couple which Natasha knew so well and liked so much. She turned away and suddenly remembered all that had been so humiliating in her morning's visit.

"What right has he not to wish to receive me into his family? Oh, better not think of it--not till he comes back!" she told herself, and began looking at the faces, some strange and some familiar, in the stalls. In the front, in the very center, leaning back against the orchestra rail, stood Dolokhov in a Persian dress, his curly hair brushed up into a huge shock. He stood in full view of the audience, well aware that he was attracting everyone's attention, yet as much at ease as though he were in his own room. Around him thronged Moscow's most brilliant young men, whom he evidently dominated.

The count, laughing, nudged the blushing Sonya and pointed to her former adorer.

"Do you recognize him?" said he. "And where has he sprung from?" he asked, turning to Shinshin. "Didn't he vanish somewhere?"

"He did," replied Shinshin. "He was in the Caucasus and ran away from there. They say he has been acting as minister to some ruling prince in Persia, where he killed the Shah's brother. Now all the Moscow ladies are mad about him! It's 'Dolokhov the Persian' that does it! We never hear a word but Dolokhov is mentioned. They swear by him, they offer him to you as they would a dish of choice sterlet. Dolokhov and Anatole Kuragin have turned all our ladies' heads."

A tall, beautiful woman with a mass of plaited hair and much exposed plump white shoulders and neck, round which she wore a double string of large pearls, entered the adjoining box rustling her heavy silk dress and took a long time settling into her place.

Natasha involuntarily gazed at that neck, those shoulders, and

pearls and coiffure, and admired the beauty of the shoulders and the pearls. While Natasha was fixing her gaze on her for the second time the lady looked round and, meeting the count's eyes, nodded to him and smiled. She was the Countess Bezukhova, Pierre's wife, and the count, who knew everyone in society, leaned over and spoke to her.

"Have you been here long, Countess?" he inquired. "I'll call, I'll call to kiss your hand. I'm here on business and have brought my girls with me. They say Semenova acts marvelously. Count Pierre never used to forget us. Is he here?"

"Yes, he meant to look in," answered Helene, and glanced attentively at Natasha.

Count Rostov resumed his seat.

"Handsome, isn't she?" he whispered to Natasha.

"Wonderful!" answered Natasha. "She's a woman one could easily fall in love with."

Just then the last chords of the overture were heard and the conductor tapped with his stick. Some latecomers took their seats in the stalls, and the curtain rose.

As soon as it rose everyone in the boxes and stalls became silent, and all the men, old and young, in uniform and evening dress, and all the women with gems on their bare flesh, turned their whole attention with eager curiosity to the stage. Natasha too began to look at it.

CHAPTER IX

The floor of the stage consisted of smooth boards, at the sides was some painted cardboard representing trees, and at the back was a cloth stretched over boards. In the center of the stage sat some girls in red bodices and white skirts. One very fat girl in a white silk dress sat apart on a low bench, to the back of which a piece of green cardboard was glued. They all sang something. When they had finished their song the girl in white went up to the prompter's box and a man with tight silk trousers over his stout legs, and holding a plume and a dagger, went up to her and began singing, waving his arms about.

First the man in the tight trousers sang alone, then she sang, then they both paused while the orchestra played and the man fingered the hand of the girl in white, obviously awaiting the beat to start singing with her. They sang together and everyone in the theater began clapping and shouting, while the man and woman on the stage--who represented lovers--began smiling, spreading out their arms, and bowing.

After her life in the country, and in her present serious mood, all this seemed grotesque and amazing to Natasha. She could not follow the opera nor even listen to the music; she saw only the painted cardboard and the queerly dressed men and women who moved, spoke, and sang so strangely in that brilliant light. She knew what it was all meant to represent, but it was so pretentiously false and unnatural that she first felt ashamed for the actors and then amused at them. She looked at the faces of the audience, seeking in them the same sense of ridicule and perplexity she herself experienced, but they all seemed attentive to what was happening on the stage, and expressed delight which to Natasha seemed feigned. "I suppose it has to be like this!" she thought. She kept looking round in turn at the rows of pomaded heads in the stalls and then at the seminude women in the boxes, especially at Helene in the next box, who--apparently quite unclothed--sat with a quiet tranquil smile, not taking her eyes off the stage. And feeling the bright light that flooded the whole place and the warm air heated by the crowd, Natasha little by little began to pass into a state of intoxication she had not experienced for a long while. She did not realize who and where she was, nor what was going on before her. As she looked and thought, the strangest fancies unexpectedly and disconnectedly passed through her mind: the idea occurred to her of jumping onto the edge of the box and singing the air the actress was singing, then she wished to touch with her fan an old gentleman sitting not far from her, then to lean over to Helene and tickle her.

At a moment when all was quiet before the commencement of a song, a door leading to the stalls on the side nearest the Rostovs' box creaked, and the steps of a belated arrival were heard. "There's Kuragin!" whispered Shinshin. Countess Bezukhova turned smiling to the newcomer, and Natasha, following the direction of that look, saw an exceptionally handsome adjutant approaching their box with a self-assured yet courteous bearing. This was Anatole Kuragin whom she had seen and noticed long ago at the ball in Petersburg. He was now in an adjutant's uniform with one epaulet and a shoulder knot. He moved with a restrained swagger which would have been ridiculous had he not been so good-looking and had his handsome face not worn such an expression of good-humored complacency and gaiety. Though the performance was proceeding, he walked deliberately down the

carpeted gangway, his sword and spurs slightly jingling and his handsome perfumed head held high. Having looked at Natasha he approached his sister, laid his well gloved hand on the edge of her box, nodded to her, and leaning forward asked a question, with a motion toward Natasha.

"Mais charmante!" said he, evidently referring to Natasha, who did not exactly hear his words but understood them from the movement of his lips. Then he took his place in the first row of the stalls and sat down beside Dolokhov, nudging with his elbow in a friendly and offhand way that Dolokhov whom others treated so fawningly. He winked at him gaily, smiled, and rested his foot against the orchestra screen.

"How like the brother is to the sister," remarked the count. "And how handsome they both are!"

Shinshin, lowering his voice, began to tell the count of some intrigue of Kuragin's in Moscow, and Natasha tried to overhear it just because he had said she was "charmante."

The first act was over. In the stalls everyone began moving about, going out and coming in.

Boris came to the Rostovs' box, received their congratulations very simply, and raising his eyebrows with an absent-minded smile conveyed to Natasha and Sonya his fiancée's invitation to her wedding, and went away. Natasha with a gay, coquettish smile talked to him, and congratulated on his approaching wedding that same Boris with whom she had formerly been in love. In the state of intoxication she was in, everything seemed simple and natural.

The scantily clad Helene smiled at everyone in the same way, and Natasha gave Boris a similar smile.

Helene's box was filled and surrounded from the stalls by the most distinguished and intellectual men, who seemed to vie with one another in their wish to let everyone see that they knew her.

During the whole of that entr'acte Kuragin stood with Dolokhov in front of the orchestra partition, looking at the Rostovs' box. Natasha knew he was talking about her and this afforded her pleasure. She even turned so that he should see her profile in what she thought was its most becoming aspect. Before the beginning of the second act Pierre appeared in the stalls. The Rostovs had not seen him since their arrival. His face looked sad, and he had grown still stouter since Natasha last saw him. He passed up to the front rows, not noticing anyone. Anatole went up to him and began speaking to him, looking at

and indicating the Rostovs' box. On seeing Natasha Pierre grew animated and, hastily passing between the rows, came toward their box. When he got there he leaned on his elbows and, smiling, talked to her for a long time. While conversing with Pierre, Natasha heard a man's voice in Countess Bezukhova's box and something told her it was Kuragin. She turned and their eyes met. Almost smiling, he gazed straight into her eyes with such an enraptured caressing look that it seemed strange to be so near him, to look at him like that, to be so sure he admired her, and not to be acquainted with him.

In the second act there was scenery representing tombstones, there was a round hole in the canvas to represent the moon, shades were raised over the footlights, and from horns and contrabass came deep notes while many people appeared from right and left wearing black cloaks and holding things like daggers in their hands. They began waving their arms. Then some other people ran in and began dragging away the maiden who had been in white and was now in light blue. They did not drag her away at once, but sang with her for a long time and then at last dragged her off, and behind the scenes something metallic was struck three times and everyone knelt down and sang a prayer. All these things were repeatedly interrupted by the enthusiastic shouts of the audience.

During this act every time Natasha looked toward the stalls she saw Anatole Kuragin with an arm thrown across the back of his chair, staring at her. She was pleased to see that he was captivated by her and it did not occur to her that there was anything wrong in it.

When the second act was over Countess Bezukhova rose, turned to the Rostovs' box--her whole bosom completely exposed--beckoned the old count with a gloved finger, and paying no attention to those who had entered her box began talking to him with an amiable smile.

"Do make me acquainted with your charming daughters," said she. "The whole town is singing their praises and I don't even know then!"

Natasha rose and curtsied to the splendid countess. She was so pleased by praise from this brilliant beauty that she blushed with pleasure.

"I want to become a Moscovite too, now," said Helene. "How is it you're not ashamed to bury such pearls in the country?"

Countess Bezukhova quite deserved her reputation of being a fascinating woman. She could say what she did not think--especially what was flattering--quite simply and naturally.

"Dear count, you must let me look after your daughters! Though I

am not staying here long this time--nor are you--I will try to amuse them. I have already heard much of you in Petersburg and wanted to get to know you," said she to Natasha with her stereotyped and lovely smile. "I had heard about you from my page, Drubetskoy. Have you heard he is getting married? And also from my husband's friend Bolkonski, Prince Andrew Bolkonski," she went on with special emphasis, implying that she knew of his relation to Natasha. To get better acquainted she asked that one of the young ladies should come into her box for the rest of the performance, and Natasha moved over to it.

The scene of the third act represented a palace in which many candles were burning and pictures of knights with short beards hung on the walls. In the middle stood what were probably a king and a queen. The king waved his right arm and, evidently nervous, sang something badly and sat down on a crimson throne. The maiden who had been first in white and then in light blue, now wore only a smock, and stood beside the throne with her hair down. She sang something mournfully, addressing the queen, but the king waved his arm severely, and men and women with bare legs came in from both sides and began dancing all together. Then the violins played very shrilly and merrily and one of the women with thick bare legs and thin arms, separating from the others, went behind the wings, adjusted her bodice, returned to the middle of the stage, and began jumping and striking one foot rapidly against the other. In the stalls everyone clapped and shouted "bravo!" Then one of the men went into a corner of the stage. The cymbals and horns in the orchestra struck up more loudly, and this man with bare legs jumped very high and waved his feet about very rapidly. (He was Duport, who received sixty thousand rubles a year for this art.) Everybody in the stalls, boxes, and galleries began clapping and shouting with all their might, and the man stopped and began smiling and bowing to all sides. Then other men and women danced with bare legs. Then the king again shouted to the sound of music, and they all began singing. But suddenly a storm came on, chromatic scales and diminished sevenths were heard in the orchestra, everyone ran off, again dragging one of their number away, and the curtain dropped. Once more there was a terrible noise and clatter among the audience, and with rapturous faces everyone began shouting: "Duport! Duport! Duport!" Natasha no longer thought this strange. She look about with pleasure, smiling joyfully.

"Isn't Duport delightful?" Helene asked her.

"Oh, yes," replied Natasha.

CHAPTER X

During the entr'acte a whiff of cold air came into Helene's box, the door opened, and Anatole entered, stooping and trying not to brush against anyone.

"Let me introduce my brother to you," said Helene, her eyes shifting uneasily from Natasha to Anatole.

Natasha turned her pretty little head toward the elegant young officer and smiled at him over her bare shoulder. Anatole, who was as handsome at close quarters as at a distance, sat down beside her and told her he had long wished to have this happiness--ever since the Naryshkins' ball in fact, at which he had had the well-remembered pleasure of seeing her. Kuragin was much more sensible and simple with women than among men. He talked boldly and naturally, and Natasha was strangely and agreeably struck by the fact that there was nothing formidable in this man about whom there was so much talk, but that on the contrary his smile was most naive, cheerful, and good-natured.

Kuragin asked her opinion of the performance and told her how at a previous performance Semenova had fallen down on the stage.

"And do you know, Countess," he said, suddenly addressing her as an old, familiar acquaintance, "we are getting up a costume tournament; you ought to take part in it! It will be great fun. We shall all meet at the Karagins'! Please come! No! Really, eh?" said he.

While saying this he never removed his smiling eyes from her face, her neck, and her bare arms. Natasha knew for certain that he was enraptured by her. This pleased her, yet his presence made her feel constrained and oppressed. When she was not looking at him she felt that he was looking at her shoulders, and she involuntarily caught his eye so that he should look into hers rather than this. But looking into his eyes she was frightened, realizing that there was not that barrier of modesty she had always felt between herself and other men. She did not know how it was that within five minutes she had come to feel herself terribly near to this man. When she turned away she feared he might seize her from behind by her bare arm and kiss her on the neck. They spoke of most ordinary things, yet she felt that they were closer to one another than she had ever been to any man. Natasha kept turning to Helene and to her father, as if asking what it all meant, but Helene was engaged in conversation with a general and did not answer her look, and her father's eyes said nothing but what they always said: "Having a good time? Well, I'm glad of it!"

During one of these moments of awkward silence when Anatole's prominent eyes were gazing calmly and fixedly at her, Natasha, to break the silence, asked him how he liked Moscow. She asked the question and blushed. She felt all the time that by talking to him she was doing something improper. Anatole smiled as though to encourage her.

"At first I did not like it much, because what makes a town pleasant ce sont les jolies femmes,* isn't that so? But now I like it very much indeed," he said, looking at her significantly. "You'll come to the costume tournament, Countess? Do come!" and putting out his hand to her bouquet and dropping his voice, he added, "You will be the prettiest there. Do come, dear countess, and give me this flower as a pledge!"

*Are the pretty women.

Natasha did not understand what he was saying any more than he did himself, but she felt that his incomprehensible words had an improper intention. She did not know what to say and turned away as if she had not heard his remark. But as soon as she had turned away she felt that he was there, behind, so close behind her.

"How is he now? Confused? Angry? Ought I to put it right?" she asked herself, and she could not refrain from turning round. She looked straight into his eyes, and his nearness, self-assurance, and the good-natured tenderness of his smile vanquished her. She smiled just as he was doing, gazing straight into his eyes. And again she felt with horror that no barrier lay between him and her.

The curtain rose again. Anatole left the box, serene and gay. Natasha went back to her father in the other box, now quite submissive to the world she found herself in. All that was going on before her now seemed quite natural, but on the other hand all her previous thoughts of her betrothed, of Princess Mary, or of life in the country did not once recur to her mind and were as if belonging to a remote past.

In the fourth act there was some sort of devil who sang waving his arm about, till the boards were withdrawn from under him and he disappeared down below. That was the only part of the fourth act that Natasha saw. She felt agitated and tormented, and the cause of this was Kuragin whom she could not help watching. As they were leaving the theater Anatole came up to them, called their carriage, and helped them in. As he was putting Natasha in he pressed her arm

above the elbow. Agitated and flushed she turned round. He was looking at her with glittering eyes, smiling tenderly.

Only after she had reached home was Natasha able clearly to think over what had happened to her, and suddenly remembering Prince Andrew she was horrified, and at tea to which all had sat down after the opera, she gave a loud exclamation, flushed, and ran out of the room.

"O God! I am lost!" she said to herself. "How could I let him?" She sat for a long time hiding her flushed face in her hands trying to realize what had happened to her, but was unable either to understand what had happened or what she felt. Everything seemed dark, obscure, and terrible. There in that enormous, illuminated theater where the bare-legged Duport, in a tinsel-decorated jacket, jumped about to the music on wet boards, and young girls and old men, and the nearly naked Helene with her proud, calm smile, rapturously cried "bravo!"--there in the presence of that Helene it had all seemed clear and simple; but now, alone by herself, it was incomprehensible. "What is it? What was that terror I felt of him? What is this gnawing of conscience I am feeling now?" she thought.

Only to the old countess at night in bed could Natasha have told all she was feeling. She knew that Sonya with her severe and simple views would either not understand it at all or would be horrified at such a confession. So Natasha tried to solve what was torturing her by herself.

"Am I spoiled for Andrew's love or not?" she asked herself, and with soothing irony replied: "What a fool I am to ask that! What did happen to me? Nothing! I have done nothing, I didn't lead him on at all. Nobody will know and I shall never see him again," she told herself. "So it is plain that nothing has happened and there is nothing to repent of, and Andrew can love me still. But why 'still?' O God, why isn't he here?" Natasha quieted herself for a moment, but again some instinct told her that though all this was true, and though nothing had happened, yet the former purity of her love for Prince Andrew had perished. And again in imagination she went over her whole conversation with Kuragin, and again saw the face, gestures, and tender smile of that bold handsome man when he pressed her arm.

CHAPTER XI

Anatole Kuragin was staying in Moscow because his father had sent him away from Petersburg, where he had been spending twenty thousand rubles a year in cash, besides running up debts for as much more, which his creditors demanded from his father.

His father announced to him that he would now pay half his debts for the last time, but only on condition that he went to Moscow as adjutant to the commander in chief--a post his father had procured for him--and would at last try to make a good match there. He indicated to him Princess Mary and Julie Karagina.

Anatole consented and went to Moscow, where he put up at Pierre's house. Pierre received him unwillingly at first, but got used to him after a while, sometimes even accompanied him on his carousals, and gave him money under the guise of loans.

As Shinshin had remarked, from the time of his arrival Anatole had turned the heads of the Moscow ladies, especially by the fact that he slighted them and plainly preferred the gypsy girls and French actresses--with the chief of whom, Mademoiselle George, he was said to be on intimate relations. He had never missed a carousal at Danilov's or other Moscow revelers', drank whole nights through, outvying everyone else, and was at all the balls and parties of the best society. There was talk of his intrigues with some of the ladies, and he flirted with a few of them at the balls. But he did not run after the unmarried girls, especially the rich heiresses who were most of them plain. There was a special reason for this, as he had got married two years before--a fact known only to his most intimate friends. At that time while with his regiment in Poland, a Polish landowner of small means had forced him to marry his daughter. Anatole had very soon abandoned his wife and, for a payment which he agreed to send to his father-in-law, had arranged to be free to pass himself off as a bachelor.

Anatole was always content with his position, with himself, and with others. He was instinctively and thoroughly convinced that was impossible for him to live otherwise than as he did and that he had never in his life done anything base. He was incapable of considering how his actions might affect others or what the consequences of this or that action of his might be. He was convinced that, as a duck is so made that it must live in water, so God had made him such that he must spend thirty thousand rubles a year and always occupy a prominent position in society. He believed this so firmly that others, looking at him, were persuaded of it too and did not refuse him either a leading place in society or money, which he borrowed from anyone and everyone and evidently would not repay.

He was not a gambler, at any rate he did not care about winning.

He was not vain. He did not mind what people thought of him. Still less could he be accused of ambition. More than once he had vexed his father by spoiling his own career, and he laughed at distinctions of all kinds. He was not mean, and did not refuse anyone who asked of him. All he cared about was gaiety and women, and as according to his ideas there was nothing dishonorable in these tastes, and he was incapable of considering what the gratification of his tastes entailed for others, he honestly considered himself irreproachable, sincerely despised rogues and bad people, and with a tranquil conscience carried his head high.

Rakes, those male Magdalenes, have a secret feeling of innocence similar to that which female Magdalenes have, based on the same hope of forgiveness. "All will be forgiven her, for she loved much; and all will be forgiven him, for he enjoyed much."

Dolokhov, who had reappeared that year in Moscow after his exile and his Persian adventures, and was leading a life of luxury, gambling, and dissipation, associated with his old Petersburg comrade Kuragin and made use of him for his own ends.

Anatole was sincerely fond of Dolokhov for his cleverness and audacity. Dolokhov, who needed Anatole Kuragin's name, position, and connections as a bait to draw rich young men into his gambling set, made use of him and amused himself at his expense without letting the other feel it. Apart from the advantage he derived from Anatole, the very process of dominating another's will was in itself a pleasure, a habit, and a necessity to Dolokhov.

Natasha had made a strong impression on Kuragin. At supper after the opera he described to Dolokhov with the air of a connoisseur the attractions of her arms, shoulders, feet, and hair and expressed his intention of making love to her. Anatole had no notion and was incapable of considering what might come of such love-making, as he never had any notion of the outcome of any of his actions.

"She's first-rate, my dear fellow, but not for us," replied Dolokhov.

"I will tell my sister to ask her to dinner," said Anatole. "Eh?"

"You'd better wait till she's married...."

"You know, I adore little girls, they lose their heads at once," pursued Anatole.

"You have been caught once already by a 'little girl,'" said Dolokhov who knew of Kuragin's marriage. "Take care!"

"Well, that can't happen twice! Eh?" said Anatole, with a good-humored laugh.

CHAPTER XII

The day after the opera the Rostovs went nowhere and nobody came to see them. Marya Dmitrievna talked to the count about something which they concealed from Natasha. Natasha guessed they were talking about the old prince and planning something, and this disquieted and offended her. She was expecting Prince Andrew any moment and twice that day sent a manservant to the Vozdvizhenka to ascertain whether he had come. He had not arrived. She suffered more now than during her first days in Moscow. To her impatience and pining for him were now added the unpleasant recollection of her interview with Princess Mary and the old prince, and a fear and anxiety of which she did not understand the cause. She continually fancied that either he would never come or that something would happen to her before he came. She could no longer think of him by herself calmly and continuously as she had done before. As soon as she began to think of him, the recollection of the old prince, of Princess Mary, of the theater, and of Kuragin mingled with her thoughts. The question again presented itself whether she was not guilty, whether she had not already broken faith with Prince Andrew, and again she found herself recalling to the minutest detail every word, every gesture, and every shade in the play of expression on the face of the man who had been able to arouse in her such an incomprehensible and terrifying feeling. To the family Natasha seemed livelier than usual, but she was far less tranquil and happy than before.

On Sunday morning Marya Dmitrievna invited her visitors to Mass at her parish church--the Church of the Assumption built over the graves of victims of the plague.

"I don't like those fashionable churches," she said, evidently priding herself on her independence of thought. "God is the same every where. We have an excellent priest, he conducts the service decently and with dignity, and the deacon is the same. What holiness is there in giving concerts in the choir? I don't like it, it's just self-indulgence!"

Marya Dmitrievna liked Sundays and knew how to keep them. Her whole house was scrubbed and cleaned on Saturdays; neither she nor the

servants worked, and they all wore holiday dress and went to church. At her table there were extra dishes at dinner, and the servants had vodka and roast goose or suckling pig. But in nothing in the house was the holiday so noticeable as in Marya Dmitrievna's broad, stern face, which on that day wore an invariable look of solemn festivity.

After Mass, when they had finished their coffee in the dining room where the loose covers had been removed from the furniture, a servant announced that the carriage was ready, and Marya Dmitrievna rose with a stern air. She wore her holiday shawl, in which she paid calls, and announced that she was going to see Prince Nicholas Bolkonski to have an explanation with him about Natasha.

After she had gone, a dressmaker from Madame Suppert-Roguet waited on the Rostovs, and Natasha, very glad of this diversion, having shut herself into a room adjoining the drawing room, occupied herself trying on the new dresses. Just as she had put on a bodice without sleeves and only tacked together, and was turning her head to see in the glass how the back fitted, she heard in the drawing room the animated sounds of her father's voice and another's--a woman's--that made her flush. It was Helene. Natasha had not time to take off the bodice before the door opened and Countess Bezukhova, dressed in a purple velvet gown with a high collar, came into the room beaming with good-humored amiable smiles.

"Oh, my enchantress!" she cried to the blushing Natasha.
"Charming! No, this is really beyond anything, my dear count," said she to Count Rostov who had followed her in. "How can you live in Moscow and go nowhere? No, I won't let you off! Mademoiselle George will recite at my house tonight and there'll be some people, and if you don't bring your lovely girls--who are prettier than Mademoiselle George--I won't know you! My husband is away in Tver or I would send him to fetch you. You must come. You positively must! Between eight and nine."

She nodded to the dressmaker, whom she knew and who had curtsied respectfully to her, and seated herself in an armchair beside the looking glass, draping the folds of her velvet dress picturesquely. She did not cease chattering good-naturedly and gaily, continually praising Natasha's beauty. She looked at Natasha's dresses and praised them, as well as a new dress of her own made of "metallic gauze," which she had received from Paris, and advised Natasha to have one like it.

"But anything suits you, my charmer!" she remarked.

A smile of pleasure never left Natasha's face. She felt happy and as if she were blossoming under the praise of this dear Countess

Bezukhova who had formerly seemed to her so unapproachable and important and was now so kind to her. Natasha brightened up and felt almost in love with this woman, who was so beautiful and so kind. Helene for her part was sincerely delighted with Natasha and wished to give her a good time. Anatole had asked her to bring him and Natasha together, and she was calling on the Rostovs for that purpose. The idea of throwing her brother and Natasha together amused her.

Though at one time, in Petersburg, she had been annoyed with Natasha for drawing Boris away, she did not think of that now, and in her own way heartily wished Natasha well. As she was leaving the Rostovs she called her protegee aside.

"My brother dined with me yesterday--we nearly died of laughter--he ate nothing and kept sighing for you, my charmer! He is madly, quite madly, in love with you, my dear."

Natasha blushed scarlet when she heard this.

"How she blushes, how she blushes, my pretty!" said Helene. "You must certainly come. If you love somebody, my charmer, that is not a reason to shut yourself up. Even if you are engaged, I am sure your fiance would wish you to go into society rather than be bored to death."

"So she knows I am engaged, and she and her husband Pierre--that good Pierre--have talked and laughed about this. So it's all right." And again, under Helene's influence, what had seemed terrible now seemed simple and natural. "And she is such a grande dame, so kind, and evidently likes me so much. And why not enjoy myself?" thought Natasha, gazing at Helene with wide-open, wondering eyes.

Marya Dmitrievna came back to dinner taciturn and serious, having evidently suffered a defeat at the old prince's. She was still too agitated by the encounter to be able to talk of the affair calmly. In answer to the count's inquiries she replied that things were all right and that she would tell about it next day. On hearing of Countess Bezukhova's visit and the invitation for that evening, Marya Dmitrievna remarked:

"I don't care to have anything to do with Bezukhova and don't advise you to; however, if you've promised--go. It will divert your thoughts," she added, addressing Natasha.

CHAPTER XIII

Count Rostov took the girls to Countess Bezukhova's. There were a good many people there, but nearly all strangers to Natasha. Count Rostov was displeased to see that the company consisted almost entirely of men and women known for the freedom of their conduct. Mademoiselle George was standing in a corner of the drawing room surrounded by young men. There were several Frenchmen present, among them Metivier who from the time Helene reached Moscow had been an intimate in her house. The count decided not to sit down to cards or let his girls out of his sight and to get away as soon as Mademoiselle George's performance was over.

Anatole was at the door, evidently on the lookout for the Rostovs. Immediately after greeting the count he went up to Natasha and followed her. As soon as she saw him she was seized by the same feeling she had had at the opera--gratified vanity at his admiration of her and fear at the absence of a moral barrier between them.

Helene welcomed Natasha delightedly and was loud in admiration of her beauty and her dress. Soon after their arrival Mademoiselle George went out of the room to change her costume. In the drawing room people began arranging the chairs and taking their seats. Anatole moved a chair for Natasha and was about to sit down beside her, but the count, who never lost sight of her, took the seat himself. Anatole sat down behind her.

Mademoiselle George, with her bare, fat, dimpled arms, and a red shawl draped over one shoulder, came into the space left vacant for her, and assumed an unnatural pose. Enthusiastic whispering was audible.

Mademoiselle George looked sternly and gloomily at the audience and began reciting some French verses describing her guilty love for her son. In some places she raised her voice, in others she whispered, lifting her head triumphantly; sometimes she paused and uttered hoarse sounds, rolling her eyes.

"Adorable! divine! delicious!" was heard from every side.

Natasha looked at the fat actress, but neither saw nor heard nor understood anything of what went on before her. She only felt herself again completely borne away into this strange senseless world--so remote from her old world--a world in which it was impossible to know what was good or bad, reasonable or senseless. Behind her sat Anatole, and conscious of his proximity she experienced a frightened sense of expectancy.

After the first monologue the whole company rose and surrounded Mademoiselle George, expressing their enthusiasm.

"How beautiful she is!" Natasha remarked to her father who had also risen and was moving through the crowd toward the actress.

"I don't think so when I look at you!" said Anatole, following Natasha. He said this at a moment when she alone could hear him. "You are enchanting... from the moment I saw you I have never ceased..."

"Come, come, Natasha!" said the count, as he turned back for his daughter. "How beautiful she is!" Natasha without saying anything stepped up to her father and looked at him with surprised inquiring eyes.

After giving several recitations, Mademoiselle George left, and Countess Bezukhova asked her visitors into the ballroom.

The count wished to go home, but Helene entreated him not to spoil her improvised ball, and the Rostovs stayed on. Anatole asked Natasha for a valse and as they danced he pressed her waist and hand and told her she was bewitching and that he loved her. During the ecossaise, which she also danced with him, Anatole said nothing when they happened to be by themselves, but merely gazed at her. Natasha lifted her frightened eyes to him, but there was such confident tenderness in his affectionate look and smile that she could not, whilst looking at him, say what she had to say. She lowered her eyes.

"Don't say such things to me. I am betrothed and love another," she said rapidly.... She glanced at him.

Anatole was not upset or pained by what she had said.

"Don't speak to me of that! What can I do?" said he. "I tell you I am madly, madly, in love with you! Is it my fault that you are enchanting?... It's our turn to begin."

Natasha, animated and excited, looked about her with wide-open frightened eyes and seemed merrier than usual. She understood hardly anything that went on that evening. They danced the ecossaise and the Grossvater. Her father asked her to come home, but she begged to remain. Wherever she went and whomever she was speaking to, she felt his eyes upon her. Later on she recalled how she had asked her father to let her go to the dressing room to rearrange her dress, that Helene had followed her and spoken laughingly of her brother's love, and that she again met Anatole in the little sitting room. Helene

had disappeared leaving them alone, and Anatole had taken her hand and said in a tender voice:

"I cannot come to visit you but is it possible that I shall never see you? I love you madly. Can I never...?" and, blocking her path, he brought his face close to hers.

His large, glittering, masculine eyes were so close to hers that she saw nothing but them.

"Natalie?" he whispered inquiringly while she felt her hands being painfully pressed. "Natalie?"

"I don't understand. I have nothing to say," her eyes replied.

Burning lips were pressed to hers, and at the same instant she felt herself released, and Helene's footsteps and the rustle of her dress were heard in the room. Natasha looked round at her, and then, red and trembling, threw a frightened look of inquiry at Anatole and moved toward the door.

"One word, just one, for God's sake!" cried Anatole.

She paused. She so wanted a word from him that would explain to her what had happened and to which she could find no answer.

"Natalie, just a word, only one!" he kept repeating, evidently not knowing what to say and he repeated it till Helene came up to them.

Helene returned with Natasha to the drawing room. The Rostovs went away without staying for supper.

After reaching home Natasha did not sleep all night. She was tormented by the insoluble question whether she loved Anatole or Prince Andrew. She loved Prince Andrew--she remembered distinctly how deeply she loved him. But she also loved Anatole, of that there was no doubt. "Else how could all this have happened?" thought she. "If, after that, I could return his smile when saying good-by, if I was able to let it come to that, it means that I loved him from the first. It means that he is kind, noble, and splendid, and I could not help loving him. What am I to do if I love him and the other one too?" she asked herself, unable to find an answer to these terrible questions.

CHAPTER XIV

Morning came with its cares and bustle. Everyone got up and began to move about and talk, dressmakers came again. Marya Dmitrievna appeared, and they were called to breakfast. Natasha kept looking uneasily at everybody with wide-open eyes, as if wishing to intercept every glance directed toward her, and tried to appear the same as usual.

After breakfast, which was her best time, Marya Dmitrievna sat down in her armchair and called Natasha and the count to her.

"Well, friends, I have now thought the whole matter over and this is my advice," she began. "Yesterday, as you know, I went to see Prince Bolkonski. Well, I had a talk with him.... He took it into his head to begin shouting, but I am not one to be shouted down. I said what I had to say!"

"Well, and he?" asked the count.

"He? He's crazy... he did not want to listen. But what's the use of talking? As it is we have worn the poor girl out," said Marya Dmitrievna. "My advice to you is finish your business and go back home to Otradnoe... and wait there."

"Oh, no!" exclaimed Natasha.

"Yes, go back," said Marya Dmitrievna, "and wait there. If your betrothed comes here now--there will be no avoiding a quarrel; but alone with the old man he will talk things over and then come on to you."

Count Rostov approved of this suggestion, appreciating its reasonableness. If the old man came round it would be all the better to visit him in Moscow or at Bald Hills later on; and if not, the wedding, against his wishes, could only be arranged at Otradnoe.

"That is perfectly true. And I am sorry I went to see him and took her," said the old count.

"No, why be sorry? Being here, you had to pay your respects. But if he won't--that's his affair," said Marya Dmitrievna, looking for something in her reticule. "Besides, the trousseau is ready, so there is nothing to wait for; and what is not ready I'll send after you. Though I don't like letting you go, it is the best way. So go, with God's blessing!"

Having found what she was looking for in the reticule she handed it to Natasha. It was a letter from Princess Mary.

"She has written to you. How she torments herself, poor thing! She's afraid you might think that she does not like you."

"But she doesn't like me," said Natasha.

"Don't talk nonsense!" cried Marya Dmitrievna.

"I shan't believe anyone, I know she doesn't like me," replied Natasha boldly as she took the letter, and her face expressed a cold and angry resolution that caused Marya Dmitrievna to look at her more intently and to frown.

"Don't answer like that, my good girl!" she said. "What I say is true! Write an answer!" Natasha did not reply and went to her own room to read Princess Mary's letter.

Princess Mary wrote that she was in despair at the misunderstanding that had occurred between them. Whatever her father's feelings might be, she begged Natasha to believe that she could not help loving her as the one chosen by her brother, for whose happiness she was ready to sacrifice everything.

"Do not think, however," she wrote, "that my father is ill-disposed toward you. He is an invalid and an old man who must be forgiven; but he is good and magnanimous and will love her who makes his son happy." Princess Mary went on to ask Natasha to fix a time when she could see her again.

After reading the letter Natasha sat down at the writing table to answer it. "Dear Princess," she wrote in French quickly and mechanically, and then paused. What more could she write after all that had happened the evening before? "Yes, yes! All that has happened, and now all is changed," she thought as she sat with the letter she had begun before her. "Must I break off with him? Must I really? That's awful..." and to escape from these dreadful thoughts she went to Sonya and began sorting patterns with her.

After dinner Natasha went to her room and again took up Princess Mary's letter. "Can it be that it is all over?" she thought. "Can it be that all this has happened so quickly and has destroyed all that went before?" She recalled her love for Prince Andrew in all its former strength, and at the same time felt that she loved Kuragin. She vividly pictured herself as Prince Andrew's wife, and the scenes of happiness with him she had so often repeated in her imagination, and at the same time, aglow with excitement, recalled every detail of

yesterday's interview with Anatole.

"Why could that not be as well?" she sometimes asked herself in complete bewilderment. "Only so could I be completely happy; but now I have to choose, and I can't be happy without either of them. Only," she thought, "to tell Prince Andrew what has happened or to hide it from him are both equally impossible. But with that one nothing is spoiled. But am I really to abandon forever the joy of Prince Andrew's love, in which I have lived so long?"

"Please, Miss!" whispered a maid entering the room with a mysterious air. "A man told me to give you this-" and she handed Natasha a letter.

"Only, for Christ's sake..." the girl went on, as Natasha, without thinking, mechanically broke the seal and read a love letter from Anatole, of which, without taking in a word, she understood only that it was a letter from him--from the man she loved. Yes, she loved him, or else how could that have happened which had happened? And how could she have a love letter from him in her hand?

With trembling hands Natasha held that passionate love letter which Dolokhov had composed for Anatole, and as she read it she found in it an echo of all that she herself imagined she was feeling.

"Since yesterday evening my fate has been sealed; to be loved by you or to die. There is no other way for me," the letter began. Then he went on to say that he knew her parents would not give her to him--for this there were secret reasons he could reveal only to her--but that if she loved him she need only say the word yes, and no human power could hinder their bliss. Love would conquer all. He would steal her away and carry her off to the ends of the earth.

"Yes, yes! I love him!" thought Natasha, reading the letter for the twentieth time and finding some peculiarly deep meaning in each word of it.

That evening Marya Dmitrievna was going to the Akharovs' and proposed to take the girls with her. Natasha, pleading a headache, remained at home.

CHAPTER XV

On returning late in the evening Sonya went to Natasha's room, and to her surprise found her still dressed and asleep on the sofa. Open on the table, beside her lay Anatole's letter. Sonya picked it up and read it.

As she read she glanced at the sleeping Natasha, trying to find in her face an explanation of what she was reading, but did not find it. Her face was calm, gentle, and happy. Clutching her breast to keep herself from choking, Sonya, pale and trembling with fear and agitation, sat down in an armchair and burst into tears.

"How was it I noticed nothing? How could it go so far? Can she have left off loving Prince Andrew? And how could she let Kuragin go to such lengths? He is a deceiver and a villain, that's plain! What will Nicholas, dear noble Nicholas, do when he hears of it? So this is the meaning of her excited, resolute, unnatural look the day before yesterday, yesterday, and today," thought Sonya. "But it can't be that she loves him! She probably opened the letter without knowing who it was from. Probably she is offended by it. She could not do such a thing!"

Sonya wiped away her tears and went up to Natasha, again scanning her face.

"Natasha!" she said, just audibly.

Natasha awoke and saw Sonya.

"Ah, you're back?"

And with the decision and tenderness that often come at the moment of awakening, she embraced her friend, but noticing Sonya's look of embarrassment, her own face expressed confusion and suspicion.

"Sonya, you've read that letter?" she demanded.

"Yes," answered Sonya softly.

Natasha smiled rapturously.

"No, Sonya, I can't any longer!" she said. "I can't hide it from you any longer. You know, we love one another! Sonya, darling, he writes... Sonya..."

Sonya stared open-eyed at Natasha, unable to believe her ears.

"And Bolkonski?" she asked.

"Ah, Sonya, if you only knew how happy I am!" cried Natasha. "You don't know what love is...."

"But, Natasha, can that be all over?"

Natasha looked at Sonya with wide-open eyes as if she could not grasp the question.

"Well, then, are you refusing Prince Andrew?" said Sonya.

"Oh, you don't understand anything! Don't talk nonsense, just listen!" said Natasha, with momentary vexation.

"But I can't believe it," insisted Sonya. "I don't understand. How is it you have loved a man for a whole year and suddenly... Why, you have only seen him three times! Natasha, I don't believe you, you're joking! In three days to forget everything and so..."

"Three days?" said Natasha. "It seems to me I've loved him a hundred years. It seems to me that I have never loved anyone before. You can't understand it... Sonya, wait a bit, sit here," and Natasha embraced and kissed her.

"I had heard that it happens like this, and you must have heard it too, but it's only now that I feel such love. It's not the same as before. As soon as I saw him I felt he was my master and I his slave, and that I could not help loving him. Yes, his slave! Whatever he orders I shall do. You don't understand that. What can I do? What can I do, Sonya?" cried Natasha with a happy yet frightened expression.

"But think what you are doing," cried Sonya. "I can't leave it like this. This secret correspondence... How could you let him go so far?" she went on, with a horror and disgust she could hardly conceal.

"I told you that I have no will," Natasha replied. "Why can't you understand? I love him!"

"Then I won't let it come to that... I shall tell!" cried Sonya, bursting into tears.

"What do you mean? For God's sake... If you tell, you are my enemy!" declared Natasha. "You want me to be miserable, you want us to be separated...."

When she saw Natasha's fright, Sonya shed tears of shame and pity for her friend.

"But what has happened between you?" she asked. "What has he said to you? Why doesn't he come to the house?"

Natasha did not answer her questions.

"For God's sake, Sonya, don't tell anyone, don't torture me," Natasha entreated. "Remember no one ought to interfere in such matters! I have confided in you...."

"But why this secrecy? Why doesn't he come to the house?" asked Sonya. "Why doesn't he openly ask for your hand? You know Prince Andrew gave you complete freedom--if it is really so; but I don't believe it! Natasha, have you considered what these secret reasons can be?"

Natasha looked at Sonya with astonishment. Evidently this question presented itself to her mind for the first time and she did not know how to answer it.

"I don't know what the reasons are. But there must be reasons!"

Sonya sighed and shook her head incredulously.

"If there were reasons..." she began.

But Natasha, guessing her doubts, interrupted her in alarm.

"Sonya, one can't doubt him! One can't, one can't! Don't you understand?" she cried.

"Does he love you?"

"Does he love me?" Natasha repeated with a smile of pity at her friend's lack of comprehension. "Why, you have read his letter and you have seen him."

"But if he is dishonorable?"

"He! dishonorable? If you only knew!" exclaimed Natasha.

"If he is an honorable man he should either declare his intentions or cease seeing you; and if you won't do this, I will. I will write to him, and I will tell Papa!" said Sonya resolutely.

"But I can't live without him!" cried Natasha.

"Natasha, I don't understand you. And what are you saying! Think of your father and of Nicholas."

"I don't want anyone, I don't love anyone but him. How dare you say he is dishonorable? Don't you know that I love him?" screamed Natasha. "Go away, Sonya! I don't want to quarrel with you, but go, for God's sake go! You see how I am suffering!" Natasha cried angrily, in a voice of despair and repressed irritation. Sonya burst into sobs and ran from the room.

Natasha went to the table and without a moment's reflection wrote that answer to Princess Mary which she had been unable to write all the morning. In this letter she said briefly that all their misunderstandings were at an end; that availing herself of the magnanimity of Prince Andrew who when he went abroad had given her her freedom, she begged Princess Mary to forget everything and forgive her if she had been to blame toward her, but that she could not be his wife. At that moment this all seemed quite easy, simple, and clear to Natasha.

On Friday the Rostovs were to return to the country, but on Wednesday the count went with the prospective purchaser to his estate near Moscow.

On the day the count left, Sonya and Natasha were invited to a big dinner party at the Karagins', and Marya Dmitrievna took them there. At that party Natasha again met Anatole, and Sonya noticed that she spoke to him, trying not to be overheard, and that all through dinner she was more agitated than ever. When they got home Natasha was the first to begin the explanation Sonya expected.

"There, Sonya, you were talking all sorts of nonsense about him," Natasha began in a mild voice such as children use when they wish to be praised. "We have had an explanation today."

"Well, what happened? What did he say? Natasha, how glad I am you're not angry with me! Tell me everything--the whole truth. What did he say?"

Natasha became thoughtful.

"Oh, Sonya, if you knew him as I do! He said... He asked me what I had promised Bolkonski. He was glad I was free to refuse him."

Sonya sighed sorrowfully.

"But you haven't refused Bolkonski?" said she.

"Perhaps I have. Perhaps all is over between me and Bolkonski. Why do you think so badly of me?"

"I don't think anything, only I don't understand this..."

"Wait a bit, Sonya, you'll understand everything. You'll see what a man he is! Now don't think badly of me or of him. I don't think badly of anyone: I love and pity everybody. But what am I to do?"

Sonya did not succumb to the tender tone Natasha used toward her. The more emotional and ingratiating the expression of Natasha's face became, the more serious and stern grew Sonya's.

"Natasha," said she, "you asked me not to speak to you, and I haven't spoken, but now you yourself have begun. I don't trust him, Natasha. Why this secrecy?"

"Again, again!" interrupted Natasha.

"Natasha, I am afraid for you!"

"Afraid of what?"

"I am afraid you're going to your ruin," said Sonya resolutely, and was herself horrified at what she had said.

Anger again showed in Natasha's face.

"And I'll go to my ruin, I will, as soon as possible! It's not your business! It won't be you, but I, who'll suffer. Leave me alone, leave me alone! I hate you!"

"Natasha!" moaned Sonya, aghast.

"I hate you, I hate you! You're my enemy forever!" And Natasha ran out of the room.

Natasha did not speak to Sonya again and avoided her. With the same expression of agitated surprise and guilt she went about the house, taking up now one occupation, now another, and at once abandoning them.

Hard as it was for Sonya, she watched her friend and did not let her out of her sight.

The day before the count was to return, Sonya noticed that Natasha sat by the drawingroom window all the morning as if expecting something and that she made a sign to an officer who drove past, whom Sonya took to be Anatole.

Sonya began watching her friend still more attentively and noticed that at dinner and all that evening Natasha was in a strange and unnatural state. She answered questions at random, began sentences she did not finish, and laughed at everything.

After tea Sonya noticed a housemaid at Natasha's door timidly waiting to let her pass. She let the girl go in, and then listening at the door learned that another letter had been delivered.

Then suddenly it became clear to Sonya that Natasha had some dreadful plan for that evening. Sonya knocked at her door. Natasha did not let her in.

"She will run away with him!" thought Sonya. "She is capable of anything. There was something particularly pathetic and resolute in her face today. She cried as she said good-by to Uncle," Sonya remembered. "Yes, that's it, she means to elope with him, but what am I to do?" thought she, recalling all the signs that clearly indicated that Natasha had some terrible intention. "The count is away. What am I to do? Write to Kuragin demanding an explanation? But what is there to oblige him to reply? Write to Pierre, as Prince Andrew asked me to in case of some misfortune?... But perhaps she really has already refused Bolkonski--she sent a letter to Princess Mary yesterday. And Uncle is away...." To tell Marya Dmitrievna who had such faith in Natasha seemed to Sonya terrible. "Well, anyway," thought Sonya as she stood in the dark passage, "now or never I must prove that I remember the family's goodness to me and that I love Nicholas. Yes! If I don't sleep for three nights I'll not leave this passage and will hold her back by force and will and not let the family be disgraced," thought she.

CHAPTER XVI

Anatole had lately moved to Dolokhov's. The plan for Natalie Rostova's abduction had been arranged and the preparations made by Dolokhov a few days before, and on the day that Sonya, after listening at Natasha's door, resolved to safeguard her, it was to have been put into execution. Natasha had promised to come out to Kuragin at the back porch at ten that evening. Kuragin was to put her into a troyka he would have ready and to drive her forty miles to the village of Kamenka, where an unfrocked priest was in readiness to perform a marriage ceremony over them. At Kamenka a relay of horses was to wait which would take them to the Warsaw highroad, and from there they

would hasten abroad with post horses.

Anatole had a passport, an order for post horses, ten thousand rubles he had taken from his sister and another ten thousand borrowed with Dolokhov's help.

Two witnesses for the mock marriage--Khvostikov, a retired petty official whom Dolokhov made use of in his gambling transactions, and Makarin, a retired hussar, a kindly, weak fellow who had an unbounded affection for Kuragin--were sitting at tea in Dolokhov's front room.

In his large study, the walls of which were hung to the ceiling with Persian rugs, bearskins, and weapons, sat Dolokhov in a traveling cloak and high boots, at an open desk on which lay abacus and some bundles of paper money. Anatole, with uniform unbuttoned, walked to and fro from the room where the witnesses were sitting, through the study to the room behind, where his French valet and others were packing the last of his things. Dolokhov was counting the money and noting something down.

"Well," he said, "Khvostikov must have two thousand."

"Give it to him, then," said Anatole.

"Makarka" (their name for Makarin) "will go through fire and water for you for nothing. So here are our accounts all settled," said Dolokhov, showing him the memorandum. "Is that right?"

"Yes, of course," returned Anatole, evidently not listening to Dolokhov and looking straight before him with a smile that did not leave his face.

Dolokhov banged down the or of his and turned to Anatole with an ironic smile:

"Do you know? You'd really better drop it all. There's still time!"

"Fool," retorted Anatole. "Don't talk nonsense! If you only knew... it's the devil knows what!"

"No, really, give it up!" said Dolokhov. "I am speaking seriously. It's no joke, this plot you've hatched."

"What, teasing again? Go to the devil! Eh?" said Anatole, making a grimace. "Really it's no time for your stupid jokes," and he left the room.

Dolokhov smiled contemptuously and condescendingly when Anatole had gone out.

"You wait a bit," he called after him. "I'm not joking, I'm talking sense. Come here, come here!"

Anatole returned and looked at Dolokhov, trying to give him his attention and evidently submitting to him involuntarily.

"Now listen to me. I'm telling you this for the last time. Why should I joke about it? Did I hinder you? Who arranged everything for you? Who found the priest and got the passport? Who raised the money? I did it all."

"Well, thank you for it. Do you think I am not grateful?" And Anatole sighed and embraced Dolokhov.

"I helped you, but all the same I must tell you the truth; it is a dangerous business, and if you think about it--a stupid business. Well, you'll carry her off--all right! Will they let it stop at that? It will come out that you're already married. Why, they'll have you in the criminal court...."

"Oh, nonsense, nonsense!" Anatole ejaculated and again made a grimace. "Didn't I explain to you? What?" And Anatole, with the partiality dull-witted people have for any conclusion they have reached by their own reasoning, repeated the argument he had already put to Dolokhov a hundred times. "Didn't I explain to you that I have come to this conclusion: if this marriage is invalid," he went on, crooking one finger, "then I have nothing to answer for; but if it is valid, no matter! Abroad no one will know anything about it. Isn't that so? And don't talk to me, don't, don't."

"Seriously, you'd better drop it! You'll only get yourself into a mess!"

"Go to the devil!" cried Anatole and, clutching his hair, left the room, but returned at once and dropped into an armchair in front of Dolokhov with his feet turned under him. "It's the very devil! What? Feel how it beats!" He took Dolokhov's hand and put it on his heart. "What a foot, my dear fellow! What a glance! A goddess!" he added in French. "What?"

Dolokhov with a cold smile and a gleam in his handsome insolent eyes looked at him--evidently wishing to get some more amusement out of him.

"Well and when the money's gone, what then?"

"What then? Eh?" repeated Anatole, sincerely perplexed by a thought of the future. "What then?... Then, I don't know.... But why talk nonsense!" He glanced at his watch. "It's time!"

Anatole went into the back room.

"Now then! Nearly ready? You're dawdling!" he shouted to the servants.

Dolokhov put away the money, called a footman whom he ordered to bring something for them to eat and drink before the journey, and went into the room where Khvostikov and Makarin were sitting.

Anatole lay on the sofa in the study leaning on his elbow and smiling pensively, while his handsome lips muttered tenderly to himself.

"Come and eat something. Have a drink!" Dolokhov shouted to him from the other room.

"I don't want to," answered Anatole continuing to smile.

"Come! Balaga is here."

Anatole rose and went into the dining room. Balaga was a famous troyka driver who had known Dolokhov and Anatole some six years and had given them good service with his troykas. More than once when Anatole's regiment was stationed at Tver he had taken him from Tver in the evening, brought him to Moscow by daybreak, and driven him back again the next night. More than once he had enabled Dolokhov to escape when pursued. More than once he had driven them through the town with gypsies and "ladykins" as he called the cocottes. More than once in their service he had run over pedestrians and upset vehicles in the streets of Moscow and had always been protected from the consequences by "my gentlemen" as he called them. He had ruined more than one horse in their service. More than once they had beaten him, and more than once they had made him drunk on champagne and Madeira, which he loved; and he knew more than one thing about each of them which would long ago have sent an ordinary man to Siberia. They often called Balaga into their orgies and made him drink and dance at the gypsies', and more than one thousand rubles of their money had passed through his hands. In their service he risked his skin and his life twenty times a year, and in their service had lost more horses than the money he had from them would buy. But he liked them; liked that mad driving at twelve miles an hour, liked upsetting a driver or running down a pedestrian, and flying at full gallop through the Moscow streets. He liked to hear those wild, tipsy shouts behind

him: "Get on! Get on!" when it was impossible to go any faster. He liked giving a painful lash on the neck to some peasant who, more dead than alive, was already hurrying out of his way. "Real gentlemen!" he considered them.

Anatole and Dolokhov liked Balaga too for his masterly driving and because he liked the things they liked. With others Balaga bargained, charging twenty-five rubles for a two hours' drive, and rarely drove himself, generally letting his young men do so. But with "his gentlemen" he always drove himself and never demanded anything for his work. Only a couple of times a year--when he knew from their valets that they had money in hand--he would turn up of a morning quite sober and with a deep bow would ask them to help him. The gentlemen always made him sit down.

"Do help me out, Theodore Ivanych, sir," or "your excellency," he would say. "I am quite out of horses. Let me have what you can to go to the fair."

And Anatole and Dolokhov, when they had money, would give him a thousand or a couple of thousand rubles.

Balaga was a fair-haired, short, and snub-nosed peasant of about twenty-seven; red-faced, with a particularly red thick neck, glittering little eyes, and a small beard. He wore a fine, dark-blue, silk-lined cloth coat over a sheepskin.

On entering the room now he crossed himself, turning toward the front corner of the room, and went up to Dolokhov, holding out a small, black hand.

"Theodore Ivanych!" he said, bowing.

"How d'you do, friend? Well, here he is!"

"Good day, your excellency!" he said, again holding out his hand to Anatole who had just come in.

"I say, Balaga," said Anatole, putting his hands on the man's shoulders, "do you care for me or not? Eh? Now, do me a service.... What horses have you come with? Eh?"

"As your messenger ordered, your special beasts," replied Balaga.

"Well, listen, Balaga! Drive all three to death but get me there in three hours. Eh?"

"When they are dead, what shall I drive?" said Balaga with a wink.

"Mind, I'll smash your face in! Don't make jokes!" cried Anatole, suddenly rolling his eyes.

"Why joke?" said the driver, laughing. "As if I'd grudge my gentlemen anything! As fast as ever the horses can gallop, so fast we'll go!"

"Ah!" said Anatole. "Well, sit down."

"Yes, sit down!" said Dolokhov.

"I'll stand, Theodore Ivanych."

"Sit down; nonsense! Have a drink!" said Anatole, and filled a large glass of Madeira for him.

The driver's eyes sparkled at the sight of the wine. After refusing it for manners' sake, he drank it and wiped his mouth with a red silk handkerchief he took out of his cap.

"And when are we to start, your excellency?"

"Well..." Anatole looked at his watch. "We'll start at once. Mind, Balaga! You'll get there in time? Eh?"

"That depends on our luck in starting, else why shouldn't we be there in time?" replied Balaga. "Didn't we get you to Tver in seven hours? I think you remember that, your excellency?"

"Do you know, one Christmas I drove from Tver," said Anatole, smilingly at the recollection and turning to Makarin who gazed rapturously at him with wide-open eyes. "Will you believe it, Makarka, it took one's breath away, the rate we flew. We came across a train of loaded sleighs and drove right over two of them. Eh?"

"Those were horses!" Balaga continued the tale. "That time I'd harnessed two young side horses with the bay in the shafts," he went on, turning to Dolokhov. "Will you believe it, Theodore Ivanych, those animals flew forty miles? I couldn't hold them in, my hands grew numb in the sharp frost so that I threw down the reins--'Catch hold yourself, your excellency!' says I, and I just tumbled on the bottom of the sleigh and sprawled there. It wasn't a case of urging them on, there was no holding them in till we reached the place. The devils took us there in three hours! Only the near one died of it."

CHAPTER XVII

Anatole went out of the room and returned a few minutes later wearing a fur coat girt with a silver belt, and a sable cap jauntily set on one side and very becoming to his handsome face. Having looked in a mirror, and standing before Dolokhov in the same pose he had assumed before it, he lifted a glass of wine.

"Well, good-by, Theodore. Thank you for everything and farewell!" said Anatole. "Well, comrades and friends..." he considered for a moment "...of my youth, farewell!" he said, turning to Makarin and the others.

Though they were all going with him, Anatole evidently wished to make something touching and solemn out of this address to his comrades. He spoke slowly in a loud voice and throwing out his chest slightly swayed one leg.

"All take glasses; you too, Balaga. Well, comrades and friends of my youth, we've had our fling and lived and reveled. Eh? And now, when shall we meet again? I am going abroad. We have had a good time--now farewell, lads! To our health! Hurrah!..." he cried, and emptying his glass flung it on the floor.

"To your health!" said Balaga who also emptied his glass, and wiped his mouth with his handkerchief.

Makarin embraced Anatole with tears in his eyes.

"Ah, Prince, how sorry I am to part from you!"

"Let's go. Let's go!" cried Anatole.

Balaga was about to leave the room.

"No, stop!" said Anatole. "Shut the door; we have first to sit down. That's the way."

They shut the door and all sat down.

"Now, quick march, lads!" said Anatole, rising.

Joseph, his valet, handed him his sabretache and saber, and they all went out into the vestibule.

"And where's the fur cloak?" asked Dolokhov. "Hey, Ignatka! Go to Matrena Matrevna and ask her for the sable cloak. I have heard what elopements are like," continued Dolokhov with a wink. "Why, she'll rush out more dead than alive just in the things she is wearing; if you delay at all there'll be tears and 'Papa' and 'Mamma,' and she's frozen in a minute and must go back--but you wrap the fur cloak round her first thing and carry her to the sleigh."

The valet brought a woman's fox-lined cloak.

"Fool, I told you the sable one! Hey, Matrena, the sable!" he shouted so that his voice rang far through the rooms.

A handsome, slim, and pale-faced gypsy girl with glittering black eyes and curly blue-black hair, wearing a red shawl, ran out with a sable mantle on her arm.

"Here, I don't grudge it--take it!" she said, evidently afraid of her master and yet regretful of her cloak.

Dolokhov, without answering, took the cloak, threw it over Matrena, and wrapped her up in it.

"That's the way," said Dolokhov, "and then so!" and he turned the collar up round her head, leaving only a little of the face uncovered. "And then so, do you see?" and he pushed Anatole's head forward to meet the gap left by the collar, through which Matrena's brilliant smile was seen.

"Well, good-by, Matrena," said Anatole, kissing her. "Ah, my revels here are over. Remember me to Steshka. There, good-by! Good-by, Matrena, wish me luck!"

"Well, Prince, may God give you great luck!" said Matrena in her gypsy accent.

Two troykas were standing before the porch and two young drivers were holding the horses. Balaga took his seat in the front one and holding his elbows high arranged the reins deliberately. Anatole and Dolokhov got in with him. Makarin, Khvostikov, and a valet seated themselves in the other sleigh.

"Well, are you ready?" asked Balaga.

"Go!" he cried, twisting the reins round his hands, and the troyka tore down the Nikitski Boulevard.

"Tproo! Get out of the way! Hi!... Tproo!..." The shouting of Balaga

and of the sturdy young fellow seated on the box was all that could be heard. On the Arbat Square the troyka caught against a carriage; something cracked, shouts were heard, and the troyka flew along the Arbat Street.

After taking a turn along the Podnovinski Boulevard, Balaga began to rein in, and turning back drew up at the crossing of the old Konyusheny Street.

The young fellow on the box jumped down to hold the horses and Anatole and Dolokhov went along the pavement. When they reached the gate Dolokhov whistled. The whistle was answered, and a maidservant ran out.

"Come into the courtyard or you'll be seen; she'll come out directly," said she.

Dolokhov stayed by the gate. Anatole followed the maid into the courtyard, turned the corner, and ran up into the porch.

He was met by Gabriel, Marya Dmitrievna's gigantic footman.

"Come to the mistress, please," said the footman in his deep bass, intercepting any retreat.

"To what Mistress? Who are you?" asked Anatole in a breathless whisper.

"Kindly step in, my orders are to bring you in."

"Kuragin! Come back!" shouted Dolokhov. "Betrayed! Back!"

Dolokhov, after Anatole entered, had remained at the wicket gate and was struggling with the yard porter who was trying to lock it. With a last desperate effort Dolokhov pushed the porter aside, and when Anatole ran back seized him by the arm, pulled him through the wicket, and ran back with him to the troyka.

CHAPTER XVIII

Marya Dmitrievna, having found Sonya weeping in the corridor, made her confess everything, and intercepting the note to Natasha she read it and went into Natasha's room with it in her hand.

"You shameless good-for-nothing!" said she. "I won't hear a word."

Pushing back Natasha who looked at her with astonished but tearless eyes, she locked her in; and having given orders to the yard porter to admit the persons who would be coming that evening, but not to let them out again, and having told the footman to bring them up to her, she seated herself in the drawing room to await the abductors.

When Gabriel came to inform her that the men who had come had run away again, she rose frowning, and clasping her hands behind her paced through the rooms a long time considering what she should do. Toward midnight she went to Natasha's room fingering the key in her pocket. Sonya was sitting sobbing in the corridor. "Marya Dmitrievna, for God's sake let me in to her!" she pleaded, but Marya Dmitrievna unlocked the door and went in without giving her an answer.... "Disgusting, abominable... In my house... horrid girl, hussy! I'm only sorry for her father!" thought she, trying to restrain her wrath. "Hard as it may be, I'll tell them all to hold their tongues and will hide it from the count." She entered the room with resolute steps. Natasha lying on the sofa, her head hidden in her hands, and she did not stir. She was in just the same position in which Marya Dmitrievna had left her.

"A nice girl! Very nice!" said Marya Dmitrievna. "Arranging meetings with lovers in my house! It's no use pretending: you listen when I speak to you!" And Marya Dmitrievna touched her arm. "Listen when when I speak! You've disgraced yourself like the lowest of hussies. I'd treat you differently, but I'm sorry for your father, so I will conceal it."

Natasha did not change her position, but her whole body heaved with noiseless, convulsive sobs which choked her. Marya Dmitrievna glanced round at Sonya and seated herself on the sofa beside Natasha.

"It's lucky for him that he escaped me; but I'll find him!" she said in her rough voice. "Do you hear what I am saying or not?" she added.

She put her large hand under Natasha's face and turned it toward her. Both Marya Dmitrievna and Sonya were amazed when they saw how Natasha looked. Her eyes were dry and glistening, her lips compressed, her cheeks sunken.

"Let me be!... What is it to me?... I shall die!" she muttered, wrenching herself from Marya Dmitrievna's hands with a vicious effort and sinking down again into her former position.

"Natalie!" said Marya Dmitrievna. "I wish for your good. Lie still, stay like that then, I won't touch you. But listen. I won't tell you how guilty you are. You know that yourself. But when your father comes back tomorrow what am I to tell him? Eh?"

Again Natasha's body shook with sobs.

"Suppose he finds out, and your brother, and your betrothed?"

"I have no betrothed: I have refused him!" cried Natasha.

"That's all the same," continued Dmitrievna. "If they hear of this, will they let it pass? He, your father, I know him... if he challenges him to a duel will that be all right? Eh?"

"Oh, let me be! Why have you interfered at all? Why? Why? Who asked you to?" shouted Natasha, raising herself on the sofa and looking malignantly at Marya Dmitrievna.

"But what did you want?" cried Marya Dmitrievna, growing angry again. "Were you kept under lock and key? Who hindered his coming to the house? Why carry you off as if you were some gypsy singing girl?... Well, if he had carried you off... do you think they wouldn't have found him? Your father, or brother, or your betrothed? And he's a scoundrel, a wretch--that's a fact!"

"He is better than any of you!" exclaimed Natasha getting up. "If you hadn't interfered... Oh, my God! What is it all? What is it? Sonya, why?... Go away!"

And she burst into sobs with the despairing vehemence with which people bewail disasters they feel they have themselves occasioned. Marya Dmitrievna was to speak again but Natasha cried out:

"Go away! Go away! You all hate and despise me!" and she threw herself back on the sofa.

Marya Dmitrievna went on admonishing her for some time, enjoining on her that it must all be kept from her father and assuring her that nobody would know anything about it if only Natasha herself would undertake to forget it all and not let anyone see that something had happened. Natasha did not reply, nor did she sob any longer, but she grew cold and had a shivering fit. Marya Dmitrievna put a pillow under her head, covered her with two quilts, and herself brought her some lime-flower water, but Natasha did not respond to her.

"Well, let her sleep," said Marya Dmitrievna as she went of the room supposing Natasha to be asleep.

But Natasha was not asleep; with pale face and fixed wide-open eyes she looked straight before her. All that night she did not sleep or weep and did not speak to Sonya who got up and went to her several times.

Next day Count Rostov returned from his estate near Moscow in time for lunch as he had promised. He was in very good spirits; the affair with the purchaser was going on satisfactorily, and there was nothing to keep him any longer in Moscow, away from the countess whom he missed. Marya Dmitrievna met him and told him that Natasha had been very unwell the day before and that they had sent for the doctor, but that she was better now. Natasha had not left her room that morning. With compressed and parched lips and dry fixed eyes, she sat at the window, uneasily watching the people who drove past and hurriedly glancing round at anyone who entered the room. She was evidently expecting news of him and that he would come or would write to her.

When the count came to see her she turned anxiously round at the sound of a man's footstep, and then her face resumed its cold and malevolent expression. She did not even get up to greet him. "What is the matter with you, my angel? Are you ill?" asked the count.

After a moment's silence Natasha answered: "Yes, ill."

In reply to the count's anxious inquiries as to why she was so dejected and whether anything had happened to her betrothed, she assured him that nothing had happened and asked him not to worry. Marya Dmitrievna confirmed Natasha's assurances that nothing had happened. From the pretense of illness, from his daughter's distress, and by the embarrassed faces of Sonya and Marya Dmitrievna, the count saw clearly that something had gone wrong during his absence, but it was so terrible for him to think that anything disgraceful had happened to his beloved daughter, and he so prized his own cheerful tranquillity, that he avoided inquiries and tried to assure himself that nothing particularly had happened; and he was only dissatisfied that her indisposition delayed their return to the country.

CHAPTER XIX

From the day his wife arrived in Moscow Pierre had been intending to

go away somewhere, so as not to be near her. Soon after the Rostovs came to Moscow the effect Natasha had on him made him hasten to carry out his intention. He went to Tver to see Joseph Alexeevich's widow, who had long since promised to hand over to him some papers of her deceased husband's.

When he returned to Moscow Pierre was handed a letter from Marya Dmitrievna asking him to come and see her on a matter of great importance relating to Andrew Bolkonski and his betrothed. Pierre had been avoiding Natasha because it seemed to him that his feeling for her was stronger than a married man's should be for his friend's fiancée. Yet some fate constantly threw them together.

"What can have happened? And what can they want with me?" thought he as he dressed to go to Marya Dmitrievna's. "If only Prince Andrew would hurry up and come and marry her!" thought he on his way to the house.

On the Tverskoy Boulevard a familiar voice called to him.

"Pierre! Been back long?" someone shouted. Pierre raised his head. In a sleigh drawn by two gray trotting-horses that were bespattering the dashboard with snow, Anatole and his constant companion Makarin dashed past. Anatole was sitting upright in the classic pose of military dandies, the lower part of his face hidden by his beaver collar and his head slightly bent. His face was fresh and rosy, his white-plumed hat, tilted to one side, disclosed his curled and pomaded hair besprinkled with powdery snow.

"Yes, indeed, that's a true sage," thought Pierre. "He sees nothing beyond the pleasure of the moment, nothing troubles him and so he is always cheerful, satisfied, and serene. What wouldn't I give to be like him!" he thought enviously.

In Marya Dmitrievna's anteroom the footman who helped him off with his fur coat said that the mistress asked him to come to her bedroom.

When he opened the ballroom door Pierre saw Natasha sitting at the window, with a thin, pale, and spiteful face. She glanced round at him, frowned, and left the room with an expression of cold dignity.

"What has happened?" asked Pierre, entering Marya Dmitrievna's room.

"Fine doings!" answered Dmitrievna. "For fifty-eight years have I lived in this world and never known anything so disgraceful!"

And having put him on his honor not to repeat anything she told him, Marya Dmitrievna informed him that Natasha had refused Prince Andrew

without her parents' knowledge and that the cause of this was Anatole Kuragin into whose society Pierre's wife had thrown her and with whom Natasha had tried to elope during her father's absence, in order to be married secretly.

Pierre raised his shoulders and listened open-mouthed to what was told him, scarcely able to believe his own ears. That Prince Andrew's deeply loved affianced wife--the same Natasha Rostova who used to be so charming--should give up Bolkonski for that fool Anatole who was already secretly married (as Pierre knew), and should be so in love with him as to agree to run away with him, was something Pierre could not conceive and could not imagine.

He could not reconcile the charming impression he had of Natasha, whom he had known from a child, with this new conception of her baseness, folly, and cruelty. He thought of his wife. "They are all alike!" he said to himself, reflecting that he was not the only man unfortunate enough to be tied to a bad woman. But still he pitied Prince Andrew to the point of tears and sympathized with his wounded pride, and the more he pitied his friend the more did he think with contempt and even with disgust of that Natasha who had just passed him in the ballroom with such a look of cold dignity. He did not know that Natasha's soul was overflowing with despair, shame, and humiliation, and that it was not her fault that her face happened to assume an expression of calm dignity and severity.

"But how get married?" said Pierre, in answer to Marya Dmitrievna. "He could not marry--he is married!"

"Things get worse from hour to hour!" ejaculated Marya Dmitrievna. "A nice youth! What a scoundrel! And she's expecting him--expecting him since yesterday. She must be told! Then at least she won't go on expecting him."

After hearing the details of Anatole's marriage from Pierre, and giving vent to her anger against Anatole in words of abuse, Marya Dmitrievna told Pierre why she had sent for him. She was afraid that the count or Bolkonski, who might arrive at any moment, if they knew of this affair (which she hoped to hide from them) might challenge Anatole to a duel, and she therefore asked Pierre to tell his brother-in-law in her name to leave Moscow and not dare to let her set eyes on him again. Pierre--only now realizing the danger to the old count, Nicholas, and Prince Andrew--promised to do as she wished. Having briefly and exactly explained her wishes to him, she let him go to the drawing room.

"Mind, the count knows nothing. Behave as if you know nothing either," she said. "And I will go and tell her it is no use

expecting him! And stay to dinner if you care to!" she called after Pierre.

Pierre met the old count, who seemed nervous and upset. That morning Natasha had told him that she had rejected Bolkonski.

"Troubles, troubles, my dear fellow!" he said to Pierre. "What troubles one has with these girls without their mother! I do so regret having come here.... I will be frank with you. Have you heard she has broken off her engagement without consulting anybody? It's true this engagement never was much to my liking. Of course he is an excellent man, but still, with his father's disapproval they wouldn't have been happy, and Natasha won't lack suitors. Still, it has been going on so long, and to take such a step without father's or mother's consent! And now she's ill, and God knows what! It's hard, Count, hard to manage daughters in their mother's absence...."

Pierre saw that the count was much upset and tried to change the subject, but the count returned to his troubles.

Sonya entered the room with an agitated face.

"Natasha is not quite well; she's in her room and would like to see you. Marya Dmitrievna is with her and she too asks you to come."

"Yes, you are a great friend of Bolkonski's, no doubt she wants to send him a message," said the count. "Oh dear! Oh dear! How happy it all was!"

And clutching the spare gray locks on his temples the count left the room.

When Marya Dmitrievna told Natasha that Anatole was married, Natasha did not wish to believe it and insisted on having it confirmed by Pierre himself. Sonya told Pierre this as she led him along the corridor to Natasha's room.

Natasha, pale and stern, was sitting beside Marya Dmitrievna, and her eyes, glittering feverishly, met Pierre with a questioning look the moment he entered. She did not smile or nod, but only gazed fixedly at him, and her look asked only one thing: was he a friend, or like the others an enemy in regard to Anatole? As for Pierre, he evidently did not exist for her.

"He knows all about it," said Marya Dmitrievna pointing to Pierre and addressing Natasha. "Let him tell you whether I have told the truth."

Natasha looked from one to the other as a hunted and wounded animal looks at the approaching dogs and sportsmen.

"Natalya Ilynichna," Pierre began, dropping his eyes with a feeling of pity for her and loathing for the thing he had to do, "whether it is true or not should make no difference to you, because..."

"Then it is not true that he's married!"

"Yes, it is true."

"Has he been married long?" she asked. "On your honor?..."

Pierre gave his word of honor.

"Is he still here?" she asked, quickly.

"Yes, I have just seen him."

She was evidently unable to speak and made a sign with her hands that they should leave her alone.

CHAPTER XX

Pierre did not stay for dinner, but left the room and went away at once. He drove through the town seeking Anatole Kuragin, at the thought of whom now the blood rushed to his heart and he felt a difficulty in breathing. He was not at the ice hills, nor at the gypsies', nor at Komoneno's. Pierre drove to the Club. In the Club all was going on as usual. The members who were assembling for dinner were sitting about in groups; they greeted Pierre and spoke of the town news. The footman having greeted him, knowing his habits and his acquaintances, told him there was a place left for him in the small dining room and that Prince Michael Zakharych was in the library, but Paul Timofeevich had not yet arrived. One of Pierre's acquaintances, while they were talking about the weather, asked if he had heard of Kuragin's abduction of Rostova which was talked of in the town, and was it true? Pierre laughed and said it was nonsense for he had just come from the Rostovs'. He asked everyone about Anatole. One man told him he had not come yet, and another that he was coming to dinner. Pierre felt it strange to see this calm, indifferent crowd of people unaware of what was going on in his

soul. He paced through the ballroom, waited till everyone had come, and as Anatole had not turned up did not stay for dinner but drove home.

Anatole, for whom Pierre was looking, dined that day with Dolokhov, consulting him as to how to remedy this unfortunate affair. It seemed to him essential to see Natasha. In the evening he drove to his sister's to discuss with her how to arrange a meeting. When Pierre returned home after vainly hunting all over Moscow, his valet informed him that Prince Anatole was with the countess. The countess' drawing room was full of guests.

Pierre without greeting his wife whom he had not seen since his return--at that moment she was more repulsive to him than ever--entered the drawing room and seeing Anatole went up to him.

"Ah, Pierre," said the countess going up to her husband. "You don't know what a plight our Anatole..."

She stopped, seeing in the forward thrust of her husband's head, in his glowing eyes and his resolute gait, the terrible indications of that rage and strength which she knew and had herself experienced after his duel with Dolokhov.

"Where you are, there is vice and evil!" said Pierre to his wife. "Anatole, come with me! I must speak to you," he added in French.

Anatole glanced round at his sister and rose submissively, ready to follow Pierre. Pierre, taking him by the arm, pulled him toward himself and was leading him from the room.

"If you allow yourself in my drawing room..." whispered Helene, but Pierre did not reply and went out of the room.

Anatole followed him with his usual jaunty step but his face betrayed anxiety.

Having entered his study Pierre closed the door and addressed Anatole without looking at him.

"You promised Countess Rostova to marry her and were about to elope with her, is that so?"

"Mon cher," answered Anatole (their whole conversation was in French), "I don't consider myself bound to answer questions put to me in that tone."

Pierre's face, already pale, became distorted by fury. He seized

Anatole by the collar of his uniform with his big hand and shook him from side to side till Anatole's face showed a sufficient degree of terror.

"When I tell you that I must talk to you!..." repeated Pierre.

"Come now, this is stupid. What?" said Anatole, fingering a button of his collar that had been wrenched loose with a bit of the cloth.

"You're a scoundrel and a blackguard, and I don't know what deprives me from the pleasure of smashing your head with this!" said Pierre, expressing himself so artificially because he was talking French.

He took a heavy paperweight and lifted it threateningly, but at once put it back in its place.

"Did you promise to marry her?"

"I... I didn't think of it. I never promised, because..."

Pierre interrupted him.

"Have you any letters of hers? Any letters?" he said, moving toward Anatole.

Anatole glanced at him and immediately thrust his hand into his pocket and drew out his pocketbook.

Pierre took the letter Anatole handed him and, pushing aside a table that stood in his way, threw himself on the sofa.

"I shan't be violent, don't be afraid!" said Pierre in answer to a frightened gesture of Anatole's. "First, the letters," said he, as if repeating a lesson to himself. "Secondly," he continued after a short pause, again rising and again pacing the room, "tomorrow you must get out of Moscow."

"But how can I?..."

"Thirdly," Pierre continued without listening to him, "you must never breathe a word of what has passed between you and Countess Rostova. I know I can't prevent your doing so, but if you have a spark of conscience..." Pierre paced the room several times in silence.

Anatole sat at a table frowning and biting his lips.

"After all, you must understand that besides your pleasure there is such a thing as other people's happiness and peace, and that you

are ruining a whole life for the sake of amusing yourself! Amuse yourself with women like my wife--with them you are within your rights, for they know what you want of them. They are armed against you by the same experience of debauchery; but to promise a maid to marry her... to deceive, to kidnap.... Don't you understand that it is as mean as beating an old man or a child?..."

Pierre paused and looked at Anatole no longer with an angry but with a questioning look.

"I don't know about that, eh?" said Anatole, growing more confident as Pierre mastered his wrath. "I don't know that and don't want to," he said, not looking at Pierre and with a slight tremor of his lower jaw, "but you have used such words to me--'mean' and so on--which as a man of honor I can't allow anyone to use."

Pierre glanced at him with amazement, unable to understand what he wanted.

"Though it was tete-a-tete," Anatole continued, "still I can't..."

"Is it satisfaction you want?" said Pierre ironically.

"You could at least take back your words. What? If you want me to do as you wish, eh?"

"I take them back, I take them back!" said Pierre, "and I ask you to forgive me." Pierre involuntarily glanced at the loose button. "And if you require money for your journey..."

Anatole smiled. The expression of that base and cringing smile, which Pierre knew so well in his wife, revolted him.

"Oh, vile and heartless brood!" he exclaimed, and left the room.

Next day Anatole left for Petersburg.

CHAPTER XXI

Pierre drove to Marya Dmitrievna's to tell her of the fulfillment of her wish that Kuragin should be banished from Moscow. The whole house was in a state of alarm and commotion. Natasha was very ill, having, as Marya Dmitrievna told him in secret, poisoned herself the

night after she had been told that Anatole was married, with some arsenic she had stealthily procured. After swallowing a little she had been so frightened that she woke Sonya and told her what she had done. The necessary antidotes had been administered in time and she was now out of danger, though still so weak that it was out of the question to move her to the country, and so the countess had been sent for. Pierre saw the distracted count, and Sonya, who had a tear-stained face, but he could not see Natasha.

Pierre dined at the club that day and heard on all sides gossip about the attempted abduction of Rostova. He resolutely denied these rumors, assuring everyone that nothing had happened except that his brother-in-law had proposed to her and been refused. It seemed to Pierre that it was his duty to conceal the whole affair and re-establish Natasha's reputation.

He was awaiting Prince Andrew's return with dread and went every day to the old prince's for news of him.

Old Prince Bolkonski heard all the rumors current in the town from Mademoiselle Bourienne and had read the note to Princess Mary in which Natasha had broken off her engagement. He seemed in better spirits than usual and awaited his son with great impatience.

Some days after Anatole's departure Pierre received a note from Prince Andrew, informing him of his arrival and asking him to come to see him.

As soon as he reached Moscow, Prince Andrew had received from his father Natasha's note to Princess Mary breaking off her engagement (Mademoiselle Bourienne had purloined it from Princess Mary and given it to the old prince), and he heard from him the story of Natasha's elopement, with additions.

Prince Andrew had arrived in the evening and Pierre came to see him next morning. Pierre expected to find Prince Andrew in almost the same state as Natasha and was therefore surprised on entering the drawing room to hear him in the study talking in a loud animated voice about some intrigue going on in Petersburg. The old prince's voice and another now and then interrupted him. Princess Mary came out to meet Pierre. She sighed, looking toward the door of the room where Prince Andrew was, evidently intending to express her sympathy with his sorrow, but Pierre saw by her face that she was glad both at what had happened and at the way her brother had taken the news of Natasha's faithlessness.

"He says he expected it," she remarked. "I know his pride will not let him express his feelings, but still he has taken it better, far

better, than I expected. Evidently it had to be...."

"But is it possible that all is really ended?" asked Pierre.

Princess Mary looked at him with astonishment. She did not understand how he could ask such a question. Pierre went into the study. Prince Andrew, greatly changed and plainly in better health, but with a fresh horizontal wrinkle between his brows, stood in civilian dress facing his father and Prince Meshcherski, warmly disputing and vigorously gesticulating. The conversation was about Speranski--the news of whose sudden exile and alleged treachery had just reached Moscow.

"Now he is censured and accused by all who were enthusiastic about him a month ago," Prince Andrew was saying, "and by those who were unable to understand his aims. To judge a man who is in disfavor and to throw on him all the blame of other men's mistakes is very easy, but I maintain that if anything good has been accomplished in this reign it was done by him, by him alone."

He paused at the sight of Pierre. His face quivered and immediately assumed a vindictive expression.

"Posterity will do him justice," he concluded, and at once turned to Pierre.

"Well, how are you? Still getting stouter?" he said with animation, but the new wrinkle on his forehead deepened. "Yes, I am well," he said in answer to Pierre's question, and smiled.

To Pierre that smile said plainly: "I am well, but my health is now of no use to anyone."

After a few words to Pierre about the awful roads from the Polish frontier, about people he had met in Switzerland who knew Pierre, and about M. Dessalles, whom he had brought from abroad to be his son's tutor, Prince Andrew again joined warmly in the conversation about Speranski which was still going on between the two old men.

"If there were treason, or proofs of secret relations with Napoleon, they would have been made public," he said with warmth and haste. "I do not, and never did, like Speranski personally, but I like justice!"

Pierre now recognized in his friend a need with which he was only too familiar, to get excited and to have arguments about extraneous matters in order to stifle thoughts that were too oppressive and too intimate. When Prince Meshcherski had left, Prince Andrew took Pierre's arm and asked him into the room that had been assigned him. A

bed had been made up there, and some open portmanteaus and trunks stood about. Prince Andrew went to one and took out a small casket, from which he drew a packet wrapped in paper. He did it all silently and very quickly. He stood up and coughed. His face was gloomy and his lips compressed.

"Forgive me for troubling you..."

Pierre saw that Prince Andrew was going to speak of Natasha, and his broad face expressed pity and sympathy. This expression irritated Prince Andrew, and in a determined, ringing, and unpleasant tone he continued:

"I have received a refusal from Countess Rostova and have heard reports of your brother-in-law having sought her hand, or something of that kind. Is that true?"

"Both true and untrue," Pierre began; but Prince Andrew interrupted him.

"Here are her letters and her portrait," said he.

He took the packet from the table and handed it to Pierre.

"Give this to the countess... if you see her."

"She is very ill," said Pierre.

"Then she is here still?" said Prince Andrew. "And Prince Kuragin?" he added quickly.

"He left long ago. She has been at death's door."

"I much regret her illness," said Prince Andrew; and he smiled like his father, coldly, maliciously, and unpleasantly.

"So Monsieur Kuragin has not honored Countess Rostova with his hand?" said Prince Andrew, and he snorted several times.

"He could not marry, for he was married already," said Pierre.

Prince Andrew laughed disagreeably, again reminding one of his father.

"And where is your brother-in-law now, if I may ask?" he said.

"He has gone to Peters... But I don't know," said Pierre.

"Well, it doesn't matter," said Prince Andrew. "Tell Countess Rostova that she was and is perfectly free and that I wish her all that is good."

Pierre took the packet. Prince Andrew, as if trying to remember whether he had something more to say, or waiting to see if Pierre would say anything, looked fixedly at him.

"I say, do you remember our discussion in Petersburg?" asked Pierre, "about..."

"Yes," returned Prince Andrew hastily. "I said that a fallen woman should be forgiven, but I didn't say I could forgive her. I can't."

"But can this be compared...?" said Pierre.

Prince Andrew interrupted him and cried sharply: "Yes, ask her hand again, be magnanimous, and so on?... Yes, that would be very noble, but I am unable to follow in that gentleman's footsteps. If you wish to be my friend never speak to me of that... of all that! Well, good-by. So you'll give her the packet?"

Pierre left the room and went to the old prince and Princess Mary.

The old man seemed livelier than usual. Princess Mary was the same as always, but beneath her sympathy for her brother, Pierre noticed her satisfaction that the engagement had been broken off. Looking at them Pierre realized what contempt and animosity they all felt for the Rostovs, and that it was impossible in their presence even to mention the name of her who could give up Prince Andrew for anyone else.

At dinner the talk turned on the war, the approach of which was becoming evident. Prince Andrew talked incessantly, arguing now with his father, now with the Swiss tutor Dessalles, and showing an unnatural animation, the cause of which Pierre so well understood.

CHAPTER XXII

That same evening Pierre went to the Rostovs' to fulfill the commission entrusted to him. Natasha was in bed, the count at the Club, and Pierre, after giving the letters to Sonya, went to Marya Dmitrievna who was interested to know how Prince Andrew had taken

the news. Ten minutes later Sonya came to Marya Dmitrievna.

"Natasha insists on seeing Count Peter Kirilovich," said she.

"But how? Are we to take him up to her? The room there has not been tidied up."

"No, she has dressed and gone into the drawing room," said Sonya.

Marya Dmitrievna only shrugged her shoulders.

"When will her mother come? She has worried me to death! Now mind, don't tell her everything!" said she to Pierre. "One hasn't the heart to scold her, she is so much to be pitied, so much to be pitied."

Natasha was standing in the middle of the drawing room, emaciated, with a pale set face, but not at all shamefaced as Pierre expected to find her. When he appeared at the door she grew flurried, evidently undecided whether to go to meet him or to wait till he came up.

Pierre hastened to her. He thought she would give him her hand as usual; but she, stepping up to him, stopped, breathing heavily, her arms hanging lifelessly just in the pose she used to stand in when she went to the middle of the ballroom to sing, but with quite a different expression of face.

"Peter Kirilovich," she began rapidly, "Prince Bolkonski was your friend--is your friend," she corrected herself. (It seemed to her that everything that had once been must now be different.) "He told me once to apply to you..."

Pierre sniffed as he looked at her, but did not speak. Till then he had reproached her in his heart and tried to despise her, but he now felt so sorry for her that there was no room in his soul for reproach.

"He is here now: tell him... to for... forgive me!" She stopped and breathed still more quickly, but did not shed tears.

"Yes... I will tell him," answered Pierre; "but..."

He did not know what to say.

Natasha was evidently dismayed at the thought of what he might think she had meant.

"No, I know all is over," she said hurriedly. "No, that can never

be. I'm only tormented by the wrong I have done him. Tell him only that I beg him to forgive, forgive, forgive me for everything...."

She trembled all over and sat down on a chair.

A sense of pity he had never before known overflowed Pierre's heart.

"I will tell him, I will tell him everything once more," said Pierre. "But... I should like to know one thing...."

"Know what?" Natasha's eyes asked.

"I should like to know, did you love..." Pierre did not know how to refer to Anatole and flushed at the thought of him--"did you love that bad man?"

"Don't call him bad!" said Natasha. "But I don't know, don't know at all...."

She began to cry and a still greater sense of pity, tenderness, and love welled up in Pierre. He felt the tears trickle under his spectacles and hoped they would not be noticed.

"We won't speak of it any more, my dear," said Pierre, and his gentle, cordial tone suddenly seemed very strange to Natasha.

"We won't speak of it, my dear--I'll tell him everything; but one thing I beg of you, consider me your friend and if you want help, advice, or simply to open your heart to someone--not now, but when your mind is clearer think of me!" He took her hand and kissed it. "I shall be happy if it's in my power..."

Pierre grew confused.

"Don't speak to me like that. I am not worth it!" exclaimed Natasha and turned to leave the room, but Pierre held her hand.

He knew he had something more to say to her. But when he said it he was amazed at his own words.

"Stop, stop! You have your whole life before you," said he to her.

"Before me? No! All is over for me," she replied with shame and self-abasement.

"All over?" he repeated. "If I were not myself, but the handsomest, cleverest, and best man in the world, and were free, I would this moment ask on my knees for your hand and your love!"

For the first time for many days Natasha wept tears of gratitude and tenderness, and glancing at Pierre she went out of the room.

Pierre too when she had gone almost ran into the anteroom, restraining tears of tenderness and joy that choked him, and without finding the sleeves of his fur cloak threw it on and got into his sleigh.

"Where to now, your excellency?" asked the coachman.

"Where to?" Pierre asked himself. "Where can I go now? Surely not to the Club or to pay calls?" All men seemed so pitiful, so poor, in comparison with this feeling of tenderness and love he experienced: in comparison with that softened, grateful, last look she had given him through her tears.

"Home!" said Pierre, and despite twenty-two degrees of frost Fahrenheit he threw open the bearskin cloak from his broad chest and inhaled the air with joy.

It was clear and frosty. Above the dirty, ill-lit streets, above the black roofs, stretched the dark starry sky. Only looking up at the sky did Pierre cease to feel how sordid and humiliating were all mundane things compared with the heights to which his soul had just been raised. At the entrance to the Arbat Square an immense expanse of dark starry sky presented itself to his eyes. Almost in the center of it, above the Prechistenka Boulevard, surrounded and sprinkled on all sides by stars but distinguished from them all by its nearness to the earth, its white light, and its long uplifted tail, shone the enormous and brilliant comet of 1812--the comet which was said to portend all kinds of woes and the end of the world. In Pierre, however, that comet with its long luminous tail aroused no feeling of fear. On the contrary he gazed joyfully, his eyes moist with tears, at this bright comet which, having traveled in its orbit with inconceivable velocity through immeasurable space, seemed suddenly--like an arrow piercing the earth--to remain fixed in a chosen spot, vigorously holding its tail erect, shining and displaying its white light amid countless other scintillating stars. It seemed to Pierre that this comet fully responded to what was passing in his own softened and uplifted soul, now blossoming into a new life.

BOOK NINE: 1812

CHAPTER I

From the close of the year 1811 intensified arming and concentrating of the forces of Western Europe began, and in 1812 these forces—millions of men, reckoning those transporting and feeding the army—moved from the west eastwards to the Russian frontier, toward which since 1811 Russian forces had been similarly drawn. On the twelfth of June, 1812, the forces of Western Europe crossed the Russian frontier and war began, that is, an event took place opposed to human reason and to human nature. Millions of men perpetrated against one another such innumerable crimes, frauds, treacheries, thefts, forgeries, issues of false money, burglaries, incendiarisms, and murders as in whole centuries are not recorded in the annals of all the law courts of the world, but which those who committed them did not at the time regard as being crimes.

What produced this extraordinary occurrence? What were its causes? The historians tell us with naive assurance that its causes were the wrongs inflicted on the Duke of Oldenburg, the nonobservance of the Continental System, the ambition of Napoleon, the firmness of Alexander, the mistakes of the diplomatists, and so on.

Consequently, it would only have been necessary for Metternich, Rumyantsev, or Talleyrand, between a levee and an evening party, to have taken proper pains and written a more adroit note, or for Napoleon to have written to Alexander: "My respected Brother, I consent to restore the duchy to the Duke of Oldenburg"—and there would have been no war.

We can understand that the matter seemed like that to contemporaries. It naturally seemed to Napoleon that the war was caused by England's intrigues (as in fact he said on the island of St. Helena). It naturally seemed to members of the English Parliament that the cause of the war was Napoleon's ambition; to the Duke of Oldenburg, that the cause of the war was the violence done to him; to businessmen that the cause of the war was the Continental System which was ruining Europe; to the generals and old soldiers that the chief reason for the war was the necessity of giving them employment; to the legitimists of that day that it was the need of re-establishing les bons principes, and to the diplomatists of that time that it all resulted from the fact that the alliance between Russia and Austria in 1809 had not been sufficiently well concealed from Napoleon, and from the awkward wording of Memorandum No. 178.

It is natural that these and a countless and infinite quantity of other reasons, the number depending on the endless diversity of points of view, presented themselves to the men of that day; but to us, to posterity who view the thing that happened in all its magnitude and perceive its plain and terrible meaning, these causes seem insufficient. To us it is incomprehensible that millions of Christian men killed and tortured each other either because Napoleon was ambitious or Alexander was firm, or because England's policy was astute or the Duke of Oldenburg wronged. We cannot grasp what connection such circumstances have with the actual fact of slaughter and violence: why because the Duke was wronged, thousands of men from the other side of Europe killed and ruined the people of Smolensk and Moscow and were killed by them.

To us, their descendants, who are not historians and are not carried away by the process of research and can therefore regard the event with unclouded common sense, an incalculable number of causes present themselves. The deeper we delve in search of these causes the more of them we find; and each separate cause or whole series of causes appears to us equally valid in itself and equally false by its insignificance compared to the magnitude of the events, and by its impotence--apart from the cooperation of all the other coincident causes--to occasion the event. To us, the wish or objection of this or that French corporal to serve a second term appears as much a cause as Napoleon's refusal to withdraw his troops beyond the Vistula and to restore the duchy of Oldenburg; for had he not wished to serve, and had a second, a third, and a thousandth corporal and private also refused, there would have been so many less men in Napoleon's army and the war could not have occurred.

Had Napoleon not taken offense at the demand that he should withdraw beyond the Vistula, and not ordered his troops to advance, there would have been no war; but had all his sergeants objected to serving a second term then also there could have been no war. Nor could there have been a war had there been no English intrigues and no Duke of Oldenburg, and had Alexander not felt insulted, and had there not been an autocratic government in Russia, or a Revolution in France and a subsequent dictatorship and Empire, or all the things that produced the French Revolution, and so on. Without each of these causes nothing could have happened. So all these causes--myriads of causes--coincided to bring it about. And so there was no one cause for that occurrence, but it had to occur because it had to. Millions of men, renouncing their human feelings and reason, had to go from west to east to slay their fellows, just as some centuries previously hordes of men had come from the east to the west, slaying their fellows.

The actions of Napoleon and Alexander, on whose words the event seemed to hang, were as little voluntary as the actions of any soldier

who was drawn into the campaign by lot or by conscription. This could not be otherwise, for in order that the will of Napoleon and Alexander (on whom the event seemed to depend) should be carried out, the concurrence of innumerable circumstances was needed without any one of which the event could not have taken place. It was necessary that millions of men in whose hands lay the real power--the soldiers who fired, or transported provisions and guns--should consent to carry out the will of these weak individuals, and should have been induced to do so by an infinite number of diverse and complex causes.

We are forced to fall back on fatalism as an explanation of irrational events (that is to say, events the reasonableness of which we do not understand). The more we try to explain such events in history reasonably, the more unreasonable and incomprehensible do they become to us.

Each man lives for himself, using his freedom to attain his personal aims, and feels with his whole being that he can now do or abstain from doing this or that action; but as soon as he has done it, that action performed at a certain moment in time becomes irrevocable and belongs to history, in which it has not a free but a predestined significance.

There are two sides to the life of every man, his individual life, which is the more free the more abstract its interests, and his elemental hive life in which he inevitably obeys laws laid down for him.

Man lives consciously for himself, but is an unconscious instrument in the attainment of the historic, universal, aims of humanity. A deed done is irrevocable, and its result coinciding in time with the actions of millions of other men assumes an historic significance. The higher a man stands on the social ladder, the more people he is connected with and the more power he has over others, the more evident is the predestination and inevitability of his every action.

"The king's heart is in the hands of the Lord."

A king is history's slave.

History, that is, the unconscious, general, hive life of mankind, uses every moment of the life of kings as a tool for its own purposes.

Though Napoleon at that time, in 1812, was more convinced than ever that it depended on him, *verser (ou ne pas verser) le sang de ses peuples**--as Alexander expressed it in the last letter he wrote him--

he had never been so much in the grip of inevitable laws, which compelled him, while thinking that he was acting on his own volition, to perform for the hive life--that is to say, for history--whatever had to be performed.

*"To shed (or not to shed) the blood of his peoples."

The people of the west moved eastwards to slay their fellow men, and by the law of coincidence thousands of minute causes fitted in and co-ordinated to produce that movement and war: reproaches for the nonobservance of the Continental System, the Duke of Oldenburg's wrongs, the movement of troops into Prussia--undertaken (as it seemed to Napoleon) only for the purpose of securing an armed peace, the French Emperor's love and habit of war coinciding with his people's inclinations, allurements by the grandeur of the preparations, and the expenditure on those preparations and the need of obtaining advantages to compensate for that expenditure, the intoxicating honors he received in Dresden, the diplomatic negotiations which, in the opinion of contemporaries, were carried on with a sincere desire to attain peace, but which only wounded the self-love of both sides, and millions of other causes that adapted themselves to the event that was happening or coincided with it.

When an apple has ripened and falls, why does it fall? Because of its attraction to the earth, because its stalk withers, because it is dried by the sun, because it grows heavier, because the wind shakes it, or because the boy standing below wants to eat it?

Nothing is the cause. All this is only the coincidence of conditions in which all vital organic and elemental events occur. And the botanist who finds that the apple falls because the cellular tissue decays and so forth is equally right with the child who stands under the tree and says the apple fell because he wanted to eat it and prayed for it. Equally right or wrong is he who says that Napoleon went to Moscow because he wanted to, and perished because Alexander desired his destruction, and he who says that an undermined hill weighing a million tons fell because the last navy struck it for the last time with his mattock. In historic events the so-called great men are labels giving names to events, and like labels they have but the smallest connection with the event itself.

Every act of theirs, which appears to them an act of their own will, is in an historical sense involuntary and is related to the whole course of history and predestined from eternity.

CHAPTER II

On the twenty-ninth of May Napoleon left Dresden, where he had spent three weeks surrounded by a court that included princes, dukes, kings, and even an emperor. Before leaving, Napoleon showed favor to the emperor, kings, and princes who had deserved it, reprimanded the kings and princes with whom he was dissatisfied, presented pearls and diamonds of his own--that is, which he had taken from other kings--to the Empress of Austria, and having, as his historian tells us, tenderly embraced the Empress Marie Louise--who regarded him as her husband, though he had left another wife in Paris--left her grieved by the parting which she seemed hardly able to bear. Though the diplomatists still firmly believed in the possibility of peace and worked zealously to that end, and though the Emperor Napoleon himself wrote a letter to Alexander, calling him *Monsieur mon frere*, and sincerely assured him that he did not want war and would always love and honor him--yet he set off to join his army, and at every station gave fresh orders to accelerate the movement of his troops from west to east. He went in a traveling coach with six horses, surrounded by pages, aides-de-camp, and an escort, along the road to Posen, Thorn, Danzig, and Konigsberg. At each of these towns thousands of people met him with excitement and enthusiasm.

The army was moving from west to east, and relays of six horses carried him in the same direction. On the tenth of June,* coming up with the army, he spent the night in apartments prepared for him on the estate of a Polish count in the Vilkaviski forest.

*Old style.

Next day, overtaking the army, he went in a carriage to the Niemen, and, changing into a Polish uniform, he drove to the riverbank in order to select a place for the crossing.

Seeing, on the other side, some Cossacks (*les Cosaques*) and the wide-spreading steppes in the midst of which lay the holy city of Moscow (*Moscou, la ville sainte*), the capital of a realm such as the Scythia into which Alexander the Great had marched--Napoleon unexpectedly, and contrary alike to strategic and diplomatic considerations, ordered an advance, and the next day his army began to cross the Niemen.

Early in the morning of the twelfth of June he came out of his tent, which was pitched that day on the steep left bank of the Niemen, and looked through a spyglass at the streams of his troops pouring out of the Vilkavisski forest and flowing over the three bridges thrown across the river. The troops, knowing of the Emperor's presence, were on the lookout for him, and when they caught sight of a figure in an overcoat and a cocked hat standing apart from his suite in front of his tent on the hill, they threw up their caps and shouted: "Vive l'Empereur!" and one after another poured in a ceaseless stream out of the vast forest that had concealed them and, separating, flowed on and on by the three bridges to the other side.

"Now we'll go into action. Oh, when he takes it in hand himself, things get hot... by heaven!... There he is!... Vive l'Empereur! So these are the steppes of Asia! It's a nasty country all the same. Au revoir, Beauche; I'll keep the best palace in Moscow for you! Au revoir. Good luck!... Did you see the Emperor? Vive l'Empereur!... preur!--If they make me Governor of India, Gerard, I'll make you Minister of Kashmir--that's settled. Vive l'Empereur! Hurrah! hurrah! hurrah! The Cossacks--those rascals--see how they run! Vive l'Empereur! There he is, do you see him? I've seen him twice, as I see you now. The little corporal... I saw him give the cross to one of the veterans.... Vive l'Empereur!" came the voices of men, old and young, of most diverse characters and social positions. On the faces of all was one common expression of joy at the commencement of the long-expected campaign and of rapture and devotion to the man in the gray coat who was standing on the hill.

On the thirteenth of June a rather small, thoroughbred Arab horse was brought to Napoleon. He mounted it and rode at a gallop to one of the bridges over the Niemen, deafened continually by incessant and rapturous acclamations which he evidently endured only because it was impossible to forbid the soldiers to express their love of him by such shouting, but the shouting which accompanied him everywhere disturbed him and distracted him from the military cares that had occupied him from the time he joined the army. He rode across one of the swaying pontoon bridges to the farther side, turned sharply to the left, and galloped in the direction of Kovno, preceded by enraptured, mounted chasseurs of the Guard who, breathless with delight, galloped ahead to clear a path for him through the troops. On reaching the broad river Viliya, he stopped near a regiment of Polish Uhlans stationed by the river.

"Vivat!" shouted the Poles, ecstatically, breaking their ranks and pressing against one another to see him.

Napoleon looked up and down the river, dismounted, and sat down on a log that lay on the bank. At a mute sign from him, a telescope was

handed him which he rested on the back of a happy page who had run up to him, and he gazed at the opposite bank. Then he became absorbed in a map laid out on the logs. Without lifting his head he said something, and two of his aides-de-camp galloped off to the Polish Uhlans.

"What? What did he say?" was heard in the ranks of the Polish Uhlans when one of the aides-de-camp rode up to them.

The order was to find a ford and to cross the river. The colonel of the Polish Uhlans, a handsome old man, flushed and, fumbling in his speech from excitement, asked the aide-de-camp whether he would be permitted to swim the river with his Uhlans instead of seeking a ford. In evident fear of refusal, like a boy asking for permission to get on a horse, he begged to be allowed to swim across the river before the Emperor's eyes. The aide-de-camp replied that probably the Emperor would not be displeased at this excess of zeal.

As soon as the aide-de-camp had said this, the old mustached officer, with happy face and sparkling eyes, raised his saber, shouted "Vivat!" and, commanding the Uhlans to follow him, spurred his horse and galloped into the river. He gave an angry thrust to his horse, which had grown restive under him, and plunged into the water, heading for the deepest part where the current was swift. Hundreds of Uhlans galloped in after him. It was cold and uncanny in the rapid current in the middle of the stream, and the Uhlans caught hold of one another as they fell off their horses. Some of the horses were drowned and some of the men; the others tried to swim on, some in the saddle and some clinging to their horses' manes. They tried to make their way forward to the opposite bank and, though there was a ford one third of a mile away, were proud that they were swimming and drowning in this river under the eyes of the man who sat on the log and was not even looking at what they were doing. When the aide-de-camp, having returned and choosing an opportune moment, ventured to draw the Emperor's attention to the devotion of the Poles to his person, the little man in the gray overcoat got up and, having summoned Berthier, began pacing up and down the bank with him, giving him instructions and occasionally glancing disapprovingly at the drowning Uhlans who distracted his attention.

For him it was no new conviction that his presence in any part of the world, from Africa to the steppes of Muscovy alike, was enough to dumfound people and impel them to insane self-oblivion. He called for his horse and rode to his quarters.

Some forty Uhlans were drowned in the river, though boats were sent to their assistance. The majority struggled back to the bank from which they had started. The colonel and some of his men got across and

with difficulty clambered out on the further bank. And as soon as they had got out, in their soaked and streaming clothes, they shouted "Vivat!" and looked ecstatically at the spot where Napoleon had been but where he no longer was and at that moment considered themselves happy.

That evening, between issuing one order that the forged Russian paper money prepared for use in Russia should be delivered as quickly as possible and another that a Saxon should be shot, on whom a letter containing information about the orders to the French army had been found, Napoleon also gave instructions that the Polish colonel who had needlessly plunged into the river should be enrolled in the Legion d'honneur of which Napoleon was himself the head.

Quos vult perdere dementat.*

*Those whom (God) wishes to destroy he drives mad.

CHAPTER III

The Emperor of Russia had, meanwhile, been in Vilna for more than a month, reviewing troops and holding maneuvers. Nothing was ready for the war that everyone expected and to prepare for which the Emperor had come from Petersburg. There was no general plan of action. The vacillation between the various plans that were proposed had even increased after the Emperor had been at headquarters for a month. Each of the three armies had its own commander in chief, but there was no supreme commander of all the forces, and the Emperor did not assume that responsibility himself.

The longer the Emperor remained in Vilna the less did everybody-tired of waiting--prepare for the war. All the efforts of those who surrounded the sovereign seemed directed merely to making him spend his time pleasantly and forget that war was impending.

In June, after many balls and fetes given by the Polish magnates, by the courtiers, and by the Emperor himself, it occurred to one of the Polish aides-de-camp in attendance that a dinner and ball should be given for the Emperor by his aides-de-camp. This idea was eagerly received. The Emperor gave his consent. The aides-de-camp collected money by subscription. The lady who was thought to be most pleasing to the Emperor was invited to act as hostess. Count Bennigsen, being a

landowner in the Vilna province, offered his country house for the fete, and the thirteenth of June was fixed for a ball, dinner, regatta, and fireworks at Zakret, Count Bennigsen's country seat.

The very day that Napoleon issued the order to cross the Niemen, and his vanguard, driving off the Cossacks, crossed the Russian frontier, Alexander spent the evening at the entertainment given by his aides-de-camp at Bennigsen's country house.

It was a gay and brilliant fete. Connoisseurs of such matters declared that rarely had so many beautiful women been assembled in one place. Countess Bezukhova was present among other Russian ladies who had followed the sovereign from Petersburg to Vilna and eclipsed the refined Polish ladies by her massive, so called Russian type of beauty. The Emperor noticed her and honored her with a dance.

Boris Drubetskoy, having left his wife in Moscow and being for the present en garçon (as he phrased it), was also there and, though not an aide-de-camp, had subscribed a large sum toward the expenses. Boris was now a rich man who had risen to high honors and no longer sought patronage but stood on an equal footing with the highest of those of his own age. He was meeting Helene in Vilna after not having seen her for a long time and did not recall the past, but as Helene was enjoying the favors of a very important personage and Boris had only recently married, they met as good friends of long standing.

At midnight dancing was still going on. Helene, not having a suitable partner, herself offered to dance the mazurka with Boris. They were the third couple. Boris, coolly looking at Helene's dazzling bare shoulders which emerged from a dark, gold-embroidered, gauze gown, talked to her of old acquaintances and at the same time, unaware of it himself and unnoticed by others, never for an instant ceased to observe the Emperor who was in the same room. The Emperor was not dancing, he stood in the doorway, stopping now one pair and now another with gracious words which he alone knew how to utter.

As the mazurka began, Boris saw that Adjutant General Balashev, one of those in closest attendance on the Emperor, went up to him and contrary to court etiquette stood near him while he was talking to a Polish lady. Having finished speaking to her, the Emperor looked inquiringly at Balashev and, evidently understanding that he only acted thus because there were important reasons for so doing, nodded slightly to the lady and turned to him. Hardly had Balashev begun to speak before a look of amazement appeared on the Emperor's face. He took Balashev by the arm and crossed the room with him, unconsciously clearing a path seven yards wide as the people on both sides made way for him. Boris noticed Arakcheev's excited face when

the sovereign went out with Balashev. Arakcheev looked at the Emperor from under his brow and, sniffing with his red nose, stepped forward from the crowd as if expecting the Emperor to address him. (Boris understood that Arakcheev envied Balashev and was displeased that evidently important news had reached the Emperor otherwise than through himself.)

But the Emperor and Balashev passed out into the illuminated garden without noticing Arakcheev who, holding his sword and glancing wrathfully around, followed some twenty paces behind them.

All the time Boris was going through the figures of the mazurka, he was worried by the question of what news Balashev had brought and how he could find it out before others. In the figure in which he had to choose two ladies, he whispered to Helene that he meant to choose Countess Potocka who, he thought, had gone out onto the veranda, and glided over the parquet to the door opening into the garden, where, seeing Balashev and the Emperor returning to the veranda, he stood still. They were moving toward the door. Boris, fluttering as if he had not had time to withdraw, respectfully pressed close to the doorpost with bowed head.

The Emperor, with the agitation of one who has been personally affronted, was finishing with these words:

"To enter Russia without declaring war! I will not make peace as long as a single armed enemy remains in my country!" It seemed to Boris that it gave the Emperor pleasure to utter these words. He was satisfied with the form in which he had expressed his thoughts, but displeased that Boris had overheard it.

"Let no one know of it!" the Emperor added with a frown.

Boris understood that this was meant for him and, closing his eyes, slightly bowed his head. The Emperor re-entered the ballroom and remained there about another half-hour.

Boris was thus the first to learn the news that the French army had crossed the Niemen and, thanks to this, was able to show certain important personages that much that was concealed from others was usually known to him, and by this means he rose higher in their estimation.

The unexpected news of the French having crossed the Niemen was particularly startling after a month of unfulfilled expectations, and at a ball. On first receiving the news, under the influence of indignation and resentment the Emperor had found a phrase that pleased

him, fully expressed his feelings, and has since become famous. On returning home at two o'clock that night he sent for his secretary, Shishkov, and told him to write an order to the troops and a rescript to Field Marshal Prince Saltykov, in which he insisted on the words being inserted that he would not make peace so long as a single armed Frenchman remained on Russian soil.

Next day the following letter was sent to Napoleon:

Monsieur mon frere,

Yesterday I learned that, despite the loyalty which I have kept my engagements with Your Majesty, your troops have crossed the Russian frontier, and I have this moment received from Petersburg a note, in which Count Lauriston informs me, as a reason for this aggression, that Your Majesty has considered yourself to be in a state of war with me from the time Prince Kuragin asked for his passports. The reasons on which the Duc de Bassano based his refusal to deliver them to him would never have led me to suppose that that could serve as a pretext for aggression. In fact, the ambassador, as he himself has declared, was never authorized to make that demand, and as soon as I was informed of it I let him know how much I disapproved of it and ordered him to remain at his post. If Your Majesty does not intend to shed the blood of our peoples for such a misunderstanding, and consents to withdraw your troops from Russian territory, I will regard what has passed as not having occurred and an understanding between us will be possible. In the contrary case, Your Majesty, I shall see myself forced to repel an attack that nothing on my part has provoked. It still depends on Your Majesty to preserve humanity from the calamity of another war. I am, etc.,

(signed) Alexander

CHAPTER IV

At two in the morning of the fourteenth of June, the Emperor, having sent for Balashev and read him his letter to Napoleon, ordered him to take it and hand it personally to the French Emperor. When dispatching Balashev, the Emperor repeated to him the words that he would not make peace so long as a single armed enemy remained on Russian soil and told him to transmit those words to Napoleon. Alexander did not insert them in his letter to Napoleon, because with his characteristic tact he felt it would be injudicious to use

them at a moment when a last attempt at reconciliation was being made, but he definitely instructed Balashev to repeat them personally to Napoleon.

Having set off in the small hours of the fourteenth, accompanied by a bugler and two Cossacks, Balashev reached the French outposts at the village of Rykonty, on the Russian side of the Niemen, by dawn. There he was stopped by French cavalry sentinels.

A French noncommissioned officer of hussars, in crimson uniform and a shaggy cap, shouted to the approaching Balashev to halt. Balashev did not do so at once, but continued to advance along the road at a walking pace.

The noncommissioned officer frowned and, muttering words of abuse, advanced his horse's chest against Balashev, put his hand to his saber, and shouted rudely at the Russian general, asking: was he deaf that he did not do as he was told? Balashev mentioned who he was. The noncommissioned officer began talking with his comrades about regimental matters without looking at the Russian general.

After living at the seat of the highest authority and power, after conversing with the Emperor less than three hours before, and in general being accustomed to the respect due to his rank in the service, Balashev found it very strange here on Russian soil to encounter this hostile, and still more this disrespectful, application of brute force to himself.

The sun was only just appearing from behind the clouds, the air was fresh and dewy. A herd of cattle was being driven along the road from the village, and over the fields the larks rose trilling, one after another, like bubbles rising in water.

Balashev looked around him, awaiting the arrival of an officer from the village. The Russian Cossacks and bugler and the French hussars looked silently at one another from time to time.

A French colonel of hussars, who had evidently just left his bed, came riding from the village on a handsome sleek gray horse, accompanied by two hussars. The officer, the soldiers, and their horses all looked smart and well kept.

It was that first period of a campaign when troops are still in full trim, almost like that of peacetime maneuvers, but with a shade of martial swagger in their clothes, and a touch of the gaiety and spirit of enterprise which always accompany the opening of a campaign.

The French colonel with difficulty repressed a yawn, but was

polite and evidently understood Balashev's importance. He led him past his soldiers and behind the outposts and told him that his wish to be presented to the Emperor would most likely be satisfied immediately, as the Emperor's quarters were, he believed, not far off.

They rode through the village of Rykonty, past tethered French hussar horses, past sentinels and men who saluted their colonel and stared with curiosity at a Russian uniform, and came out at the other end of the village. The colonel said that the commander of the division was a mile and a quarter away and would receive Balashev and conduct him to his destination.

The sun had by now risen and shone gaily on the bright verdure.

They had hardly ridden up a hill, past a tavern, before they saw a group of horsemen coming toward them. In front of the group, on a black horse with trappings that glittered in the sun, rode a tall man with plumes in his hat and black hair curling down to his shoulders. He wore a red mantle, and stretched his long legs forward in French fashion. This man rode toward Balashev at a gallop, his plumes flowing and his gems and gold lace glittering in the bright June sunshine.

Balashev was only two horses' length from the equestrian with the bracelets, plunies, necklaces, and gold embroidery, who was galloping toward him with a theatrically solemn countenance, when Julner, the French colonel, whispered respectfully: "The King of Naples!" It was, in fact, Murat, now called "King of Naples." Though it was quite incomprehensible why he should be King of Naples, he was called so, and was himself convinced that he was so, and therefore assumed a more solemn and important air than formerly. He was so sure that he really was the King of Naples that when, on the eve of his departure from that city, while walking through the streets with his wife, some Italians called out to him: "Viva il re!"* he turned to his wife with a pensive smile and said: "Poor fellows, they don't know that I am leaving them tomorrow!"

*"Long live the king."

But though he firmly believed himself to be King of Naples and pitied the grief felt by the subjects he was abandoning, latterly, after he had been ordered to return to military service--and especially since his last interview with Napoleon in Danzig, when his august brother-in-law had told him: "I made you King that you should reign in my way, but not in yours!"--he had cheerfully taken up his familiar business, and--like a well-fed but not overfat horse that

feels himself in harness and grows skittish between the shafts--he dressed up in clothes as variegated and expensive as possible, and gaily and contentedly galloped along the roads of Poland, without himself knowing why or whither.

On seeing the Russian general he threw back his head, with its long hair curling to his shoulders, in a majestically royal manner, and looked inquiringly at the French colonel. The colonel respectfully informed His Majesty of Balashev's mission, whose name he could not pronounce.

"De Bal-macheve!" said the King (overcoming by his assurance the difficulty that had presented itself to the colonel). "Charmed to make your acquaintance, General!" he added, with a gesture of kingly condescension.

As soon as the King began to speak loud and fast his royal dignity instantly forsook him, and without noticing it he passed into his natural tone of good-natured familiarity. He laid his hand on the withers of Balashev's horse and said:

"Well, General, it all looks like war," as if regretting a circumstance of which he was unable to judge.

"Your Majesty," replied Balashev, "my master, the Emperor, does not desire war and as Your Majesty sees..." said Balashev, using the words Your Majesty at every opportunity, with the affectation unavoidable in frequently addressing one to whom the title was still a novelty.

Murat's face beamed with stupid satisfaction as he listened to "Monsieur de Bal-macheve." But *royaute oblige!** and he felt it incumbent on him, as a king and an ally, to confer on state affairs with Alexander's envoy. He dismounted, took Balashev's arm, and moving a few steps away from his suite, which waited respectfully, began to pace up and down with him, trying to speak significantly. He referred to the fact that the Emperor Napoleon had resented the demand that he should withdraw his troops from Prussia, especially when that demand became generally known and the dignity of France was thereby offended.

*"Royalty has its obligations."

Balashev replied that there was "nothing offensive in the demand, because..." but Murat interrupted him.

"Then you don't consider the Emperor Alexander the aggressor?" he asked unexpectedly, with a kindly and foolish smile.

Balashhev told him why he considered Napoleon to be the originator of the war.

"Oh, my dear general!" Murat again interrupted him, "with all my heart I wish the Emperors may arrange the affair between them, and that the war begun by no wish of mine may finish as quickly as possible!" said he, in the tone of a servant who wants to remain good friends with another despite a quarrel between their masters.

And he went on to inquiries about the Grand Duke and the state of his health, and to reminiscences of the gay and amusing times he had spent with him in Naples. Then suddenly, as if remembering his royal dignity, Murat solemnly drew himself up, assumed the pose in which he had stood at his coronation, and, waving his right arm, said:

"I won't detain you longer, General. I wish success to your mission," and with his embroidered red mantle, his flowing feathers, and his glittering ornaments, he rejoined his suite who were respectfully awaiting him.

Balashhev rode on, supposing from Murat's words that he would very soon be brought before Napoleon himself. But instead of that, at the next village the sentinels of Davout's infantry corps detained him as the pickets of the vanguard had done, and an adjutant of the corps commander, who was fetched, conducted him into the village to Marshal Davout.

CHAPTER V

Davout was to Napoleon what Arakcheev was to Alexander--though not a coward like Arakcheev, he was as precise, as cruel, and as unable to express his devotion to his monarch except by cruelty.

In the organism of states such men are necessary, as wolves are necessary in the organism of nature, and they always exist, always appear and hold their own, however incongruous their presence and their proximity to the head of the government may be. This inevitability alone can explain how the cruel Arakcheev, who tore out a grenadier's mustache with his own hands, whose weak nerves rendered him unable to face danger, and who was neither an educated

man nor a courtier, was able to maintain his powerful position with Alexander, whose own character was chivalrous, noble, and gentle.

Balashhev found Davout seated on a barrel in the shed of a peasant's hut, writing--he was auditing accounts. Better quarters could have been found him, but Marshal Davout was one of those men who purposely put themselves in most depressing conditions to have a justification for being gloomy. For the same reason they are always hard at work and in a hurry. "How can I think of the bright side of life when, as you see, I am sitting on a barrel and working in a dirty shed?" the expression of his face seemed to say. The chief pleasure and necessity of such men, when they encounter anyone who shows animation, is to flaunt their own dreary, persistent activity. Davout allowed himself that pleasure when Balashhev was brought in. He became still more absorbed in his task when the Russian general entered, and after glancing over his spectacles at Balashhev's face, which was animated by the beauty of the morning and by his talk with Murat, he did not rise or even stir, but scowled still more and sneered malevolently.

When he noticed in Balashhev's face the disagreeable impression this reception produced, Davout raised his head and coldly asked what he wanted.

Thinking he could have been received in such a manner only because Davout did not know that he was adjutant general to the Emperor Alexander and even his envoy to Napoleon, Balashhev hastened to inform him of his rank and mission. Contrary to his expectation, Davout, after hearing him, became still surlier and ruder.

"Where is your dispatch?" he inquired. "Give it to me. I will send it to the Emperor."

Balashhev replied that he had been ordered to hand it personally to the Emperor.

"Your Emperor's orders are obeyed in your army, but here," said Davout, "you must do as you're told."

And, as if to make the Russian general still more conscious of his dependence on brute force, Davout sent an adjutant to call the officer on duty.

Balashhev took out the packet containing the Emperor's letter and laid it on the table (made of a door with its hinges still hanging on it, laid across two barrels). Davout took the packet and read the inscription.

"You are perfectly at liberty to treat me with respect or not," protested Balashev, "but permit me to observe that I have the honor to be adjutant general to His Majesty...."

Davout glanced at him silently and plainly derived pleasure from the signs of agitation and confusion which appeared on Balashev's face.

"You will be treated as is fitting," said he and, putting the packet in his pocket, left the shed.

A minute later the marshal's adjutant, de Castres, came in and conducted Balashev to the quarters assigned him.

That day he dined with the marshal, at the same board on the barrels.

Next day Davout rode out early and, after asking Balashev to come to him, peremptorily requested him to remain there, to move on with the baggage train should orders come for it to move, and to talk to no one except Monsieur de Castres.

After four days of solitude, ennui, and consciousness of his impotence and insignificance--particularly acute by contrast with the sphere of power in which he had so lately moved--and after several marches with the marshal's baggage and the French army, which occupied the whole district, Balashev was brought to Vilna--now occupied by the French--through the very gate by which he had left it four days previously.

Next day the imperial gentleman-in-waiting, the Comte de Turenne, came to Balashev and informed him of the Emperor Napoleon's wish to honor him with an audience.

Four days before, sentinels of the Preobrazhensk regiment had stood in front of the house to which Balashev was conducted, and now two French grenadiers stood there in blue uniforms unfastened in front and with shaggy caps on their heads, and an escort of hussars and Uhlans and a brilliant suite of aides-de-camp, pages, and generals, who were waiting for Napoleon to come out, were standing at the porch, round his saddle horse and his Mameluke, Rustan. Napoleon received Balashev in the very house in Vilna from which Alexander had dispatched him on his mission.

CHAPTER VI

Though Balashev was used to imperial pomp, he was amazed at the luxury and magnificence of Napoleon's court.

The Comte de Turenne showed him into a big reception room where many generals, gentlemen-in-waiting, and Polish magnates--several of whom Balashev had seen at the court of the Emperor of Russia--were waiting. Duroc said that Napoleon would receive the Russian general before going for his ride.

After some minutes, the gentleman-in-waiting who was on duty came into the great reception room and, bowing politely, asked Balashev to follow him.

Balashev went into a small reception room, one door of which led into a study, the very one from which the Russian Emperor had dispatched him on his mission. He stood a minute or two, waiting. He heard hurried footsteps beyond the door, both halves of it were opened rapidly; all was silent and then from the study the sound was heard of other steps, firm and resolute--they were those of Napoleon. He had just finished dressing for his ride, and wore a blue uniform, opening in front over a white waistcoat so long that it covered his rotund stomach, white leather breeches tightly fitting the fat thighs of his short legs, and Hessian boots. His short hair had evidently just been brushed, but one lock hung down in the middle of his broad forehead. His plump white neck stood out sharply above the black collar of his uniform, and he smelled of Eau de Cologne. His full face, rather young-looking, with its prominent chin, wore a gracious and majestic expression of imperial welcome.

He entered briskly, with a jerk at every step and his head slightly thrown back. His whole short corpulent figure with broad thick shoulders, and chest and stomach involuntarily protruding, had that imposing and stately appearance one sees in men of forty who live in comfort. It was evident, too, that he was in the best of spirits that day.

He nodded in answer to Balashav's low and respectful bow, and coming up to him at once began speaking like a man who values every moment of his time and does not condescend to prepare what he has to say but is sure he will always say the right thing and say it well.

"Good day, General!" said he. "I have received the letter you brought from the Emperor Alexander and am very glad to see you." He glanced with his large eyes into Balashav's face and immediately looked past him.

It was plain that Balashev's personality did not interest him at all. Evidently only what took place within his own mind interested him. Nothing outside himself had any significance for him, because everything in the world, it seemed to him, depended entirely on his will.

"I do not, and did not, desire war," he continued, "but it has been forced on me. Even now" (he emphasized the word) "I am ready to receive any explanations you can give me."

And he began clearly and concisely to explain his reasons for dissatisfaction with the Russian government. Judging by the calmly moderate and amicable tone in which the French Emperor spoke, Balashev was firmly persuaded that he wished for peace and intended to enter into negotiations.

When Napoleon, having finished speaking, looked inquiringly at the Russian envoy, Balashev began a speech he had prepared long before: "Sire! The Emperor, my master..." but the sight of the Emperor's eyes bent on him confused him. "You are flurried--compose yourself!" Napoleon seemed to say, as with a scarcely perceptible smile he looked at Balashev's uniform and sword.

Balashev recovered himself and began to speak. He said that the Emperor Alexander did not consider Kurakin's demand for his passports a sufficient cause for war; that Kurakin had acted on his own initiative and without his sovereign's assent, that the Emperor Alexander did not desire war, and had no relations with England.

"Not yet!" interposed Napoleon, and, as if fearing to give vent to his feelings, he frowned and nodded slightly as a sign that Balashev might proceed.

After saying all he had been instructed to say, Balashev added that the Emperor Alexander wished for peace, but would not enter into negotiations except on condition that... Here Balashev hesitated: he remembered the words the Emperor Alexander had not written in his letter, but had specially inserted in the rescript to Saltykov and had told Balashev to repeat to Napoleon. Balashev remembered these words, "So long as a single armed foe remains on Russian soil," but some complex feeling restrained him. He could not utter them, though he wished to do so. He grew confused and said: "On condition that the French army retires beyond the Niemen."

Napoleon noticed Balashev's embarrassment when uttering these last words; his face twitched and the calf of his left leg began to quiver rhythmically. Without moving from where he stood he began speaking in a louder tone and more hurriedly than before. During the

speech that followed, Balashev, who more than once lowered his eyes, involuntarily noticed the quivering of Napoleon's left leg which increased the more Napoleon raised his voice.

"I desire peace, no less than the Emperor Alexander," he began. "Have I not for eighteen months been doing everything to obtain it? I have waited eighteen months for explanations. But in order to begin negotiations, what is demanded of me?" he said, frowning and making an energetic gesture of inquiry with his small white plump hand.

"The withdrawal of your army beyond the Niemen, sire," replied Balashev.

"The Niemen?" repeated Napoleon. "So now you want me to retire beyond the Niemen--only the Niemen?" repeated Napoleon, looking straight at Balashev.

The latter bowed his head respectfully.

Instead of the demand of four months earlier to withdraw from Pomerania, only a withdrawal beyond the Niemen was now demanded. Napoleon turned quickly and began to pace the room.

"You say the demand now is that I am to withdraw beyond the Niemen before commencing negotiations, but in just the same way two months ago the demand was that I should withdraw beyond the Vistula and the Oder, and yet you are willing to negotiate."

He went in silence from one corner of the room to the other and again stopped in front of Balashev. Balashev noticed that his left leg was quivering faster than before and his face seemed petrified in its stern expression. This quivering of his left leg was a thing Napoleon was conscious of. "The vibration of my left calf is a great sign with me," he remarked at a later date.

"Such demands as to retreat beyond the Vistula and Oder may be made to a Prince of Baden, but not to me!" Napoleon almost screamed, quite to his own surprise. "If you gave me Petersburg and Moscow I could not accept such conditions. You say I have begun this war! But who first joined his army? The Emperor Alexander, not I! And you offer me negotiations when I have expended millions, when you are in alliance with England, and when your position is a bad one. You offer me negotiations! But what is the aim of your alliance with England? What has she given you?" he continued hurriedly, evidently no longer trying to show the advantages of peace and discuss its possibility, but only to prove his own rectitude and power and Alexander's errors and duplicity.

The commencement of his speech had obviously been made with the intention of demonstrating the advantages of his position and showing that he was nevertheless willing to negotiate. But he had begun talking, and the more he talked the less could he control his words.

The whole purport of his remarks now was evidently to exalt himself and insult Alexander--just what he had least desired at the commencement of the interview.

"I hear you have made peace with Turkey?"

Balashev bowed his head affirmatively.

"Peace has been concluded..." he began.

But Napoleon did not let him speak. He evidently wanted to do all the talking himself, and continued to talk with the sort of eloquence and unrestrained irritability to which spoiled people are so prone.

"Yes, I know you have made peace with the Turks without obtaining Moldavia and Wallachia; I would have given your sovereign those provinces as I gave him Finland. Yes," he went on, "I promised and would have given the Emperor Alexander Moldavia and Wallachia, and now he won't have those splendid provinces. Yet he might have united them to his empire and in a single reign would have extended Russia from the Gulf of Bothnia to the mouths of the Danube. Catherine the Great could not have done more," said Napoleon, growing more and more excited as he paced up and down the room, repeating to Balashev almost the very words he had used to Alexander himself at Tilsit. "All that, he would have owed to my friendship. Oh, what a splendid reign!" he repeated several times, then paused, drew from his pocket a gold snuffbox, lifted it to his nose, and greedily sniffed at it.

"What a splendid reign the Emperor Alexander's might have been!"

He looked compassionately at Balashev, and as soon as the latter tried to make some rejoinder hastily interrupted him.

"What could he wish or look for that he would not have obtained through my friendship?" demanded Napoleon, shrugging his shoulders in perplexity. "But no, he has preferred to surround himself with my enemies, and with whom? With Steins, Armfeldts, Bennigsens, and Wintzingerodes! Stein, a traitor expelled from his own country; Armfeldt, a rake and an intriguer; Wintzingerode, a fugitive French subject; Bennigsen, rather more of a soldier than the others, but

all the same an incompetent who was unable to do anything in 1807 and who should awaken terrible memories in the Emperor Alexander's mind.... Granted that were they competent they might be made use of," continued Napoleon--hardly able to keep pace in words with the rush of thoughts that incessantly sprang up, proving how right and strong he was (in his perception the two were one and the same)--"but they are not even that! They are neither fit for war nor peace! Barclay is said to be the most capable of them all, but I cannot say so, judging by his first movements. And what are they doing, all these courtiers? Pfuell proposes, Armfeldt disputes, Bennigsen considers, and Barclay, called on to act, does not know what to decide on, and time passes bringing no result. Bagration alone is a military man. He's stupid, but he has experience, a quick eye, and resolution.... And what role is your young monarch playing in that monstrous crowd? They compromise him and throw on him the responsibility for all that happens. A sovereign should not be with the army unless he is a general!" said Napoleon, evidently uttering these words as a direct challenge to the Emperor. He knew how Alexander desired to be a military commander.

"The campaign began only a week ago, and you haven't even been able to defend Vilna. You are cut in two and have been driven out of the Polish provinces. Your army is grumbling."

"On the contrary, Your Majesty," said Balashev, hardly able to remember what had been said to him and following these verbal fireworks with difficulty, "the troops are burning with eagerness..."

"I know everything!" Napoleon interrupted him. "I know everything. I know the number of your battalions as exactly as I know my own. You have not two hundred thousand men, and I have three times that number. I give you my word of honor," said Napoleon, forgetting that his word of honor could carry no weight--"I give you my word of honor that I have five hundred and thirty thousand men this side of the Vistula. The Turks will be of no use to you; they are worth nothing and have shown it by making peace with you. As for the Swedes--it is their fate to be governed by mad kings. Their king was insane and they changed him for another--Bernadotte, who promptly went mad--for no Swede would ally himself with Russia unless he were mad."

Napoleon grinned maliciously and again raised his snuffbox to his nose.

Balashev knew how to reply to each of Napoleon's remarks, and would have done so; he continually made the gesture of a man wishing to say something, but Napoleon always interrupted him. To the alleged insanity of the Swedes, Balashev wished to reply that when Russia is on her side Sweden is practically an island: but Napoleon

gave an angry exclamation to drown his voice. Napoleon was in that state of irritability in which a man has to talk, talk, and talk, merely to convince himself that he is in the right. Balashev began to feel uncomfortable: as envoy he feared to demean his dignity and felt the necessity of replying; but, as a man, he shrank before the transport of groundless wrath that had evidently seized Napoleon. He knew that none of the words now uttered by Napoleon had any significance, and that Napoleon himself would be ashamed of them when he came to his senses. Balashev stood with downcast eyes, looking at the movements of Napoleon's stout legs and trying to avoid meeting his eyes.

"But what do I care about your allies?" said Napoleon. "I have allies--the Poles. There are eighty thousand of them and they fight like lions. And there will be two hundred thousand of them."

And probably still more perturbed by the fact that he had uttered this obvious falsehood, and that Balashev still stood silently before him in the same attitude of submission to fate, Napoleon abruptly turned round, drew close to Balashev's face, and, gesticulating rapidly and energetically with his white hands, almost shouted:

"Know that if you stir up Prussia against me, I'll wipe it off the map of Europe!" he declared, his face pale and distorted by anger, and he struck one of his small hands energetically with the other. "Yes, I will throw you back beyond the Dvina and beyond the Dnieper, and will re-erect against you that barrier which it was criminal and blind of Europe to allow to be destroyed. Yes, that is what will happen to you. That is what you have gained by alienating me!" And he walked silently several times up and down the room, his fat shoulders twitching.

He put his snuffbox into his waistcoat pocket, took it out again, lifted it several times to his nose, and stopped in front of Balashev. He paused, looked ironically straight into Balashev's eyes, and said in a quiet voice:

"And yet what a splendid reign your master might have had!"

Balashev, feeling it incumbent on him to reply, said that from the Russian side things did not appear in so gloomy a light. Napoleon was silent, still looking derisively at him and evidently not listening to him. Balashev said that in Russia the best results were expected from the war. Napoleon nodded condescendingly, as if to say, "I know it's your duty to say that, but you don't believe it yourself. I have convinced you."

When Balashev had ended, Napoleon again took out his snuffbox, sniffed at it, and stamped his foot twice on the floor as a signal. The door opened, a gentleman-in-waiting, bending respectfully, handed the Emperor his hat and gloves; another brought him a pocket handkerchief. Napoleon, without giving them a glance, turned to Balashev:

"Assure the Emperor Alexander from me," said he, taking his hat, "that I am as devoted to him as before: I know him thoroughly and very highly esteem his lofty qualities. I will detain you no longer, General; you shall receive my letter to the Emperor."

And Napoleon went quickly to the door. Everyone in the reception room rushed forward and descended the staircase.

CHAPTER VII

After all that Napoleon had said to him--those bursts of anger and the last dryly spoken words: "I will detain you no longer, General; you shall receive my letter," Balashev felt convinced that Napoleon would not wish to see him, and would even avoid another meeting with him--an insulted envoy--especially as he had witnessed his unseemly anger. But, to his surprise, Balashev received, through Duroc, an invitation to dine with the Emperor that day.

Bessieres, Caulaincourt, and Berthier were present at that dinner.

Napoleon met Balashev cheerfully and amiably. He not only showed no sign of constraint or self-reproach on account of his outburst that morning, but, on the contrary, tried to reassure Balashev. It was evident that he had long been convinced that it was impossible for him to make a mistake, and that in his perception whatever he did was right, not because it harmonized with any idea of right and wrong, but because he did it.

The Emperor was in very good spirits after his ride through Vilna, where crowds of people had rapturously greeted and followed him. From all the windows of the streets through which he rode, rugs, flags, and his monogram were displayed, and the Polish ladies, welcoming him, waved their handkerchiefs to him.

At dinner, having placed Balashev beside him, Napoleon not only treated him amiably but behaved as if Balashev were one of his own

courtiers, one of those who sympathized with his plans and ought to rejoice at his success. In the course of conversation he mentioned Moscow and questioned Balashev about the Russian capital, not merely as an interested traveler asks about a new city he intends to visit, but as if convinced that Balashev, as a Russian, must be flattered by his curiosity.

"How many inhabitants are there in Moscow? How many houses? Is it true that Moscow is called 'Holy Moscow'? How many churches are there in Moscow?" he asked.

And receiving the reply that there were more than two hundred churches, he remarked:

"Why such a quantity of churches?"

"The Russians are very devout," replied Balashev.

"But a large number of monasteries and churches is always a sign of the backwardness of a people," said Napoleon, turning to Caulaincourt for appreciation of this remark.

Balashev respectfully ventured to disagree with the French Emperor.

"Every country has its own character," said he.

"But nowhere in Europe is there anything like that," said Napoleon.

"I beg your Majesty's pardon," returned Balashev, "besides Russia there is Spain, where there are also many churches and monasteries."

This reply of Balashev's, which hinted at the recent defeats of the French in Spain, was much appreciated when he related it at Alexander's court, but it was not much appreciated at Napoleon's dinner, where it passed unnoticed.

The uninterested and perplexed faces of the marshals showed that they were puzzled as to what Balashev's tone suggested. "If there is a point we don't see it, or it is not at all witty," their expressions seemed to say. So little was his rejoinder appreciated that Napoleon did not notice it at all and naively asked Balashev through what towns the direct road from there to Moscow passed. Balashev, who was on the alert all through the dinner, replied that just as "all roads lead to Rome," so all roads lead to Moscow: there were many roads, and "among them the road through Poltava, which Charles XII chose." Balashev involuntarily flushed with pleasure at the aptitude of this reply, but hardly had he uttered the word Poltava before Caulaincourt began speaking of the badness of the road from Petersburg

to Moscow and of his Petersburg reminiscences.

After dinner they went to drink coffee in Napoleon's study, which four days previously had been that of the Emperor Alexander. Napoleon sat down, toying with his Sevres coffee cup, and motioned Balashev to a chair beside him.

Napoleon was in that well-known after-dinner mood which, more than any reasoned cause, makes a man contented with himself and disposed to consider everyone his friend. It seemed to him that he was surrounded by men who adored him: and he felt convinced that, after his dinner, Balashev too was his friend and worshiper. Napoleon turned to him with a pleasant, though slightly ironic, smile.

"They tell me this is the room the Emperor Alexander occupied? Strange, isn't it, General?" he said, evidently not doubting that this remark would be agreeable to his hearer since it went to prove his, Napoleon's, superiority to Alexander.

Balashev made no reply and bowed his head in silence.

"Yes. Four days ago in this room, Wintzingerode and Stein were deliberating," continued Napoleon with the same derisive and self-confident smile. "What I can't understand," he went on, "is that the Emperor Alexander has surrounded himself with my personal enemies. That I do not... understand. Has he not thought that I may be the same?" and he turned inquiringly to Balashev, and evidently this thought turned him back on to the track of his morning's anger, which was still fresh in him.

"And let him know that I will do so!" said Napoleon, rising and pushing his cup away with his hand. "I'll drive all his Wurttemberg, Baden, and Weimar relations out of Germany.... Yes. I'll drive them out. Let him prepare an asylum for them in Russia!"

Balashev bowed his head with an air indicating that he would like to make his bow and leave, and only listened because he could not help hearing what was said to him. Napoleon did not notice this expression; he treated Balashev not as an envoy from his enemy, but as a man now fully devoted to him and who must rejoice at his former master's humiliation.

"And why has the Emperor Alexander taken command of the armies? What is the good of that? War is my profession, but his business is to reign and not to command armies! Why has he taken on himself such a responsibility?"

Again Napoleon brought out his snuffbox, paced several times up

and down the room in silence, and then, suddenly and unexpectedly, went up to Balashev and with a slight smile, as confidently, quickly, and simply as if he were doing something not merely important but pleasing to Balashev, he raised his hand to the forty-year-old Russian general's face and, taking him by the ear, pulled it gently, smiling with his lips only.

To have one's ear pulled by the Emperor was considered the greatest honor and mark of favor at the French court.

"Well, adorer and courtier of the Emperor Alexander, why don't you say anything?" said he, as if it was ridiculous, in his presence, to be the adorer and courtier of anyone but himself, Napoleon. "Are the horses ready for the general?" he added, with a slight inclination of his head in reply to Balashev's bow. "Let him have mine, he has a long way to go!"

The letter taken by Balashev was the last Napoleon sent to Alexander. Every detail of the interview was communicated to the Russian monarch, and the war began...

CHAPTER VIII

After his interview with Pierre in Moscow, Prince Andrew went to Petersburg, on business as he told his family, but really to meet Anatole Kuragin whom he felt it necessary to encounter. On reaching Petersburg he inquired for Kuragin but the latter had already left the city. Pierre had warned his brother-in-law that Prince Andrew was on his track. Anatole Kuragin promptly obtained an appointment from the Minister of War and went to join the army in Moldavia. While in Petersburg Prince Andrew met Kutuzov, his former commander who was always well disposed toward him, and Kutuzov suggested that he should accompany him to the army in Moldavia, to which the old general had been appointed commander in chief. So Prince Andrew, having received an appointment on the headquarters staff, left for Turkey.

Prince Andrew did not think it proper to write and challenge Kuragin. He thought that if he challenged him without some fresh cause it might compromise the young Countess Rostova and so he wanted to meet Kuragin personally in order to find a fresh pretext for a duel. But he again failed to meet Kuragin in Turkey, for soon after Prince Andrew arrived, the latter returned to Russia. In a new country, amid new conditions, Prince Andrew found life easier to bear. After

his betrothed had broken faith with him--which he felt the more acutely the more he tried to conceal its effects--the surroundings in which he had been happy became trying to him, and the freedom and independence he had once prized so highly were still more so. Not only could he no longer think the thoughts that had first come to him as he lay gazing at the sky on the field of Austerlitz and had later enlarged upon with Pierre, and which had filled his solitude at Bogucharovo and then in Switzerland and Rome, but he even dreaded to recall them and the bright and boundless horizons they had revealed. He was now concerned only with the nearest practical matters unrelated to his past interests, and he seized on these the more eagerly the more those past interests were closed to him. It was as if that lofty, infinite canopy of heaven that had once towered above him had suddenly turned into a low, solid vault that weighed him down, in which all was clear, but nothing eternal or mysterious.

Of the activities that presented themselves to him, army service was the simplest and most familiar. As a general on duty on Kutuzov's staff, he applied himself to business with zeal and perseverance and surprised Kutuzov by his willingness and accuracy in work. Not having found Kuragin in Turkey, Prince Andrew did not think it necessary to rush back to Russia after him, but all the same he knew that however long it might be before he met Kuragin, despite his contempt for him and despite all the proofs he deduced to convince himself that it was not worth stooping to a conflict with him--he knew that when he did meet him he would not be able to resist calling him out, any more than a ravenous man can help snatching at food. And the consciousness that the insult was not yet avenged, that his rancor was still unspent, weighed on his heart and poisoned the artificial tranquillity which he managed to obtain in Turkey by means of restless, plodding, and rather vainglorious and ambitious activity.

In the year 1812, when news of the war with Napoleon reached Bucharest--where Kutuzov had been living for two months, passing his days and nights with a Wallachian woman--Prince Andrew asked Kutuzov to transfer him to the Western Army. Kutuzov, who was already weary of Bolkonski's activity which seemed to reproach his own idleness, very readily let him go and gave him a mission to Barclay de Tolly.

Before joining the Western Army which was then, in May, encamped at Drissa, Prince Andrew visited Bald Hills which was directly on his way, being only two miles off the Smolensk highroad. During the last three years there had been so many changes in his life, he had thought, felt, and seen so much (having traveled both in the east and the west), that on reaching Bald Hills it struck him as strange and unexpected to find the way of life there unchanged and still the same in every detail. He entered through the gates with their stone pillars and drove up the avenue leading to the house as if he were

entering an enchanted, sleeping castle. The same old stateliness, the same cleanliness, the same stillness reigned there, and inside there was the same furniture, the same walls, sounds, and smell, and the same timid faces, only somewhat older. Princess Mary was still the same timid, plain maiden getting on in years, uselessly and joylessly passing the best years of her life in fear and constant suffering. Mademoiselle Bourienne was the same coquettish, self-satisfied girl, enjoying every moment of her existence and full of joyous hopes for the future. She had merely become more self-confident, Prince Andrew thought. Dessalles, the tutor he had brought from Switzerland, was wearing a coat of Russian cut and talking broken Russian to the servants, but was still the same narrowly intelligent, conscientious, and pedantic preceptor. The old prince had changed in appearance only by the loss of a tooth, which left a noticeable gap on one side of his mouth; in character he was the same as ever, only showing still more irritability and skepticism as to what was happening in the world. Little Nicholas alone had changed. He had grown, become rosier, had curly dark hair, and, when merry and laughing, quite unconsciously lifted the upper lip of his pretty little mouth just as the little princess used to do. He alone did not obey the law of immutability in the enchanted, sleeping castle. But though externally all remained as of old, the inner relations of all these people had changed since Prince Andrew had seen them last. The household was divided into two alien and hostile camps, who changed their habits for his sake and only met because he was there. To the one camp belonged the old prince, Madmoiselle Bourienne, and the architect; to the other Princess Mary, Dessalles, little Nicholas, and all the old nurses and maids.

During his stay at Bald Hills all the family dined together, but they were ill at ease and Prince Andrew felt that he was a visitor for whose sake an exception was being made and that his presence made them all feel awkward. Involuntarily feeling this at dinner on the first day, he was taciturn, and the old prince noticing this also became morosely dumb and retired to his apartments directly after dinner. In the evening, when Prince Andrew went to him and, trying to rouse him, began to tell him of the young Count Kamensky's campaign, the old prince began unexpectedly to talk about Princess Mary, blaming her for her superstitions and her dislike of Mademoiselle Bourienne, who, he said, was the only person really attached to him.

The old prince said that if he was ill it was only because of Princess Mary: that she purposely worried and irritated him, and that by indulgence and silly talk she was spoiling little Prince Nicholas. The old prince knew very well that he tormented his daughter and that her life was very hard, but he also knew that he could not help tormenting her and that she deserved it. "Why does Prince Andrew, who sees this, say nothing to me about his sister? Does he think me

a scoundrel, or an old fool who, without any reason, keeps his own daughter at a distance and attaches this Frenchwoman to himself? He doesn't understand, so I must explain it, and he must hear me out," thought the old prince. And he began explaining why he could not put up with his daughter's unreasonable character.

"If you ask me," said Prince Andrew, without looking up (he was censuring his father for the first time in his life), "I did not wish to speak about it, but as you ask me I will give you my frank opinion. If there is any misunderstanding and discord between you and Mary, I can't blame her for it at all. I know how she loves and respects you. Since you ask me," continued Prince Andrew, becoming irritable--as he was always liable to do of late--"I can only say that if there are any misunderstandings they are caused by that worthless woman, who is not fit to be my sister's companion."

The old man at first stared fixedly at his son, and an unnatural smile disclosed the fresh gap between his teeth to which Prince Andrew could not get accustomed.

"What companion, my dear boy? Eh? You've already been talking it over! Eh?"

"Father, I did not want to judge," said Prince Andrew, in a hard and bitter tone, "but you challenged me, and I have said, and always shall say, that Mary is not to blame, but those to blame--the one to blame--is that Frenchwoman."

"Ah, he has passed judgment... passed judgement!" said the old man in a low voice and, as it seemed to Prince Andrew, with some embarrassment, but then he suddenly jumped up and cried: "Be off, be off! Let not a trace of you remain here!..."

Prince Andrew wished to leave at once, but Princess Mary persuaded him to stay another day. That day he did not see his father, who did not leave his room and admitted no one but Mademoiselle Bourienne and Tikhon, but asked several times whether his son had gone. Next day, before leaving, Prince Andrew went to his son's rooms. The boy, curly-headed like his mother and glowing with health, sat on his knee, and Prince Andrew began telling him the story of Bluebeard, but fell into a reverie without finishing the story. He thought not of this pretty child, his son whom he held on his knee, but of himself. He sought in himself either remorse for having angered his father or regret at leaving home for the first time in his life on bad terms with him, and was horrified to find neither. What meant still more to him was that he sought and did not find in himself the former tenderness for his son which he had hoped to reawaken by caressing the

boy and taking him on his knee.

"Well, go on!" said his son.

Prince Andrew, without replying, put him down from his knee and went out of the room.

As soon as Prince Andrew had given up his daily occupations, and especially on returning to the old conditions of life amid which he had been happy, weariness of life overcame him with its former intensity, and he hastened to escape from these memories and to find some work as soon as possible.

"So you've decided to go, Andrew?" asked his sister.

"Thank God that I can," replied Prince Andrew. "I am very sorry you can't."

"Why do you say that?" replied Princess Mary. "Why do you say that, when you are going to this terrible war, and he is so old? Mademoiselle Bourienne says he has been asking about you...."

As soon as she began to speak of that, her lips trembled and her tears began to fall. Prince Andrew turned away and began pacing the room.

"Ah, my God! my God! When one thinks who and what--what trash--can cause people misery!" he said with a malignity that alarmed Princess Mary.

She understood that when speaking of "trash" he referred not only to Mademoiselle Bourienne, the cause of her misery, but also to the man who had ruined his own happiness.

"Andrew! One thing I beg, I entreat of you!" she said, touching his elbow and looking at him with eyes that shone through her tears. "I understand you" (she looked down). "Don't imagine that sorrow is the work of men. Men are His tools." She looked a little above Prince Andrew's head with the confident, accustomed look with which one looks at the place where a familiar portrait hangs. "Sorrow is sent by Him, not by men. Men are His instruments, they are not to blame. If you think someone has wronged you, forget it and forgive! We have no right to punish. And then you will know the happiness of forgiving."

"If I were a woman I would do so, Mary. That is a woman's virtue. But a man should not and cannot forgive and forget," he replied, and though till that moment he had not been thinking of Kuragin, all his

unexpended anger suddenly swelled up in his heart.

"If Mary is already persuading me forgive, it means that I ought long ago to have punished him," he thought. And giving her no further reply, he began thinking of the glad vindictive moment when he would meet Kuragin who he knew was now in the army.

Princess Mary begged him to stay one day more, saying that she knew how unhappy her father would be if Andrew left without being reconciled to him, but Prince Andrew replied that he would probably soon be back again from the army and would certainly write to his father, but that the longer he stayed now the more embittered their differences would become.

"Good-by, Andrew! Remember that misfortunes come from God, and men are never to blame," were the last words he heard from his sister when he took leave of her.

"Then it must be so!" thought Prince Andrew as he drove out of the avenue from the house at Bald Hills. "She, poor innocent creature, is left to be victimized by an old man who has outlived his wits. The old man feels he is guilty, but cannot change himself. My boy is growing up and rejoices in life, in which like everybody else he will deceive or be deceived. And I am off to the army. Why? I myself don't know. I want to meet that man whom I despise, so as to give him a chance to kill and laugh at me!"

These conditions of life had been the same before, but then they were all connected, while now they had all tumbled to pieces. Only senseless things, lacking coherence, presented themselves one after another to Prince Andrew's mind.

CHAPTER IX

Prince Andrew reached the general headquarters of the army at the end of June. The first army, with which was the Emperor, occupied the fortified camp at Drissa; the second army was retreating, trying to effect a junction with the first one from which it was said to be cut off by large French forces. Everyone was dissatisfied with the general course of affairs in the Russian army, but no one anticipated any danger of invasion of the Russian provinces, and no one thought the war would extend farther than the western, the Polish, provinces.

Prince Andrew found Barclay de Tolly, to whom he had been assigned, on the bank of the Drissa. As there was not a single town or large village in the vicinity of the camp, the immense number of generals and courtiers accompanying the army were living in the best houses of the villages on both sides of the river, over a radius of six miles. Barclay de Tolly was quartered nearly three miles from the Emperor. He received Bolkonski stiffly and coldly and told him in his foreign accent that he would mention him to the Emperor for a decision as to his employment, but asked him meanwhile to remain on his staff. Anatole Kuragin, whom Prince Andrew had hoped to find with the army, was not there. He had gone to Petersburg, but Prince Andrew was glad to hear this. His mind was occupied by the interests of the center that was conducting a gigantic war, and he was glad to be free for a while from the distraction caused by the thought of Kuragin. During the first four days, while no duties were required of him, Prince Andrew rode round the whole fortified camp and, by the aid of his own knowledge and by talks with experts, tried to form a definite opinion about it. But the question whether the camp was advantageous or disadvantageous remained for him undecided. Already from his military experience and what he had seen in the Austrian campaign, he had come to the conclusion that in war the most deeply considered plans have no significance and that all depends on the way unexpected movements of the enemy--that cannot be foreseen--are met, and on how and by whom the whole matter is handled. To clear up this last point for himself, Prince Andrew, utilizing his position and acquaintances, tried to fathom the character of the control of the army and of the men and parties engaged in it, and he deduced for himself the following of the state of affairs.

While the Emperor had still been at Vilna, the forces had been divided into three armies. First, the army under Barclay de Tolly, secondly, the army under Bagration, and thirdly, the one commanded by Tormasov. The Emperor was with the first army, but not as commander in chief. In the orders issued it was stated, not that the Emperor would take command, but only that he would be with the army. The Emperor, moreover, had with him not a commander in chief's staff but the imperial headquarters staff. In attendance on him was the head of the imperial staff, Quartermaster General Prince Volkonski, as well as generals, imperial aides-de-camp, diplomatic officials, and a large number of foreigners, but not the army staff. Besides these, there were in attendance on the Emperor without any definite appointments: Arakcheev, the ex-Minister of War; Count Bennigsen, the senior general in rank; the Grand Duke Tsarevich Constantine Pavlovich; Count Rumyantsev, the Chancellor; Stein, a former Prussian minister; Armfeldt, a Swedish general; Pfuel, the chief author of the plan of campaign; Paulucci, an adjutant general and Sardinian emigre; Wolzogen--and many others. Though these men had no military

appointment in the army, their position gave them influence, and often a corps commander, or even the commander in chief, did not know in what capacity he was questioned by Bennigsen, the Grand Duke, Arakcheev, or Prince Volkonski, or was given this or that advice and did not know whether a certain order received in the form of advice emanated from the man who gave it or from the Emperor and whether it had to be executed or not. But this was only the external condition; the essential significance of the presence of the Emperor and of all these people, from a courtier's point of view (and in an Emperor's vicinity all became courtiers), was clear to everyone. It was this: the Emperor did not assume the title of commander in chief, but disposed of all the armies; the men around him were his assistants. Arakcheev was a faithful custodian to enforce order and acted as the sovereign's bodyguard. Bennigsen was a landlord in the Vilna province who appeared to be doing the honors of the district, but was in reality a good general, useful as an adviser and ready at hand to replace Barclay. The Grand Duke was there because it suited him to be. The ex-Minister Stein was there because his advice was useful and the Emperor Alexander held him in high esteem personally. Armfeldt virulently hated Napoleon and was a general full of self-confidence, a quality that always influenced Alexander. Paulucci was there because he was bold and decided in speech. The adjutants general were there because they always accompanied the Emperor, and lastly and chiefly Pfuel was there because he had drawn up the plan of campaign against Napoleon and, having induced Alexander to believe in the efficacy of that plan, was directing the whole business of the war. With Pfuel was Wolzogen, who expressed Pfuel's thoughts in a more comprehensible way than Pfuel himself (who was a harsh, bookish theorist, self-confident to the point of despising everyone else) was able to do.

Besides these Russians and foreigners who propounded new and unexpected ideas every day--especially the foreigners, who did so with a boldness characteristic of people employed in a country not their own--there were many secondary personages accompanying the army because their principals were there.

Among the opinions and voices in this immense, restless, brilliant, and proud sphere, Prince Andrew noticed the following sharply defined subdivisions of and parties:

The first party consisted of Pfuel and his adherents--military theorists who believed in a science of war with immutable laws--laws of oblique movements, outflankings, and so forth. Pfuel and his adherents demanded a retirement into the depths of the country in accordance with precise laws defined by a pseudo-theory of war, and they saw only barbarism, ignorance, or evil intention in every deviation from that theory. To this party belonged the foreign nobles,

Wolzogen, Wintzingerode, and others, chiefly Germans.

The second party was directly opposed to the first; one extreme, as always happens, was met by representatives of the other. The members of this party were those who had demanded an advance from Vilna into Poland and freedom from all prearranged plans. Besides being advocates of bold action, this section also represented nationalism, which made them still more one-sided in the dispute. They were Russians: Bagration, Ermolov (who was beginning to come to the front), and others. At that time a famous joke of Ermolov's was being circulated, that as a great favor he had petitioned the Emperor to make him a German. The men of that party, remembering Suvorov, said that what one had to do was not to reason, or stick pins into maps, but to fight, beat the enemy, keep him out of Russia, and not let the army get discouraged.

To the third party--in which the Emperor had most confidence--belonged the courtiers who tried to arrange compromises between the other two. The members of this party, chiefly civilians and to whom Arakcheev belonged, thought and said what men who have no convictions but wish to seem to have some generally say. They said that undoubtedly war, particularly against such a genius as Bonaparte (they called him Bonaparte now), needs most deeply devised plans and profound scientific knowledge and in that respect Pfuel was a genius, but at the same time it had to be acknowledged that the theorists are often one sided, and therefore one should not trust them absolutely, but should also listen to what Pfuel's opponents and practical men of experience in warfare had to say, and then choose a middle course. They insisted on the retention of the camp at Drissa, according to Pfuel's plan, but on changing the movements of the other armies. Though, by this course, neither one aim nor the other could be attained, yet it seemed best to the adherents of this third party.

Of a fourth opinion the most conspicuous representative was the Tsarevich, who could not forget his disillusionment at Austerlitz, where he had ridden out at the head of the Guards, in his casque and cavalry uniform as to a review, expecting to crush the French gallantly; but unexpectedly finding himself in the front line had narrowly escaped amid the general confusion. The men of this party had both the quality and the defect of frankness in their opinions. They feared Napoleon, recognized his strength and their own weakness, and frankly said so. They said: "Nothing but sorrow, shame, and ruin will come of all this! We have abandoned Vilna and Vitebsk and shall abandon Drissa. The only reasonable thing left to do is to conclude peace as soon as possible, before we are turned out of Petersburg."

This view was very general in the upper army circles and found

support also in Petersburg and from the chancellor, Rumyantsev, who, for other reasons of state, was in favor of peace.

The fifth party consisted of those who were adherents of Barclay de Tolly, not so much as a man but as minister of war and commander in chief. "Be he what he may" (they always began like that), "he is an honest, practical man and we have nobody better. Give him real power, for war cannot be conducted successfully without unity of command, and he will show what he can do, as he did in Finland. If our army is well organized and strong and has withdrawn to Drissa without suffering any defeats, we owe this entirely to Barclay. If Barclay is now to be superseded by Bennigsen all will be lost, for Bennigsen showed his incapacity already in 1807."

The sixth party, the Bennigsenites, said, on the contrary, that at any rate there was no one more active and experienced than Bennigsen: "and twist about as you may, you will have to come to Bennigsen eventually. Let the others make mistakes now!" said they, arguing that our retirement to Drissa was a most shameful reverse and an unbroken series of blunders. "The more mistakes that are made the better. It will at any rate be understood all the sooner that things cannot go on like this. What is wanted is not some Barclay or other, but a man like Bennigsen, who made his mark in 1807, and to whom Napoleon himself did justice--a man whose authority would be willingly recognized, and Bennigsen is the only such man."

The seventh party consisted of the sort of people who are always to be found, especially around young sovereigns, and of whom there were particularly many round Alexander--generals and imperial aides-de-camp passionately devoted to the Emperor, not merely as a monarch but as a man, adoring him sincerely and disinterestedly, as Rostov had done in 1805, and who saw in him not only all the virtues but all human capabilities as well. These men, though enchanted with the sovereign for refusing the command of the army, yet blamed him for such excessive modesty, and only desired and insisted that their adored sovereign should abandon his diffidence and openly announce that he would place himself at the head of the army, gather round him a commander in chief's staff, and, consulting experienced theoreticians and practical men where necessary, would himself lead the troops, whose spirits would thereby be raised to the highest pitch.

The eighth and largest group, which in its enormous numbers was to the others as ninety-nine to one, consisted of men who desired neither peace nor war, neither an advance nor a defensive camp at the Drissa or anywhere else, neither Barclay nor the Emperor, neither Pfuell nor Bennigsen, but only the one most essential thing--as much advantage and pleasure for themselves as possible. In the troubled waters of

conflicting and intersecting intrigues that eddied about the Emperor's headquarters, it was possible to succeed in many ways unthinkable at other times. A man who simply wished to retain his lucrative post would today agree with Pfuel, tomorrow with his opponent, and the day after, merely to avoid responsibility or to please the Emperor, would declare that he had no opinion at all on the matter. Another who wished to gain some advantage would attract the Emperor's attention by loudly advocating the very thing the Emperor had hinted at the day before, and would dispute and shout at the council, beating his breast and challenging those who did not agree with him to duels, thereby proving that he was prepared to sacrifice himself for the common good. A third, in the absence of opponents, between two councils would simply solicit a special gratuity for his faithful services, well knowing that at that moment people would be too busy to refuse him. A fourth while seemingly overwhelmed with work would often come accidentally under the Emperor's eye. A fifth, to achieve his long-cherished aim of dining with the Emperor, would stubbornly insist on the correctness or falsity of some newly emerging opinion and for this object would produce arguments more or less forcible and correct.

All the men of this party were fishing for rubles, decorations, and promotions, and in this pursuit watched only the weathercock of imperial favor, and directly they noticed it turning in any direction, this whole drone population of the army began blowing hard that way, so that it was all the harder for the Emperor to turn it elsewhere. Amid the uncertainties of the position, with the menace of serious danger giving a peculiarly threatening character to everything, amid this vortex of intrigue, egotism, conflict of views and feelings, and the diversity of race among these people--this eighth and largest party of those preoccupied with personal interests imparted great confusion and obscurity to the common task. Whatever question arose, a swarm of these drones, without having finished their buzzing on a previous theme, flew over to the new one and by their hum drowned and obscured the voices of those who were disputing honestly.

From among all these parties, just at the time Prince Andrew reached the army, another, a ninth party, was being formed and was beginning to raise its voice. This was the party of the elders, reasonable men experienced and capable in state affairs, who, without sharing any of those conflicting opinions, were able to take a detached view of what was going on at the staff at headquarters and to consider means of escape from this muddle, indecision, intricacy, and weakness.

The men of this party said and thought that what was wrong resulted chiefly from the Emperor's presence in the army with his military court and from the consequent presence there of an indefinite, conditional, and unsteady fluctuation of relations, which is in place at court but harmful in an army; that a sovereign

should reign but not command the army, and that the only way out of the position would be for the Emperor and his court to leave the army; that the mere presence of the Emperor paralyzed the action of fifty thousand men required to secure his personal safety, and that the worst commander in chief if independent would be better than the very best one trammelled by the presence and authority of the monarch.

Just at the time Prince Andrew was living unoccupied at Drissa, Shishkov, the Secretary of State and one of the chief representatives of this party, wrote a letter to the Emperor which Arakcheev and Balashev agreed to sign. In this letter, availing himself of permission given him by the Emperor to discuss the general course of affairs, he respectfully suggested--on the plea that it was necessary for the sovereign to arouse a warlike spirit in the people of the capital--that the Emperor should leave the army.

That arousing of the people by their sovereign and his call to them to defend their country--the very incitement which was the chief cause of Russia's triumph in so far as it was produced by the Tsar's personal presence in Moscow--was suggested to the Emperor, and accepted by him, as a pretext for quitting the army.

CHAPTER X

This letter had not yet been presented to the Emperor when Barclay, one day at dinner, informed Bolkonski that the sovereign wished to see him personally, to question him about Turkey, and that Prince Andrew was to present himself at Bennigsen's quarters at six that evening.

News was received at the Emperor's quarters that very day of a fresh movement by Napoleon which might endanger the army--news subsequently found to be false. And that morning Colonel Michaud had ridden round the Drissa fortifications with the Emperor and had pointed out to him that this fortified camp constructed by Pfuell, and till then considered a chef-d'oeuvre of tactical science which would ensure Napoleon's destruction, was an absurdity, threatening the destruction of the Russian army.

Prince Andrew arrived at Bennigsen's quarters--a country gentleman's house of moderate size, situated on the very banks of the river. Neither Bennigsen nor the Emperor was there, but Chernyshev, the Emperor's aide-de-camp, received Bolkonski and informed him that the

Emperor, accompanied by General Bennigsen and Marquis Paulucci, had gone a second time that day to inspect the fortifications of the Drissa camp, of the suitability of which serious doubts were beginning to be felt.

Chernyshev was sitting at a window in the first room with a French novel in his hand. This room had probably been a music room; there was still an organ in it on which some rugs were piled, and in one corner stood the folding bedstead of Bennigsen's adjutant. This adjutant was also there and sat dozing on the rolled-up bedding, evidently exhausted by work or by feasting. Two doors led from the room, one straight on into what had been the drawing room, and another, on the right, to the study. Through the first door came the sound of voices conversing in German and occasionally in French. In that drawing room were gathered, by the Emperor's wish, not a military council (the Emperor preferred indefiniteness), but certain persons whose opinions he wished to know in view of the impending difficulties. It was not a council of war, but, as it were, a council to elucidate certain questions for the Emperor personally. To this semicouncil had been invited the Swedish General Armfeldt, Adjutant General Wolzogen, Wintzingerode (whom Napoleon had referred to as a renegade French subject), Michaud, Toll, Count Stein who was not a military man at all, and Pfuel himself, who, as Prince Andrew had heard, was the mainspring of the whole affair. Prince Andrew had an opportunity of getting a good look at him, for Pfuel arrived soon after himself and, in passing through to the drawing room, stopped a minute to speak to Chernyshev.

At first sight, Pfuel, in his ill-made uniform of a Russian general, which fitted him badly like a fancy costume, seemed familiar to Prince Andrew, though he saw him now for the first time. There was about him something of Weyrother, Mack, and Schmidt, and many other German theorist-generals whom Prince Andrew had seen in 1805, but he was more typical than any of them. Prince Andrew had never yet seen a German theorist in whom all the characteristics of those others were united to such an extent.

Pfuel was short and very thin but broad-boned, of coarse, robust build, broad in the hips, and with prominent shoulder blades. His face was much wrinkled and his eyes deep set. His hair had evidently been hastily brushed smooth in front of the temples, but stuck up behind in quaint little tufts. He entered the room, looking restlessly and angrily around, as if afraid of everything in that large apartment. Awkwardly holding up his sword, he addressed Chernyshev and asked in German where the Emperor was. One could see that he wished to pass through the rooms as quickly as possible, finish with the bows and greetings, and sit down to business in front of a map, where he would feel at home. He nodded hurriedly in reply to Chernyshev, and

smiled ironically on hearing that the sovereign was inspecting the fortifications that he, Pfuel, had planned in accord with his theory. He muttered something to himself abruptly and in a bass voice, as self-assured Germans do--it might have been "stupid fellow"... or "the whole affair will be ruined," or "something absurd will come of it."... Prince Andrew did not catch what he said and would have passed on, but Chernyshev introduced him to Pfuel, remarking that Prince Andrew was just back from Turkey where the war had terminated so fortunately. Pfuel barely glanced--not so much at Prince Andrew as past him--and said, with a laugh: "That must have been a fine tactical war"; and, laughing contemptuously, went on into the room from which the sound of voices was heard.

Pfuel, always inclined to be irritably sarcastic, was particularly disturbed that day, evidently by the fact that they had dared to inspect and criticize his camp in his absence. From this short interview with Pfuel, Prince Andrew, thanks to his Austerlitz experiences, was able to form a clear conception of the man. Pfuel was one of those hopelessly and immutably self-confident men, self-confident to the point of martyrdom as only Germans are, because only Germans are self-confident on the basis of an abstract notion--science, that is, the supposed knowledge of absolute truth. A Frenchman is self-assured because he regards himself personally, both in mind and body, as irresistibly attractive to men and women. An Englishman is self-assured, as being a citizen of the best-organized state in the world, and therefore as an Englishman always knows what he should do and knows that all he does as an Englishman is undoubtedly correct. An Italian is self-assured because he is excitable and easily forgets himself and other people. A Russian is self-assured just because he knows nothing does not want to know anything, since he does not believe that anything can be known. The German's self-assurance is worst of all, stronger and more repulsive than any other, because he imagines that he knows the truth--science--which he himself has invented but which is for him the absolute truth.

Pfuel was evidently of that sort. He had a science--the theory of oblique movements deduced by him from the history of Frederick the Great's wars, and all he came across in the history of more recent warfare seemed to him absurd and barbarous--monstrous collisions in which so many blunders were committed by both sides that these wars could not be called wars, they did not accord with the theory, and therefore could not serve as material for science.

In 1806 Pfuel had been one of those responsible, for the plan of campaign that ended in Jena and Auerstadt, but he did not see the least proof of the fallibility of his theory in the disasters of that war. On the contrary, the deviations made from his theory were,

in his opinion, the sole cause of the whole disaster, and with characteristically gleeful sarcasm he would remark, "There, I said the whole affair would go to the devil!" Pfuel was one of those theoreticians who so love their theory that they lose sight of the theory's object--its practical application. His love of theory made him hate everything practical, and he would not listen to it. He was even pleased by failures, for failures resulting from deviations in practice from the theory only proved to him the accuracy of his theory.

He said a few words to Prince Andrew and Chernyshev about the present war, with the air of a man who knows beforehand that all will go wrong, and who is not displeased that it should be so. The unbrushed tufts of hair sticking up behind and the hastily brushed hair on his temples expressed this most eloquently.

He passed into the next room, and the deep, querulous sounds of his voice were at once heard from there.

CHAPTER XI

Prince Andrew's eyes were still following Pfuel out of the room when Count Bennigsen entered hurriedly, and nodding to Bolkonski, but not pausing, went into the study, giving instructions to his adjutant as he went. The Emperor was following him, and Bennigsen had hastened on to make some preparations and to be ready to receive the sovereign. Chernyshev and Prince Andrew went out into the porch, where the Emperor, who looked fatigued, was dismounting. Marquis Paulucci was talking to him with particular warmth and the Emperor, with his head bent to the left, was listening with a dissatisfied air. The Emperor moved forward evidently wishing to end the conversation, but the flushed and excited Italian, oblivious of decorum, followed him and continued to speak.

"And as for the man who advised forming this camp--the Drissa camp," said Paulucci, as the Emperor mounted the steps and noticing Prince Andrew scanned his unfamiliar face, "as to that person, sire..." continued Paulucci, desperately, apparently unable to restrain himself, "the man who advised the Drissa camp--I see no alternative but the lunatic asylum or the gallows!"

Without heeding the end of the Italian's remarks, and as though not hearing them, the Emperor, recognizing Bolkonski, addressed him

graciously.

"I am very glad to see you! Go in there where they are meeting, and wait for me."

The Emperor went into the study. He was followed by Prince Peter Mikhaylovich Volkonski and Baron Stein, and the door closed behind them. Prince Andrew, taking advantage of the Emperor's permission, accompanied Paulucci, whom he had known in Turkey, into the drawing room where the council was assembled.

Prince Peter Mikhaylovich Volkonski occupied the position, as it were, of chief of the Emperor's staff. He came out of the study into the drawing room with some maps which he spread on a table, and put questions on which he wished to hear the opinion of the gentlemen present. What had happened was that news (which afterwards proved to be false) had been received during the night of a movement by the French to outflank the Drissa camp.

The first to speak was General Armfeldt who, to meet the difficulty that presented itself, unexpectedly proposed a perfectly new position away from the Petersburg and Moscow roads. The reason for this was inexplicable (unless he wished to show that he, too, could have an opinion), but he urged that at this point the army should unite and there await the enemy. It was plain that Armfeldt had thought out that plan long ago and now expounded it not so much to answer the questions put--which, in fact, his plan did not answer--as to avail himself of the opportunity to air it. It was one of the millions of proposals, one as good as another, that could be made as long as it was quite unknown what character the war would take. Some disputed his arguments, others defended them. Young Count Toll objected to the Swedish general's views more warmly than anyone else, and in the course of the dispute drew from his side pocket a well-filled notebook, which he asked permission to read to them. In these voluminous notes Toll suggested another scheme, totally different from Armfeldt's or Pfuel's plan of campaign. In answer to Toll, Paulucci suggested an advance and an attack, which, he urged, could alone extricate us from the present uncertainty and from the trap (as he called the Drissa camp) in which we were situated.

During all these discussions Pfuel and his interpreter, Wolzogen (his "bridge" in court relations), were silent. Pfuel only snorted contemptuously and turned away, to show that he would never demean himself by replying to such nonsense as he was now hearing. So when Prince Volkonski, who was in the chair, called on him to give his opinion, he merely said:

"Why ask me? General Armfeldt has proposed a splendid position

with an exposed rear, or why not this Italian gentleman's attack--very fine, or a retreat, also good! Why ask me?" said he. "Why, you yourselves know everything better than I do."

But when Volkonski said, with a frown, that it was in the Emperor's name that he asked his opinion, Pfuel rose and, suddenly growing animated, began to speak:

"Everything has been spoiled, everything muddled, everybody thought they knew better than I did, and now you come to me! How mend matters? There is nothing to mend! The principles laid down by me must be strictly adhered to," said he, drumming on the table with his bony fingers. "What is the difficulty? Nonsense, childishness!"

He went up to the map and speaking rapidly began proving that no eventuality could alter the efficiency of the Drissa camp, that everything had been foreseen, and that if the enemy were really going to outflank it, the enemy would inevitably be destroyed.

Paulucci, who did not know German, began questioning him in French. Wolzogen came to the assistance of his chief, who spoke French badly, and began translating for him, hardly able to keep pace with Pfuel, who was rapidly demonstrating that not only all that had happened, but all that could happen, had been foreseen in his scheme, and that if there were now any difficulties the whole fault lay in the fact that his plan had not been precisely executed. He kept laughing sarcastically, he demonstrated, and at last contemptuously ceased to demonstrate, like a mathematician who ceases to prove in various ways the accuracy of a problem that has already been proved. Wolzogen took his place and continued to explain his views in French, every now and then turning to Pfuel and saying, "Is it not so, your excellency?" But Pfuel, like a man heated in a fight who

strikes those on his own side, shouted angrily at his own supporter, Wolzogen:

"Well, of course, what more is there to explain?"

Paulucci and Michaud both attacked Wolzogen simultaneously in French. Armfeldt addressed Pfuel in German. Toll explained to Volkonski in Russian. Prince Andrew listened and observed in silence.

Of all these men Prince Andrew sympathized most with Pfuel, angry, determined, and absurdly self-confident as he was. Of all those present, evidently he alone was not seeking anything for himself, nursed no hatred against anyone, and only desired that the plan, formed on a theory arrived at by years of toil, should be carried out. He was ridiculous, and unpleasantly sarcastic, but yet he inspired

involuntary respect by his boundless devotion to an idea. Besides this, the remarks of all except Pfuel had one common trait that had not been noticeable at the council of war in 1805: there was now a panic fear of Napoleon's genius, which, though concealed, was noticeable in every rejoinder. Everything was assumed to be possible for Napoleon, they expected him from every side, and invoked his terrible name to shatter each other's proposals. Pfuel alone seemed to consider Napoleon a barbarian like everyone else who opposed his theory. But besides this feeling of respect, Pfuel evoked pity in Prince Andrew. From the tone in which the courtiers addressed him and the way Paulucci had allowed himself to speak of him to the Emperor, but above all from a certain desperation in Pfuel's own expressions, it was clear that the others knew, and Pfuel himself felt, that his fall was at hand. And despite his self-confidence and grumpy German sarcasm he was pitiable, with his hair smoothly brushed on the temples and sticking up in tufts behind. Though he concealed the fact under a show of irritation and contempt, he was evidently in despair that the sole remaining chance of verifying his theory by a huge experiment and proving its soundness to the whole world was slipping away from him.

The discussions continued a long time, and the longer they lasted the more heated became the disputes, culminating in shouts and personalities, and the less was it possible to arrive at any general conclusion from all that had been said. Prince Andrew, listening to this polyglot talk and to these surmises, plans, refutations, and shouts, felt nothing but amazement at what they were saying. A thought that had long since and often occurred to him during his military activities--the idea that there is not and cannot be any science of war, and that therefore there can be no such thing as a military genius--now appeared to him an obvious truth. "What theory and science is possible about a matter the conditions and circumstances of which are unknown and cannot be defined, especially when the strength of the acting forces cannot be ascertained? No one was or is able to foresee in what condition our or the enemy's armies will be in a day's time, and no one can gauge the force of this or that detachment. Sometimes--when there is not a coward at the front to shout, 'We are cut off!' and start running, but a brave and jolly lad who shouts, 'Hurrah!'--a detachment of five thousand is worth thirty thousand, as at Schon Grabern, while at times fifty thousand run from eight thousand, as at Austerlitz. What science can there be in a matter in which, as in all practical matters, nothing can be defined and everything depends on innumerable conditions, the significance of which is determined at a particular moment which arrives no one knows when? Armfeldt says our army is cut in half, and Paulucci says we have got the French army between two fires; Michaud says that the worthlessness of the Drissa camp lies in having the river behind it, and Pfuel says that is what constitutes its strength; Toll proposes

one plan, Armfeldt another, and they are all good and all bad, and the advantages of any suggestions can be seen only at the moment of trial. And why do they all speak of a 'military genius'? Is a man a genius who can order bread to be brought up at the right time and say who is to go to the right and who to the left? It is only because military men are invested with pomp and power and crowds of sycophants flatter power, attributing to it qualities of genius it does not possess. The best generals I have known were, on the contrary, stupid or absent-minded men. Bagration was the best, Napoleon himself admitted that. And of Bonaparte himself! I remember his limited, self-satisfied face on the field of Austerlitz. Not only does a good army commander not need any special qualities, on the contrary he needs the absence of the highest and best human attributes--love, poetry, tenderness, and philosophic inquiring doubt. He should be limited, firmly convinced that what he is doing is very important (otherwise he will not have sufficient patience), and only then will he be a brave leader. God forbid that he should be humane, should love, or pity, or think of what is just and unjust. It is understandable that a theory of their 'genius' was invented for them long ago because they have power! The success of a military action depends not on them, but on the man in the ranks who shouts, 'We are lost!' or who shouts, 'Hurrah!' And only in the ranks can one serve with assurance of being useful."

So thought Prince Andrew as he listened to the talking, and he roused himself only when Paulucci called him and everyone was leaving.

At the review next day the Emperor asked Prince Andrew where he would like to serve, and Prince Andrew lost his standing in court circles forever by not asking to remain attached to the sovereign's person, but for permission to serve in the army.

CHAPTER XII

Before the beginning of the campaign, Rostov had received a letter from his parents in which they told him briefly of Natasha's illness and the breaking off of her engagement to Prince Andrew (which they explained by Natasha's having rejected him) and again asked Nicholas to retire from the army and return home. On receiving this letter, Nicholas did not even make any attempt to get leave of absence or to retire from the army, but wrote to his parents that he was sorry Natasha was ill and her engagement broken off, and that he would do all he could to meet their wishes. To Sonya he wrote separately.

"Adored friend of my soul!" he wrote. "Nothing but honor could keep me from returning to the country. But now, at the commencement of the campaign, I should feel dishonored, not only in my comrades' eyes but in my own, if I preferred my own happiness to my love and duty to the Fatherland. But this shall be our last separation. Believe me, directly the war is over, if I am still alive and still loved by you, I will throw up everything and fly to you, to press you forever to my ardent breast."

It was, in fact, only the commencement of the campaign that prevented Rostov from returning home as he had promised and marrying Sonya. The autumn in Otradnoe with the hunting, and the winter with the Christmas holidays and Sonya's love, had opened out to him a vista of tranquil rural joys and peace such as he had never known before, and which now allured him. "A splendid wife, children, a good pack of hounds, a dozen leashes of smart borzois, agriculture, neighbors, service by election..." thought he. But now the campaign was beginning, and he had to remain with his regiment. And since it had to be so, Nicholas Rostov, as was natural to him, felt contented with the life he led in the regiment and was able to find pleasure in that life.

On his return from his furlough Nicholas, having been joyfully welcomed by his comrades, was sent to obtain remounts and brought back from the Ukraine excellent horses which pleased him and earned him commendation from his commanders. During his absence he had been promoted captain, and when the regiment was put on war footing with an increase in numbers, he was again allotted his old squadron.

The campaign began, the regiment was moved into Poland on double pay, new officers arrived, new men and horses, and above all everybody was infected with the merrily excited mood that goes with the commencement of a war, and Rostov, conscious of his advantageous position in the regiment, devoted himself entirely to the pleasures and interests of military service, though he knew that sooner or later he would have to relinquish them.

The troops retired from Vilna for various complicated reasons of state, political and strategic. Each step of the retreat was accompanied by a complicated interplay of interests, arguments, and passions at headquarters. For the Pavlograd hussars, however, the whole of this retreat during the finest period of summer and with sufficient supplies was a very simple and agreeable business.

It was only at headquarters that there was depression, uneasiness, and intriguing; in the body of the army they did not ask themselves where they were going or why. If they regretted having to retreat,

it was only because they had to leave billets they had grown accustomed to, or some pretty young Polish lady. If he thought that things looked bad chanced to enter anyone's head, he tried to be as cheerful as befits a good soldier and not to think of the general trend of affairs, but only of the task nearest to hand. First they camped gaily before Vilna, making acquaintance with the Polish landowners, preparing for reviews and being reviewed by the Emperor and other high commanders. Then came an order to retreat to Sventsyani and destroy any provisions they could not carry away with them. Sventsyani was remembered by the hussars only as the drunken camp, a name the whole army gave to their encampment there, and because many complaints were made against the troops, who, taking advantage of the order to collect provisions, took also horses, carriages, and carpets from the Polish proprietors. Rostov remembered Sventsyani, because on the first day of their arrival at that small town he changed his sergeant major and was unable to manage all the drunken men of his squadron who, unknown to him, had appropriated five barrels of old beer. From Sventsyani they retired farther and farther to Drissa, and thence again beyond Drissa, drawing near to the frontier of Russia proper.

On the thirteenth of July the Pavlograds took part in a serious action for the first time.

On the twelfth of July, on the eve of that action, there was a heavy storm of rain and hail. In general, the summer of 1812 was remarkable for its storms.

The two Pavlograd squadrons were bivouacking on a field of rye, which was already in ear but had been completely trodden down by cattle and horses. The rain was descending in torrents, and Rostov, with a young officer named Ilyin, his protege, was sitting in a hastily constructed shelter. An officer of their regiment, with long mustaches extending onto his cheeks, who after riding to the staff had been overtaken by the rain, entered Rostov's shelter.

"I have come from the staff, Count. Have you heard of Raevski's exploit?"

And the officer gave them details of the Saltanov battle, which he had heard at the staff.

Rostov, smoking his pipe and turning his head about as the water trickled down his neck, listened inattentively, with an occasional glance at Ilyin, who was pressing close to him. This officer, a lad of sixteen who had recently joined the regiment, was now in the same relation to Nicholas that Nicholas had been to Denisov seven years before. Ilyin tried to imitate Rostov in everything and adored him

as a girl might have done.

Zdrzhinski, the officer with the long mustache, spoke grandiloquently of the Saltanov dam being "a Russian Thermopylae," and of how a deed worthy of antiquity had been performed by General Raevski. He recounted how Raevski had led his two sons onto the dam under terrific fire and had charged with them beside him. Rostov heard the story and not only said nothing to encourage Zdrzhinski's enthusiasm but, on the contrary, looked like a man ashamed of what he was hearing, though with no intention of contradicting it. Since the campaigns of Austerlitz and of 1807 Rostov knew by experience that men always lie when describing military exploits, as he himself had done when recounting them; besides that, he had experience enough to know that nothing happens in war at all as we can imagine or relate it. And so he did not like Zdrzhinski's tale, nor did he like Zdrzhinski himself who, with his mustaches extending over his cheeks, bent low over the face of his hearer, as was his habit, and crowded Rostov in the narrow shanty. Rostov looked at him in silence. "In the first place, there must have been such a confusion and crowding on the dam that was being attacked that if Raevski did lead his sons there, it could have had no effect except perhaps on some dozen men nearest to him," thought he, "the rest could not have seen how or with whom Raevski came onto the dam. And even those who did see it would not have been much stimulated by it, for what had they to do with Raevski's tender paternal feelings when their own skins were in danger? And besides, the fate of the Fatherland did not depend on whether they took the Saltanov dam or not, as we are told was the case at Thermopylae. So why should he have made such a sacrifice? And why expose his own children in the battle? I would not have taken my brother Petya there, or even Ilyin, who's a stranger to me but a nice lad, but would have tried to put them somewhere under cover," Nicholas continued to think, as he listened to Zdrzhinski. But he did not express his thoughts, for in such matters, too, he had gained experience. He knew that this tale redounded to the glory of our arms and so one had to pretend not to doubt it. And he acted accordingly.

"I can't stand this any more," said Ilyin, noticing that Rostov did not relish Zdrzhinski's conversation. "My stockings and shirt... and the water is running on my seat! I'll go and look for shelter. The rain seems less heavy."

Ilyin went out and Zdrzhinski rode away.

Five minutes later Ilyin, splashing through the mud, came running back to the shanty.

"Hurrah! Rostov, come quick! I've found it! About two hundred

yards away there's a tavern where ours have already gathered. We can at least get dry there, and Mary Hendrikhovna's there."

Mary Hendrikhovna was the wife of the regimental doctor, a pretty young German woman he had married in Poland. The doctor, whether from lack of means or because he did not like to part from his young wife in the early days of their marriage, took her about with him wherever the hussar regiment went and his jealousy had become a standing joke among the hussar officers.

Rostov threw his cloak over his shoulders, shouted to Lavrushka to follow with the things, and--now slipping in the mud, now splashing right through it--set off with Ilyin in the lessening rain and the darkness that was occasionally rent by distant lightning.

"Rostov, where are you?"

"Here. What lightning!" they called to one another.

CHAPTER XIII

In the tavern, before which stood the doctor's covered cart, there were already some five officers. Mary Hendrikhovna, a plump little blonde German, in a dressing jacket and nightcap, was sitting on a broad bench in the front corner. Her husband, the doctor, lay asleep behind her. Rostov and Ilyin, on entering the room, were welcomed with merry shouts and laughter.

"Dear me, how jolly we are!" said Rostov laughing.

"And why do you stand there gaping?"

"What swells they are! Why, the water streams from them! Don't make our drawing room so wet."

"Don't mess Mary Hendrikhovna's dress!" cried other voices.

Rostov and Ilyin hastened to find a corner where they could change into dry clothes without offending Mary Hendrikhovna's modesty. They were going into a tiny recess behind a partition to change, but found it completely filled by three officers who sat playing cards by the light of a solitary candle on an empty box, and these officers would on no account yield their position. Mary Hendrikhovna

obliged them with the loan of a petticoat to be used as a curtain, and behind that screen Rostov and Ilyin, helped by Lavrushka who had brought their kits, changed their wet things for dry ones.

A fire was made up in the dilapidated brick stove. A board was found, fixed on two saddles and covered with a horsecloth, a small samovar was produced and a cellaret and half a bottle of rum, and having asked Mary Hendrikhovna to preside, they all crowded round her. One offered her a clean handkerchief to wipe her charming hands, another spread a jacket under her little feet to keep them from the damp, another hung his coat over the window to keep out the draft, and yet another waved the flies off her husband's face, lest he should wake up.

"Leave him alone," said Mary Hendrikhovna, smiling timidly and happily. "He is sleeping well as it is, after a sleepless night."

"Oh, no, Mary Hendrikhovna," replied the officer, "one must look after the doctor. Perhaps he'll take pity on me someday, when it comes to cutting off a leg or an arm for me."

There were only three tumblers, the water was so muddy that one could not make out whether the tea was strong or weak, and the samovar held only six tumblers of water, but this made it all the pleasanter to take turns in order of seniority to receive one's tumbler from Mary Hendrikhovna's plump little hands with their short and not overclean nails. All the officers appeared to be, and really were, in love with her that evening. Even those playing cards behind the partition soon left their game and came over to the samovar, yielding to the general mood of courting Mary Hendrikhovna. She, seeing herself surrounded by such brilliant and polite young men, beamed with satisfaction, try as she might to hide it, and perturbed as she evidently was each time her husband moved in his sleep behind her.

There was only one spoon, sugar was more plentiful than anything else, but it took too long to dissolve, so it was decided that Mary Hendrikhovna should stir the sugar for everyone in turn. Rostov received his tumbler, and adding some rum to it asked Mary Hendrikhovna to stir it.

"But you take it without sugar?" she said, smiling all the time, as if everything she said and everything the others said was very amusing and had a double meaning.

"It is not the sugar I want, but only that your little hand should stir my tea."

Mary Hendrikhovna assented and began looking for the spoon which

someone meanwhile had pounced on.

"Use your finger, Mary Hendrikhovna, it will be still nicer," said Rostov.

"Too hot!" she replied, blushing with pleasure.

Ilyin put a few drops of rum into the bucket of water and brought it to Mary Hendrikhovna, asking her to stir it with her finger.

"This is my cup," said he. "Only dip your finger in it and I'll drink it all up."

When they had emptied the samovar, Rostov took a pack of cards and proposed that they should play "Kings" with Mary Hendrikhovna. They drew lots to settle who should make up her set. At Rostov's suggestion it was agreed that whoever became "King" should have the right to kiss Mary Hendrikhovna's hand, and that the "Booby" should go to refill and reheat the samovar for the doctor when the latter awoke.

"Well, but supposing Mary Hendrikhovna is 'King'?" asked Ilyin.

"As it is, she is Queen, and her word is law!"

They had hardly begun to play before the doctor's disheveled head suddenly appeared from behind Mary Hendrikhovna. He had been awake for some time, listening to what was being said, and evidently found nothing entertaining or amusing in what was going on. His face was sad and depressed. Without greeting the officers, he scratched himself and asked to be allowed to pass as they were blocking the way. As soon as he had left the room all the officers burst into loud laughter and Mary Hendrikhovna blushed till her eyes filled with tears and thereby became still more attractive to them. Returning from the yard, the doctor told his wife (who had ceased to smile so happily, and looked at him in alarm, awaiting her sentence) that the rain had ceased and they must go to sleep in their covered cart, or everything in it would be stolen.

"But I'll send an orderly.... Two of them!" said Rostov. "What an idea, doctor!"

"I'll stand guard on it myself!" said Ilyin.

"No, gentlemen, you have had your sleep, but I have not slept for two nights," replied the doctor, and he sat down morosely beside his wife, waiting for the game to end.

Seeing his gloomy face as he frowned at his wife, the officers

grew still merrier, and some of them could not refrain from laughter, for which they hurriedly sought plausible pretexts. When he had gone, taking his wife with him, and had settled down with her in their covered cart, the officers lay down in the tavern, covering themselves with their wet cloaks, but they did not sleep for a long time; now they exchanged remarks, recalling the doctor's uneasiness and his wife's delight, now they ran out into the porch and reported what was taking place in the covered trap. Several times Rostov, covering his head, tried to go to sleep, but some remark would arouse him and conversation would be resumed, to the accompaniment of unreasoning, merry, childlike laughter.

CHAPTER XIV

It was nearly three o'clock but no one was yet asleep, when the quartermaster appeared with an order to move on to the little town of Ostrovna. Still laughing and talking, the officers began hurriedly getting ready and again boiled some muddy water in the samovar. But Rostov went off to his squadron without waiting for tea. Day was breaking, the rain had ceased, and the clouds were dispersing. It felt damp and cold, especially in clothes that were still moist. As they left the tavern in the twilight of the dawn, Rostov and Ilyin both glanced under the wet and glistening leather hood of the doctor's cart, from under the apron of which his feet were sticking out, and in the middle of which his wife's nightcap was visible and her sleepy breathing audible.

"She really is a dear little thing," said Rostov to Ilyin, who was following him.

"A charming woman!" said Ilyin, with all the gravity of a boy of sixteen.

Half an hour later the squadron was lined up on the road. The command was heard to "mount" and the soldiers crossed themselves and mounted. Rostov riding in front gave the order "Forward!" and the hussars, with clanking sabers and subdued talk, their horses' hoofs splashing in the mud, defiled in fours and moved along the broad road planted with birch trees on each side, following the infantry and a battery that had gone on in front.

Tattered, blue-purple clouds, reddening in the east, were scudding before the wind. It was growing lighter and lighter. That curly

grass which always grows by country roadsides became clearly visible, still wet with the night's rain; the drooping branches of the birches, also wet, swayed in the wind and flung down bright drops of water to one side. The soldiers' faces were more and more clearly visible. Rostov, always closely followed by Ilyin, rode along the side of the road between two rows of birch trees.

When campaigning, Rostov allowed himself the indulgence of riding not a regimental but a Cossack horse. A judge of horses and a sportsman, he had lately procured himself a large, fine, mettlesome, Donets horse, dun-colored, with light mane and tail, and when he rode it no one could outgallop him. To ride this horse was a pleasure to him, and he thought of the horse, of the morning, of the doctor's wife, but not once of the impending danger.

Formerly, when going into action, Rostov had felt afraid; now he had not the least feeling of fear. He was fearless, not because he had grown used to being under fire (one cannot grow used to danger), but because he had learned how to manage his thoughts when in danger. He had grown accustomed when going into action to think about anything but what would seem most likely to interest him--the impending danger. During the first period of his service, hard as he tried and much as he reproached himself with cowardice, he had not been able to do this, but with time it had come of itself. Now he rode beside Ilyin under the birch trees, occasionally plucking leaves from a branch that met his hand, sometimes touching his horse's side with his foot, or, without turning round, handing a pipe he had finished to an hussar riding behind him, with as calm and careless an air as though he were merely out for a ride. He glanced with pity at the excited face of Ilyin, who talked much and in great agitation. He knew from experience the tormenting expectation of terror and death the cornet was suffering and knew that only time could help him.

As soon as the sun appeared in a clear strip of sky beneath the clouds, the wind fell, as if it dared not spoil the beauty of the summer morning after the storm; drops still continued to fall, but vertically now, and all was still. The whole sun appeared on the horizon and disappeared behind a long narrow cloud that hung above it. A few minutes later it reappeared brighter still from behind the top of the cloud, tearing its edge. Everything grew bright and glittered. And with that light, and as if in reply to it, came the sound of guns ahead of them.

Before Rostov had had time to consider and determine the distance of that firing, Count Ostermann-Tolstoy's adjutant came galloping from Vitebsk with orders to advance at a trot along the road.

The squadron overtook and passed the infantry and the battery--which

had also quickened their pace--rode down a hill, and passing through an empty and deserted village again ascended. The horses began to lather and the men to flush.

"Halt! Dress your ranks!" the order of the regimental commander was heard ahead. "Forward by the left. Walk, march!" came the order from in front.

And the hussars, passing along the line of troops on the left flank of our position, halted behind our Uhlans who were in the front line. To the right stood our infantry in a dense column: they were the reserve. Higher up the hill, on the very horizon, our guns were visible through the wonderfully clear air, brightly illuminated by slanting morning sunbeams. In front, beyond a hollow dale, could be seen the enemy's columns and guns. Our advanced line, already in action, could be heard briskly exchanging shots with the enemy in the dale.

At these sounds, long unheard, Rostov's spirits rose, as at the strains of the merriest music. Trap-ta-ta-tap! cracked the shots, now together, now several quickly one after another. Again all was silent and then again it sounded as if someone were walking on detonators and exploding them.

The hussars remained in the same place for about an hour. A cannonade began. Count Ostermann with his suite rode up behind the squadron, halted, spoke to the commander of the regiment, and rode up the hill to the guns.

After Ostermann had gone, a command rang out to the Uhlans.

"Form column! Prepare to charge!"

The infantry in front of them parted into platoons to allow the cavalry to pass. The Uhlans started, the streamers on their spears fluttering, and trotted downhill toward the French cavalry which was seen below to the left.

As soon as the Uhlans descended the hill, the hussars were ordered up the hill to support the battery. As they took the places vacated by the Uhlans, bullets came from the front, whining and whistling, but fell spent without taking effect.

The sounds, which he had not heard for so long, had an even more pleasurable and exhilarating effect on Rostov than the previous sounds of firing. Drawing himself up, he viewed the field of battle opening out before him from the hill, and with his whole soul followed the movement of the Uhlans. They swooped down close to the French

dragoons, something confused happened there amid the smoke, and five minutes later our Uhlans were galloping back, not to the place they had occupied but more to the left, and among the orange-colored Uhlans on chestnut horses and behind them, in a large group, blue French dragoons on gray horses could be seen.

CHAPTER XV

Rostov, with his keen sportsman's eye, was one of the first to catch sight of these blue French dragoons pursuing our Uhlans. Nearer and nearer in disorderly crowds came the Uhlans and the French dragoons pursuing them. He could already see how these men, who looked so small at the foot of the hill, jostled and overtook one another, waving their arms and their sabers in the air.

Rostov gazed at what was happening before him as at a hunt. He felt instinctively that if the hussars struck at the French dragoons now, the latter could not withstand them, but if a charge was to be made it must be done now, at that very moment, or it would be too late. He looked around. A captain, standing beside him, was gazing like himself with eyes fixed on the cavalry below them.

"Andrew Sevastyanych!" said Rostov. "You know, we could crush them...."

"A fine thing too!" replied the captain, "and really..."

Rostov, without waiting to hear him out, touched his horse, galloped to the front of his squadron, and before he had time to finish giving the word of command, the whole squadron, sharing his feeling, was following him. Rostov himself did not know how or why he did it. He acted as he did when hunting, without reflecting or considering. He saw the dragoons near and that they were galloping in disorder; he knew they could not withstand an attack--knew there was only that moment and that if he let it slip it would not return. The bullets were whining and whistling so stimulatingly around him and his horse was so eager to go that he could not restrain himself. He touched his horse, gave the word of command, and immediately, hearing behind him the tramp of the horses of his deployed squadron, rode at full trot downhill toward the dragoons. Hardly had they reached the bottom of the hill before their pace instinctively changed to a gallop, which grew faster and faster as they drew nearer to our Uhlans and the French dragoons who galloped after them. The dragoons were now

close at hand. On seeing the hussars, the foremost began to turn, while those behind began to halt. With the same feeling with which he had galloped across the path of a wolf, Rostov gave rein to his Donets horse and galloped to intersect the path of the dragoons' disordered lines. One Uhlan stopped, another who was on foot flung himself to the ground to avoid being knocked over, and a riderless horse fell in among the hussars. Nearly all the French dragoons were galloping back. Rostov, picking out one on a gray horse, dashed after him. On the way he came upon a bush, his gallant horse cleared it, and almost before he had righted himself in his saddle he saw that he would immediately overtake the enemy he had selected. That Frenchman, by his uniform an officer, was going at a gallop, crouching on his gray horse and urging it on with his saber. In another moment Rostov's horse dashed its breast against the hindquarters of the officer's horse, almost knocking it over, and at the same instant Rostov, without knowing why, raised his saber and struck the Frenchman with it.

The instant he had done this, all Rostov's animation vanished. The officer fell, not so much from the blow--which had but slightly cut his arm above the elbow--as from the shock to his horse and from fright. Rostov reined in his horse, and his eyes sought his foe to see whom he had vanquished. The French dragoon officer was hopping with one foot on the ground, the other being caught in the stirrup. His eyes, screwed up with fear as if he every moment expected another blow, gazed up at Rostov with shrinking terror. His pale and mud-stained face--fair and young, with a dimple in the chin and light-blue eyes--was not an enemy's face at all suited to a battlefield, but a most ordinary, homelike face. Before Rostov had decided what to do with him, the officer cried, "I surrender!" He hurriedly but vainly tried to get his foot out of the stirrup and did not remove his frightened blue eyes from Rostov's face. Some hussars who galloped up disengaged his foot and helped him into the saddle. On all sides, the hussars were busy with the dragoons; one was wounded, but though his face was bleeding, he would not give up his horse; another was perched up behind an hussar with his arms round him; a third was being helped by an hussar to mount his horse. In front, the French infantry were firing as they ran. The hussars galloped hastily back with their prisoners. Rostov galloped back with the rest, aware of an unpleasant feeling of depression in his heart. Something vague and confused, which he could not at all account for, had come over him with the capture of that officer and the blow he had dealt him.

Count Ostermann-Tolstoy met the returning hussars, sent for Rostov, thanked him, and said he would report his gallant deed to the Emperor and would recommend him for a St. George's Cross. When sent for by Count Ostermann, Rostov, remembering that he had charged

without orders, felt sure his commander was sending for him to punish him for breach of discipline. Ostermann's flattering words and promise of a reward should therefore have struck him all the more pleasantly, but he still felt that same vaguely disagreeable feeling of moral nausea. "But what on earth is worrying me?" he asked himself as he rode back from the general. "Ilyin? No, he's safe. Have I disgraced myself in any way? No, that's not it." Something else, resembling remorse, tormented him. "Yes, oh yes, that French officer with the dimple. And I remember how my arm paused when I raised it."

Rostov saw the prisoners being led away and galloped after them to have a look at his Frenchman with the dimple on his chin. He was sitting in his foreign uniform on an hussar packhorse and looked anxiously about him; The sword cut on his arm could scarcely be called a wound. He glanced at Rostov with a feigned smile and waved his hand in greeting. Rostov still had the same indefinite feeling, as of shame.

All that day and the next his friends and comrades noticed that Rostov, without being dull or angry, was silent, thoughtful, and preoccupied. He drank reluctantly, tried to remain alone, and kept turning something over in his mind.

Rostov was always thinking about that brilliant exploit of his, which to his amazement had gained him the St. George's Cross and even given him a reputation for bravery, and there was something he could not at all understand. "So others are even more afraid than I am!" he thought. "So that's all there is in what is called heroism! And heroism! And did I do it for my country's sake? And how was he to blame, with his dimple and blue eyes? And how frightened he was! He thought that I should kill him. Why should I kill him? My hand trembled. And they have given me a St. George's Cross.... I can't make it out at all."

But while Nicholas was considering these questions and still could reach no clear solution of what puzzled him so, the wheel of fortune in the service, as often happens, turned in his favor. After the affair at Ostrovna he was brought into notice, received command of an hussar battalion, and when a brave officer was needed he was chosen.

CHAPTER XVI

On receiving news of Natasha's illness, the countess, though not quite well yet and still weak, went to Moscow with Petya and the rest of the household, and the whole family moved from Marya Dmitrievna's house to their own and settled down in town.

Natasha's illness was so serious that, fortunately for her and for her parents, the consideration of all that had caused the illness, her conduct and the breaking off of her engagement, receded into the background. She was so ill that it was impossible for them to consider in how far she was to blame for what had happened. She could not eat or sleep, grew visibly thinner, coughed, and, as the doctors made them feel, was in danger. They could not think of anything but how to help her. Doctors came to see her singly and in consultation, talked much in French, German, and Latin, blamed one another, and prescribed a great variety of medicines for all the diseases known to them, but the simple idea never occurred to any of them that they could not know the disease Natasha was suffering from, as no disease suffered by a live man can be known, for every living person has his own peculiarities and always has his own peculiar, personal, novel, complicated disease, unknown to medicine--not a disease of the lungs, liver, skin, heart, nerves, and so on mentioned in medical books, but a disease consisting of one of the innumerable combinations of the maladies of those organs. This simple thought could not occur to the doctors (as it cannot occur to a wizard that he is unable to work his charms) because the business of their lives was to cure, and they received money for it and had spent the best years of their lives on that business. But, above all, that thought was kept out of their minds by the fact that they saw they were really useful, as in fact they were to the whole Rostov family. Their usefulness did not depend on making the patient swallow substances for the most part harmful (the harm was scarcely perceptible, as they were given in small doses), but they were useful, necessary, and indispensable because they satisfied a mental need of the invalid and of those who loved her--and that is why there are, and always will be, pseudo-healers, wise women, homeopaths, and allopaths. They satisfied that eternal human need for hope of relief, for sympathy, and that something should be done, which is felt by those who are suffering. They satisfied the need seen in its most elementary form in a child, when it wants to have a place rubbed that has been hurt. A child knocks itself and runs at once to the arms of its mother or nurse to have the aching spot rubbed or kissed, and it feels better when this is done. The child cannot believe that the strongest and wisest of its people have no remedy for its pain, and the hope of relief and the expression of its mother's sympathy while she rubs the bump comforts it. The doctors were of use to Natasha because they kissed and rubbed her bump, assuring her that it would soon pass if only the coachman went to the chemist's in the Arbat and got a

powder and some pills in a pretty box of a ruble and seventy kopeks, and if she took those powders in boiled water at intervals of precisely two hours, neither more nor less.

What would Sonya and the count and countess have done, how would they have looked, if nothing had been done, if there had not been those pills to give by the clock, the warm drinks, the chicken cutlets, and all the other details of life ordered by the doctors, the carrying out of which supplied an occupation and consolation to the family circle? How would the count have borne his dearly loved daughter's illness had he not known that it was costing him a thousand rubles, and that he would not grudge thousands more to benefit her, or had he not known that if her illness continued he would not grudge yet other thousands and would take her abroad for consultations there, and had he not been able to explain the details of how Metivier and Feller had not understood the symptoms, but Frise had, and Mudrov had diagnosed them even better? What would the countess have done had she not been able sometimes to scold the invalid for not strictly obeying the doctor's orders?

"You'll never get well like that," she would say, forgetting her grief in her vexation, "if you won't obey the doctor and take your medicine at the right time! You mustn't trifle with it, you know, or it may turn to pneumonia," she would go on, deriving much comfort from the utterance of that foreign word, incomprehensible to others as well as to herself.

What would Sonya have done without the glad consciousness that she had not undressed during the first three nights, in order to be ready to carry out all the doctor's injunctions with precision, and that she still kept awake at night so as not to miss the proper time when the slightly harmful pills in the little gilt box had to be administered? Even to Natasha herself it was pleasant to see that so many sacrifices were being made for her sake, and to know that she had to take medicine at certain hours, though she declared that no medicine would cure her and that it was all nonsense. And it was even pleasant to be able to show, by disregarding the orders, that she did not believe in medical treatment and did not value her life.

The doctor came every day, felt her pulse, looked at her tongue, and regardless of her grief-stricken face joked with her. But when he had gone into another room, to which the countess hurriedly followed him, he assumed a grave air and thoughtfully shaking his head said that though there was danger, he had hopes of the effect of this last medicine and one must wait and see, that the malady was chiefly mental, but... And the countess, trying to conceal the action from herself and from him, slipped a gold coin into his hand and always returned to the patient with a more tranquil mind.

The symptoms of Natasha's illness were that she ate little, slept little, coughed, and was always low-spirited. The doctors said that she could not get on without medical treatment, so they kept her in the stifling atmosphere of the town, and the Rostovs did not move to the country that summer of 1812.

In spite of the many pills she swallowed and the drops and powders out of the little bottles and boxes of which Madame Schoss who was fond of such things made a large collection, and in spite of being deprived of the country life to which she was accustomed, youth prevailed. Natasha's grief began to be overlaid by the impressions of daily life, it ceased to press so painfully on her heart, it gradually faded into the past, and she began to recover physically.

CHAPTER XVII

Natasha was calmer but no happier. She not merely avoided all external forms of pleasure--balls, promenades, concerts, and theaters--but she never laughed without a sound of tears in her laughter. She could not sing. As soon as she began to laugh, or tried to sing by herself, tears choked her: tears of remorse, tears at the recollection of those pure times which could never return, tears of vexation that she should so uselessly have ruined her young life which might have been so happy. Laughter and singing in particular seemed to her like a blasphemy, in face of her sorrow. Without any need of self-restraint, no wish to coquet ever entered her head. She said and felt at that time that no man was more to her than Nastasya Ivanovna, the buffoon. Something stood sentinel within her and forbade her every joy. Besides, she had lost all the old interests of her carefree girlish life that had been so full of hope. The previous autumn, the hunting, "Uncle," and the Christmas holidays spent with Nicholas at Otradnoe were what she recalled oftenest and most painfully. What would she not have given to bring back even a single day of that time! But it was gone forever. Her presentiment at the time had not deceived her--that that state of freedom and readiness for any enjoyment would not return again. Yet it was necessary to live on.

It comforted her to reflect that she was not better as she had formerly imagined, but worse, much worse, than anybody else in the world. But this was not enough. She knew that, and asked herself, "What next?" But there was nothing to come. There was no joy in

life, yet life was passing. Natasha apparently tried not to be a burden or a hindrance to anyone, but wanted nothing for herself. She kept away from everyone in the house and felt at ease only with her brother Petya. She liked to be with him better than with the others, and when alone with him she sometimes laughed. She hardly ever left the house and of those who came to see them was glad to see only one person, Pierre. It would have been impossible to treat her with more delicacy, greater care, and at the same time more seriously than did Count Bezukhov. Natasha unconsciously felt this delicacy and so found great pleasure in his society. But she was not even grateful to him for it; nothing good on Pierre's part seemed to her to be an effort, it seemed so natural for him to be kind to everyone that there was no merit in his kindness. Sometimes Natasha noticed embarrassment and awkwardness on his part in her presence, especially when he wanted to do something to please her, or feared that something they spoke of would awaken memories distressing to her. She noticed this and attributed it to his general kindness and shyness, which she imagined must be the same toward everyone as it was to her. After those involuntary words--that if he were free he would have asked on his knees for her hand and her love--uttered at a moment when she was so strongly agitated, Pierre never spoke to Natasha of his feelings; and it seemed plain to her that those words, which had then so comforted her, were spoken as all sorts of meaningless words are spoken to comfort a crying child. It was not because Pierre was a married man, but because Natasha felt very strongly with him that moral barrier the absence of which she had experienced with Kuragin that it never entered her head that the relations between him and herself could lead to love on her part, still less on his, or even to the kind of tender, self-conscious, romantic friendship between a man and a woman of which she had known several instances.

Before the end of the fast of St. Peter, Agrafena Ivanovna Belova, a country neighbor of the Rostovs, came to Moscow to pay her devotions at the shrines of the Moscow saints. She suggested that Natasha should fast and prepare for Holy Communion, and Natasha gladly welcomed the idea. Despite the doctor's orders that she should not go out early in the morning, Natasha insisted on fasting and preparing for the sacrament, not as they generally prepared for it in the Rostov family by attending three services in their own house, but as Agrafena Ivanovna did, by going to church every day for a week and not once missing Vespers, Matins, or Mass.

The countess was pleased with Natasha's zeal; after the poor results of the medical treatment, in the depths of her heart she hoped that prayer might help her daughter more than medicines and, though not without fear and concealing it from the doctor, she agreed to Natasha's wish and entrusted her to Belova. Agrafena Ivanovna used to come to wake Natasha at three in the morning, but generally found

her already awake. She was afraid of being late for Matins. Hastily washing, and meekly putting on her shabbiest dress and an old mantilla, Natasha, shivering in the fresh air, went out into the deserted streets lit by the clear light of dawn. By Agrafena Ivanovna's advice Natasha prepared herself not in their own parish, but at a church where, according to the devout Agrafena Ivanovna, the priest was a man of very severe and lofty life. There were never many people in the church; Natasha always stood beside Belova in the customary place before an icon of the Blessed Virgin, let into the screen before the choir on the left side, and a feeling, new to her, of humility before something great and incomprehensible, seized her when at that unusual morning hour, gazing at the dark face of the Virgin illuminated by the candles burning before it and by the morning light falling from the window, she listened to the words of the service which she tried to follow with understanding. When she understood them her personal feeling became interwoven in the prayers with shades of its own. When she did not understand, it was sweeter still to think that the wish to understand everything is pride, that it is impossible to understand all, that it is only necessary to believe and to commit oneself to God, whom she felt guiding her soul at those moments. She crossed herself, bowed low, and when she did not understand, in horror at her own vileness, simply asked God to forgive her everything, everything, to have mercy upon her. The prayers to which she surrendered herself most of all were those of repentance. On her way home at an early hour when she met no one but bricklayers going to work or men sweeping the street, and everybody within the houses was still asleep, Natasha experienced a feeling new to her, a sense of the possibility of correcting her faults, the possibility of a new, clean life, and of happiness.

During the whole week she spent in this way, that feeling grew every day. And the happiness of taking communion, or "communing" as Agrafena Ivanovna, joyously playing with the word, called it, seemed to Natasha so great that she felt she should never live till that blessed Sunday.

But the happy day came, and on that memorable Sunday, when, dressed in white muslin, she returned home after communion, for the first time for many months she felt calm and not oppressed by the thought of the life that lay before her.

The doctor who came to see her that day ordered her to continue the powders he had prescribed a fortnight previously.

"She must certainly go on taking them morning and evening," said he, evidently sincerely satisfied with his success. "Only, please be particular about it.

"Be quite easy," he continued playfully, as he adroitly took the

gold coin in his palm. "She will soon be singing and frolicking about. The last medicine has done her a very great deal of good. She has freshened up very much."

The countess, with a cheerful expression on her face, looked down at her nails and spat a little for luck as she returned to the drawing room.

CHAPTER XVIII

At the beginning of July more and more disquieting reports about the war began to spread in Moscow; people spoke of an appeal by the Emperor to the people, and of his coming himself from the army to Moscow. And as up to the eleventh of July no manifesto or appeal had been received, exaggerated reports became current about them and about the position of Russia. It was said that the Emperor was leaving the army because it was in danger, it was said that Smolensk had surrendered, that Napoleon had an army of a million and only a miracle could save Russia.

On the eleventh of July, which was Saturday, the manifesto was received but was not yet in print, and Pierre, who was at the Rostovs', promised to come to dinner next day, Sunday, and bring a copy of the manifesto and appeal, which he would obtain from Count Rostopchin.

That Sunday, the Rostovs went to Mass at the Razumovskis' private chapel as usual. It was a hot July day. Even at ten o'clock, when the Rostovs got out of their carriage at the chapel, the sultry air, the shouts of hawkers, the light and gay summer clothes of the crowd, the dusty leaves of the trees on the boulevard, the sounds of the band and the white trousers of a battalion marching to parade, the rattling of wheels on the cobblestones, and the brilliant, hot sunshine were all full of that summer languor, that content and discontent with the present, which is most strongly felt on a bright, hot day in town. All the Moscow notabilities, all the Rostovs' acquaintances, were at the Razumovskis' chapel, for, as if expecting something to happen, many wealthy families who usually left town for their country estates had not gone away that summer. As Natasha, at her mother's side, passed through the crowd behind a liveried footman who cleared the way for them, she heard a young man speaking about her in too loud a whisper.

"That's Rostova, the one who..."

"She's much thinner, but all the same she's pretty!"

She heard, or thought she heard, the names of Kuragin and Bolkonski. But she was always imagining that. It always seemed to her that everyone who looked at her was thinking only of what had happened to her. With a sinking heart, wretched as she always was now when she found herself in a crowd, Natasha in her lilac silk dress trimmed with black lace walked--as women can walk--with the more repose and stateliness the greater the pain and shame in her soul. She knew for certain that she was pretty, but this no longer gave her satisfaction as it used to. On the contrary it tormented her more than anything else of late, and particularly so on this bright, hot summer day in town. "It's Sunday again--another week past," she thought, recalling that she had been here the Sunday before, "and always the same life that is no life, and the same surroundings in which it used to be so easy to live. I'm pretty, I'm young, and I know that now I am good. I used to be bad, but now I know I am good," she thought, "but yet my best years are slipping by and are no good to anyone." She stood by her mother's side and exchanged nods with acquaintances near her. From habit she scrutinized the ladies' dresses, condemned the bearing of a lady standing close by who was not crossing herself properly but in a cramped manner, and again she thought with vexation that she was herself being judged and was judging others, and suddenly, at the sound of the service, she felt horrified at her own vileness, horrified that the former purity of her soul was again lost to her.

A comely, fresh-looking old man was conducting the service with that mild solemnity which has so elevating and soothing an effect on the souls of the worshipers. The gates of the sanctuary screen were closed, the curtain was slowly drawn, and from behind it a soft mysterious voice pronounced some words. Tears, the cause of which she herself did not understand, made Natasha's breast heave, and a joyous but oppressive feeling agitated her.

"Teach me what I should do, how to live my life, how I may grow good forever, forever!" she pleaded.

The deacon came out onto the raised space before the altar screen and, holding his thumb extended, drew his long hair from under his dalmatic and, making the sign of the cross on his breast, began in a loud and solemn voice to recite the words of the prayer...

"In peace let us pray unto the Lord."

"As one community, without distinction of class, without enmity,

united by brotherly love--let us pray!" thought Natasha.

"For the peace that is from above, and for the salvation of our souls."

"For the world of angels and all the spirits who dwell above us," prayed Natasha.

When they prayed for the warriors, she thought of her brother and Denisov. When they prayed for all traveling by land and sea, she remembered Prince Andrew, prayed for him, and asked God to forgive her all the wrongs she had done him. When they prayed for those who love us, she prayed for the members of her own family, her father and mother and Sonya, realizing for the first time how wrongly she had acted toward them, and feeling all the strength of her love for them. When they prayed for those who hate us, she tried to think of her enemies and people who hated her, in order to pray for them. She included among her enemies the creditors and all who had business dealings with her father, and always at the thought of enemies and those who hated her she remembered Anatole who had done her so much harm--and though he did not hate her she gladly prayed for him as for an enemy. Only at prayer did she feel able to think clearly and calmly of Prince Andrew and Anatole, as men for whom her feelings were as nothing compared with her awe and devotion to God. When they prayed for the Imperial family and the Synod, she bowed very low and made the sign of the cross, saying to herself that even if she did not understand, still she could not doubt, and at any rate loved the governing Synod and prayed for it.

When he had finished the Litany the deacon crossed the stole over his breast and said, "Let us commit ourselves and our whole lives to Christ the Lord!"

"Commit ourselves to God," Natasha inwardly repeated. "Lord God, I submit myself to Thy will!" she thought. "I want nothing, wish for nothing; teach me what to do and how to use my will! Take me, take me!" prayed Natasha, with impatient emotion in her heart, not crossing herself but letting her slender arms hang down as if expecting some invisible power at any moment to take her and deliver her from herself, from her regrets, desires, remorse, hopes, and sins.

The countess looked round several times at her daughter's softened face and shining eyes and prayed God to help her.

Unexpectedly, in the middle of the service, and not in the usual order Natasha knew so well, the deacon brought out a small stool, the one he knelt on when praying on Trinity Sunday, and placed it before the doors of the sanctuary screen. The priest came out with his

purple velvet biretta on his head, adjusted his hair, and knelt down with an effort. Everybody followed his example and they looked at one another in surprise. Then came the prayer just received from the Synod--a prayer for the deliverance of Russia from hostile invasion.

"Lord God of might, God of our salvation!" began the priest in that voice, clear, not grandiloquent but mild, in which only the Slav clergy read and which acts so irresistibly on a Russian heart.

"Lord God of might, God of our salvation! Look this day in mercy and blessing on Thy humble people, and graciously hear us, spare us, and have mercy upon us! This foe confounding Thy land, desiring to lay waste the whole world, rises against us; these lawless men are gathered together to overthrow Thy kingdom, to destroy Thy dear Jerusalem, Thy beloved Russia; to defile Thy temples, to overthrow Thine altars, and to desecrate our holy shrines. How long, O Lord, how long shall the wicked triumph? How long shall they wield unlawful power?

"Lord God! Hear us when we pray to Thee; strengthen with Thy might our most gracious sovereign lord, the Emperor Alexander Pavlovich; be mindful of his uprightness and meekness, reward him according to his righteousness, and let it preserve us, Thy chosen Israel! Bless his counsels, his undertakings, and his work; strengthen his kingdom by Thine almighty hand, and give him victory over his enemy, even as Thou gavest Moses the victory over Amalek, Gideon over Midian, and David over Goliath. Preserve his army, put a bow of brass in the hands of those who have armed themselves in Thy Name, and gird their loins with strength for the fight. Take up the spear and shield and arise to help us; confound and put to shame those who have devised evil against us, may they be before the faces of Thy faithful warriors as dust before the wind, and may Thy mighty Angel confound them and put them to flight; may they be ensnared when they know it not, and may the plots they have laid in secret be turned against them; let them fall before Thy servants' feet and be laid low by our hosts! Lord, Thou art able to save both great and small; Thou art God, and man cannot prevail against Thee!

"God of our fathers! Remember Thy bounteous mercy and loving-kindness which are from of old; turn not Thy face from us, but be gracious to our unworthiness, and in Thy great goodness and Thy many mercies regard not our transgressions and iniquities! Create in us a clean heart and renew a right spirit within us, strengthen us all in Thy faith, fortify our hope, inspire us with true love one for another, arm us with unity of spirit in the righteous defense of the heritage Thou gavest to us and to our fathers, and let not the scepter of the wicked be exalted against the destiny of those Thou hast sanctified.

"O Lord our God, in whom we believe and in whom we put our trust, let us not be confounded in our hope of Thy mercy, and give us a token of Thy blessing, that those who hate us and our Orthodox faith may see it and be put to shame and perish, and may all the nations know that Thou art the Lord and we are Thy people. Show Thy mercy upon us this day, O Lord, and grant us Thy salvation; make the hearts of Thy servants to rejoice in Thy mercy; smite down our enemies and destroy them swiftly beneath the feet of Thy faithful servants! For Thou art the defense, the succor, and the victory of them that put their trust in Thee, and to Thee be all glory, to Father, Son, and Holy Ghost, now and forever, world without end. Amen."

In Natasha's receptive condition of soul this prayer affected her strongly. She listened to every word about the victory of Moses over Amalek, of Gideon over Midian, and of David over Goliath, and about the destruction of "Thy Jerusalem," and she prayed to God with the tenderness and emotion with which her heart was overflowing, but without fully understanding what she was asking of God in that prayer. She shared with all her heart in the prayer for the spirit of righteousness, for the strengthening of the heart by faith and hope, and its animation by love. But she could not pray that her enemies might be trampled under foot when but a few minutes before she had been wishing she had more of them that she might pray for them. But neither could she doubt the righteousness of the prayer that was being read on bended knees. She felt in her heart a devout and tremulous awe at the thought of the punishment that overtakes men for their sins, and especially of her own sins, and she prayed to God to forgive them all, and her too, and to give them all, and her too, peace and happiness. And it seemed to her that God heard her prayer.

CHAPTER XIX

From the day when Pierre, after leaving the Rostovs' with Natasha's grateful look fresh in his mind, had gazed at the comet that seemed to be fixed in the sky and felt that something new was appearing on his own horizon--from that day the problem of the vanity and uselessness of all earthly things, that had incessantly tormented him, no longer presented itself. That terrible question "Why?" "Wherefore?" which had come to him amid every occupation, was now replaced, not by another question or by a reply to the former question, but by her image. When he listened to, or himself took part in, trivial conversations, when he read or heard of human

baseness or folly, he was not horrified as formerly, and did not ask himself why men struggled so about these things when all is so transient and incomprehensible--but he remembered her as he had last seen her, and all his doubts vanished--not because she had answered the questions that had haunted him, but because his conception of her transferred him instantly to another, a brighter, realm of spiritual activity in which no one could be justified or guilty--a realm of beauty and love which it was worth living for. Whatever worldly baseness presented itself to him, he said to himself:

"Well, supposing N. N. swindled the country and the Tsar, and the country and the Tsar confer honors upon him, what does that matter? She smiled at me yesterday and asked me to come again, and I love her, and no one will ever know it." And his soul felt calm and peaceful.

Pierre still went into society, drank as much and led the same idle and dissipated life, because besides the hours he spent at the Rostovs' there were other hours he had to spend somehow, and the habits and acquaintances he had made in Moscow formed a current that bore him along irresistibly. But latterly, when more and more disquieting reports came from the seat of war and Natasha's health began to improve and she no longer aroused in him the former feeling of careful pity, an ever-increasing restlessness, which he could not explain, took possession of him. He felt that the condition he was in could not continue long, that a catastrophe was coming which would change his whole life, and he impatiently sought everywhere for signs of that approaching catastrophe. One of his brother Masons had revealed to Pierre the following prophecy concerning Napoleon, drawn from the Revelation of St. John.

In chapter 13, verse 18, of the Apocalypse, it is said:

Here is wisdom. Let him that hath understanding count the number of the beast: for it is the number of a man; and his number is Six hundred threescore and six.

And in the fifth verse of the same chapter:

And there was given unto him a mouth speaking great things and blasphemies; and power was given unto him to continue forty and two months.

The French alphabet, written out with the same numerical values as the Hebrew, in which the first nine letters denote units and the others tens, will have the following significance:

a b c d e f g h i k
 1 2 3 4 5 6 7 8 9 10
 l m n o p q r s
 20 30 40 50 60 70 80 90
 t u v w x y
 100 110 120 130 140 150
 z
 160

Writing the words L'Empereur Napoleon in numbers, it appears that the sum of them is 666, and that Napoleon therefore the beast foretold in the Apocalypse. Moreover, by applying the same system to the words quarante-deux,* which was the term allowed to the beast that "spoke great things and blasphemies," the same number 666 was obtained; from which it followed that the limit fixed for Napoleon's power had come in the year 1812 when the French emperor was forty-two. This prophecy pleased Pierre very much and he often asked himself what would put an end to the power of the beast, that is, of Napoleon, and tried by the same system of using letters as numbers and adding them up, to find an answer to the question that engrossed him. He wrote the words L'Empereur Alexandre, La nation russe and added up their numbers, but the sums were either more or less than 666. Once when making such calculations he wrote down his own name in French, Comte Pierre Besouhoff, but the sum of the numbers did not come right. Then he changed the spelling, substituting a z for the s and adding de and the article le, still without obtaining the desired result. Then it occurred to him: if the answer to the question were contained in his name, his nationality would also be given in the answer. So he wrote Le russe Besuhof and adding up the numbers got 671. This was only five too much, and five was represented by e, the very letter elided from the article le before the word Empereur. By omitting the e, though incorrectly, Pierre got the answer he sought. L'russe Besuhof made 666. This discovery excited him. How, or by what means, he was connected with the great event foretold in the Apocalypse he did not know, but he did not doubt that connection for a moment. His love for Natasha, Antichrist, Napoleon, the invasion, the comet, 666, L'Empereur Napoleon, and L'russe Besuhof--all this had to mature and culminate, to lift him out of that spellbound, petty sphere of Moscow habits in which he felt himself held captive and lead him to a great achievement and great happiness.

*Forty-two.

On the eve of the Sunday when the special prayer was read, Pierre had promised the Rostovs to bring them, from Count Rostopchin whom he knew well, both the appeal to the people and the news from the army. In the morning, when he went to call at Rostopchin's he met there a courier fresh from the army, an acquaintance of his own, who often danced at Moscow balls.

"Do, please, for heaven's sake, relieve me of something!" said the courier. "I have a sackful of letters to parents."

Among these letters was one from Nicholas Rostov to his father. Pierre took that letter, and Rostopchin also gave him the Emperor's appeal to Moscow, which had just been printed, the last army orders, and his own most recent bulletin. Glancing through the army orders, Pierre found in one of them, in the lists of killed, wounded, and rewarded, the name of Nicholas Rostov, awarded a St. George's Cross of the Fourth Class for courage shown in the Ostrovna affair, and in the same order the name of Prince Andrew Bolkonski, appointed to the command of a regiment of Chasseurs. Though he did not want to remind the Rostovs of Bolkonski, Pierre could not refrain from making them happy by the news of their son's having received a decoration, so he sent that printed army order and Nicholas' letter to the Rostovs, keeping the appeal, the bulletin, and the other orders to take with him when he went to dinner.

His conversation with Count Rostopchin and the latter's tone of anxious hurry, the meeting with the courier who talked casually of how badly things were going in the army, the rumors of the discovery of spies in Moscow and of a leaflet in circulation stating that Napoleon promised to be in both the Russian capitals by the autumn, and the talk of the Emperor's being expected to arrive next day--all aroused with fresh force that feeling of agitation and expectation in Pierre which he had been conscious of ever since the appearance of the comet, and especially since the beginning of the war.

He had long been thinking of entering the army and would have done so had he not been hindered, first, by his membership of the Society of Freemasons to which he was bound by oath and which preached perpetual peace and the abolition of war, and secondly, by the fact that when he saw the great mass of Muscovites who had donned uniform and were talking patriotism, he somehow felt ashamed to take the step. But the chief reason for not carrying out his intention to enter the army lay in the vague idea that he was L'russe Besuhof who had the number of the beast, 666; that his part in the great affair of setting a limit to the power of the beast that spoke great and blasphemous things had been predestined from eternity, and that therefore he ought not to undertake anything, but wait for what was bound to come to pass.

CHAPTER XX

A few intimate friends were dining with the Rostovs that day, as usual on Sundays.

Pierre came early so as to find them alone.

He had grown so stout this year that he would have been abnormal had he not been so tall, so broad of limb, and so strong that he carried his bulk with evident ease.

He went up the stairs, puffing and muttering something. His coachman did not even ask whether he was to wait. He knew that when his master was at the Rostovs' he stayed till midnight. The Rostovs' footman rushed eagerly forward to help him off with his cloak and take his hat and stick. Pierre, from club habit, always left both hat and stick in the anteroom.

The first person he saw in the house was Natasha. Even before he saw her, while taking off his cloak, he heard her. She was practicing solfa exercises in the music room. He knew that she had not sung since her illness, and so the sound of her voice surprised and delighted him. He opened the door softly and saw her, in the lilac dress she had worn at church, walking about the room singing. She had her back to him when he opened the door, but when, turning quickly, she saw his broad, surprised face, she blushed and came rapidly up to him.

"I want to try to sing again," she said, adding as if by way of excuse, "it is, at least, something to do."

"That's capital!"

"How glad I am you've come! I am so happy today," she said, with the old animation Pierre had not seen in her for along time. "You know Nicholas has received a St. George's Cross? I am so proud of him."

"Oh yes, I sent that announcement. But I don't want to interrupt you," he added, and was about to go to the drawing room.

Natasha stopped him.

"Count, is it wrong of me to sing?" she said blushing, and fixing

her eyes inquiringly on him.

"No... Why should it be? On the contrary... But why do you ask me?"

"I don't know myself," Natasha answered quickly, "but I should not like to do anything you disapproved of. I believe in you completely. You don't know how important you are to me, how much you've done for me...." She spoke rapidly and did not notice how Pierre flushed at her words. "I saw in that same army order that he, Bolkonski" (she whispered the name hastily), "is in Russia, and in the army again. What do you think?"--she was speaking hurriedly, evidently afraid her strength might fail her--"Will he ever forgive me? Will he not always have a bitter feeling toward me? What do you think? What do you think?"

"I think..." Pierre replied, "that he has nothing to forgive....
If I were in his place..."

By association of ideas, Pierre was at once carried back to the day when, trying to comfort her, he had said that if he were not himself but the best man in the world and free, he would ask on his knees for her hand; and the same feeling of pity, tenderness, and love took possession of him and the same words rose to his lips. But she did not give him time to say them.

"Yes, you... you..." she said, uttering the word you rapturously--
"that's a different thing. I know no one kinder, more generous, or better than you; nobody could be! Had you not been there then, and now too, I don't know what would have become of me, because..."

Tears suddenly rose in her eyes, she turned away, lifted her music before her eyes, began singing again, and again began walking up and down the room.

Just then Petya came running in from the drawing room.

Petya was now a handsome rosy lad of fifteen with full red lips and resembled Natasha. He was preparing to enter the university, but he and his friend Obolenski had lately, in secret, agreed to join the hussars.

Petya had come rushing out to talk to his namesake about this affair. He had asked Pierre to find out whether he would be accepted in the hussars.

Pierre walked up and down the drawing room, not listening to what Petya was saying.

Petya pulled him by the arm to attract his attention.

"Well, what about my plan? Peter Kirilych, for heaven's sake! You are my only hope," said Petya.

"Oh yes, your plan. To join the hussars? I'll mention it, I'll bring it all up today."

"Well, mon cher, have you got the manifesto?" asked the old count. "The countess has been to Mass at the Razumovskis' and heard the new prayer. She says it's very fine."

"Yes, I've got it," said Pierre. "The Emperor is to be here tomorrow... there's to be an Extraordinary Meeting of the nobility, and they are talking of a levy of ten men per thousand. Oh yes, let me congratulate you!"

"Yes, yes, thank God! Well, and what news from the army?"

"We are again retreating. They say we're already near Smolensk," replied Pierre.

"O Lord, O Lord!" exclaimed the count. "Where is the manifesto?"

"The Emperor's appeal? Oh yes!"

Pierre began feeling in his pockets for the papers, but could not find them. Still slapping his pockets, he kissed the hand of the countess who entered the room and glanced uneasily around, evidently expecting Natasha, who had left off singing but had not yet come into the drawing room.

"On my word, I don't know what I've done with it," he said.

"There he is, always losing everything!" remarked the countess.

Natasha entered with a softened and agitated expression of face and sat down looking silently at Pierre. As soon as she entered, Pierre's features, which had been gloomy, suddenly lighted up, and while still searching for the papers he glanced at her several times.

"No, really! I'll drive home, I must have left them there. I'll certainly..."

"But you'll be late for dinner."

"Oh! And my coachman has gone."

But Sonya, who had gone to look for the papers in the anteroom, had found them in Pierre's hat, where he had carefully tucked them under the lining. Pierre was about to begin reading.

"No, after dinner," said the old count, evidently expecting much enjoyment from that reading.

At dinner, at which champagne was drunk to the health of the new chevalier of St. George, Shinshin told them the town news, of the illness of the old Georgian princess, of Metivier's disappearance from Moscow, and of how some German fellow had been brought to Rostopchin and accused of being a French "spyer" (so Count Rostopchin had told the story), and how Rostopchin let him go and assured the people that he was "not a spire at all, but only an old German ruin."

"People are being arrested..." said the count. "I've told the countess she should not speak French so much. It's not the time for it now."

"And have you heard?" Shinshin asked. "Prince Golitsyn has engaged a master to teach him Russian. It is becoming dangerous to speak French in the streets."

"And how about you, Count Peter Kirilych? If they call up the militia, you too will have to mount a horse," remarked the old count, addressing Pierre.

Pierre had been silent and preoccupied all through dinner, seeming not to grasp what was said. He looked at the count.

"Oh yes, the war," he said. "No! What sort of warrior should I make? And yet everything is so strange, so strange! I can't make it out. I don't know, I am very far from having military tastes, but in these times no one can answer for himself."

After dinner the count settled himself comfortably in an easy chair and with a serious face asked Sonya, who was considered an excellent reader, to read the appeal.

"To Moscow, our ancient Capital!

"The enemy has entered the borders of Russia with immense forces. He comes to despoil our beloved country,"

Sonya read painstakingly in her high-pitched voice. The count listened with closed eyes, heaving abrupt sighs at certain passages.

Natasha sat erect, gazing with a searching look now at her father and now at Pierre.

Pierre felt her eyes on him and tried not to look round. The countess shook her head disapprovingly and angrily at every solemn expression in the manifesto. In all these words she saw only that the danger threatening her son would not soon be over. Shinshin, with a sarcastic smile on his lips, was evidently preparing to make fun of anything that gave him the opportunity: Sonya's reading, any remark of the count's, or even the manifesto itself should no better pretext present itself.

After reading about the dangers that threatened Russia, the hopes the Emperor placed on Moscow and especially on its illustrious nobility, Sonya, with a quiver in her voice due chiefly to the attention that was being paid to her, read the last words:

"We ourselves will not delay to appear among our people in that Capital and in others parts of our realm for consultation, and for the direction of all our levies, both those now barring the enemy's path and those freshly formed to defeat him wherever he may appear. May the ruin he hopes to bring upon us recoil on his own head, and may Europe delivered from bondage glorify the name of Russia!"

"Yes, that's it!" cried the count, opening his moist eyes and sniffing repeatedly, as if a strong vinaigrette had been held to his nose; and he added, "Let the Emperor but say the word and we'll sacrifice everything and begrudge nothing."

Before Shinshin had time to utter the joke he was ready to make on the count's patriotism, Natasha jumped up from her place and ran to her father.

"What a darling our Papa is!" she cried, kissing him, and she again looked at Pierre with the unconscious coquetry that had returned to her with her better spirits.

"There! Here's a patriot for you!" said Shinshin.

"Not a patriot at all, but simply..." Natasha replied in an injured tone. "Everything seems funny to you, but this isn't at all a joke...."

"A joke indeed!" put in the count. "Let him but say the word and we'll all go.... We're not Germans!"

"But did you notice, it says, 'for consultation'?" said Pierre.

"Never mind what it's for...."

At this moment, Petya, to whom nobody was paying any attention, came up to his father with a very flushed face and said in his breaking voice that was now deep and now shrill:

"Well, Papa, I tell you definitely, and Mamma too, it's as you please, but I say definitely that you must let me enter the army, because I can't... that's all...."

The countess, in dismay, looked up to heaven, clasped her hands, and turned angrily to her husband.

"That comes of your talking!" said she.

But the count had already recovered from his excitement.

"Come, come!" said he. "Here's a fine warrior! No! Nonsense! You must study."

"It's not nonsense, Papa. Fedya Obolenski is younger than I, and he's going too. Besides, all the same I can't study now when..." Petya stopped short, flushed till he perspired, but still got out the words, "when our Fatherland is in danger."

"That'll do, that'll do--nonsense...."

"But you said yourself that we would sacrifice everything."

"Petya! Be quiet, I tell you!" cried the count, with a glance at his wife, who had turned pale and was staring fixedly at her son.

"And I tell you--Peter Kirilych here will also tell you..."

"Nonsense, I tell you. Your mother's milk has hardly dried on your lips and you want to go into the army! There, there, I tell you," and the count moved to go out of the room, taking the papers, probably to reread them in his study before having a nap.

"Well, Peter Kirilych, let's go and have a smoke," he said.

Pierre was agitated and undecided. Natasha's unwontedly brilliant eyes, continually glancing at him with a more than cordial look, had reduced him to this condition.

"No, I think I'll go home."

"Home? Why, you meant to spend the evening with us.... You don't often come nowadays as it is, and this girl of mine," said the count good-naturedly, pointing to Natasha, "only brightens up when you're here."

"Yes, I had forgotten... I really must go home... business..." said Pierre hurriedly.

"Well, then, au revoir!" said the count, and went out of the room.

"Why are you going? Why are you upset?" asked Natasha, and she looked challengingly into Pierre's eyes.

"Because I love you!" was what he wanted to say, but he did not say it, and only blushed till the tears came, and lowered his eyes.

"Because it is better for me to come less often... because... No, simply I have business...."

"Why? No, tell me!" Natasha began resolutely and suddenly stopped.

They looked at each other with dismayed and embarrassed faces. He tried to smile but could not: his smile expressed suffering, and he silently kissed her hand and went out.

Pierre made up his mind not to go to the Rostovs' any more.

CHAPTER XXI

After the definite refusal he had received, Petya went to his room and there locked himself in and wept bitterly. When he came in to tea, silent, morose, and with tear-stained face, everybody pretended not to notice anything.

Next day the Emperor arrived in Moscow, and several of the Rostovs' domestic serfs begged permission to go to have a look at him. That morning Petya was a long time dressing and arranging his hair and collar to look like a grown-up man. He frowned before his looking glass, gesticulated, shrugged his shoulders, and finally, without saying a word to anyone, took his cap and left the house by the back door, trying to avoid notice. Petya decided to go straight to where

the Emperor was and to explain frankly to some gentleman-in-waiting (he imagined the Emperor to be always surrounded by gentlemen-in-waiting) that he, Count Rostov, in spite of his youth wished to serve his country; that youth could be no hindrance to loyalty, and that he was ready to... While dressing, Petya had prepared many fine things he meant to say to the gentleman-in-waiting.

It was on the very fact of being so young that Petya counted for success in reaching the Emperor--he even thought how surprised everyone would be at his youthfulness--and yet in the arrangement of his collar and hair and by his sedate deliberate walk he wished to appear a grown-up man. But the farther he went and the more his attention was diverted by the ever-increasing crowds moving toward the Kremlin, the less he remembered to walk with the sedateness and deliberation of a man. As he approached the Kremlin he even began to avoid being crushed and resolutely stuck out his elbows in a menacing way. But within the Trinity Gateway he was so pressed to the wall by people who probably were unaware of the patriotic intentions with which he had come that in spite of all his determination he had to give in, and stop while carriages passed in, rumbling beneath the archway. Beside Petya stood a peasant woman, a footman, two tradesmen, and a discharged soldier. After standing some time in the gateway, Petya tried to move forward in front of the others without waiting for all the carriages to pass, and he began resolutely working his way with his elbows, but the woman just in front of him, who was the first against whom he directed his efforts, angrily shouted at him:

"What are you shoving for, young lordling? Don't you see we're all standing still? Then why push?"

"Anybody can shove," said the footman, and also began working his elbows to such effect that he pushed Petya into a very filthy corner of the gateway.

Petya wiped his perspiring face with his hands and pulled up the damp collar which he had arranged so well at home to seem like a man's.

He felt that he no longer looked presentable, and feared that if he were now to approach the gentlemen-in-waiting in that plight he would not be admitted to the Emperor. But it was impossible to smarten oneself up or move to another place, because of the crowd. One of the generals who drove past was an acquaintance of the Rostovs', and Petya thought of asking his help, but came to the conclusion that that would not be a manly thing to do. When the carriages had all passed in, the crowd, carrying Petya with it, streamed forward into the Kremlin Square which was already full of people. There were people not

only in the square, but everywhere--on the slopes and on the roofs. As soon as Petya found himself in the square he clearly heard the sound of bells and the joyous voices of the crowd that filled the whole Kremlin.

For a while the crowd was less dense, but suddenly all heads were bared, and everyone rushed forward in one direction. Petya was being pressed so that he could scarcely breathe, and everybody shouted, "Hurrah! hurrah! hurrah!" Petya stood on tiptoe and pushed and pinched, but could see nothing except the people about him.

All the faces bore the same expression of excitement and enthusiasm. A tradesman's wife standing beside Petya sobbed, and the tears ran down her cheeks.

"Father! Angel! Dear one!" she kept repeating, wiping away her tears with her fingers.

"Hurrah!" was heard on all sides.

For a moment the crowd stood still, but then it made another rush forward.

Quite beside himself, Petya, clenching his teeth and rolling his eyes ferociously, pushed forward, elbowing his way and shouting "hurrah!" as if he were prepared that instant to kill himself and everyone else, but on both sides of him other people with similarly ferocious faces pushed forward and everybody shouted "hurrah!"

"So this is what the Emperor is!" thought Petya. "No, I can't petition him myself--that would be too bold." But in spite of this he continued to struggle desperately forward, and from between the backs of those in front he caught glimpses of an open space with a strip of red cloth spread out on it; but just then the crowd swayed back--the police in front were pushing back those who had pressed too close to the procession: the Emperor was passing from the palace to the Cathedral of the Assumption--and Petya unexpectedly received such a blow on his side and ribs and was squeezed so hard that suddenly everything grew dim before his eyes and he lost consciousness. When he came to himself, a man of clerical appearance with a tuft of gray hair at the back of his head and wearing a shabby blue cassock--probably a church clerk and chanter--was holding him under the arm with one hand while warding off the pressure of the crowd with the other.

"You've crushed the young gentleman!" said the clerk. "What are you up to? Gently!... They've crushed him, crushed him!"

The Emperor entered the Cathedral of the Assumption. The crowd spread out again more evenly, and the clerk led Petya--pale and breathless--to the Tsar-cannon. Several people were sorry for Petya, and suddenly a crowd turned toward him and pressed round him. Those who stood nearest him attended to him, unbuttoned his coat, seated him on the raised platform of the cannon, and reproached those others (whoever they might be) who had crushed him.

"One might easily get killed that way! What do they mean by it? Killing people! Poor dear, he's as white as a sheet!"--various voices were heard saying.

Petya soon came to himself, the color returned to his face, the pain had passed, and at the cost of that temporary unpleasantness he had obtained a place by the cannon from where he hoped to see the Emperor who would be returning that way. Petya no longer thought of presenting his petition. If he could only see the Emperor he would be happy!

While the service was proceeding in the Cathedral of the Assumption--it was a combined service of prayer on the occasion of the Emperor's arrival and of thanksgiving for the conclusion of peace with the Turks--the crowd outside spread out and hawkers appeared, selling kvas, gingerbread, and poppyseed sweets (of which Petya was particularly fond), and ordinary conversation could again be heard. A tradesman's wife was showing a rent in her shawl and telling how much the shawl had cost; another was saying that all silk goods had now got dear. The clerk who had rescued Petya was talking to a functionary about the priests who were officiating that day with the bishop. The clerk several times used the word "plenary" (of the service), a word Petya did not understand. Two young citizens were joking with some serf girls who were cracking nuts. All these conversations, especially the joking with the girls, were such as might have had a particular charm for Petya at his age, but they did not interest him now. He sat on his elevation--the pedestal of the cannon--still agitated as before by the thought of the Emperor and by his love for him. The feeling of pain and fear he had experienced when he was being crushed, together with that of rapture, still further intensified his sense of the importance of the occasion.

Suddenly the sound of a firing of cannon was heard from the embankment, to celebrate the signing of peace with the Turks, and the crowd rushed impetuously toward the embankment to watch the firing. Petya too would have run there, but the clerk who had taken the young gentleman under his protection stopped him. The firing was still proceeding when officers, generals, and gentlemen-in-waiting came running out of the cathedral, and after them others in a more leisurely manner: caps were again raised, and those who had run to

look at the cannon ran back again. At last four men in uniforms and sashes emerged from the cathedral doors. "Hurrah! hurrah!" shouted the crowd again.

"Which is he? Which?" asked Petya in a tearful voice, of those around him, but no one answered him, everybody was too excited; and Petya, fixing on one of those four men, whom he could not clearly see for the tears of joy that filled his eyes, concentrated all his enthusiasm on him--though it happened not to be the Emperor--frantically shouted "Hurrah!" and resolved that tomorrow, come what might, he would join the army.

The crowd ran after the Emperor, followed him to the palace, and began to disperse. It was already late, and Petya had not eaten anything and was drenched with perspiration, yet he did not go home but stood with that diminishing, but still considerable, crowd before the palace while the Emperor dined--looking in at the palace windows, expecting he knew not what, and envying alike the notables he saw arriving at the entrance to dine with the Emperor and the court footmen who served at table, glimpses of whom could be seen through the windows.

While the Emperor was dining, Valuev, looking out of the window, said:

"The people are still hoping to see Your Majesty again."

The dinner was nearly over, and the Emperor, munching a biscuit, rose and went out onto the balcony. The people, with Petya among them, rushed toward the balcony.

"Angel! Dear one! Hurrah! Father!..." cried the crowd, and Petya with it, and again the women and men of weaker mold, Petya among them, wept with joy.

A largish piece of the biscuit the Emperor was holding in his hand broke off, fell on the balcony parapet, and then to the ground. A coachman in a jerkin, who stood nearest, sprang forward and snatched it up. Several people in the crowd rushed at the coachman. Seeing this the Emperor had a plateful of biscuits brought him and began throwing them down from the balcony. Petya's eyes grew bloodshot, and still more excited by the danger of being crushed, he rushed at the biscuits. He did not know why, but he had to have a biscuit from the Tsar's hand and he felt that he must not give way. He sprang forward and upset an old woman who was catching at a biscuit; the old woman did not consider herself defeated though she was lying on the ground--she grabbed at some biscuits but her hand did not reach them. Petya pushed her hand away with his knee, seized a biscuit,

and as if fearing to be too late, again shouted "Hurrah!" with a voice already hoarse.

The Emperor went in, and after that the greater part of the crowd began to disperse.

"There! I said if only we waited--and so it was!" was being joyfully said by various people.

Happy as Petya was, he felt sad at having to go home knowing that all the enjoyment of that day was over. He did not go straight home from the Kremlin, but called on his friend Obolenski, who was fifteen and was also entering the regiment. On returning home Petya announced resolutely and firmly that if he was not allowed to enter the service he would run away. And next day, Count Ilya Rostov--though he had not yet quite yielded--went to inquire how he could arrange for Petya to serve where there would be least danger.

CHAPTER XXII

Two days later, on the fifteenth of July, an immense number of carriages were standing outside the Sloboda Palace.

The great halls were full. In the first were the nobility and gentry in their uniforms, in the second bearded merchants in full-skirted coats of blue cloth and wearing medals. In the noblemen's hall there was an incessant movement and buzz of voices. The chief magnates sat on high-backed chairs at a large table under the portrait of the Emperor, but most of the gentry were strolling about the room.

All these nobles, whom Pierre met every day at the Club or in their own houses, were in uniform--some in that of Catherine's day, others in that of Emperor Paul, others again in the new uniforms of Alexander's time or the ordinary uniform of the nobility, and the general characteristic of being in uniform imparted something strange and fantastic to these diverse and familiar personalities, both old and young. The old men, dim-eyed, toothless, bald, sallow, and bloated, or gaunt and wrinkled, were especially striking. For the most part they sat quietly in their places and were silent, or, if they walked about and talked, attached themselves to someone younger. On all these faces, as on the faces of the crowd Petya had seen in the Square, there was a striking contradiction: the general expectation of a solemn event, and at the same time the everyday

interests in a Boston card party, Peter the cook, Zinaida Dmitrievna's health, and so on.

Pierre was there too, buttoned up since early morning in a nobleman's uniform that had become too tight for him. He was agitated; this extraordinary gathering not only of nobles but also of the merchant-class--les états généraux (States-General)--evoked in him a whole series of ideas he had long laid aside but which were deeply graven in his soul: thoughts of the Contrat social and the French Revolution. The words that had struck him in the Emperor's appeal--that the sovereign was coming to the capital for consultation with his people--strengthened this idea. And imagining that in this direction something important which he had long awaited was drawing near, he strolled about watching and listening to conversations, but nowhere finding any confirmation of the ideas that occupied him.

The Emperor's manifesto was read, evoking enthusiasm, and then all moved about discussing it. Besides the ordinary topics of conversation, Pierre heard questions of where the marshals of the nobility were to stand when the Emperor entered, when a ball should be given in the Emperor's honor, whether they should group themselves by districts or by whole provinces... and so on; but as soon as the war was touched on, or what the nobility had been convened for, the talk became undecided and indefinite. Then all preferred listening to speaking.

A middle-aged man, handsome and virile, in the uniform of a retired naval officer, was speaking in one of the rooms, and a small crowd was pressing round him. Pierre went up to the circle that had formed round the speaker and listened. Count Ilya Rostov, in a military uniform of Catherine's time, was sauntering with a pleasant smile among the crowd, with all of whom he was acquainted. He too approached that group and listened with a kindly smile and nods of approval, as he always did, to what the speaker was saying. The retired naval man was speaking very boldly, as was evident from the expression on the faces of the listeners and from the fact that some people Pierre knew as the meekest and quietest of men walked away disapprovingly or expressed disagreement with him. Pierre pushed his way into the middle of the group, listened, and convinced himself that the man was indeed a liberal, but of views quite different from his own. The naval officer spoke in a particularly sonorous, musical, and aristocratic baritone voice, pleasantly swallowing his r's and generally slurring his consonants: the voice of a man calling out to his servant, "Heah! Bwing me my pipe!" It was indicative of dissipation and the exercise of authority.

"What if the Smolensk people have offahd to waise militia for the Empewah? Ah we to take Smolensk as our patte'n? If the noble

awistocwacy of the pwovince of Moscow thinks fit, it can show its loyalty to our sov'weign the Empewah in other ways. Have we fo'gotten the waising of the militia in the yeah 'seven? All that did was to enwich the pwiests' sons and thieves and wobbahts...."

Count Ilya Rostov smiled blandly and nodded approval.

"And was our militia of any use to the Empia? Not at all! It only wuined our farming! Bettah have another conscwription... o' ou' men will wetu'h neithah soldiers no' peasants, and we'll get only depwavity fwom them. The nobility don't gwudge theah lives--ewewy one of us will go and bwing in more wecwuits, and the sov'weign" (that was the way he referred to the Emperor) "need only say the word and we'll all die fo' him!" added the orator with animation.

Count Rostov's mouth watered with pleasure and he nudged Pierre, but Pierre wanted to speak himself. He pushed forward, feeling stirred, but not yet sure what stirred him or what he would say. Scarcely had he opened his mouth when one of the senators, a man without a tooth in his head, with a shrewd though angry expression, standing near the first speaker, interrupted him. Evidently accustomed to managing debates and to maintaining an argument, he began in low but distinct tones:

"I imagine, sir," said he, mumbling with his toothless mouth, "that we have been summoned here not to discuss whether it's best for the empire at the present moment to adopt conscription or to call out the militia. We have been summoned to reply to the appeal with which our sovereign the Emperor has honored us. But to judge what is best--conscription or the militia--we can leave to the supreme authority...."

Pierre suddenly saw an outlet for his excitement. He hardened his heart against the senator who was introducing this set and narrow attitude into the deliberations of the nobility. Pierre stepped forward and interrupted him. He himself did not yet know what he would say, but he began to speak eagerly, occasionally lapsing into French or expressing himself in bookish Russian.

"Excuse me, your excellency," he began. (He was well acquainted with the senator, but thought it necessary on this occasion to address him formally.) "Though I don't agree with the gentleman..." (he hesitated: he wished to say, "Mon tres honorable preopinant"--"My very honorable opponent") "with the gentleman... whom I have not the honor of knowing, I suppose that the nobility have been summoned not merely to express their sympathy and enthusiasm but also to consider the means by which we can assist our Fatherland! I imagine," he went on, warming to his subject, "that the Emperor himself would not be

satisfied to find in us merely owners of serfs whom we are willing to devote to his service, and chair a canon* we are ready to make of ourselves--and not to obtain from us any co-co-counsel."

*"Food for cannon."

Many persons withdrew from the circle, noticing the senator's sarcastic smile and the freedom of Pierre's remarks. Only Count Rostov was pleased with them as he had been pleased with those of the naval officer, the senator, and in general with whatever speech he had last heard.

"I think that before discussing these questions," Pierre continued, "we should ask the Emperor--most respectfully ask His Majesty--to let us know the number of our troops and the position in which our army and our forces now are, and then..."

But scarcely had Pierre uttered these words before he was attacked from three sides. The most vigorous attack came from an old acquaintance, a boston player who had always been well disposed toward him, Stepan Stepanovich Adraksin. Adraksin was in uniform, and whether as a result of the uniform or from some other cause Pierre saw before him quite a different man. With a sudden expression of malevolence on his aged face, Adraksin shouted at Pierre:

"In the first place, I tell you we have no right to question the Emperor about that, and secondly, if the Russian nobility had that right, the Emperor could not answer such a question. The troops are moved according to the enemy's movements and the number of men increases and decreases..."

Another voice, that of a nobleman of medium height and about forty years of age, whom Pierre had formerly met at the gypsies' and knew as a bad cardplayer, and who, also transformed by his uniform, came up to Pierre, interrupted Adraksin.

"Yes, and this is not a time for discussing," he continued, "but for acting: there is war in Russia! The enemy is advancing to destroy Russia, to desecrate the tombs of our fathers, to carry off our wives and children." The nobleman smote his breast. "We will all arise, every one of us will go, for our father the Tsar!" he shouted, rolling his bloodshot eyes. Several approving voices were heard in the crowd. "We are Russians and will not grudge our blood in defense of our faith, the throne, and the Fatherland! We must cease raving if we are sons of our Fatherland! We will show Europe how Russia rises to the defense of Russia!"

Pierre wished to reply, but could not get in a word. He felt that his words, apart from what meaning they conveyed, were less audible than the sound of his opponent's voice.

Count Rostov at the back of the crowd was expressing approval; several persons, briskly turning a shoulder to the orator at the end of a phrase, said:

"That's right, quite right! Just so!"

Pierre wished to say that he was ready to sacrifice his money, his serfs, or himself, only one ought to know the state of affairs in order to be able to improve it, but he was unable to speak. Many voices shouted and talked at the same time, so that Count Rostov had not time to signify his approval of them all, and the group increased, dispersed, re-formed, and then moved with a hum of talk into the largest hall and to the big table. Not only was Pierre's attempt to speak unsuccessful, but he was rudely interrupted, pushed aside, and people turned away from him as from a common enemy. This happened not because they were displeased by the substance of his speech, which had even been forgotten after the many subsequent speeches, but to animate it the crowd needed a tangible object to love and a tangible object to hate. Pierre became the latter. Many other orators spoke after the excited nobleman, and all in the same tone. Many spoke eloquently and with originality.

Glinka, the editor of the Russian Messenger, who was recognized (cries of "author! author!" were heard in the crowd), said that "hell must be repulsed by hell," and that he had seen a child smiling at lightning flashes and thunderclaps, but "we will not be that child."

"Yes, yes, at thunderclaps!" was repeated approvingly in the back rows of the crowd.

The crowd drew up to the large table, at which sat gray-haired or bald seventy-year-old magnates, uniformed and besashed almost all of whom Pierre had seen in their own homes with their buffoons, or playing boston at the clubs. With an incessant hum of voices the crowd advanced to the table. Pressed by the throng against the high backs of the chairs, the orators spoke one after another and sometimes two together. Those standing behind noticed what a speaker omitted to say and hastened to supply it. Others in that heat and crush racked their brains to find some thought and hastened to utter it. The old magnates, whom Pierre knew, sat and turned to look first at one and then at another, and their faces for the most part only expressed the fact that they found it very hot. Pierre, however, felt excited,

and the general desire to show that they were ready to go to all lengths--which found expression in the tones and looks more than in the substance of the speeches--infected him too. He did not renounce his opinions, but felt himself in some way to blame and wished to justify himself.

"I only said that it would be more to the purpose to make sacrifices when we know what is needed!" said he, trying to be heard above the other voices.

One of the old men nearest to him looked round, but his attention was immediately diverted by an exclamation at the other side of the table.

"Yes, Moscow will be surrendered! She will be our expiation!" shouted one man.

"He is the enemy of mankind!" cried another. "Allow me to speak...."
"Gentlemen, you are crushing me!..."

CHAPTER XXIII

At that moment Count Rostopchin with his protruding chin and alert eyes, wearing the uniform of a general with sash over his shoulder, entered the room, stepping briskly to the front of the crowd of gentry.

"Our sovereign the Emperor will be here in a moment," said Rostopchin. "I am straight from the palace. Seeing the position we are in, I think there is little need for discussion. The Emperor has deigned to summon us and the merchants. Millions will pour forth from there"--he pointed to the merchants' hall--"but our business is to supply men and not spare ourselves... That is the least we can do!"

A conference took place confined to the magnates sitting at the table. The whole consultation passed more than quietly. After all the preceding noise the sound of their old voices saying one after another, "I agree," or for variety, "I too am of that opinion," and so on had even a mournful effect.

The secretary was told to write down the resolution of the Moscow nobility and gentry, that they would furnish ten men, fully equipped, out of every thousand serfs, as the Smolensk gentry had

done. Their chairs made a scraping noise as the gentlemen who had conferred rose with apparent relief, and began walking up and down, arm in arm, to stretch their legs and converse in couples.

"The Emperor! The Emperor!" a sudden cry resounded through the halls and the whole throng hurried to the entrance.

The Emperor entered the hall through a broad path between two lines of nobles. Every face expressed respectful, awe-struck curiosity. Pierre stood rather far off and could not hear all that the Emperor said. From what he did hear he understood that the Emperor spoke of the danger threatening the empire and of the hopes he placed on the Moscow nobility. He was answered by a voice which informed him of the resolution just arrived at.

"Gentlemen!" said the Emperor with a quivering voice.

There was a rustling among the crowd and it again subsided, so that Pierre distinctly heard the pleasantly human voice of the Emperor saying with emotion:

"I never doubted the devotion of the Russian nobles, but today it has surpassed my expectations. I thank you in the name of the Fatherland! Gentlemen, let us act! Time is most precious..."

The Emperor ceased speaking, the crowd began pressing round him, and rapturous exclamations were heard from all sides.

"Yes, most precious... a royal word," said Count Rostov, with a sob. He stood at the back, and, though he had heard hardly anything, understood everything in his own way.

From the hall of the nobility the Emperor went to that of the merchants. There he remained about ten minutes. Pierre was among those who saw him come out from the merchants' hall with tears of emotion in his eyes. As became known later, he had scarcely begun to address the merchants before tears gushed from his eyes and he concluded in a trembling voice. When Pierre saw the Emperor he was coming out accompanied by two merchants, one of whom Pierre knew, a fat otkupshchik. The other was the mayor, a man with a thin sallow face and narrow beard. Both were weeping. Tears filled the thin man's eyes, and the fat otkupshchik sobbed outright like a child and kept repeating:

"Our lives and property--take them, Your Majesty!"

Pierre's one feeling at the moment was a desire to show that he was ready to go all lengths and was prepared to sacrifice

everything. He now felt ashamed of his speech with its constitutional tendency and sought an opportunity of effacing it. Having heard that Count Mamonov was furnishing a regiment, Bezukhov at once informed Rostopchin that he would give a thousand men and their maintenance.

Old Rostov could not tell his wife of what had passed without tears, and at once consented to Petya's request and went himself to enter his name.

Next day the Emperor left Moscow. The assembled nobles all took off their uniforms and settled down again in their homes and clubs, and not without some groans gave orders to their stewards about the enrollment, feeling amazed themselves at what they had done.

BOOK TEN: 1812

CHAPTER I

Napoleon began the war with Russia because he could not resist going to Dresden, could not help having his head turned by the homage he received, could not help donning a Polish uniform and yielding to the stimulating influence of a June morning, and could not refrain from bursts of anger in the presence of Kurakin and then of Balashev.

Alexander refused negotiations because he felt himself to be personally insulted. Barclay de Tolly tried to command the army in the best way, because he wished to fulfill his duty and earn fame as a great commander. Rostov charged the French because he could not restrain his wish for a gallop across a level field; and in the same way the innumerable people who took part in the war acted in accord with their personal characteristics, habits, circumstances, and aims. They were moved by fear or vanity, rejoiced or were indignant, reasoned, imagining that they knew what they were doing and did it of their own free will, but they all were involuntary tools of history, carrying on a work concealed from them but comprehensible to us. Such is the inevitable fate of men of action, and the higher they stand in the social hierarchy the less are they free.

The actors of 1812 have long since left the stage, their personal interests have vanished leaving no trace, and nothing remains of that time but its historic results.

Providence compelled all these men, striving to attain personal aims, to further the accomplishment of a stupendous result no one of them at all expected--neither Napoleon, nor Alexander, nor still less any of those who did the actual fighting.

The cause of the destruction of the French army in 1812 is clear to us now. No one will deny that that cause was, on the one hand, its advance into the heart of Russia late in the season without any preparation for a winter campaign and, on the other, the character given to the war by the burning of Russian towns and the hatred of the foe this aroused among the Russian people. But no one at the time foresaw (what now seems so evident) that this was the only way an army of eight hundred thousand men--the best in the world and led by the best general--could be destroyed in conflict with a raw army of half its numerical strength, and led by inexperienced commanders as the Russian army was. Not only did no one see this, but on the Russian side every effort was made to hinder the only thing that could save Russia, while on the French side, despite Napoleon's experience and so-called military genius, every effort was directed to pushing on to Moscow at the end of the summer, that is, to doing the very thing that was bound to lead to destruction.

In historical works on the year 1812 French writers are very fond of saying that Napoleon felt the danger of extending his line, that he sought a battle and that his marshals advised him to stop at Smolensk, and of making similar statements to show that the danger of the campaign was even then understood. Russian authors are still fonder of telling us that from the commencement of the campaign a Scythian war plan was adopted to lure Napoleon into the depths of Russia, and this plan some of them attribute to Pfuell, others to a certain Frenchman, others to Toll, and others again to Alexander himself--pointing to notes, projects, and letters which contain hints of such a

line of action. But all these hints at what happened, both from the French side and the Russian, are advanced only because they fit in with the event. Had that event not occurred these hints would have been forgotten, as we have forgotten the thousands and millions of hints and expectations to the contrary which were current then but have now been forgotten because the event falsified them. There are always so many conjectures as to the issue of any event that however it may end there will always be people to say: "I said then that it would be so," quite forgetting that amid their innumerable conjectures many were to quite the contrary effect.

Conjectures as to Napoleon's awareness of the danger of extending his line, and (on the Russian side) as to luring the enemy into the depths of Russia, are evidently of that kind, and only by much straining can historians attribute such conceptions to Napoleon and his marshals, or such plans to the Russian commanders. All the facts are in flat contradiction to such conjectures. During the whole period of the war not only was there no wish on the Russian side to draw the French into the heart of the country, but from their first entry into Russia everything was done to stop them. And not only was Napoleon not afraid to extend his line, but he welcomed every step forward as a triumph and did not seek battle as eagerly as in former campaigns, but very lazily.

At the very beginning of the war our armies were divided, and our sole aim was to unite them, though uniting the armies was no advantage if we meant to retire and lure the enemy into the depths of the country. Our Emperor joined the army to encourage it to defend every inch of Russian soil and not to retreat. The enormous Drissa camp was formed on Pfuell's plan, and there was no intention of retiring farther. The Emperor reproached the commanders in chief for every step they retired. He could not bear the idea of letting the enemy even reach Smolensk, still less could he contemplate the burning of Moscow, and when our armies did unite he was displeased that Smolensk was abandoned and burned without a general engagement having been fought under its walls.

So thought the Emperor, and the Russian commanders and people were still more provoked at the thought that our forces were retreating into the depths of the country.

Napoleon having cut our armies apart advanced far into the country and missed several chances of forcing an engagement. In August he was at Smolensk and thought only of how to advance farther, though as we now see that advance was evidently ruinous to him.

The facts clearly show that Napoleon did not foresee the danger of the advance on Moscow, nor did Alexander and the Russian commanders then think of luring Napoleon on, but quite the contrary. The luring of Napoleon into the depths of the country was not the result of any plan, for no one believed it to be possible; it resulted from a most complex interplay of intrigues, aims, and wishes among those who took part in the war and had no perception whatever of the inevitable, or of the one way of saving Russia. Everything came about fortuitously. The armies were divided at the commencement of the campaign. We tried to unite them, with the evident intention of giving battle and checking the enemy's advance, and by this effort to unite them while avoiding battle with a much stronger enemy, and necessarily withdrawing the armies at an acute angle--we led the French on to

Smolensk. But we withdrew at an acute angle not only because the French advanced between our two armies; the angle became still more acute and we withdrew still farther, because Barclay de Tolly was an unpopular foreigner disliked by Bagration (who would come his command), and Bagration--being in command of the second army--tried to postpone joining up and coming under Barclay's command as long as he could. Bagration was slow in effecting the junction--though that was the chief aim of all at headquarters--because, as he alleged, he exposed his army to danger on this march, and it was best for him to retire more to the left and more to the south, worrying the enemy from flank and rear and securing from the Ukraine recruits for his army; and it looks as if he planned this in order not to come under the command of the detested foreigner Barclay, whose rank was inferior to his own.

The Emperor was with the army to encourage it, but his presence and ignorance of what steps to take, and the enormous number of advisers and plans, destroyed the first army's energy and it retired.

The intention was to make a stand at the Drissa camp, but Paulucci, aiming at becoming commander in chief, unexpectedly employed his energy to influence Alexander, and Pfuel's whole plan was abandoned and the command entrusted to Barclay. But as Barclay did not inspire confidence his power was limited. The armies were divided, there was no unity of command, and Barclay was unpopular; but from this confusion, division, and the unpopularity of the foreign commander in chief, there resulted on the one hand indecision and the avoidance of a battle (which we could not have refrained from had the armies been united and had someone else, instead of Barclay, been in command) and on the other an ever-increasing indignation against the foreigners and an increase in patriotic zeal.

At last the Emperor left the army, and as the most convenient and indeed the only pretext for his departure it was decided that it was necessary for him to inspire the people in the capitals and arouse the nation in general to a patriotic war. And by this visit of the Emperor to Moscow the strength of the Russian army was trebled.

He left in order not to obstruct the commander in chief's undivided control of the army, and hoping that more decisive action would then be taken, but the command of the armies became still more confused and enfeebled. Bennigsen, the Tsarevich, and a swarm of adjutants general remained with the army to keep the commander in chief under observation and arouse his energy, and Barclay, feeling less free than ever under the observation of all these "eyes of the Emperor," became still more cautious of undertaking any decisive action and avoided giving battle.

Barclay stood for caution. The Tsarevich hinted at treachery and demanded a general engagement. Lubomirski, Bronnitski, Wlocki, and the others of that group stirred up so much trouble that Barclay, under pretext of sending papers to the Emperor, dispatched these Polish adjutants general to Petersburg and plunged into an open struggle with Bennigsen and the Tsarevich.

At Smolensk the armies at last reunited, much as Bagration disliked it.

Bagration drove up in a carriage to to the house occupied by Barclay. Barclay donned his sash and came out to meet and report to his senior officer Bagration.

Despite his seniority in rank Bagration, in this contest of magnanimity, took his orders from Barclay, but, having submitted, agreed with him less than ever. By the Emperor's orders Bagration reported direct to him. He wrote to Arakcheev, the Emperor's confidant: "It must be as my sovereign pleases, but I cannot work with the Minister (meaning Barclay). For God's sake send me somewhere else if only in command of a regiment. I cannot stand it here. Headquarters are so full of Germans that a Russian cannot exist and there is no sense in anything. I thought I was really serving my sovereign and the Fatherland, but it turns out that I am serving Barclay. I confess I do not want to."

The swarm of Bronnitskis and Wintzingerodes and their like still further embittered the relations between the commanders in chief, and even less unity resulted. Preparations were made to fight the French before Smolensk. A general was sent to survey the position. This general, hating Barclay, rode to visit a friend of his own, a corps commander, and, having spent the day with him, returned to Barclay and condemned, as unsuitable from every point of view, the battleground he had not seen.

While disputes and intrigues were going on about the future field of battle, and while we were looking for the French--having lost touch with them--the French stumbled upon Neverovski's division and reached the walls of Smolensk.

It was necessary to fight an unexpected battle at Smolensk to save our lines of communication. The battle was fought and thousands were killed on both sides.

Smolensk was abandoned contrary to the wishes of the Emperor and of the whole people. But Smolensk was burned by its own inhabitants-who had been misled by their governor. And these ruined inhabitants, setting an example to other Russians, went to Moscow

thinking only of their own losses but kindling hatred of the foe. Napoleon advanced farther and we retired, thus arriving at the very result which caused his destruction.

CHAPTER II

The day after his son had left, Prince Nicholas sent for Princess Mary to come to his study.

"Well? Are you satisfied now?" said he. "You've made me quarrel with my son! Satisfied, are you? That's all you wanted! Satisfied?... It hurts me, it hurts. I'm old and weak and this is what you wanted. Well then, gloat over it! Gloat over it!"

After that Princess Mary did not see her father for a whole week. He was ill and did not leave his study.

Princess Mary noticed to her surprise that during this illness the old prince not only excluded her from his room, but did not admit Mademoiselle Bourienne either. Tikhon alone attended him.

At the end of the week the prince reappeared and resumed his former way of life, devoting himself with special activity to building operations and the arrangement of the gardens and completely breaking off his relations with Mademoiselle Bourienne. His looks and cold tone to his daughter seemed to say: "There, you see? You plotted against me, you lied to Prince Andrew about my relations with that Frenchwoman and made me quarrel with him, but you see I need neither her nor you!"

Princess Mary spent half of every day with little Nicholas, watching his lessons, teaching him Russian and music herself, and talking to Dessalles; the rest of the day she spent over her books, with her old nurse, or with "God's folk" who sometimes came by the back door to see her.

Of the war Princess Mary thought as women do think about wars. She feared for her brother who was in it, was horrified by and amazed at the strange cruelty that impels men to kill one another, but she did not understand the significance of this war, which seemed to her like all previous wars. She did not realize the significance of this war, though Dessalles with whom she constantly conversed was passionately interested in its progress and tried to explain his own

conception of it to her, and though the "God's folk" who came to see her reported, in their own way, the rumors current among the people of an invasion by Antichrist, and though Julie (now Princess Drubetskaya), who had resumed correspondence with her, wrote patriotic letters from Moscow.

"I write you in Russian, my good friend," wrote Julie in her Frenchified Russian, "because I have a detestation for all the French, and the same for their language which I cannot support to hear spoken.... We in Moscow are elated by enthusiasm for our adored Emperor.

"My poor husband is enduring pains and hunger in Jewish taverns, but the news which I have inspires me yet more.

"You heard probably of the heroic exploit of Raevski, embracing his two sons and saying: 'I will perish with them but we will not be shaken!' And truly though the enemy was twice stronger than we, we were unshakable. We pass the time as we can, but in war as in war! The princesses Aline and Sophie sit whole days with me, and we, unhappy widows of live men, make beautiful conversations over our charpie, only you, my friend, are missing..." and so on.

The chief reason Princess Mary did not realize the full significance of this war was that the old prince never spoke of it, did not recognize it, and laughed at Dessalles when he mentioned it at dinner. The prince's tone was so calm and confident that Princess Mary unhesitatingly believed him.

All that July the old prince was exceedingly active and even animated. He planned another garden and began a new building for the domestic serfs. The only thing that made Princess Mary anxious about him was that he slept very little and, instead of sleeping in his study as usual, changed his sleeping place every day. One day he would order his camp bed to be set up in the glass gallery, another day he remained on the couch or on the lounge chair in the drawing room and dozed there without undressing, while--instead of Mademoiselle Bourienne--a serf boy read to him. Then again he would spend a night in the dining room.

On August 1, a second letter was received from Prince Andrew. In his first letter which came soon after he had left home, Prince Andrew had dutifully asked his father's forgiveness for what he had allowed himself to say and begged to be restored to his favor. To this letter the old prince had replied affectionately, and from that time had kept the Frenchwoman at a distance. Prince Andrew's second letter, written near Vitebsk after the French had occupied that town, gave a brief account of the whole campaign, enclosed for them a plan he had

drawn and forecasts as to the further progress of the war. In this letter Prince Andrew pointed out to his father the danger of staying at Bald Hills, so near the theater of war and on the army's direct line of march, and advised him to move to Moscow.

At dinner that day, on Dessalles' mentioning that the French were said to have already entered Vitebsk, the old prince remembered his son's letter.

"There was a letter from Prince Andrew today," he said to Princess Mary--"Haven't you read it?"

"No, Father," she replied in a frightened voice.

She could not have read the letter as she did not even know it had arrived.

"He writes about this war," said the prince, with the ironic smile that had become habitual to him in speaking of the present war.

"That must be very interesting," said Dessalles. "Prince Andrew is in a position to know..."

"Oh, very interesting!" said Mademoiselle Bourienne.

"Go and get it for me," said the old prince to Mademoiselle Bourienne. "You know--under the paperweight on the little table."

Mademoiselle Bourienne jumped up eagerly.

"No, don't!" he exclaimed with a frown. "You go, Michael Ivanovich."

Michael Ivanovich rose and went to the study. But as soon as he had left the room the old prince, looking uneasily round, threw down his napkin and went himself.

"They can't do anything... always make some muddle," he muttered.

While he was away Princess Mary, Dessalles, Mademoiselle Bourienne, and even little Nicholas exchanged looks in silence. The old prince returned with quick steps, accompanied by Michael Ivanovich, bringing the letter and a plan. These he put down beside him--not letting anyone read them at dinner.

On moving to the drawing room he handed the letter to Princess Mary and, spreading out before him the plan of the new building and fixing his eyes upon it, told her to read the letter aloud. When she had done so Princess Mary looked inquiringly at her father. He was

examining the plan, evidently engrossed in his own ideas.

"What do you think of it, Prince?" Dessalles ventured to ask.

"I? I?..." said the prince as if unpleasantly awakened, and not taking his eyes from the plan of the building.

"Very possibly the theater of war will move so near to us that..."

"Ha ha ha! The theater of war!" said the prince. "I have said and still say that the theater of war is Poland and the enemy will never get beyond the Niemen."

Dessalles looked in amazement at the prince, who was talking of the Niemen when the enemy was already at the Dnieper, but Princess Mary, forgetting the geographical position of the Niemen, thought that what her father was saying was correct.

"When the snow melts they'll sink in the Polish swamps. Only they could fail to see it," the prince continued, evidently thinking of the campaign of 1807 which seemed to him so recent. "Bennigsen should have advanced into Prussia sooner, then things would have taken a different turn..."

"But, Prince," Dessalles began timidly, "the letter mentions Vitebsk..."

"Ah, the letter? Yes..." replied the prince peevishly. "Yes... yes..." His face suddenly took on a morose expression. He paused. "Yes, he writes that the French were beaten at... at... what river is it?"

Dessalles dropped his eyes.

"The prince says nothing about that," he remarked gently.

"Doesn't he? But I didn't invent it myself."

No one spoke for a long time.

"Yes... yes... Well, Michael Ivanovich," he suddenly went on, raising his head and pointing to the plan of the building, "tell me how you mean to alter it..."

Michael Ivanovich went up to the plan, and the prince after speaking to him about the building looked angrily at Princess Mary and Dessalles and went to his own room.

Princess Mary saw Dessalles' embarrassed and astonished look fixed on her father, noticed his silence, and was struck by the fact that her father had forgotten his son's letter on the drawing-room table; but she was not only afraid to speak of it and ask Dessalles the reason of his confusion and silence, but was afraid even to think about it.

In the evening Michael Ivanovich, sent by the prince, came to Princess Mary for Prince Andrew's letter which had been forgotten in the drawing room. She gave it to him and, unpleasant as it was to her to do so, ventured to ask him what her father was doing.

"Always busy," replied Michael Ivanovich with a respectfully ironic smile which caused Princess Mary to turn pale. "He's worrying very much about the new building. He has been reading a little, but now"--Michael Ivanovich went on, lowering his voice--"now he's at his desk, busy with his will, I expect." (One of the prince's favorite occupations of late had been the preparation of some papers he meant to leave at his death and which he called his "will.")

"And Alpatych is being sent to Smolensk?" asked Princess Mary.

"Oh, yes, he has been waiting to start for some time."

CHAPTER III

When Michael Ivanovich returned to the study with the letter, the old prince, with spectacles on and a shade over his eyes, was sitting at his open bureau with screened candles, holding a paper in his outstretched hand, and in a somewhat dramatic attitude was reading his manuscript--his "Remarks" as he termed it--which was to be transmitted to the Emperor after his death.

When Michael Ivanovich went in there were tears in the prince's eyes evoked by the memory of the time when the paper he was now reading had been written. He took the letter from Michael Ivanovich's hand, put it in his pocket, folded up his papers, and called in Alpatych who had long been waiting.

The prince had a list of things to be bought in Smolensk and, walking up and down the room past Alpatych who stood by the door, he gave his instructions.

"First, notepaper--do you hear? Eight quires, like this sample, gilt-edged... it must be exactly like the sample. Varnish, sealing wax, as in Michael Ivanovich's list."

He paced up and down for a while and glanced at his notes.

"Then hand to the governor in person a letter about the deed."

Next, bolts for the doors of the new building were wanted and had to be of a special shape the prince had himself designed, and a leather case had to be ordered to keep the "will" in.

The instructions to Alpatych took over two hours and still the prince did not let him go. He sat down, sank into thought, closed his eyes, and dozed off. Alpatych made a slight movement.

"Well, go, go! If anything more is wanted I'll send after you."

Alpatych went out. The prince again went to his bureau, glanced into it, fingered his papers, closed the bureau again, and sat down at the table to write to the governor.

It was already late when he rose after sealing the letter. He wished to sleep, but he knew he would not be able to and that most depressing thoughts came to him in bed. So he called Tikhon and went through the rooms with him to show him where to set up the bed for that night.

He went about looking at every corner. Every place seemed unsatisfactory, but worst of all was his customary couch in the study. That couch was dreadful to him, probably because of the oppressive thoughts he had had when lying there. It was unsatisfactory everywhere, but the corner behind the piano in the sitting room was better than other places: he had never slept there yet.

With the help of a footman Tikhon brought in the bedstead and began putting it up.

"That's not right! That's not right!" cried the prince, and himself pushed it a few inches from the corner and then closer in again.

"Well, at last I've finished, now I'll rest," thought the prince, and let Tikhon undress him.

Frowning with vexation at the effort necessary to divest himself of his coat and trousers, the prince undressed, sat down heavily on the bed, and appeared to be meditating as he looked contemptuously at his withered yellow legs. He was not meditating, but only deferring

the moment of making the effort to lift those legs up and turn over on the bed. "Ugh, how hard it is! Oh, that this toil might end and you would release me!" thought he. Pressing his lips together he made that effort for the twenty-thousandth time and lay down. But hardly had he done so before he felt the bed rocking backwards and forwards beneath him as if it were breathing heavily and jolting. This happened to him almost every night. He opened his eyes as they were closing.

"No peace, damn them!" he muttered, angry he knew not with whom. "Ah yes, there was something else important, very important, that I was keeping till I should be in bed. The bolts? No, I told him about them. No, it was something, something in the drawing room. Princess Mary talked some nonsense. Dessalles, that fool, said something. Something in my pocket--can't remember..."

"Tikhon, what did we talk about at dinner?"

"About Prince Michael..."

"Be quiet, quiet!" The prince slapped his hand on the table. "Yes, I know, Prince Andrew's letter! Princess Mary read it. Dessalles said something about Vitebsk. Now I'll read it."

He had the letter taken from his pocket and the table--on which stood a glass of lemonade and a spiral wax candle--moved close to the bed, and putting on his spectacles he began reading. Only now in the stillness of the night, reading it by the faint light under the green shade, did he grasp its meaning for a moment.

"The French at Vitebsk, in four days' march they may be at Smolensk; perhaps are already there! Tikhon!" Tikhon jumped up. "No, no, I don't want anything!" he shouted.

He put the letter under the candlestick and closed his eyes. And there rose before him the Danube at bright noonday: reeds, the Russian camp, and himself a young general without a wrinkle on his ruddy face, vigorous and alert, entering Potemkin's gaily colored tent, and a burning sense of jealousy of "the favorite" agitated him now as strongly as it had done then. He recalled all the words spoken at that first meeting with Potemkin. And he saw before him a plump, rather sallow-faced, short, stout woman, the Empress Mother, with her smile and her words at her first gracious reception of him, and then that same face on the catafalque, and the encounter he had with Zubov over her coffin about his right to kiss her hand.

"Oh, quicker, quicker! To get back to that time and have done with all the present! Quicker, quicker--and that they should leave me in peace!"

CHAPTER IV

Bald Hills, Prince Nicholas Bolkonski's estate, lay forty miles east from Smolensk and two miles from the main road to Moscow.

The same evening that the prince gave his instructions to Alpatych, Dessalles, having asked to see Princess Mary, told her that, as the prince was not very well and was taking no steps to secure his safety, though from Prince Andrew's letter it was evident that to remain at Bald Hills might be dangerous, he respectfully advised her to send a letter by Alpatych to the Provincial Governor at Smolensk, asking him to let her know the state of affairs and the extent of the danger to which Bald Hills was exposed. Dessalles wrote this letter to the Governor for Princess Mary, she signed it, and it was given to Alpatych with instructions to hand it to the Governor and to come back as quickly as possible if there was danger.

Having received all his orders Alpatych, wearing a white beaver hat--a present from the prince--and carrying a stick as the prince did, went out accompanied by his family. Three well-fed roans stood ready harnessed to a small conveyance with a leather hood.

The larger bell was muffled and the little bells on the harness stuffed with paper. The prince allowed no one at Bald Hills to drive with ringing bells; but on a long journey Alpatych liked to have them. His satellites--the senior clerk, a countinghouse clerk, a scullery maid, a cook, two old women, a little pageboy, the coachman, and various domestic serfs--were seeing him off.

His daughter placed chintz-covered down cushions for him to sit on and behind his back. His old sister-in-law popped in a small bundle, and one of the coachmen helped him into the vehicle.

"There! There! Women's fuss! Women, women!" said Alpatych, puffing and speaking rapidly just as the prince did, and he climbed into the trap.

After giving the clerk orders about the work to be done, Alpatych, not trying to imitate the prince now, lifted the hat from his bald head and crossed himself three times.

"If there is anything... come back, Yakov Alpatych! For Christ's

sake think of us!" cried his wife, referring to the rumors of war and the enemy.

"Women, women! Women's fuss!" muttered Alpatych to himself and started on his journey, looking round at the fields of yellow rye and the still-green, thickly growing oats, and at other quite black fields just being plowed a second time.

As he went along he looked with pleasure at the year's splendid crop of corn, scrutinized the strips of ryefield which here and there were already being reaped, made his calculations as to the sowing and the harvest, and asked himself whether he had not forgotten any of the prince's orders.

Having baited the horses twice on the way, he arrived at the town toward evening on the fourth of August.

Alpatych kept meeting and overtaking baggage trains and troops on the road. As he approached Smolensk he heard the sounds of distant firing, but these did not impress him. What struck him most was the sight of a splendid field of oats in which a camp had been pitched and which was being mown down by the soldiers, evidently for fodder. This fact impressed Alpatych, but in thinking about his own business he soon forgot it.

All the interests of his life for more than thirty years had been bounded by the will of the prince, and he never went beyond that limit. Everything not connected with the execution of the prince's orders did not interest and did not even exist for Alpatych.

On reaching Smolensk on the evening of the fourth of August he put up in the Gachina suburb across the Dnieper, at the inn kept by Ferapontov, where he had been in the habit of putting up for the last thirty years. Some thirty years ago Ferapontov, by Alpatych's advice, had bought a wood from the prince, had begun to trade, and now had a house, an inn, and a corn dealer's shop in that province. He was a stout, dark, red-faced peasant in the forties, with thick lips, a broad knob of a nose, similar knobs over his black frowning brows, and a round belly.

Wearing a waistcoat over his cotton shirt, Ferapontov was standing before his shop which opened onto the street. On seeing Alpatych he went up to him.

"You're welcome, Yakov Alpatych. Folks are leaving the town, but you have come to it," said he.

"Why are they leaving the town?" asked Alpatych.

"That's what I say. Folks are foolish! Always afraid of the French."

"Women's fuss, women's fuss!" said Alpatych.

"Just what I think, Yakov Alpatych. What I say is: orders have been given not to let them in, so that must be right. And the peasants are asking three rubles for carting--it isn't Christian!"

Yakov Alpatych heard without heeding. He asked for a samovar and for hay for his horses, and when he had had his tea he went to bed.

All night long troops were moving past the inn. Next morning Alpatych donned a jacket he wore only in town and went out on business. It was a sunny morning and by eight o'clock it was already hot. "A good day for harvesting," thought Alpatych.

From beyond the town firing had been heard since early morning. At eight o'clock the booming of cannon was added to the sound of musketry. Many people were hurrying through the streets and there were many soldiers, but cabs were still driving about, tradesmen stood at their shops, and service was being held in the churches as usual. Alpatych went to the shops, to government offices, to the post office, and to the Governor's. In the offices and shops and at the post office everyone was talking about the army and about the enemy who was already attacking the town, everybody was asking what should be done, and all were trying to calm one another.

In front of the Governor's house Alpatych found a large number of people, Cossacks, and a traveling carriage of the Governor's. At the porch he met two of the landed gentry, one of whom he knew. This man, an ex-captain of police, was saying angrily:

"It's no joke, you know! It's all very well if you're single. 'One man though undone is but one,' as the proverb says, but with thirteen in your family and all the property... They've brought us to utter ruin! What sort of governors are they to do that? They ought to be hanged--the brigands!..."

"Oh come, that's enough!" said the other.

"What do I care? Let him hear! We're not dogs," said the ex-captain of police, and looking round he noticed Alpatych.

"Oh, Yakov Alpatych! What have you come for?"

"To see the Governor by his excellency's order," answered Alpatych, lifting his head and proudly thrusting his hand into the

bosom of his coat as he always did when he mentioned the prince....
"He has ordered me to inquire into the position of affairs," he added.

"Yes, go and find out!" shouted the angry gentleman. "They've brought things to such a pass that there are no carts or anything!... There it is again, do you hear?" said he, pointing in the direction whence came the sounds of firing.

"They've brought us all to ruin... the brigands!" he repeated, and descended the porch steps.

Alpatych swayed his head and went upstairs. In the waiting room were tradesmen, women, and officials, looking silently at one another. The door of the Governor's room opened and they all rose and moved forward. An official ran out, said some words to a merchant, called a stout official with a cross hanging on his neck to follow him, and vanished again, evidently wishing to avoid the inquiring looks and questions addressed to him. Alpatych moved forward and next time the official came out addressed him, one hand placed in the breast of his buttoned coat, and handed him two letters.

"To his Honor Baron Asch, from General-in-Chief Prince Bolkonski," he announced with such solemnity and significance that the official turned to him and took the letters.

A few minutes later the Governor received Alpatych and hurriedly said to him:

"Inform the prince and princess that I knew nothing: I acted on the highest instructions--here..." and he handed a paper to Alpatych. "Still, as the prince is unwell my advice is that they should go to Moscow. I am just starting myself. Inform them..."

But the Governor did not finish: a dusty perspiring officer ran into the room and began to say something in French. The Governor's face expressed terror.

"Go," he said, nodding his head to Alpatych, and began questioning the officer.

Eager, frightened, helpless glances were turned on Alpatych when he came out of the Governor's room. Involuntarily listening now to the firing, which had drawn nearer and was increasing in strength, Alpatych hurried to his inn. The paper handed to him by the Governor said this:

"I assure you that the town of Smolensk is not in the slightest

danger as yet and it is unlikely that it will be threatened with any. I from the one side and Prince Bagration from the other are marching to unite our forces before Smolensk, which junction will be effected on the 22nd instant, and both armies with their united forces will defend our compatriots of the province entrusted to your care till our efforts shall have beaten back the enemies of our Fatherland, or till the last warrior in our valiant ranks has perished. From this you will see that you have a perfect right to reassure the inhabitants of Smolensk, for those defended by two such brave armies may feel assured of victory." (Instructions from Barclay de Tolly to Baron Asch, the civil governor of Smolensk, 1812.)

People were anxiously roaming about the streets.

Carts piled high with household utensils, chairs, and cupboards kept emerging from the gates of the yards and moving along the streets. Loaded carts stood at the house next to Ferapontov's and women were wailing and lamenting as they said good-by. A small watchdog ran round barking in front of the harnessed horses.

Alpatych entered the innyard at a quicker pace than usual and went straight to the shed where his horses and trap were. The coachman was asleep. He woke him up, told him to harness, and went into the passage. From the host's room came the sounds of a child crying, the despairing sobs of a woman, and the hoarse angry shouting of Ferapontov. The cook began running hither and thither in the passage like a frightened hen, just as Alpatych entered.

"He's done her to death. Killed the mistress!... Beat her... dragged her about so!..."

"What for?" asked Alpatych.

"She kept begging to go away. She's a woman! 'Take me away,' says she, 'don't let me perish with my little children! Folks,' she says, 'are all gone, so why,' she says, 'don't we go?' And he began beating and pulling her about so!"

At these words Alpatych nodded as if in approval, and not wishing to hear more went to the door of the room opposite the innkeeper's, where he had left his purchases.

"You brute, you murderer!" screamed a thin, pale woman who, with a baby in her arms and her kerchief torn from her head, burst through the door at that moment and down the steps into the yard.

Ferapontov came out after her, but on seeing Alpatych adjusted his

waistcoat, smoothed his hair, yawned, and followed Alpatych into the opposite room.

"Going already?" said he.

Alpatych, without answering or looking at his host, sorted his packages and asked how much he owed.

"We'll reckon up! Well, have you been to the Governor's?" asked Ferapontov. "What has been decided?"

Alpatych replied that the Governor had not told him anything definite.

"With our business, how can we get away?" said Ferapontov. "We'd have to pay seven rubles a cartload to Dorogobuzh and I tell them they're not Christians to ask it! Selivanov, now, did a good stroke last Thursday--sold flour to the army at nine rubles a sack. Will you have some tea?" he added.

While the horses were being harnessed Alpatych and Ferapontov over their tea talked of the price of corn, the crops, and the good weather for harvesting.

"Well, it seems to be getting quieter," remarked Ferapontov, finishing his third cup of tea and getting up. "Ours must have got the best of it. The orders were not to let them in. So we're in force, it seems.... They say the other day Matthew Ivanych Platov drove them into the river Marina and drowned some eighteen thousand in one day."

Alpatych collected his parcels, handed them to the coachman who had come in, and settled up with the innkeeper. The noise of wheels, hoofs, and bells was heard from the gateway as a little trap passed out.

It was by now late in the afternoon. Half the street was in shadow, the other half brightly lit by the sun. Alpatych looked out of the window and went to the door. Suddenly the strange sound of a far-off whistling and thud was heard, followed by a boom of cannon blending into a dull roar that set the windows rattling.

He went out into the street: two men were running past toward the bridge. From different sides came whistling sounds and the thud of cannon balls and bursting shells falling on the town. But these sounds were hardly heard in comparison with the noise of the firing outside the town and attracted little attention from the inhabitants. The town was being bombarded by a hundred and thirty guns which Napoleon had

ordered up after four o'clock. The people did not at once realize the meaning of this bombardment.

At first the noise of the falling bombs and shells only aroused curiosity. Ferapontov's wife, who till then had not ceased wailing under the shed, became quiet and with the baby in her arms went to the gate, listening to the sounds and looking in silence at the people.

The cook and a shop assistant came to the gate. With lively curiosity everyone tried to get a glimpse of the projectiles as they flew over their heads. Several people came round the corner talking eagerly.

"What force!" remarked one. "Knocked the roof and ceiling all to splinters!"

"Routed up the earth like a pig," said another.

"That's grand, it bucks one up!" laughed the first. "Lucky you jumped aside, or it would have wiped you out!"

Others joined those men and stopped and told how cannon balls had fallen on a house close to them. Meanwhile still more projectiles, now with the swift sinister whistle of a cannon ball, now with the agreeable intermittent whistle of a shell, flew over people's heads incessantly, but not one fell close by, they all flew over. Alpatych was getting into his trap. The innkeeper stood at the gate.

"What are you staring at?" he shouted to the cook, who in her red skirt, with sleeves rolled up, swinging her bare elbows, had stepped to the corner to listen to what was being said.

"What marvels!" she exclaimed, but hearing her master's voice she turned back, pulling down her tucked-up skirt.

Once more something whistled, but this time quite close, swooping downwards like a little bird; a flame flashed in the middle of the street, something exploded, and the street was shrouded in smoke.

"Scoundrel, what are you doing?" shouted the innkeeper, rushing to the cook.

At that moment the pitiful wailing of women was heard from different sides, the frightened baby began to cry, and people crowded silently with pale faces round the cook. The loudest sound in that crowd was her wailing.

"Oh-h-h! Dear souls, dear kind souls! Don't let me die! My good

souls!..."

Five minutes later no one remained in the street. The cook, with her thigh broken by a shell splinter, had been carried into the kitchen. Alpatych, his coachman, Ferapontov's wife and children and the house porter were all sitting in the cellar, listening. The roar of guns, the whistling of projectiles, and the piteous moaning of the cook, which rose above the other sounds, did not cease for a moment. The mistress rocked and hushed her baby and when anyone came into the cellar asked in a pathetic whisper what had become of her husband who had remained in the street. A shopman who entered told her that her husband had gone with others to the cathedral, whence they were fetching the wonder-working icon of Smolensk.

Toward dusk the cannonade began to subside. Alpatych left the cellar and stopped in the doorway. The evening sky that had been so clear was clouded with smoke, through which, high up, the sickle of the new moon shone strangely. Now that the terrible din of the guns had ceased a hush seemed to reign over the town, broken only by the rustle of footsteps, the moaning, the distant cries, and the crackle of fires which seemed widespread everywhere. The cook's moans had now subsided. On two sides black curling clouds of smoke rose and spread from the fires. Through the streets soldiers in various uniforms walked or ran confusedly in different directions like ants from a ruined ant-hill. Several of them ran into Ferapontov's yard before Alpatych's eyes. Alpatych went out to the gate. A retreating regiment, thronging and hurrying, blocked the street.

Noticing him, an officer said: "The town is being abandoned. Get away, get away!" and then, turning to the soldiers, shouted:

"I'll teach you to run into the yards!"

Alpatych went back to the house, called the coachman, and told him to set off. Ferapontov's whole household came out too, following Alpatych and the coachman. The women, who had been silent till then, suddenly began to wail as they looked at the fires--the smoke and even the flames of which could be seen in the failing twilight--and as if in reply the same kind of lamentation was heard from other parts of the street. Inside the shed Alpatych and the coachman arranged the tangled reins and traces of their horses with trembling hands.

As Alpatych was driving out of the gate he saw some ten soldiers in Ferapontov's open shop, talking loudly and filling their bags and knapsacks with flour and sunflower seeds. Just then Ferapontov returned and entered his shop. On seeing the soldiers he was about to shout at them, but suddenly stopped and, clutching at his hair, burst into sobs and laughter:

"Loot everything, lads! Don't let those devils get it!" he cried, taking some bags of flour himself and throwing them into the street.

Some of the soldiers were frightened and ran away, others went on filling their bags. On seeing Alpatych, Ferapontov turned to him:

"Russia is done for!" he cried. "Alpatych, I'll set the place on fire myself. We're done for!..." and Ferapontov ran into the yard.

Soldiers were passing in a constant stream along the street blocking it completely, so that Alpatych could not pass out and had to wait. Ferapontov's wife and children were also sitting in a cart waiting till it was possible to drive out.

Night had come. There were stars in the sky and the new moon shone out amid the smoke that screened it. On the sloping descent to the Dnieper Alpatych's cart and that of the innkeeper's wife, which were slowly moving amid the rows of soldiers and of other vehicles, had to stop. In a side street near the crossroads where the vehicles had stopped, a house and some shops were on fire. This fire was already burning itself out. The flames now died down and were lost in the black smoke, now suddenly flared up again brightly, lighting up with strange distinctness the faces of the people crowding at the crossroads. Black figures flitted about before the fire, and through the incessant crackling of the flames talking and shouting could be heard. Seeing that his trap would not be able to move on for some time, Alpatych got down and turned into the side street to look at the fire. Soldiers were continually rushing backwards and forwards near it, and he saw two of them and a man in a frieze coat dragging burning beams into another yard across the street, while others carried bundles of hay.

Alpatych went up to a large crowd standing before a high barn which was blazing briskly. The walls were all on fire and the back wall had fallen in, the wooden roof was collapsing, and the rafters were alight. The crowd was evidently watching for the roof to fall in, and Alpatych watched for it too.

"Alpatych!" a familiar voice suddenly hailed the old man.

"Mercy on us! Your excellency!" answered Alpatych, immediately recognizing the voice of his young prince.

Prince Andrew in his riding cloak, mounted on a black horse, was looking at Alpatych from the back of the crowd.

"Why are you here?" he asked.

"Your... your excellency," stammered Alpatych and broke into sobs.
"Are we really lost? Master!..."

"Why are you here?" Prince Andrew repeated.

At that moment the flames flared up and showed his young master's pale worn face. Alpatych told how he had been sent there and how difficult it was to get away.

"Are we really quite lost, your excellency?" he asked again.

Prince Andrew without replying took out a notebook and raising his knee began writing in pencil on a page he tore out. He wrote to his sister:

"Smolensk is being abandoned. Bald Hills will be occupied by the enemy within a week. Set off immediately for Moscow. Let me know at once when you will start. Send by special messenger to Usvyazh."

Having written this and given the paper to Alpatych, he told him how to arrange for departure of the prince, the princess, his son, and the boy's tutor, and how and where to let him know immediately. Before he had had time to finish giving these instructions, a chief of staff followed by a suite galloped up to him.

"You are a colonel?" shouted the chief of staff with a German accent, in a voice familiar to Prince Andrew. "Houses are set on fire in your presence and you stand by! What does this mean? You will answer for it!" shouted Berg, who was now assistant to the chief of staff of the commander of the left flank of the infantry of the first army, a place, as Berg said, "very agreeable and well en evidence."

Prince Andrew looked at him and without replying went on speaking to Alpatych.

"So tell them that I shall await a reply till the tenth, and if by the tenth I don't receive news that they have all got away I shall have to throw up everything and come myself to Bald Hills."

"Prince," said Berg, recognizing Prince Andrew, "I only spoke because I have to obey orders, because I always do obey exactly.... You must please excuse me," he went on apologetically.

Something cracked in the flames. The fire died down for a moment and

wreaths of black smoke rolled from under the roof. There was another terrible crash and something huge collapsed.

"Ou-rou-rou!" yelled the crowd, echoing the crash of the collapsing roof of the barn, the burning grain in which diffused a cakelike aroma all around. The flames flared up again, lighting the animated, delighted, exhausted faces of the spectators.

The man in the frieze coat raised his arms and shouted:

"It's fine, lads! Now it's raging... It's fine!"

"That's the owner himself," cried several voices.

"Well then," continued Prince Andrew to Alpatych, "report to them as I have told you"; and not replying a word to Berg who was now mute beside him, he touched his horse and rode down the side street.

CHAPTER V

From Smolensk the troops continued to retreat, followed by the enemy. On the tenth of August the regiment Prince Andrew commanded was marching along the highroad past the avenue leading to Bald Hills. Heat and drought had continued for more than three weeks. Each day fleecy clouds floated across the sky and occasionally veiled the sun, but toward evening the sky cleared again and the sun set in reddish-brown mist. Heavy night dews alone refreshed the earth. The unreaped corn was scorched and shed its grain. The marshes dried up. The cattle lowed from hunger, finding no food on the sun-parched meadows. Only at night and in the forests while the dew lasted was there any freshness. But on the road, the highroad along which the troops marched, there was no such freshness even at night or when the road passed through the forest; the dew was imperceptible on the sandy dust churned up more than six inches deep. As soon as day dawned the march began. The artillery and baggage wagons moved noiselessly through the deep dust that rose to the very hubs of the wheels, and the infantry sank ankle-deep in that soft, choking, hot dust that never cooled even at night. Some of this dust was kneaded by the feet and wheels, while the rest rose and hung like a cloud over the troops, settling in eyes, ears, hair, and nostrils, and worst of all in the lungs of the men and beasts as they moved along that road. The higher the sun rose the higher rose that cloud of dust, and through the screen of its hot fine particles one could look with naked

eye at the sun, which showed like a huge crimson ball in the unclouded sky. There was no wind, and the men choked in that motionless atmosphere. They marched with handkerchiefs tied over their noses and mouths. When they passed through a village they all rushed to the wells and fought for the water and drank it down to the mud.

Prince Andrew was in command of a regiment, and the management of that regiment, the welfare of the men and the necessity of receiving and giving orders, engrossed him. The burning of Smolensk and its abandonment made an epoch in his life. A novel feeling of anger against the foe made him forget his own sorrow. He was entirely devoted to the affairs of his regiment and was considerate and kind to his men and officers. In the regiment they called him "our prince," were proud of him and loved him. But he was kind and gentle only to those of his regiment, to Timokhin and the like--people quite new to him, belonging to a different world and who could not know and understand his past. As soon as he came across a former acquaintance or anyone from the staff, he bristled up immediately and grew spiteful, ironical, and contemptuous. Everything that reminded him of his past was repugnant to him, and so in his relations with that former circle he confined himself to trying to do his duty and not to be unfair.

In truth everything presented itself in a dark and gloomy light to Prince Andrew, especially after the abandonment of Smolensk on the sixth of August (he considered that it could and should have been defended) and after his sick father had had to flee to Moscow, abandoning to pillage his dearly beloved Bald Hills which he had built and peopled. But despite this, thanks to his regiment, Prince Andrew had something to think about entirely apart from general questions. Two days previously he had received news that his father, son, and sister had left for Moscow; and though there was nothing for him to do at Bald Hills, Prince Andrew with a characteristic desire to foment his own grief decided that he must ride there.

He ordered his horse to be saddled and, leaving his regiment on the march, rode to his father's estate where he had been born and spent his childhood. Riding past the pond where there used always to be dozens of women chattering as they rinsed their linen or beat it with wooden beetles, Prince Andrew noticed that there was not a soul about and that the little washing wharf, torn from its place and half submerged, was floating on its side in the middle of the pond. He rode to the keeper's lodge. No one at the stone entrance gates of the drive and the door stood open. Grass had already begun to grow on the garden paths, and horses and calves were straying in the English park. Prince Andrew rode up to the hothouse; some of the glass panes were broken, and of the trees in tubs some were overturned and others dried up. He called for Taras the gardener, but no one replied.

Having gone round the corner of the hothouse to the ornamental garden, he saw that the carved garden fence was broken and branches of the plum trees had been torn off with the fruit. An old peasant whom Prince Andrew in his childhood had often seen at the gate was sitting on a green garden seat, plaiting a bast shoe.

He was deaf and did not hear Prince Andrew ride up. He was sitting on the seat the old prince used to like to sit on, and beside him strips of bast were hanging on the broken and withered branch of a magnolia.

Prince Andrew rode up to the house. Several limes in the old garden had been cut down and a piebald mare and her foal were wandering in front of the house among the rosebushes. The shutters were all closed, except at one window which was open. A little serf boy, seeing Prince Andrew, ran into the house. Alpatych, having sent his family away, was alone at Bald Hills and was sitting indoors reading the Lives of the Saints. On hearing that Prince Andrew had come, he went out with his spectacles on his nose, buttoning his coat, and, hastily stepping up, without a word began weeping and kissing Prince Andrew's knee.

Then, vexed at his own weakness, he turned away and began to report on the position of affairs. Everything precious and valuable had been removed to Bogucharovo. Seventy quarters of grain had also been carted away. The hay and the spring corn, of which Alpatych said there had been a remarkable crop that year, had been commandeered by the troops and mown down while still green. The peasants were ruined; some of them too had gone to Bogucharovo, only a few remained.

Without waiting to hear him out, Prince Andrew asked:

"When did my father and sister leave?" meaning when did they leave for Moscow.

Alpatych, understanding the question to refer to their departure for Bogucharovo, replied that they had left on the seventh and again went into details concerning the estate management, asking for instructions.

"Am I to let the troops have the oats, and to take a receipt for them? We have still six hundred quarters left," he inquired.

"What am I to say to him?" thought Prince Andrew, looking down on the old man's bald head shining in the sun and seeing by the expression on his face that the old man himself understood how untimely such questions were and only asked them to allay his grief.

"Yes, let them have it," replied Prince Andrew.

"If you noticed some disorder in the garden," said Alpatych, "it was impossible to prevent it. Three regiments have been here and spent the night, dragoons mostly. I took down the name and rank of their commanding officer, to hand in a complaint about it."

"Well, and what are you going to do? Will you stay here if the enemy occupies the place?" asked Prince Andrew.

Alpatych turned his face to Prince Andrew, looked at him, and suddenly with a solemn gesture raised his arm.

"He is my refuge! His will be done!" he exclaimed.

A group of bareheaded peasants was approaching across the meadow toward the prince.

"Well, good-by!" said Prince Andrew, bending over to Alpatych. "You must go away too, take away what you can and tell the serfs to go to the Ryazan estate or to the one near Moscow."

Alpatych clung to Prince Andrew's leg and burst into sobs. Gently disengaging himself, the prince spurred his horse and rode down the avenue at a gallop.

The old man was still sitting in the ornamental garden, like a fly impassive on the face of a loved one who is dead, tapping the last on which he was making the bast shoe, and two little girls, running out from the hot house carrying in their skirts plums they had plucked from the trees there, came upon Prince Andrew. On seeing the young master, the elder one frightened look clutched her younger companion by the hand and hid with her behind a birch tree, not stopping to pick up some green plums they had dropped.

Prince Andrew turned away with startled haste, unwilling to let them see that they had been observed. He was sorry for the pretty frightened little girl, was afraid of looking at her, and yet felt an irresistible desire to do so. A new sensation of comfort and relief came over him when, seeing these girls, he realized the existence of other human interests entirely aloof from his own and just as legitimate as those that occupied him. Evidently these girls passionately desired one thing--to carry away and eat those green plums without being caught--and Prince Andrew shared their wish for the success of their enterprise. He could not resist looking at them once more. Believing their danger past, they sprang from their ambush and, chirruping something in their shrill little voices and holding up their skirts, their bare little sunburned feet scampered

merrily and quickly across the meadow grass.

Prince Andrew was somewhat refreshed by having ridden off the dusty highroad along which the troops were moving. But not far from Bald Hills he again came out on the road and overtook his regiment at its halting place by the dam of a small pond. It was past one o'clock. The sun, a red ball through the dust, burned and scorched his back intolerably through his black coat. The dust always hung motionless above the buzz of talk that came from the resting troops. There was no wind. As he crossed the dam Prince Andrew smelled the ooze and freshness of the pond. He longed to get into that water, however dirty it might be, and he glanced round at the pool from whence came sounds of shrieks and laughter. The small, muddy, green pond had risen visibly more than a foot, flooding the dam, because it was full of the naked white bodies of soldiers with brick-red hands, necks, and faces, who were splashing about in it. All this naked white human flesh, laughing and shrieking, floundered about in that dirty pool like carp stuffed into a watering can, and the suggestion of merriment in that floundering mass rendered it specially pathetic.

One fair-haired young soldier of the third company, whom Prince Andrew knew and who had a strap round the calf of one leg, crossed himself, stepped back to get a good run, and plunged into the water; another, a dark noncommissioned officer who was always shaggy, stood up to his waist in the water joyfully wriggling his muscular figure and snorted with satisfaction as he poured the water over his head with hands blackened to the wrists. There were sounds of men slapping one another, yelling, and puffing.

Everywhere on the bank, on the dam, and in the pond, there was healthy, white, muscular flesh. The officer, Timokhin, with his red little nose, standing on the dam wiping himself with a towel, felt confused at seeing the prince, but made up his mind to address him nevertheless.

"It's very nice, your excellency! Wouldn't you like to?" said he.

"It's dirty," replied Prince Andrew, making a grimace.

"We'll clear it out for you in a minute," said Timokhin, and, still undressed, ran off to clear the men out of the pond.

"The prince wants to bathe."

"What prince? Ours?" said many voices, and the men were in such haste to clear out that the prince could hardly stop them. He decided that he would rather wash himself with water in the barn.

"Flesh, bodies, cannon fodder!" he thought, and he looked at his own naked body and shuddered, not from cold but from a sense of disgust and horror he did not himself understand, aroused by the sight of that immense number of bodies splashing about in the dirty pond.

On the seventh of August Prince Bagration wrote as follows from his quarters at Mikhaylovna on the Smolensk road:

Dear Count Alexis Andreevich--(He was writing to Arakcheev but knew that his letter would be read by the Emperor, and therefore weighed every word in it to the best of his ability.)

I expect the Minister [Barclay de Tolly] has already reported the abandonment of Smolensk to the enemy. It is pitiable and sad, and the whole army is in despair that this most important place has been wantonly abandoned. I, for my part, begged him personally most urgently and finally wrote him, but nothing would induce him to consent. I swear to you on my honor that Napoleon was in such a fix as never before and might have lost half his army but could not have taken Smolensk. Our troops fought, and are fighting, as never before. With fifteen thousand men I held the enemy at bay for thirty-five hours and beat him; but he would not hold out even for fourteen hours. It is disgraceful, a stain on our army, and as for him, he ought, it seems to me, not to live. If he reports that our losses were great, it is not true; perhaps about four thousand, not more, and not even that; but even were they ten thousand, that's war! But the enemy has lost masses...

What would it have cost him to hold out for another two days? They would have had to retire of their own accord, for they had no water for men or horses. He gave me his word he would not retreat, but suddenly sent instructions that he was retiring that night. We cannot fight in this way, or we may soon bring the enemy to Moscow...

There is a rumor that you are thinking of peace. God forbid that you should make peace after all our sacrifices and such insane retreats! You would set all Russia against you and every one of us would feel ashamed to wear the uniform. If it has come to this--we must fight as long as Russia can and as long as there are men able to stand...

One man ought to be in command, and not two. Your Minister may perhaps be good as a Minister, but as a general he is not merely bad but execrable, yet to him is entrusted the fate of our whole country.... I am really frantic with vexation; forgive my writing boldly. It is clear that the man who advocates the conclusion of a

peace, and that the Minister should command the army, does not love our sovereign and desires the ruin of us all. So I write you frankly: call out the militia. For the Minister is leading these visitors after him to Moscow in a most masterly way. The whole army feels great suspicion of the Imperial aide-de-camp Wolzogen. He is said to be more Napoleon's man than ours, and he is always advising the Minister. I am not merely civil to him but obey him like a corporal, though I am his senior. This is painful, but, loving my benefactor and sovereign, I submit. Only I am sorry for the Emperor that he entrusts our fine army to such as he. Consider that on our retreat we have lost by fatigue and left in the hospital more than fifteen thousand men, and had we attacked this would not have happened. Tell me, for God's sake, what will Russia, our mother Russia, say to our being so frightened, and why are we abandoning our good and gallant Fatherland to such rabble and implanting feelings of hatred and shame in all our subjects? What are we scared at and of whom are we afraid? I am not to blame that the Minister is vacillating, a coward, dense, dilatory, and has all bad qualities. The whole army bewails it and calls down curses upon him...

CHAPTER VI

Among the innumerable categories applicable to the phenomena of human life one may discriminate between those in which substance prevails and those in which form prevails. To the latter--as distinguished from village, country, provincial, or even Moscow life--we may allot Petersburg life, and especially the life of its salons. That life of the salons is unchanging. Since the year 1805 we had made peace and had again quarreled with Bonaparte and had made constitutions and unmade them again, but the salons of Anna Pavlovna Helene remained just as they had been--the one seven and the other five years before. At Anna Pavlovna's they talked with perplexity of Bonaparte's successes just as before and saw in them and in the subservience shown to him by the European sovereigns a malicious conspiracy, the sole object of which was to cause unpleasantness and anxiety to the court circle of which Anna Pavlovna was the representative. And in Helene's salon, which Romyantsev himself honored with his visits, regarding Helene as a remarkably intelligent woman, they talked with the same ecstasy in 1812 as in 1808 of the "great nation" and the "great man," and regretted our rupture with France, a rupture which, according to them, ought to be promptly terminated by peace.

Of late, since the Emperor's return from the army, there had been some excitement in these conflicting salon circles and some demonstrations of hostility to one another, but each camp retained its own tendency. In Anna Pavlovna's circle only those Frenchmen were admitted who were deep-rooted legitimists, and patriotic views were expressed to the effect that one ought not to go to the French theater and that to maintain the French troupe was costing the government as much as a whole army corps. The progress of the war was eagerly followed, and only the reports most flattering to our army were circulated. In the French circle of Helene and Rummyantsev the reports of the cruelty of the enemy and of the war were contradicted and all Napoleon's attempts at conciliation were discussed. In that circle they discountenanced those who advised hurried preparations for a removal to Kazan of the court and the girls' educational establishments under the patronage of the Dowager Empress. In Helene's circle the war in general was regarded as a series of formal demonstrations which would very soon end in peace, and the view prevailed expressed by Bilibin--who now in Petersburg was quite at home in Helene's house, which every clever man was obliged to visit--that not by gunpowder but by those who invented it would matters be settled. In that circle the Moscow enthusiasm--news of which had reached Petersburg simultaneously with the Emperor's return--was ridiculed sarcastically and very cleverly, though with much caution.

Anna Pavlovna's circle on the contrary was enraptured by this enthusiasm and spoke of it as Plutarch speaks of the deeds of the ancients. Prince Vasili, who still occupied his former important posts, formed a connecting link between these two circles. He visited his "good friend Anna Pavlovna" as well as his daughter's "diplomatic salon," and often in his constant comings and goings between the two camps became confused and said at Helene's what he should have said at Anna Pavlovna's and vice versa.

Soon after the Emperor's return Prince Vasili in a conversation about the war at Anna Pavlovna's severely condemned Barclay de Tolly, but was undecided as to who ought to be appointed commander in chief. One of the visitors, usually spoken of as "a man of great merit," having described how he had that day seen Kutuzov, the newly chosen chief of the Petersburg militia, presiding over the enrollment of recruits at the Treasury, cautiously ventured to suggest that Kutuzov would be the man to satisfy all requirements.

Anna Pavlovna remarked with a melancholy smile that Kutuzov had done nothing but cause the Emperor annoyance.

"I have talked and talked at the Assembly of the Nobility," Prince Vasili interrupted, "but they did not listen to me. I told them his election as chief of the militia would not please the Emperor. They

did not listen to me.

"It's all this mania for opposition," he went on. "And who for? It is all because we want to ape the foolish enthusiasm of those Muscovites," Prince Vasili continued, forgetting for a moment that though at Helene's one had to ridicule the Moscow enthusiasm, at Anna Pavlovna's one had to be ecstatic about it. But he retrieved his mistake at once. "Now, is it suitable that Count Kutuzov, the oldest general in Russia, should preside at that tribunal? He will get nothing for his pains! How could they make a man commander in chief who cannot mount a horse, who drops asleep at a council, and has the very worst morals! A good reputation he made for himself at Bucharest! I don't speak of his capacity as a general, but at a time like this how they appoint a decrepit, blind old man, positively blind? A fine idea to have a blind general! He can't see anything. To play blindman's bluff? He can't see at all!"

No one replied to his remarks.

This was quite correct on the twenty-fourth of July. But on the twenty-ninth of July Kutuzov received the title of Prince. This might indicate a wish to get rid of him, and therefore Prince Vasili's opinion continued to be correct though he was not now in any hurry to express it. But on the eighth of August a committee, consisting of Field Marshal Saltykov, Arakcheev, Vyazmitinov, Lopukhin, and Kochubey met to consider the progress of the war. This committee came to the conclusion that our failures were due to a want of unity in the command and though the members of the committee were aware of the Emperor's dislike of Kutuzov, after a short deliberation they agreed to advise his appointment as commander in chief. That same day Kutuzov was appointed commander in chief with full powers over the armies and over the whole region occupied by them.

On the ninth of August Prince Vasili at Anna Pavlovna's again met the "man of great merit." The latter was very attentive to Anna Pavlovna because he wanted to be appointed director of one of the educational establishments for young ladies. Prince Vasili entered the room with the air of a happy conqueror who has attained the object of his desires.

"Well, have you heard the great news? Prince Kutuzov is field marshal! All dissensions are at an end! I am so glad, so delighted! At last we have a man!" said he, glancing sternly and significantly round at everyone in the drawing room.

The "man of great merit," despite his desire to obtain the post of director, could not refrain from reminding Prince Vasili of his former opinion. Though this was impolite to Prince Vasili in Anna

Pavlovna's drawing room, and also to Anna Pavlovna herself who had received the news with delight, he could not resist the temptation.

"But, Prince, they say he is blind!" said he, reminding Prince Vasili of his own words.

"Eh? Nonsense! He sees well enough," said Prince Vasili rapidly, in a deep voice and with a slight cough--the voice and cough with which he was wont to dispose of all difficulties.

"He sees well enough," he added. "And what I am so pleased about," he went on, "is that our sovereign has given him full powers over all the armies and the whole region--powers no commander in chief ever had before. He is a second autocrat," he concluded with a victorious smile.

"God grant it! God grant it!" said Anna Pavlovna.

The "man of great merit," who was still a novice in court circles, wishing to flatter Anna Pavlovna by defending her former position on this question, observed:

"It is said that the Emperor was reluctant to give Kutuzov those powers. They say he blushed like a girl to whom Joconde is read, when he said to Kutuzov: 'Your Emperor and the Fatherland award you this honor.'"

"Perhaps the heart took no part in that speech," said Anna Pavlovna.

"Oh, no, no!" warmly rejoined Prince Vasili, who would not now yield Kutuzov to anyone; in his opinion Kutuzov was not only admirable himself, but was adored by everybody. "No, that's impossible," said he, "for our sovereign appreciated him so highly before."

"God grant only that Prince Kutuzov assumes real power and does not allow anyone to put a spoke in his wheel," observed Anna Pavlovna.

Understanding at once to whom she alluded, Prince Vasili said in a whisper:

"I know for a fact that Kutuzov made it an absolute condition that the Tsarevich should not be with the army. Do you know what he said to the Emperor?"

And Prince Vasili repeated the words supposed to have been spoken by Kutuzov to the Emperor. "I can neither punish him if he does wrong nor reward him if he does right."

"Oh, a very wise man is Prince Kutuzov! I have known him a long time!"

"They even say," remarked the "man of great merit" who did not yet possess courtly tact, "that his excellency made it an express condition that the sovereign himself should not be with the army."

As soon as he said this both Prince Vasili and Anna Pavlovna turned away from him and glanced sadly at one another with a sigh at his naivete.

CHAPTER VII

While this was taking place in Petersburg the French had already passed Smolensk and were drawing nearer and nearer to Moscow. Napoleon's historian Thiers, like other of his historians, trying to justify his hero says that he was drawn to the walls of Moscow against his will. He is as right as other historians who look for the explanation of historic events in the will of one man; he is as right as the Russian historians who maintain that Napoleon was drawn to Moscow by the skill of the Russian commanders. Here besides the law of retrospection, which regards all the past as a preparation for events that subsequently occur, the law of reciprocity comes in, confusing the whole matter. A good chessplayer having lost a game is sincerely convinced that his loss resulted from a mistake he made and looks for that mistake in the opening, but forgets that at each stage of the game there were similar mistakes and that none of his moves were perfect. He only notices the mistake to which he pays attention, because his opponent took advantage of it. How much more complex than this is the game of war, which occurs under certain limits of time, and where it is not one will that manipulates lifeless objects, but everything results from innumerable conflicts of various wills!

After Smolensk Napoleon sought a battle beyond Dorogobuzh at Vyazma, and then at Tsarevo-Zaymishche, but it happened that owing to a conjunction of innumerable circumstances the Russians could not give battle till they reached Borodino, seventy miles from Moscow. From Vyazma Napoleon ordered a direct advance on Moscow.

Moscou, la capitale asiatique de ce grand empire, la ville sacree des peuples d'Alexandre, Moscou avec ses innombrables eglises en forme de pagodes chinoises,* this Moscow gave Napoleon's imagination no

rest. On the march from Vyazma to Tsarevo-Zaymishche he rode his light bay bobtailed ambler accompanied by his Guards, his bodyguard, his pages, and aides-de-camp. Berthier, his chief of staff, dropped behind to question a Russian prisoner captured by the cavalry. Followed by Lelorgne d'Ideville, an interpreter, he overtook Napoleon at a gallop and reined in his horse with an amused expression.

*"Moscow, the Asiatic capital of this great empire, the sacred city of Alexander's people, Moscow with its innumerable churches shaped like Chinese pagodas."

"Well?" asked Napoleon.

"One of Platov's Cossacks says that Platov's corps is joining up with the main army and that Kutuzov has been appointed commander in chief. He is a very shrewd and garrulous fellow."

Napoleon smiled and told them to give the Cossack a horse and bring the man to him. He wished to talk to him himself. Several adjutants galloped off, and an hour later, Lavrushka, the serf Denisov had handed over to Rostov, rode up to Napoleon in an orderly's jacket and on a French cavalry saddle, with a merry, and tipsy face. Napoleon told him to ride by his side and began questioning him.

"You are a Cossack?"

"Yes, a Cossack, your Honor."

"The Cossack, not knowing in what company he was, for Napoleon's plain appearance had nothing about it that would reveal to an Oriental mind the presence of a monarch, talked with extreme familiarity of the incidents of the war," says Thiers, narrating this episode. In reality Lavrushka, having got drunk the day before and left his master dinnerless, had been whipped and sent to the village in quest of chickens, where he engaged in looting till the French took him prisoner. Lavrushka was one of those coarse, bare-faced lackeys who have seen all sorts of things, consider it necessary to do everything in a mean and cunning way, are ready to render any sort of service to their master, and are keen at guessing their master's baser impulses, especially those prompted by vanity and pettiness.

Finding himself in the company of Napoleon, whose identity he had easily and surely recognized, Lavrushka was not in the least abashed but merely did his utmost to gain his new master's favor.

He knew very well that this was Napoleon, but Napoleon's presence

could no more intimidate him than Rostov's, or a sergeant major's with the rods, would have done, for he had nothing that either the sergeant major or Napoleon could deprive him of.

So he rattled on, telling all the gossip he had heard among the orderlies. Much of it true. But when Napoleon asked him whether the Russians thought they would beat Bonaparte or not, Lavrushka screwed up his eyes and considered.

In this question he saw subtle cunning, as men of his type see cunning in everything, so he frowned and did not answer immediately.

"It's like this," he said thoughtfully, "if there's a battle soon, yours will win. That's right. But if three days pass, then after that, well, then that same battle will not soon be over."

Lelorgne d'Ideville smilingly interpreted this speech to Napoleon thus: "If a battle takes place within the next three days the French will win, but if later, God knows what will happen." Napoleon did not smile, though he was evidently in high good humor, and he ordered these words to be repeated.

Lavrushka noticed this and to entertain him further, pretending not to know who Napoleon was, added:

"We know that you have Bonaparte and that he has beaten everybody in the world, but we are a different matter..."--without knowing why or how this bit of boastful patriotism slipped out at the end.

The interpreter translated these words without the last phrase, and Bonaparte smiled. "The young Cossack made his mighty interlocutor smile," says Thiers. After riding a few paces in silence, Napoleon turned to Berthier and said he wished to see how the news that he was talking to the Emperor himself, to that very Emperor who had written his immortally victorious name on the Pyramids, would affect this enfant du Don.*

*"Child of the Don."

The fact was accordingly conveyed to Lavrushka.

Lavrushka, understanding that this was done to perplex him and that Napoleon expected him to be frightened, to gratify his new masters promptly pretended to be astonished and awe-struck, opened his eyes wide, and assumed the expression he usually put on when taken to be whipped. "As soon as Napoleon's interpreter had spoken," says

Thiers, "the Cossack, seized by amazement, did not utter another word, but rode on, his eyes fixed on the conqueror whose fame had reached him across the steppes of the East. All his loquacity was suddenly arrested and replaced by a naive and silent feeling of admiration. Napoleon, after making the Cossack a present, had him set free like a bird restored to its native fields."

Napoleon rode on, dreaming of the Moscow that so appealed to his imagination, and "the bird restored to its native fields" galloped to our outposts, inventing on the way all that had not taken place but that he meant to relate to his comrades. What had really taken place he did not wish to relate because it seemed to him not worth telling. He found the Cossacks, inquired for the regiment operating with Platov's detachment and by evening found his master, Nicholas Rostov, quartered at Yankovo. Rostov was just mounting to go for a ride round the neighboring villages with Ilyin; he let Lavrushka have another horse and took him along with him.

CHAPTER VIII

Princess Mary was not in Moscow and out of danger as Prince Andrew supposed.

After the return of Alpatych from Smolensk the old prince suddenly seemed to awake as from a dream. He ordered the militiamen to be called up from the villages and armed, and wrote a letter to the commander in chief informing him that he had resolved to remain at Bald Hills to the last extremity and to defend it, leaving to the commander in chief's discretion to take measures or not for the defense of Bald Hills, where one of Russia's oldest generals would be captured or killed, and he announced to his household that he would remain at Bald Hills.

But while himself remaining, he gave instructions for the departure of the princess and Dessalles with the little prince to Bogucharovo and thence to Moscow. Princess Mary, alarmed by her father's feverish and sleepless activity after his previous apathy, could not bring herself to leave him alone and for the first time in her life ventured to disobey him. She refused to go away and her father's fury broke over her in a terrible storm. He repeated every injustice he had ever inflicted on her. Trying to convict her, he told her she had worn him out, had caused his quarrel with his son, had harbored nasty suspicions of him, making it the object of her life

to poison his existence, and he drove her from his study telling her that if she did not go away it was all the same to him. He declared that he did not wish to remember her existence and warned her not to dare to let him see her. The fact that he did not, as she had feared, order her to be carried away by force but only told her not to let him see her cheered Princess Mary. She knew it was a proof that in the depth of his soul he was glad she was remaining at home and had not gone away.

The morning after little Nicholas had left, the old prince donned his full uniform and prepared to visit the commander in chief. His caleche was already at the door. Princess Mary saw him walk out of the house in his uniform wearing all his orders and go down the garden to review his armed peasants and domestic serfs. She sat by the window listening to his voice which reached her from the garden. Suddenly several men came running up the avenue with frightened faces.

Princess Mary ran out to the porch, down the flower-bordered path, and into the avenue. A large crowd of militiamen and domestics were moving toward her, and in their midst several men were supporting by the armpits and dragging along a little old man in a uniform and decorations. She ran up to him and, in the play of the sunlight that fell in small round spots through the shade of the lime-tree avenue, could not be sure what change there was in his face. All she could see was that his former stern and determined expression had altered to one of timidity and submission. On seeing his daughter he moved his helpless lips and made a hoarse sound. It was impossible to make out what he wanted. He was lifted up, carried to his study, and laid on the very couch he had so feared of late.

The doctor, who was fetched that same night, bled him and said that the prince had had a seizure paralyzing his right side.

It was becoming more and more dangerous to remain at Bald Hills, and next day they moved the prince to Bogucharovo, the doctor accompanying him.

By the time they reached Bogucharovo, Dessalles and the little prince had already left for Moscow.

For three weeks the old prince lay stricken by paralysis in the new house Prince Andrew had built at Bogucharovo, ever in the same state, getting neither better nor worse. He was unconscious and lay like a distorted corpse. He muttered unceasingly, his eyebrows and lips twitching, and it was impossible to tell whether he understood what was going on around him or not. One thing was certain--that he was suffering and wished to say something. But what it was, no one could tell: it might be some caprice of a sick and half-crazy man,

or it might relate to public affairs, or possibly to family concerns.

The doctor said this restlessness did not mean anything and was due to physical causes; but Princess Mary thought he wished to tell her something, and the fact that her presence always increased his restlessness confirmed her opinion.

He was evidently suffering both physically and mentally. There was no hope of recovery. It was impossible for him to travel, it would not do to let him die on the road. "Would it not be better if the end did come, the very end?" Princess Mary sometimes thought. Night and day, hardly sleeping at all, she watched him and, terrible to say, often watched him not with hope of finding signs of improvement but wishing to find symptoms of the approach of the end.

Strange as it was to her to acknowledge this feeling in herself, yet there it was. And what seemed still more terrible to her was that since her father's illness began (perhaps even sooner, when she stayed with him expecting something to happen), all the personal desires and hopes that had been forgotten or sleeping within her had awakened. Thoughts that had not entered her mind for years--thoughts of a life free from the fear of her father, and even the possibility of love and of family happiness--floated continually in her imagination like temptations of the devil. Thrust them aside as she would, questions continually recurred to her as to how she would order her life now, after that. These were temptations of the devil and Princess Mary knew it. She knew that the sole weapon against him was prayer, and she tried to pray. She assumed an attitude of prayer, looked at the icons, repeated the words of a prayer, but she could not pray. She felt that a different world had now taken possession of her--the life of a world of strenuous and free activity, quite opposed to the spiritual world in which till now she had been confined and in which her greatest comfort had been prayer. She could not pray, could not weep, and worldly cares took possession of her.

It was becoming dangerous to remain in Bogucharovo. News of the approach of the French came from all sides, and in one village, ten miles from Bogucharovo, a homestead had been looted by French marauders.

The doctor insisted on the necessity of moving the prince; the provincial Marshal of the Nobility sent an official to Princess Mary to persuade her to get away as quickly as possible, and the head of the rural police having come to Bogucharovo urged the same thing, saying that the French were only some twenty-five miles away, that French proclamations were circulating in the villages, and that if the princess did not take her father away before the fifteenth, he could not answer for the consequences.

The princess decided to leave on the fifteenth. The cares of preparation and giving orders, for which everyone came to her, occupied her all day. She spent the night of the fourteenth as usual, without undressing, in the room next to the one where the prince lay. Several times, waking up, she heard his groans and muttering, the creak of his bed, and the steps of Tikhon and the doctor when they turned him over. Several times she listened at the door, and it seemed to her that his mutterings were louder than usual and that they turned him over oftener. She could not sleep and several times went to the door and listened, wishing to enter but not deciding to do so. Though he did not speak, Princess Mary saw and knew how unpleasant every sign of anxiety on his account was to him. She had noticed with what dissatisfaction he turned from the look she sometimes involuntarily fixed on him. She knew that her going in during the night at an unusual hour would irritate him.

But never had she felt so grieved for him or so much afraid of losing him. She recalled all her life with him and in every word and act of his found an expression of his love of her. Occasionally amid these memories temptations of the devil would surge into her imagination: thoughts of how things would be after his death, and how her new, liberated life would be ordered. But she drove these thoughts away with disgust. Toward morning he became quiet and she fell asleep.

She woke late. That sincerity which often comes with waking showed her clearly what chiefly concerned her about her father's illness. On waking she listened to what was going on behind the door and, hearing him groan, said to herself with a sigh that things were still the same.

"But what could have happened? What did I want? I want his death!" she cried with a feeling of loathing for herself.

She washed, dressed, said her prayers, and went out to the porch. In front of it stood carriages without horses and things were being packed into the vehicles.

It was a warm, gray morning. Princess Mary stopped at the porch, still horrified by her spiritual baseness and trying to arrange her thoughts before going to her father. The doctor came downstairs and went out to her.

"He is a little better today," said he. "I was looking for you. One can make out something of what he is saying. His head is clearer. Come in, he is asking for you..."

Princess Mary's heart beat so violently at this news that she grew pale and leaned against the wall to keep from falling. To see him, talk to him, feel his eyes on her now that her whole soul was overflowing with those dreadful, wicked temptations, was a torment of joy and terror.

"Come," said the doctor.

Princess Mary entered her father's room and went up to his bed. He was lying on his back propped up high, and his small bony hands with their knotted purple veins were lying on the quilt; his left eye gazed straight before him, his right eye was awry, and his brows and lips motionless. He seemed altogether so thin, small, and pathetic. His face seemed to have shriveled or melted; his features had grown smaller. Princess Mary went up and kissed his hand. His left hand pressed hers so that she understood that he had long been waiting for her to come. He twitched her hand, and his brows and lips quivered angrily.

She looked at him in dismay trying to guess what he wanted of her. When she changed her position so that his left eye could see her face he calmed down, not taking his eyes off her for some seconds. Then his lips and tongue moved, sounds came, and he began to speak, gazing timidly and imploringly at her, evidently afraid that she might not understand.

Straining all her faculties Princess Mary looked at him. The comic efforts with which he moved his tongue made her drop her eyes and with difficulty repress the sobs that rose to her throat. He said something, repeating the same words several times. She could not understand them, but tried to guess what he was saying and inquiringly repeated the words he uttered.

"Mmm...ar...ate...ate..." he repeated several times.

It was quite impossible to understand these sounds. The doctor thought he had guessed them, and inquiringly repeated: "Mary, are you afraid?" The prince shook his head, again repeated the same sounds.

"My mind, my mind aches?" questioned Princess Mary.

He made a mumbling sound in confirmation of this, took her hand, and began pressing it to different parts of his breast as if trying to find the right place for it.

"Always thoughts... about you... thoughts..." he then uttered much more clearly than he had done before, now that he was sure of being

understood.

Princess Mary pressed her head against his hand, trying to hide her sobs and tears.

He moved his hand over her hair.

"I have been calling you all night..." he brought out.

"If only I had known..." she said through her tears. "I was afraid to come in."

He pressed her hand.

"Weren't you asleep?"

"No, I did not sleep," said Princess Mary, shaking her head.

Unconsciously imitating her father, she now tried to express herself as he did, as much as possible by signs, and her tongue too seemed to move with difficulty.

"Dear one... Dearest..." Princess Mary could not quite make out what he had said, but from his look it was clear that he had uttered a tender caressing word such as he had never used to her before. "Why didn't you come in?"

"And I was wishing for his death!" thought Princess Mary.

He was silent awhile.

"Thank you... daughter dear!... for all, for all... forgive!... thank you!... forgive!... thank you!..." and tears began to flow from his eyes. "Call Andrew!" he said suddenly, and a childish, timid expression of doubt showed itself on his face as he spoke.

He himself seemed aware that his demand was meaningless. So at least it seemed to Princess Mary.

"I have a letter from him," she replied.

He glanced at her with timid surprise.

"Where is he?"

"He's with the army, Father, at Smolensk."

He closed his eyes and remained silent a long time. Then as if in

answer to his doubts and to confirm the fact that now he understood and remembered everything, he nodded his head and reopened his eyes.

"Yes," he said, softly and distinctly. "Russia has perished. They've destroyed her."

And he began to sob, and again tears flowed from his eyes. Princess Mary could no longer restrain herself and wept while she gazed at his face.

Again he closed his eyes. His sobs ceased, he pointed to his eyes, and Tikhon, understanding him, wiped away the tears.

Then he again opened his eyes and said something none of them could understand for a long time, till at last Tikhon understood and repeated it. Princess Mary had sought the meaning of his words in the mood in which he had just been speaking. She thought he was speaking of Russia, or Prince Andrew, of herself, of his grandson, or of his own death, and so she could not guess his words.

"Put on your white dress. I like it," was what he said.

Having understood this Princess Mary sobbed still louder, and the doctor taking her arm led her out to the veranda, soothing her and trying to persuade her to prepare for her journey. When she had left the room the prince again began speaking about his son, about the war, and about the Emperor, angrily twitching his brows and raising his hoarse voice, and then he had a second and final stroke.

Princess Mary stayed on the veranda. The day had cleared, it was hot and sunny. She could understand nothing, think of nothing and feel nothing, except passionate love for her father, love such as she thought she had never felt till that moment. She ran out sobbing into the garden and as far as the pond, along the avenues of young lime trees Prince Andrew had planted.

"Yes... I... I... I wished for his death! Yes, I wanted it to end quicker.... I wished to be at peace.... And what will become of me? What use will peace be when he is no longer here?" Princess Mary murmured, pacing the garden with hurried steps and pressing her hands to her bosom which heaved with convulsive sobs.

When she had completed the tour of the garden, which brought her again to the house, she saw Mademoiselle Bourienne--who had remained at Bogucharovo and did not wish to leave it--coming toward her with a stranger. This was the Marshal of the Nobility of the district, who had come personally to point out to the princess the necessity for her prompt departure. Princess Mary listened without understanding

him; she led him to the house, offered him lunch, and sat down with him. Then, excusing herself, she went to the door of the old prince's room. The doctor came out with an agitated face and said she could not enter.

"Go away, Princess! Go away... go away!"

She returned to the garden and sat down on the grass at the foot of the slope by the pond, where no one could see her. She did not know how long she had been there when she was aroused by the sound of a woman's footsteps running along the path. She rose and saw Dunyasha her maid, who was evidently looking for her, and who stopped suddenly as if in alarm on seeing her mistress.

"Please come, Princess... The Prince," said Dunyasha in a breaking voice.

"Immediately, I'm coming, I'm coming!" replied the princess hurriedly, not giving Dunyasha time to finish what she was saying, and trying to avoid seeing the girl she ran toward the house.

"Princess, it's God's will! You must be prepared for everything," said the Marshal, meeting her at the house door.

"Let me alone; it's not true!" she cried angrily to him.

The doctor tried to stop her. She pushed him aside and ran to her father's door. "Why are these people with frightened faces stopping me? I don't want any of them! And what are they doing here?" she thought. She opened the door and the bright daylight in that previously darkened room startled her. In the room were her nurse and other women. They all drew back from the bed, making way for her. He was still lying on the bed as before, but the stern expression of his quiet face made Princess Mary stop short on the threshold.

"No, he's not dead--it's impossible!" she told herself and approached him, and repressing the terror that seized her, she pressed her lips to his cheek. But she stepped back immediately. All the force of the tenderness she had been feeling for him vanished instantly and was replaced by a feeling of horror at what lay there before her. "No, he is no more! He is not, but here where he was is something unfamiliar and hostile, some dreadful, terrifying, and repellent mystery!" And hiding her face in her hands, Princess Mary sank into the arms of the doctor, who held her up.

In the presence of Tikhon and the doctor the women washed what had been the prince, tied his head up with a handkerchief that the mouth

should not stiffen while open, and with another handkerchief tied together the legs that were already spreading apart. Then they dressed him in uniform with his decorations and placed his shriveled little body on a table. Heaven only knows who arranged all this and when, but it all got done as if of its own accord. Toward night candles were burning round his coffin, a pall was spread over it, the floor was strewn with sprays of juniper, a printed band was tucked in under his shriveled head, and in a corner of the room sat a chanter reading the psalms.

Just as horses shy and snort and gather about a dead horse, so the inmates of the house and strangers crowded into the drawing room round the coffin--the Marshal, the village Elder, peasant women--and all with fixed and frightened eyes, crossing themselves, bowed and kissed the old prince's cold and stiffened hand.

CHAPTER IX

Until Prince Andrew settled in Bogucharovo its owners had always been absentees, and its peasants were of quite a different character from those of Bald Hills. They differed from them in speech, dress, and disposition. They were called steppe peasants. The old prince used to approve of them for their endurance at work when they came to Bald Hills to help with the harvest or to dig ponds, and ditches, but he disliked them for their boorishness.

Prince Andrew's last stay at Bogucharovo, when he introduced hospitals and schools and reduced the quitrent the peasants had to pay, had not softened their disposition but had on the contrary strengthened in them the traits of character the old prince called boorishness. Various obscure rumors were always current among them: at one time a rumor that they would all be enrolled as Cossacks; at another of a new religion to which they were all to be converted; then of some proclamation of the Tsar's and of an oath to the Tsar Paul in 1797 (in connection with which it was rumored that freedom had been granted them but the landowners had stopped it), then of Peter Fedorovich's return to the throne in seven years' time, when everything would be made free and so "simple" that there would be no restrictions. Rumors of the war with Bonaparte and his invasion were connected in their minds with the same sort of vague notions of Antichrist, the end of the world, and "pure freedom."

In the vicinity of Bogucharovo were large villages belonging to

the crown or to owners whose serfs paid quitrent and could work where they pleased. There were very few resident landlords in the neighborhood and also very few domestic or literate serfs, and in the lives of the peasantry of those parts the mysterious undercurrents in the life of the Russian people, the causes and meaning of which are so baffling to contemporaries, were more clearly and strongly noticeable than among others. One instance, which had occurred some twenty years before, was a movement among the peasants to emigrate to some unknown "warm rivers." Hundreds of peasants, among them the Bogucharovo folk, suddenly began selling their cattle and moving in whole families toward the southeast. As birds migrate to somewhere beyond the sea, so these men with their wives and children streamed to the southeast, to parts where none of them had ever been. They set off in caravans, bought their freedom one by one or ran away, and drove or walked toward the "warm rivers." Many of them were punished, some sent to Siberia, many died of cold and hunger on the road, many returned of their own accord, and the movement died down of itself just as it had sprung up, without apparent reason. But such undercurrents still existed among the people and gathered new forces ready to manifest themselves just as strangely, unexpectedly, and at the same time simply, naturally, and forcibly. Now in 1812, to anyone living in close touch with these people it was apparent that these undercurrents were acting strongly and nearing an eruption.

Alpatych, who had reached Bogucharovo shortly before the old prince's death, noticed an agitation among the peasants, and that contrary to what was happening in the Bald Hills district, where over a radius of forty miles all the peasants were moving away and leaving their villages to be devastated by the Cossacks, the peasants in the steppe region round Bogucharovo were, it was rumored, in touch with the French, received leaflets from them that passed from hand to hand, and did not migrate. He learned from domestic serfs loyal to him that the peasant Karp, who possessed great influence in the village commune and had recently been away driving a government transport, had returned with news that the Cossacks were destroying deserted villages, but that the French did not harm them. Alpatych also knew that on the previous day another peasant had even brought from the village of Visloukhovo, which was occupied by the French, a proclamation by a French general that no harm would be done to the inhabitants, and if they remained they would be paid for anything taken from them. As proof of this the peasant had brought from Visloukhovo a hundred rubles in notes (he did not know that they were false) paid to him in advance for hay.

More important still, Alpatych learned that on the morning of the very day he gave the village Elder orders to collect carts to move the princess' luggage from Bogucharovo, there had been a village meeting at which it had been decided not to move but to wait. Yet there was no

time to waste. On the fifteenth, the day of the old prince's death, the Marshal had insisted on Princess Mary's leaving at once, as it was becoming dangerous. He had told her that after the sixteenth he could not be responsible for what might happen. On the evening of the day the old prince died the Marshal went away, promising to return next day for the funeral. But this he was unable to do, for he received tidings that the French had unexpectedly advanced, and had barely time to remove his own family and valuables from his estate.

For some thirty years Bogucharovo had been managed by the village Elder, Dron, whom the old prince called by the diminutive "Dronushka."

Dron was one of those physically and mentally vigorous peasants who grow big beards as soon as they are of age and go on unchanged till they are sixty or seventy, without a gray hair or the loss of a tooth, as straight and strong at sixty as at thirty.

Soon after the migration to the "warm rivers," in which he had taken part like the rest, Dron was made village Elder and overseer of Bogucharovo, and had since filled that post irreproachably for twenty-three years. The peasants feared him more than they did their master. The masters, both the old prince and the young, and the steward respected him and jestingly called him "the Minister." During the whole time of his service Dron had never been drunk or ill, never after sleepless nights or the hardest tasks had he shown the least fatigue, and though he could not read he had never forgotten a single money account or the number of quarters of flour in any of the endless cartloads he sold for the prince, nor a single shock of the whole corn crop on any single acre of the Bogucharovo fields.

Alpatych, arriving from the devastated Bald Hills estate, sent for his Dron on the day of the prince's funeral and told him to have twelve horses got ready for the princess' carriages and eighteen carts for the things to be removed from Bogucharovo. Though the peasants paid quitrent, Alpatych thought no difficulty would be made about complying with this order, for there were two hundred and thirty households at work in Bogucharovo and the peasants were well to do. But on hearing the order Dron lowered his eyes and remained silent. Alpatych named certain peasants he knew, from whom he told him to take the carts.

Dron replied that the horses of these peasants were away carting. Alpatych named others, but they too, according to Dron, had no horses available: some horses were carting for the government, others were too weak, and others had died for want of fodder. It seemed that no horses could be had even for the carriages, much less for the carting.

Alpatych looked intently at Dron and frowned. Just as Dron was a model village Elder, so Alpatych had not managed the prince's estates for twenty years in vain. He a model steward, possessing in the highest degree the faculty of divining the needs and instincts of those he dealt with. Having glanced at Dron he at once understood that his answers did not express his personal views but the general mood of the Bogucharovo commune, by which the Elder had already been carried away. But he also knew that Dron, who had acquired property and was hated by the commune, must be hesitating between the two camps: the masters' and the serfs'. He noticed this hesitation in Dron's look and therefore frowned and moved closer up to him.

"Now just listen, Dronushka," said he. "Don't talk nonsense to me. His excellency Prince Andrew himself gave me orders to move all the people away and not leave them with the enemy, and there is an order from the Tsar about it too. Anyone who stays is a traitor to the Tsar. Do you hear?"

"I hear," Dron answered without lifting his eyes.

Alpatych was not satisfied with this reply.

"Eh, Dron, it will turn out badly!" he said, shaking his head.

"The power is in your hands," Dron rejoined sadly.

"Eh, Dron, drop it!" Alpatych repeated, withdrawing his hand from his bosom and solemnly pointing to the floor at Dron's feet. "I can see through you and three yards into the ground under you," he continued, gazing at the floor in front of Dron.

Dron was disconcerted, glanced furtively at Alpatych and again lowered his eyes.

"You drop this nonsense and tell the people to get ready to leave their homes and go to Moscow and to get carts ready for tomorrow morning for the princess' things. And don't go to any meeting yourself, do you hear?"

Dron suddenly fell on his knees.

"Yakov Alpatych, discharge me! Take the keys from me and discharge me, for Christ's sake!"

"Stop that!" cried Alpatych sternly. "I see through you and three yards under you," he repeated, knowing that his skill in beekeeping, his knowledge of the right time to sow the oats, and the fact that he had been able to retain the old prince's favor for twenty years had

long since gained him the reputation of being a wizard, and that the power of seeing three yards under a man is considered an attribute of wizards.

Dron got up and was about to say something, but Alpatych interrupted him.

"What is it you have got into your heads, eh?... What are you thinking of, eh?"

"What am I to do with the people?" said Dron. "They're quite beside themselves; I have already told them..."

"Told them, I dare say!" said Alpatych. "Are they drinking?" he asked abruptly.

"Quite beside themselves, Yakov Alpatych; they've fetched another barrel."

"Well, then, listen! I'll go to the police officer, and you tell them so, and that they must stop this and the carts must be got ready."

"I understand."

Alpatych did not insist further. He had managed people for a long time and knew that the chief way to make them obey is to show no suspicion that they can possibly disobey. Having wrung a submissive "I understand" from Dron, Alpatych contented himself with that, though he not only doubted but felt almost certain that without the help of troops the carts would not be forthcoming.

And so it was, for when evening came no carts had been provided. In the village, outside the drink shop, another meeting was being held, which decided that the horses should be driven out into the woods and the carts should not be provided. Without saying anything of this to the princess, Alpatych had his own belongings taken out of the carts which had arrived from Bald Hills and had those horses got ready for the princess' carriages. Meanwhile he went himself to the police authorities.

CHAPTER X

After her father's funeral Princess Mary shut herself up in her room and did not admit anyone. A maid came to the door to say that Alpatych was asking for orders about their departure. (This was before his talk with Dron.) Princess Mary raised herself on the sofa on which she had been lying and replied through the closed door that she did not mean to go away and begged to be left in peace.

The windows of the room in which she was lying looked westward. She lay on the sofa with her face to the wall, fingering the buttons of the leather cushion and seeing nothing but that cushion, and her confused thoughts were centered on one subject--the irrevocability of death and her own spiritual baseness, which she had not suspected, but which had shown itself during her father's illness. She wished to pray but did not dare to, dared not in her present state of mind address herself to God. She lay for a long time in that position.

The sun had reached the other side of the house, and its slanting rays shone into the open window, lighting up the room and part of the morocco cushion at which Princess Mary was looking. The flow of her thoughts suddenly stopped. Unconsciously she sat up, smoothed her hair, got up, and went to the window, involuntarily inhaling the freshness of the clear but windy evening.

"Yes, you can well enjoy the evening now! He is gone and no one will hinder you," she said to herself, and sinking into a chair she let her head fall on the window sill.

Someone spoke her name in a soft and tender voice from the garden and kissed her head. She looked up. It was Mademoiselle Bourienne in a black dress and weepers. She softly approached Princess Mary, sighed, kissed her, and immediately began to cry. The princess looked up at her. All their former disharmony and her own jealousy recurred to her mind. But she remembered too how he had changed of late toward Mademoiselle Bourienne and could not bear to see her, thereby showing how unjust were the reproaches Princess Mary had mentally addressed to her. "Besides, is it for me, for me who desired his death, to condemn anyone?" she thought.

Princess Mary vividly pictured to herself the position of Mademoiselle Bourienne, whom she had of late kept at a distance, but who yet was dependent on her and living in her house. She felt sorry for her and held out her hand with a glance of gentle inquiry. Mademoiselle Bourienne at once began crying again and kissed that hand, speaking of the princess' sorrow and making herself a partner in it. She said her only consolation was the fact that the princess allowed her to share her sorrow, that all the old misunderstandings should sink into nothing but this great grief; that she felt herself

blameless in regard to everyone, and that he, from above, saw her affection and gratitude. The princess heard her, not heeding her words but occasionally looking up at her and listening to the sound of her voice.

"Your position is doubly terrible, dear princess," said Mademoiselle Bourienne after a pause. "I understand that you could not, and cannot, think of yourself, but with my love for you I must do so.... Has Alpatych been to you? Has he spoken to you of going away?" she asked.

Princess Mary did not answer. She did not understand who was to go or where to. "Is it possible to plan or think of anything now? Is it not all the same?" she thought, and did not reply.

"You know, chere Marie," said Mademoiselle Bourienne, "that we are in danger--are surrounded by the French. It would be dangerous to move now. If we go we are almost sure to be taken prisoners, and God knows..."

Princess Mary looked at her companion without understanding what she was talking about.

"Oh, if anyone knew how little anything matters to me now," she said. "Of course I would on no account wish to go away from him.... Alpatych did say something about going.... Speak to him; I can do nothing, nothing, and don't want to...."

"I've spoken to him. He hopes we should be in time to get away tomorrow, but I think it would now be better to stay here," said Mademoiselle Bourienne. "Because, you will agree, chere Marie, to fall into the hands of the soldiers or of riotous peasants would be terrible."

Mademoiselle Bourienne took from her reticule a proclamation (not printed on ordinary Russian paper) of General Rameau's, telling people not to leave their homes and that the French authorities would afford them proper protection. She handed this to the princess.

"I think it would be best to appeal to that general," she continued, "and am sure that all due respect would be shown you."

Princess Mary read the paper, and her face began to quiver with stifled sobs.

"From whom did you get this?" she asked.

"They probably recognized that I am French, by my name," replied Mademoiselle Bourienne blushing.

Princess Mary, with the paper in her hand, rose from the window and with a pale face went out of the room and into what had been Prince Andrew's study.

"Dunyasha, send Alpatych, or Dronushka, or somebody to me!" she said, "and tell Mademoiselle Bourienne not to come to me," she added, hearing Mademoiselle Bourienne's voice. "We must go at once, at once!" she said, appalled at the thought of being left in the hands of the French.

"If Prince Andrew heard that I was in the power of the French! That I, the daughter of Prince Nicholas Bolkonski, asked General Rameau for protection and accepted his favor!" This idea horrified her, made her shudder, blush, and feel such a rush of anger and pride as she had never experienced before. All that was distressing, and especially all that was humiliating, in her position rose vividly to her mind. "They, the French, would settle in this house: M. le General Rameau would occupy Prince Andrew's study and amuse himself by looking through and reading his letters and papers. Mademoiselle Bourienne would do the honors of Bogucharovo for him. I should be given a small room as a favor, the soldiers would violate my father's newly dug grave to steal his crosses and stars, they would tell me of their victories over the Russians, and would pretend to sympathize with my sorrow..." thought Princess Mary, not thinking her own thoughts but feeling bound to think like her father and her brother. For herself she did not care where she remained or what happened to her, but she felt herself the representative of her dead father and of Prince Andrew. Involuntarily she thought their thoughts and felt their feelings. What they would have said and what they would have done she felt bound to say and do. She went into Prince Andrew's study, trying to enter completely into his ideas, and considered her position.

The demands of life, which had seemed to her annihilated by her father's death, all at once rose before her with a new, previously unknown force and took possession of her.

Agitated and flushed she paced the room, sending now for Michael Ivanovich and now for Tikhon or Dron. Dunyasha, the nurse, and the other maids could not say in how far Mademoiselle Bourienne's statement was correct. Alpatych was not at home, he had gone to the police. Neither could the architect Michael Ivanovich, who on being sent for came in with sleepy eyes, tell Princess Mary anything. With just the same smile of agreement with which for fifteen years he had been accustomed to answer the old prince without expressing views of his own, he now replied to Princess Mary, so that nothing definite could be got from his answers. The old valet Tikhon, with sunken,

emaciated face that bore the stamp of inconsolable grief, replied:
"Yes, Princess" to all Princess Mary's questions and hardly
refrained from sobbing as he looked at her.

At length Dron, the village Elder, entered the room and with a
deep bow to Princess Mary came to a halt by the doorpost.

Princess Mary walked up and down the room and stopped in front of
him.

"Dronushka," she said, regarding as a sure friend this Dronushka who
always used to bring a special kind of gingerbread from his visit to
the fair at Vyazma every year and smilingly offer it to her,
"Dronushka, now since our misfortune..." she began, but could not go
on.

"We are all in God's hands," said he, with a sigh.

They were silent for a while.

"Dronushka, Alpatych has gone off somewhere and I have no one to
turn to. Is true, as they tell me, that I can't even go away?"

"Why shouldn't you go away, your excellency? You can go," said Dron.

"I was told it would be dangerous because of the enemy. Dear friend,
I can do nothing. I understand nothing. I have nobody! I want to go
away tonight or early tomorrow morning."

Dron paused. He looked askance at Princess Mary and said: "There are
no horses; I told Yakov Alpatych so."

"Why are there none?" asked the princess.

"It's all God's scourge," said Dron. "What horses we had have been
taken for the army or have died--this is such a year! It's not a
case of feeding horses--we may die of hunger ourselves! As it is, some
go three days without eating. We've nothing, we've been ruined."

Princess Mary listened attentively to what he told her.

"The peasants are ruined? They have no bread?" she asked.

"They're dying of hunger," said Dron. "It's not a case of carting."

"But why didn't you tell me, Dronushka? Isn't it possible to help
them? I'll do all I can...."

To Princess Mary it was strange that now, at a moment when such sorrow was filling her soul, there could be rich people and poor, and the rich could refrain from helping the poor. She had heard vaguely that there was such a thing as "landlord's corn" which was sometimes given to the peasants. She also knew that neither her father nor her brother would refuse to help the peasants in need, she only feared to make some mistake in speaking about the distribution of the grain she wished to give. She was glad such cares presented themselves, enabling her without scruple to forget her own grief. She began asking Dron about the peasants' needs and what there was in Bogucharovo that belonged to the landlord.

"But we have grain belonging to my brother?" she said.

"The landlord's grain is all safe," replied Dron proudly. "Our prince did not order it to be sold."

"Give it to the peasants, let them have all they need; I give you leave in my brother's name," said she.

Dron made no answer but sighed deeply.

"Give them that corn if there is enough of it. Distribute it all. I give this order in my brother's name; and tell them that what is ours is theirs. We do not grudge them anything. Tell them so."

Dron looked intently at the princess while she was speaking.

"Discharge me, little mother, for God's sake! Order the keys to be taken from me," said he. "I have served twenty-three years and have done no wrong. Discharge me, for God's sake!"

Princess Mary did not understand what he wanted of her or why he was asking to be discharged. She replied that she had never doubted his devotion and that she was ready to do anything for him and for the peasants.

CHAPTER XI

An hour later Dunyasha came to tell the princess that Dron had come, and all the peasants had assembled at the barn by the princess' order and wished to have word with their mistress.

"But I never told them to come," said Princess Mary. "I only told Dron to let them have the grain."

"Only, for God's sake, Princess dear, have them sent away and don't go out to them. It's all a trick," said Dunyasha, "and when Yakov Alpatych returns let us get away... and please don't..."

"What is a trick?" asked Princess Mary in surprise.

"I know it is, only listen to me for God's sake! Ask nurse too. They say they don't agree to leave Bogucharovo as you ordered."

"You're making some mistake. I never ordered them to go away," said Princess Mary. "Call Dronushka."

Dron came and confirmed Dunyasha's words; the peasants had come by the princess' order.

"But I never sent for them," declared the princess. "You must have given my message wrong. I only said that you were to give them the grain."

Dron only sighed in reply.

"If you order it they will go away," said he.

"No, no. I'll go out to them," said Princess Mary, and in spite of the nurse's and Dunyasha's protests she went out into the porch; Dron, Dunyasha, the nurse, and Michael Ivanovich following her.

"They probably think I am offering them the grain to bribe them to remain here, while I myself go away leaving them to the mercy of the French," thought Princess Mary. "I will offer them monthly rations and housing at our Moscow estate. I am sure Andrew would do even more in my place," she thought as she went out in the twilight toward the crowd standing on the pasture by the barn.

The men crowded closer together, stirred, and rapidly took off their hats. Princess Mary lowered her eyes and, tripping over her skirt, came close up to them. So many different eyes, old and young, were fixed on her, and there were so many different faces, that she could not distinguish any of them and, feeling that she must speak to them all at once, did not know how to do it. But again the sense that she represented her father and her brother gave her courage, and she boldly began her speech.

"I am very glad you have come," she said without raising her eyes, and feeling her heart beating quickly and violently. "Dronushka

tells me that the war has ruined you. That is our common misfortune, and I shall grudge nothing to help you. I am myself going away because it is dangerous here... the enemy is near... because... I am giving you everything, my friends, and I beg you to take everything, all our grain, so that you may not suffer want! And if you have been told that I am giving you the grain to keep you here--that is not true. On the contrary, I ask you to go with all your belongings to our estate near Moscow, and I promise you I will see to it that there you shall want for nothing. You shall be given food and lodging."

The princess stopped. Sighs were the only sound heard in the crowd.

"I am not doing this on my own account," she continued, "I do it in the name of my dead father, who was a good master to you, and of my brother and his son."

Again she paused. No one broke the silence.

"Ours is a common misfortune and we will share it together. All that is mine is yours," she concluded, scanning the faces before her.

All eyes were gazing at her with one and the same expression. She could not fathom whether it was curiosity, devotion, gratitude, or apprehension and distrust--but the expression on all the faces was identical.

"We are all very thankful for your bounty, but it won't do for us to take the landlord's grain," said a voice at the back of the crowd.

"But why not?" asked the princess.

No one replied and Princess Mary, looking round at the crowd, found that every eye she met now was immediately dropped.

"But why don't you want to take it?" she asked again.

No one answered.

The silence began to oppress the princess and she tried to catch someone's eye.

"Why don't you speak?" she inquired of a very old man who stood just in front of her leaning on his stick. "If you think something more is wanted, tell me! I will do anything," said she, catching his eye.

But as if this angered him, he bent his head quite low and muttered:

"Why should we agree? We don't want the grain."

"Why should we give up everything? We don't agree. Don't agree.... We are sorry for you, but we're not willing. Go away yourself, alone..." came from various sides of the crowd.

And again all the faces in that crowd bore an identical expression, though now it was certainly not an expression of curiosity or gratitude, but of angry resolve.

"But you can't have understood me," said Princess Mary with a sad smile. "Why don't you want to go? I promise to house and feed you, while here the enemy would ruin you..."

But her voice was drowned by the voices of the crowd.

"We're not willing. Let them ruin us! We won't take your grain. We don't agree."

Again Princess Mary tried to catch someone's eye, but not a single eye in the crowd was turned to her; evidently they were all trying to avoid her look. She felt strange and awkward.

"Oh yes, an artful tale! Follow her into slavery! Pull down your houses and go into bondage! I dare say! 'I'll give you grain, indeed!' she says," voices in the crowd were heard saying.

With drooping head Princess Mary left the crowd and went back to the house. Having repeated her order to Dron to have horses ready for her departure next morning, she went to her room and remained alone with her own thoughts.

CHAPTER XII

For a long time that night Princess Mary sat by the open window of her room hearing the sound of the peasants' voices that reached her from the village, but it was not of them she was thinking. She felt that she could not understand them however much she might think about them. She thought only of one thing, her sorrow, which, after the break caused by cares for the present, seemed already to belong to the past. Now she could remember it and weep or pray.

After sunset the wind had dropped. The night was calm and fresh. Toward midnight the voices began to subside, a cock crowed, the full

moon began to show from behind the lime trees, a fresh white dewy mist began to rise, and stillness reigned over the village and the house.

Pictures of the near past--her father's illness and last moments--rose one after another to her memory. With mournful pleasure she now lingered over these images, repelling with horror only the last one, the picture of his death, which she felt she could not contemplate even in imagination at this still and mystic hour of night. And these pictures presented themselves to her so clearly and in such detail that they seemed now present, now past, and now future.

She vividly recalled the moment when he had his first stroke and was being dragged along by his armpits through the garden at Bald Hills, muttering something with his helpless tongue, twitching his gray eyebrows and looking uneasily and timidly at her.

"Even then he wanted to tell me what he told me the day he died," she thought. "He had always thought what he said then." And she recalled in all its detail the night at Bald Hills before he had the last stroke, when with a foreboding of disaster she had remained at home against his will. She had not slept and had stolen downstairs on tiptoe, and going to the door of the conservatory where he slept that night had listened at the door. In a suffering and weary voice he was saying something to Tikhon, speaking of the Crimea and its warm nights and of the Empress. Evidently he had wanted to talk. "And why didn't he call me? Why didn't he let me be there instead of Tikhon?" Princess Mary had thought and thought again now. "Now he will never tell anyone what he had in his soul. Never will that moment return for him or for me when he might have said all he longed to say, and not Tikhon but I might have heard and understood him. Why didn't I enter the room?" she thought. "Perhaps he would then have said to me what he said the day he died. While talking to Tikhon he asked about me twice. He wanted to see me, and I was standing close by, outside the door. It was sad and painful for him to talk to Tikhon who did not understand him. I remember how he began speaking to him about Lise as if she were alive--he had forgotten she was dead--and Tikhon reminded him that she was no more, and he shouted, 'Fool!' He was greatly depressed. From behind the door I heard how he lay down on his bed groaning and loudly exclaimed, 'My God!' Why didn't I go in then? What could he have done to me? What could I have lost? And perhaps he would then have been comforted and would have said that word to me." And Princess Mary uttered aloud the caressing word he had said to her on the day of his death. "Dear-est!" she repeated, and began sobbing, with tears that relieved her soul. She now saw his face before her. And not the face she had known ever since she could remember and had always seen at a distance, but the timid, feeble face she had seen for the first time quite closely, with all its wrinkles and details, when she stooped near to his mouth to catch what he said.

"Dear-est!" she repeated again.

"What was he thinking when he uttered that word? What is he thinking now?" This question suddenly presented itself to her, and in answer she saw him before her with the expression that was on his face as he lay in his coffin with his chin bound up with a white handkerchief. And the horror that had seized her when she touched him and convinced herself that that was not he, but something mysterious and horrible, seized her again. She tried to think of something else and to pray, but could do neither. With wide-open eyes she gazed at the moonlight and the shadows, expecting every moment to see his dead face, and she felt that the silence brooding over the house and within it held her fast.

"Dunyasha," she whispered. "Dunyasha!" she screamed wildly, and tearing herself out of this silence she ran to the servants' quarters to meet her old nurse and the maidservants who came running toward her.

CHAPTER XIII

On the seventeenth of August Rostov and Ilyin, accompanied by Lavrushka who had just returned from captivity and by an hussar orderly, left their quarters at Yankovo, ten miles from Bogucharovo, and went for a ride--to try a new horse Ilyin had bought and to find out whether there was any hay to be had in the villages.

For the last three days Bogucharovo had lain between the two hostile armies, so that it was as easy for the Russian rearguard to get to it as for the French vanguard; Rostov, as a careful squadron commander, wished to take such provisions as remained at Bogucharovo before the French could get them.

Rostov and Ilyin were in the merriest of moods. On the way to Bogucharovo, a princely estate with a dwelling house and farm where they hoped to find many domestic serfs and pretty girls, they questioned Lavrushka about Napoleon and laughed at his stories, and raced one another to try Ilyin's horse.

Rostov had no idea that the village he was entering was the property of that very Bolkonski who had been engaged to his sister.

Rostov and Ilyin gave rein to their horses for a last race along the incline before reaching Bogucharovo, and Rostov, outstripping Ilyin, was the first to gallop into the village street.

"You're first!" cried Ilyin, flushed.

"Yes, always first both on the grassland and here," answered Rostov, stroking his heated Donets horse.

"And I'd have won on my Frenchy, your excellency," said Lavrushka from behind, alluding to his shabby cart horse, "only I didn't wish to mortify you."

They rode at a footpace to the barn, where a large crowd of peasants was standing.

Some of the men bared their heads, others stared at the new arrivals without doffing their caps. Two tall old peasants with wrinkled faces and scanty beards emerged from the tavern, smiling, staggering, and singing some incoherent song, and approached the officers.

"Fine fellows!" said Rostov laughing. "Is there any hay here?"

"And how like one another," said Ilyin.

"A mo-o-st me-r-r-y co-o-m-pa...!" sang one of the peasants with a blissful smile.

One of the men came out of the crowd and went up to Rostov.

"Who do you belong to?" he asked.

"The French," replied Ilyin jestingly, "and here is Napoleon himself"--and he pointed to Lavrushka.

"Then you are Russians?" the peasant asked again.

"And is there a large force of you here?" said another, a short man, coming up.

"Very large," answered Rostov. "But why have you collected here?" he added. "Is it a holiday?"

"The old men have met to talk over the business of the commune," replied the peasant, moving away.

At that moment, on the road leading from the big house, two women

and a man in a white hat were seen coming toward the officers.

"The one in pink is mine, so keep off!" said Ilyin on seeing Dunyasha running resolutely toward him.

"She'll be ours!" said Lavrushka to Ilyin, winking.

"What do you want, my pretty?" said Ilyin with a smile.

"The princess ordered me to ask your regiment and your name."

"This is Count Rostov, squadron commander, and I am your humble servant."

"Co-o-om-pa-ny!" roared the tipsy peasant with a beatific smile as he looked at Ilyin talking to the girl. Following Dunyasha, Alpatych advanced to Rostov, having bared his head while still at a distance.

"May I make bold to trouble your honor?" said he respectfully, but with a shade of contempt for the youthfulness of this officer and with a hand thrust into his bosom. "My mistress, daughter of General in Chief Prince Nicholas Bolkonski who died on the fifteenth of this month, finding herself in difficulties owing to the boorishness of these people"--he pointed to the peasants--"asks you to come up to the house.... Won't you, please, ride on a little farther," said Alpatych with a melancholy smile, "as it is not convenient in the presence of...?" He pointed to the two peasants who kept as close to him as horseflies to a horse.

"Ah!... Alpatych... Ah, Yakov Alpatych... Grand! Forgive us for Christ's sake, eh?" said the peasants, smiling joyfully at him.

Rostov looked at the tipsy peasants and smiled.

"Or perhaps they amuse your honor?" remarked Alpatych with a staid air, as he pointed at the old men with his free hand.

"No, there's not much to be amused at here," said Rostov, and rode on a little way. "What's the matter?" he asked.

"I make bold to inform your honor that the rude peasants here don't wish to let the mistress leave the estate, and threaten to unharness her horses, so that though everything has been packed up since morning, her excellency cannot get away."

"Impossible!" exclaimed Rostov.

"I have the honor to report to you the actual truth," said Alpatych.

Rostov dismounted, gave his horse to the orderly, and followed Alpatych to the house, questioning him as to the state of affairs. It appeared that the princess' offer of corn to the peasants the previous day, and her talk with Dron and at the meeting, had actually had so bad an effect that Dron had finally given up the keys and joined the peasants and had not appeared when Alpatych sent for him; and that in the morning when the princess gave orders to harness for her journey, the peasants had come in a large crowd to the barn and sent word that they would not let her leave the village: that there was an order not to move, and that they would unharness the horses. Alpatych had gone out to admonish them, but was told (it was chiefly Karp who did the talking, Dron not showing himself in the crowd) that they could not let the princess go, that there was an order to the contrary, but that if she stayed they would serve her as before and obey her in everything.

At the moment when Rostov and Ilyin were galloping along the road, Princess Mary, despite the dissuasions of Alpatych, her nurse, and the maids, had given orders to harness and intended to start, but when the cavalymen were espied they were taken for Frenchmen, the coachman ran away, and the women in the house began to wail.

"Father! Benefactor! God has sent you!" exclaimed deeply moved voices as Rostov passed through the anteroom.

Princess Mary was sitting helpless and bewildered in the large sitting room, when Rostov was shown in. She could not grasp who he was and why he had come, or what was happening to her. When she saw his Russian face, and by his walk and the first words he uttered recognized him as a man of her own class, she glanced at him with her deep radiant look and began speaking in a voice that faltered and trembled with emotion. This meeting immediately struck Rostov as a romantic event. "A helpless girl overwhelmed with grief, left to the mercy of coarse, rioting peasants! And what a strange fate sent me here! What gentleness and nobility there are in her features and expression!" thought he as he looked at her and listened to her timid story.

When she began to tell him that all this had happened the day after her father's funeral, her voiced trembled. She turned away, and then, as if fearing he might take her words as meant to move him to pity, looked at him with an apprehensive glance of inquiry. There were tears in Rostov's eyes. Princess Mary noticed this and glanced gratefully at him with that radiant look which caused the plainness of her face to be forgotten.

"I cannot express, Princess, how glad I am that I happened to ride

here and am able to show my readiness to serve you," said Rostov, rising. "Go when you please, and I give you my word of honor that no one shall dare to cause you annoyance if only you will allow me to act as your escort." And bowing respectfully, as if to a lady of royal blood, he moved toward the door.

Rostov's deferential tone seemed to indicate that though he would consider himself happy to be acquainted with her, he did not wish to take advantage of her misfortunes to intrude upon her.

Princess Mary understood this and appreciated his delicacy.

"I am very, very grateful to you," she said in French, "but I hope it was all a misunderstanding and that no one is to blame for it." She suddenly began to cry.

"Excuse me!" she said.

Rostov, knitting his brows, left the room with another low bow.

CHAPTER XIV

"Well, is she pretty? Ah, friend--my pink one is delicious; her name is Dunyasha...."

But on glancing at Rostov's face Ilyin stopped short. He saw that his hero and commander was following quite a different train of thought.

Rostov glanced angrily at Ilyin and without replying strode off with rapid steps to the village.

"I'll show them; I'll give it to them, the brigands!" said he to himself.

Alpatych at a gliding trot, only just managing not to run, kept up with him with difficulty.

"What decision have you been pleased to come to?" said he.

Rostov stopped and, clenching his fists, suddenly and sternly turned on Alpatych.

"Decision? What decision? Old dotard!..." cried he. "What have you been about? Eh? The peasants are rioting, and you can't manage them? You're a traitor yourself! I know you. I'll flay you all alive!..."

And as if afraid of wasting his store of anger, he left Alpatych and went rapidly forward. Alpatych, mastering his offended feelings, kept pace with Rostov at a gliding gait and continued to impart his views. He said the peasants were obdurate and that at the present moment it would be imprudent to "overresist" them without an armed force, and would it not be better first to send for the military?

"I'll give them armed force... I'll 'overresist' them!" uttered Rostov meaninglessly, breathless with irrational animal fury and the need to vent it.

Without considering what he would do he moved unconsciously with quick, resolute steps toward the crowd. And the nearer he drew to it the more Alpatych felt that this unreasonable action might produce good results. The peasants in the crowd were similarly impressed when they saw Rostov's rapid, firm steps and resolute, frowning face.

After the hussars had come to the village and Rostov had gone to see the princess, a certain confusion and dissension had arisen among the crowd. Some of the peasants said that these new arrivals were Russians and might take it amiss that the mistress was being detained. Dron was of this opinion, but as soon as he expressed it Karp and others attacked their ex-Elder.

"How many years have you been fattening on the commune?" Karp shouted at him. "It's all one to you! You'll dig up your pot of money and take it away with you.... What does it matter to you whether our homes are ruined or not?"

"We've been told to keep order, and that no one is to leave their homes or take away a single grain, and that's all about it!" cried another.

"It was your son's turn to be conscripted, but no fear! You begrudged your lump of a son," a little old man suddenly began attacking Dron--"and so they took my Vanka to be shaved for a soldier! But we all have to die."

"To be sure, we all have to die. I'm not against the commune," said Dron.

"That's it--not against it! You've filled your belly...."

The two tall peasants had their say. As soon as Rostov, followed by Ilyin, Lavrushka, and Alpatych, came up to the crowd, Karp,

thrusting his fingers into his belt and smiling a little, walked to the front. Dron on the contrary retired to the rear and the crowd drew closer together.

"Who is your Elder here? Hey?" shouted Rostov, coming up to the crowd with quick steps.

"The Elder? What do you want with him?..." asked Karp.

But before the words were well out of his mouth, his cap flew off and a fierce blow jerked his head to one side.

"Caps off, traitors!" shouted Rostov in a wrathful voice. "Where's the Elder?" he cried furiously.

"The Elder... He wants the Elder!... Dron Zakharych, you!" meek and flustered voices here and there were heard calling and caps began to come off their heads.

"We don't riot, we're following the orders," declared Karp, and at that moment several voices began speaking together.

"It's as the old men have decided--there's too many of you giving orders."

"Arguing? Mutiny!... Brigands! Traitors!" cried Rostov unmeaningly in a voice not his own, gripping Karp by the collar. "Bind him, bind him!" he shouted, though there was no one to bind him but Lavrushka and Alpatych.

Lavrushka, however, ran up to Karp and seized him by the arms from behind.

"Shall I call up our men from beyond the hill?" he called out.

Alpatych turned to the peasants and ordered two of them by name to come and bind Karp. The men obediently came out of the crowd and began taking off their belts.

"Where's the Elder?" demanded Rostov in a loud voice.

With a pale and frowning face Dron stepped out of the crowd.

"Are you the Elder? Bind him, Lavrushka!" shouted Rostov, as if that order, too, could not possibly meet with any opposition.

And in fact two more peasants began binding Dron, who took off his own belt and handed it to them, as if to aid them.

"And you all listen to me!" said Rostov to the peasants. "Be off to your houses at once, and don't let one of your voices be heard!"

"Why, we've not done any harm! We did it just out of foolishness. It's all nonsense... I said then that it was not in order," voices were heard bickering with one another.

"There! What did I say?" said Alpatych, coming into his own again. "It's wrong, lads!"

"All our stupidity, Yakov Alpatych," came the answers, and the crowd began at once to disperse through the village.

The two bound men were led off to the master's house. The two drunken peasants followed them.

"Aye, when I look at you!..." said one of them to Karp.

"How can one talk to the masters like that? What were you thinking of, you fool?" added the other--"A real fool!"

Two hours later the carts were standing in the courtyard of the Bogucharovo house. The peasants were briskly carrying out the proprietor's goods and packing them on the carts, and Dron, liberated at Princess Mary's wish from the cupboard where he had been confined, was standing in the yard directing the men.

"Don't put it in so carelessly," said one of the peasants, a man with a round smiling face, taking a casket from a housemaid. "You know it has cost money! How can you chuck it in like that or shove it under the cord where it'll get rubbed? I don't like that way of doing things. Let it all be done properly, according to rule. Look here, put it under the bast matting and cover it with hay--that's the way!"

"Eh, books, books!" said another peasant, bringing out Prince Andrew's library cupboards. "Don't catch up against it! It's heavy, lads--solid books."

"Yes, they worked all day and didn't play!" remarked the tall, round-faced peasant gravely, pointing with a significant wink at the dictionaries that were on the top.

Unwilling to obtrude himself on the princess, Rostov did not go back to the house but remained in the village awaiting her departure. When her carriage drove out of the house, he mounted and accompanied her eight miles from Bogucharovo to where the road was occupied by our

troops. At the inn at Yankovo he respectfully took leave of her, for the first time permitting himself to kiss her hand.

"How can you speak so!" he blushing replied to Princess Mary's expressions of gratitude for her deliverance, as she termed what had occurred. "Any police officer would have done as much! If we had had only peasants to fight, we should not have let the enemy come so far," said he with a sense of shame and wishing to change the subject. "I am only happy to have had the opportunity of making your acquaintance. Good-by, Princess. I wish you happiness and consolation and hope to meet you again in happier circumstances. If you don't want to make me blush, please don't thank me!"

But the princess, if she did not again thank him in words, thanked him with the whole expression of her face, radiant with gratitude and tenderness. She could not believe that there was nothing to thank him for. On the contrary, it seemed to her certain that had he not been there she would have perished at the hands of the mutineers and of the French, and that he had exposed himself to terrible and obvious danger to save her, and even more certain was it that he was a man of lofty and noble soul, able to understand her position and her sorrow. His kind, honest eyes, with the tears rising in them when she herself had begun to cry as she spoke of her loss, did leave her memory.

When she had taken leave of him and remained alone she suddenly felt her eyes filling with tears, and then not for the first time the strange question presented itself to her: did she love him?

On the rest of the way to Moscow, though the princess' position was not a cheerful one, Dunyasha, who went with her in the carriage, more than once noticed that her mistress leaned out of the window and smiled at something with an expression of mingled joy and sorrow.

"Well, supposing I do love him?" thought Princess Mary.

Ashamed as she was of acknowledging to herself that she had fallen in love with a man who would perhaps never love her, she comforted herself with the thought that no one would ever know it and that she would not be to blame if, without ever speaking of it to anyone, she continued to the end of her life to love the man with whom she had fallen in love for the first and last time in her life.

Sometimes when she recalled his looks, his sympathy, and his words, happiness did not appear impossible to her. It was at those moments that Dunyasha noticed her smiling as she looked out of the carriage window.

"Was it not fate that brought him to Bogucharovo, and at that very moment?" thought Princess Mary. "And that caused his sister to refuse my brother?" And in all this Princess Mary saw the hand of Providence.

The impression the princess made on Rostov was a very agreeable one. To remember her gave him pleasure, and when his comrades, hearing of his adventure at Bogucharovo, rallied him on having gone to look for hay and having picked up one of the wealthiest heiresses in Russia, he grew angry. It made him angry just because the idea of marrying the gentle Princess Mary, who was attractive to him and had an enormous fortune, had against his will more than once entered his head. For himself personally Nicholas could not wish for a better wife: by marrying her he would make the countess his mother happy, would be able to put his father's affairs in order, and would even--he felt it--ensure Princess Mary's happiness.

But Sonya? And his plighted word? That was why Rostov grew angry when he was rallied about Princess Bolkonskaya.

CHAPTER XV

On receiving command of the armies Kutuzov remembered Prince Andrew and sent an order for him to report at headquarters.

Prince Andrew arrived at Tsarevo-Zaymishche on the very day and at the very hour that Kutuzov was reviewing the troops for the first time. He stopped in the village at the priest's house in front of which stood the commander in chief's carriage, and he sat down on the bench at the gate awaiting his Serene Highness, as everyone now called Kutuzov. From the field beyond the village came now sounds of regimental music and now the roar of many voices shouting "Hurrah!" to the new commander in chief. Two orderlies, a courier and a major-domo, stood near by, some ten paces from Prince Andrew, availing themselves of Kutuzov's absence and of the fine weather. A short, swarthy lieutenant colonel of hussars with thick mustaches and whiskers rode up to the gate and, glancing at Prince Andrew, inquired whether his Serene Highness was putting up there and whether he would soon be back.

Prince Andrew replied that he was not on his Serene Highness' staff but was himself a new arrival. The lieutenant colonel turned to a smart orderly, who, with the peculiar contempt with which a

commander in chief's orderly speaks to officers, replied:

"What? His Serene Highness? I expect he'll be here soon. What do you want?"

The lieutenant colonel of hussars smiled beneath his mustache at the orderly's tone, dismounted, gave his horse to a dispatch runner, and approached Bolkonski with a slight bow. Bolkonski made room for him on the bench and the lieutenant colonel sat down beside him.

"You're also waiting for the commander in chief?" said he. "They say he receives everyone, thank God!... It's awful with those sausage eaters! Ermolov had reason to ask to be promoted to be a German! Now perhaps Russians will get a look in. As it was, devil only knows what was happening. We kept wetweating and wetweating. Did you take part in the campaign?" he asked.

"I had the pleasure," replied Prince Andrew, "not only of taking part in the retreat but of losing in that retreat all I held dear--not to mention the estate and home of my birth--my father, who died of grief. I belong to the province of Smolensk."

"Ah? You're Prince Bolkonski? Very glad to make your acquaintance! I'm Lieutenant Colonel Denisov, better known as 'Vaska,'" said Denisov, pressing Prince Andrew's hand and looking into his face with a particularly kindly attention. "Yes, I heard," said he sympathetically, and after a short pause added: "Yes, it's Scythian warfare. It's all very well--only not for those who get it in the neck. So you are Prince Andrew Bolkonski?" He swayed his head. "Very pleased, Prince, to make your acquaintance!" he repeated again, smiling sadly, and he again pressed Prince Andrew's hand.

Prince Andrew knew Denisov from what Natasha had told him of her first suitor. This memory carried him sadly and sweetly back to those painful feelings of which he had not thought lately, but which still found place in his soul. Of late he had received so many new and very serious impressions--such as the retreat from Smolensk, his visit to Bald Hills, and the recent news of his father's death--and had experienced so many emotions, that for a long time past those memories had not entered his mind, and now that they did, they did not act on him with nearly their former strength. For Denisov, too, the memories awakened by the name of Bolkonski belonged to a distant, romantic past, when after supper and after Natasha's singing he had proposed to a little girl of fifteen without realizing what he was doing. He smiled at the recollection of that time and of his love for Natasha, and passed at once to what now interested him passionately and exclusively. This was a plan of campaign he had devised while serving at the outposts during the retreat. He had

proposed that plan to Barclay de Tolly and now wished to propose it to Kutuzov. The plan was based on the fact that the French line of operation was too extended, and it proposed that instead of, or concurrently with, action on the front to bar the advance of the French, we should attack their line of communication. He began explaining his plan to Prince Andrew.

"They can't hold all that line. It's impossible. I will undertake to break through. Give me five hundred men and I will break the line, that's certain! There's only one way--guerrilla warfare!"

Denisov rose and began gesticulating as he explained his plan to Bolkonski. In the midst of his explanation shouts were heard from the army, growing more incoherent and more diffused, mingling with music and songs and coming from the field where the review was held. Sounds of hoofs and shouts were nearing the village.

"He's coming! He's coming!" shouted a Cossack standing at the gate.

Bolkonski and Denisov moved to the gate, at which a knot of soldiers (a guard of honor) was standing, and they saw Kutuzov coming down the street mounted on a rather small sorrel horse. A huge suite of generals rode behind him. Barclay was riding almost beside him, and a crowd of officers ran after and around them shouting, "Hurrah!"

His adjutants galloped into the yard before him. Kutuzov was impatiently urging on his horse, which ambled smoothly under his weight, and he raised his hand to his white Horse Guard's cap with a red band and no peak, nodding his head continually. When he came up to the guard of honor, a fine set of Grenadiers mostly wearing decorations, who were giving him the salute, he looked at them silently and attentively for nearly a minute with the steady gaze of a commander and then turned to the crowd of generals and officers surrounding him. Suddenly his face assumed a subtle expression, he shrugged his shoulders with an air of perplexity.

"And with such fine fellows to retreat and retreat! Well, good-by, General," he added, and rode into the yard past Prince Andrew and Denisov.

"Hurrah! hurrah! hurrah!" shouted those behind him.

Since Prince Andrew had last seen him Kutuzov had grown still more corpulent, flaccid, and fat. But the bleached eyeball, the scar, and the familiar weariness of his expression were still the same. He was wearing the white Horse Guard's cap and a military overcoat with a whip hanging over his shoulder by a thin strap. He sat heavily and swayed limply on his brisk little horse.

"Whew... whew... whew!" he whistled just audibly as he rode into the yard. His face expressed the relief of relaxed strain felt by a man who means to rest after a ceremony. He drew his left foot out of the stirrup and, lurching with his whole body and puckering his face with the effort, raised it with difficulty onto the saddle, leaned on his knee, groaned, and slipped down into the arms of the Cossacks and adjutants who stood ready to assist him.

He pulled himself together, looked round, screwing up his eyes, glanced at Prince Andrew, and, evidently not recognizing him, moved with his waddling gait to the porch. "Whew... whew... whew!" he whistled, and again glanced at Prince Andrew. As often occurs with old men, it was only after some seconds that the impression produced by Prince Andrew's face linked itself up with Kutuzov's remembrance of his personality.

"Ah, how do you do, my dear prince? How do you do, my dear boy? Come along..." said he, glancing wearily round, and he stepped onto the porch which creaked under his weight.

He unbuttoned his coat and sat down on a bench in the porch.

"And how's your father?"

"I received news of his death, yesterday," replied Prince Andrew abruptly.

Kutuzov looked at him with eyes wide open with dismay and then took off his cap and crossed himself:

"May the kingdom of Heaven be his! God's will be done to us all!" He sighed deeply, his whole chest heaving, and was silent for a while. "I loved him and respected him, and sympathize with you with all my heart."

He embraced Prince Andrew, pressing him to his fat breast, and for some time did not let him go. When he released him Prince Andrew saw that Kutuzov's flabby lips were trembling and that tears were in his eyes. He sighed and pressed on the bench with both hands to raise himself.

"Come! Come with me, we'll have a talk," said he.

But at that moment Denisov, no more intimidated by his superiors than by the enemy, came with jingling spurs up the steps of the porch, despite the angry whispers of the adjutants who tried to stop him.

Kutuzov, his hands still pressed on the seat, glanced at him glumly.

Denisov, having given his name, announced that he had to communicate to his Serene Highness a matter of great importance for their country's welfare. Kutuzov looked wearily at him and, lifting his hands with a gesture of annoyance, folded them across his stomach, repeating the words: "For our country's welfare? Well, what is it? Speak!" Denisov blushed like a girl (it was strange to see the color rise in that shaggy, bibulous, time-worn face) and boldly began to expound his plan of cutting the enemy's lines of communication between Smolensk and Vyazma. Denisov came from those parts and knew the country well. His plan seemed decidedly a good one, especially from the strength of conviction with which he spoke. Kutuzov looked down at his own legs, occasionally glancing at the door of the adjoining hut as if expecting something unpleasant to emerge from it. And from that hut, while Denisov was speaking, a general with a portfolio under his arm really did appear.

"What?" said Kutuzov, in the midst of Denisov's explanations, "are you ready so soon?"

"Ready, your Serene Highness," replied the general.

Kutuzov swayed his head, as much as to say: "How is one man to deal with it all?" and again listened to Denisov.

"I give my word of honor as a Wussian officer," said Denisov, "that I can bweak Napoleon's line of communication!"

"What relation are you to Intendant General Kiril Andreevich Denisov?" asked Kutuzov, interrupting him.

"He is my uncle, your Sewene Highness."

"Ah, we were friends," said Kutuzov cheerfully. "All right, all right, friend, stay here at the staff and tomorrow we'll have a talk."

With a nod to Denisov he turned away and put out his hand for the papers Konovnitsyn had brought him.

"Would not your Serene Highness like to come inside?" said the general on duty in a discontented voice, "the plans must be examined and several papers have to be signed."

An adjutant came out and announced that everything was in readiness within. But Kutuzov evidently did not wish to enter that room till he was disengaged. He made a grimace...

"No, tell them to bring a small table out here, my dear boy. I'll look at them here," said he. "Don't go away," he added, turning to

Prince Andrew, who remained in the porch and listened to the general's report.

While this was being given, Prince Andrew heard the whisper of a woman's voice and the rustle of a silk dress behind the door. Several times on glancing that way he noticed behind that door a plump, rosy, handsome woman in a pink dress with a lilac silk kerchief on her head, holding a dish and evidently awaiting the entrance of the commander in chief. Kutuzov's adjutant whispered to Prince Andrew that this was the wife of the priest whose home it was, and that she intended to offer his Serene Highness bread and salt. "Her husband has welcomed his Serene Highness with the cross at the church, and she intends to welcome him in the house.... She's very pretty," added the adjutant with a smile. At those words Kutuzov looked round. He was listening to the general's report--which consisted chiefly of a criticism of the position at Tsarevo-Zaymishche--as he had listened to Denisov, and seven years previously had listened to the discussion at the Austerlitz council of war. He evidently listened only because he had ears which, though there was a piece of tow in one of them, could not help hearing; but it was evident that nothing the general could say would surprise or even interest him, that he knew all that would be said beforehand, and heard it all only because he had to, as one has to listen to the chanting of a service of prayer. All that Denisov had said was clever and to the point. What the general was saying was even more clever and to the point, but it was evident that Kutuzov despised knowledge and cleverness, and knew of something else that would decide the matter--something independent of cleverness and knowledge. Prince Andrew watched the commander in chief's face attentively, and the only expression he could see there was one of boredom, curiosity as to the meaning of the feminine whispering behind the door, and a desire to observe propriety. It was evident that Kutuzov despised cleverness and learning and even the patriotic feeling shown by Denisov, but despised them not because of his own intellect, feelings, or knowledge--he did not try to display any of these--but because of something else. He despised them because of his old age and experience of life. The only instruction Kutuzov gave of his own accord during that report referred to looting by the Russian troops. At the end of the report the general put before him for signature a paper relating to the recovery of payment from army commanders for green oats mown down by the soldiers, when landowners lodged petitions for compensation.

After hearing the matter, Kutuzov smacked his lips together and shook his head.

"Into the stove... into the fire with it! I tell you once for all, my dear fellow," said he, "into the fire with all such things! Let them cut the crops and burn wood to their hearts' content. I don't

order it or allow it, but I don't exact compensation either. One can't get on without it. 'When wood is chopped the chips will fly.'" He looked at the paper again. "Oh, this German precision!" he muttered, shaking his head.

CHAPTER XVI

"Well, that's all!" said Kutuzov as he signed the last of the documents, and rising heavily and smoothing out the folds in his fat white neck he moved toward the door with a more cheerful expression.

The priest's wife, flushing rosy red, caught up the dish she had after all not managed to present at the right moment, though she had so long been preparing for it, and with a low bow offered it to Kutuzov.

He screwed up his eyes, smiled, lifted her chin with his hand, and said:

"Ah, what a beauty! Thank you, sweetheart!"

He took some gold pieces from his trouser pocket and put them on the dish for her. "Well, my dear, and how are we getting on?" he asked, moving to the door of the room assigned to him. The priest's wife smiled, and with dimples in her rosy cheeks followed him into the room. The adjutant came out to the porch and asked Prince Andrew to lunch with him. Half an hour later Prince Andrew was again called to Kutuzov. He found him reclining in an armchair, still in the same unbuttoned overcoat. He had in his hand a French book which he closed as Prince Andrew entered, marking the place with a knife. Prince Andrew saw by the cover that it was *Les Chevaliers du Cygne* by Madame de Genlis.

"Well, sit down, sit down here. Let's have a talk," said Kutuzov. "It's sad, very sad. But remember, my dear fellow, that I am a father to you, a second father..."

Prince Andrew told Kutuzov all he knew of his father's death, and what he had seen at Bald Hills when he passed through it.

"What... what they have brought us to!" Kutuzov suddenly cried in an agitated voice, evidently picturing vividly to himself from Prince Andrew's story the condition Russia was in. "But give me time, give me

time!" he said with a grim look, evidently not wishing to continue this agitating conversation, and added: "I sent for you to keep you with me."

"I thank your Serene Highness, but I fear I am no longer fit for the staff," replied Prince Andrew with a smile which Kutuzov noticed.

Kutuzov glanced inquiringly at him.

"But above all," added Prince Andrew, "I have grown used to my regiment, am fond of the officers, and I fancy the men also like me. I should be sorry to leave the regiment. If I decline the honor of being with you, believe me..."

A shrewd, kindly, yet subtly derisive expression lit up Kutuzov's podgy face. He cut Bolkonski short.

"I am sorry, for I need you. But you're right, you're right! It's not here that men are needed. Advisers are always plentiful, but men are not. The regiments would not be what they are if the would-be advisers served there as you do. I remember you at Austerlitz.... I remember, yes, I remember you with the standard!" said Kutuzov, and a flush of pleasure suffused Prince Andrew's face at this recollection.

Taking his hand and drawing him downwards, Kutuzov offered his cheek to be kissed, and again Prince Andrew noticed tears in the old man's eyes. Though Prince Andrew knew that Kutuzov's tears came easily, and that he was particularly tender to and considerate of him from a wish to show sympathy with his loss, yet this reminder of Austerlitz was both pleasant and flattering to him.

"Go your way and God be with you. I know your path is the path of honor!" He paused. "I missed you at Bucharest, but I needed someone to send." And changing the subject, Kutuzov began to speak of the Turkish war and the peace that had been concluded. "Yes, I have been much blamed," he said, "both for that war and the peace... but everything came at the right time. Tout vient a point a celui qui sait attendre.* And there were as many advisers there as here..." he went on, returning to the subject of "advisers" which evidently occupied him. "Ah, those advisers!" said he. "If we had listened to them all we should not have made peace with Turkey and should not have been through with that war. Everything in haste, but more haste, less speed. Kamenski would have been lost if he had not died. He stormed fortresses with thirty thousand men. It is not difficult to capture a fortress but it is difficult to win a campaign. For that, storming and attacking but patience and time are wanted. Kamenski sent soldiers to Rustchuk, but I only employed these two things and took more

fortresses than Kamenski and made them but eat horseflesh!" He swayed his head. "And the French shall too, believe me," he went on, growing warmer and beating his chest, "I'll make them eat horseflesh!" And tears again dimmed his eyes.

*"Everything comes in time to him who knows how to wait."

"But shan't we have to accept battle?" remarked Prince Andrew.

"We shall if everybody wants it; it can't be helped.... But believe me, my dear boy, there is nothing stronger than those two: patience and time, they will do it all. But the advisers n'entendent pas de cette oreille, voila le mal.* Some want a thing--others don't. What's one to do?" he asked, evidently expecting an answer. "Well, what do you want us to do?" he repeated and his eye shone with a deep, shrewd look. "I'll tell you what to do," he continued, as Prince Andrew still did not reply: "I will tell you what to do, and what I do. Dans le doute, mon cher," he paused, "abstiens-toi"*[2]--he articulated the French proverb deliberately.

*"Don't see it that way, that's the trouble."

*[2] "When in doubt, my dear fellow, do nothing."

"Well, good-by, my dear fellow; remember that with all my heart I share your sorrow, and that for you I am not a Serene Highness, nor a prince, nor a commander in chief, but a father! If you want anything come straight to me. Good-by, my dear boy."

Again he embraced and kissed Prince Andrew, but before the latter had left the room Kutuzov gave a sigh of relief and went on with his unfinished novel, *Les Chevaliers du Cygne* by Madame de Genlis.

Prince Andrew could not have explained how or why it was, but after that interview with Kutuzov he went back to his regiment reassured as to the general course of affairs and as to the man to whom it had been entrusted. The more he realized the absence of all personal motive in that old man--in whom there seemed to remain only the habit of passions, and in place of an intellect (grouping events and drawing conclusions) only the capacity calmly to contemplate the course of events--the more reassured he was that everything would be as it should. "He will not bring in any plan of his own. He will not devise or undertake anything," thought Prince Andrew, "but he will hear everything, remember everything, and put everything in its place."

He will not hinder anything useful nor allow anything harmful. He understands that there is something stronger and more important than his own will--the inevitable course of events, and he can see them and grasp their significance, and seeing that significance can refrain from meddling and renounce his personal wish directed to something else. And above all," thought Prince Andrew, "one believes in him because he's Russian, despite the novel by Genlis and the French proverbs, and because his voice shook when he said: 'What they have brought us to!' and had a sob in it when he said he would 'make them eat horseflesh!'"

On such feelings, more or less dimly shared by all, the unanimity and general approval were founded with which, despite court influences, the popular choice of Kutuzov as commander in chief was received.

CHAPTER XVII

After the Emperor had left Moscow, life flowed on there in its usual course, and its course was so very usual that it was difficult to remember the recent days of patriotic elation and ardor, hard to believe that Russia was really in danger and that the members of the English Club were also sons of the Fatherland ready to sacrifice everything for it. The one thing that recalled the patriotic fervor everyone had displayed during the Emperor's stay was the call for contributions of men and money, a necessity that as soon as the promises had been made assumed a legal, official form and became unavoidable.

With the enemy's approach to Moscow, the Moscovites' view of their situation did not grow more serious but on the contrary became even more frivolous, as always happens with people who see a great danger approaching. At the approach of danger there are always two voices that speak with equal power in the human soul: one very reasonably tells a man to consider the nature of the danger and the means of escaping it; the other, still more reasonably, says that it is too depressing and painful to think of the danger, since it is not in man's power to foresee everything and avert the general course of events, and it is therefore better to disregard what is painful till it comes, and to think about what is pleasant. In solitude a man generally listens to the first voice, but in society to the second. So it was now with the inhabitants of Moscow. It was long since people had been as gay in Moscow as that year.

Rostopchin's broadsheets, headed by woodcuts of a drink shop, a potman, and a Moscow burgher called Karpushka Chigirin, "who--having been a militiaman and having had rather too much at the pub--heard that Napoleon wished to come to Moscow, grew angry, abused the French in very bad language, came out of the drink shop, and, under the sign of the eagle, began to address the assembled people," were read and discussed, together with the latest of Vasili Lvovich Pushkin's bouts rimes.

In the corner room at the Club, members gathered to read these broadsheets, and some liked the way Karpushka jeered at the French, saying: "They will swell up with Russian cabbage, burst with our buckwheat porridge, and choke themselves with cabbage soup. They are all dwarfs and one peasant woman will toss three of them with a hayfork." Others did not like that tone and said it was stupid and vulgar. It was said that Rostopchin had expelled all Frenchmen and even all foreigners from Moscow, and that there had been some spies and agents of Napoleon among them; but this was told chiefly to introduce Rostopchin's witty remark on that occasion. The foreigners were deported to Nizhni by boat, and Rostopchin had said to them in French: "Rentrez en vousmemes; entrez dans la barque, et n'en faites pas une barque de Charon."* There was talk of all the government offices having been already removed from Moscow, and to this Shinshin's witticism was added--that for that alone Moscow ought to be grateful to Napoleon. It was said that Mamonov's regiment would cost him eight hundred thousand rubles, and that Bezukhov had spent even more on his, but that the best thing about Bezukhov's action was that he himself was going to don a uniform and ride at the head of his regiment without charging anything for the show.

*"Think it over; get into the barque, and take care not to make it a barque of Charon."

"You don't spare anyone," said Julie Drubetskaya as she collected and pressed together a bunch of raveled lint with her thin, beringed fingers.

Julie was preparing to leave Moscow next day and was giving a farewell soiree.

"Bezukhov est ridicule, but he is so kind and good-natured. What pleasure is there to be so caustique?"

"A forfeit!" cried a young man in militia uniform whom Julie called "mon chevalier," and who was going with her to Nizhni.

In Julie's set, as in many other circles in Moscow, it had been agreed that they would speak nothing but Russian and that those who made a slip and spoke French should pay fines to the Committee of Voluntary Contributions.

"Another forfeit for a Gallicism," said a Russian writer who was present. "'What pleasure is there to be' is not Russian!"

"You spare no one," continued Julie to the young man without heeding the author's remark.

"For caustique--I am guilty and will pay, and I am prepared to pay again for the pleasure of telling you the truth. For Gallicisms I won't be responsible," she remarked, turning to the author: "I have neither the money nor the time, like Prince Galitsyn, to engage a master to teach me Russian!"

"Ah, here he is!" she added. "Quand on... No, no," she said to the militia officer, "you won't catch me. Speak of the sun and you see its rays!" and she smiled amiably at Pierre. "We were just talking of you," she said with the facility in lying natural to a society woman. "We were saying that your regiment would be sure to be better than Mamonov's."

"Oh, don't talk to me of my regiment," replied Pierre, kissing his hostess' hand and taking a seat beside her. "I am so sick of it."

"You will, of course, command it yourself?" said Julie, directing a sly, sarcastic glance toward the militia officer.

The latter in Pierre's presence had ceased to be caustic, and his face expressed perplexity as to what Julie's smile might mean. In spite of his absent-mindedness and good nature, Pierre's personality immediately checked any attempt to ridicule him to his face.

"No," said Pierre, with a laughing glance at his big, stout body. "I should make too good a target for the French, besides I am afraid I should hardly be able to climb onto a horse."

Among those whom Julie's guests happened to choose to gossip about were the Rostovs.

"I hear that their affairs are in a very bad way," said Julie.

"And he is so unreasonable, the count himself I mean. The Razumovskis wanted to buy his house and his estate near Moscow, but it drags on and on. He asks too much."

"No, I think the sale will come off in a few days," said someone.

"Though it is madness to buy anything in Moscow now."

"Why?" asked Julie. "You don't think Moscow is in danger?"

"Then why are you leaving?"

"I? What a question! I am going because... well, because everyone is going: and besides--I am not Joan of Arc or an Amazon."

"Well, of course, of course! Let me have some more strips of linen."

"If he manages the business properly he will be able to pay off all his debts," said the militia officer, speaking of Rostov.

"A kindly old man but not up to much. And why do they stay on so long in Moscow? They meant to leave for the country long ago. Natalie is quite well again now, isn't she?" Julie asked Pierre with a knowing smile.

"They are waiting for their younger son," Pierre replied. "He joined Obolenski's Cossacks and went to Belaya Tserkov where the regiment is being formed. But now they have had him transferred to my regiment and are expecting him every day. The count wanted to leave long ago, but the countess won't on any account leave Moscow till her son returns."

"I met them the day before yesterday at the Arkharovs'. Natalie has recovered her looks and is brighter. She sang a song. How easily some people get over everything!"

"Get over what?" inquired Pierre, looking displeased.

Julie smiled.

"You know, Count, such knights as you are only found in Madame de Souza's novels."

"What knights? What do you mean?" demanded Pierre, blushing.

"Oh, come, my dear count! C'est la fable de tout Moscou. Je vous admire, ma parole d'honneur!"*

*"It is the talk of all Moscow. My word, I admire you!"

"Forfeit, forfeit!" cried the militia officer.

"All right, one can't talk--how tiresome!"

"What is 'the talk of all Moscow'?" Pierre asked angrily, rising to his feet.

"Come now, Count, you know!"

"I don't know anything about it," said Pierre.

"I know you were friendly with Natalie, and so... but I was always more friendly with Vera--that dear Vera."

"No, madame!" Pierre continued in a tone of displeasure, "I have not taken on myself the role of Natalie Rostova's knight at all, and have not been their house for nearly a month. But I cannot understand the cruelty..."

"Qui s'excuse s'accuse,"* said Julie, smiling and waving the lint triumphantly, and to have the last word she promptly changed the subject. "Do you know what I heard today? Poor Mary Bolkonskaya arrived in Moscow yesterday. Do you know that she has lost her father?"

*"Who excuses himself, accuses himself."

"Really? Where is she? I should like very much to see her," said Pierre.

"I spent the evening with her yesterday. She is going to their estate near Moscow either today or tomorrow morning, with her nephew."

"Well, and how is she?" asked Pierre.

"She is well, but sad. But do you know who rescued her? It is quite a romance. Nicholas Rostov! She was surrounded, and they wanted to kill her and had wounded some of her people. He rushed in and saved her...."

"Another romance," said the militia officer. "Really, this general flight has been arranged to get all the old maids married off. Catiche is one and Princess Bolkonskaya another."

"Do you know, I really believe she is un petit peu amoureuse du jeune homme."*

*"A little bit in love with the young man."

"Forfeit, forfeit, forfeit!"

"But how could one say that in Russian?"

CHAPTER XVIII

When Pierre returned home he was handed two of Rostopchin's broadsheets that had been brought that day.

The first declared that the report that Count Rostopchin had forbidden people to leave Moscow was false; on the contrary he was glad that ladies and tradesmen's wives were leaving the city. "There will be less panic and less gossip," ran the broadsheet "but I will stake my life on it that that will not enter Moscow." These words showed Pierre clearly for the first time that the French would enter Moscow. The second broadsheet stated that our headquarters were at Vyazma, that Count Wittgenstein had defeated the French, but that as many of the inhabitants of Moscow wished to be armed, weapons were ready for them at the arsenal: sabers, pistols, and muskets which could be had at a low price. The tone of the proclamation was not as jocose as in the former Chigirin talks. Pierre pondered over these broadsheets. Evidently the terrible stormcloud he had desired with the whole strength of his soul but which yet aroused involuntary horror in him was drawing near.

"Shall I join the army and enter the service, or wait?" he asked himself for the hundredth time. He took a pack of cards that lay on the table and began to lay them out for a game of patience.

"If this patience comes out," he said to himself after shuffling the cards, holding them in his hand, and lifting his head, "if it comes out, it means... what does it mean?"

He had not decided what it should mean when he heard the voice of the eldest princess at the door asking whether she might come in.

"Then it will mean that I must go to the army," said Pierre to himself. "Come in, come in!" he added to the princess.

Only the eldest princess, the one with the stony face and long waist, was still living in Pierre's house. The two younger ones had both married.

"Excuse my coming to you, cousin," she said in a reproachful and agitated voice. "You know some decision must be come to. What is going to happen? Everyone has left Moscow and the people are rioting. How is it that we are staying on?"

"On the contrary, things seem satisfactory, ma cousine," said Pierre in the bantering tone he habitually adopted toward her, always feeling uncomfortable in the role of her benefactor.

"Satisfactory, indeed! Very satisfactory! Barbara Ivanovna told me today how our troops are distinguishing themselves. It certainly does them credit! And the people too are quite mutinous--they no longer obey, even my maid has taken to being rude. At this rate they will soon begin beating us. One can't walk in the streets. But, above all, the French will be here any day now, so what are we waiting for? I ask just one thing of you, cousin," she went on, "arrange for me to be taken to Petersburg. Whatever I may be, I can't live under Bonaparte's rule."

"Oh, come, ma cousine! Where do you get your information from? On the contrary..."

"I won't submit to your Napoleon! Others may if they please.... If you don't want to do this..."

"But I will, I'll give the order at once."

The princess was apparently vexed at not having anyone to be angry with. Muttering to herself, she sat down on a chair.

"But you have been misinformed," said Pierre. "Everything is quiet in the city and there is not the slightest danger. See! I've just been reading..." He showed her the broadsheet. "Count Rostopchin writes that he will stake his life on it that the enemy will not enter Moscow."

"Oh, that count of yours!" said the princess malevolently. "He is a hypocrite, a rascal who has himself roused the people to riot. Didn't he write in those idiotic broadsheets that anyone, 'whoever it might be, should be dragged to the lockup by his hair'? (How silly!) 'And honor and glory to whoever captures him,' he says. This is what his cajolery has brought us to! Barbara Ivanovna told me the mob near killed her because she said something in French."

"Oh, but it's so... You take everything so to heart," said Pierre, and began laying out his cards for patience.

Although that patience did come out, Pierre did not join the army, but remained in deserted Moscow ever in the same state of agitation, irresolution, and alarm, yet at the same time joyfully expecting something terrible.

Next day toward evening the princess set off, and Pierre's head steward came to inform him that the money needed for the equipment of his regiment could not be found without selling one of the estates. In general the head steward made out to Pierre that his project of raising a regiment would ruin him. Pierre listened to him, scarcely able to repress a smile.

"Well then, sell it," said he. "What's to be done? I can't draw back now!"

The worse everything became, especially his own affairs, the better was Pierre pleased and the more evident was it that the catastrophe he expected was approaching. Hardly anyone he knew was left in town. Julie had gone, and so had Princess Mary. Of his intimate friends only the Rostovs remained, but he did not go to see them.

To distract his thoughts he drove that day to the village of Vorontsovo to see the great balloon Leppich was constructing to destroy the foe, and a trial balloon that was to go up next day. The balloon was not yet ready, but Pierre learned that it was being constructed by the Emperor's desire. The Emperor had written to Count Rostopchin as follows:

As soon as Leppich is ready, get together a crew of reliable and intelligent men for his car and send a courier to General Kutuzov to let him know. I have informed him of the matter.

Please impress upon Leppich to be very careful where he descends for the first time, that he may not make a mistake and fall into the enemy's hands. It is essential for him to combine his movements with those of the commander in chief.

On his way home from Vorontsovo, as he was passing the Bolotnoe Place Pierre, seeing a large crowd round the Lobnoe Place, stopped and got out of his trap. A French cook accused of being a spy was being flogged. The flogging was only just over, and the executioner was releasing from the flogging bench a stout man with red whiskers, in

blue stockings and a green jacket, who was moaning piteously. Another criminal, thin and pale, stood near. Judging by their faces they were both Frenchmen. With a frightened and suffering look resembling that on the thin Frenchman's face, Pierre pushed his way in through the crowd.

"What is it? Who is it? What is it for?" he kept asking.

But the attention of the crowd--officials, burghers, shopkeepers, peasants, and women in cloaks and in pelisses--was so eagerly centered on what was passing in Lobnoe Place that no one answered him. The stout man rose, frowned, shrugged his shoulders, and evidently trying to appear firm began to pull on his jacket without looking about him, but suddenly his lips trembled and he began to cry, in the way full-blooded grown-up men cry, though angry with himself for doing so. In the crowd people began talking loudly, to stifle their feelings of pity as it seemed to Pierre.

"He's cook to some prince."

"Eh, mounseer, Russian sauce seems to be sour to a Frenchman... sets his teeth on edge!" said a wrinkled clerk who was standing behind Pierre, when the Frenchman began to cry.

The clerk glanced round, evidently hoping that his joke would be appreciated. Some people began to laugh, others continued to watch in dismay the executioner who was undressing the other man.

Pierre choked, his face puckered, and he turned hastily away, went back to his trap muttering something to himself as he went, and took his seat. As they drove along he shuddered and exclaimed several times so audibly that the coachman asked him:

"What is your pleasure?"

"Where are you going?" shouted Pierre to the man, who was driving to Lubyanka Street.

"To the Governor's, as you ordered," answered the coachman.

"Fool! Idiot!" shouted Pierre, abusing his coachman--a thing he rarely did. "Home, I told you! And drive faster, blockhead!" "I must get away this very day," he murmured to himself.

At the sight of the tortured Frenchman and the crowd surrounding the Lobnoe Place, Pierre had so definitely made up his mind that he could no longer remain in Moscow and would leave for the army that very day that it seemed to him that either he had told the coachman

this or that the man ought to have known it for himself.

On reaching home Pierre gave orders to Evstafey--his head coachman who knew everything, could do anything, and was known to all Moscow--that he would leave that night for the army at Mozhaysk, and that his saddle horses should be sent there. This could not all be arranged that day, so on Evstafey's representation Pierre had to put off his departure till next day to allow time for the relay horses to be sent on in advance.

On the twenty-fourth the weather cleared up after a spell of rain, and after dinner Pierre left Moscow. When changing horses that night in Perkhushkovo, he learned that there had been a great battle that evening. (This was the battle of Shevardino.) He was told that there in Perkhushkovo the earth trembled from the firing, but nobody could answer his questions as to who had won. At dawn next day Pierre was approaching Mozhaysk.

Every house in Mozhaysk had soldiers quartered in it, and at the hostel where Pierre was met by his groom and coachman there was no room to be had. It was full of officers.

Everywhere in Mozhaysk and beyond it, troops were stationed or on the march. Cossacks, foot and horse soldiers, wagons, caissons, and cannon were everywhere. Pierre pushed forward as fast as he could, and the farther he left Moscow behind and the deeper he plunged into that sea of troops the more was he overcome by restless agitation and a new and joyful feeling he had not experienced before. It was a feeling akin to what he had felt at the Sloboda Palace during the Emperor's visit--a sense of the necessity of undertaking something and sacrificing something. He now experienced a glad consciousness that everything that constitutes men's happiness--the comforts of life, wealth, even life itself--is rubbish it is pleasant to throw away, compared with something... With what? Pierre could not say, and he did not try to determine for whom and for what he felt such particular delight in sacrificing everything. He was not occupied with the question of what to sacrifice for; the fact of sacrificing in itself afforded him a new and joyous sensation.

CHAPTER XIX

On the twenty-fourth of August the battle of the Shevardino Redoubt was fought, on the twenty-fifth not a shot was fired by either

side, and on the twenty-sixth the battle of Borodino itself took place.

Why and how were the battles of Shevardino and Borodino given and accepted? Why was the battle of Borodino fought? There was not the least sense in it for either the French or the Russians. Its immediate result for the Russians was, and was bound to be, that we were brought nearer to the destruction of Moscow--which we feared more than anything in the world; and for the French its immediate result was that they were brought nearer to the destruction of their whole army--which they feared more than anything in the world. What the result must be was quite obvious, and yet Napoleon offered and Kutuzov accepted that battle.

If the commanders had been guided by reason, it would seem that it must have been obvious to Napoleon that by advancing thirteen hundred miles and giving battle with a probability of losing a quarter of his army, he was advancing to certain destruction, and it must have been equally clear to Kutuzov that by accepting battle and risking the loss of a quarter of his army he would certainly lose Moscow. For Kutuzov this was mathematically clear, as it is that if when playing draughts I have one man less and go on exchanging, I shall certainly lose, and therefore should not exchange. When my opponent has sixteen men and I have fourteen, I am only one eighth weaker than he, but when I have exchanged thirteen more men he will be three times as strong as I am.

Before the battle of Borodino our strength in proportion to the French was about as five to six, but after that battle it was little more than one to two: previously we had a hundred thousand against a hundred and twenty thousand; afterwards little more than fifty thousand against a hundred thousand. Yet the shrewd and experienced Kutuzov accepted the battle, while Napoleon, who was said to be a commander of genius, gave it, losing a quarter of his army and lengthening his lines of communication still more. If it is said that he expected to end the campaign by occupying Moscow as he had ended a previous campaign by occupying Vienna, there is much evidence to the contrary. Napoleon's historians themselves tell us that from Smolensk onwards he wished to stop, knew the danger of his extended position, and knew that the occupation of Moscow would not be the end of the campaign, for he had seen at Smolensk the state in which Russian towns were left to him, and had not received a single reply to his repeated announcements of his wish to negotiate.

In giving and accepting battle at Borodino, Kutuzov acted involuntarily and irrationally. But later on, to fit what had occurred, the historians provided cunningly devised evidence of the foresight and genius the generals who, of all the blind tools of

history were the most enslaved and involuntary.

The ancients have left us model heroic poems in which the heroes furnish the whole interest of the story, and we are still unable to accustom ourselves to the fact that for our epoch histories of that kind are meaningless.

On the other question, how the battle of Borodino and the preceding battle of Shevardino were fought, there also exists a definite and well-known, but quite false, conception. All the historians describe the affair as follows:

The Russian army, they say, in its retreat from Smolensk sought out for itself the best position for a general engagement and found such a position at Borodino.

The Russians, they say, fortified this position in advance on the left of the highroad (from Moscow to Smolensk) and almost at a right angle to it, from Borodino to Utitsa, at the very place where the battle was fought.

In front of this position, they say, a fortified outpost was set up on the Shevardino mound to observe the enemy. On the twenty-fourth, we are told, Napoleon attacked this advanced post and took it, and, on the twenty-sixth, attacked the whole Russian army, which was in position on the field of Borodino.

So the histories say, and it is all quite wrong, as anyone who cares to look into the matter can easily convince himself.

The Russians did not seek out the best position but, on the contrary, during the retreat passed many positions better than Borodino. They did not stop at any one of these positions because Kutuzov did not wish to occupy a position he had not himself chosen, because the popular demand for a battle had not yet expressed itself strongly enough, and because Miloradovich had not yet arrived with the militia, and for many other reasons. The fact is that other positions they had passed were stronger, and that the position at Borodino (the one where the battle was fought), far from being strong, was no more a position than any other spot one might find in the Russian Empire by sticking a pin into the map at hazard.

Not only did the Russians not fortify the position on the field of Borodino to the left of, and at a right angle to, the highroad (that is, the position on which the battle took place), but never till the twenty-fifth of August, 1812, did they think that a battle might be fought there. This was shown first by the fact that there were no entrenchments there by the twenty fifth and that those begun on the

twenty-fifth and twenty-sixth were not completed, and secondly, by the position of the Shevardino Redoubt. That redoubt was quite senseless in front of the position where the battle was accepted. Why was it more strongly fortified than any other post? And why were all efforts exhausted and six thousand men sacrificed to defend it till late at night on the twenty-fourth? A Cossack patrol would have sufficed to observe the enemy. Thirdly, as proof that the position on which the battle was fought had not been foreseen and that the Shevardino Redoubt was not an advanced post of that position, we have the fact that up to the twenty-fifth, Barclay de Tolly and Bagration were convinced that the Shevardino Redoubt was the left flank of the position, and that Kutuzov himself in his report, written in hot haste after the battle, speaks of the Shevardino Redoubt as the left flank of the position. It was much later, when reports on the battle of Borodino were written at leisure, that the incorrect and extraordinary statement was invented (probably to justify the mistakes of a commander in chief who had to be represented as infallible) that the Shevardino Redoubt was an advanced post--whereas in reality it was simply a fortified point on the left flank--and that the battle of Borodino was fought by us on an entrenched position previously selected, where as it was fought on a quite unexpected spot which was almost unentrenched.

The case was evidently this: a position was selected along the river Kolocha--which crosses the highroad not at a right angle but at an acute angle--so that the left flank was at Shevardino, the right flank near the village of Novoe, and the center at Borodino at the confluence of the rivers Kolocha and Voyna.

To anyone who looks at the field of Borodino without thinking of how the battle was actually fought, this position, protected by the river Kolocha, presents itself as obvious for an army whose object was to prevent an enemy from advancing along the Smolensk road to Moscow.

Napoleon, riding to Valuevo on the twenty-fourth, did not see (as the history books say he did) the position of the Russians from Utitsa to Borodino (he could not have seen that position because it did not exist), nor did he see an advanced post of the Russian army, but while pursuing the Russian rearguard he came upon the left flank of the Russian position--at the Shevardino Redoubt--and unexpectedly for the Russians moved his army across the Kolocha. And the Russians, not having time to begin a general engagement, withdrew their left wing from the position they had intended to occupy and took up a new position which had not been foreseen and was not fortified. By crossing to the other side of the Kolocha to the left of the highroad, Napoleon shifted the whole forthcoming battle from right to left (looking from the Russian side) and transferred it to the plain between Utitsa, Semenovsk, and Borodino--a plain no more

advantageous as a position than any other plain in Russia--and there the whole battle of the twenty-sixth of August took place.

Had Napoleon not ridden out on the evening of the twenty-fourth to the Kolocha, and had he not then ordered an immediate attack on the redoubt but had begun the attack next morning, no one would have doubted that the Shevardino Redoubt was the left flank of our and the battle would have taken place where we expected it. In that case we should probably have defended the Shevardino Redoubt--our left flank--still more obstinately. We should have attacked Napoleon in the center or on the right, and the engagement would have taken place on the twenty-fifth, in the position we intended and had fortified. But as the attack on our left flank took place in the evening after the retreat of our rear guard (that is, immediately after the fight at Gridneva), and as the Russian commanders did not wish, or were not in time, to begin a general engagement then on the evening of the twenty-fourth, the first and chief action of the battle of Borodino was already lost on the twenty-fourth, and obviously led to the loss of the one fought on the twenty-sixth.

After the loss of the Shevardino Redoubt, we found ourselves on the morning of the twenty-fifth without a position for our left flank, and were forced to bend it back and hastily entrench it where it chanced to be.

Not only was the Russian army on the twenty-sixth defended by weak, unfinished entrenchments, but the disadvantage of that position was increased by the fact that the Russian commanders--not having fully realized what had happened, namely the loss of our position on the left flank and the shifting of the whole field of the forthcoming battle from right to left--maintained their extended position from the village of Novoe to Utitsa, and consequently had to move their forces from right to left during the battle. So it happened that throughout the whole battle the Russians opposed the entire French army launched against our left flank with but half as many men. (Poniatowski's action against Utitsa, and Uvarov's on the right flank against the French, were actions distinct from the main course of the battle.) So the battle of Borodino did not take place at all as (in an effort to conceal our commanders' mistakes even at the cost of diminishing the glory due to the Russian army and people) it has been described. The battle of Borodino was not fought on a chosen and entrenched position with forces only slightly weaker than those of the enemy, but, as a result of the loss of the Shevardino Redoubt, the Russians fought the battle of Borodino on an open and almost unentrenched position, with forces only half as numerous as the French; that is to say, under conditions in which it was not merely unthinkable to fight for ten hours and secure an indecisive result, but unthinkable to keep an army even from complete disintegration

and flight.

CHAPTER XX

On the morning of the twenty-fifth Pierre was leaving Mozhaysk. At the descent of the high steep hill, down which a winding road led out of the town past the cathedral on the right, where a service was being held and the bells were ringing, Pierre got out of his vehicle and proceeded on foot. Behind him a cavalry regiment was coming down the hill preceded by its singers. Coming up toward him was a train of carts carrying men who had been wounded in the engagement the day before. The peasant drivers, shouting and lashing their horses, kept crossing from side to side. The carts, in each of which three or four wounded soldiers were lying or sitting, jolted over the stones that had been thrown on the steep incline to make it something like a road. The wounded, bandaged with rags, with pale cheeks, compressed lips, and knitted brows, held on to the sides of the carts as they were jolted against one another. Almost all of them stared with naive, childlike curiosity at Pierre's white hat and green swallow-tail coat.

Pierre's coachman shouted angrily at the convoy of wounded to keep to one side of the road. The cavalry regiment, as it descended the hill with its singers, surrounded Pierre's carriage and blocked the road. Pierre stopped, being pressed against the side of the cutting in which the road ran. The sunshine from behind the hill did not penetrate into the cutting and there it was cold and damp, but above Pierre's head was the bright August sunshine and the bells sounded merrily. One of the carts with wounded stopped by the side of the road close to Pierre. The driver in his bast shoes ran panting up to it, placed a stone under one of its tireless hind wheels, and began arranging the breech-band on his little horse.

One of the wounded, an old soldier with a bandaged arm who was following the cart on foot, caught hold of it with his sound hand and turned to look at Pierre.

"I say, fellow countryman! Will they set us down here or take us on to Moscow?" he asked.

Pierre was so deep in thought that he did not hear the question. He was looking now at the cavalry regiment that had met the convoy of wounded, now at the cart by which he was standing, in which two

wounded men were sitting and one was lying. One of those sitting up in the cart had probably been wounded in the cheek. His whole head was wrapped in rags and one cheek was swollen to the size of a baby's head. His nose and mouth were twisted to one side. This soldier was looking at the cathedral and crossing himself. Another, a young lad, a fair-haired recruit as white as though there was no blood in his thin face, looked at Pierre kindly, with a fixed smile. The third lay prone so that his face was not visible. The cavalry singers were passing close by:

Ah lost, quite lost... is my head so keen,
Living in a foreign land.

they sang their soldiers' dance song.

As if responding to them but with a different sort of merriment, the metallic sound of the bells reverberated high above and the hot rays of the sun bathed the top of the opposite slope with yet another sort of merriment. But beneath the slope, by the cart with the wounded near the panting little nag where Pierre stood, it was damp, somber, and sad.

The soldier with the swollen cheek looked angrily at the cavalry singers.

"Oh, the coxcombs!" he muttered reproachfully.

"It's not the soldiers only, but I've seen peasants today, too....
The peasants--even they have to go," said the soldier behind the cart, addressing Pierre with a sad smile. "No distinctions made nowadays....
They want the whole nation to fall on them--in a word, it's Moscow!
They want to make an end of it."

In spite of the obscurity of the soldier's words Pierre understood what he wanted to say and nodded approval.

The road was clear again; Pierre descended the hill and drove on.

He kept looking to either side of the road for familiar faces, but only saw everywhere the unfamiliar faces of various military men of different branches of the service, who all looked with astonishment at his white hat and green tail coat.

Having gone nearly three miles he at last met an acquaintance and eagerly addressed him. This was one of the head army doctors. He was driving toward Pierre in a covered gig, sitting beside a young surgeon, and on recognizing Pierre he told the Cossack who occupied the driver's seat to pull up.

"Count! Your excellency, how come you to be here?" asked the doctor.

"Well, you know, I wanted to see..."

"Yes, yes, there will be something to see...."

Pierre got out and talked to the doctor, explaining his intention of taking part in a battle.

The doctor advised him to apply direct to Kutuzov.

"Why should you be God knows where out of sight, during the battle?" he said, exchanging glances with his young companion. "Anyhow his Serene Highness knows you and will receive you graciously. That's what you must do."

The doctor seemed tired and in a hurry.

"You think so?... Ah, I also wanted to ask you where our position is exactly?" said Pierre.

"The position?" repeated the doctor. "Well, that's not my line. Drive past Tatarinova, a lot of digging is going on there. Go up the hillock and you'll see."

"Can one see from there?... If you would..."

But the doctor interrupted him and moved toward his gig.

"I would go with you but on my honor I'm up to here"--and he pointed to his throat. "I'm galloping to the commander of the corps. How do matters stand?... You know, Count, there'll be a battle tomorrow. Out of an army of a hundred thousand we must expect at least twenty thousand wounded, and we haven't stretchers, or bunks, or dressers, or doctors enough for six thousand. We have ten thousand carts, but we need other things as well--we must manage as best we can!"

The strange thought that of the thousands of men, young and old, who had stared with merry surprise at his hat (perhaps the very men he had noticed), twenty thousand were inevitably doomed to wounds and death amazed Pierre.

"They may die tomorrow; why are they thinking of anything but death?" And by some latent sequence of thought the descent of the Mozhaysk hill, the carts with the wounded, the ringing bells, the slanting rays of the sun, and the songs of the cavalymen vividly recurred to his mind.

"The cavalry ride to battle and meet the wounded and do not for a moment think of what awaits them, but pass by, winking at the wounded. Yet from among these men twenty thousand are doomed to die, and they wonder at my hat! Strange!" thought Pierre, continuing his way to Tatarinova.

In front of a landowner's house to the left of the road stood carriages, wagons, and crowds of orderlies and sentinels. The commander in chief was putting up there, but just when Pierre arrived he was not in and hardly any of the staff were there--they had gone to the church service. Pierre drove on toward Gorki.

When he had ascended the hill and reached the little village street, he saw for the first time peasant militiamen in their white shirts and with crosses on their caps, who, talking and laughing loudly, animated and perspiring, were at work on a huge knoll overgrown with grass to the right of the road.

Some of them were digging, others were wheeling barrowloads of earth along planks, while others stood about doing nothing.

Two officers were standing on the knoll, directing the men. On seeing these peasants, who were evidently still amused by the novelty of their position as soldiers, Pierre once more thought of the wounded men at Mozhaysk and understood what the soldier had meant when he said: "They want the whole nation to fall on them." The sight of these bearded peasants at work on the battlefield, with their queer, clumsy boots and perspiring necks, and their shirts opening from the left toward the middle, unfastened, exposing their sunburned collarbones, impressed Pierre more strongly with the solemnity and importance of the moment than anything he had yet seen or heard.

CHAPTER XXI

Pierre stepped out of his carriage and, passing the toiling militiamen, ascended the knoll from which, according to the doctor, the battlefield could be seen.

It was about eleven o'clock. The sun shone somewhat to the left and behind him and brightly lit up the enormous panorama which, rising like an amphitheater, extended before him in the clear rarefied atmosphere.

From above on the left, bisecting that amphitheater, wound the Smolensk highroad, passing through a village with a white church some five hundred paces in front of the knoll and below it. This was Borodino. Below the village the road crossed the river by a bridge and, winding down and up, rose higher and higher to the village of Valuevo visible about four miles away, where Napoleon was then stationed. Beyond Valuevo the road disappeared into a yellowing forest on the horizon. Far in the distance in that birch and fir forest to the right of the road, the cross and belfry of the Kolocha Monastery gleamed in the sun. Here and there over the whole of that blue expanse, to right and left of the forest and the road, smoking campfires could be seen and indefinite masses of troops--ours and the enemy's. The ground to the right--along the course of the Kolocha and Moskva rivers--was broken and hilly. Between the hollows the villages of Bezubova and Zakharino showed in the distance. On the left the ground was more level; there were fields of grain, and the smoking ruins of Semenovsk, which had been burned down, could be seen.

All that Pierre saw was so indefinite that neither the left nor the right side of the field fully satisfied his expectations. Nowhere could he see the battlefield he had expected to find, but only fields, meadows, troops, woods, the smoke of campfires, villages, mounds, and streams; and try as he would he could descry no military "position" in this place which teemed with life, nor could he even distinguish our troops from the enemy's.

"I must ask someone who knows," he thought, and addressed an officer who was looking with curiosity at his huge unmilitary figure.

"May I ask you," said Pierre, "what village that is in front?"

"Burdino, isn't it?" said the officer, turning to his companion.

"Borodino," the other corrected him.

The officer, evidently glad of an opportunity for a talk, moved up to Pierre.

"Are those our men there?" Pierre inquired.

"Yes, and there, further on, are the French," said the officer.

"There they are, there... you can see them."

"Where? Where?" asked Pierre.

"One can see them with the naked eye... Why, there!"

The officer pointed with his hand to the smoke visible on the left beyond the river, and the same stern and serious expression that Pierre had noticed on many of the faces he had met came into his face.

"Ah, those are the French! And over there?..." Pierre pointed to a knoll on the left, near which some troops could be seen.

"Those are ours."

"Ah, ours! And there?..." Pierre pointed to another knoll in the distance with a big tree on it, near a village that lay in a hollow where also some campfires were smoking and something black was visible.

"That's his again," said the officer. (It was the Shevardino Redoubt.) "It was ours yesterday, but now it is his."

"Then how about our position?"

"Our position?" replied the officer with a smile of satisfaction. "I can tell you quite clearly, because I constructed nearly all our entrenchments. There, you see? There's our center, at Borodino, just there," and he pointed to the village in front of them with the white church. "That's where one crosses the Kolocha. You see down there where the rows of hay are lying in the hollow, there's the bridge. That's our center. Our right flank is over there"--he pointed sharply to the right, far away in the broken ground--"That's where the Moskva River is, and we have thrown up three redoubts there, very strong ones. The left flank..." here the officer paused. "Well, you see, that's difficult to explain.... Yesterday our left flank was there at Shevardino, you see, where the oak is, but now we have withdrawn our left wing--now it is over there, do you see that village and the smoke? That's Semenovsk, yes, there," he pointed to Raevski's knoll. "But the battle will hardly be there. His having moved his troops there is only a ruse; he will probably pass round to the right of the Moskva. But wherever it may be, many a man will be missing tomorrow!" he remarked.

An elderly sergeant who had approached the officer while he was giving these explanations had waited in silence for him to finish speaking, but at this point, evidently not liking the officer's remark, interrupted him.

"Gabions must be sent for," said he sternly.

The officer appeared abashed, as though he understood that one might think of how many men would be missing tomorrow but ought not to speak

to speak of it.

"Well, send number three company again," the officer replied hurriedly.

"And you, are you one of the doctors?"

"No, I've come on my own," answered Pierre, and he went down the hill again, passing the militiamen.

"Oh, those damned fellows!" muttered the officer who followed him, holding his nose as he ran past the men at work.

"There they are... bringing her, coming... There they are... They'll be here in a minute..." voices were suddenly heard saying; and officers, soldiers, and militiamen began running forward along the road.

A church procession was coming up the hill from Borodino. First along the dusty road came the infantry in ranks, bareheaded and with arms reversed. From behind them came the sound of church singing.

Soldiers and militiamen ran bareheaded past Pierre toward the procession.

"They are bringing her, our Protectress!... The Iberian Mother of God!" someone cried.

"The Smolensk Mother of God," another corrected him.

The militiamen, both those who had been in the village and those who had been at work on the battery, threw down their spades and ran to meet the church procession. Following the battalion that marched along the dusty road came priests in their vestments--one little old man in a hood with attendants and singers. Behind them soldiers and officers bore a large, dark-faced icon with an embossed metal cover. This was the icon that had been brought from and had since accompanied the army. Behind, before, and on both sides, crowds of militiamen with bared heads walked, ran, and bowed to the ground.

At the summit of the hill they stopped with the icon; the men who had been holding it up by the linen bands attached to it were relieved by others, the chanters relit their censers, and service began. The hot rays of the sun beat down vertically and a fresh soft wind played with the hair of the bared heads and with the ribbons decorating the icon. The singing did not sound loud under the open sky. An immense crowd of bareheaded officers, soldiers, and militiamen surrounded the icon. Behind the priest and a chanter stood the

notabilities on a spot reserved for them. A bald general with general with a St. George's Cross on his neck stood just behind the priest's back, and without crossing himself (he was evidently a German) patiently awaited the end of the service, which he considered it necessary to hear to the end, probably to arouse the patriotism of the Russian people. Another general stood in a martial pose, crossing himself by shaking his hand in front of his chest while looking about him. Standing among the crowd of peasants, Pierre recognized several acquaintances among these notables, but did not look at them--his whole attention was absorbed in watching the serious expression on the faces of the crowd of soldiers and militiamen who were all gazing eagerly at the icon. As soon as the tired chanters, who were singing the service for the twentieth time that day, began lazily and mechanically to sing: "Save from calamity Thy servants, O Mother of God," and the priest and deacon chimed in: "For to Thee under God we all flee as to an inviolable bulwark and protection," there again kindled in all those faces the same expression of consciousness of the solemnity of the impending moment that Pierre had seen on the faces at the foot of the hill at Mohajsk and momentarily on many and many faces he had met that morning; and heads were bowed more frequently and hair tossed back, and sighs and the sound men made as they crossed themselves were heard.

The crowd round the icon suddenly parted and pressed against Pierre. Someone, a very important personage judging by the haste with which way was made for him, was approaching the icon.

It was Kutuzov, who had been riding round the position and on his way back to Tatarinova had stopped where the service was being held. Pierre recognized him at once by his peculiar figure, which distinguished him from everybody else.

With a long overcoat on his his exceedingly stout, round-shouldered body, with uncovered white head and puffy face showing the white ball of the eye he had lost, Kutuzov walked with plunging, swaying gait into the crowd and stopped behind the priest. He crossed himself with an accustomed movement, bent till he touched the ground with his hand, and bowed his white head with a deep sigh. Behind Kutuzov was Bennigsen and the suite. Despite the presence of the commander in chief, who attracted the attention of all the superior officers, the militiamen and soldiers continued their prayers without looking at him.

When the service was over, Kutuzov stepped up to the icon, sank heavily to his knees, bowed to the ground, and for a long time tried vainly to rise, but could not do so on account of his weakness and weight. His white head twitched with the effort. At last he rose, kissed the icon as a child does with naively pouting lips, and again

bowed till he touched the ground with his hand. The other generals followed his example, then the officers, and after them with excited faces, pressing on one another, crowding, panting, and pushing, scrambled the soldiers and militiamen.

CHAPTER XXII

Staggering amid the crush, Pierre looked about him.

"Count Peter Kirilovich! How did you get here?" said a voice.

Pierre looked round. Boris Drubetskoy, brushing his knees with his hand (he had probably soiled them when he, too, had knelt before the icon), came up to him smiling. Boris was elegantly dressed, with a slightly martial touch appropriate to a campaign. He wore a long coat and like Kutuzov had a whip slung across his shoulder.

Meanwhile Kutuzov had reached the village and seated himself in the shade of the nearest house, on a bench which one Cossack had run to fetch and another had hastily covered with a rug. An immense and brilliant suite surrounded him.

The icon was carried further, accompanied by the throng. Pierre stopped some thirty paces from Kutuzov, talking to Boris.

He explained his wish to be present at the battle and to see the position.

"This is what you must do," said Boris. "I will do the honors of the camp to you. You will see everything best from where Count Bennigsen will be. I am in attendance on him, you know; I'll mention it to him. But if you want to ride round the position, come along with us. We are just going to the left flank. Then when we get back, do spend the night with me and we'll arrange a game of cards. Of course you know Dmitri Sergeevich? Those are his quarters," and he pointed to the third house in the village of Gorki.

"But I should like to see the right flank. They say it's very strong," said Pierre. "I should like to start from the Moskva River and ride round the whole position."

"Well, you can do that later, but the chief thing is the left flank."

"Yes, yes. But where is Prince Bolkonski's regiment? Can you point it out to me?"

"Prince Andrew's? We shall pass it and I'll take you to him."

"What about the left flank?" asked Pierre

"To tell you the truth, between ourselves, God only knows what state our left flank is in," said Boris confidentially lowering his voice.

"It is not at all what Count Bennigsen intended. He meant to fortify that knoll quite differently, but..." Boris shrugged his shoulders, "his Serene Highness would not have it, or someone persuaded him. You see..." but Boris did not finish, for at that moment Kaysarov, Kutuzov's adjutant, came up to Pierre. "Ah, Kaysarov!" said Boris, addressing him with an unembarrassed smile, "I was just trying to explain our position to the count. It is amazing how his Serene Highness could so the intentions of the French!"

"You mean the left flank?" asked Kaysarov.

"Yes, exactly; the left flank is now extremely strong."

Though Kutuzov had dismissed all unnecessary men from the staff, Boris had contrived to remain at headquarters after the changes. He had established himself with Count Bennigsen, who, like all on whom Boris had been in attendance, considered young Prince Drubetskoy an invaluable man.

In the higher command there were two sharply defined parties: Kutuzov's party and that of Bennigsen, the chief of staff. Boris belonged to the latter and no one else, while showing servile respect to Kutuzov, could so create an impression that the old fellow was not much good and that Bennigsen managed everything. Now the decisive moment of battle had come when Kutuzov would be destroyed and the power pass to Bennigsen, or even if Kutuzov won the battle it would be felt that everything was done by Bennigsen. In any case many great rewards would have to be given for tomorrow's action, and new men would come to the front. So Boris was full of nervous vivacity all day.

After Kaysarov, others whom Pierre knew came up to him, and he had not time to reply to all the questions about Moscow that were showered upon him, or to listen to all that was told him. The faces all expressed animation and apprehension, but it seemed to Pierre that the cause of the excitement shown in some of these faces lay chiefly in questions of personal success; his mind, however, was occupied by

the different expression he saw on other faces--an expression that spoke not of personal matters but of the universal questions of life and death. Kutuzov noticed Pierre's figure and the group gathered round him.

"Call him to me," said Kutuzov.

An adjutant told Pierre of his Serene Highness' wish, and Pierre went toward Kutuzov's bench. But a militiaman got there before him. It was Dolokhov.

"How did that fellow get here?" asked Pierre.

"He's a creature that wriggles in anywhere!" was the answer. "He has been degraded, you know. Now he wants to bob up again. He's been proposing some scheme or other and has crawled into the enemy's picket line at night.... He's a brave fellow."

Pierre took off his hat and bowed respectfully to Kutuzov.

"I concluded that if I reported to your Serene Highness you might send me away or say that you knew what I was reporting, but then I shouldn't lose anything..." Dolokhov was saying.

"Yes, yes."

"But if I were right, I should be rendering a service to my Fatherland for which I am ready to die."

"Yes, yes."

"And should your Serene Highness require a man who will not spare his skin, please think of me.... Perhaps I may prove useful to your Serene Highness."

"Yes... Yes..." Kutuzov repeated, his laughing eye narrowing more and more as he looked at Pierre.

Just then Boris, with his courtierlike adroitness, stepped up to Pierre's side near Kutuzov and in a most natural manner, without raising his voice, said to Pierre, as though continuing an interrupted conversation:

"The militia have put on clean white shirts to be ready to die. What heroism, Count!"

Boris evidently said this to Pierre in order to be overheard by his Serene Highness. He knew Kutuzov's attention would be caught by

those words, and so it was.

"What are you saying about the militia?" he asked Boris.

"Preparing for tomorrow, your Serene Highness--for death--they have put on clean shirts."

"Ah... a wonderful, a matchless people!" said Kutuzov; and he closed his eyes and swayed his head. "A matchless people!" he repeated with a sigh.

"So you want to smell gunpowder?" he said to Pierre. "Yes, it's a pleasant smell. I have the honor to be one of your wife's adorers. Is she well? My quarters are at your service."

And as often happens with old people, Kutuzov began looking about absent-mindedly as if forgetting all he wanted to say or do.

Then, evidently remembering what he wanted, he beckoned to Andrew Kaysarov, his adjutant's brother.

"Those verses... those verses of Marin's... how do they go, eh? Those he wrote about Gerakov: 'Lectures for the corps inditing'... Recite them, recite them!" said he, evidently preparing to laugh.

Kaysarov recited.... Kutuzov smilingly nodded his head to the rhythm of the verses.

When Pierre had left Kutuzov, Dolokhov came up to him and took his hand.

"I am very glad to meet you here, Count," he said aloud, regardless of the presence of strangers and in a particularly resolute and solemn tone. "On the eve of a day when God alone knows who of us is fated to survive, I am glad of this opportunity to tell you that I regret the misunderstandings that occurred between us and should wish you not to have any ill feeling for me. I beg you to forgive me."

Pierre looked at Dolokhov with a smile, not knowing what to say to him. With tears in his eyes Dolokhov embraced Pierre and kissed him.

Boris said a few words to his general, and Count Bennigsen turned to Pierre and proposed that he should ride with him along the line.

"It will interest you," said he.

"Yes, very much," replied Pierre.

Half an hour later Kutuzov left for Tatarinova, and Bennigsen and his suite, with Pierre among them, set out on their ride along the line.

CHAPTER XXIII

From Gorki, Bennigsen descended the highroad to the bridge which, when they had looked it from the hill, the officer had pointed out as being the center of our position and where rows of fragrant new-mown hay lay by the riverside. They rode across that bridge into the village of Borodino and thence turned to the left, passing an enormous number of troops and guns, and came to a high knoll where militiamen were digging. This was the redoubt, as yet unnamed, which afterwards became known as the Raevski Redoubt, or the Knoll Battery, but Pierre paid no special attention to it. He did not know that it would become more memorable to him than any other spot on the plain of Borodino.

They then crossed the hollow to Semenovsk, where the soldiers were dragging away the last logs from the huts and barns. Then they rode downhill and uphill, across a ryefield trodden and beaten down as if by hail, following a track freshly made by the artillery over the furrows of the plowed land, and reached some fleches* which were still being dug.

*A kind of entrenchment.

At the fleches Bennigsen stopped and began looking at the Shevardino Redoubt opposite, which had been ours the day before and where several horsemen could be descried. The officers said that either Napoleon or Murat was there, and they all gazed eagerly at this little group of horsemen. Pierre also looked at them, trying to guess which of the scarcely discernible figures was Napoleon. At last those mounted men rode away from the mound and disappeared.

Bennigsen spoke to a general who approached him, and began explaining the whole position of our troops. Pierre listened to him, straining each faculty to understand the essential points of the impending battle, but was mortified to feel that his mental capacity was inadequate for the task. He could make nothing of it. Bennigsen stopped speaking and, noticing that Pierre was listening, suddenly

said to him:

"I don't think this interests you?"

"On the contrary it's very interesting!" replied Pierre not quite truthfully.

From the fleches they rode still farther to the left, along a road winding through a thick, low-growing birch wood. In the middle of the wood a brown hare with white feet sprang out and, scared by the tramp of the many horses, grew so confused that it leaped along the road in front of them for some time, arousing general attention and laughter, and only when several voices shouted at it did it dart to one side and disappear in the thicket. After going through the wood for about a mile and a half they came out on a glade where troops of Tuchkov's corps were stationed to defend the left flank.

Here, at the extreme left flank, Bennigsen talked a great deal and with much heat, and, as it seemed to Pierre, gave orders of great military importance. In front of Tuchkov's troops was some high ground not occupied by troops. Bennigsen loudly criticized this mistake, saying that it was madness to leave a height which commanded the country around unoccupied and to place troops below it. Some of the generals expressed the same opinion. One in particular declared with martial heat that they were put there to be slaughtered. Bennigsen on his own authority ordered the troops to occupy the high ground. This disposition on the left flank increased Pierre's doubt of his own capacity to understand military matters. Listening to Bennigsen and the generals criticizing the position of the troops behind the hill, he quite understood them and shared their opinion, but for that very reason he could not understand how the man who put them there behind the hill could have made so gross and palpable a blunder.

Pierre did not know that these troops were not, as Bennigsen supposed, put there to defend the position, but were in a concealed position as an ambush, that they should not be seen and might be able to strike an approaching enemy unexpectedly. Bennigsen did not know this and moved the troops forward according to his own ideas without mentioning the matter to the commander in chief.

CHAPTER XXIV

On that bright evening of August 25, Prince Andrew lay leaning on

his elbow in a broken-down shed in the village of Knyazkovo at the further end of his regiment's encampment. Through a gap in the broken wall he could see, beside the wooden fence, a row of thirty year-old birches with their lower branches lopped off, a field on which shocks of oats were standing, and some bushes near which rose the smoke of campfires--the soldiers' kitchens.

Narrow and burdensome and useless to anyone as his life now seemed to him, Prince Andrew on the eve of battle felt agitated and irritable as he had done seven years before at Austerlitz.

He had received and given the orders for next day's battle and had nothing more to do. But his thoughts--the simplest, clearest, and therefore most terrible thoughts--would give him no peace. He knew that tomorrow's battle would be the most terrible of all he had taken part in, and for the first time in his life the possibility of death presented itself to him--not in relation to any worldly matter or with reference to its effect on others, but simply in relation to himself, to his own soul--vividly, plainly, terribly, and almost as a certainty. And from the height of this perception all that had previously tormented and preoccupied him suddenly became illumined by a cold white light without shadows, without perspective, without distinction of outline. All life appeared to him like magic-lantern pictures at which he had long been gazing by artificial light through a glass. Now he suddenly saw those badly daubed pictures in clear daylight and without a glass. "Yes, yes! There they are, those false images that agitated, enraptured, and tormented me," said he to himself, passing in review the principal pictures of the magic lantern of life and regarding them now in the cold white daylight of his clear perception of death. "There they are, those rudely painted figures that once seemed splendid and mysterious. Glory, the good of society, love of a woman, the Fatherland itself--how important these pictures appeared to me, with what profound meaning they seemed to be filled! And it is all so simple, pale, and crude in the cold white light of this morning which I feel is dawning for me." The three great sorrows of his life held his attention in particular: his love for a woman, his father's death, and the French invasion which had overrun half Russia. "Love... that little girl who seemed to me brimming over with mystic forces! Yes, indeed, I loved her. I made romantic plans of love and happiness with her! Oh, what a boy I was!" he said aloud bitterly. "Ah me! I believed in some ideal love which was to keep her faithful to me for the whole year of my absence! Like the gentle dove in the fable she was to pine apart from me.... But it was much simpler really.... It was all very simple and horrible."

"When my father built Bald Hills he thought the place was his: his land, his air, his peasants. But Napoleon came and swept him aside,

unconscious of his existence, as he might brush a chip from his path, and his Bald Hills and his whole life fell to pieces. Princess Mary says it is a trial sent from above. What is the trial for, when he is not here and will never return? He is not here! For whom then is the trial intended? The Fatherland, the destruction of Moscow! And tomorrow I shall be killed, perhaps not even by a Frenchman but by one of our own men, by a soldier discharging a musket close to my ear as one of them did yesterday, and the French will come and take me by head and heels and fling me into a hole that I may not stink under their noses, and new conditions of life will arise, which will seem quite ordinary to others and about which I shall know nothing. I shall not exist..."

He looked at the row of birches shining in the sunshine, with their motionless green and yellow foliage and white bark. "To die... to be killed tomorrow... That I should not exist... That all this should still be, but no me...."

And the birches with their light and shade, the curly clouds, the smoke of the campfires, and all that was around him changed and seemed terrible and menacing. A cold shiver ran down his spine. He rose quickly, went out of the shed, and began to walk about.

After he had returned, voices were heard outside the shed. "Who's that?" he cried.

The red-nosed Captain Timokhin, formerly Dolokhov's squadron commander, but now from lack of officers a battalion commander,

shyly entered the shed followed by an adjutant and the regimental paymaster.

Prince Andrew rose hastily, listened to the business they had come about, gave them some further instructions, and was about to dismiss them when he heard a familiar, lisping, voice behind the shed.

"Devil take it!" said the voice of a man stumbling over something.

Prince Andrew looked out of the shed and saw Pierre, who had tripped over a pole on the ground and had nearly fallen, coming his way. It was unpleasant to Prince Andrew to meet people of his own set in general, and Pierre especially, for he reminded him of all the painful moments of his last visit to Moscow.

"You? What a surprise!" said he. "What brings you here? This is unexpected!"

As he said this his eyes and face expressed more than coldness--they

expressed hostility, which Pierre noticed at once. He had approached the shed full of animation, but on seeing Prince Andrew's face he felt constrained and ill at ease.

"I have come... simply... you know... come... it interests me," said Pierre, who had so often that day senselessly repeated that word "interesting." "I wish to see the battle."

"Oh yes, and what do the Masonic brothers say about war? How would they stop it?" said Prince Andrew sarcastically. "Well, and how's Moscow? And my people? Have they reached Moscow at last?" he asked seriously.

"Yes, they have. Julie Drubetskaya told me so. I went to see them, but missed them. They have gone to your estate near Moscow."

CHAPTER XXV

The officers were about to take leave, but Prince Andrew, apparently reluctant to be left alone with his friend, asked them to stay and have tea. Seats were brought in and so was the tea. The officers gazed with surprise at Pierre's huge stout figure and listened to his talk of Moscow and the position of our army, round which he had ridden. Prince Andrew remained silent, and his expression was so forbidding that Pierre addressed his remarks chiefly to the good-natured battalion commander.

"So you understand the whole position of our troops?" Prince Andrew interrupted him.

"Yes--that is, how do you mean?" said Pierre. "Not being a military man I can't say I have understood it fully, but I understand the general position."

"Well, then, you know more than anyone else, be it who it may," said Prince Andrew.

"Oh!" said Pierre, looking over his spectacles in perplexity at Prince Andrew. "Well, and what do think of Kutuzov's appointment?" he asked.

"I was very glad of his appointment, that's all I know," replied Prince Andrew.

"And tell me your opinion of Barclay de Tolly. In Moscow they are saying heaven knows what about him.... What do you think of him?"

"Ask them," replied Prince Andrew, indicating the officers.

Pierre looked at Timokhin with the condescendingly interrogative smile with which everybody involuntarily addressed that officer.

"We see light again, since his Serenity has been appointed, your excellency," said Timokhin timidly, and continually turning to glance at his colonel.

"Why so?" asked Pierre.

"Well, to mention only firewood and fodder, let me inform you. Why, when we were retreating from Sventsyani we dare not touch a stick or a wisp of hay or anything. You see, we were going away, so he would get it all; wasn't it so, your excellency?" and again Timokhin turned to the prince. "But we daren't. In our regiment two officers were court-martialed for that kind of thing. But when his Serenity took command everything became straight forward. Now we see light..."

"Then why was it forbidden?"

Timokhin looked about in confusion, not knowing what or how to answer such a question. Pierre put the same question to Prince Andrew.

"Why, so as not to lay waste the country we were abandoning to the enemy," said Prince Andrew with venomous irony. "It is very sound: one can't permit the land to be pillaged and accustom the troops to marauding. At Smolensk too he judged correctly that the French might outflank us, as they had larger forces. But he could not understand this," cried Prince Andrew in a shrill voice that seemed to escape him involuntarily: "he could not understand that there, for the first time, we were fighting for Russian soil, and that there was a spirit in the men such as I had never seen before, that we had held the French for two days, and that that success had increased our strength tenfold. He ordered us to retreat, and all our efforts and losses went for nothing. He had no thought of betraying us, he tried to do the best he could, he thought out everything, and that is why he is unsuitable. He is unsuitable now, just because he plans out everything very thoroughly and accurately as every German has to. How can I explain?... Well, say your father has a German valet, and he is a splendid valet and satisfies your father's requirements better than you could, then it's all right to let him serve. But if your father is mortally sick you'll send the valet away and attend to your father with your own unpracticed, awkward hands, and will

soothe him better than a skilled man who is a stranger could. So it has been with Barclay. While Russia was well, a foreigner could serve her and be a splendid minister; but as soon as she is in danger she needs one of her own kin. But in your Club they have been making him out a traitor! They slander him as a traitor, and the only result will be that afterwards, ashamed of their false accusations, they will make him out a hero or a genius instead of a traitor, and that will be still more unjust. He is an honest and very punctilious German."

"And they say he's a skillful commander," rejoined Pierre.

"I don't understand what is meant by 'a skillful commander,'" replied Prince Andrew ironically.

"A skillful commander?" replied Pierre. "Why, one who foresees all contingencies... and foresees the adversary's intentions."

"But that's impossible," said Prince Andrew as if it were a matter settled long ago.

Pierre looked at him in surprise.

"And yet they say that war is like a game of chess?" he remarked.

"Yes," replied Prince Andrew, "but with this little difference, that in chess you may think over each move as long as you please and are not limited for time, and with this difference too, that a knight is always stronger than a pawn, and two pawns are always stronger than one, while in war a battalion is sometimes stronger than a division and sometimes weaker than a company. The relative strength of bodies of troops can never be known to anyone. Believe me," he went on, "if things depended on arrangements made by the staff, I should be there making arrangements, but instead of that I have the honor to serve here in the regiment with these gentlemen, and I consider that on us tomorrow's battle will depend and not on those others.... Success never depends, and never will depend, on position, or equipment, or even on numbers, and least of all on position."

"But on what then?"

"On the feeling that is in me and in him," he pointed to Timokhin, "and in each soldier."

Prince Andrew glanced at Timokhin, who looked at his commander in alarm and bewilderment. In contrast to his former reticent taciturnity Prince Andrew now seemed excited. He could apparently not refrain from expressing the thoughts that had suddenly occurred to him.

"A battle is won by those who firmly resolve to win it! Why did we lose the battle at Austerlitz? The French losses were almost equal to ours, but very early we said to ourselves that we were losing the battle, and we did lose it. And we said so because we had nothing to fight for there, we wanted to get away from the battlefield as soon as we could. 'We've lost, so let us run,' and we ran. If we had not said that till the evening, heaven knows what might not have happened. But tomorrow we shan't say it! You talk about our position, the left flank weak and the right flank too extended," he went on. "That's all nonsense, there's nothing of the kind. But what awaits us tomorrow? A hundred million most diverse chances which will be decided on the instant by the fact that our men or theirs run or do not run, and that this man or that man is killed, but all that is being done at present is only play. The fact is that those men with whom you have ridden round the position not only do not help matters, but hinder. They are only concerned with their own petty interests."

"At such a moment?" said Pierre reproachfully.

"At such a moment!" Prince Andrew repeated. "To them it is only a moment affording opportunities to undermine a rival and obtain an extra cross or ribbon. For me tomorrow means this: a Russian army of a hundred thousand and a French army of a hundred thousand have met to fight, and the thing is that these two hundred thousand men will fight and the side that fights more fiercely and spares itself least will win. And if you like I will tell you that whatever happens and whatever muddles those at the top may make, we shall win tomorrow's battle. Tomorrow, happen what may, we shall win!"

"There now, your excellency! That's the truth, the real truth," said Timokhin. "Who would spare himself now? The soldiers in my battalion, believe me, wouldn't drink their vodka! 'It's not the day for that!' they say."

All were silent. The officers rose. Prince Andrew went out of the shed with them, giving final orders to the adjutant. After they had gone Pierre approached Prince Andrew and was about to start a conversation when they heard the clatter of three horses' hoofs on the road not far from the shed, and looking in that direction Prince Andrew recognized Wolzogen and Clausewitz accompanied by a Cossack. They rode close by continuing to converse, and Prince Andrew involuntarily heard these words:

"Der Krieg muss in Raum verlegt werden. Der Ansicht kann ich nicht genug Preis geben,"* said one of them.

*"The war must be extended widely. I cannot sufficiently commend that view."

"Oh, ja," said the other, "der Zweck ist nur den Feind zu schwachen, so kann man gewiss nicht den Verlust der Privat-Personen in Achtung nehmen."*

*"Oh, yes, the only aim is to weaken the enemy, so of course one cannot take into account the loss of private individuals."

"Oh, no," agreed the other.

"Extend widely!" said Prince Andrew with an angry snort, when they had ridden past. "In that 'extend' were my father, son, and sister, at Bald Hills. That's all the same to him! That's what I was saying to you--those German gentlemen won't win the battle tomorrow but will only make all the mess they can, because they have nothing in their German heads but theories not worth an empty eggshell and haven't in their hearts the one thing needed tomorrow--that which Timokhin has. They have yielded up all Europe to him, and have now come to teach us. Fine teachers!" and again his voice grew shrill.

"So you think we shall win tomorrow's battle?" asked Pierre.

"Yes, yes," answered Prince Andrew absently. "One thing I would do

if I had the power," he began again, "I would not take prisoners. Why take prisoners? It's chivalry! The French have destroyed my home and are on their way to destroy Moscow, they have outraged and are outraging me every moment. They are my enemies. In my opinion they are all criminals. And so thinks Timokhin and the whole army. They should be executed! Since they are my foes they cannot be my friends, whatever may have been said at Tilsit."

"Yes, yes," muttered Pierre, looking with shining eyes at Prince Andrew. "I quite agree with you!"

The question that had perturbed Pierre on the Mozhaysk hill and all that day now seemed to him quite clear and completely solved. He now understood the whole meaning and importance of this war and of the impending battle. All he had seen that day, all the significant and stern expressions on the faces he had seen in passing, were lit up for him by a new light. He understood that latent heat (as they say in physics) of patriotism which was present in all these men he had seen, and this explained to him why they all prepared for death calmly,

and as it were lightheartedly.

"Not take prisoners," Prince Andrew continued: "That by itself would quite change the whole war and make it less cruel. As it is we have played at war--that's what's vile! We play at magnanimity and all that stuff. Such magnanimity and sensibility are like the magnanimity and sensibility of a lady who faints when she sees a calf being killed: she is so kind-hearted that she can't look at blood, but enjoys eating the calf served up with sauce. They talk to us of the rules of war, of chivalry, of flags of truce, of mercy to the unfortunate and so on. It's all rubbish! I saw chivalry and flags of truce in 1805; they humbugged us and we humbugged them. They plunder other people's houses, issue false paper money, and worst of all they kill my children and my father, and then talk of rules of war and magnanimity to foes! Take no prisoners, but kill and be killed! He who has come to this as I have through the same sufferings..."

Prince Andrew, who had thought it was all the same to him whether or not Moscow was taken as Smolensk had been, was suddenly checked in his speech by an unexpected cramp in his throat. He paced up and down a few times in silence, but his eyes glittered feverishly and his lips quivered as he began speaking.

"If there was none of this magnanimity in war, we should go to war only when it was worth while going to certain death, as now. Then there would not be war because Paul Ivanovich had offended Michael Ivanovich. And when there was a war, like this one, it would be war! And then the determination of the troops would be quite different. Then all these Westphalians and Hessians whom Napoleon is leading would not follow him into Russia, and we should not go to fight in Austria and Prussia without knowing why. War is not courtesy but the most horrible thing in life; and we ought to understand that and not play at war. We ought to accept this terrible necessity sternly and seriously. It all lies in that: get rid of falsehood and let war be war and not a game. As it is now, war is the favorite pastime of the idle and frivolous. The military calling is the most highly honored.

"But what is war? What is needed for success in warfare? What are the habits of the military? The aim of war is murder; the methods of war are spying, treachery, and their encouragement, the ruin of a country's inhabitants, robbing them or stealing to provision the army, and fraud and falsehood termed military craft. The habits of the military class are the absence of freedom, that is, discipline, idleness, ignorance, cruelty, debauchery, and drunkenness. And in spite of all this it is the highest class, respected by everyone. All the kings, except the Chinese, wear military uniforms, and he who kills most people receives the highest rewards.

"They meet, as we shall meet tomorrow, to murder one another; they kill and maim tens of thousands, and then have thanksgiving services for having killed so many people (they even exaggerate the number), and they announce a victory, supposing that the more people they have killed the greater their achievement. How does God above look at them and hear them?" exclaimed Prince Andrew in a shrill, piercing voice. "Ah, my friend, it has of late become hard for me to live. I see that I have begun to understand too much. And it doesn't do for man to taste of the tree of knowledge of good and evil.... Ah, well, it's not for long!" he added.

"However, you're sleepy, and it's time for me to sleep. Go back to Gorki!" said Prince Andrew suddenly.

"Oh no!" Pierre replied, looking at Prince Andrew with frightened, compassionate eyes.

"Go, go! Before a battle one must have one's sleep out," repeated Prince Andrew.

He came quickly up to Pierre and embraced and kissed him. "Good-by, be off!" he shouted. "Whether we meet again or not..." and turning away hurriedly he entered the shed.

It was already dark, and Pierre could not make out whether the expression of Prince Andrew's face was angry or tender.

For some time he stood in silence considering whether he should follow him or go away. "No, he does not want it!" Pierre concluded. "And I know that this is our last meeting!" He sighed deeply and rode back to Gorki.

On re-entering the shed Prince Andrew lay down on a rug, but he could not sleep.

He closed his eyes. One picture succeeded another in his imagination. On one of them he dwelt long and joyfully. He vividly recalled an evening in Petersburg. Natasha with animated and excited face was telling him how she had gone to look for mushrooms the previous summer and had lost her way in the big forest. She incoherently described the depths of the forest, her feelings, and a talk with a beekeeper she met, and constantly interrupted her story to say: "No, I can't! I'm not telling it right; no, you don't understand," though he encouraged her by saying that he did understand, and he really had understood all she wanted to say. But Natasha was not satisfied with her own words: she felt that they did not convey the passionately poetic feeling she had experienced that day and wished to convey. "He was such a delightful old man, and it

was so dark in the forest... and he had such kind... No, I can't describe it," she had said, flushed and excited. Prince Andrew smiled now the same happy smile as then when he had looked into her eyes. "I understood her," he thought. "I not only understood her, but it was just that inner, spiritual force, that sincerity, that frankness of soul--that very soul of hers which seemed to be fettered by her body--it was that soul I loved in her... loved so strongly and happily..." and suddenly he remembered how his love had ended. "He did not need anything of that kind. He neither saw nor understood anything of the sort. He only saw in her a pretty and fresh young girl, with whom he did not deign to unite his fate. And I?... and he is still alive and gay!"

Prince Andrew jumped up as if someone had burned him, and again began pacing up and down in front of the shed.

CHAPTER XXVI

On August 25, the eve of the battle of Borodino, M. de Beausset, prefect of the French Emperor's palace, arrived at Napoleon's quarters at Valuevo with Colonel Fabvier, the former from Paris and the latter from Madrid.

Donning his court uniform, M. de Beausset ordered a box he had brought for the Emperor to be carried before him and entered the first compartment of Napoleon's tent, where he began opening the box while conversing with Napoleon's aides-de-camp who surrounded him.

Fabvier, not entering the tent, remained at the entrance talking to some generals of his acquaintance.

The Emperor Napoleon had not yet left his bedroom and was finishing his toilet. Slightly snorting and grunting, he presented now his back and now his plump hairy chest to the brush with which his valet was rubbing him down. Another valet, with his finger over the mouth of a bottle, was sprinkling Eau de Cologne on the Emperor's pampered body with an expression which seemed to say that he alone knew where and how much Eau de Cologne should be sprinkled. Napoleon's short hair was wet and matted on the forehead, but his face, though puffy and yellow, expressed physical satisfaction. "Go on, harder, go on!" he muttered to the valet who was rubbing him, slightly twitching and grunting. An aide-de-camp, who had entered the bedroom to report to the Emperor the number of prisoners taken in

yesterday's action, was standing by the door after delivering his message, awaiting permission to withdraw. Napoleon, frowning, looked at him from under his brows.

"No prisoners!" said he, repeating the aide-de-camp's words. "They are forcing us to exterminate them. So much the worse for the Russian army.... Go on... harder, harder!" he muttered, hunching his back and presenting his fat shoulders.

"All right. Let Monsieur de Beausset enter, and Fabvier too," he said, nodding to the aide-de-camp.

"Yes, sire," and the aide-de-camp disappeared through the door of the tent.

Two valets rapidly dressed His Majesty, and wearing the blue uniform of the Guards he went with firm quick steps to the reception room.

De Beausset's hands meanwhile were busily engaged arranging the present he had brought from the Empress, on two chairs directly in front of the entrance. But Napoleon had dressed and come out with such unexpected rapidity that he had not time to finish arranging the surprise.

Napoleon noticed at once what they were about and guessed that they were not ready. He did not wish to deprive them of the pleasure of giving him a surprise, so he pretended not to see de Beausset and called Fabvier to him, listening silently and with a stern frown to what Fabvier told him of the heroism and devotion of his troops fighting at Salamanca, at the other end of Europe, with but one thought--to be worthy of their Emperor--and but one fear--to fail to please him. The result of that battle had been deplorable. Napoleon made ironic remarks during Fabvier's account, as if he had not expected that matters could go otherwise in his absence.

"I must make up for that in Moscow," said Napoleon. "I'll see you later," he added, and summoned de Beausset, who by that time had prepared the surprise, having placed something on the chairs and covered it with a cloth.

De Beausset bowed low, with that courtly French bow which only the old retainers of the Bourbons knew how to make, and approached him, presenting an envelope.

Napoleon turned to him gaily and pulled his ear.

"You have hurried here. I am very glad. Well, what is Paris saying?" he asked, suddenly changing his former stern expression for a most

cordial tone.

"Sire, all Paris regrets your absence," replied de Beausset as was proper.

But though Napoleon knew that de Beausset had to say something of this kind, and though in his lucid moments he knew it was untrue, he was pleased to hear it from him. Again he honored him by touching his ear.

"I am very sorry to have made you travel so far," said he.

"Sire, I expected nothing less than to find you at the gates of Moscow," replied de Beausset.

Napoleon smiled and, lifting his head absentmindedly, glanced to the right. An aide-de-camp approached with gliding steps and offered him a gold snuffbox, which he took.

"Yes, it has happened luckily for you," he said, raising the open snuffbox to his nose. "You are fond of travel, and in three days you will see Moscow. You surely did not expect to see that Asiatic capital. You will have a pleasant journey."

De Beausset bowed gratefully at this regard for his taste for travel (of which he had not till then been aware).

"Ha, what's this?" asked Napoleon, noticing that all the courtiers were looking at something concealed under a cloth.

With courtly adroitness de Beausset half turned and without turning his back to the Emperor retired two steps, twitching off the cloth at the same time, and said:

"A present to Your Majesty from the Empress."

It was a portrait, painted in bright colors by Gerard, of the son borne to Napoleon by the daughter of the Emperor of Austria, the boy whom for some reason everyone called "The King of Rome."

A very pretty curly-headed boy with a look of the Christ in the Sistine Madonna was depicted playing at stick and ball. The ball represented the terrestrial globe and the stick in his other hand a scepter.

Though it was not clear what the artist meant to express by depicting the so-called King of Rome spiking the earth with a stick, the allegory apparently seemed to Napoleon, as it had done to all

who had seen it in Paris, quite clear and very pleasing.

"The King of Rome!" he said, pointing to the portrait with a graceful gesture. "Admirable!"

With the natural capacity of an Italian for changing the expression of his face at will, he drew nearer to the portrait and assumed a look of pensive tenderness. He felt that what he now said and did would be historical, and it seemed to him that it would now be best for him--whose grandeur enabled his son to play stick and ball with the terrestrial globe--to show, in contrast to that grandeur, the simplest paternal tenderness. His eyes grew dim, he moved forward, glanced round at a chair (which seemed to place itself under him), and sat down on it before the portrait. At a single gesture from him everyone went out on tiptoe, leaving the great man to himself and his emotion.

Having sat still for a while he touched--himself not knowing why--the thick spot of paint representing the highest light in the portrait, rose, and recalled de Beausset and the officer on duty. He ordered the portrait to be carried outside his tent, that the Old Guard, stationed round it, might not be deprived of the pleasure of seeing the King of Rome, the son and heir of their adored monarch.

And while he was doing M. de Beausset the honor of breakfasting with him, they heard, as Napoleon had anticipated, the rapturous cries of the officers and men of the Old Guard who had run up to see the portrait.

"Vive l'Empereur! Vive le roi de Rome! Vive l'Empereur!" came those ecstatic cries.

After breakfast Napoleon in de Beausset's presence dictated his order of the day to the army.

"Short and energetic!" he remarked when he had read over the proclamation which he had dictated straight off without corrections. It ran:

Soldiers! This is the battle you have so longed for. Victory depends on you. It is essential for us; it will give us all we need: comfortable quarters and a speedy return to our country. Behave as you did at Austerlitz, Friedland, Vitebsk, and Smolensk. Let our remotest posterity recall your achievements this day with pride. Let it be said of each of you: "He was in the great battle before Moscow!"

"Before Moscow!" repeated Napoleon, and inviting M. de Beausset, who was so fond of travel, to accompany him on his ride, he went out of the tent to where the horses stood saddled.

"Your Majesty is too kind!" replied de Beausset to the invitation to accompany the Emperor; he wanted to sleep, did not know how to ride and was afraid of doing so.

But Napoleon nodded to the traveler, and de Beausset had to mount. When Napoleon came out of the tent the shouting of the Guards before his son's portrait grew still louder. Napoleon frowned.

"Take him away!" he said, pointing with a gracefully majestic gesture to the portrait. "It is too soon for him to see a field of battle."

De Beausset closed his eyes, bowed his head, and sighed deeply, to indicate how profoundly he valued and comprehended the Emperor's words.

CHAPTER XXVII

On the twenty-fifth of August, so his historians tell us, Napoleon spent the whole day on horseback inspecting the locality, considering plans submitted to him by his marshals, and personally giving commands to his generals.

The original line of the Russian forces along the river Kolocha had been dislocated by the capture of the Shevardino Redoubt on the twenty-fourth, and part of the line--the left flank--had been drawn back. That part of the line was not entrenched and in front of it the ground was more open and level than elsewhere. It was evident to anyone, military or not, that it was here the French should attack. It would seem that not much consideration was needed to reach this conclusion, nor any particular care or trouble on the part of the Emperor and his marshals, nor was there any need of that special and supreme quality called genius that people are so apt to ascribe to Napoleon; yet the historians who described the event later and the men who then surrounded Napoleon, and he himself, thought otherwise.

Napoleon rode over the plain and surveyed the locality with a profound air and in silence, nodded with approval or shook his head dubiously, and without communicating to the generals around him the

profound course of ideas which guided his decisions merely gave them his final conclusions in the form of commands. Having listened to a suggestion from Davout, who was now called Prince d'Eckmuhl, to turn the Russian left wing, Napoleon said it should not be done, without explaining why not. To a proposal made by General Campan (who was to attack the fleches) to lead his division through the woods, Napoleon agreed, though the so-called Duke of Elchingen (Ney) ventured to remark that a movement through the woods was dangerous and might disorder the division.

Having inspected the country opposite the Shevardino Redoubt, Napoleon pondered a little in silence and then indicated the spots where two batteries should be set up by the morrow to act against the Russian entrenchments, and the places where, in line with them, the field artillery should be placed.

After giving these and other commands he returned to his tent, and the dispositions for the battle were written down from his dictation.

These dispositions, of which the French historians write with enthusiasm and other historians with profound respect, were as follows:

At dawn the two new batteries established during the night on the plain occupied by the Prince d'Eckmuhl will open fire on the opposing batteries of the enemy.

At the same time the commander of the artillery of the 1st Corps, General Perneti, with thirty cannon of Campan's division and all the howitzers of Dessaix's and Friant's divisions, will move forward, open fire, and overwhelm with shellfire the enemy's battery, against which will operate:

24 guns of the artillery of the Guards

30 guns of Campan's division

and 8 guns of Friant's and Dessaix's divisions

--

in all 62 guns.

The commander of the artillery of the 3rd Corps, General Fouche, will place the howitzers of the 3rd and 8th Corps, sixteen in all, on the flanks of the battery that is to bombard the entrenchment on the left, which will have forty guns in all directed against it.

General Sorbier must be ready at the first order to advance with all the howitzers of the Guard's artillery against either one or other of the entrenchments.

During the cannonade Prince Poniatowski is to advance through the wood on the village and turn the enemy's position.

General Campan will move through the wood to seize the first fortification.

After the advance has begun in this manner, orders will be given in accordance with the enemy's movements.

The cannonade on the left flank will begin as soon as the guns of the right wing are heard. The sharpshooters of Morand's division and of the vice-King's division will open a heavy fire on seeing the attack commence on the right wing.

The vice-King will occupy the village and cross by its three bridges, advancing to the same heights as Morand's and Gibrard's divisions, which under his leadership will be directed against the redoubt and come into line with the rest of the forces.

All this must be done in good order (*le tout se fera avec ordre et methode*) as far as possible retaining troops in reserve.

The Imperial Camp near Mozhaysk,
September, 6, 1812.

These dispositions, which are very obscure and confused if one allows oneself to regard the arrangements without religious awe of his genius, related to Napoleon's orders to deal with four points--four different orders. Not one of these was, or could be, carried out.

In the disposition it is said first that the batteries placed on the spot chosen by Napoleon, with the guns of Perneti and Fouche; which were to come in line with them, 102 guns in all, were to open fire and shower shells on the Russian fleches and redoubts. This could not be done, as from the spots selected by Napoleon the projectiles did not carry to the Russian works, and those 102 guns shot into the air until the nearest commander, contrary to Napoleon's instructions, moved them forward.

The second order was that Poniatowski, moving to the village through the wood, should turn the Russian left flank. This could not be done and was not done, because Poniatowski, advancing on the village through the wood, met Tuchkov there barring his way, and could not and did not turn the Russian position.

The third order was: General Campan will move through the wood to seize the first fortification. General Campan's division did not seize the first fortification but was driven back, for on emerging from the wood it had to reform under grapeshot, of which Napoleon was unaware.

The fourth order was: The vice-King will occupy the village (Borodino) and cross by its three bridges, advancing to the same heights as Morand's and Gdrard's divisions (for whose movements no directions are given), which under his leadership will be directed against the redoubt and come into line with the rest of the forces.

As far as one can make out, not so much from this unintelligible sentence as from the attempts the vice-King made to execute the orders given him, he was to advance from the left through Borodino to the redoubt while the divisions of Morand and Gerard were to advance simultaneously from the front.

All this, like the other parts of the disposition, was not and could not be executed. After passing through Borodino the vice-King was driven back to the Kolocha and could get no farther; while the divisions of Morand and Gerard did not take the redoubt but were driven back, and the redoubt was only taken at the end of the battle by the cavalry (a thing probably unforeseen and not heard of by Napoleon). So not one of the orders in the disposition was, or could be, executed. But in the disposition it is said that, after the fight has commenced in this manner, orders will be given in accordance with the enemy's movements, and so it might be supposed that all necessary arrangements would be made by Napoleon during the battle. But this was not and could not be done, for during the whole battle Napoleon was so far away that, as appeared later, he could not know the course of the battle and not one of his orders during the fight could be executed.

CHAPTER XXVIII

Many historians say that the French did not win the battle of Borodino because Napoleon had a cold, and that if he had not had a cold the orders he gave before and during the battle would have been still more full of genius and Russia would have been lost and the face of the world have been changed. To historians who believe that Russia was shaped by the will of one man--Peter the Great--and that

France from a republic became an empire and French armies went to Russia at the will of one man--Napoleon--to say that Russia remained a power because Napoleon had a bad cold on the twenty-fourth of August may seem logical and convincing.

If it had depended on Napoleon's will to fight or not to fight the battle of Borodino, and if this or that other arrangement depended on his will, then evidently a cold affecting the manifestation of his will might have saved Russia, and consequently the valet who omitted to bring Napoleon his waterproof boots on the twenty-fourth would have been the savior of Russia. Along that line of thought such a deduction is indubitable, as indubitable as the deduction Voltaire made in jest (without knowing what he was jesting at) when he saw that the Massacre of St. Bartholomew was due to Charles IX's stomach being deranged. But to men who do not admit that Russia was formed by the will of one man, Peter I, or that the French Empire was formed and the war with Russia begun by the will of one man, Napoleon, that argument seems not merely untrue and irrational, but contrary to all human reality. To the question of what causes historic events another answer presents itself, namely, that the course of human events is predetermined from on high--depends on the coincidence of the wills of all who take part in the events, and that a Napoleon's influence on the course of these events is purely external and fictitious.

Strange as at first glance it may seem to suppose that the Massacre of St. Bartholomew was not due to Charles IX's will, though he gave the order for it and thought it was done as a result of that order; and strange as it may seem to suppose that the slaughter of eighty thousand men at Borodino was not due to Napoleon's will, though he ordered the commencement and conduct of the battle and thought it was done because he ordered it; strange as these suppositions appear, yet human dignity--which tells me that each of us is, if not more at least not less a man than the great Napoleon--demands the acceptance of that solution of the question, and historic investigation abundantly confirms it.

At the battle of Borodino Napoleon shot at no one and killed no one. That was all done by the soldiers. Therefore it was not he who killed people.

The French soldiers went to kill and be killed at the battle of Borodino not because of Napoleon's orders but by their own volition. The whole army--French, Italian, German, Polish, and Dutch--hungry, ragged, and weary of the campaign, felt at the sight of an army blocking their road to Moscow that the wine was drawn and must be drunk. Had Napoleon then forbidden them to fight the Russians, they would have killed him and have proceeded to fight the Russians because

it was inevitable.

When they heard Napoleon's proclamation offering them, as compensation for mutilation and death, the words of posterity about their having been in the battle before Moscow, they cried "Vive l'Empereur!" just as they had cried "Vive l'Empereur!" at the sight of the portrait of the boy piercing the terrestrial globe with a toy stick, and just as they would have cried "Vive l'Empereur!" at any nonsense that might be told them. There was nothing left for them to do but cry "Vive l'Empereur!" and go to fight, in order to get food and rest as conquerors in Moscow. So it was not because of Napoleon's commands that they killed their fellow men.

And it was not Napoleon who directed the course of the battle, for none of his orders were executed and during the battle he did not know what was going on before him. So the way in which these people killed one another was not decided by Napoleon's will but occurred independently of him, in accord with the will of hundreds of thousands of people who took part in the common action. It only seemed to Napoleon that it all took place by his will. And so the question whether he had or had not a cold has no more historic interest than the cold of the least of the transport soldiers.

Moreover, the assertion made by various writers that his cold was the cause of his dispositions not being as well planned as on former occasions, and of his orders during the battle not being as good as previously, is quite baseless, which again shows that Napoleon's cold on the twenty-sixth of August was unimportant.

The dispositions cited above are not at all worse, but are even better, than previous dispositions by which he had won victories. His pseudo-orders during the battle were also no worse than formerly, but much the same as usual. These dispositions and orders only seem worse than previous ones because the battle of Borodino was the first Napoleon did not win. The profoundest and most excellent dispositions and orders seem very bad, and every learned militarist criticizes them with looks of importance, when they relate to a battle that has been lost, and the very worst dispositions and orders seem very good, and serious people fill whole volumes to demonstrate their merits, when they relate to a battle that has been won.

The dispositions drawn up by Weyrother for the battle of Austerlitz were a model of perfection for that kind of composition, but still they were criticized--criticized for their very perfection, for their excessive minuteness.

Napoleon at the battle of Borodino fulfilled his office as

representative of authority as well as, and even better than, at other battles. He did nothing harmful to the progress of the battle; he inclined to the most reasonable opinions, he made no confusion, did not contradict himself, did not get frightened or run away from the field of battle, but with his great tact and military experience carried out his role of appearing to command, calmly and with dignity.

CHAPTER XXIX

On returning from a second inspection of the lines, Napoleon remarked:

"The chessmen are set up, the game will begin tomorrow!"

Having ordered punch and summoned de Beausset, he began to talk to him about Paris and about some changes he meant to make the Empress' household, surprising the prefect by his memory of minute details relating to the court.

He showed an interest in trifles, joked about de Beausset's love of travel, and chatted carelessly, as a famous, self-confident surgeon who knows his job does when turning up his sleeves and putting on his apron while a patient is being strapped to the operating table. "The matter is in my hands and is clear and definite in my head. When the times comes to set to work I shall do it as no one else could, but now I can jest, and the more I jest and the calmer I am the more tranquil and confident you ought to be, and the more amazed at my genius."

Having finished his second glass of punch, Napoleon went to rest before the serious business which, he considered, awaited him next day. He was so much interested in that task that he was unable to sleep, and in spite of his cold which had grown worse from the dampness of the evening, he went into the large division of the tent at three o'clock in the morning, loudly blowing his nose. He asked whether the Russians had not withdrawn, and was told that the enemy's fires were still in the same places. He nodded approval.

The adjutant in attendance came into the tent.

"Well, Rapp, do you think we shall do good business today?" Napoleon asked him.

"Without doubt, sire," replied Rapp.

Napoleon looked at him.

"Do you remember, sire, what you did me the honor to say at Smolensk?" continued Rapp. "The wine is drawn and must be drunk."

Napoleon frowned and sat silent for a long time leaning his head on his hand.

"This poor army!" he suddenly remarked. "It has diminished greatly since Smolensk. Fortune is frankly a courtesan, Rapp. I have always said so and I am beginning to experience it. But the Guards, Rapp, the Guards are intact?" he remarked interrogatively.

"Yes, sire," replied Rapp.

Napoleon took a lozenge, put it in his mouth, and glanced at his watch. He was not sleepy and it was still not nearly morning. It was impossible to give further orders for the sake of killing time, for the orders had all been given and were now being executed.

"Have the biscuits and rice been served out to the regiments of the Guards?" asked Napoleon sternly.

"Yes, sire."

"The rice too?"

Rapp replied that he had given the Emperor's order about the rice, but Napoleon shook his head in dissatisfaction as if not believing that his order had been executed. An attendant came in with punch. Napoleon ordered another glass to be brought for Rapp, and silently sipped his own.

"I have neither taste nor smell," he remarked, sniffing at his glass. "This cold is tiresome. They talk about medicine--what is the good of medicine when it can't cure a cold! Corvisart gave me these lozenges but they don't help at all. What can doctors cure? One can't cure anything. Our body is a machine for living. It is organized for that, it is its nature. Let life go on in it unhindered and let it defend itself, it will do more than if you paralyze it by encumbering it with remedies. Our body is like a perfect watch that should go for a certain time; watchmaker cannot open it, he can only adjust it by fumbling, and that blindfold.... Yes, our body is just a machine for living, that is all."

And having entered on the path of definition, of which he was

fond, Napoleon suddenly and unexpectedly gave a new one.

"Do you know, Rapp, what military art is?" asked he. "It is the art of being stronger than the enemy at a given moment. That's all."

Rapp made no reply.

"Tomorrow we shall have to deal with Kutuzov!" said Napoleon. "We shall see! Do you remember at Braunau he commanded an army for three weeks and did not once mount a horse to inspect his entrenchments.... We shall see!"

He looked at his watch. It was still only four o'clock. He did not feel sleepy. The punch was finished and there was still nothing to do. He rose, walked to and fro, put on a warm overcoat and a hat, and went out of the tent. The night was dark and damp, a scarcely perceptible moisture was descending from above. Near by, the campfires were dimly burning among the French Guards, and in the distance those of the Russian line shone through the smoke. The weather was calm, and the rustle and tramp of the French troops already beginning to move to take up their positions were clearly audible.

Napoleon walked about in front of his tent, looked at the fires and listened to these sounds, and as he was passing a tall guardsman in a shaggy cap, who was standing sentinel before his tent and had drawn himself up like a black pillar at sight of the Emperor, Napoleon stopped in front of him.

"What year did you enter the service?" he asked with that affectation of military bluntness and geniality with which he always addressed the soldiers.

The man answered the question.

"Ah! One of the old ones! Has your regiment had its rice?"

"It has, Your Majesty."

Napoleon nodded and walked away.

At half-past five Napoleon rode to the village of Shevardino.

It was growing light, the sky was clearing, only a single cloud lay in the east. The abandoned campfires were burning themselves out in the faint morning light.

On the right a single deep report of a cannon resounded and died

away in the prevailing silence. Some minutes passed. A second and a third report shook the air, then a fourth and a fifth boomed solemnly near by on the right.

The first shots had not yet ceased to reverberate before others rang out and yet more were heard mingling with and overtaking one another.

Napoleon with his suite rode up to the Shevardino Redoubt where he dismounted. The game had begun.

CHAPTER XXX

On returning to Gorki after having seen Prince Andrew, Pierre ordered his groom to get the horses ready and to call him early in the morning, and then immediately fell asleep behind a partition in a corner Boris had given up to him.

Before he was thoroughly awake next morning everybody had already left the hut. The panes were rattling in the little windows and his groom was shaking him.

"Your excellency! Your excellency! Your excellency!" he kept repeating pertinaciously while he shook Pierre by the shoulder without looking at him, having apparently lost hope of getting him to wake up.

"What? Has it begun? Is it time?" Pierre asked, waking up.

"Hear the firing," said the groom, a discharged soldier. "All the gentlemen have gone out, and his Serene Highness himself rode past long ago."

Pierre dressed hastily and ran out to the porch. Outside all was bright, fresh, dewy, and cheerful. The sun, just bursting forth from behind a cloud that had concealed it, was shining, with rays still half broken by the clouds, over the roofs of the street opposite, on the dew-besprinkled dust of the road, on the walls of the houses, on the windows, the fence, and on Pierre's horses standing before the hut. The roar of guns sounded more distinct outside. An adjutant accompanied by a Cossack passed by at a sharp trot.

"It's time, Count; it's time!" cried the adjutant.

Telling the groom to follow him with the horses, Pierre went down

the street to the knoll from which he had looked at the field of battle the day before. A crowd of military men was assembled there, members of the staff could be heard conversing in French, and Kutuzov's gray head in a white cap with a red band was visible, his gray nape sunk between his shoulders. He was looking through a field glass down the highroad before him.

Mounting the steps to the knoll Pierre looked at the scene before him, spellbound by beauty. It was the same panorama he had admired from that spot the day before, but now the whole place was full of troops and covered by smoke clouds from the guns, and the slanting rays of the bright sun, rising slightly to the left behind Pierre, cast upon it through the clear morning air penetrating streaks of rosy, golden tinted light and long dark shadows. The forest at the farthest extremity of the panorama seemed carved in some precious stone of a yellowish-green color; its undulating outline was silhouetted against the horizon and was pierced beyond Valuevo by the Smolensk highroad crowded with troops. Nearer at hand glittered golden cornfields interspersed with copses. There were troops to be seen everywhere, in front and to the right and left. All this was vivid, majestic, and unexpected; but what impressed Pierre most of all was the view of the battlefield itself, of Borodino and the hollows on both sides of the Kolocha.

Above the Kolocha, in Borodino and on both sides of it, especially to the left where the Voyna flowing between its marshy banks falls into the Kolocha, a mist had spread which seemed to melt, to dissolve, and to become translucent when the brilliant sun appeared and magically colored and outlined everything. The smoke of the guns mingled with this mist, and over the whole expanse and through that mist the rays of the morning sun were reflected, flashing back like lightning from the water, from the dew, and from the bayonets of the troops crowded together by the riverbanks and in Borodino. A white church could be seen through the mist, and here and there the roofs of huts in Borodino as well as dense masses of soldiers, or green ammunition chests and ordnance. And all this moved, or seemed to move, as the smoke and mist spread out over the whole space. Just as in the mist-enveloped hollow near Borodino, so along the entire line outside and above it and especially in the woods and fields to the left, in the valleys and on the summits of the high ground, clouds of powder smoke seemed continually to spring up out of nothing, now singly, now several at a time, some translucent, others dense, which, swelling, growing, rolling, and blending, extended over the whole expanse.

These puffs of smoke and (strange to say) the sound of the firing produced the chief beauty of the spectacle.

"Puff!"--suddenly a round compact cloud of smoke was seen merging from violet into gray and milky white, and "boom!" came the report a second later.

"Puff! puff!"--and two clouds arose pushing one another and blending together; and "boom, boom!" came the sounds confirming what the eye had seen.

Pierre glanced round at the first cloud, which he had seen as a round compact ball, and in its place already were balloons of smoke floating to one side, and--"puff" (with a pause)--"puff, puff!" three and then four more appeared and then from each, with the same interval--"boom--boom, boom!" came the fine, firm, precise sounds in reply. It seemed as if those smoke clouds sometimes ran and sometimes stood still while woods, fields, and glittering bayonets ran past them. From the left, over fields and bushes, those large balls of smoke were continually appearing followed by their solemn reports, while nearer still, in the hollows and woods, there burst from the muskets small cloudlets that had no time to become balls, but had their little echoes in just the same way. "Trakh-ta-ta-takh!" came the frequent crackle of musketry, but it was irregular and feeble in comparison with the reports of the cannon.

Pierre wished to be there with that smoke, those shining bayonets, that movement, and those sounds. He turned to look at Kutuzov and his suite, to compare his impressions with those of others. They were all looking at the field of battle as he was, and, as it seemed to him, with the same feelings. All their faces were now shining with that latent warmth of feeling Pierre had noticed the day before and had fully understood after his talk with Prince Andrew.

"Go, my dear fellow, go... and Christ be with you!" Kutuzov was saying to a general who stood beside him, not taking his eye from the battlefield.

Having received this order the general passed by Pierre on his way down the knoll.

"To the crossing!" said the general coldly and sternly in reply to one of the staff who asked where he was going.

"I'll go there too, I too!" thought Pierre, and followed the general.

The general mounted a horse a Cossack had brought him. Pierre went to his groom who was holding his horses and, asking which was the quietest, clambered onto it, seized it by the mane, and turning out his toes pressed his heels against its sides and, feeling that his

spectacles were slipping off but unable to let go of the mane and reins, he galloped after the general, causing the staff officers to smile as they watched him from the knoll.

CHAPTER XXXI

Having descended the hill the general after whom Pierre was galloping turned sharply to the left, and Pierre, losing sight of him, galloped in among some ranks of infantry marching ahead of him. He tried to pass either in front of them or to the right or left, but there were soldiers everywhere, all with expression and busy with some unseen but evidently important task. They all gazed with the same dissatisfied and inquiring expression at this stout man in a white hat, who for some unknown reason threatened to trample them under his horse's hoofs.

"Why ride into the middle of the battalion?" one of them shouted at him.

Another prodded his horse with the butt end of a musket, and Pierre, bending over his saddlebow and hardly able to control his shying horse, galloped ahead of the soldiers where there was a free space.

There was a bridge ahead of him, where other soldiers stood firing. Pierre rode up to them. Without being aware of it he had come to the bridge across the Kolocha between Gorki and Borodino, which the French (having occupied Borodino) were attacking in the first phase of the battle. Pierre saw that there was a bridge in front of him and that soldiers were doing something on both sides of it and in the meadow, among the rows of new-mown hay which he had taken no notice of amid the smoke of the campfires the day before; but despite the incessant firing going on there he had no idea that this was the field of battle. He did not notice the sound of the bullets whistling from every side, or the projectiles that flew over him, did not see the enemy on the other side of the river, and for a long time did not notice the killed and wounded, though many fell near him. He looked about him with a smile which did not leave his face.

"Why's that fellow in front of the line?" shouted somebody at him again.

"To the left!... Keep to the right!" the men shouted to him.

Pierre went to the right, and unexpectedly encountered one of Raevski's adjutants whom he knew. The adjutant looked angrily at him, evidently also intending to shout at him, but on recognizing him he nodded.

"How have you got here?" he said, and galloped on.

Pierre, feeling out of place there, having nothing to do, and afraid of getting in someone's way again, galloped after the adjutant.

"What's happening here? May I come with you?" he asked.

"One moment, one moment!" replied the adjutant, and riding up to a stout colonel who was standing in the meadow, he gave him some message and then addressed Pierre.

"Why have you come here, Count?" he asked with a smile. "Still inquisitive?"

"Yes, yes," assented Pierre.

But the adjutant turned his horse about and rode on.

"Here it's tolerable," said he, "but with Bagration on the left flank they're getting it frightfully hot."

"Really?" said Pierre. "Where is that?"

"Come along with me to our knoll. We can get a view from there and in our battery it is still bearable," said the adjutant. "Will you come?"

"Yes, I'll come with you," replied Pierre, looking round for his groom.

It was only now that he noticed wounded men staggering along or being carried on stretchers. On that very meadow he had ridden over the day before, a soldier was lying athwart the rows of scented hay, with his head thrown awkwardly back and his shako off.

"Why haven't they carried him away?" Pierre was about to ask, but seeing the stern expression of the adjutant who was also looking that way, he checked himself.

Pierre did not find his groom and rode along the hollow with the adjutant to Raevski's Redoubt. His horse lagged behind the adjutant's and jolted him at every step.

"You don't seem to be used to riding, Count?" remarked the adjutant.

"No it's not that, but her action seems so jerky," said Pierre in a puzzled tone.

"Why... she's wounded!" said the adjutant. "In the off foreleg above the knee. A bullet, no doubt. I congratulate you, Count, on your baptism of fire!"

Having ridden in the smoke past the Sixth Corps, behind the artillery which had been moved forward and was in action, deafening them with the noise of firing, they came to a small wood. There it was cool and quiet, with a scent of autumn. Pierre and the adjutant dismounted and walked up the hill on foot.

"Is the general here?" asked the adjutant on reaching the knoll.

"He was here a minute ago but has just gone that way," someone told him, pointing to the right.

The adjutant looked at Pierre as if puzzled what to do with him now.

"Don't trouble about me," said Pierre. "I'll go up onto the knoll if I may?"

"Yes, do. You'll see everything from there and it's less dangerous, and I'll come for you."

Pierre went to the battery and the adjutant rode on. They did not meet again, and only much later did Pierre learn that he lost an arm that day.

The knoll to which Pierre ascended was that famous one afterwards known to the Russians as the Knoll Battery or Raevski's Redoubt, and to the French as la grande redoute, la fatale redoute, la redoute du centre, around which tens of thousands fell, and which the French regarded as the key to the whole position.

This redoubt consisted of a knoll, on three sides of which trenches had been dug. Within the entrenchment stood ten guns that were being fired through openings in the earthwork.

In line with the knoll on both sides stood other guns which also fired incessantly. A little behind the guns stood infantry. When ascending that knoll Pierre had no notion that this spot, on which small trenches had been dug and from which a few guns were firing, was the most important point of the battle.

On the contrary, just because he happened to be there he thought it one of the least significant parts of the field.

Having reached the knoll, Pierre sat down at one end of a trench surrounding the battery and gazed at what was going on around him with an unconsciously happy smile. Occasionally he rose and walked about the battery still with that same smile, trying not to obstruct the soldiers who were loading, hauling the guns, and continually running past him with bags and charges. The guns of that battery were being fired continually one after another with a deafening roar, enveloping the whole neighborhood in powder smoke.

In contrast with the dread felt by the infantrymen placed in support, here in the battery where a small number of men busy at their work were separated from the rest by a trench, everyone experienced a common and as it were family feeling of animation.

The intrusion of Pierre's nonmilitary figure in a white hat made an unpleasant impression at first. The soldiers looked askance at him with surprise and even alarm as they went past him. The senior artillery officer, a tall, long-legged, pockmarked man, moved over to Pierre as if to see the action of the farthest gun and looked at him with curiosity.

A young round-faced officer, quite a boy still and evidently only just out of the Cadet College, who was zealously commanding the two guns entrusted to him, addressed Pierre sternly.

"Sir," he said, "permit me to ask you to stand aside. You must not be here."

The soldiers shook their heads disapprovingly as they looked at Pierre. But when they had convinced themselves that this man in the white hat was doing no harm, but either sat quietly on the slope of the trench with a shy smile or, politely making way for the soldiers, paced up and down the battery under fire as calmly as if he were on a boulevard, their feeling of hostile distrust gradually began to change into a kindly and bantering sympathy, such as soldiers feel for their dogs, cocks, goats, and in general for the animals that live with the regiment. The men soon accepted Pierre into their family, adopted him, gave him a nickname ("our gentleman"), and made kindly fun of him among themselves.

A shell tore up the earth two paces from Pierre and he looked around with a smile as he brushed from his clothes some earth it had thrown up.

"And how's it you're not afraid, sir, really now?" a red-faced,

broad-shouldered soldier asked Pierre, with a grin that disclosed a set of sound, white teeth.

"Are you afraid, then?" said Pierre.

"What else do you expect?" answered the soldier. "She has no mercy, you know! When she comes spluttering down, out go your innards. One can't help being afraid," he said laughing.

Several of the men, with bright kindly faces, stopped beside Pierre. They seemed not to have expected him to talk like anybody else, and the discovery that he did so delighted them.

"It's the business of us soldiers. But in a gentleman it's wonderful! There's a gentleman for you!"

"To your places!" cried the young officer to the men gathered round Pierre.

The young officer was evidently exercising his duties for the first or second time and therefore treated both his superiors and the men with great precision and formality.

The booming cannonade and the fusillade of musketry were growing more intense over the whole field, especially to the left where Bagration's fleches were, but where Pierre was the smoke of the firing made it almost impossible to distinguish anything. Moreover, his whole attention was engrossed by watching the family circle--separated from all else--formed by the men in the battery. His first unconscious feeling of joyful animation produced by the sights and sounds of the battlefield was now replaced by another, especially since he had seen that soldier lying alone in the hayfield. Now, seated on the slope of the trench, he observed the faces of those around him.

By ten o'clock some twenty men had already been carried away from the battery; two guns were smashed and cannon balls fell more and more frequently on the battery and spent bullets buzzed and whistled around. But the men in the battery seemed not to notice this, and merry voices and jokes were heard on all sides.

"A live one!" shouted a man as a whistling shell approached.

"Not this way! To the infantry!" added another with loud laughter, seeing the shell fly past and fall into the ranks of the supports.

"Are you bowing to a friend, eh?" remarked another, chaffing a peasant who ducked low as a cannon ball flew over.

Several soldiers gathered by the wall of the trench, looking out to see what was happening in front.

"They've withdrawn the front line, it has retired," said they, pointing over the earthwork.

"Mind your own business," an old sergeant shouted at them. "If they've retired it's because there's work for them to do farther back."

And the sergeant, taking one of the men by the shoulders, gave him a shove with his knee. This was followed by a burst of laughter.

"To the fifth gun, wheel it up!" came shouts from one side.

"Now then, all together, like bargees!" rose the merry voices of those who were moving the gun.

"Oh, she nearly knocked our gentleman's hat off!" cried the red-faced humorist, showing his teeth chaffing Pierre. "Awkward baggage!" he added reproachfully to a cannon ball that struck a cannon wheel and a man's leg.

"Now then, you foxes!" said another, laughing at some militiamen who, stooping low, entered the battery to carry away the wounded man.

"So this gruel isn't to your taste? Oh, you crows! You're scared!" they shouted at the militiamen who stood hesitating before the man whose leg had been torn off.

"There, lads... oh, oh!" they mimicked the peasants, "they don't like it at all!"

Pierre noticed that after every ball that hit the redoubt, and after every loss, the liveliness increased more and more.

As the flames of the fire hidden within come more and more vividly and rapidly from an approaching thundercloud, so, as if in opposition to what was taking place, the lightning of hidden fire growing more and more intense glowed in the faces of these men.

Pierre did not look out at the battlefield and was not concerned to know what was happening there; he was entirely absorbed in watching this fire which burned ever more brightly and which he felt was flaming up in the same way in his own soul.

At ten o'clock the infantry that had been among the bushes in front of the battery and along the Kamenka streamlet retreated. From

the battery they could be seen running back past it carrying their wounded on their muskets. A general with his suite came to the battery, and after speaking to the colonel gave Pierre an angry look and went away again having ordered the infantry supports behind the battery to lie down, so as to be less exposed to fire. After this from amid the ranks of infantry to the right of the battery came the sound of a drum and shouts of command, and from the battery one saw how those ranks of infantry moved forward.

Pierre looked over the wall of the trench and was particularly struck by a pale young officer who, letting his sword hang down, was walking backwards and kept glancing uneasily around.

The ranks of the infantry disappeared amid the smoke but their long-drawn shout and rapid musketry firing could still be heard. A few minutes later crowds of wounded men and stretcher-bearers came back from that direction. Projectiles began to fall still more frequently in the battery. Several men were lying about who had not been removed. Around the cannon the men moved still more briskly and busily. No one any longer took notice of Pierre. Once or twice he was shouted at for being in the way. The senior officer moved with big, rapid strides from one gun to another with a frowning face. The young officer, with his face still more flushed, commanded the men more scrupulously than ever. The soldiers handed up the charges, turned, loaded, and did their business with strained smartness. They gave little jumps as they walked, as though they were on springs.

The stormcloud had come upon them, and in every face the fire which Pierre had watched kindle burned up brightly. Pierre standing beside the commanding officer. The young officer, his hand to his shako, ran up to his superior.

"I have the honor to report, sir, that only eight rounds are left. Are we to continue firing?" he asked.

"Grapeshot!" the senior shouted, without answering the question, looking over the wall of the trench.

Suddenly something happened: the young officer gave a gasp and bending double sat down on the ground like a bird shot on the wing. Everything became strange, confused, and misty in Pierre's eyes.

One cannon ball after another whistled by and struck the earthwork, a soldier, or a gun. Pierre, who had not noticed these sounds before, now heard nothing else. On the right of the battery soldiers shouting "Hurrah!" were running not forwards but backwards, it seemed to Pierre.

A cannon ball struck the very end of the earth work by which he was standing, crumbling down the earth; a black ball flashed before his eyes and at the same instant plumped into something. Some militiamen who were entering the battery ran back.

"All with grapeshot!" shouted the officer.

The sergeant ran up to the officer and in a frightened whisper informed him (as a butler at dinner informs his master that there is no more of some wine asked for) that there were no more charges.

"The scoundrels! What are they doing?" shouted the officer, turning to Pierre.

The officer's face was red and perspiring and his eyes glittered under his frowning brow.

"Run to the reserves and bring up the ammunition boxes!" he yelled, angrily avoiding Pierre with his eyes and speaking to his men.

"I'll go," said Pierre.

The officer, without answering him, strode across to the opposite side.

"Don't fire.... Wait!" he shouted.

The man who had been ordered to go for ammunition stumbled against Pierre.

"Eh, sir, this is no place for you," said he, and ran down the slope.

Pierre ran after him, avoiding the spot where the young officer was sitting.

One cannon ball, another, and a third flew over him, falling in front, beside, and behind him. Pierre ran down the slope. "Where am I going?" he suddenly asked himself when he was already near the green ammunition wagons. He halted irresolutely, not knowing whether to return or go on. Suddenly a terrible concussion threw him backwards to the ground. At the same instant he was dazzled by a great flash of flame, and immediately a deafening roar, crackling, and whistling made his ears tingle.

When he came to himself he was sitting on the ground leaning on his hands; the ammunition wagons he had been approaching no longer existed, only charred green boards and rags littered the scorched

grass, and a horse, dangling fragments of its shaft behind it, galloped past, while another horse lay, like Pierre, on the ground, uttering prolonged and piercing cries.

CHAPTER XXXII

Beside himself with terror Pierre jumped up and ran back to the battery, as to the only refuge from the horrors that surrounded him.

On entering the earthwork he noticed that there were men doing something there but that no shots were being fired from the battery. He had no time to realize who these men were. He saw the senior officer lying on the earth wall with his back turned as if he were examining something down below and that one of the soldiers he had noticed before was struggling forward shouting "Brothers!" and trying to free himself from some men who were holding him by the arm. He also saw something else that was strange.

But he had not time to realize that the colonel had been killed, that the soldier shouting "Brothers!" was a prisoner, and that another man had been bayoneted in the back before his eyes, for hardly had he run into the redoubt before a thin, sallow-faced, perspiring man in a blue uniform rushed on him sword in hand, shouting something. Instinctively guarding against the shock--for they had been running together at full speed before they saw one another--Pierre put out his hands and seized the man (a French officer) by the shoulder with one hand and by the throat with the other. The officer, dropping his sword, seized Pierre by his collar.

For some seconds they gazed with frightened eyes at one another's unfamiliar faces and both were perplexed at what they had done and what they were to do next. "Am I taken prisoner or have I taken him prisoner?" each was thinking. But the French officer was evidently more inclined to think he had been taken prisoner because Pierre's strong hand, impelled by instinctive fear, squeezed his throat ever tighter and tighter. The Frenchman was about to say something, when just above their heads, terrible and low, a cannon ball whistled, and it seemed to Pierre that the French officer's head had been torn off, so swiftly had he ducked it.

Pierre too bent his head and let his hands fall. Without further thought as to who had taken whom prisoner, the Frenchman ran back to the battery and Pierre ran down the slope stumbling over the dead

and wounded who, it seemed to him, caught at his feet. But before he reached the foot of the knoll he was met by a dense crowd of Russian soldiers who, stumbling, tripping up, and shouting, ran merrily and wildly toward the battery. (This was the attack for which Ermolov claimed the credit, declaring that only his courage and good luck made such a feat possible: it was the attack in which he was said to have thrown some St. George's Crosses he had in his pocket into the battery for the first soldiers to take who got there.)

The French who had occupied the battery fled, and our troops shouting "Hurrah!" pursued them so far beyond the battery that it was difficult to call them back.

The prisoners were brought down from the battery and among them was a wounded French general, whom the officers surrounded. Crowds of wounded--some known to Pierre and some unknown--Russians and French, with faces distorted by suffering, walked, crawled, and were carried on stretchers from the battery. Pierre again went up onto the knoll where he had spent over an hour, and of that family circle which had received him as a member he did not find a single one. There were many dead whom he did not know, but some he recognized. The young officer still sat in the same way, bent double, in a pool of blood at the edge of the earth wall. The red-faced man was still twitching, but they did not carry him away.

Pierre ran down the slope once more.

"Now they will stop it, now they will be horrified at what they have done!" he thought, aimlessly going toward a crowd of stretcher bearers moving from the battlefield.

But behind the veil of smoke the sun was still high, and in front and especially to the left, near Semenovsk, something seemed to be seething in the smoke, and the roar of cannon and musketry did not diminish, but even increased to desperation like a man who, straining himself, shrieks with all his remaining strength.

CHAPTER XXXIII

The chief action of the battle of Borodino was fought within the seven thousand feet between Borodino and Bagration's fleches. Beyond that space there was, on the one side, a demonstration made by the Russians with Uvarov's cavalry at midday, and on the other side,

beyond Utitsa, Poniatowski's collision with Tuchkov; but these two were detached and feeble actions in comparison with what took place in the center of the battlefield. On the field between Borodino and the fleches, beside the wood, the chief action of the day took place on an open space visible from both sides and was fought in the simplest and most artless way.

The battle began on both sides with a cannonade from several hundred guns.

Then when the whole field was covered with smoke, two divisions, Campan's and Dessaix's, advanced from the French right, while Murat's troops advanced on Borodino from their left.

From the Shevardino Redoubt where Napoleon was standing the fleches were two thirds of a mile away, and it was more than a mile as the crow flies to Borodino, so that Napoleon could not see what was happening there, especially as the smoke mingling with the mist hid the whole locality. The soldiers of Dessaix's division advancing against the fleches could only be seen till they had entered the hollow that lay between them and the fleches. As soon as they had descended into that hollow, the smoke of the guns and musketry on the fleches grew so dense that it covered the whole approach on that side of it. Through the smoke glimpses could be caught of something black--probably men--and at times the glint of bayonets. But whether they were moving or stationary, whether they were French or Russian, could not be discovered from the Shevardino Redoubt.

The sun had risen brightly and its slanting rays struck straight into Napoleon's face as, shading his eyes with his hand, he looked at the fleches. The smoke spread out before them, and at times it looked as if the smoke were moving, at times as if the troops moved. Sometimes shouts were heard through the firing, but it was impossible to tell what was being done there.

Napoleon, standing on the knoll, looked through a field glass, and in its small circlet saw smoke and men, sometimes his own and sometimes Russians, but when he looked again with the naked eye, he could not tell where what he had seen was.

He descended the knoll and began walking up and down before it.

Occasionally he stopped, listened to the firing, and gazed intently at the battlefield.

But not only was it impossible to make out what was happening from where he was standing down below, or from the knoll above on which some of his generals had taken their stand, but even from the

fleches themselves--in which by this time there were now Russian and now French soldiers, alternately or together, dead, wounded, alive, frightened, or maddened--even at those fleches themselves it was impossible to make out what was taking place. There for several hours amid incessant cannon and musketry fire, now Russians were seen alone, now Frenchmen alone, now infantry, and now cavalry: they appeared, fired, fell, collided, not knowing what to do with one another, screamed, and ran back again.

From the battlefield adjutants he had sent out, and orderlies from his marshals, kept galloping up to Napoleon with reports of the progress of the action, but all these reports were false, both because it was impossible in the heat of battle to say what was happening at any given moment and because many of the adjutants did not go to the actual place of conflict but reported what they had heard from others; and also because while an adjutant was riding more than a mile to Napoleon circumstances changed and the news he brought was already becoming false. Thus an adjutant galloped up from Murat with tidings that Borodino had been occupied and the bridge over the Kolocha was in the hands of the French. The adjutant asked whether Napoleon wished the troops to cross it? Napoleon gave orders that the troops should form up on the farther side and wait. But before that order was given--almost as soon in fact as the adjutant had left Borodino--the bridge had been retaken by the Russians and burned, in the very skirmish at which Pierre had been present at the beginning of the battle.

An adjutant galloped up from the fleches with a pale and frightened face and reported to Napoleon that their attack had been repulsed, Campan wounded, and Davout killed; yet at the very time the adjutant had been told that the French had been repulsed, the fleches had in fact been recaptured by other French troops, and Davout was alive and only slightly bruised. On the basis of these necessarily untrustworthy reports Napoleon gave his orders, which had either been executed before he gave them or could not be and were not executed.

The marshals and generals, who were nearer to the field of battle but, like Napoleon, did not take part in the actual fighting and only occasionally went within musket range, made their own arrangements without asking Napoleon and issued orders where and in what direction to fire and where cavalry should gallop and infantry should run. But even their orders, like Napoleon's, were seldom carried out, and then but partially. For the most part things happened contrary to their orders. Soldiers ordered to advance ran back on meeting grapeshot; soldiers ordered to remain where they were, suddenly, seeing Russians unexpectedly before them, sometimes rushed back and sometimes forward, and the cavalry dashed without orders in pursuit of the flying Russians. In this way two cavalry regiments

galloped through the Semenovsk hollow and as soon as they reached the top of the incline turned round and galloped full speed back again. The infantry moved in the same way, sometimes running to quite other places than those they were ordered to go to. All orders as to where and when to move the guns, when to send infantry to shoot or horsemen to ride down the Russian infantry--all such orders were given by the officers on the spot nearest to the units concerned, without asking either Ney, Davout, or Murat, much less Napoleon. They did not fear getting into trouble for not fulfilling orders or for acting on their own initiative, for in battle what is at stake is what is dearest to man--his own life--and it sometimes seems that safety lies in running back, sometimes in running forward; and these men who were right in the heat of the battle acted according to the mood of the moment. In reality, however, all these movements forward and backward did not improve or alter the position of the troops. All their rushing and galloping at one another did little harm, the harm of disablement and death was caused by the balls and bullets that flew over the fields on which these men were floundering about. As soon as they left the place where the balls and bullets were flying about, their superiors, located in the background, re-formed them and brought them under discipline and under the influence of that discipline led them back to the zone of fire, where under the influence of fear of death they lost their discipline and rushed about according to the chance promptings of the throng.

CHAPTER XXXIV

Napoleon's generals--Davout, Ney, and Murat, who were near that region of fire and sometimes even entered it--repeatedly led into it huge masses of well-ordered troops. But contrary to what had always happened in their former battles, instead of the news they expected of the enemy's flight, these orderly masses returned thence as disorganized and terrified mobs. The generals re-formed them, but their numbers constantly decreased. In the middle of the day Murat sent his adjutant to Napoleon to demand reinforcements.

Napoleon sat at the foot of the knoll, drinking punch, when Murat's adjutant galloped up with an assurance that the Russians would be routed if His Majesty would let him have another division.

"Reinforcements?" said Napoleon in a tone of stern surprise, looking at the adjutant--a handsome lad with long black curls arranged like Murat's own--as though he did not understand his words.

"Reinforcements!" thought Napoleon to himself. "How can they need reinforcements when they already have half the army directed against a weak, unentrenched Russian wing?"

"Tell the King of Naples," said he sternly, "that it is not noon yet, and I don't yet see my chessboard clearly. Go!..."

The handsome boy adjutant with the long hair sighed deeply without removing his hand from his hat and galloped back to where men were being slaughtered.

Napoleon rose and having summoned Caulaincourt and Berthier began talking to them about matters unconnected with the battle.

In the midst of this conversation, which was beginning to interest Napoleon, Berthier's eyes turned to look at a general with a suite, who was galloping toward the knoll on a lathering horse. It was Belliard. Having dismounted he went up to the Emperor with rapid strides and in a loud voice began boldly demonstrating the necessity of sending reinforcements. He swore on his honor that the Russians were lost if the Emperor would give another division.

Napoleon shrugged his shoulders and continued to pace up and down without replying. Belliard began talking loudly and eagerly to the generals of the suite around him.

"You are very fiery, Belliard," said Napoleon, when he again came up to the general. "In the heat of a battle it is easy to make a mistake. Go and have another look and then come back to me."

Before Belliard was out of sight, a messenger from another part of the battlefield galloped up.

"Now then, what do you want?" asked Napoleon in the tone of a man irritated at being continually disturbed.

"Sire, the prince..." began the adjutant.

"Asks for reinforcements?" said Napoleon with an angry gesture.

The adjutant bent his head affirmatively and began to report, but the Emperor turned from him, took a couple of steps, stopped, came back, and called Berthier.

"We must give reserves," he said, moving his arms slightly apart. "Who do you think should be sent there?" he asked of Berthier (whom he subsequently termed "that gosling I have made an eagle").

"Send Claparede's division, sire," replied Berthier, who knew all the divisions regiments, and battalions by heart.

Napoleon nodded assent.

The adjutant galloped to Claparede's division and a few minutes later the Young Guards stationed behind the knoll moved forward. Napoleon gazed silently in that direction.

"No!" he suddenly said to Berthier. "I can't send Claparede. Send Friant's division."

Though there was no advantage in sending Friant's division instead of Claparede's, and even in obvious inconvenience and delay in stopping Claparede and sending Friant now, the order was carried out exactly. Napoleon did not notice that in regard to his army he was playing the part of a doctor who hinders by his medicines--a role he so justly understood and condemned.

Friant's division disappeared as the others had done into the smoke of the battlefield. From all sides adjutants continued to arrive at a gallop and as if by agreement all said the same thing. They all asked for reinforcements and all said that the Russians were holding their positions and maintaining a hellish fire under which the French army was melting away.

Napoleon sat on a campstool, wrapped in thought.

M. de Beausset, the man so fond of travel, having fasted since morning, came up to the Emperor and ventured respectfully to suggest lunch to His Majesty.

"I hope I may now congratulate Your Majesty on a victory?" said he.

Napoleon silently shook his head in negation. Assuming the negation to refer only to the victory and not to the lunch, M. de Beausset ventured with respectful jocularly to remark that there is no reason for not having lunch when one can get it.

"Go away..." exclaimed Napoleon suddenly and morosely, and turned aside.

A beatific smile of regret, repentance, and ecstasy beamed on M. de Beausset's face and he glided away to the other generals.

Napoleon was experiencing a feeling of depression like that of an ever-lucky gambler who, after recklessly flinging money about and

always winning, suddenly just when he has calculated all the chances of the game, finds that the more he considers his play the more surely he loses.

His troops were the same, his generals the same, the same preparations had been made, the same dispositions, and the same proclamation *courte et energique*, he himself was still the same: he knew that and knew that he was now even more experienced and skillful than before. Even the enemy was the same as at Austerlitz and Friedland--yet the terrible stroke of his arm had supernaturally become impotent.

All the old methods that had been unfailingly crowned with success: the concentration of batteries on one point, an attack by reserves to break the enemy's line, and a cavalry attack by "the men of iron," all these methods had already been employed, yet not only was there no victory, but from all sides came the same news of generals killed and wounded, of reinforcements needed, of the impossibility of driving back the Russians, and of disorganization among his own troops.

Formerly, after he had given two or three orders and uttered a few phrases, marshals and adjutants had come galloping up with congratulations and happy faces, announcing the trophies taken, the corps of prisoners, bundles of enemy eagles and standards, cannon and stores, and Murat had only begged leave to loose the cavalry to gather in the baggage wagons. So it had been at Lodi, Marengo, Arcola, Jena, Austerlitz, Wagram, and so on. But now something strange was happening to his troops.

Despite news of the capture of the *fleches*, Napoleon saw that this was not the same, not at all the same, as what had happened in his former battles. He saw that what he was feeling was felt by all the men about him experienced in the art of war. All their faces looked dejected, and they all shunned one another's eyes--only a *de Beausset* could fail to grasp the meaning of what was happening.

But Napoleon with his long experience of war well knew the meaning of a battle not gained by the attacking side in eight hours, after all efforts had been expended. He knew that it was a lost battle and that the least accident might now--with the fight balanced on such a strained center--destroy him and his army.

When he ran his mind over the whole of this strange Russian campaign in which not one battle had been won, and in which not a flag, or cannon, or army corps had been captured in two months, when he looked at the concealed depression on the faces around him and heard reports of the Russians still holding their ground--a terrible feeling

like a nightmare took possession of him, and all the unlucky accidents that might destroy him occurred to his mind. The Russians might fall on his left wing, might break through his center, he himself might be killed by a stray cannon ball. All this was possible. In former battles he had only considered the possibilities of success, but now innumerable unlucky chances presented themselves, and he expected them all. Yes, it was like a dream in which a man fancies that a ruffian is coming to attack him, and raises his arm to strike that ruffian a terrible blow which he knows should annihilate him, but then feels that his arm drops powerless and limp like a rag, and the horror of unavoidable destruction seizes him in his helplessness.

The news that the Russians were attacking the left flank of the French army aroused that horror in Napoleon. He sat silently on a campstool below the knoll, with head bowed and elbows on his knees. Berthier approached and suggested that they should ride along the line to ascertain the position of affairs.

"What? What do you say?" asked Napoleon. "Yes, tell them to bring me my horse."

He mounted and rode toward Semenovsk.

Amid the powder smoke, slowly dispersing over the whole space through which Napoleon rode, horses and men were lying in pools of blood, singly or in heaps. Neither Napoleon nor any of his generals had ever before seen such horrors or so many slain in such a small area. The roar of guns, that had not ceased for ten hours, wearied the ear and gave a peculiar significance to the spectacle, as music does to tableaux vivants. Napoleon rode up the high ground at Semenovsk, and through the smoke saw ranks of men in uniforms of a color unfamiliar to him. They were Russians.

The Russians stood in serried ranks behind Semenovsk village and its knoll, and their guns boomed incessantly along their line and sent forth clouds of smoke. It was no longer a battle: it was a continuous slaughter which could be of no avail either to the French or the Russians. Napoleon stopped his horse and again fell into the reverie from which Berthier had aroused him. He could not stop what was going on before him and around him and was supposed to be directed by him and to depend on him, and from its lack of success this affair, for the first time, seemed to him unnecessary and horrible.

One of the generals rode up to Napoleon and ventured to offer to lead the Old Guard into action. Ney and Berthier, standing near Napoleon, exchanged looks and smiled contemptuously at this general's senseless offer.

Napoleon bowed his head and remained silent a long time.

"At eight hundred leagues from France, I will not have my Guard destroyed!" he said, and turning his horse rode back to Shevardino.

CHAPTER XXXV

On the rug-covered bench where Pierre had seen him in the morning sat Kutuzov, his gray head hanging, his heavy body relaxed. He gave no orders, but only assented to or dissented from what others suggested.

"Yes, yes, do that," he replied to various proposals. "Yes, yes: go, dear boy, and have a look," he would say to one or another of those about him; or, "No, don't, we'd better wait!" He listened to the reports that were brought him and gave directions when his subordinates demanded that of him; but when listening to the reports it seemed as if he were not interested in the import of the words spoken, but rather in something else--in the expression of face and tone of voice of those who were reporting. By long years of military experience he knew, and with the wisdom of age understood, that it is impossible for one man to direct hundreds of thousands of others struggling with death, and he knew that the result of a battle is decided not by the orders of a commander in chief, nor the place where the troops are stationed, nor by the number of cannon or of slaughtered men, but by that intangible force called the spirit of the army, and he watched this force and guided it in as far as that was in his power.

Kutuzov's general expression was one of concentrated quiet attention, and his face wore a strained look as if he found it difficult to master the fatigue of his old and feeble body.

At eleven o'clock they brought him news that the fleches captured by the French had been retaken, but that Prince Bagration was wounded. Kutuzov groaned and swayed his head.

"Ride over to Prince Peter Ivanovich and find out about it exactly," he said to one of his adjutants, and then turned to the Duke of Wurttemberg who was standing behind him.

"Will Your Highness please take command of the first army?"

Soon after the duke's departure--before he could possibly have

reached Semenovsk--his adjutant came back from him and told Kutuzov that the duke asked for more troops.

Kutuzov made a grimace and sent an order to Dokhturov to take over the command of the first army, and a request to the duke--whom he said he could not spare at such an important moment--to return to him. When they brought him news that Murat had been taken prisoner, and the staff officers congratulated him, Kutuzov smiled.

"Wait a little, gentlemen," said he. "The battle is won, and there is nothing extraordinary in the capture of Murat. Still, it is better to wait before we rejoice."

But he sent an adjutant to take the news round the army.

When Scherbinin came galloping from the left flank with news that the French had captured the fleches and the village of Semenovsk, Kutuzov, guessing by the sounds of the battle and by Scherbinin's looks that the news was bad, rose as if to stretch his legs and, taking Scherbinin's arm, led him aside.

"Go, my dear fellow," he said to Ermolov, "and see whether something can't be done."

Kutuzov was in Gorki, near the center of the Russian position. The attack directed by Napoleon against our left flank had been several times repulsed. In the center the French had not got beyond Borodino, and on their left flank Uvarov's cavalry had put the French to flight.

Toward three o'clock the French attacks ceased. On the faces of all who came from the field of battle, and of those who stood around him, Kutuzov noticed an expression of extreme tension. He was satisfied with the day's success--a success exceeding his expectations, but the old man's strength was failing him. Several times his head dropped low as if it were falling and he dozed off. Dinner was brought him.

Adjutant General Wolzogen, the man who when riding past Prince Andrew had said, "the war should be extended widely," and whom Bagration so detested, rode up while Kutuzov was at dinner. Wolzogen had come from Barclay de Tolly to report on the progress of affairs on the left flank. The sagacious Barclay de Tolly, seeing crowds of wounded men running back and the disordered rear of the army, weighed all the circumstances, concluded that the battle was lost, and sent his favorite officer to the commander in chief with that news.

Kutuzov was chewing a piece of roast chicken with difficulty and

glanced at Wolzogen with eyes that brightened under their puckering lids.

Wolzogen, nonchalantly stretching his legs, approached Kutuzov with a half-contemptuous smile on his lips, scarcely touching the peak of his cap.

He treated his Serene Highness with a somewhat affected nonchalance intended to show that, as a highly trained military man, he left it to Russians to make an idol of this useless old man, but that he knew whom he was dealing with. "Der alte Herr" (as in their own set the Germans called Kutuzov) "is making himself very comfortable," thought Wolzogen, and looking severely at the dishes in front of Kutuzov he began to report to "the old gentleman" the position of affairs on the left flank as Barclay had ordered him to and as he himself had seen and understood it.

"All the points of our position are in the enemy's hands and we cannot dislodge them for lack of troops, the men are running away and it is impossible to stop them," he reported.

Kutuzov ceased chewing and fixed an astonished gaze on Wolzogen, as if not understand what was said to him. Wolzogen, noticing "the old gentleman's" agitation, said with a smile:

"I have not considered it right to conceal from your Serene Highness what I have seen. The troops are in complete disorder..."

"You have seen? You have seen?..." Kutuzov shouted frowning, and rising quickly he went up to Wolzogen.

"How... how dare you!..." he shouted, choking and making a threatening gesture with his trembling arms: "How dare you, sir, say that to me? You know nothing about it. Tell General Barclay from me that his information is incorrect and that the real course of the battle is better known to me, the commander in chief, than to him."

Wolzogen was about to make a rejoinder, but Kutuzov interrupted him.

"The enemy has been repulsed on the left and defeated on the right flank. If you have seen amiss, sir, do not allow yourself to say what you don't know! Be so good as to ride to General Barclay and inform him of my firm intention to attack the enemy tomorrow," said Kutuzov sternly.

All were silent, and the only sound audible was the heavy breathing of the panting old general.

"They are repulsed everywhere, for which I thank God and our brave army! The enemy is beaten, and tomorrow we shall drive him from the sacred soil of Russia," said Kutuzov crossing himself, and he suddenly sobbed as his eyes filled with tears.

Wolzogen, shrugging his shoulders and curling his lips, stepped silently aside, marveling at "the old gentleman's" conceited stupidity.

"Ah, here he is, my hero!" said Kutuzov to a portly, handsome, dark-haired general who was just ascending the knoll.

This was Raevski, who had spent the whole day at the most important part of the field of Borodino.

Raevski reported that the troops were firmly holding their ground and that the French no longer ventured to attack.

After hearing him, Kutuzov said in French:

"Then you do not think, like some others, that we must retreat?"

"On the contrary, your Highness, in indecisive actions it is always the most stubborn who remain victors," replied Raevski, "and in my opinion..."

"Kaysarov!" Kutuzov called to his adjutant. "Sit down and write out the order of the day for tomorrow. And you," he continued, addressing another, "ride along the line and that tomorrow we attack."

While Kutuzov was talking to Raevski and dictating the order of the day, Wolzogen returned from Barclay and said that General Barclay wished to have written confirmation of the order the field marshal had given.

Kutuzov, without looking at Wolzogen, gave directions for the order to be written out which the former commander in chief, to avoid personal responsibility, very judiciously wished to receive.

And by means of that mysterious indefinable bond which maintains throughout an army one and the same temper, known as "the spirit of the army," and which constitutes the sinew of war, Kutuzov's words, his order for a battle next day, immediately became known from one end of the army to the other.

It was far from being the same words or the same order that reached the farthest links of that chain. The tales passing from mouth to mouth at different ends of the army did not even resemble what

Kutuzov had said, but the sense of his words spread everywhere because what he said was not the outcome of cunning calculations, but of a feeling that lay in the commander in chief's soul as in that of every Russian.

And on learning that tomorrow they were to attack the enemy, and hearing from the highest quarters a confirmation of what they wanted to believe, the exhausted, wavering men felt comforted and inspirited.

CHAPTER XXXVI

Prince Andrew's regiment was among the reserves which till after one o'clock were stationed inactive behind Semenovsk, under heavy artillery fire. Toward two o'clock the regiment, having already lost more than two hundred men, was moved forward into a trampled oatfield in the gap between Semenovsk and the Knoll Battery, where thousands of men perished that day and on which an intense, concentrated fire from several hundred enemy guns was directed between one and two o'clock.

Without moving from that spot or firing a single shot the regiment here lost another third of its men. From in front and especially from the right, in the unlifting smoke the guns boomed, and out of the mysterious domain of smoke that overlay the whole space in front, quick hissing cannon balls and slow whistling shells flew unceasingly. At times, as if to allow them a respite, a quarter of an hour passed during which the cannon balls and shells all flew overhead, but sometimes several men were torn from the regiment in a minute and the slain were continually being dragged away and the wounded carried off.

With each fresh blow less and less chance of life remained for those not yet killed. The regiment stood in columns of battalion, three hundred paces apart, but nevertheless the men were always in one and the same mood. All alike were taciturn and morose. Talk was rarely heard in the ranks, and it ceased altogether every time the thud of a successful shot and the cry of "stretchers!" was heard. Most of the time, by their officers' order, the men sat on the ground. One, having taken off his shako, carefully loosened the gathers of its lining and drew them tight again; another, rubbing some dry clay between his palms, polished his bayonet; another fingered the strap and pulled the buckle of his bandolier, while another smoothed and refolded his leg bands and put his boots on again. Some built little

houses of the tufts in the plowed ground, or plaited baskets from the straw in the cornfield. All seemed fully absorbed in these pursuits. When men were killed or wounded, when rows of stretchers went past, when some troops retreated, and when great masses of the enemy came into view through the smoke, no one paid any attention to these things. But when our artillery or cavalry advanced or some of our infantry were seen to move forward, words of approval were heard on all sides. But the liveliest attention was attracted by occurrences quite apart from, and unconnected with, the battle. It was as if the minds of these morally exhausted men found relief in everyday, commonplace occurrences. A battery of artillery was passing in front of the regiment. The horse of an ammunition cart put its leg over a trace. "Hey, look at the trace horse!... Get her leg out! She'll fall... Ah, they don't see it!" came identical shouts from the ranks all along the regiment. Another time, general attention was attracted by a small brown dog, coming heaven knows whence, which trotted in a preoccupied manner in front of the ranks with tail stiffly erect till suddenly a shell fell close by, when it yelped, tucked its tail between its legs, and darted aside. Yells and shrieks of laughter rose from the whole regiment. But such distractions lasted only a moment, and for eight hours the men had been inactive, without food, in constant fear of death, and their pale and gloomy faces grew ever paler and gloomier.

Prince Andrew, pale and gloomy like everyone in the regiment, paced up and down from the border of one patch to another, at the edge of the meadow beside an oatfield, with head bowed and arms behind his back. There was nothing for him to do and no orders to be given. Everything went on of itself. The killed were dragged from the front, the wounded carried away, and the ranks closed up. If any soldiers ran to the rear they returned immediately and hastily. At first Prince Andrew, considering it his duty to rouse the courage of the men and to set them an example, walked about among the ranks, but he soon became convinced that this was unnecessary and that there was nothing he could teach them. All the powers of his soul, as of every soldier there, were unconsciously bent on avoiding the contemplation of the horrors of their situation. He walked along the meadow, dragging his feet, rustling the grass, and gazing at the dust that covered his boots; now he took big strides trying to keep to the footprints left on the meadow by the mowers, then he counted his steps, calculating how often he must walk from one strip to another to walk a mile, then he stripped the flowers from the wormwood that grew along a boundary rut, rubbed them in his palms, and smelled their pungent, sweetly bitter scent. Nothing remained of the previous day's thoughts. He thought of nothing. He listened with weary ears to the ever-recurring sounds, distinguishing the whistle of flying projectiles from the booming of the reports, glanced at the tiresomely familiar faces of the men of the first battalion, and waited. "Here it

comes... this one is coming our way again!" he thought, listening to an approaching whistle in the hidden region of smoke. "One, another! Again! It has hit...." He stopped and looked at the ranks. "No, it has gone over. But this one has hit!" And again he started trying to reach the boundary strip in sixteen paces. A whizz and a thud! Five paces from him, a cannon ball tore up the dry earth and disappeared. A chill ran down his back. Again he glanced at the ranks. Probably many had been hit--a large crowd had gathered near the second battalion.

"Adjutant!" he shouted. "Order them not to crowd together."

The adjutant, having obeyed this instruction, approached Prince Andrew. From the other side a battalion commander rode up.

"Look out!" came a frightened cry from a soldier and, like a bird whirring in rapid flight and alighting on the ground, a shell dropped with little noise within two steps of Prince Andrew and close to the battalion commander's horse. The horse first, regardless of whether it was right or wrong to show fear, snorted, reared almost throwing the major, and galloped aside. The horse's terror infected the men.

"Lie down!" cried the adjutant, throwing himself flat on the ground.

Prince Andrew hesitated. The smoking shell spun like a top between him and the prostrate adjutant, near a wormwood plant between the field and the meadow.

"Can this be death?" thought Prince Andrew, looking with a quite new, envious glance at the grass, the wormwood, and the streamlet of smoke that curled up from the rotating black ball. "I cannot, I do not wish to die. I love life--I love this grass, this earth, this air...." He thought this, and at the same time remembered that people were looking at him.

"It's shameful, sir!" he said to the adjutant. "What..."

He did not finish speaking. At one and the same moment came the sound of an explosion, a whistle of splinters as from a breaking window frame, a suffocating smell of powder, and Prince Andrew started to one side, raising his arm, and fell on his chest. Several officers ran up to him. From the right side of his abdomen, blood was welling out making a large stain on the grass.

The militiamen with stretchers who were called up stood behind the officers. Prince Andrew lay on his chest with his face in the grass, breathing heavily and noisily.

"What are you waiting for? Come along!"

The peasants went up and took him by his shoulders and legs, but he moaned piteously and, exchanging looks, they set him down again.

"Pick him up, lift him, it's all the same!" cried someone.

They again took him by the shoulders and laid him on the stretcher.

"Ah, God! My God! What is it? The stomach? That means death! My God!"--voices among the officers were heard saying.

"It flew a hair's breadth past my ear," said the adjutant.

The peasants, adjusting the stretcher to their shoulders, started hurriedly along the path they had trodden down, to the dressing station.

"Keep in step! Ah... those peasants!" shouted an officer, seizing by their shoulders and checking the peasants, who were walking unevenly and jolting the stretcher.

"Get into step, Fedor... I say, Fedor!" said the foremost peasant.

"Now that's right!" said the one behind joyfully, when he had got into step.

"Your excellency! Eh, Prince!" said the trembling voice of Timokhin, who had run up and was looking down on the stretcher.

Prince Andrew opened his eyes and looked up at the speaker from the stretcher into which his head had sunk deep and again his eyelids drooped.

The militiamen carried Prince Andrew to dressing station by the wood, where wagons were stationed. The dressing station consisted of three tents with flaps turned back, pitched at the edge of a birch wood. In the wood, wagons and horses were standing. The horses were eating oats from their movable troughs and sparrows flew down and pecked the grains that fell. Some crows, scenting blood, flew among the birch trees cawing impatiently. Around the tents, over more than five acres, bloodstained men in various garbs stood, sat, or lay. Around the wounded stood crowds of soldier stretcher-bearers with dismal and attentive faces, whom the officers keeping order tried in vain to drive from the spot. Disregarding the officers' orders, the soldiers stood leaning against their stretchers and gazing intently, as if trying to comprehend the difficult problem of what was taking

place before them. From the tents came now loud angry cries and now plaintive groans. Occasionally dressers ran out to fetch water, or to point out those who were to be brought in next. The wounded men awaiting their turn outside the tents groaned, sighed, wept, screamed, swore, or asked for vodka. Some were delirious. Prince Andrew's bearers, stepping over the wounded who had not yet been bandaged, took him, as a regimental commander, close up to one of the tents and there stopped, awaiting instructions. Prince Andrew opened his eyes and for a long time could not make out what was going on around him. He remembered the meadow, the wormwood, the field, the whirling black ball, and his sudden rush of passionate love of life. Two steps from him, leaning against a branch and talking loudly and attracting general attention, stood a tall, handsome, black-haired noncommissioned officer with a bandaged head. He had been wounded in the head and leg by bullets. Around him, eagerly listening to his talk, a crowd of wounded and stretcher-bearers was gathered.

"We kicked him out from there so that he chucked everything, we grabbed the King himself!" cried he, looking around him with eyes that glittered with fever. "If only reserves had come up just then, lads, there wouldn't have been nothing left of him! I tell you surely..."

Like all the others near the speaker, Prince Andrew looked at him with shining eyes and experienced a sense of comfort. "But isn't it all the same now?" thought he. "And what will be there, and what has there been here? Why was I so reluctant to part with life? There was something in this life I did not and do not understand."

CHAPTER XXXVII

One of the doctors came out of the tent in a bloodstained apron, holding a cigar between the thumb and little finger of one of his small bloodstained hands, so as not to smear it. He raised his head and looked about him, but above the level of the wounded men. He evidently wanted a little respite. After turning his head from right to left for some time, he sighed and looked down.

"All right, immediately," he replied to a dresser who pointed Prince Andrew out to him, and he told them to carry him into the tent.

Murmurs arose among the wounded who were waiting.

"It seems that even in the next world only the gentry are to have

a chance!" remarked one.

Prince Andrew was carried in and laid on a table that had only just been cleared and which a dresser was washing down. Prince Andrew could not make out distinctly what was in that tent. The pitiful groans from all sides and the torturing pain in his thigh, stomach, and back distracted him. All he saw about him merged into a general impression of naked, bleeding human bodies that seemed to fill the whole of the low tent, as a few weeks previously, on that hot August day, such bodies had filled the dirty pond beside the Smolensk road. Yes, it was the same flesh, the same chair a canon, the sight of which had even then filled him with horror, as by a presentiment.

There were three operating tables in the tent. Two were occupied, and on the third they placed Prince Andrew. For a little while he was left alone and involuntarily witnessed what was taking place on the other two tables. On the nearest one sat a Tartar, probably a Cossack, judging by the uniform thrown down beside him. Four soldiers were holding him, and a spectacled doctor was cutting into his muscular brown back.

"Ooh, ooh, ooh!" grunted the Tartar, and suddenly lifting up his swarthy snub-nosed face with its high cheekbones, and baring his white teeth, he began to wriggle and twitch his body and utter piercing, ringing, and prolonged yells. On the other table, round which many people were crowding, a tall well-fed man lay on his back with his head thrown back. His curly hair, its color, and the shape of his head seemed strangely familiar to Prince Andrew. Several dressers were pressing on his chest to hold him down. One large, white, plump leg twitched rapidly all the time with a feverish tremor. The man was sobbing and choking convulsively. Two doctors--one of whom was pale and trembling--were silently doing something to this man's other, gory leg. When he had finished with the Tartar, whom they covered with an overcoat, the spectacled doctor came up to Prince Andrew, wiping his hands.

He glanced at Prince Andrew's face and quickly turned away.

"Undress him! What are you waiting for?" he cried angrily to the dressers.

His very first, remotest recollections of childhood came back to Prince Andrew's mind when the dresser with sleeves rolled up began hastily to undo the buttons of his clothes and undressed him. The doctor bent down over the wound, felt it, and sighed deeply. Then he made a sign to someone, and the torturing pain in his abdomen caused Prince Andrew to lose consciousness. When he came to himself the

splintered portions of his thighbone had been extracted, the torn flesh cut away, and the wound bandaged. Water was being sprinkled on his face. As soon as Prince Andrew opened his eyes, the doctor bent over, kissed him silently on the lips, and hurried away.

After the sufferings he had been enduring, Prince Andrew enjoyed a blissful feeling such as he had not experienced for a long time. All the best and happiest moments of his life--especially his earliest childhood, when he used to be undressed and put to bed, and when leaning over him his nurse sang him to sleep and he, burying his head in the pillow, felt happy in the mere consciousness of life--returned to his memory, not merely as something past but as something present.

The doctors were busily engaged with the wounded man the shape of whose head seemed familiar to Prince Andrew: they were lifting him up and trying to quiet him.

"Show it to me.... Oh, ooh... Oh! Oh, ooh!" his frightened moans could be heard, subdued by suffering and broken by sobs.

Hearing those moans Prince Andrew wanted to weep. Whether because he was dying without glory, or because he was sorry to part with life, or because of those memories of a childhood that could not return, or because he was suffering and others were suffering and that man near him was groaning so piteously--he felt like weeping childlike, kindly, and almost happy tears.

The wounded man was shown his amputated leg stained with clotted blood and with the boot still on.

"Oh! Oh, ooh!" he sobbed, like a woman.

The doctor who had been standing beside him, preventing Prince Andrew from seeing his face, moved away.

"My God! What is this? Why is he here?" said Prince Andrew to himself.

In the miserable, sobbing, enfeebled man whose leg had just been amputated, he recognized Anatole Kuragin. Men were supporting him in their arms and offering him a glass of water, but his trembling, swollen lips could not grasp its rim. Anatole was sobbing painfully. "Yes, it is he! Yes, that man is somehow closely and painfully connected with me," thought Prince Andrew, not yet clearly grasping what he saw before him. "What is the connection of that man with my childhood and life?" he asked himself without finding an answer. And suddenly a new unexpected memory from that realm of pure and loving

childhood presented itself to him. He remembered Natasha as he had seen her for the first time at the ball in 1810, with her slender neck and arms and with a frightened happy face ready for rapture, and love and tenderness for her, stronger and more vivid than ever, awoke in his soul. He now remembered the connection that existed between himself and this man who was dimly gazing at him through tears that filled his swollen eyes. He remembered everything, and ecstatic pity and love for that man overflowed his happy heart.

Prince Andrew could no longer restrain himself and wept tender loving tears for his fellow men, for himself, and for his own and their errors.

"Compassion, love of our brothers, for those who love us and for those who hate us, love of our enemies; yes, that love which God preached on earth and which Princess Mary taught me and I did not understand--that is what made me sorry to part with life, that is what remained for me had I lived. But now it is too late. I know it!"

CHAPTER XXXVIII

The terrible spectacle of the battlefield covered with dead and wounded, together with the heaviness of his head and the news that some twenty generals he knew personally had been killed or wounded, and the consciousness of the impotence of his once mighty arm, produced an unexpected impression on Napoleon who usually liked to look at the killed and wounded, thereby, he considered, testing his strength of mind. This day the horrible appearance of the battlefield overcame that strength of mind which he thought constituted his merit and his greatness. He rode hurriedly from the battlefield and returned to the Shevardino knoll, where he sat on his campstool, his sallow face swollen and heavy, his eyes dim, his nose red, and his voice hoarse, involuntarily listening, with downcast eyes, to the sounds of firing. With painful dejection he awaited the end of this action, in which he regarded himself as a participant and which he was unable to arrest. A personal, human feeling for a brief moment got the better of the artificial phantasm of life he had served so long. He felt in his own person the sufferings and death he had witnessed on the battlefield. The heaviness of his head and chest reminded him of the possibility of suffering and death for himself. At that moment he did not desire Moscow, or victory, or glory (what need had he for any more glory?). The one thing he wished for was rest, tranquillity, and freedom. But when he had been on the

Semenovsk heights the artillery commander had proposed to him to bring several batteries of artillery up to those heights to strengthen the fire on the Russian troops crowded in front of Knyazkovo. Napoleon had assented and had given orders that news should be brought to him of the effect those batteries produced.

An adjutant came now to inform him that the fire of two hundred guns had been concentrated on the Russians, as he had ordered, but that they still held their ground.

"Our fire is mowing them down by rows, but still they hold on," said the adjutant.

"They want more!..." said Napoleon in a hoarse voice.

"Sire?" asked the adjutant who had not heard the remark.

"They want more!" croaked Napoleon frowning. "Let them have it!"

Even before he gave that order the thing he did not desire, and for which he gave the order only because he thought it was expected of him, was being done. And he fell back into that artificial realm of imaginary greatness, and again--as a horse walking a treadmill thinks it is doing something for itself--he submissively fulfilled the cruel, sad, gloomy, and inhuman role predestined for him.

And not for that day and hour alone were the mind and conscience darkened of this man on whom the responsibility for what was happening lay more than on all the others who took part in it. Never to the end of his life could he understand goodness, beauty, or truth, or the significance of his actions which were too contrary to goodness and truth, too remote from everything human, for him ever to be able to grasp their meaning. He could not disavow his actions, belauded as they were by half the world, and so he had to repudiate truth, goodness, and all humanity.

Not only on that day, as he rode over the battlefield strewn with men killed and maimed (by his will as he believed), did he reckon as he looked at them how many Russians there were for each Frenchman and, deceiving himself, find reason for rejoicing in the calculation that there were five Russians for every Frenchman. Not on that day alone did he write in a letter to Paris that "the battle field was superb," because fifty thousand corpses lay there, but even on the island of St. Helena in the peaceful solitude where he said he intended to devote his leisure to an account of the great deeds he had done, he wrote:

The Russian war should have been the most popular war of modern times: it was a war of good sense, for real interests, for the tranquillity and security of all; it was purely pacific and conservative.

It was a war for a great cause, the end of uncertainties and the beginning of security. A new horizon and new labors were opening out, full of well-being and prosperity for all. The European system was already founded; all that remained was to organize it.

Satisfied on these great points and with tranquillity everywhere, I too should have had my Congress and my Holy Alliance. Those ideas were stolen from me. In that reunion of great sovereigns we should have discussed our interests like one family, and have rendered account to the peoples as clerk to master.

Europe would in this way soon have been, in fact, but one people, and anyone who traveled anywhere would have found himself always in the common fatherland. I should have demanded the freedom of all navigable rivers for everybody, that the seas should be common to all, and that the great standing armies should be reduced henceforth to mere guards for the sovereigns.

On returning to France, to the bosom of the great, strong, magnificent, peaceful, and glorious fatherland, I should have proclaimed her frontiers immutable; all future wars purely defensive, all aggrandizement antinational. I should have associated my son in the Empire; my dictatorship would have been finished, and his constitutional reign would have begun.

Paris would have been the capital of the world, and the French the envy of the nations!

My leisure then, and my old age, would have been devoted, in company with the Empress and during the royal apprenticeship of my son, to leisurely visiting, with our own horses and like a true country couple, every corner of the Empire, receiving complaints, redressing wrongs, and scattering public buildings and benefactions on all sides and everywhere.

Napoleon, predestined by Providence for the gloomy role of executioner of the peoples, assured himself that the aim of his actions had been the peoples' welfare and that he could control the fate of millions and by the employment of power confer benefactions.

"Of four hundred thousand who crossed the Vistula," he wrote further

of the Russian war, "half were Austrians, Prussians, Saxons, Poles, Bavarians, Wurttembergers, Mecklenburgers, Spaniards, Italians, and Neapolitans. The Imperial army, strictly speaking, was one third composed of Dutch, Belgians, men from the borders of the Rhine, Piedmontese, Swiss, Genevese, Tuscans, Romans, inhabitants of the Thirty-second Military Division, of Bremen, of Hamburg, and so on: it included scarcely a hundred and forty thousand who spoke French. The Russian expedition actually cost France less than fifty thousand men; the Russian army in its retreat from Vilna to Moscow lost in the various battles four times more men than the French army; the burning of Moscow cost the lives of a hundred thousand Russians who died of cold and want in the woods; finally, in its march from Moscow to the Oder the Russian army also suffered from the severity of the season; so that by the the time it reached Vilna it numbered only fifty thousand, and at Kalisch less than eighteen thousand."

He imagined that the war with Russia came about by his will, and the horrors that occurred did not stagger his soul. He boldly took the whole responsibility for what happened, and his darkened mind found justification in the belief that among the hundreds of thousands who perished there were fewer Frenchmen than Hessians and Bavarians.

CHAPTER XXXIX

Several tens of thousands of the slain lay in diverse postures and various uniforms on the fields and meadows belonging to the Davydov family and to the crown serfs--those fields and meadows where for hundreds of years the peasants of Borodino, Gorki, Shevardino, and Semenovsk had reaped their harvests and pastured their cattle. At the dressing stations the grass and earth were soaked with blood for a space of some three acres around. Crowds of men of various arms, wounded and unwounded, with frightened faces, dragged themselves back to Mozhaysk from the one army and back to Valuevo from the other. Other crowds, exhausted and hungry, went forward led by their officers. Others held their ground and continued to fire.

Over the whole field, previously so gaily beautiful with the glitter of bayonets and cloudlets of smoke in the morning sun, there now spread a mist of damp and smoke and a strange acid smell of saltpeter and blood. Clouds gathered and drops of rain began to fall on the dead and wounded, on the frightened, exhausted, and hesitating men, as if to say: "Enough, men! Enough! Cease... bethink

yourselves! What are you doing?"

To the men of both sides alike, worn out by want of food and rest, it began equally to appear doubtful whether they should continue to slaughter one another; all the faces expressed hesitation, and the question arose in every soul: "For what, for whom, must I kill and be killed?... You may go and kill whom you please, but I don't want to do so anymore!" By evening this thought had ripened in every soul. At any moment these men might have been seized with horror at what they were doing and might have thrown up everything and run away anywhere.

But though toward the end of the battle the men felt all the horror of what they were doing, though they would have been glad to leave off, some incomprehensible, mysterious power continued to control them, and they still brought up the charges, loaded, aimed, and applied the match, though only one artilleryman survived out of every three, and though they stumbled and panted with fatigue, perspiring and stained with blood and powder. The cannon balls flew just as swiftly and cruelly from both sides, crushing human bodies, and that terrible work which was not done by the will of a man but at the will of Him who governs men and worlds continued.

Anyone looking at the disorganized rear of the Russian army would have said that, if only the French made one more slight effort, it would disappear; and anyone looking at the rear of the French army would have said that the Russians need only make one more slight effort and the French would be destroyed. But neither the French nor the Russians made that effort, and the flame of battle burned slowly out.

The Russians did not make that effort because they were not attacking the French. At the beginning of the battle they stood blocking the way to Moscow and they still did so at the end of the battle as at the beginning. But even had the aim of the Russians been to drive the French from their positions, they could not have made this last effort, for all the Russian troops had been broken up, there was no part of the Russian army that had not suffered in the battle, and though still holding their positions they had lost ONE HALF of their army.

The French, with the memory of all their former victories during fifteen years, with the assurance of Napoleon's invincibility, with the consciousness that they had captured part of the battlefield and had lost only a quarter of their men and still had their Guards intact, twenty thousand strong, might easily have made that effort. The French had attacked the Russian army in order to drive it from its position ought to have made that effort, for as long as the Russians

continued to block the road to Moscow as before, the aim of the French had not been attained and all their efforts and losses were in vain. But the French did not make that effort. Some historians say that Napoleon need only have used his Old Guards, who were intact, and the battle would have been won. To speak of what would have happened had Napoleon sent his Guards is like talking of what would happen if autumn became spring. It could not be. Napoleon did not give his Guards, not because he did not want to, but because it could not be done. All the generals, officers, and soldiers of the French army knew it could not be done, because the flagging spirit of the troops would not permit it.

It was not Napoleon alone who had experienced that nightmare feeling of the mighty arm being stricken powerless, but all the generals and soldiers of his army whether they had taken part in the battle or not, after all their experience of previous battles--when after one tenth of such efforts the enemy had fled--experienced a similar feeling of terror before an enemy who, after losing HALF his men, stood as threateningly at the end as at the beginning of the battle. The moral force of the attacking French army was exhausted. Not that sort of victory which is defined by the capture of pieces of material fastened to sticks, called standards, and of the ground on which the troops had stood and were standing, but a moral victory that convinces the enemy of the moral superiority of his opponent and of his own impotence was gained by the Russians at Borodino. The French invaders, like an infuriated animal that has in its onslaught received a mortal wound, felt that they were perishing, but could not stop, any more than the Russian army, weaker by one half, could help swerving. By impetus gained, the French army was still able to roll forward to Moscow, but there, without further effort on the part of the Russians, it had to perish, bleeding from the mortal wound it had received at Borodino. The direct consequence of the battle of Borodino was Napoleon's senseless flight from Moscow, his retreat along the old Smolensk road, the destruction of the invading army of five hundred thousand men, and the downfall of Napoleonic France, on which at Borodino for the first time the hand of an opponent of stronger spirit had been laid.

BOOK ELEVEN: 1812

CHAPTER I

Absolute continuity of motion is not comprehensible to the human mind. Laws of motion of any kind become comprehensible to man only when he examines arbitrarily selected elements of that motion; but at the same time, a large proportion of human error comes from the arbitrary division of continuous motion into discontinuous elements. There is a well known, so-called sophism of the ancients consisting in this, that Achilles could never catch up with a tortoise he was following, in spite of the fact that he traveled ten times as fast as the tortoise. By the time Achilles has covered the distance that separated him from the tortoise, the tortoise has covered one tenth of that distance ahead of him: when Achilles has covered that tenth, the tortoise has covered another one hundredth, and so on forever. This problem seemed to the ancients insoluble. The absurd answer (that Achilles could never overtake the tortoise) resulted from this: that motion was arbitrarily divided into discontinuous elements, whereas the motion both of Achilles and of the tortoise was continuous.

By adopting smaller and smaller elements of motion we only approach a solution of the problem, but never reach it. Only when we have admitted the conception of the infinitely small, and the resulting geometrical progression with a common ratio of one tenth, and have found the sum of this progression to infinity, do we reach a solution of the problem.

A modern branch of mathematics having achieved the art of dealing with the infinitely small can now yield solutions in other more complex problems of motion which used to appear insoluble.

This modern branch of mathematics, unknown to the ancients, when dealing with problems of motion admits the conception of the infinitely small, and so conforms to the chief condition of motion (absolute continuity) and thereby corrects the inevitable error which the human mind cannot avoid when it deals with separate elements of motion instead of examining continuous motion.

In seeking the laws of historical movement just the same thing happens. The movement of humanity, arising as it does from innumerable arbitrary human wills, is continuous.

To understand the laws of this continuous movement is the aim of history. But to arrive at these laws, resulting from the sum of all those human wills, man's mind postulates arbitrary and disconnected units. The first method of history is to take an arbitrarily selected series of continuous events and examine it apart from others, though there is and can be no beginning to any event, for one event

always flows uninterruptedly from another.

The second method is to consider the actions of some one man--a king or a commander--as equivalent to the sum of many individual wills; whereas the sum of individual wills is never expressed by the activity of a single historic personage.

Historical science in its endeavor to draw nearer to truth continually takes smaller and smaller units for examination. But however small the units it takes, we feel that to take any unit disconnected from others, or to assume a beginning of any phenomenon, or to say that the will of many men is expressed by the actions of any one historic personage, is in itself false.

It needs no critical exertion to reduce utterly to dust any deductions drawn from history. It is merely necessary to select some larger or smaller unit as the subject of observation--as criticism has every right to do, seeing that whatever unit history observes must always be arbitrarily selected.

Only by taking infinitesimally small units for observation (the differential of history, that is, the individual tendencies of men) and attaining to the art of integrating them (that is, finding the sum of these infinitesimals) can we hope to arrive at the laws of history.

The first fifteen years of the nineteenth century in Europe present an extraordinary movement of millions of people. Men leave their customary pursuits, hasten from one side of Europe to the other, plunder and slaughter one another, triumph and are plunged in despair, and for some years the whole course of life is altered and presents an intensive movement which first increases and then slackens. What was the cause of this movement, by what laws was it governed? asks the mind of man.

The historians, replying to this question, lay before us the sayings and doings of a few dozen men in a building in the city of Paris, calling these sayings and doings "the Revolution"; then they give a detailed biography of Napoleon and of certain people favorable or hostile to him; tell of the influence some of these people had on others, and say: that is why this movement took place and those are its laws.

But the mind of man not only refuses to believe this explanation, but plainly says that this method of explanation is fallacious, because in it a weaker phenomenon is taken as the cause of a stronger. The sum of human wills produced the Revolution and Napoleon, and only the sum of those wills first tolerated and then destroyed them.

"But every time there have been conquests there have been conquerors; every time there has been a revolution in any state there have been great men," says history. And, indeed, human reason replies: every time conquerors appear there have been wars, but this does not prove that the conquerors caused the wars and that it is possible to find the laws of a war in the personal activity of a single man. Whenever I look at my watch and its hands point to ten, I hear the bells of the neighboring church; but because the bells begin to ring when the hands of the clock reach ten, I have no right to assume that the movement of the bells is caused by the position of the hands of the watch.

Whenever I see the movement of a locomotive I hear the whistle and see the valves opening and wheels turning; but I have no right to conclude that the whistling and the turning of wheels are the cause of the movement of the engine.

The peasants say that a cold wind blows in late spring because the oaks are budding, and really every spring cold winds do blow when the oak is budding. But though I do not know what causes the cold winds to blow when the oak buds unfold, I cannot agree with the peasants that the unfolding of the oak buds is the cause of the cold wind, for the force of the wind is beyond the influence of the buds. I see only a coincidence of occurrences such as happens with all the phenomena of life, and I see that however much and however carefully I observe the hands of the watch, and the valves and wheels of the engine, and the oak, I shall not discover the cause of the bells ringing, the engine moving, or of the winds of spring. To that I must entirely change my point of view and study the laws of the movement of steam, of the bells, and of the wind. History must do the same. And attempts in this direction have already been made.

To study the laws of history we must completely change the subject of our observation, must leave aside kings, ministers, and generals, and the common, infinitesimally small elements by which the masses are moved. No one can say in how far it is possible for man to advance in this way toward an understanding of the laws of history; but it is evident that only along that path does the possibility of discovering the laws of history lie, and that as yet not a millionth part as much mental effort has been applied in this direction by historians as has been devoted to describing the actions of various kings, commanders, and ministers and propounding the historians' own reflections concerning these actions.

CHAPTER II

The forces of a dozen European nations burst into Russia. The Russian army and people avoided a collision till Smolensk was reached, and again from Smolensk to Borodino. The French army pushed on to Moscow, its goal, its impetus ever increasing as it neared its aim, just as the velocity of a falling body increases as it approaches the earth. Behind it were seven hundred miles of hunger-stricken, hostile country; ahead were a few dozen miles separating it from its goal. Every soldier in Napoleon's army felt this and the invasion moved on by its own momentum.

The more the Russian army retreated the more fiercely a spirit of hatred of the enemy flared up, and while it retreated the army increased and consolidated. At Borodino a collision took place. Neither army was broken up, but the Russian army retreated immediately after the collision as inevitably as a ball recoils after colliding with another having a greater momentum, and with equal inevitability the ball of invasion that had advanced with such momentum rolled on for some distance, though the collision had deprived it of all its force.

The Russians retreated eighty miles--to beyond Moscow--and the French reached Moscow and there came to a standstill. For five weeks after that there was not a single battle. The French did not move. As a bleeding, mortally wounded animal licks its wounds, they remained inert in Moscow for five weeks, and then suddenly, with no fresh reason, fled back: they made a dash for the Kaluga road, and (after a victory--for at Malo-Yaroslavets the field of conflict again remained theirs) without undertaking a single serious battle, they fled still more rapidly back to Smolensk, beyond Smolensk, beyond the Berezina, beyond Vilna, and farther still.

On the evening of the twenty-sixth of August, Kutuzov and the whole Russian army were convinced that the battle of Borodino was a victory. Kutuzov reported so to the Emperor. He gave orders to prepare for a fresh conflict to finish the enemy and did this not to deceive anyone, but because he knew that the enemy was beaten, as everyone who had taken part in the battle knew it.

But all that evening and next day reports came in one after another of unheard-of losses, of the loss of half the army, and a fresh battle proved physically impossible.

It was impossible to give battle before information had been collected, the wounded gathered in, the supplies of ammunition replenished, the slain reckoned up, new officers appointed to

replace those who had been killed, and before the men had had food and sleep. And meanwhile, the very next morning after the battle, the French army advanced of itself upon the Russians, carried forward by the force of its own momentum now seemingly increased in inverse proportion to the square of the distance from its aim. Kutuzov's wish was to attack next day, and the whole army desired to do so. But to make an attack the wish to do so is not sufficient, there must also be a possibility of doing it, and that possibility did not exist. It was impossible not to retreat a day's march, and then in the same way it was impossible not to retreat another and a third day's march, and at last, on the first of September when the army drew near Moscow--despite the strength of the feeling that had arisen in all ranks--the force of circumstances compelled it to retire beyond Moscow. And the troops retired one more, last, day's march, and abandoned Moscow to the enemy.

For people accustomed to think that plans of campaign and battles are made by generals--as any one of us sitting over a map in his study may imagine how he would have arranged things in this or that battle--the questions present themselves: Why did Kutuzov during the retreat not do this or that? Why did he not take up a position before reaching Fili? Why did he not retire at once by the Kaluga road, abandoning Moscow? and so on. People accustomed to think in that way forget, or do not know, the inevitable conditions which always limit the activities of any commander in chief. The activity of a commander in chief does not all resemble the activity we imagine to ourselves when we sit at ease in our studies examining some campaign on the map, with a certain number of troops on this and that side in a certain known locality, and begin our plans from some given moment. A commander in chief is never dealing with the beginning of any event--the position from which we always contemplate it. The commander in chief is always in the midst of a series of shifting events and so he never can at any moment consider the whole import of an event that is occurring. Moment by moment the event is imperceptibly shaping itself, and at every moment of this continuous, uninterrupted shaping of events the commander in chief is in the midst of a most complex play of intrigues, worries, contingencies, authorities, projects, counsels, threats, and deceptions and is continually obliged to reply to innumerable questions addressed to him, which constantly conflict with one another.

Learned military authorities quite seriously tell us that Kutuzov should have moved his army to the Kaluga road long before reaching Fili, and that somebody actually submitted such a proposal to him. But a commander in chief, especially at a difficult moment, has always before him not one proposal but dozens simultaneously. And all these proposals, based on strategics and tactics, contradict each other.

A commander in chief's business, it would seem, is simply to choose one of these projects. But even that he cannot do. Events and time do not wait. For instance, on the twenty-eighth it is suggested to him to cross to the Kaluga road, but just then an adjutant gallops up from Miloradovich asking whether he is to engage the French or retire. An order must be given him at once, that instant. And the order to retreat carries us past the turn to the Kaluga road. And after the adjutant comes the commissary general asking where the stores are to be taken, and the chief of the hospitals asks where the wounded are to go, and a courier from Petersburg brings a letter from the sovereign which does not admit of the possibility of abandoning Moscow, and the commander in chief's rival, the man who is undermining him (and there are always not merely one but several such), presents a new project diametrically opposed to that of turning to the Kaluga road, and the commander in chief himself needs sleep and refreshment to maintain his energy and a respectable general who has been overlooked in the distribution of rewards comes to complain, and the inhabitants of the district pray to be defended, and an officer sent to inspect the locality comes in and gives a report quite contrary to what was said by the officer previously sent; and a spy, a prisoner, and a general who has been on reconnaissance, all describe the position of the enemy's army differently. People accustomed to misunderstand or to forget these inevitable conditions of a commander in chief's actions describe to us, for instance, the position of the army at Fili and assume that the commander in chief could, on the first of September, quite freely decide whether to abandon Moscow or defend it; whereas, with the Russian army less than four miles from Moscow, no such question existed. When had that question been settled? At Drissa and at Smolensk and most palpably of all on the twenty-fourth of August at Shevardino and on the twenty-sixth at Borodino, and each day and hour and minute of the retreat from Borodino to Fili.

CHAPTER III

When Ermolov, having been sent by Kutuzov to inspect the position, told the field marshal that it was impossible to fight there before Moscow and that they must retreat, Kutuzov looked at him in silence.

"Give me your hand," said he and, turning it over so as to feel the pulse, added: "You are not well, my dear fellow. Think what you are saying!"

Kutuzov could not yet admit the possibility of retreating beyond Moscow without a battle.

On the Poklonny Hill, four miles from the Dorogomilov gate of Moscow, Kutuzov got out of his carriage and sat down on a bench by the roadside. A great crowd of generals gathered round him, and Count Rostopchin, who had come out from Moscow, joined them. This brilliant company separated into several groups who all discussed the advantages and disadvantages of the position, the state of the army, the plans suggested, the situation of Moscow, and military questions generally. Though they had not been summoned for the purpose, and though it was not so called, they all felt that this was really a council of war. The conversations all dealt with public questions. If anyone gave or asked for personal news, it was done in a whisper and they immediately reverted to general matters. No jokes, or laughter, or smiles even, were seen among all these men. They evidently all made an effort to hold themselves at the height the situation demanded. And all these groups, while talking among themselves, tried to keep near the commander in chief (whose bench formed the center of the gathering) and to speak so that he might overhear them. The commander in chief listened to what was being said and sometimes asked them to repeat their remarks, but did not himself take part in the conversations or express any opinion. After hearing what was being said by one or other of these groups he generally turned away with an air of disappointment, as though they were not speaking of anything he wished to hear. Some discussed the position that had been chosen, criticizing not the position itself so much as the mental capacity of those who had chosen it. Others argued that a mistake had been made earlier and that a battle should have been fought two days before. Others again spoke of the battle of Salamanca, which was described by Crosart, a newly arrived Frenchman in a Spanish uniform. (This Frenchman and one of the German princes serving with the Russian army were discussing the siege of Saragossa and considering the possibility of defending Moscow in a similar manner.) Count Rostopchin was telling a fourth group that he was prepared to die with the city train bands under the walls of the capital, but that he still could not help regretting having been left in ignorance of what was happening, and that had he known it sooner things would have been different.... A fifth group, displaying the profundity of their strategic perceptions, discussed the direction the troops would now have to take. A sixth group was talking absolute nonsense. Kutuzov's expression grew more and more preoccupied and gloomy. From all this talk he saw only one thing: that to defend Moscow was a physical impossibility in the full meaning of those words, that is to say, so utterly impossible that if any senseless commander were to give orders to fight, confusion would result but the battle would still not take place. It would not take place because the commanders not merely all recognized the position to

be impossible, but in their conversations were only discussing what would happen after its inevitable abandonment. How could the commanders lead their troops to a field of battle they considered impossible to hold? The lower-grade officers and even the soldiers (who too reason) also considered the position impossible and therefore could not go to fight, fully convinced as they were of defeat. If Bennigsen insisted on the position being defended and others still discussed it, the question was no longer important in itself but only as a pretext for disputes and intrigue. This Kutuzov knew well.

Bennigsen, who had chosen the position, warmly displayed his Russian patriotism (Kutuzov could not listen to this without wincing) by insisting that Moscow must be defended. His aim was as clear as daylight to Kutuzov: if the defense failed, to throw the blame on Kutuzov who had brought the army as far as the Sparrow Hills without giving battle; if it succeeded, to claim the success as his own; or if battle were not given, to clear himself of the crime of abandoning Moscow. But this intrigue did not now occupy the old man's mind. One terrible question absorbed him and to that question he heard no reply from anyone. The question for him now was: "Have I really allowed Napoleon to reach Moscow, and when did I do so? When was it decided? Can it have been yesterday when I ordered Platov to retreat, or was it the evening before, when I had a nap and told Bennigsen to issue orders? Or was it earlier still?... When, when was this terrible affair decided? Moscow must be abandoned. The army must retreat and the order to do so must be given." To give that terrible order seemed to him equivalent to resigning the command of the army. And not only did he love power to which he was accustomed (the honours awarded to Prince Prozorovski, under whom he had served in Turkey, galled him), but he was convinced that he was destined to save Russia and that that was why, against the Emperor's wish and by the will of the people, he had been chosen commander in chief. He was convinced that he alone could maintain command of the army in these difficult circumstances, and that in all the world he alone could encounter the invincible Napoleon without fear, and he was horrified at the thought of the order he had to issue. But something had to be decided, and these conversations around him which were assuming too free a character must be stopped.

He called the most important generals to him.

"My head, be it good or bad, must depend on itself," said he, rising from the bench, and he rode to Fili where his carriages were waiting.

CHAPTER IV

The Council of War began to assemble at two in the afternoon in the better and roomier part of Andrew Savostyanov's hut. The men, women, and children of the large peasant family crowded into the back room across the passage. Only Malasha, Andrew's six-year-old granddaughter whom his Serene Highness had petted and to whom he had given a lump of sugar while drinking his tea, remained on the top of the brick oven in the larger room. Malasha looked down from the oven with shy delight at the faces, uniforms, and decorations of the generals, who one after another came into the room and sat down on the broad benches in the corner under the icons. "Granddad" himself, as Malasha in her own mind called Kutuzov, sat apart in a dark corner behind the oven. He sat, sunk deep in a folding armchair, and continually cleared his throat and pulled at the collar of his coat which, though it was unbuttoned, still seemed to pinch his neck. Those who entered went up one by one to the field marshal; he pressed the hands of some and nodded to others. His adjutant Kaysarov was about to draw back the curtain of the window facing Kutuzov, but the latter moved his hand angrily and Kaysarov understood that his Serene Highness did not wish his face to be seen.

Round the peasant's deal table, on which lay maps, plans, pencils, and papers, so many people gathered that the orderlies brought in another bench and put it beside the table. Ermolov, Kaysarov, and Toll, who had just arrived, sat down on this bench. In the foremost place, immediately under the icons, sat Barclay de Tolly, his high forehead merging into his bald crown. He had a St. George's Cross round his neck and looked pale and ill. He had been feverish for two days and was now shivering and in pain. Beside him sat Uvarov, who with rapid gesticulations was giving him some information, speaking in low tones as they all did. Chubby little Dokhturov was listening attentively with eyebrows raised and arms folded on his stomach. On the other side sat Count Ostermann-Tolstoy, seemingly absorbed in his own thoughts. His broad head with its bold features and glittering eyes was resting on his hand. Raevski, twitching forward the black hair on his temples as was his habit, glanced now at Kutuzov and now at the door with a look of impatience. Konovnitsyn's firm, handsome, and kindly face was lit up by a tender, sly smile. His glance met Malasha's, and the expression of his eyes caused the little girl to smile.

They were all waiting for Bennigsen, who on the pretext of inspecting the position was finishing his savory dinner. They waited for him from four till six o'clock and did not begin their deliberations all that time talked in low tones of other matters.

Only when Bennigsen had entered the hut did Kutuzov leave his corner and draw toward the table, but not near enough for the candles that had been placed there to light up his face.

Bennigsen opened the council with the question: "Are we to abandon Russia's ancient and sacred capital without a struggle, or are we to defend it?" A prolonged and general silence followed. There was a frown on every face and only Kutuzov's angry grunts and occasional cough broke the silence. All eyes were gazing at him. Malasha too looked at "Granddad." She was nearest to him and saw how his face puckered; he seemed about to cry, but this did not last long.

"Russia's ancient and sacred capital!" he suddenly said, repeating Bennigsen's words in an angry voice and thereby drawing attention to the false note in them. "Allow me to tell you, your excellency, that that question has no meaning for a Russian." (He lurched his heavy body forward.) "Such a question cannot be put; it is senseless! The question I have asked these gentlemen to meet to discuss is a military one. The question is that of saving Russia. Is it better to give up Moscow without a battle, or by accepting battle to risk losing the army as well as Moscow? That is the question on which I want your opinion," and he sank back in his chair.

The discussion began. Bennigsen did not yet consider his game lost. Admitting the view of Barclay and others that a defensive battle at Fili was impossible, but imbued with Russian patriotism and the love of Moscow, he proposed to move troops from the right to the left flank during the night and attack the French right flank the following day. Opinions were divided, and arguments were advanced for and against that project. Ermolov, Dokhturov, and Raevski agreed with Bennigsen. Whether feeling it necessary to make a sacrifice before abandoning the capital or guided by other, personal considerations, these generals seemed not to understand that this council could not alter the inevitable course of events and that Moscow was in effect already abandoned. The other generals, however, understood it and, leaving aside the question of Moscow, of the direction the army should take in its retreat. Malasha, who kept her eyes fixed on what was going on before her, understood the meaning of the council differently. It seemed to her that it was only a personal struggle between "Granddad" and "Long-coat" as she termed Bennigsen. She saw that they grew spiteful when they spoke to one another, and in her heart she sided with "Granddad." In the midst of the conversation she noticed "Granddad" give Bennigsen a quick, subtle glance, and then to her joys he saw that "Granddad" said something to "Long-coat" which settled him. Bennigsen suddenly reddened and paced angrily up and down the room. What so affected him was Kutuzov's calm and quiet comment on the advantage or disadvantage of Bennigsen's proposal to move troops by night from the right to the left flank to

attack the French right wing.

"Gentlemen," said Kutuzov, "I cannot approve of the count's plan. Moving troops in close proximity to an enemy is always dangerous, and military history supports that view. For instance..." Kutuzov seemed to reflect, searching for an example, then with a clear, naive look at Bennigsen he added: "Oh yes; take the battle of Friedland, which I think the count well remembers, and which was... not fully successful, only because our troops were rearranged too near the enemy..."

There followed a momentary pause, which seemed very long to them all.

The discussion recommenced, but pauses frequently occurred and they all felt that there was no more to be said.

During one of these pauses Kutuzov heaved a deep sigh as if preparing to speak. They all looked at him.

"Well, gentlemen, I see that it is I who will have to pay for the broken crockery," said he, and rising slowly he moved to the table. "Gentlemen, I have heard your views. Some of you will not agree with me. But I," he paused, "by the authority entrusted to me by my Sovereign and country, order a retreat."

After that the generals began to disperse with the solemnity and circumspect silence of people who are leaving, after a funeral.

Some of the generals, in low tones and in a strain very different from the way they had spoken during the council, communicated something to their commander in chief.

Malasha, who had long been expected for supper, climbed carefully backwards down from the oven, her bare little feet catching at its projections, and slipping between the legs of the generals she darted out of the room.

When he had dismissed the generals Kutuzov sat a long time with his elbows on the table, thinking always of the same terrible question: "When, when did the abandonment of Moscow become inevitable? When was that done which settled the matter? And who was to blame for it?"

"I did not expect this," said he to his adjutant Schneider when the latter came in late that night. "I did not expect this! I did not think this would happen."

"You should take some rest, your Serene Highness," replied Schneider.

"But no! They shall eat horseflesh yet, like the Turks!" exclaimed Kutuzov without replying, striking the table with his podgy fist. "They shall too, if only..."

CHAPTER V

At that very time, in circumstances even more important than retreating without a battle, namely the evacuation and burning of Moscow, Rostopchin, who is usually represented as being the instigator of that event, acted in an altogether different manner from Kutuzov.

After the battle of Borodino the abandonment and burning of Moscow was as inevitable as the retreat of the army beyond Moscow without fighting.

Every Russian might have predicted it, not by reasoning but by the feeling implanted in each of us and in our fathers.

The same thing that took place in Moscow had happened in all the towns and villages on Russian soil beginning with Smolensk, without the participation of Count Rostopchin and his broadsheets. The people awaited the enemy unconcernedly, did not riot or become excited or tear anyone to pieces, but faced its fate, feeling within it the strength to find what it should do at that most difficult moment. And as soon as the enemy drew near the wealthy classes went away abandoning their property, while the poorer remained and burned and destroyed what was left.

The consciousness that this would be so and would always be so was and is present in the heart of every Russian. And a consciousness of this, and a foreboding that Moscow would be taken, was present in Russian Moscow society in 1812. Those who had quitted Moscow already in July and at the beginning of August showed that they expected this. Those who went away, taking what they could and abandoning their houses and half their belongings, did so from the latent patriotism which expresses itself not by phrases or by giving one's children to save the fatherland and similar unnatural exploits, but unobtrusively, simply, organically, and therefore in the way that always produces the most powerful results.

"It is disgraceful to run away from danger; only cowards are running away from Moscow," they were told. In his broadsheets Rostopchin impressed on them that to leave Moscow was shameful. They were ashamed to be called cowards, ashamed to leave, but still they left, knowing it had to be done. Why did they go? It is impossible to suppose that Rostopchin had scared them by his accounts of horrors Napoleon had committed in conquered countries. The first people to go away were the rich educated people who knew quite well that Vienna and Berlin had remained intact and that during Napoleon's occupation the inhabitants had spent their time pleasantly in the company of the charming Frenchmen whom the Russians, and especially the Russian ladies, then liked so much.

They went away because for Russians there could be no question as to whether things would go well or ill under French rule in Moscow. It was out of the question to be under French rule, it would be the worst thing that could happen. They went away even before the battle of Borodino and still more rapidly after it, despite Rostopchin's calls to defend Moscow or the announcement of his intention to take the wonder-working icon of the Iberian Mother of God and go to fight, or of the balloons that were to destroy the French, and despite all the nonsense Rostopchin wrote in his broadsheets. They knew that it was for the army to fight, and that if it could not succeed it would not do to take young ladies and house serfs to the Three Hills quarter of Moscow to fight Napoleon, and that they must go away, sorry as they were to abandon their property to destruction. They went away without thinking of the tremendous significance of that immense and wealthy city being given over to destruction, for a great city with wooden buildings was certain when abandoned by its inhabitants to be burned. They went away each on his own account, and yet it was only in consequence of their going away that the momentous event was accomplished that will always remain the greatest glory of the Russian people. The lady who, afraid of being stopped by Count Rostopchin's orders, had already in June moved with her Negroes and her women jesters from Moscow to her Saratov estate, with a vague consciousness that she was not Bonaparte's servant, was really, simply, and truly carrying out the great work which saved Russia. But Count Rostopchin, who now taunted those who left Moscow and now had the government offices removed; now distributed quite useless weapons to the drunken rabble; now had processions displaying the icons, and now forbade Father Augustin to remove icons or the relics of saints; now seized all the private carts in Moscow and on one hundred and thirty-six of them removed the balloon that was being constructed by Leppich; now hinted that he would burn Moscow and related how he had set fire to his own house; now wrote a proclamation to the French solemnly upbraiding them for having destroyed his Orphanage; now claimed the glory of having hinted that he would burn Moscow and now repudiated the deed; now ordered the people to catch

all spies and bring them to him, and now reproached them for doing so; now expelled all the French residents from Moscow, and now allowed Madame Aubert-Chalme (the center of the whole French colony in Moscow) to remain, but ordered the venerable old postmaster Klyucharev to be arrested and exiled for no particular offense; now assembled the people at the Three Hills to fight the French and now, to get rid of them, handed over to them a man to be killed and himself drove away by a back gate; now declared that he would not survive the fall of Moscow, and now wrote French verses in albums concerning his share in the affair--this man did not understand the meaning of what was happening but merely wanted to do something himself that would astonish people, to perform some patriotically heroic feat; and like a child he made sport of the momentous, and unavoidable event--the abandonment and burning of Moscow--and tried with his puny hand now to speed and now to stay the enormous, popular tide that bore him along with it.

CHAPTER VI

Helene, having returned with the court from Vilna to Petersburg, found herself in a difficult position.

In Petersburg she had enjoyed the special protection of a grandee who occupied one of the highest posts in the Empire. In Vilna she had formed an intimacy with a young foreign prince. When she returned to Petersburg both the magnate and the prince were there, and both claimed their rights. Helene was faced by a new problem--how to preserve her intimacy with both without offending either.

What would have seemed difficult or even impossible to another woman did not cause the least embarrassment to Countess Bezukhova, who evidently deserved her reputation of being a very clever woman. Had she attempted concealment, or tried to extricate herself from her awkward position by cunning, she would have spoiled her case by acknowledging herself guilty. But Helene, like a really great man who can do whatever he pleases, at once assumed her own position to be correct, as she sincerely believed it to be, and that everyone else was to blame.

The first time the young foreigner allowed himself to reproach her, she lifted her beautiful head and, half turning to him, said firmly: "That's just like a man--selfish and cruel! I expected nothing else. A woman sacrifices herself for you, she suffers, and this is her

reward! What right have you, monseigneur, to demand an account of my attachments and friendships? He is a man who has been more than a father to me!" The prince was about to say something, but Helene interrupted him.

"Well, yes," said she, "it may be that he has other sentiments for me than those of a father, but that is not a reason for me to shut my door on him. I am not a man, that I should repay kindness with ingratitude! Know, monseigneur, that in all that relates to my intimate feelings I render account only to God and to my conscience," she concluded, laying her hand on her beautiful, fully expanded bosom and looking up to heaven.

"But for heaven's sake listen to me!"

"Marry me, and I will be your slave!"

"But that's impossible."

"You won't deign to demean yourself by marrying me, you..." said Helene, beginning to cry.

The prince tried to comfort her, but Helene, as if quite distraught, said through her tears that there was nothing to prevent her marrying, that there were precedents (there were up to that time very few, but she mentioned Napoleon and some other exalted personages), that she had never been her husband's wife, and that she had been sacrificed.

"But the law, religion..." said the prince, already yielding.

"The law, religion... What have they been invented for if they can't arrange that?" said Helene.

The prince was surprised that so simple an idea had not occurred to him, and he applied for advice to the holy brethren of the Society of Jesus, with whom he was on intimate terms.

A few days later at one of those enchanting fetes which Helene gave at her country house on the Stone Island, the charming Monsieur de Jobert, a man no longer young, with snow white hair and brilliant black eyes, a Jesuit a robe courte* was presented to her, and in the garden by the light of the illuminations and to the sound of music talked to her for a long time of the love of God, of Christ, of the Sacred Heart, and of the consolations the one true Catholic religion affords in this world and the next. Helene was touched, and more than once tears rose to her eyes and to those of Monsieur de Jobert and their voices trembled. A dance, for which her partner came to seek her, put an end to her discourse with her future directeur de

conscience, but the next evening Monsieur de Jobert came to see Helene when she was alone, and after that often came again.

*Lay member of the Society of Jesus.

One day he took the countess to a Roman Catholic church, where she knelt down before the altar to which she was led. The enchanting, middle-aged Frenchman laid his hands on her head and, as she herself afterward described it, she felt something like a fresh breeze wafted into her soul. It was explained to her that this was la grace.

After that a long-froaked abbe was brought to her. She confessed to him, and he absolved her from her sins. Next day she received a box containing the Sacred Host, which was left at her house for her to partake of. A few days later Helene learned with pleasure that she had now been admitted to the true Catholic Church and that in a few days the Pope himself would hear of her and would send her a certain document.

All that was done around her and to her at this time, all the attention devoted to her by so many clever men and expressed in such pleasant, refined ways, and the state of dove-like purity she was now in (she wore only white dresses and white ribbons all that time) gave her pleasure, but her pleasure did not cause her for a moment to forget her aim. And as it always happens in contests of cunning that a stupid person gets the better of cleverer ones, Helene- having realized that the main object of all these words and all this trouble was, after converting her to Catholicism, to obtain money from her for Jesuit institutions (as to which she received indications)- before parting with her money insisted that the various operations necessary to free her from her husband should be performed. In her view the aim of every religion was merely to preserve certain proprieties while affording satisfaction to human desires. And with this aim, in one of her talks with her Father Confessor, she insisted on an answer to the question, in how far was she bound by her marriage?

They were sitting in the twilight by a window in the drawing room. The scent of flowers came in at the window. Helene was wearing a white dress, transparent over her shoulders and bosom. The abbe, a well-fed man with a plump, clean-shaven chin, a pleasant firm mouth, and white hands meekly folded on his knees, sat close to Helene and, with a subtle smile on his lips and a peaceful look of delight at her beauty, occasionally glanced at her face as he explained his opinion on the subject. Helene with an uneasy smile looked at his curly hair and his plump, clean-shaven, blackish cheeks and every

moment expected the conversation to take a fresh turn. But the abbe, though he evidently enjoyed the beauty of his companion, was absorbed in his mastery of the matter.

The course of the Father Confessor's arguments ran as follows: "Ignorant of the import of what you were undertaking, you made a vow of conjugal fidelity to a man who on his part, by entering the married state without faith in the religious significance of marriage, committed an act of sacrilege. That marriage lacked the dual significance it should have had. Yet in spite of this your vow was binding. You swerved from it. What did you commit by so acting? A venial, or a mortal, sin? A venial sin, for you acted without evil intention. If now you married again with the object of bearing children, your sin might be forgiven. But the question is again a twofold one: firstly..."

But suddenly Helene, who was getting bored, said with one of her bewitching smiles: "But I think that having espoused the true religion I cannot be bound by what a false religion laid upon me."

The director of her conscience was astounded at having the case presented to him thus with the simplicity of Columbus' egg. He was delighted at the unexpected rapidity of his pupil's progress, but could not abandon the edifice of argument he had laboriously constructed.

"Let us understand one another, Countess," said he with a smile, and began refuting his spiritual daughter's arguments.

CHAPTER VII

Helene understood that the question was very simple and easy from the ecclesiastical point of view, and that her directors were making difficulties only because they were apprehensive as to how the matter would be regarded by the secular authorities.

So she decided that it was necessary to prepare the opinion of society. She provoked the jealousy of the elderly magnate and told him what she had told her other suitor; that is, she put the matter so that the only way for him to obtain a right over her was to marry her. The elderly magnate was at first as much taken aback by this suggestion of marriage with a woman whose husband was alive, as the younger man had been, but Helene's imperturbable conviction that it

was as simple and natural as marrying a maiden had its effect on him too. Had Helene herself shown the least sign of hesitation, shame, or secrecy, her cause would certainly have been lost; but not only did she show no signs of secrecy or shame, on the contrary, with good-natured naivete she told her intimate friends (and these were all Petersburg) that both the prince and the magnate had proposed to her and that she loved both and was afraid of grieving either.

A rumor immediately spread in Petersburg, not that Helene wanted to be divorced from her husband (had such a report spread many would have opposed so illegal an intention) but simply that the unfortunate and interesting Helene was in doubt which of the two men she should marry. The question was no longer whether this was possible, but only which was the better match and how the matter would be regarded at court. There were, it is true, some rigid individuals unable to rise to the height of such a question, who saw in the project a desecration of the sacrament of marriage, but there were not many such and they remained silent, while the majority were interested in Helene's good fortune and in the question which match would be the more advantageous. Whether it was right or wrong to remarry while one had a husband living they did not discuss, for that question had evidently been settled by people "wiser than you or me," as they said, and to doubt the correctness of that decision would be to risk exposing one's stupidity and incapacity to live in society.

Only Marya Dmitrievna Akhrosimova, had come to Petersburg that summer to see one of her sons, allowed herself plainly to express an opinion contrary to the general one. Meeting Helene at a ball she stopped her in the middle of the room and, amid general silence, said in her gruff voice: "So wives of living men have started marrying again! Perhaps you think you have invented a novelty? You have been forestalled, my dear! It was thought of long ago. It is done in all the brothels," and with these words Marya Dmitrievna, turning up her wide sleeves with her usual threatening gesture and glancing sternly round, moved across the room.

Though people were afraid of Marya Dmitrievna she was regarded in Petersburg as a buffoon, and so of what she had said they only noticed, and repeated in a whisper, the one coarse word she had used, supposing the whole sting of her remark to lie in that word.

Prince Vasili, who of late very often forgot what he had said and repeated one and the same thing a hundred times, remarked to his daughter whenever he chanced to see her:

"Helene, I have a word to say to you," and he would lead her aside, drawing her hand downward. "I have heard of certain projects concerning... you know. Well my dear child, you know how your father's

heart rejoices to know that you... You have suffered so much....
But, my dear child, consult only your own heart. That is all I have to say," and concealing his unvarying emotion he would press his cheek against his daughter's and move away.

Bilibin, who had not lost his reputation of an exceedingly clever man, and who was one of the disinterested friends so brilliant a woman as Helene always has--men friends who can never change into lovers--once gave her his view of the matter at a small and intimate gathering.

"Listen, Bilibin," said Helene (she always called friends of that sort by their surnames), and she touched his coat sleeve with her white, beringed fingers. "Tell me, as you would a sister, what I ought to do. Which of the two?"

Bilibin wrinkled up the skin over his eyebrows and pondered, with a smile on his lips.

"You are not taking me unawares, you know," said he. "As a true friend, I have thought and thought again about your affair. You see, if you marry the prince"--he meant the younger man--and he crooked one finger, "you forever lose the chance of marrying the other, and you will displease the court besides. (You know there is some kind of connection.) But if you marry the old count you will make his last days happy, and as widow of the Grand... the prince would no longer be making a mesalliance by marrying you," and Bilibin smoothed out his forehead.

"That's a true friend!" said Helene beaming, and again touching Bilibin's sleeve. "But I love them, you know, and don't want to distress either of them. I would give my life for the happiness of them both."

Bilibin shrugged his shoulders, as much as to say that not even he could help in that difficulty.

"Une maitresse-femme!* That's what is called putting things squarely. She would like to be married to all three at the same time," thought he.

*A masterly woman.

"But tell me, how will your husband look at the matter?" Bilibin asked, his reputation being so well established that he did not fear to ask so naive a question. "Will he agree?"

"Oh, he loves me so!" said Helene, who for some reason imagined that Pierre too loved her. "He will do anything for me."

Bilibin puckered his skin in preparation for something witty.

"Even divorce you?" said he.

Helene laughed.

Among those who ventured to doubt the justifiability of the proposed marriage was Helene's mother, Princess Kuragina. She was continually tormented by jealousy of her daughter, and now that jealousy concerned a subject near to her own heart, she could not reconcile herself to the idea. She consulted a Russian priest as to the possibility of divorce and remarriage during a husband's lifetime, and the priest told her that it was impossible, and to her delight showed her a text in the Gospel which (as it seemed to him) plainly remarriage while the husband is alive.

Armed with these arguments, which appeared to her unanswerable, she drove to her daughter's early one morning so as to find her alone.

Having listened to her mother's objections, Helene smiled blandly and ironically.

"But it says plainly: 'Whosoever shall marry her that is divorced...'" said the old princess.

"Ah, Maman, ne dites pas de betises. Vous ne comprenez rein. Dans ma position j'ai des devoirs,"* said Helene changing from Russian, in which language she always felt that her case did not sound quite clear, into French which suited it better.

*"Oh, Mamma, don't talk nonsense! You don't understand anything. In my position I have obligations.

"But, my dear..."

"Oh, Mamma, how is it you don't understand that the Holy Father, who has the right to grant dispensations..."

Just then the lady companion who lived with Helene came in to announce that His Highness was in the ballroom and wished to see her.

"Non, dites-lui que je ne veux pas le voir, que je suis furieuse

contre lui, parce qu'il m' a manque parole."*

*"No, tell him I don't wish to see him, I am furious with him for not keeping his word to me."

"Comtesse, a tout peche misericorde,"* said a fair-haired young man with a long face and nose, as he entered the room.

*"Countess, there is mercy for every sin."

The old princess rose respectfully and curtsied. The young man who had entered took no notice of her. The princess nodded to her daughter and sidled out of the room.

"Yes, she is right," thought the old princess, all her convictions dissipated by the appearance of His Highness. "She is right, but how is it that we in our irrecoverable youth did not know it? Yet it is so simple," she thought as she got into her carriage.

By the beginning of August Helene's affairs were clearly defined and she wrote a letter to her husband--who, as she imagined, loved her very much--informing him of her intention to marry N.N. and of her having embraced the one true faith, and asking him to carry out all the formalities necessary for a divorce, which would be explained to him by the bearer of the letter.

And so I pray God to have you, my friend, in His holy and powerful keeping--Your friend Helene.

This letter was brought to Pierre's house when he was on the field of Borodino.

CHAPTER VIII

Toward the end of the battle of Borodino, Pierre, having run down from Raevski's battery a second time, made his way through a gully

to Knyazkovo with a crowd of soldiers, reached the dressing station, and seeing blood and hearing cries and groans hurried on, still entangled in the crowds of soldiers.

The one thing he now desired with his whole soul was to get away quickly from the terrible sensations amid which he had lived that day and return to ordinary conditions of life and sleep quietly in a room in his own bed. He felt that only in the ordinary conditions of life would he be able to understand himself and all he had seen and felt. But such ordinary conditions of life were nowhere to be found.

Though shells and bullets did not whistle over the road along which he was going, still on all sides there was what there had been on the field of battle. There were still the same suffering, exhausted, and sometimes strangely indifferent faces, the same blood, the same soldiers' overcoats, the same sounds of firing which, though distant now, still aroused terror, and besides this there were the foul air and the dust.

Having gone a couple of miles along the Mozhaysk road, Pierre sat down by the roadside.

Dusk had fallen, and the roar of guns died away. Pierre lay leaning on his elbow for a long time, gazing at the shadows that moved past him in the darkness. He was continually imagining that a cannon ball was flying toward him with a terrific whizz, and then he shuddered and sat up. He had no idea how long he had been there. In the middle of the night three soldiers, having brought some firewood, settled down near him and began lighting a fire.

The soldiers, who threw sidelong glances at Pierre, got the fire to burn and placed an iron pot on it into which they broke some dried bread and put a little dripping. The pleasant odor of greasy viands mingled with the smell of smoke. Pierre sat up and sighed. The three soldiers were eating and talking among themselves, taking no notice of him.

"And who may you be?" one of them suddenly asked Pierre, evidently meaning what Pierre himself had in mind, namely: "If you want to eat we'll give you some food, only let us know whether you are an honest man."

"I, I..." said Pierre, feeling it necessary to minimize his social position as much as possible so as to be nearer to the soldiers and better understood by them. "By rights I am a militia officer, but my men are not here. I came to the battle and have lost them."

"There now!" said one of the soldiers.

Another shook his head.

"Would you like a little mash?" the first soldier asked, and handed Pierre a wooden spoon after licking it clean.

Pierre sat down by the fire and began eating the mash, as they called the food in the cauldron, and he thought it more delicious than any food he had ever tasted. As he sat bending greedily over it, helping himself to large spoonfuls and chewing one after another, his was lit up by the fire and the soldiers looked at him in silence.

"Where have you to go to? Tell us!" said one of them.

"To Mozhaysk."

"You're a gentleman, aren't you?"

"Yes."

"And what's your name?"

"Peter Kirilych."

"Well then, Peter Kirilych, come along with us, we'll take you there."

In the total darkness the soldiers walked with Pierre to Mozhaysk.

By the time they got near Mozhaysk and began ascending the steep hill into the town, the cocks were already crowing. Pierre went on with the soldiers, quite forgetting that his inn was at the bottom of the hill and that he had already passed it. He would not soon have remembered this, such was his state of forgetfulness, had he not halfway up the hill stumbled upon his groom, who had been to look for him in the town and was returning to the inn. The groom recognized Pierre in the darkness by his white hat.

"Your excellency!" he said. "Why, we were beginning to despair! How is it you are on foot? And where are you going, please?"

"Oh, yes!" said Pierre.

The soldiers stopped.

"So you've found your folk?" said one of them. "Well, good-by, Peter Kirilych--isn't it?"

"Good-by, Peter Kirilych!" Pierre heard the other voices repeat.

"Good-by!" he said and turned with his groom toward the inn.

"I ought to give them something!" he thought, and felt in his pocket. "No, better not!" said another, inner voice.

There was not a room to be had at the inn, they were all occupied. Pierre went out into the yard and, covering himself up head and all, lay down in his carriage.

CHAPTER IX

Scarcely had Pierre laid his head on the pillow before he felt himself falling asleep, but suddenly, almost with the distinctness of reality, he heard the boom, boom, boom of firing, the thud of projectiles, groans and cries, and smelled blood and powder, and a feeling of horror and dread of death seized him. Filled with fright he opened his eyes and lifted his head from under his cloak. All was tranquil in the yard. Only someone's orderly passed through the gateway, splashing through the mud, and talked to the innkeeper. Above Pierre's head some pigeons, disturbed by the movement he had made in sitting up, fluttered under the dark roof of the penthouse. The whole courtyard was permeated by a strong peaceful smell of stable yards, delightful to Pierre at that moment. He could see the clear starry sky between the dark roofs of two penthouses.

"Thank God, there is no more of that!" he thought, covering up his head again. "Oh, what a terrible thing is fear, and how shamefully I yielded to it! But they... they were steady and calm all the time, to the end..." thought he.

They, in Pierre's mind, were the soldiers, those who had been at the battery, those who had given him food, and those who had prayed before the icon. They, those strange men he had not previously known, stood out clearly and sharply from everyone else.

"To be a soldier, just a soldier!" thought Pierre as he fell asleep, "to enter communal life completely, to be imbued by what makes them what they are. But how cast off all the superfluous, devilish burden of my outer man? There was a time when I could have done it. I could have run away from my father, as I wanted to. Or I might have been sent to serve as a soldier after the duel with Dolokhov." And the

memory of the dinner at the English Club when he had challenged Dolokhov flashed through Pierre's mind, and then he remembered his benefactor at Torzhok. And now a picture of a solemn meeting of the lodge presented itself to his mind. It was taking place at the English Club and someone near and dear to him sat at the end of the table. "Yes, that is he! It is my benefactor. But he died!" thought Pierre. "Yes, he died, and I did not know he was alive. How sorry I am that he died, and how glad I am that he is alive again!" On one side of the table sat Anatole, Dolokhov, Nesvitski, Denisov, and others like them (in his dream the category to which these men belonged was as clearly defined in his mind as the category of those he termed they), and he heard those people, Anatole and Dolokhov, shouting and singing loudly; yet through their shouting the voice of his benefactor was heard speaking all the time and the sound of his words was as weighty and uninterrupted as the booming on the battlefield, but pleasant and comforting. Pierre did not understand what his benefactor was saying, but he knew (the categories of thoughts were also quite distinct in his dream) that he was talking of goodness and the possibility of being what they were. And they with their simple, kind, firm faces surrounded his benefactor on all sides. But though they were kindly they did not look at Pierre and did not know him. Wishing to speak and to attract their attention, he got up, but at that moment his legs grew cold and bare.

He felt ashamed, and with one arm covered his legs from which his cloak had in fact slipped. For a moment as he was rearranging his cloak Pierre opened his eyes and saw the same penthouse roofs, posts, and yard, but now they were all bluish, lit up, and glittering with frost or dew.

"It is dawn," thought Pierre. "But that's not what I want. I want to hear and understand my benefactor's words." Again he covered himself up with his cloak, but now neither the lodge nor his benefactor was there. There were only thoughts clearly expressed in words, thoughts that someone was uttering or that he himself was formulating.

Afterwards when he recalled those thoughts Pierre was convinced that someone outside himself had spoken them, though the impressions of that day had evoked them. He had never, it seemed to him, been able to think and express his thoughts like that when awake.

"To endure war is the most difficult subordination of man's freedom to the law of God," the voice had said. "Simplicity is submission to the will of God; you cannot escape from Him. And they are simple. They do not talk, but act. The spoken word is silver but the unspoken is golden. Man can be master of nothing while he fears death, but he who does not fear it possesses all. If there were no suffering, man would not know his limitations, would not know himself.

The hardest thing [Pierre went on thinking, or hearing, in his dream] is to be able in your soul to unite the meaning of all. To unite all?" he asked himself. "No, not to unite. Thoughts cannot be united, but to harness all these thoughts together is what we need! Yes, one must harness them, must harness them!" he repeated to himself with inward rapture, feeling that these words and they alone expressed what he wanted to say and solved the question that tormented him.

"Yes, one must harness, it is time to harness."

"Time to harness, time to harness, your excellency! Your excellency!" some voice was repeating. "We must harness, it is time to harness...."

It was the voice of the groom, trying to wake him. The sun shone straight into Pierre's face. He glanced at the dirty innyard in the middle of which soldiers were watering their lean horses at the pump while carts were passing out of the gate. Pierre turned away with repugnance, and closing his eyes quickly fell back on the carriage seat. "No, I don't want that, I don't want to see and understand that. I want to understand what was revealing itself to me in my dream. One second more and I should have understood it all! But what am I to do? Harness, but how can I harness everything?" and Pierre felt with horror that the meaning of all he had seen and thought in the dream had been destroyed.

The groom, the coachman, and the innkeeper told Pierre that an officer had come with news that the French were already near Mozhaysk and that our men were leaving it.

Pierre got up and, having told them to harness and overtake him, went on foot through the town.

The troops were moving on, leaving about ten thousand wounded behind them. There were wounded in the yards, at the windows of the houses, and the streets were crowded with them. In the streets, around carts that were to take some of the wounded away, shouts, curses, and blows could be heard. Pierre offered the use of his carriage, which had overtaken him, to a wounded general he knew, and drove with him to Moscow. On the way Pierre was told of the death of his brother-in-law Anatole and of that of Prince Andrew.

CHAPTER X

On the thirteenth of August Pierre reached Moscow. Close to the gates of the city he was met by Count Rostopchin's adjutant.

"We have been looking for you everywhere," said the adjutant. "The count wants to see you particularly. He asks you to come to him at once on a very important matter."

Without going home, Pierre took a cab and drove to see the Moscow commander in chief.

Count Rostopchin had only that morning returned to town from his summer villa at Sokolniki. The anteroom and reception room of his house were full of officials who had been summoned or had come for orders. Vasilchikov and Platov had already seen the count and explained to him that it was impossible to defend Moscow and that it would have to be surrendered. Though this news was being concealed from the inhabitants, the officials--the heads of the various government departments--knew that Moscow would soon be in the enemy's hands, just as Count Rostopchin himself knew it, and to escape personal responsibility they had all come to the governor to ask how they were to deal with their various departments.

As Pierre was entering the reception room a courier from the army came out of Rostopchin's private room.

In answer to questions with which he was greeted, the courier made a despairing gesture with his hand and passed through the room.

While waiting in the reception room Pierre with weary eyes watched the various officials, old and young, military and civilian, who were there. They all seemed dissatisfied and uneasy. Pierre went up to a group of men, one of whom he knew. After greeting Pierre they continued their conversation.

"If they're sent out and brought back again later on it will do no harm, but as things are now one can't answer for anything."

"But you see what he writes..." said another, pointing to a printed sheet he held in his hand.

"That's another matter. That's necessary for the people," said the first.

"What is it?" asked Pierre.

"Oh, it's a fresh broadsheet."

Pierre took it and began reading.

His Serene Highness has passed through Mozhaysk in order to join up with the troops moving toward him and has taken up a strong position where the enemy will not soon attack him. Forty eight guns with ammunition have been sent him from here, and his Serene Highness says he will defend Moscow to the last drop of blood and is even ready to fight in the streets. Do not be upset, brothers, that the law courts are closed; things have to be put in order, and we will deal with villains in our own way! When the time comes I shall want both town and peasant lads and will raise the cry a day or two beforehand, but they are not wanted yet so I hold my peace. An ax will be useful, a hunting spear not bad, but a three-pronged fork will be best of all: a Frenchman is no heavier than a sheaf of rye. Tomorrow after dinner I shall take the Iberian icon of the Mother of God to the wounded in the Catherine Hospital where we will have some water blessed. That will help them to get well quicker. I, too, am well now: one of my eyes was sore but now I am on the lookout with both.

"But military men have told me that it is impossible to fight in the town," said Pierre, "and that the position..."

"Well, of course! That's what we were saying," replied the first speaker.

"And what does he mean by 'One of my eyes was sore but now I am on the lookout with both'?" asked Pierre.

"The count had a sty," replied the adjutant smiling, "and was very much upset when I told him people had come to ask what was the matter with him. By the by, Count," he added suddenly, addressing Pierre with a smile, "we heard that you have family troubles and that the countess, your wife..."

"I have heard nothing," Pierre replied unconcernedly. "But what have you heard?"

"Oh, well, you know people often invent things. I only say what I heard."

"But what did you hear?"

"Well, they say," continued the adjutant with the same smile, "that the countess, your wife, is preparing to go abroad. I expect it's nonsense...."

"Possibly," remarked Pierre, looking about him absent-mindedly. "And who is that?" he asked, indicating a short old man in a clean blue peasant overcoat, with a big snow-white beard and eyebrows and a ruddy face.

"He? That's a tradesman, that is to say, he's the restaurant keeper, Vereshchagin. Perhaps you have heard of that affair with the proclamation."

"Oh, so that is Vereshchagin!" said Pierre, looking at the firm, calm face of the old man and seeking any indication of his being a traitor.

"That's not he himself, that's the father of the fellow who wrote the proclamation," said the adjutant. "The young man is in prison and I expect it will go hard with him."

An old gentleman wearing a star and another official, a German wearing a cross round his neck, approached the speaker.

"It's a complicated story, you know," said the adjutant. "That proclamation appeared about two months ago. The count was informed of it. He gave orders to investigate the matter. Gabriel Ivanovich here made the inquiries. The proclamation had passed through exactly sixty-three hands. He asked one, 'From whom did you get it?' 'From so-and-so.' He went to the next one. 'From whom did you get it?' and so on till he reached Vereshchagin, a half educated tradesman, you know, 'a pet of a trader,'" said the adjutant smiling. "They asked him, 'Who gave it you?' And the point is that we knew whom he had it from. He could only have had it from the Postmaster. But evidently they had come to some understanding. He replied: 'From no one; I made it up myself.' They threatened and questioned him, but he stuck to that: 'I made it up myself.' And so it was reported to the count, who sent for the man. 'From whom did you get the proclamation?' 'I wrote it myself.' Well, you know the count," said the adjutant cheerfully, with a smile of pride, "he flared up dreadfully--and just think of the fellow's audacity, lying, and obstinacy!"

"And the count wanted him to say it was from Klyucharev? I understand!" said Pierre.

"Not at all," rejoined the adjutant in dismay. "Klyucharev had his own sins to answer for without that and that is why he has been banished. But the point is that the count was much annoyed. 'How could you have written it yourself?' said he, and he took up the Hamburg Gazette that was lying on the table. 'Here it is! You did not write it yourself but translated it, and translated it abominably, because you don't even know French, you fool.' And what do you think? 'No,'

said he, 'I have not read any papers, I made it up myself.' 'If that's so, you're a traitor and I'll have you tried, and you'll be hanged! Say from whom you had it.' 'I have seen no papers, I made it up myself.' And that was the end of it. The count had the father fetched, but the fellow stuck to it. He was sent for trial and condemned to hard labor, I believe. Now the father has come to intercede for him. But he's a good-for-nothing lad! You know that sort of tradesman's son, a dandy and lady-killer. He attended some lectures somewhere and imagines that the devil is no match for him. That's the sort of fellow he is. His father keeps a cookshop here by the Stone Bridge, and you know there was a large icon of God Almighty painted with a scepter in one hand and an orb in the other. Well, he took that icon home with him for a few days and what did he do? He found some scoundrel of a painter..."

CHAPTER XI

In the middle of this fresh tale Pierre was summoned to the commander in chief.

When he entered the private room Count Rostopchin, puckering his face, was rubbing his forehead and eyes with his hand. A short man was saying something, but when Pierre entered he stopped speaking and went out.

"Ah, how do you do, great warrior?" said Rostopchin as soon as the short man had left the room. "We have heard of your prowess. But that's not the point. Between ourselves, mon cher, do you belong to the Masons?" he went on severely, as though there were something wrong about it which he nevertheless intended to pardon. Pierre remained silent. "I am well informed, my friend, but I am aware that there are Masons and I hope that you are not one of those who on pretense of saving mankind wish to ruin Russia."

"Yes, I am a Mason," Pierre replied.

"There, you see, mon cher! I expect you know that Messrs. Speranski and Magnitski have been deported to their proper place. Mr. Klyucharev has been treated in the same way, and so have others who on the plea of building up the temple of Solomon have tried to destroy the temple of their fatherland. You can understand that there are reasons for this and that I could not have exiled the Postmaster had he not been a harmful person. It has now come to my

knowledge that you lent him your carriage for his removal from town, and that you have even accepted papers from him for safe custody. I like you and don't wish you any harm and--as you are only half my age-- I advise you, as a father would, to cease all communication with men of that stamp and to leave here as soon as possible."

"But what did Klyucharev do wrong, Count?" asked Pierre.

"That is for me to know, but not for you to ask," shouted Rostopchin.

"If he is accused of circulating Napoleon's proclamation it is not proved that he did so," said Pierre without looking at Rostopchin, "and Vereshchagin..."

"There we are!" Rostopchin shouted at Pierre louder than before, frowning suddenly. "Vereshchagin is a renegade and a traitor who will be punished as he deserves," said he with the vindictive heat with which people speak when recalling an insult. "But I did not summon you to discuss my actions, but to give you advice--or an order if you prefer it. I beg you to leave the town and break off all communication with such men as Klyucharev. And I will knock the nonsense out of anybody"--but probably realizing that he was shouting at Bezukhov who so far was not guilty of anything, he added, taking Pierre's hand in a friendly manner, "We are on the eve of a public disaster and I haven't time to be polite to everybody who has business with me. My head is sometimes in a whirl. Well, mon cher, what are you doing personally?"

"Why, nothing," answered Pierre without raising his eyes or changing the thoughtful expression of his face.

The count frowned.

"A word of friendly advice, mon cher. Be off as soon as you can, that's all I have to tell you. Happy he who has ears to hear. Good-by, my dear fellow. Oh, by the by!" he shouted through the doorway after Pierre, "is it true that the countess has fallen into the clutches of the holy fathers of the Society of Jesus?"

Pierre did not answer and left Rostopchin's room more sullen and angry than he had ever before shown himself.

When he reached home it was already getting dark. Some eight people had come to see him that evening: the secretary of a committee, the colonel of his battalion, his steward, his major-domo, and various petitioners. They all had business with Pierre and wanted decisions from him. Pierre did not understand and was not interested in any of

these questions and only answered them in order to get rid of these people. When left alone at last he opened and read his wife's letter.

"They, the soldiers at the battery, Prince Andrew killed... that old man... Simplicity is submission to God. Suffering is necessary... the meaning of all... one must harness... my wife is getting married... One must forget and understand..." And going to his bed he threw himself on it without undressing and immediately fell asleep.

When he awoke next morning the major-domo came to inform him that a special messenger, a police officer, had come from Count Rostopchin to know whether Count Bezukhov had left or was leaving the town.

A dozen persons who had business with Pierre were awaiting him in the drawing room. Pierre dressed hurriedly and, instead of going to see them, went to the back porch and out through the gate.

From that time till the end of the destruction of Moscow no one of Bezukhov's household, despite all the search they made, saw Pierre again or knew where he was.

CHAPTER XII

The Rostovs remained in Moscow till the first of September, that is, till the eve of the enemy's entry into the city.

After Petya had joined Obolenski's regiment of Cossacks and left for Belaya Tserkov where that regiment was forming, the countess was seized with terror. She thought that both her sons were at the war, had both gone from under her wing, that today or tomorrow either or both of them might be killed like the three sons of one of her acquaintances, struck her that summer for the first time with cruel clearness. She tried to get Nicholas back and wished to go herself to join Petya, or to get him an appointment somewhere in Petersburg, but neither of these proved possible. Petya could not return unless his regiment did so or unless he was transferred to another regiment on active service. Nicholas was somewhere with the army and had not sent a word since his last letter, in which he had given a detailed account of his meeting with Princess Mary. The countess did not sleep at night, or when she did fall asleep dreamed that she saw her sons lying dead. After many consultations and conversations, the count at last devised means to tranquillize her. He got Petya transferred

from Obolenski's regiment to Bezukhov's, which was in training near Moscow. Though Petya would remain in the service, this transfer would give the countess the consolation of seeing at least one of her sons under her wing, and she hoped to arrange matters for her Petya so as not to let him go again, but always get him appointed to places where he could not possibly take part in a battle. As long as Nicholas alone was in danger the countess imagined that she loved her first-born more than all her other children and even reproached herself for it; but when her youngest: the scapegrace who had been bad at lessons, was always breaking things in the house and making himself a nuisance to everybody, that snub-nosed Petya with his merry black eyes and fresh rosy cheeks where soft down was just beginning to show--when he was thrown amid those big, dreadful, cruel men who were fighting somewhere about something and apparently finding pleasure in it--then his mother thought she loved him more, much more, than all her other children. The nearer the time came for Petya to return, the more uneasy grew the countess. She began to think she would never live to see such happiness. The presence of Sonya, of her beloved Natasha, or even of her husband irritated her. "What do I want with them? I want no one but Petya," she thought.

At the end of August the Rostovs received another letter from Nicholas. He wrote from the province of Voronezh where he had been sent to procure remounts, but that letter did not set the countess at ease. Knowing that one son was out of danger she became the more anxious about Petya.

Though by the twentieth of August nearly all the Rostovs' acquaintances had left Moscow, and though everybody tried to persuade the countess to get away as quickly as possible, she would not bear of leaving before her treasure, her adored Petya, returned. On the twenty-eighth of August he arrived. The passionate tenderness with which his mother received him did not please the sixteen-year-old officer. Though she concealed from him her intention of keeping him under her wing, Petya guessed her designs, and instinctively fearing that he might give way to emotion when with her--might "become womanish" as he termed it to himself--he treated her coldly, avoided her, and during his stay in Moscow attached himself exclusively to Natasha for whom he had always had a particularly brotherly tenderness, almost lover-like.

Owing to the count's customary carelessness nothing was ready for their departure by the twenty-eighth of August and the carts that were to come from their Ryazan and Moscow estates to remove their household belongings did not arrive till the thirtieth.

From the twenty-eighth till the thirty-first all Moscow was in a bustle and commotion. Every day thousands of men wounded at Borodino

were brought in by the Dorogomilov gate and taken to various parts of Moscow, and thousands of carts conveyed the inhabitants and their possessions out by the other gates. In spite of Rostopchin's broadsheets, or because of them or independently of them, the strangest and most contradictory rumors were current in the town. Some said that no one was to be allowed to leave the city, others on the contrary said that all the icons had been taken out of the churches and everybody was to be ordered to leave. Some said there had been another battle after Borodino at which the French had been routed, while others on the contrary reported that the Russian army had been destroyed. Some talked about the Moscow militia which, preceded by the clergy, would go to the Three Hills; others whispered that Augustin had been forbidden to leave, that traitors had been seized, that the peasants were rioting and robbing people on their way from Moscow, and so on. But all this was only talk; in reality (though the Council of Fili, at which it was decided to abandon Moscow, had not yet been held) both those who went away and those who remained behind felt, though they did not show it, that Moscow would certainly be abandoned, and that they ought to get away as quickly as possible and save their belongings. It was felt that everything would suddenly break up and change, but up to the first of September nothing had done so. As a criminal who is being led to execution knows that he must die immediately, but yet looks about him and straightens the cap that is awry on his head, so Moscow involuntarily continued its wonted life, though it knew that the time of its destruction was near when the conditions of life to which its people were accustomed to submit would be completely upset.

During the three days preceding the occupation of Moscow the whole Rostov family was absorbed in various activities. The head of the family, Count Ilya Rostov, continually drove about the city collecting the current rumors from all sides and gave superficial and hasty orders at home about the preparations for their departure.

The countess watched the things being packed, was dissatisfied with everything, was constantly in pursuit of Petya who was always running away from her, and was jealous of Natasha with whom he spent all his time. Sonya alone directed the practical side of matters by getting things packed. But of late Sonya had been particularly sad and silent. Nicholas' letter in which he mentioned Princess Mary had elicited, in her presence, joyous comments from the countess, who saw an intervention of Providence in this meeting of the princess and Nicholas.

"I was never pleased at Bolkonski's engagement to Natasha," said the countess, "but I always wanted Nicholas to marry the princess, and had a presentiment that it would happen. What a good thing it would be!"

Sonya felt that this was true: that the only possibility of retrieving the Rostovs' affairs was by Nicholas marrying a rich woman, and that the princess was a good match. It was very bitter for her. But despite her grief, or perhaps just because of it, she took on herself all the difficult work of directing the storing and packing of their things and was busy for whole days. The count and countess turned to her when they had any orders to give. Petya and Natasha on the contrary, far from helping their parents, were generally a nuisance and a hindrance to everyone. Almost all day long the house resounded with their running feet, their cries, and their spontaneous laughter. They laughed and were gay not because there was any reason to laugh, but because gaiety and mirth were in their hearts and so everything that happened was a cause for gaiety and laughter to them. Petya was in high spirits because having left home a boy he had returned (as everybody told him) a fine young man, because he was at home, because he had left Belaya Tserkov where there was no hope of soon taking part in a battle and had come to Moscow where there was to be fighting in a few days, and chiefly because Natasha, whose lead he always followed, was in high spirits. Natasha was gay because she had been sad too long and now nothing reminded her of the cause of her sadness, and because she was feeling well. She was also happy because she had someone to adore her: the adoration of others was a lubricant the wheels of her machine needed to make them run freely--and Petya adored her. Above all, they were gay because there was a war near Moscow, there would be fighting at the town gates, arms were being given out, everybody was escaping--going away somewhere, and in general something extraordinary was happening, and that is always exciting, especially to the young.

CHAPTER XIII

On Saturday, the thirty-first of August, everything in the Rostovs' house seemed topsy-turvy. All the doors were open, all the furniture was being carried out or moved about, and the mirrors and pictures had been taken down. There were trunks in the rooms, and hay, wrapping paper, and ropes were scattered about. The peasants and house serfs carrying out the things were treading heavily on the parquet floors. The yard was crowded with peasant carts, some loaded high and already corded up, others still empty.

The voices and footsteps of the many servants and of the peasants who had come with the carts resounded as they shouted to one another in the yard and in the house. The count had been out since morning.

The countess had a headache brought on by all the noise and turmoil and was lying down in the new sitting room with a vinegar compress on her head. Petya was not at home, he had gone to visit a friend with whom he meant to obtain a transfer from the militia to the active army. Sonya was in the ballroom looking after the packing of the glass and china. Natasha was sitting on the floor of her dismantled room with dresses, ribbons, and scarves strewn all about her, gazing fixedly at the floor and holding in her hands the old ball dress (already out of fashion) which she had worn at her first Petersburg ball.

Natasha was ashamed of doing nothing when everyone else was so busy, and several times that morning had tried to set to work, but her heart was not in it, and she could not and did not know how to do anything except with all her heart and all her might. For a while she had stood beside Sonya while the china was being packed and tried to help, but soon gave it up and went to her room to pack her own things. At first she found it amusing to give away dresses and ribbons to the maids, but when that was done and what was left had still to be packed, she found it dull.

"Dunyasha, you pack! You will, won't you, dear?" And when Dunyasha willingly promised to do it all for her, Natasha sat down on the floor, took her old ball dress, and fell into a reverie quite unrelated to what ought to have occupied her thoughts now. She was roused from her reverie by the talk of the maids in the next room (which was theirs) and by the sound of their hurried footsteps going to the back porch. Natasha got up and looked out of the window. An enormously long row of carts full of wounded men had stopped in the street.

The housekeeper, the old nurse, the cooks, coachmen, maids, footmen, postilions, and scullions stood at the gate, staring at the wounded.

Natasha, throwing a clean pocket handkerchief over her hair and holding an end of it in each hand, went out into the street.

The former housekeeper, old Mavra Kuzminichna, had stepped out of the crowd by the gate, gone up to a cart with a hood constructed of bast mats, and was speaking to a pale young officer who lay inside. Natasha moved a few steps forward and stopped shyly, still holding her handkerchief, and listened to what the housekeeper was saying.

"Then you have nobody in Moscow?" she was saying. "You would be more comfortable somewhere in a house... in ours, for instance... the family are leaving."

"I don't know if it would be allowed," replied the officer in a weak

voice. "Here is our commanding officer... ask him," and he pointed to a stout major who was walking back along the street past the row of carts.

Natasha glanced with frightened eyes at the face of the wounded officer and at once went to meet the major.

"May the wounded men stay in our house?" she asked.

The major raised his hand to his cap with a smile.

"Which one do you want, Ma'am'selle?" said he, screwing up his eyes and smiling.

Natasha quietly repeated her question, and her face and whole manner were so serious, though she was still holding the ends of her handkerchief, that the major ceased smiling and after some reflection--as if considering in how far the thing was possible--replied in the affirmative.

"Oh yes, why not? They may," he said.

With a slight inclination of her head, Natasha stepped back quickly to Mavra Kuzminichna, who stood talking compassionately to the officer.

"They may. He says they may!" whispered Natasha.

The cart in which the officer lay was turned into the Rostovs' yard, and dozens of carts with wounded men began at the invitation of the townfolk to turn into the yards and to draw up at the entrances of the houses in Povarskaya Street. Natasha was evidently pleased to be dealing with new people outside the ordinary routine of her life. She and Mavra Kuzminichna tried to get as many of the wounded as possible into their yard.

"Your Papa must be told, though," said Mavra Kuzminichna.

"Never mind, never mind, what does it matter? For one day we can move into the drawing room. They can have all our half of the house."

"There now, young lady, you do take things into your head! Even if we put them into the wing, the men's room, or the nurse's room, we must ask permission."

"Well, I'll ask."

Natasha ran into the house and went on tiptoe through the

half-open door into the sitting room, where there was a smell of vinegar and Hoffman's drops.

"Are you asleep, Mamma?"

"Oh, what sleep-?" said the countess, waking up just as she was dropping into a doze.

"Mamma darling!" said Natasha, kneeling by her mother and bringing her face close to her mother's, "I am sorry, forgive me, I'll never do it again; I woke you up! Mavra Kuzminichna has sent me: they have brought some wounded here--officers. Will you let them come? They have nowhere to go. I knew you'd let them come!" she said quickly all in one breath.

"What officers? Whom have they brought? I don't understand anything about it," said the countess.

Natasha laughed, and the countess too smiled slightly.

"I knew you'd give permission... so I'll tell them," and, having kissed her mother, Natasha got up and went to the door.

In the hall she met her father, who had returned with bad news.

"We've stayed too long!" said the count with involuntary vexation. "The Club is closed and the police are leaving."

"Papa, is it all right--I've invited some of the wounded into the house?" said Natasha.

"Of course it is," he answered absently. "That's not the point. I beg you not to indulge in trifles now, but to help to pack, and tomorrow we must go, go, go!...."

And the count gave a similar order to the major-domo and the servants.

At dinner Petya having returned home told them the news he had heard. He said the people had been getting arms in the Kremlin, and that though Rostopchin's broadsheet had said that he would sound a call two or three days in advance, the order had certainly already been given for everyone to go armed to the Three Hills tomorrow, and that there would be a big battle there.

The countess looked with timid horror at her son's eager, excited face as he said this. She realized that if she said a word about his not going to the battle (she knew he enjoyed the thought of the

impending engagement) he would say something about men, honor, and the fatherland--something senseless, masculine, and obstinate which there would be no contradicting, and her plans would be spoiled; and so, hoping to arrange to leave before then and take Petya with her as their protector and defender, she did not answer him, but after dinner called the count aside and implored him with tears to take her away quickly, that very night if possible. With a woman's involuntary loving cunning she, who till then had not shown any alarm, said that she would die of fright if they did not leave that very night. Without any pretense she was now afraid of everything.

CHAPTER XIV

Madame Schoss, who had been out to visit her daughter, increased the countess' fears still more by telling what she had seen at a spirit dealer's in Myasnitski Street. When returning by that street she had been unable to pass because of a drunken crowd rioting in front of the shop. She had taken a cab and driven home by a side street and the cabman had told her that the people were breaking open the barrels at the drink store, having received orders to do so.

After dinner the whole Rostov household set to work with enthusiastic haste packing their belongings and preparing for their departure. The old count, suddenly setting to work, kept passing from the yard to the house and back again, shouting confused instructions to the hurrying people, and flurrying them still more. Petya directed things in the yard. Sonya, owing to the count's contradictory orders, lost her head and did not know what to do. The servants ran noisily about the house and yard, shouting and disputing. Natasha, with the ardor characteristic of all she did suddenly set to work too. At first her intervention in the business of packing was received skeptically. Everybody expected some prank from her and did not wish to obey her; but she resolutely and passionately demanded obedience, grew angry and nearly cried because they did not heed her, and at last succeeded in making them believe her. Her first exploit, which cost her immense effort and established her authority, was the packing of the carpets. The count had valuable Gobelin tapestries and Persian carpets in the house. When Natasha set to work two cases were standing open in the ballroom, one almost full up with crockery, the other with carpets. There was also much china standing on the tables, and still more was being brought in from the storeroom. A third case was needed and servants had gone to fetch it.

"Sonya, wait a bit--we'll pack everything into these," said Natasha.

"You can't, Miss, we have tried to," said the butler's assistant.

"No, wait a minute, please."

And Natasha began rapidly taking out of the case dishes and plates wrapped in paper.

"The dishes must go in here among the carpets," said she.

"Why, it's a mercy if we can get the carpets alone into three cases," said the butler's assistant.

"Oh, wait, please!" And Natasha began rapidly and deftly sorting out the things. "These aren't needed," said she, putting aside some plates of Kiev ware. "These--yes, these must go among the carpets," she said, referring to the Saxony china dishes.

"Don't, Natasha! Leave it alone! We'll get it all packed," urged Sonya reproachfully.

"What a young lady she is!" remarked the major-domo.

But Natasha would not give in. She turned everything out and began quickly repacking, deciding that the inferior Russian carpets and unnecessary crockery should not be taken at all. When everything had been taken out of the cases, they recommenced packing, and it turned out that when the cheaper things not worth taking had nearly all been rejected, the valuable ones really did all go into the two cases. Only the lid of the case containing the carpets would not shut down. A few more things might have been taken out, but Natasha insisted on having her own way. She packed, repacked, pressed, made the butler's assistant and Petya--whom she had drawn into the business of packing--press on the lid, and made desperate efforts herself.

"That's enough, Natasha," said Sonya. "I see you were right, but just take out the top one."

"I won't!" cried Natasha, with one hand bolding back the hair that hung over her perspiring face, while with the other she pressed down the carpets. "Now press, Petya! Press, Vasilich, press hard!" she cried.

The carpets yielded and the lid closed; Natasha, clapping her hands, screamed with delight and tears fell from her eyes. But this only lasted a moment. She at once set to work afresh and they now trusted

her completely. The count was not angry even when they told him that Natasha had countermanded an order of his, and the servants now came to her to ask whether a cart was sufficiently loaded, and whether it might be corded up. Thanks to Natasha's directions the work now went on expeditiously, unnecessary things were left, and the most valuable packed as compactly as possible.

But hard as they all worked till quite late that night, they could not get everything packed. The countess had fallen asleep and the count, having put off their departure till next morning, went to bed.

Sonya and Natasha slept in the sitting room without undressing.

That night another wounded man was driven down the Povarskaya, and Mavra Kuzminichna, who was standing at the gate, had him brought into the Rostovs' yard. Mavra Kuzminichna concluded that he was a very important man. He was being conveyed in a caleche with a raised hood, and was quite covered by an apron. On the box beside the driver sat a venerable old attendant. A doctor and two soldiers followed the carriage in a cart.

"Please come in here. The masters are going away and the whole house will be empty," said the old woman to the old attendant.

"Well, perhaps," said he with a sigh. "We don't expect to get him home alive! We have a house of our own in Moscow, but it's a long way from here, and there's nobody living in it."

"Do us the honor to come in, there's plenty of everything in the master's house. Come in," said Mavra Kuzminichna. "Is he very ill?" she asked.

The attendant made a hopeless gesture.

"We don't expect to get him home! We must ask the doctor."

And the old servant got down from the box and went up to the cart.

"All right!" said the doctor.

The old servant returned to the caleche, looked into it, shook his head disconsolately, told the driver to turn into the yard, and stopped beside Mavra Kuzminichna.

"O, Lord Jesus Christ!" she murmured.

She invited them to take the wounded man into the house.

"The masters won't object..." she said.

But they had to avoid carrying the man upstairs, and so they took him into the wing and put him in the room that had been Madame Schoss'.

This wounded man was Prince Andrew Bolkonski.

CHAPTER XV

Moscow's last day had come. It was a clear bright autumn day, a Sunday. The church bells everywhere were ringing for service, just as usual on Sundays. Nobody seemed yet to realize what awaited the city.

Only two things indicated the social condition of Moscow--the rabble, that is the poor people, and the price of commodities. An enormous crowd of factory hands, house serfs, and peasants, with whom some officials, seminarists, and gentry were mingled, had gone early that morning to the Three Hills. Having waited there for Rostopchin who did not turn up, they became convinced that Moscow would be surrendered, and then dispersed all about the town to the public houses and cookshops. Prices too that day indicated the state of affairs. The price of weapons, of gold, of carts and horses, kept rising, but the value of paper money and city articles kept falling, so that by midday there were instances of carters removing valuable goods, such as cloth, and receiving in payment a half of what they carted, while peasant horses were fetching five hundred rubles each, and furniture, mirrors, and bronzes were being given away for nothing.

In the Rostovs' staid old-fashioned house the dissolution of former conditions of life was but little noticeable. As to the serfs the only indication was that three out of their huge retinue disappeared during the night, but nothing was stolen; and as to the value of their possessions, the thirty peasant carts that had come in from their estates and which many people envied proved to be extremely valuable and they were offered enormous sums of money for them. Not only were huge sums offered for the horses and carts, but on the previous evening and early in the morning of the first of September, orderlies and servants sent by wounded officers came to the Rostovs' and wounded men dragged themselves there from the Rostovs' and from neighboring houses where they were accommodated, entreating the servants to try to get them a lift out of Moscow. The major-domo

to whom these entreaties were addressed, though he was sorry for the wounded, resolutely refused, saying that he dare not even mention the matter to the count. Pity these wounded men as one might, it was evident that if they were given one cart there would be no reason to refuse another, or all the carts and one's own carriages as well. Thirty carts could not save all the wounded and in the general catastrophe one could not disregard oneself and one's own family. So thought the major-domo on his master's behalf.

On waking up that morning Count Ilya Rostov left his bedroom softly, so as not to wake the countess who had fallen asleep only toward morning, and came out to the porch in his lilac silk dressing gown. In the yard stood the carts ready corded. The carriages were at the front porch. The major-domo stood at the porch talking to an elderly orderly and to a pale young officer with a bandaged arm. On seeing the count the major-domo made a significant and stern gesture to them both to go away.

"Well, Vasilich, is everything ready?" asked the count, and stroking his bald head he looked good-naturedly at the officer and the orderly and nodded to them. (He liked to see new faces.)

"We can harness at once, your excellency."

"Well, that's right. As soon as the countess wakes we'll be off, God willing! What is it, gentlemen?" he added, turning to the officer. "Are you staying in my house?"

The officer came nearer and suddenly his face flushed crimson.

"Count, be so good as to allow me... for God's sake, to get into some corner of one of your carts! I have nothing here with me.... I shall be all right on a loaded cart..."

Before the officer had finished speaking the orderly made the same request on behalf of his master.

"Oh, yes, yes, yes!" said the count hastily. "I shall be very pleased, very pleased. Vasilich, you'll see to it. Just unload one or two carts. Well, what of it... do what's necessary..." said the count, muttering some indefinite order.

But at the same moment an expression of warm gratitude on the officer's face had already sealed the order. The count looked around him. In the yard, at the gates, at the window of the wings, wounded officers and their orderlies were to be seen. They were all looking at the count and moving toward the porch.

"Please step into the gallery, your excellency," said the major-domo. "What are your orders about the pictures?"

The count went into the house with him, repeating his order not to refuse the wounded who asked for a lift.

"Well, never mind, some of the things can be unloaded," he added in a soft, confidential voice, as though afraid of being overheard.

At nine o'clock the countess woke up, and Matrena Timofeevna, who had been her lady's maid before her marriage and now performed a sort of chief gendarme's duty for her, came to say that Madame Schoss was much offended and the young ladies' summer dresses could not be left behind. On inquiry, the countess learned that Madame Schoss was offended because her trunk had been taken down from its cart, and all the loads were being uncorded and the luggage taken out of the carts to make room for wounded men whom the count in the simplicity of his heart had ordered that they should take with them. The countess sent for her husband.

"What is this, my dear? I hear that the luggage is being unloaded."

"You know, love, I wanted to tell you... Countess dear... an officer came to me to ask for a few carts for the wounded. After all, ours are things that can be bought but think what being left behind means to them!... Really now, in our own yard--we asked them in ourselves and there are officers among them.... You know, I think, my dear... let them be taken... where's the hurry?"

The count spoke timidly, as he always did when talking of money matters. The countess was accustomed to this tone as a precursor of news of something detrimental to the children's interests, such as the building of a new gallery or conservatory, the inauguration of a private theater or an orchestra. She was accustomed always to oppose anything announced in that timid tone and considered it her duty to do so.

She assumed her dolefully submissive manner and said to her husband: "Listen to me, Count, you have managed matters so that we are getting nothing for the house, and now you wish to throw away all our--all the children's property! You said yourself that we have a hundred thousand rubles' worth of things in the house. I don't consent, my dear, I don't! Do as you please! It's the government's business to look after the wounded; they know that. Look at the Lopukhins opposite, they cleared out everything two days ago. That's what other people do. It's only we who are such fools. If you have no pity on me, have some for the children."

Flourishing his arms in despair the count left the room without replying.

"Papa, what are you doing that for?" asked Natasha, who had followed him into her mother's room.

"Nothing! What business is it of yours?" muttered the count angrily.

"But I heard," said Natasha. "Why does Mamma object?"

"What business is it of yours?" cried the count.

Natasha stepped up to the window and pondered.

"Papa! Here's Berg coming to see us," said she, looking out of the window.

CHAPTER XVI

Berg, the Rostovs' son-in-law, was already a colonel wearing the orders of Vladimir and Anna, and he still filled the quiet and agreeable post of assistant to the head of the staff of the assistant commander of the first division of the Second Army.

On the first of September he had come to Moscow from the army.

He had nothing to do in Moscow, but he had noticed that everyone in the army was asking for leave to visit Moscow and had something to do there. So he considered it necessary to ask for leave of absence for family and domestic reasons.

Berg drove up to his father-in-law's house in his spruce little trap with a pair of sleek roans, exactly like those of a certain prince. He looked attentively at the carts in the yard and while going up to the porch took out a clean pocket handkerchief and tied a knot in it.

From the anteroom Berg ran with smooth though impatient steps into the drawing room, where he embraced the count, kissed the hands of Natasha and Sonya, and hastened to inquire after "Mamma's" health.

"Health, at a time like this?" said the count. "Come, tell us the news! Is the army retreating or will there be another battle?"

"God Almighty alone can decide the fate of our fatherland, Papa," said Berg. "The army is burning with a spirit of heroism and the leaders, so to say, have now assembled in council. No one knows what is coming. But in general I can tell you, Papa, that such a heroic spirit, the truly antique valor of the Russian army, which they--which it" (he corrected himself) "has shown or displayed in the battle of the twenty-sixth--there are no words worthy to do it justice! I tell you, Papa" (he smote himself on the breast as a general he had heard speaking had done, but Berg did it a trifle late for he should have struck his breast at the words "Russian army"), "I tell you frankly that we, the commanders, far from having to urge the men on or anything of that kind, could hardly restrain those... those... yes, those exploits of antique valor," he went on rapidly. "General Barclay de Tolly risked his life everywhere at the head of the troops, I can assure you. Our corps was stationed on a hillside. You can imagine!"

And Berg related all that he remembered of the various tales he had heard those days. Natasha watched him with an intent gaze that confused him, as if she were trying to find in his face the answer to some question.

"Altogether such heroism as was displayed by the Russian warriors cannot be imagined or adequately praised!" said Berg, glancing round at Natasha, and as if anxious to conciliate her, replying to her intent look with a smile. "Russia is not in Moscow, she lives in the hearts of her sons! Isn't it so, Papa?" said he.

Just then the countess came in from the sitting room with a weary and dissatisfied expression. Berg hurriedly jumped up, kissed her hand, asked about her health, and, swaying his head from side to side to express sympathy, remained standing beside her.

"Yes, Mamma, I tell you sincerely that these are hard and sad times for every Russian. But why are you so anxious? You have still time to get away...."

"I can't think what the servants are about," said the countess, turning to her husband. "I have just been told that nothing is ready yet. Somebody after all must see to things. One misses Mitenka at such times. There won't be any end to it."

The count was about to say something, but evidently restrained himself. He got up from his chair and went to the door.

At that moment Berg drew out his handkerchief as if to blow his nose and, seeing the knot in it, pondered, shaking his head sadly and significantly.

"And I have a great favor to ask of you, Papa," said he.

"Hm..." said the count, and stopped.

"I was driving past Yusupov's house just now," said Berg with a laugh, "when the steward, a man I know, ran out and asked me whether I wouldn't buy something. I went in out of curiosity, you know, and there is a small chiffonier and a dressing table. You know how dear Vera wanted a chiffonier like that and how we had a dispute about it." (At the mention of the chiffonier and dressing table Berg involuntarily changed his tone to one of pleasure at his admirable domestic arrangements.) "And it's such a beauty! It pulls out and has a secret English drawer, you know! And dear Vera has long wanted one. I wish to give her a surprise, you see. I saw so many of those peasant carts in your yard. Please let me have one, I will pay the man well, and..."

The count frowned and coughed.

"Ask the countess, I don't give orders."

"If it's inconvenient, please don't," said Berg. "Only I so wanted it, for dear Vera's sake."

"Oh, go to the devil, all of you! To the devil, the devil, the devil..." cried the old count. "My head's in a whirl!"

And he left the room. The countess began to cry.

"Yes, Mamma! Yes, these are very hard times!" said Berg.

Natasha left the room with her father and, as if finding it difficult to reach some decision, first followed him and then ran downstairs.

Petya was in the porch, engaged in giving out weapons to the servants who were to leave Moscow. The loaded carts were still standing in the yard. Two of them had been uncorded and a wounded officer was climbing into one of them helped by an orderly.

"Do you know what it's about?" Petya asked Natasha.

She understood that he meant what were their parents quarreling about. She did not answer.

"It's because Papa wanted to give up all the carts to the wounded," said Petya. "Vasilich told me. I consider..."

"I consider," Natasha suddenly almost shouted, turning her angry face to Petya, "I consider it so horrid, so abominable, so... I don't know what. Are we despicable Germans?"

Her throat quivered with convulsive sobs and, afraid of weakening and letting the force of her anger run to waste, she turned and rushed headlong up the stairs.

Berg was sitting beside the countess consoling her with the respectful attention of a relative. The count, pipe in hand, was pacing up and down the room, when Natasha, her face distorted by anger, burst in like a tempest and approached her mother with rapid steps.

"It's horrid! It's abominable!" she screamed. "You can't possibly have ordered it!"

Berg and the countess looked at her, perplexed and frightened. The count stood still at the window and listened.

"Mamma, it's impossible: see what is going on in the yard!" she cried. "They will be left!..."

"What's the matter with you? Who are 'they'? What do you want?"

"Why, the wounded! It's impossible, Mamma. It's monstrous!... No, Mamma darling, it's not the thing. Please forgive me, darling.... Mamma, what does it matter what we take away? Only look what is going on in the yard... Mamma!... It's impossible!"

The count stood by the window and listened without turning round. Suddenly he sniffed and put his face closer to the window.

The countess glanced at her daughter, saw her face full of shame for her mother, saw her agitation, and understood why her husband did not turn to look at her now, and she glanced round quite disconcerted.

"Oh, do as you like! Am I hindering anyone?" she said, not surrendering at once.

"Mamma, darling, forgive me!"

But the countess pushed her daughter away and went up to her husband.

"My dear, you order what is right.... You know I don't understand about it," said she, dropping her eyes shamefacedly.

"The eggs... the eggs are teaching the hen," muttered the count through tears of joy, and he embraced his wife who was glad to hide her look of shame on his breast.

"Papa! Mamma! May I see to it? May I?..." asked Natasha. "We will still take all the most necessary things."

The count nodded affirmatively, and Natasha, at the rapid pace at which she used to run when playing at tag, ran through the ballroom to the anteroom and downstairs into the yard.

The servants gathered round Natasha, but could not believe the strange order she brought them until the count himself, in his wife's name, confirmed the order to give up all the carts to the wounded and take the trunks to the storerooms. When they understood that order the servants set to work at this new task with pleasure and zeal. It no longer seemed strange to them but on the contrary it seemed the only thing that could be done, just as a quarter of an hour before it had not seemed strange to anyone that the wounded should be left behind and the goods carted away but that had seemed the only thing to do.

The whole household, as if to atone for not having done it sooner, set eagerly to work at the new task of placing the wounded in the carts. The wounded dragged themselves out of their rooms and stood with pale but happy faces round the carts. The news that carts were to be had spread to the neighboring houses, from which wounded men began to come into the Rostovs' yard. Many of the wounded asked them not to unload the carts but only to let them sit on the top of the things. But the work of unloading, once started, could not be arrested. It seemed not to matter whether all or only half the things were left behind. Cases full of china, bronzes, pictures, and mirrors that had been so carefully packed the night before now lay about the yard, and still they went on searching for and finding possibilities of unloading this or that and letting the wounded have another and yet another cart.

"We can take four more men," said the steward. "They can have my trap, or else what is to become of them?"

"Let them have my wardrobe cart," said the countess. "Dunyasha can go with me in the carriage."

They unloaded the wardrobe cart and sent it to take wounded men from a house two doors off. The whole household, servants included, was bright and animated. Natasha was in a state of rapturous excitement such as she had not known for a long time.

"What could we fasten this onto?" asked the servants, trying to fix a trunk on the narrow footboard behind a carriage. "We must keep at least one cart."

"What's in it?" asked Natasha.

"The count's books."

"Leave it, Vasilich will put it away. It's not wanted."

The phaeton was full of people and there was a doubt as to where Count Peter could sit.

"On the box. You'll sit on the box, won't you, Petya?" cried Natasha.

Sonya too was busy all this time, but the aim of her efforts was quite different from Natasha's. She was putting away the things that had to be left behind and making a list of them as the countess wished, and she tried to get as much taken away with them as possible.

CHAPTER XVII

Before two o'clock in the afternoon the Rostovs' four carriages, packed full and with the horses harnessed, stood at the front door. One by one the carts with the wounded had moved out of the yard.

The caleche in which Prince Andrew was being taken attracted Sonya's attention as it passed the front porch. With the help of a maid she was arranging a seat for the countess in the huge high coach that stood at the entrance.

"Whose caleche is that?" she inquired, leaning out of the carriage window.

"Why, didn't you know, Miss?" replied the maid. "The wounded prince: he spent the night in our house and is going with us."

"But who is it? What's his name?"

"It's our intended that was--Prince Bolkonski himself! They say he is dying," replied the maid with a sigh.

Sonya jumped out of the coach and ran to the countess. The countess, tired out and already dressed in shawl and bonnet for her journey, was pacing up and down the drawing room, waiting for the household to assemble for the usual silent prayer with closed doors before starting. Natasha was not in the room.

"Mamma," said Sonya, "Prince Andrew is here, mortally wounded. He is going with us."

The countess opened her eyes in dismay and, seizing Sonya's arm, glanced around.

"Natasha?" she murmured.

At that moment this news had only one significance for both of them. They knew their Natasha, and alarm as to what would happen if she heard this news stifled all sympathy for the man they both liked.

"Natasha does not know yet, but he is going with us," said Sonya.

"You say he is dying?"

Sonya nodded.

The countess put her arms around Sonya and began to cry.

"The ways of God are past finding out!" she thought, feeling that the Almighty Hand, hitherto unseen, was becoming manifest in all that was now taking place.

"Well, Mamma? Everything is ready. What's the matter?" asked Natasha, as with animated face she ran into the room.

"Nothing," answered the countess. "If everything is ready let us start."

And the countess bent over her reticule to hide her agitated face. Sonya embraced Natasha and kissed her.

Natasha looked at her inquiringly.

"What is it? What has happened?"

"Nothing... No..."

"Is it something very bad for me? What is it?" persisted Natasha with her quick intuition.

Sonya sighed and made no reply. The count, Petya, Madame Schoss, Mavra Kuzminichna, and Vasilich came into the drawing room and, having closed the doors, they all sat down and remained for some moments silently seated without looking at one another.

The count was the first to rise, and with a loud sigh crossed himself before the icon. All the others did the same. Then the count embraced Mavra Kuzminichna and Vasilich, who were to remain in Moscow, and while they caught at his hand and kissed his shoulder he patted their backs lightly with some vaguely affectionate and comforting words. The countess went into the oratory and there Sonya found her on her knees before the icons that had been left here and there hanging on the wall. (The most precious ones, with which some family tradition was connected, were being taken with them.)

In the porch and in the yard the men whom Petya had armed with swords and daggers, with trousers tucked inside their high boots and with belts and girdles tightened, were taking leave of those remaining behind.

As is always the case at a departure, much had been forgotten or put in the wrong place, and for a long time two menservants stood one on each side of the open door and the carriage steps waiting to help the countess in, while maids rushed with cushions and bundles from the house to the carriages, the caleche, the phaeton, and back again.

"They always will forget everything!" said the countess. "Don't you know I can't sit like that?"

And Dunyasha, with clenched teeth, without replying but with an aggrieved look on her face, hastily got into the coach to rearrange the seat.

"Oh, those servants!" said the count, swaying his head.

Efim, the old coachman, who was the only one the countess trusted to drive her, sat perched up high on the box and did not so much as glance round at what was going on behind him. From thirty years' experience he knew it would be some time yet before the order, "Be off, in God's name!" would be given him: and he knew that even when it was said he would be stopped once or twice more while they sent back to fetch something that had been forgotten, and even after that he would again be stopped and the countess herself would lean out of the window and beg him for the love of heaven to drive carefully down the hill. He knew all this and therefore waited calmly for what would happen, with more patience than the horses, especially the near one, the chestnut Falcon, who was pawing the ground and champing his bit. At last all were seated, the carriage steps were

folded and pulled up, the door was shut, somebody was sent for a traveling case, and the countess leaned out and said what she had to say. Then Efim deliberately doffed his hat and began crossing himself. The postilion and all the other servants did the same. "Off, in God's name!" said Efim, putting on his hat. "Start!" The postilion started the horses, the off pole horse tugged at his collar, the high springs creaked, and the body of the coach swayed. The footman sprang onto the box of the moving coach which jolted as it passed out of the yard onto the uneven roadway; the other vehicles jolted in their turn, and the procession of carriages moved up the street. In the carriages, the caleche, and the phaeton, all crossed themselves as they passed the church opposite the house. Those who were to remain in Moscow walked on either side of the vehicles seeing the travelers off.

Rarely had Natasha experienced so joyful a feeling as now, sitting in the carriage beside the countess and gazing at the slowly receding walls of forsaken, agitated Moscow. Occasionally she leaned out of the carriage window and looked back and then forward at the long train of wounded in front of them. Almost at the head of the line she could see the raised hood of Prince Andrew's caleche. She did not know who was in it, but each time she looked at the procession her eyes sought that caleche. She knew it was right in front.

In Kudrino, from the Nikitski, Presnya, and Podnovinsk Streets came several other trains of vehicles similar to the Rostovs', and as they passed along the Sadovaya Street the carriages and carts formed two rows abreast.

As they were going round the Sukharev water tower Natasha, who was inquisitively and alertly scrutinizing the people driving or walking past, suddenly cried out in joyful surprise:

"Dear me! Mamma, Sonya, look, it's he!"

"Who? Who?"

"Look! Yes, on my word, it's Bezukhov!" said Natasha, putting her head out of the carriage and staring at a tall, stout man in a coachman's long coat, who from his manner of walking and moving was evidently a gentleman in disguise, and who was passing under the arch of the Sukharev tower accompanied by a small, sallow-faced, beardless old man in a frieze coat.

"Yes, it really is Bezukhov in a coachman's coat, with a queer-looking old boy. Really," said Natasha, "look, look!"

"No, it's not he. How can you talk such nonsense?"

"Mamma," screamed Natasha, "I'll stake my head it's he! I assure you! Stop, stop!" she cried to the coachman.

But the coachman could not stop, for from the Meshchanski Street came more carts and carriages, and the Rostovs were being shouted at to move on and not block the way.

In fact, however, though now much farther off than before, the Rostovs all saw Pierre--or someone extraordinarily like him--in a coachman's coat, going down the street with head bent and a serious face beside a small, beardless old man who looked like a footman. That old man noticed a face thrust out of the carriage window gazing at them, and respectfully touching Pierre's elbow said something to him and pointed to the carriage. Pierre, evidently engrossed in thought, could not at first understand him. At length when he had understood and looked in the direction the old man indicated, he recognized Natasha, and following his first impulse stepped instantly and rapidly toward the coach. But having taken a dozen steps he seemed to remember something and stopped.

Natasha's face, leaning out of the window, beamed with quizzical kindness.

"Peter Kirilovich, come here! We have recognized you! This is wonderful!" she cried, holding out her hand to him. "What are you doing? Why are you like this?"

Pierre took her outstretched hand and kissed it awkwardly as he walked along beside her while the coach still moved on.

"What is the matter, Count?" asked the countess in a surprised and commiserating tone.

"What? What? Why? Don't ask me," said Pierre, and looked round at Natasha whose radiant, happy expression--of which he was conscious without looking at her--filled him with enchantment.

"Are you remaining in Moscow, then?"

Pierre hesitated.

"In Moscow?" he said in a questioning tone. "Yes, in Moscow. Goodby!"

"Ah, if only I were a man? I'd certainly stay with you. How splendid!" said Natasha. "Mamma, if you'll let me, I'll stay!"

Pierre glanced absently at Natasha and was about to say something,

but the countess interrupted him.

"You were at the battle, we heard."

"Yes, I was," Pierre answered. "There will be another battle tomorrow..." he began, but Natasha interrupted him.

"But what is the matter with you, Count? You are not like yourself..."

"Oh, don't ask me, don't ask me! I don't know myself. Tomorrow... But no! Good-by, good-by!" he muttered. "It's an awful time!" and dropping behind the carriage he stepped onto the pavement.

Natasha continued to lean out of the window for a long time, beaming at him with her kindly, slightly quizzical, happy smile.

CHAPTER XVIII

For the last two days, ever since leaving home, Pierre had been living in the empty house of his deceased benefactor, Bazdeev. This is how it happened.

When he woke up on the morning after his return to Moscow and his interview with Count Rostopchin, he could not for some time make out where he was and what was expected of him. When he was informed that among others awaiting him in his reception room there was a Frenchman who had brought a letter from his wife, the Countess Helene, he felt suddenly overcome by that sense of confusion and hopelessness to which he was apt to succumb. He felt that everything was now at an end, all was in confusion and crumbling to pieces, that nobody was right or wrong, the future held nothing, and there was no escape from this position. Smiling unnaturally and muttering to himself, he first sat down on the sofa in an attitude of despair, then rose, went to the door of the reception room and peeped through the crack, returned flourishing his arms, and took up a book. His major-domo came in a second time to say that the Frenchman who had brought the letter from the countess was very anxious to see him if only for a minute, and that someone from Bazdeev's widow had called to ask Pierre to take charge of her husband's books, as she herself was leaving for the country.

"Oh, yes, in a minute; wait... or no! No, of course... go and say

I will come directly," Pierre replied to the major-domo.

But as soon as the man had left the room Pierre took up his hat which was lying on the table and went out of his study by the other door. There was no one in the passage. He went along the whole length of this passage to the stairs and, frowning and rubbing his forehead with both hands, went down as far as the first landing. The hall porter was standing at the front door. From the landing where Pierre stood there was a second staircase leading to the back entrance. He went down that staircase and out into the yard. No one had seen him. But there were some carriages waiting, and as soon as Pierre stepped out of the gate the coachmen and the yard porter noticed him and raised their caps to him. When he felt he was being looked at he behaved like an ostrich which hides its head in a bush in order not to be seen: he hung his head and quickening his pace went down the street.

Of all the affairs awaiting Pierre that day the sorting of Joseph Bazdeev's books and papers appeared to him the most necessary.

He hired the first cab he met and told the driver to go to the Patriarch's Ponds, where the widow Bazdeev's house was.

Continually turning round to look at the rows of loaded carts that were making their way from all sides out of Moscow, and balancing his bulky body so as not to slip out of the ramshackle old vehicle, Pierre, experiencing the joyful feeling of a boy escaping from school, began to talk to his driver.

The man told him that arms were being distributed today at the Kremlin and that tomorrow everyone would be sent out beyond the Three Hills gates and a great battle would be fought there.

Having reached the Patriarch's Ponds Pierre found the Bazdeevs' house, where he had not been for a long time past. He went up to the gate. Gerasim, that sallow beardless old man Pierre had seen at Torzhok five years before with Joseph Bazdeev, came out in answer to his knock.

"At home?" asked Pierre.

"Owing to the present state of things Sophia Danilovna has gone to the Torzhok estate with the children, your excellency."

"I will come in all the same, I have to look through the books," said Pierre.

"Be so good as to step in. Makar Alexeevich, the brother of my late master--may the kingdom of heaven be his--has remained here, but he is in a weak state as you know," said the old servant.

Pierre knew that Makar Alexeevich was Joseph Bazdeev's half-insane brother and a hard drinker.

"Yes, yes, I know. Let us go in..." said Pierre and entered the house.

A tall, bald-headed old man with a red nose, wearing a dressing gown and with galoshes on his bare feet, stood in the anteroom. On seeing Pierre he muttered something angrily and went away along the passage.

"He was a very clever man but has now grown quite feeble, as your honor sees," said Gerasim. "Will you step into the study?" Pierre nodded. "As it was sealed up so it has remained, but Sophia Danilovna gave orders that if anyone should come from you they were to have the books."

Pierre went into that gloomy study which he had entered with such trepidation in his benefactor's lifetime. The room, dusty and untouched since the death of Joseph Bazdeev was now even gloomier.

Gerasim opened one of the shutters and left the room on tiptoe. Pierre went round the study, approached the cupboard in which the manuscripts were kept, and took out what had once been one of the most important, the holy of holies of the order. This was the authentic Scotch Acts with Bazdeev's notes and explanations. He sat down at the dusty writing table, and, having laid the manuscripts before him, opened them out, closed them, finally pushed them away, and resting his head on his hand sank into meditation.

Gerasim looked cautiously into the study several times and saw Pierre always sitting in the same attitude.

More than two hours passed and Gerasim took the liberty of making a slight noise at the door to attract his attention, but Pierre did not hear him.

"Is the cabman to be discharged, your honor?"

"Oh yes!" said Pierre, rousing himself and rising hurriedly. "Look here," he added, taking Gerasim by a button of his coat and looking down at the old man with moist, shining, and ecstatic eyes, "I say, do you know that there is going to be a battle tomorrow?"

"We heard so," replied the man.

"I beg you not to tell anyone who I am, and to do what I ask you."

"Yes, your excellency," replied Gerasim. "Will you have something to eat?"

"No, but I want something else. I want peasant clothes and a pistol," said Pierre, unexpectedly blushing.

"Yes, your excellency," said Gerasim after thinking for a moment.

All the rest of that day Pierre spent alone in his benefactor's study, and Gerasim heard him pacing restlessly from one corner to another and talking to himself. And he spent the night on a bed made up for him there.

Gerasim, being a servant who in his time had seen many strange things, accepted Pierre's taking up his residence in the house without surprise, and seemed pleased to have someone to wait on. That same evening--without even asking himself what they were wanted for--he procured a coachman's coat and cap for Pierre, and promised to get him the pistol next day. Makar Alexeevich came twice that evening shuffling along in his galoshes as far as the door and stopped and looked ingratiatingly at Pierre. But as soon as Pierre turned toward him he wrapped his dressing gown around him with a shamefaced and angry look and hurried away. It was when Pierre (wearing the coachman's coat which Gerasim had procured for him and had disinfected by steam) was on his way with the old man to buy the pistol at the Sukharev market that he met the Rostovs.

CHAPTER XIX

Kutuzov's order to retreat through Moscow to the Ryazan road was issued at night on the first of September.

The first troops started at once, and during the night they marched slowly and steadily without hurry. At daybreak, however, those nearing the town at the Dorogomilov bridge saw ahead of them masses of soldiers crowding and hurrying across the bridge, ascending on the opposite side and blocking the streets and alleys, while endless masses of troops were bearing down on them from behind, and an unreasoning hurry and alarm overcame them. They all rushed forward to the bridge, onto it, and to the fords and the boats. Kutuzov

himself had driven round by side streets to the other side of Moscow.

By ten o'clock in the morning of the second of September, only the rear guard remained in the Dorogomilov suburb, where they had ample room. The main army was on the other side of Moscow or beyond it.

At that very time, at ten in the morning of the second of September, Napoleon was standing among his troops on the Poklonny Hill looking at the panorama spread out before him. From the twenty-sixth of August to the second of September, that is from the battle of Borodino to the entry of the French into Moscow, during the whole of that agitating, memorable week, there had been the extraordinary autumn weather that always comes as a surprise, when the sun hangs low and gives more heat than in spring, when everything shines so brightly in the rare clear atmosphere that the eyes smart, when the lungs are strengthened and refreshed by inhaling the aromatic autumn air, when even the nights are warm, and when in those dark warm nights, golden stars startle and delight us continually by falling from the sky.

At ten in the morning of the second of September this weather still held.

The brightness of the morning was magical. Moscow seen from the Poklonny Hill lay spaciously spread out with her river, her gardens, and her churches, and she seemed to be living her usual life, her cupolas glittering like stars in the sunlight.

The view of the strange city with its peculiar architecture, such as he had never seen before, filled Napoleon with the rather envious and uneasy curiosity men feel when they see an alien form of life that has no knowledge of them. This city was evidently living with the full force of its own life. By the indefinite signs which, even at a distance, distinguish a living body from a dead one, Napoleon from the Poklonny Hill perceived the throb of life in the town and felt, as it were, the breathing of that great and beautiful body.

Every Russian looking at Moscow feels her to be a mother; every foreigner who sees her, even if ignorant of her significance as the mother city, must feel her feminine character, and Napoleon felt it.

"Cette ville asiatique aux innombrables églises, Moscou la sainte. La voilà donc enfin, cette fameuse ville! Il était temps,"* said he, and dismounting he ordered a plan of Moscow to be spread out before him, and summoned Lelorgne d'Ideville, the interpreter.

*"That Asiatic city of the innumerable churches, holy Moscow! Here it is then at last, that famous city. It was high time."

"A town captured by the enemy is like a maid who has lost her honor," thought he (he had said so to Tuchkov at Smolensk). From that point of view he gazed at the Oriental beauty he had not seen before. It seemed strange to him that his long-felt wish, which had seemed unattainable, had at last been realized. In the clear morning light he gazed now at the city and now at the plan, considering its details, and the assurance of possessing it agitated and awed him.

"But could it be otherwise?" he thought. "Here is this capital at my feet. Where is Alexander now, and of what is he thinking? A strange, beautiful, and majestic city; and a strange and majestic moment! In what light must I appear to them!" thought he, thinking of his troops. "Here she is, the reward for all those fainthearted men," he reflected, glancing at those near him and at the troops who were approaching and forming up. "One word from me, one movement of my hand, and that ancient capital of the Tsars would perish. But my clemency is always ready to descend upon the vanquished. I must be magnanimous and truly great. But no, it can't be true that I am in Moscow," he suddenly thought. "Yet here she is lying at my feet, with her golden domes and crosses scintillating and twinkling in the sunshine. But I shall spare her. On the ancient monuments of barbarism and despotism I will inscribe great words of justice and mercy.... It is just this which Alexander will feel most painfully, I know him." (It seemed to Napoleon that the chief import of what was taking place lay in the personal struggle between himself and Alexander.) "From the height of the Kremlin--yes, there is the Kremlin, yes--I will give them just laws; I will teach them the meaning of true civilization, I will make generations of boyars remember their conqueror with love. I will tell the deputation that I did not, and do not, desire war, that I have waged war only against the false policy of their court; that I love and respect Alexander and that in Moscow I will accept terms of peace worthy of myself and of my people. I do not wish to utilize the fortunes of war to humiliate an honored monarch. 'Boyars,' I will say to them, 'I do not desire war, I desire the peace and welfare of all my subjects.' However, I know their presence will inspire me, and I shall speak to them as I always do: clearly, impressively, and majestically. But can it be true that I am in Moscow? Yes, there she lies."

"Qu'on m'amene les boyars,"* said he to his suite.

*"Bring the boyars to me."

A general with a brilliant suite galloped off at once to fetch the

boyars.

Two hours passed. Napoleon had lunched and was again standing in the same place on the Poklonny Hill awaiting the deputation. His speech to the boyars had already taken definite shape in his imagination. That speech was full of dignity and greatness as Napoleon understood it.

He was himself carried away by the tone of magnanimity he intended to adopt toward Moscow. In his imagination he appointed days for assemblies at the palace of the Tsars, at which Russian notables and his own would mingle. He mentally appointed a governor, one who would win the hearts of the people. Having learned that there were many charitable institutions in Moscow he mentally decided that he would shower favors on them all. He thought that, as in Africa he had to put on a burnoose and sit in a mosque, so in Moscow he must be beneficent like the Tsars. And in order finally to touch the hearts of the Russians--and being like all Frenchmen unable to imagine anything sentimental without a reference to *ma chere, ma tendre, ma pauvre mere** --he decided that he would place an inscription on all these establishments in large letters: "This establishment is dedicated to my dear mother." Or no, it should be simply: *Maison de ma Mere*,*[2] he concluded. "But am I really in Moscow? Yes, here it lies before me, but why is the deputation from the city so long in appearing?" he wondered.

*"My dear, my tender, my poor mother."

*[2] "House of my Mother."

Meanwhile an agitated consultation was being carried on in whispers among his generals and marshals at the rear of his suite. Those sent to fetch the deputation had returned with the news that Moscow was empty, that everyone had left it. The faces of those who were not conferring together were pale and perturbed. They were not alarmed by the fact that Moscow had been abandoned by its inhabitants (grave as that fact seemed), but by the question how to tell the Emperor--without putting him in the terrible position of appearing ridiculous--that he had been awaiting the boyars so long in vain: that there were drunken mobs left in Moscow but no one else. Some said that a deputation of some sort must be scraped together, others disputed that opinion and maintained that the Emperor should first be carefully and skillfully prepared, and then told the truth.

"He will have to be told, all the same," said some gentlemen of the suite. "But, gentlemen..."

The position was the more awkward because the Emperor, meditating upon his magnanimous plans, was pacing patiently up and down before the outspread map, occasionally glancing along the road to Moscow from under his lifted hand with a bright and proud smile.

"But it's impossible..." declared the gentlemen of the suite, shrugging their shoulders but not venturing to utter the implied word—le ridicule...

At last the Emperor, tired of futile expectation, his actor's instinct suggesting to him that the sublime moment having been too long drawn out was beginning to lose its sublimity, gave a sign with his hand. A single report of a signaling gun followed, and the troops, who were already spread out on different sides of Moscow, moved into the city through Tver, Kaluga, and Dorogomilov gates. Faster and faster, vying with one another, they moved at the double or at a trot, vanishing amid the clouds of dust they raised and making the air ring with a deafening roar of mingling shouts.

Drawn on by the movement of his troops Napoleon rode with them as far as the Dorogomilov gate, but there again stopped and, dismounting from his horse, paced for a long time by the Kammer-Kollezski rampart, awaiting the deputation.

CHAPTER XX

Meanwhile Moscow was empty. There were still people in it, perhaps a fiftieth part of its former inhabitants had remained, but it was empty. It was empty in the sense that a dying queenless hive is empty.

In a queenless hive no life is left though to a superficial glance it seems as much alive as other hives.

The bees circle round a queenless hive in the hot beams of the midday sun as gaily as around the living hives; from a distance it smells of honey like the others, and bees fly in and out in the same way. But one has only to observe that hive to realize that there is no longer any life in it. The bees do not fly in the same way, the smell and the sound that meet the beekeeper are not the same. To the beekeeper's tap on the wall of the sick hive, instead of the former instant unanimous humming of tens of thousands of bees with their abdomens threateningly compressed, and producing by the rapid vibration of their wings an aerial living sound, the only reply is a

disconnected buzzing from different parts of the deserted hive. From the alighting board, instead of the former spirituous fragrant smell of honey and venom, and the warm whiffs of crowded life, comes an odor of emptiness and decay mingling with the smell of honey. There are no longer sentinels sounding the alarm with their abdomens raised, and ready to die in defense of the hive. There is no longer the measured quiet sound of throbbing activity, like the sound of boiling water, but diverse discordant sounds of disorder. In and out of the hive long black robber bees smeared with honey fly timidly and shiftily. They do not sting, but crawl away from danger. Formerly only bees laden with honey flew into the hive, and they flew out empty; now they fly out laden. The beekeeper opens the lower part of the hive and peers in. Instead of black, glossy bees--tamed by toil, clinging to one another's legs and drawing out the wax, with a ceaseless hum of labor--that used to hang in long clusters down to the floor of the hive, drowsy shriveled bees crawl about separately in various directions on the floor and walls of the hive. Instead of a neatly glued floor, swept by the bees with the fanning of their wings, there is a floor littered with bits of wax, excrement, dying bees scarcely moving their legs, and dead ones that have not been cleared away.

The beekeeper opens the upper part of the hive and examines the super. Instead of serried rows of bees sealing up every gap in the combs and keeping the brood warm, he sees the skillful complex structures of the combs, but no longer in their former state of purity. All is neglected and foul. Black robber bees are swiftly and stealthily prowling about the combs, and the short home bees, shriveled and listless as if they were old, creep slowly about without trying to hinder the robbers, having lost all motive and all sense of life. Drones, bumblebees, wasps, and butterflies knock awkwardly against the walls of the hive in their flight. Here and there among the cells containing dead brood and honey an angry buzzing can sometimes be heard. Here and there a couple of bees, by force of habit and custom cleaning out the brood cells, with efforts beyond their strength laboriously drag away a dead bee or bumblebee without knowing why they do it. In another corner two old bees are languidly fighting, or cleaning themselves, or feeding one another, without themselves knowing whether they do it with friendly or hostile intent. In a third place a crowd of bees, crushing one another, attack some victim and fight and smother it, and the victim, enfeebled or killed, drops from above slowly and lightly as a feather, among the heap of corpses. The keeper opens the two center partitions to examine the brood cells. In place of the former close dark circles formed by thousands of bees sitting back to back and guarding the high mystery of generation, he sees hundreds of dull, listless, and sleepy shells of bees. They have almost all died unawares, sitting in the sanctuary they had guarded and which is now no more. They reek of decay and death. Only a few of them still move, rise, and feebly fly to settle on the

enemy's hand, lacking the spirit to die stinging him; the rest are dead and fall as lightly as fish scales. The beekeeper closes the hive, chalks a mark on it, and when he has time tears out its contents and burns it clean.

So in the same way Moscow was empty when Napoleon, weary, uneasy, and morose, paced up and down in front of the Kammer-Kollezski rampart, awaiting what to his mind was a necessary, if but formal, observance of the proprieties--a deputation.

In various corners of Moscow there still remained a few people aimlessly moving about, following their old habits and hardly aware of what they were doing.

When with due circumspection Napoleon was informed that Moscow was empty, he looked angrily at his informant, turned away, and silently continued to walk to and fro.

"My carriage!" he said.

He took his seat beside the aide-de-camp on duty and drove into the suburb. "Moscow deserted!" he said to himself. "What an incredible event!"

He did not drive into the town, but put up at an inn in the Dorogomilov suburb.

The coup de theatre had not come off.

CHAPTER XXI

The Russian troops were passing through Moscow from two o'clock at night till two in the afternoon and bore away with them the wounded and the last of the inhabitants who were leaving.

The greatest crush during the movement of the troops took place at the Stone, Moskva, and Yauza bridges.

While the troops, dividing into two parts when passing around the Kremlin, were thronging the Moskva and the Stone bridges, a great many soldiers, taking advantage of the stoppage and congestion, turned back from the bridges and slipped stealthily and silently past the church of Vasili the Beatified and under the Borovitski gate, back up the

hill to the Red Square where some instinct told them they could easily take things not belonging to them. Crowds of the kind seen at cheap sales filled all the passages and alleys of the Bazaar. But there were no dealers with voices of ingratiating affability inviting customers to enter; there were no hawkers, nor the usual motley crowd of female purchasers--but only soldiers, in uniforms and overcoats though without muskets, entering the Bazaar empty-handed and silently making their way out through its passages with bundles. Tradesmen and their assistants (of whom there were but few) moved about among the soldiers quite bewildered. They unlocked their shops and locked them up again, and themselves carried goods away with the help their assistants. On the square in front of the Bazaar were drummers beating the muster call. But the roll of the drums did not make the looting soldiers run in the direction of the drum as formerly, but made them, on the contrary, run farther away. Among the soldiers in the shops and passages some men were to be seen in gray coats, with closely shaven heads. Two officers, one with a scarf over his uniform and mounted on a lean, dark-gray horse, the other in an overcoat and on foot, stood at the corner of Ilyinka Street, talking. A third officer galloped up to them.

"The general orders them all to be driven out at once, without fail. This is outrageous! Half the men have dispersed."

"Where are you off to?... Where?..." he shouted to three infantrymen without muskets who, holding up the skirts of their overcoats, were slipping past him into the Bazaar passage. "Stop, you rascals!"

"But how are you going to stop them?" replied another officer. "There is no getting them together. The army should push on before the rest bolt, that's all!"

"How can one push on? They are stuck there, wedged on the bridge, and don't move. Shouldn't we put a cordon round to prevent the rest from running away?"

"Come, go in there and drive them out!" shouted the senior officer.

The officer in the scarf dismounted, called up a drummer, and went with him into the arcade. Some soldiers started running away in a group. A shopkeeper with red pimples on his cheeks near the nose, and a calm, persistent, calculating expression on his plump face, hurriedly and ostentatiously approached the officer, swinging his arms.

"Your honor!" said he. "Be so good as to protect us! We won't grudge trifles, you are welcome to anything--we shall be delighted! Pray!... I'll fetch a piece of cloth at once for such an honorable

gentleman, or even two pieces with pleasure. For we feel how it is; but what's all this--sheer robbery! If you please, could not guards be placed if only to let us close the shop...."

Several shopkeepers crowded round the officer.

"Eh, what twaddle!" said one of them, a thin, stern-looking man. "When one's head is gone one doesn't weep for one's hair! Take what any of you like!" And flourishing his arm energetically he turned sideways to the officer.

"It's all very well for you, Ivan Sidorych, to talk," said the first tradesman angrily. "Please step inside, your honor!"

"Talk indeed!" cried the thin one. "In my three shops here I have a hundred thousand rubles' worth of goods. Can they be saved when the army has gone? Eh, what people! 'Against God's might our hands can't fight.'"

"Come inside, your honor!" repeated the tradesman, bowing.

The officer stood perplexed and his face showed indecision.

"It's not my business!" he exclaimed, and strode on quickly down one of the passages.

From one open shop came the sound of blows and vituperation, and just as the officer came up to it a man in a gray coat with a shaven head was flung out violently.

This man, bent double, rushed past the tradesman and the officer. The officer pounced on the soldiers who were in the shops, but at that moment fearful screams reached them from the huge crowd on the Moskva bridge and the officer ran out into the square.

"What is it? What is it?" he asked, but his comrade was already galloping off past Vasili the Beatified in the direction from which the screams came.

The officer mounted his horse and rode after him. When he reached the bridge he saw two unlimbered guns, the infantry crossing the bridge, several overturned carts, and frightened and laughing faces among the troops. Beside the cannon a cart was standing to which two horses were harnessed. Four borzois with collars were pressing close to the wheels. The cart was loaded high, and at the very top, beside a child's chair with its legs in the air, sat a peasant woman uttering piercing and desperate shrieks. He was told by his fellow officers that the screams of the crowd and the shrieks of the woman were due to

the fact that General Ermolov, coming up to the crowd and learning that soldiers were dispersing among the shops while crowds of civilians blocked the bridge, had ordered two guns to be unlimbered and made a show of firing at the bridge. The crowd, crushing one another, upsetting carts, and shouting and squeezing desperately, had cleared off the bridge and the troops were now moving forward.

CHAPTER XXII

Meanwhile, the city itself was deserted. There was hardly anyone in the streets. The gates and shops were all closed, only here and there round the taverns solitary shouts or drunken songs could be heard. Nobody drove through the streets and footsteps were rarely heard. The Povarskaya was quite still and deserted. The huge courtyard of the Rostovs' house was littered with wisps of hay and with dung from the horses, and not a soul was to be seen there. In the great drawing room of the house, which had been left with all it contained, were two people. They were the yard porter Ignat, and the page boy Mishka, Vasilich's grandson who had stayed in Moscow with his grandfather. Mishka had opened the clavichord and was strumming on it with one finger. The yard porter, his arms akimbo, stood smiling with satisfaction before the large mirror.

"Isn't it fine, eh, Uncle Ignat?" said the boy, suddenly beginning to strike the keyboard with both hands.

"Only fancy!" answered Ignat, surprised at the broadening grin on his face in the mirror.

"Impudence! Impudence!" they heard behind them the voice of Mavra Kuzminichna who had entered silently. "How he's grinning, the fat mug! Is that what you're here for? Nothing's cleared away down there and Vasilich is worn out. Just you wait a bit!"

Ignat left off smiling, adjusted his belt, and went out of the room with meekly downcast eyes.

"Aunt, I did it gently," said the boy.

"I'll give you something gently, you monkey you!" cried Mavra Kuzminichna, raising her arm threateningly. "Go and get the samovar to boil for your grandfather."

Mavra Kuzminichna flicked the dust off the clavichord and closed it, and with a deep sigh left the drawing room and locked its main door.

Going out into the yard she paused to consider where she should go next--to drink tea in the servants' wing with Vasilich, or into the storeroom to put away what still lay about.

She heard the sound of quick footsteps in the quiet street. Someone stopped at the gate, and the latch rattled as someone tried to open it. Mavra Kuzminichna went to the gate.

"Who do you want?"

"The count--Count Ilya Andreevich Rostov."

"And who are you?"

"An officer, I have to see him," came the reply in a pleasant, well-bred Russian voice.

Mavra Kuzminichna opened the gate and an officer of eighteen, with the round face of a Rostov, entered the yard.

"They have gone away, sir. Went away yesterday at vespertime," said Mavra Kuzminichna cordially.

The young officer standing in the gateway, as if hesitating whether to enter or not, clicked his tongue.

"Ah, how annoying!" he muttered. "I should have come yesterday.... Ah, what a pity."

Meanwhile, Mavra Kuzminichna was attentively and sympathetically examining the familiar Rostov features of the young man's face, his tattered coat and trodden-down boots.

"What did you want to see the count for?" she asked.

"Oh well... it can't be helped!" said he in a tone of vexation and placed his hand on the gate as if to leave.

He again paused in indecision.

"You see," he suddenly said, "I am a kinsman of the count's and he has been very kind to me. As you see" (he glanced with an amused air and good-natured smile at his coat and boots) "my things are worn out and I have no money, so I was going to ask the count..."

Mavra Kuzminichna did not let him finish.

"Just wait a minute, sir. One little moment," said she.

And as soon as the officer let go of the gate handle she turned and, hurrying away on her old legs, went through the back yard to the servants' quarters.

While Mavra Kuzminichna was running to her room the officer walked about the yard gazing at his worn-out boots with lowered head and a faint smile on his lips. "What a pity I've missed Uncle! What a nice old woman! Where has she run off to? And how am I to find the nearest way to overtake my regiment, which must by now be getting near the Rogozhski gate?" thought he. Just then Mavra Kuzminichna appeared from behind the corner of the house with a frightened yet resolute look, carrying a rolled-up check kerchief in her hand. While still a few steps from the officer she unfolded the kerchief and took out of it a white twenty-five-ruble assignat and hastily handed it to him.

"If his excellency had been at home, as a kinsman he would of course... but as it is..."

Mavra Kuzminichna grew abashed and confused. The officer did not decline, but took the note quietly and thanked her.

"If the count had been at home..." Mavra Kuzminichna went on apologetically. "Christ be with you, sir! May God preserve you!" said she, bowing as she saw him out.

Swaying his head and smiling as if amused at himself, the officer ran almost at a trot through the deserted streets toward the Yauza bridge to overtake his regiment.

But Mavra Kuzminichna stood at the closed gate for some time with moist eyes, pensively swaying her head and feeling an unexpected flow of motherly tenderness and pity for the unknown young officer.

CHAPTER XXIII

From an unfinished house on the Varvarka, the ground floor of which was a dramshop, came drunken shouts and songs. On benches round the tables in a dirty little room sat some ten factory hands.

Tipsy and perspiring, with dim eyes and wide-open mouths, they were all laboriously singing some song or other. They were singing discordantly, arduously, and with great effort, evidently not because they wished to sing, but because they wanted to show they were drunk and on a spree. One, a tall, fair-haired lad in a clean blue coat, was standing over the others. His face with its fine straight nose would have been handsome had it not been for his thin, compressed, twitching lips and dull, gloomy, fixed eyes. Evidently possessed by some idea, he stood over those who were singing, and solemnly and jerkily flourished above their heads his white arm with the sleeve turned up to the elbow, trying unnaturally to spread out his dirty fingers. The sleeve of his coat kept slipping down and he always carefully rolled it up again with his left hand, as if it were most important that the sinewy white arm he was flourishing should be bare. In the midst of the song cries were heard, and fighting and blows in the passage and porch. The tall lad waved his arm.

"Stop it!" he exclaimed peremptorily. "There's a fight, lads!" And, still rolling up his sleeve, he went out to the porch.

The factory hands followed him. These men, who under the leadership of the tall lad were drinking in the dramshop that morning, had brought the publican some skins from the factory and for this had had drink served them. The blacksmiths from a neighboring smithy, hearing the sounds of revelry in the tavern and supposing it to have been broken into, wished to force their way in too and a fight in the porch had resulted.

The publican was fighting one of the smiths at the door, and when the workmen came out the smith, wrenching himself free from the tavern keeper, fell face downward on the pavement.

Another smith tried to enter the doorway, pressing against the publican with his chest.

The lad with the turned-up sleeve gave the smith a blow in the face and cried wildly: "They're fighting us, lads!"

At that moment the first smith got up and, scratching his bruised face to make it bleed, shouted in a tearful voice: "Police! Murder!... They've killed a man, lads!"

"Oh, gracious me, a man beaten to death--killed!..." screamed a woman coming out of a gate close by.

A crowd gathered round the bloodstained smith.

"Haven't you robbed people enough--taking their last shirts?" said a voice addressing the publican. "What have you killed a man for, you thief?"

The tall lad, standing in the porch, turned his bleared eyes from the publican to the smith and back again as if considering whom he ought to fight now.

"Murderer!" he shouted suddenly to the publican. "Bind him, lads!"

"I daresay you would like to bind me!" shouted the publican, pushing away the men advancing on him, and snatching his cap from his head he flung it on the ground.

As if this action had some mysterious and menacing significance, the workmen surrounding the publican paused in indecision.

"I know the law very well, mates! I'll take the matter to the captain of police. You think I won't get to him? Robbery is not permitted to anybody now a days!" shouted the publican, picking up his cap.

"Come along then! Come along then!" the publican and the tall young fellow repeated one after the other, and they moved up the street together.

The bloodstained smith went beside them. The factory hands and others followed behind, talking and shouting.

At the corner of the Moroseyka, opposite a large house with closed shutters and bearing a bootmaker's signboard, stood a score of thin, worn-out, gloomy-faced bootmakers, wearing overalls and long tattered coats.

"He should pay folks off properly," a thin workingman, with frowning brows and a straggly beard, was saying.

"But he's sucked our blood and now he thinks he's quit of us. He's been misleading us all the week and now that he's brought us to this pass he's made off."

On seeing the crowd and the bloodstained man the workman ceased speaking, and with eager curiosity all the bootmakers joined the moving crowd.

"Where are all the folks going?"

"Why, to the police, of course!"

"I say, is it true that we have been beaten?" "And what did you think? Look what folks are saying."

Questions and answers were heard. The publican, taking advantage of the increased crowd, dropped behind and returned to his tavern.

The tall youth, not noticing the disappearance of his foe, waved his bare arm and went on talking incessantly, attracting general attention to himself. It was around him that the people chiefly crowded, expecting answers from him to the questions that occupied all their minds.

"He must keep order, keep the law, that's what the government is there for. Am I not right, good Christians?" said the tall youth, with a scarcely perceptible smile. "He thinks there's no government! How can one do without government? Or else there would be plenty who'd rob us."

"Why talk nonsense?" rejoined voices in the crowd. "Will they give up Moscow like this? They told you that for fun, and you believed it! Aren't there plenty of troops on the march? Let him in, indeed! That's what the government is for. You'd better listen to what people are saying," said some of the mob pointing to the tall youth.

By the wall of China-Town a smaller group of people were gathered round a man in a frieze coat who held a paper in his hand.

"An ukase, they are reading an ukase! Reading an ukase!" cried voices in the crowd, and the people rushed toward the reader.

The man in the frieze coat was reading the broadsheet of August 31. When the crowd collected round him he seemed confused, but at the demand of the tall lad who had pushed his way up to him, he began in a rather tremulous voice to read the sheet from the beginning.

"Early tomorrow I shall go to his Serene Highness," he read ("Sirin Highness," said the tall fellow with a triumphant smile on his lips and a frown on his brow), "to consult with him to act, and to aid the army to exterminate these scoundrels. We too will take part..." the reader went on, and then paused ("Do you see," shouted the youth victoriously, "he's going to clear up the whole affair for you..."), "in destroying them, and will send these visitors to the devil. I will come back to dinner, and we'll set to work. We will do, completely do, and undo these scoundrels."

The last words were read out in the midst of complete silence. The tall lad hung his head gloomily. It was evident that no one had

understood the last part. In particular, the words "I will come back to dinner," evidently displeased both reader and audience. The people's minds were tuned to a high pitch and this was too simple and needlessly comprehensible--it was what any one of them might have said and therefore was what an ukase emanating from the highest authority should not say.

They all stood despondent and silent. The tall youth moved his lips and swayed from side to side.

"We should ask him... that's he himself?"... "Yes, ask him indeed!... Why not? He'll explain"... voices in the rear of the crowd were suddenly heard saying, and the general attention turned to the police superintendent's trap which drove into the square attended by two mounted dragoons.

The superintendent of police, who had that morning by Count Rostopchin's orders to burn the barges and had in connection with that matter acquired a large sum of money which was at that moment in his pocket, on seeing a crowd bearing down upon him told his coachman to stop.

"What people are these?" he shouted to the men, who were moving singly and timidly in the direction of his trap.

"What people are these?" he shouted again, receiving no answer.

"Your honor..." replied the shopman in the frieze coat, "your honor, in accord with the proclamation of his highest excellency the count, they desire to serve, not sparing their lives, and it is not any kind of riot, but as his highest excellence said..."

"The count has not left, he is here, and an order will be issued concerning you," said the superintendent of police. "Go on!" he ordered his coachman.

The crowd halted, pressing around those who had heard what the superintendent had said, and looking at the departing trap.

The superintendent of police turned round at that moment with a scared look, said something to his coachman, and his horses increased their speed.

"It's a fraud, lads! Lead the way to him, himself!" shouted the tall youth. "Don't let him go, lads! Let him answer us! Keep him!" shouted different people and the people dashed in pursuit of the trap.

Following the superintendent of police and talking loudly the

crowd went in the direction of the Lubyanka Street.

"There now, the gentry and merchants have gone away and left us to perish. Do they think we're dogs?" voices in the crowd were heard saying more and more frequently.

CHAPTER XXIV

On the evening of the first of September, after his interview with Kutuzov, Count Rostopchin had returned to Moscow mortified and offended because he had not been invited to attend the council of war, and because Kutuzov had paid no attention to his offer to take part in the defense of the city; amazed also at the novel outlook revealed to him at the camp, which treated the tranquillity of the capital and its patriotic fervor as not merely secondary but quite irrelevant and unimportant matters. Distressed, offended, and surprised by all this, Rostopchin had returned to Moscow. After supper he lay down on a sofa without undressing, and was awakened soon after midnight by a courier bringing him a letter from Kutuzov. This letter requested the count to send police officers to guide the troops through the town, as the army was retreating to the Ryazan road beyond Moscow. This was not news to Rostopchin. He had known that Moscow would be abandoned not merely since his interview the previous day with Kutuzov on the Poklonny Hill but ever since the battle of Borodino, for all the generals who came to Moscow after that battle had said unanimously that it was impossible to fight another battle, and since then the government property had been removed every night, and half the inhabitants had left the city with Rostopchin's own permission. Yet all the same this information astonished and irritated the count, coming as it did in the form of a simple note with an order from Kutuzov, and received at night, breaking in on his beauty sleep.

When later on in his memoirs Count Rostopchin explained his actions at this time, he repeatedly says that he was then actuated by two important considerations: to maintain tranquillity in Moscow and expedite the departure of the inhabitants. If one accepts this twofold aim all Rostopchin's actions appear irreproachable. "Why were the holy relics, the arms, ammunition, gunpowder, and stores of corn not removed? Why were thousands of inhabitants deceived into believing that Moscow would not be given up--and thereby ruined?" "To preserve the tranquillity of the city," explains Count Rostopchin. "Why were bundles of useless papers from the government offices, and Leppich's balloon and other articles removed?" "To leave the town

empty," explains Count Rostopchin. One need only admit that public tranquillity is in danger and any action finds a justification.

All the horrors of the reign of terror were based only on solicitude for public tranquillity.

On what, then, was Count Rostopchin's fear for the tranquillity of Moscow based in 1812? What reason was there for assuming any probability of an uprising in the city? The inhabitants were leaving it and the retreating troops were filling it. Why should that cause the masses to riot?

Neither in Moscow nor anywhere in Russia did anything resembling an insurrection ever occur when the enemy entered a town. More than ten thousand people were still in Moscow on the first and second of September, and except for a mob in the governor's courtyard, assembled there at his bidding, nothing happened. It is obvious that there would have been even less reason to expect a disturbance among the people if after the battle of Borodino, when the surrender of Moscow became certain or at least probable, Rostopchin instead of exciting the people by distributing arms and broadsheets had taken steps to remove all the holy relics, the gunpowder, munitions, and money, and had told the population plainly that the town would be abandoned.

Rostopchin, though he had patriotic sentiments, was a sanguine and impulsive man who had always moved in the highest administrative circles and had no understanding at all of the people he supposed himself to be guiding. Ever since the enemy's entry into Smolensk he had in imagination been playing the role of director of the popular feeling of "the heart of Russia." Not only did it seem to him (as to all administrators) that he controlled the external actions of Moscow's inhabitants, but he also thought he controlled their mental attitude by means of his broadsheets and posters, written in a coarse tone which the people despise in their own class and do not understand from those in authority. Rostopchin was so pleased with the fine role of leader of popular feeling, and had grown so used to it, that the necessity of relinquishing that role and abandoning Moscow without any heroic display took him unawares and he suddenly felt the ground slip away from under his feet, so that he positively did not know what to do. Though he knew it was coming, he did not till the last moment wholeheartedly believe that Moscow would be abandoned, and did not prepare for it. The inhabitants left against his wishes. If the government offices were removed, this was only done on the demand of officials to whom the count yielded reluctantly. He was absorbed in the role he had created for himself. As is often the case with those gifted with an ardent imagination, though he had long known that Moscow would be abandoned he knew it only with his intellect, he did not believe it in his heart and did not adapt

himself mentally to this new position of affairs.

All his painstaking and energetic activity (in how far it was useful and had any effect on the people is another question) had been simply directed toward arousing in the masses his own feeling of patriotic hatred of the French.

But when events assumed their true historical character, when expressing hatred for the French in words proved insufficient, when it was not even possible to express that hatred by fighting a battle, when self-confidence was of no avail in relation to the one question before Moscow, when the whole population streamed out of Moscow as one man, abandoning their belongings and proving by that negative action all the depth of their national feeling, then the role chosen by Rostopchin suddenly appeared senseless. He unexpectedly felt himself ridiculous, weak, and alone, with no ground to stand on.

When, awakened from his sleep, he received that cold, peremptory note from Kutuzov, he felt the more irritated the more he felt himself to blame. All that he had been specially put in charge of, the state property which he should have removed, was still in Moscow and it was no longer possible to take the whole of it away.

"Who is to blame for it? Who has let things come to such a pass?" he ruminated. "Not I, of course. I had everything ready. I had Moscow firmly in hand. And this is what they have let it come to! Villains! Traitors!" he thought, without clearly defining who the villains and traitors were, but feeling it necessary to hate those traitors whoever they might be who were to blame for the false and ridiculous position in which he found himself.

All that night Count Rostopchin issued orders, for which people came to him from all parts of Moscow. Those about him had never seen the count so morose and irritable.

"Your excellency, the Director of the Registrar's Department has sent for instructions... From the Consistory, from the Senate, from the University, from the Foundling Hospital, the Suffragan has sent... asking for information.... What are your orders about the Fire Brigade? From the governor of the prison... from the superintendent of the lunatic asylum..." All night long such announcements were continually being received by the count.

To all these inquiries he gave brief and angry replies indicating that orders from him were not now needed, that the whole affair, carefully prepared by him, had now been ruined by somebody, and that that somebody would have to bear the whole responsibility for all that might happen.

"Oh, tell that blockhead," he said in reply to the question from the Registrar's Department, "that he should remain to guard his documents. Now why are you asking silly questions about the Fire Brigade? They have horses, let them be off to Vladimir, and not leave them to the French."

"Your excellency, the superintendent of the lunatic asylum has come: what are your commands?"

"My commands? Let them go away, that's all.... And let the lunatics out into the town. When lunatics command our armies God evidently means these other madmen to be free."

In reply to an inquiry about the convicts in the prison, Count Rostopchin shouted angrily at the governor:

"Do you expect me to give you two battalions--which we have not got for a convoy? Release them, that's all about it!"

"Your excellency, there are some political prisoners, Meshkov, Vereshchagin..."

"Vereshchagin! Hasn't he been hanged yet?" shouted Rostopchin. "Bring him to me!"

CHAPTER XXV

Toward nine o'clock in the morning, when the troops were already moving through Moscow, nobody came to the count any more for instructions. Those who were able to get away were going of their own accord, those who remained behind decided for themselves what they must do.

The count ordered his carriage that he might drive to Sokolniki, and sat in his study with folded hands, morose, sallow, and taciturn.

In quiet and untroubled times it seems to every administrator that it is only by his efforts that the whole population under his rule is kept going, and in this consciousness of being indispensable every administrator finds the chief reward of his labor and efforts. While the sea of history remains calm the ruler-administrator in his frail bark, holding on with a boat hook to the ship of the people

and himself moving, naturally imagines that his efforts move the ship he is holding on to. But as soon as a storm arises and the sea begins to heave and the ship to move, such a delusion is no longer possible. The ship moves independently with its own enormous motion, the boat hook no longer reaches the moving vessel, and suddenly the administrator, instead of appearing a ruler and a source of power, becomes an insignificant, useless, feeble man.

Rostopchin felt this, and it was this which exasperated him.

The superintendent of police, whom the crowd had stopped, went in to see him at the same time as an adjutant who informed the count that the horses were harnessed. They were both pale, and the superintendent of police, after reporting that he had executed the instructions he had received, informed the count that an immense crowd had collected in the courtyard and wished to see him.

Without saying a word Rostopchin rose and walked hastily to his light, luxurious drawing room, went to the balcony door, took hold of the handle, let it go again, and went to the window from which he had a better view of the whole crowd. The tall lad was standing in front, flourishing his arm and saying something with a stern look. The blood stained smith stood beside him with a gloomy face. A drone of voices was audible through the closed window.

"Is my carriage ready?" asked Rostopchin, stepping back from the window.

"It is, your excellency," replied the adjutant.

Rostopchin went again to the balcony door.

"But what do they want?" he asked the superintendent of police.

"Your excellency, they say they have got ready, according to your orders, to go against the French, and they shouted something about treachery. But it is a turbulent crowd, your excellency--I hardly managed to get away from it. Your excellency, I venture to suggest..."

"You may go. I don't need you to tell me what to do!" exclaimed Rostopchin angrily.

He stood by the balcony door looking at the crowd.

"This is what they have done with Russia! This is what they have done with me!" thought he, full of an irrepressible fury that welled up within him against the someone to whom what was happening might be attributed. As often happens with passionate people, he was

mastered by anger but was still seeking an object on which to vent it. "Here is that mob, the dregs of the people," he thought as he gazed at the crowd: "this rabble they have roused by their folly! They want a victim," he thought as he looked at the tall lad flourishing his arm. And this thought occurred to him just because he himself desired a victim, something on which to vent his rage.

"Is the carriage ready?" he asked again.

"Yes, your excellency. What are your orders about Vereshchagin? He is waiting at the porch," said the adjutant.

"Ah!" exclaimed Rostopchin, as if struck by an unexpected recollection.

And rapidly opening the door he went resolutely out onto the balcony. The talking instantly ceased, hats and caps were doffed, and all eyes were raised to the count.

"Good morning, lads!" said the count briskly and loudly. "Thank you for coming. I'll come out to you in a moment, but we must first settle with the villain. We must punish the villain who has caused the ruin of Moscow. Wait for me!"

And the count stepped as briskly back into the room and slammed the door behind him.

A murmur of approbation and satisfaction ran through the crowd. "He'll settle with all the villains, you'll see! And you said the French... He'll show you what law is!" the mob were saying as if reproving one another for their lack of confidence.

A few minutes later an officer came hurriedly out of the front door, gave an order, and the dragoons formed up in line. The crowd moved eagerly from the balcony toward the porch. Rostopchin, coming out there with quick angry steps, looked hastily around as if seeking someone.

"Where is he?" he inquired. And as he spoke he saw a young man coming round the corner of the house between two dragoons. He had a long thin neck, and his head, that had been half shaved, was again covered by short hair. This young man was dressed in a threadbare blue cloth coat lined with fox fur, that had once been smart, and dirty hempen convict trousers, over which were pulled his thin, dirty, trodden-down boots. On his thin, weak legs were heavy chains which hampered his irresolute movements.

"Ah!" said Rostopchin, hurriedly turning away his eyes from the

young man in the fur-lined coat and pointing to the bottom step of the porch. "Put him there."

The young man in his clattering chains stepped clumsily to the spot indicated, holding away with one finger the coat collar which chafed his neck, turned his long neck twice this way and that, sighed, and submissively folded before him his thin hands, unused to work.

For several seconds while the young man was taking his place on the step the silence continued. Only among the back rows of the people, who were all pressing toward the one spot, could sighs, groans, and the shuffling of feet be heard.

While waiting for the young man to take his place on the step Rostopchin stood frowning and rubbing his face with his hand.

"Lads!" said he, with a metallic ring in his voice. "This man, Vereshchagin, is the scoundrel by whose doing Moscow is perishing."

The young man in the fur-lined coat, stooping a little, stood in a submissive attitude, his fingers clasped before him. His emaciated young face, disfigured by the half-shaven head, hung down hopelessly. At the count's first words he raised it slowly and looked up at him as if wishing to say something or at least to meet his eye. But Rostopchin did not look at him. A vein in the young man's long thin neck swelled like a cord and went blue behind the ear, and suddenly his face flushed.

All eyes were fixed on him. He looked at the crowd, and rendered more hopeful by the expression he read on the faces there, he smiled sadly and timidly, and lowering his head shifted his feet on the step.

"He has betrayed his Tsar and his country, he had gone over to Bonaparte. He alone of all the Russians has disgraced the Russian name, he has caused Moscow to perish," said Rostopchin in a sharp, even voice, but suddenly he glanced down at Vereshchagin who continued to stand in the same submissive attitude. As if inflamed by the sight, he raised his arm and addressed the people, almost shouting:

"Deal with him as you think fit! I hand him over to you."

The crowd remained silent and only pressed closer and closer to one another. To keep one another back, to breathe in that stifling atmosphere, to be unable to stir, and to await something unknown, uncomprehended, and terrible, was becoming unbearable. Those standing in front, who had seen and heard what had taken place before them, all stood with wide open eyes and mouths, straining with all their strength, and held back the crowd that was pushing

behind them.

"Beat him!... Let the traitor perish and not disgrace the Russian name!" shouted Rostopchin. "Cut him down. I command it."

Hearing not so much the words as the angry tone of Rostopchin's voice, the crowd moaned and heaved forward, but again paused.

"Count!" exclaimed the timid yet theatrical voice of Vereshchagin in the midst of the momentary silence that ensued, "Count! One God is above us both...." He lifted his head and again the thick vein in his thin neck filled with blood and the color rapidly came and went in his face.

He did not finish what he wished to say.

"Cut him down! I command it..." shouted Rostopchin, suddenly growing pale like Vereshchagin.

"Draw sabers!" cried the dragoon officer, drawing his own.

Another still stronger wave flowed through the crowd and reaching the front ranks carried it swaying to the very steps of the porch. The tall youth, with a stony look on his face, and rigid and uplifted arm, stood beside Vereshchagin.

"Saber him!" the dragoon officer almost whispered.

And one of the soldiers, his face all at once distorted with fury, struck Vereshchagin on the head with the blunt side of his saber.

"Ah!" cried Vereshchagin in meek surprise, looking round with a frightened glance as if not understanding why this was done to him. A similar moan of surprise and horror ran through the crowd. "O Lord!" exclaimed a sorrowful voice.

But after the exclamation of surprise that had escaped from Vereshchagin he uttered a plaintive cry of pain, and that cry was fatal. The barrier of human feeling, strained to the utmost, that had held the crowd in check suddenly broke. The crime had begun and must now be completed. The plaintive moan of reproach was drowned by the threatening and angry roar of the crowd. Like the seventh and last wave that shatters a ship, that last irresistible wave burst from the rear and reached the front ranks, carrying them off their feet and engulfing them all. The dragoon was about to repeat his blow. Vereshchagin with a cry of horror, covering his head with his hands, rushed toward the crowd. The tall youth, against whom he stumbled, seized his thin neck with his hands and, yelling wildly, fell with him

under the feet of the pressing, struggling crowd.

Some beat and tore at Vereshchagin, others at the tall youth. And the screams of those that were being trampled on and of those who tried to rescue the tall lad only increased the fury of the crowd. It was a long time before the dragoons could extricate the bleeding youth, beaten almost to death. And for a long time, despite the feverish haste with which the mob tried to end the work that had been begun, those who were hitting, throttling, and tearing at Vereshchagin were unable to kill him, for the crowd pressed from all sides, swaying as one mass with them in the center and rendering it impossible for them either to kill him or let him go.

"Hit him with an ax, eh!... Crushed?... Traitor, he sold Christ.... Still alive... tenacious... serves him right! Torture serves a thief right. Use the hatchet!... What--still alive?"

Only when the victim ceased to struggle and his cries changed to a long-drawn, measured death rattle did the crowd around his prostrate, bleeding corpse begin rapidly to change places. Each one came up, glanced at what had been done, and with horror, reproach, and astonishment pushed back again.

"O Lord! The people are like wild beasts! How could he be alive?" voices in the crowd could be heard saying. "Quite a young fellow too... must have been a merchant's son. What men!... and they say he's not the right one.... How not the right one?... O Lord! And there's another has been beaten too--they say he's nearly done for.... Oh, the people... Aren't they afraid of sinning?..." said the same mob now, looking with pained distress at the dead body with its long, thin, half-severed neck and its livid face stained with blood and dust.

A painstaking police officer, considering the presence of a corpse in his excellency's courtyard unseemly, told the dragoons to take it away. Two dragoons took it by its distorted legs and dragged it along the ground. The gory, dust-stained, half-shaven head with its long neck trailed twisting along the ground. The crowd shrank back from it.

At the moment when Vereshchagin fell and the crowd closed in with savage yells and swayed about him, Rostopchin suddenly turned pale and, instead of going to the back entrance where his carriage awaited him, went with hurried steps and bent head, not knowing where and why, along the passage leading to the rooms on the ground floor. The count's face was white and he could not control the feverish twitching of his lower jaw.

"This way, your excellency... Where are you going?... This way, please..." said a trembling, frightened voice behind him.

Count Rostopchin was unable to reply and, turning obediently, went in the direction indicated. At the back entrance stood his caleche. The distant roar of the yelling crowd was audible even there. He hastily took his seat and told the coachman to drive him to his country house in Sokolniki.

When they reached the Myasnitski Street and could no longer hear the shouts of the mob, the count began to repent. He remembered with dissatisfaction the agitation and fear he had betrayed before his subordinates. "The mob is terrible--disgusting," he said to himself in French. "They are like wolves whom nothing but flesh can appease." "Count! One God is above us both!"--Vereshchagin's words suddenly recurred to him, and a disagreeable shiver ran down his back. But this was only a momentary feeling and Count Rostopchin smiled disdainfully at himself. "I had other duties," thought he. "The people had to be appeased. Many other victims have perished and are perishing for the public good"--and he began thinking of his social duties to his family and to the city entrusted to him, and of himself--not himself as Theodore Vasilyevich Rostopchin (he fancied that Theodore Vasilyevich Rostopchin was sacrificing himself for the public good) but himself as governor, the representative of authority and of the Tsar. "Had I been simply Theodore Vasilyevich my course of action would have been quite different, but it was my duty to safeguard my life and dignity as commander in chief."

Lightly swaying on the flexible springs of his carriage and no longer hearing the terrible sounds of the crowd, Rostopchin grew physically calm and, as always happens, as soon as he became physically tranquil his mind devised reasons why he should be mentally tranquil too. The thought which tranquillized Rostopchin was not a new one. Since the world began and men have killed one another no one has ever committed such a crime against his fellow man without comforting himself with this same idea. This idea is *le bien public*, the hypothetical welfare of other people.

To a man not swayed by passion that welfare is never certain, but he who commits such a crime always knows just where that welfare lies. And Rostopchin now knew it.

Not only did his reason not reproach him for what he had done, but he even found cause for self-satisfaction in having so successfully contrived to avail himself of a convenient opportunity to punish a criminal and at the same time pacify the mob.

"Vereshchagin was tried and condemned to death," thought

Rostopchin (though the Senate had only condemned Vereshchagin to hard labor), "he was a traitor and a spy. I could not let him go unpunished and so I have killed two birds with one stone: to appease the mob I gave them a victim and at the same time punished a miscreant."

Having reached his country house and begun to give orders about domestic arrangements, the count grew quite tranquil.

Half an hour later he was driving with his fast horses across the Sokolniki field, no longer thinking of what had occurred but considering what was to come. He was driving to the Yauza bridge where he had heard that Kutuzov was. Count Rostopchin was mentally preparing the angry and stinging reproaches he meant to address to Kutuzov for his deception. He would make that foxy old courtier feel that the responsibility for all the calamities that would follow the abandonment of the city and the ruin of Russia (as Rostopchin regarded it) would fall upon his dotting old head. Planning beforehand what he would say to Kutuzov, Rostopchin turned angrily in his caleche and gazed sternly from side to side.

The Sokolniki field was deserted. Only at the end of it, in front of the almshouse and the lunatic asylum, could be seen some people in white and others like them walking singly across the field shouting and gesticulating.

One of these was running to cross the path of Count Rostopchin's carriage, and the count himself, his coachman, and his dragoons looked with vague horror and curiosity at these released lunatics and especially at the one running toward them.

Swaying from side to side on his long, thin legs in his fluttering dressing gown, this lunatic was running impetuously, his gaze fixed on Rostopchin, shouting something in a hoarse voice and making signs to him to stop. The lunatic's solemn, gloomy face was thin and yellow, with its beard growing in uneven tufts. His black, agate pupils with saffron-yellow whites moved restlessly near the lower eyelids.

"Stop! Pull up, I tell you!" he cried in a piercing voice, and again shouted something breathlessly with emphatic intonations and gestures.

Coming abreast of the caleche he ran beside it.

"Thrice have they slain me, thrice have I risen from the dead. They stoned me, crucified me... I shall rise... shall rise... shall rise. They have torn my body. The kingdom of God will be overthrown... Thrice will I overthrow it and thrice re-establish it!" he cried, raising his voice higher and higher.

Count Rostopchin suddenly grew pale as he had done when the crowd closed in on Vereshchagin. He turned away. "Go fas... faster!" he cried in a trembling voice to his coachman. The caleche flew over the ground as fast as the horses could draw it, but for a long time Count Rostopchin still heard the insane despairing screams growing fainter in the distance, while his eyes saw nothing but the astonished, frightened, bloodstained face of "the traitor" in the fur-lined coat.

Recent as that mental picture was, Rostopchin already felt that it had cut deep into his heart and drawn blood. Even now he felt clearly that the gory trace of that recollection would not pass with time, but that the terrible memory would, on the contrary, dwell in his heart ever more cruelly and painfully to the end of his life. He seemed still to hear the sound of his own words: "Cut him down! I command it...."

"Why did I utter those words? It was by some accident I said them.... I need not have said them," he thought. "And then nothing would have happened." He saw the frightened and then infuriated face of the dragoon who dealt the blow, the look of silent, timid reproach that boy in the fur-lined coat had turned upon him. "But I did not do it for my own sake. I was bound to act that way.... The mob, the traitor... the public welfare," thought he.

Troops were still crowding at the Yauza bridge. It was hot. Kutuzov, dejected and frowning, sat on a bench by the bridge toying with his whip in the sand when a caleche dashed up noisily. A man in a general's uniform with plumes in his hat went up to Kutuzov and said something in French. It was Count Rostopchin. He told Kutuzov that he had come because Moscow, the capital, was no more and only the army remained.

"Things would have been different if your Serene Highness had not told me that you would not abandon Moscow without another battle; all this would not have happened," he said.

Kutuzov looked at Rostopchin as if, not grasping what was said to him, he was trying to read something peculiar written at that moment on the face of the man addressing him. Rostopchin grew confused and became silent. Kutuzov slightly shook his head and not taking his penetrating gaze from Rostopchin's face muttered softly:

"No! I shall not give up Moscow without a battle!"

Whether Kutuzov was thinking of something entirely different when he spoke those words, or uttered them purposely, knowing them to be

meaningless, at any rate Rostopchin made no reply and hastily left him. And strange to say, the Governor of Moscow, the proud Count Rostopchin, took up a Cossack whip and went to the bridge where he began with shouts to drive on the carts that blocked the way.

CHAPTER XXVI

Toward four o'clock in the afternoon Murat's troops were entering Moscow. In front rode a detachment of Wurtemberg hussars and behind them rode the King of Naples himself accompanied by a numerous suite.

About the middle of the Arbat Street, near the Church of the Miraculous Icon of St. Nicholas, Murat halted to await news from the advanced detachment as to the condition in which they had found the citadel, le Kremlin.

Around Murat gathered a group of those who had remained in Moscow. They all stared in timid bewilderment at the strange, long-haired commander dressed up in feathers and gold.

"Is that their Tsar himself? He's not bad!" low voices could be heard saying.

An interpreter rode up to the group.

"Take off your cap... your caps!" These words went from one to another in the crowd. The interpreter addressed an old porter and asked if it was far to the Kremlin. The porter, listening in perplexity to the unfamiliar Polish accent and not realizing that the interpreter was speaking Russian, did not understand what was being said to him and slipped behind the others.

Murat approached the interpreter and told him to ask where the Russian army was. One of the Russians understood what was asked and several voices at once began answering the interpreter. A French officer, returning from the advanced detachment, rode up to Murat and reported that the gates of the citadel had been barricaded and that there was probably an ambush there.

"Good!" said Murat and, turning to one of the gentlemen in his suite, ordered four light guns to be moved forward to fire at the gates.

The guns emerged at a trot from the column following Murat and advanced up the Arbat. When they reached the end of the Vozdvizhenka Street they halted and drew in the Square. Several French officers superintended the placing of the guns and looked at the Kremlin through field glasses.

The bells in the Kremlin were ringing for vespers, and this sound troubled the French. They imagined it to be a call to arms. A few infantrymen ran to the Kutafyev Gate. Beams and wooden screens had been put there, and two musket shots rang out from under the gate as soon as an officer and men began to run toward it. A general who was standing by the guns shouted some words of command to the officer, and the latter ran back again with his men.

The sound of three more shots came from the gate.

One shot struck a French soldier's foot, and from behind the screens came the strange sound of a few voices shouting. Instantly as at a word of command the expression of cheerful serenity on the faces of the French general, officers, and men changed to one of determined concentrated readiness for strife and suffering. To all of them from the marshal to the least soldier, that place was not the Vozdvizhenka, Mokhavaya, or Kutafyev Street, nor the Troitsa Gate (places familiar in Moscow), but a new battlefield which would probably prove sanguinary. And all made ready for that battle. The cries from the gates ceased. The guns were advanced, the artillerymen blew the ash off their linstocks, and an officer gave the word "Fire!" This was followed by two whistling sounds of canister shot, one after another. The shot rattled against the stone of the gate and upon the wooden beams and screens, and two wavering clouds of smoke rose over the Square.

A few instants after the echo of the reports resounding over the stone-built Kremlin had died away the French heard a strange sound above their head. Thousands of crows rose above the walls and circled in the air, cawing and noisily flapping their wings. Together with that sound came a solitary human cry from the gateway and amid the smoke appeared the figure of a bareheaded man in a peasant's coat. He grasped a musket and took aim at the French. "Fire!" repeated the officer once more, and the reports of a musket and of two cannon shots were heard simultaneously. The gate again hidden by smoke.

Nothing more stirred behind the screens and the French infantry soldiers and officers advanced to the gate. In the gateway lay three wounded and four dead. Two men in peasant coats ran away at the foot of the wall, toward the Znamenka.

"Clear that away!" said the officer, pointing to the beams and the corpses, and the French soldiers, after dispatching the wounded, threw the corpses over the parapet.

Who these men were nobody knew. "Clear that away!" was all that was said of them, and they were thrown over the parapet and removed later on that they might not stink. Thiers alone dedicates a few eloquent lines to their memory: "These wretches had occupied the sacred citadel, having supplied themselves with guns from the arsenal, and fired" (the wretches) "at the French. Some of them were sabered and the Kremlin was purged of their presence."

Murat was informed that the way had been cleared. The French entered the gates and began pitching their camp in the Senate Square. Out of the windows of the Senate House the soldiers threw chairs into the Square for fuel and kindled fires there.

Other detachments passed through the Kremlin and encamped along the Moroseyka, the Lubyanka, and Pokrovka Streets. Others quartered themselves along the Vozdvizhenka, the Nikolski, and the Tverskoy Streets. No masters of the houses being found anywhere, the French were not billeted on the inhabitants as is usual in towns but lived in it as in a camp.

Though tattered, hungry, worn out, and reduced to a third of their original number, the French entered Moscow in good marching order. It was a weary and famished, but still a fighting and menacing army. But it remained an army only until its soldiers had dispersed into their different lodgings. As soon as the men of the various regiments began to disperse among the wealthy and deserted houses, the army was lost forever and there came into being something nondescript, neither citizens nor soldiers but what are known as marauders. When five weeks later these same men left Moscow, they no longer formed an army. They were a mob of marauders, each carrying a quantity of articles which seemed to him valuable or useful. The aim of each man when he left Moscow was no longer, as it had been, to conquer, but merely to keep what he had acquired. Like a monkey which puts its paw into the narrow neck of a jug, and having seized a handful of nuts will not open its fist for fear of losing what it holds, and therefore perishes, the French when they left Moscow had inevitably to perish because they carried their loot with them, yet to abandon what they had stolen was as impossible for them as it is for the monkey to open its paw and let go of its nuts. Ten minutes after each regiment had entered a Moscow district, not a soldier or officer was left. Men in military uniforms and Hessian boots could be seen through the windows, laughing and walking through the rooms. In cellars and storerooms similar men were busy among the provisions, and in the yards unlocking or breaking open coach house and stable doors,

lighting fires in kitchens and kneading and baking bread with rolled-up sleeves, and cooking; or frightening, amusing, or caressing women and children. There were many such men both in the shops and houses--but there was no army.

Order after order was issued by the French commanders that day forbidding the men to disperse about the town, sternly forbidding any violence to the inhabitants or any looting, and announcing a roll call for that very evening. But despite all these measures the men, who had till then constituted an army, flowed all over the wealthy, deserted city with its comforts and plentiful supplies. As a hungry herd of cattle keeps well together when crossing a barren field, but gets out of hand and at once disperses uncontrollably as soon as it reaches rich pastures, so did the army disperse all over the wealthy city.

No residents were left in Moscow, and the soldiers--like water percolating through sand--spread irresistibly through the city in all directions from the Kremlin into which they had first marched. The cavalry, on entering a merchant's house that had been abandoned and finding there stabling more than sufficient for their horses, went on, all the same, to the next house which seemed to them better. Many of them appropriated several houses, chalked their names on them, and quarreled and even fought with other companies for them. Before they had had time to secure quarters the soldiers ran out into the streets to see the city and, hearing that everything had been abandoned, rushed to places where valuables were to be had for the taking. The officers followed to check the soldiers and were involuntarily drawn into doing the same. In Carriage Row carriages had been left in the shops, and generals flocked there to select caleches and coaches for themselves. The few inhabitants who had remained invited commanding officers to their houses, hoping thereby to secure themselves from being plundered. There were masses of wealth and there seemed no end to it. All around the quarters occupied by the French were other regions still unexplored and unoccupied where, they thought, yet greater riches might be found. And Moscow engulfed the army ever deeper and deeper. When water is spilled on dry ground both the dry ground and the water disappear and mud results; and in the same way the entry of the famished army into the rich and deserted city resulted in fires and looting and the destruction of both the army and the wealthy city.

The French attributed the Fire of Moscow au patriotisme feroce de Rostopchine,* the Russians to the barbarity of the French. In reality, however, it was not, and could not be, possible to explain the burning of Moscow by making any individual, or any group of people, responsible for it. Moscow was burned because it found itself in a

position in which any town built of wood was bound to burn, quite apart from whether it had, or had not, a hundred and thirty inferior fire engines. Deserted Moscow had to burn as inevitably as a heap of shavings has to burn on which sparks continually fall for several days. A town built of wood, where scarcely a day passes without conflagrations when the house owners are in residence and a police force is present, cannot help burning when its inhabitants have left it and it is occupied by soldiers who smoke pipes, make campfires of the Senate chairs in the Senate Square, and cook themselves meals twice a day. In peacetime it is only necessary to billet troops in the villages of any district and the number of fires in that district immediately increases. How much then must the probability of fire be increased in an abandoned, wooden town where foreign troops are quartered. "Le patriotisme feroce de Rostopchine" and the barbarity of the French were not to blame in the matter. Moscow was set on fire by the soldiers' pipes, kitchens, and campfires, and by the carelessness of enemy soldiers occupying houses they did not own. Even if there was any arson (which is very doubtful, for no one had any reason to burn the houses--in any case a troublesome and dangerous thing to do), arson cannot be regarded as the cause, for the same thing would have happened without any incendiarism.

*To Rostopchin's ferocious patriotism.

However tempting it might be for the French to blame Rostopchin's ferocity and for Russians to blame the scoundrel Bonaparte, or later on to place an heroic torch in the hands of their own people, it is impossible not to see that there could be no such direct cause of the fire, for Moscow had to burn as every village, factory, or house must burn which is left by its owners and in which strangers are allowed to live and cook their porridge. Moscow was burned by its inhabitants, it is true, but by those who had abandoned it and not by those who remained in it. Moscow when occupied by the enemy did not remain intact like Berlin, Vienna, and other towns, simply because its inhabitants abandoned it and did not welcome the French with bread and salt, nor bring them the keys of the city.

CHAPTER XXVII

The absorption of the French by Moscow, radiating starwise as it did, only reached the quarter where Pierre was staying by the

evening of the second of September.

After the last two days spent in solitude and unusual circumstances, Pierre was in a state bordering on insanity. He was completely obsessed by one persistent thought. He did not know how or when this thought had taken such possession of him, but he remembered nothing of the past, understood nothing of the present, and all he saw and heard appeared to him like a dream.

He had left home only to escape the intricate tangle of life's demands that enmeshed him, and which in his present condition he was unable to unravel. He had gone to Joseph Alexeevich's house, on the plea of sorting the deceased's books and papers, only in search of rest from life's turmoil, for in his mind the memory of Joseph Alexeevich was connected with a world of eternal, solemn, and calm thoughts, quite contrary to the restless confusion into which he felt himself being drawn. He sought a quiet refuge, and in Joseph Alexeevich's study he really found it. When he sat with his elbows on the dusty writing table in the deathlike stillness of the study, calm and significant memories of the last few days rose one after another in his imagination, particularly of the battle of Borodino and of that vague sense of his own insignificance and insincerity compared with the truth, simplicity, and strength of the class of men he mentally classed as they. When Gerasim roused him from his reverie the idea occurred to him of taking part in the popular defense of Moscow which he knew was projected. And with that object he had asked Gerasim to get him a peasant's coat and a pistol, confiding to him his intentions of remaining in Joseph Alexeevich's house and keeping his name secret. Then during the first day spent in inaction and solitude (he tried several times to fix his attention on the Masonic manuscripts, but was unable to do so) the idea that had previously occurred to him of the cabalistic significance of his name in connection with Bonaparte's more than once vaguely presented itself. But the idea that he, L'russe Besuhof, was destined to set a limit to the power of the Beast was as yet only one of the fancies that often passed through his mind and left no trace behind.

When, having bought the coat merely with the object of taking part among the people in the defense of Moscow, Pierre had met the Rostovs and Natasha had said to him: "Are you remaining in Moscow?... How splendid!" the thought flashed into his mind that it really would be a good thing, even if Moscow were taken, for him to remain there and do what he was predestined to do.

Next day, with the sole idea of not sparing himself and not lagging in any way behind them, Pierre went to the Three Hills gate. But when he returned to the house convinced that Moscow would not be defended, he suddenly felt that what before had seemed to him merely a

possibility had now become absolutely necessary and inevitable. He must remain in Moscow, concealing his name, and must meet Napoleon and kill him, and either perish or put an end to the misery of all Europe--which it seemed to him was solely due to Napoleon.

Pierre knew all the details of the attempt on Bonaparte's life in 1809 by a German student in Vienna, and knew that the student had been shot. And the risk to which he would expose his life by carrying out his design excited him still more.

Two equally strong feelings drew Pierre irresistibly to this purpose. The first was a feeling of the necessity of sacrifice and suffering in view of the common calamity, the same feeling that had caused him to go to Mohaysk on the twenty-fifth and to make his way to the very thick of the battle and had now caused him to run away from his home and, in place of the luxury and comfort to which he was accustomed, to sleep on a hard sofa without undressing and eat the same food as Gerasim. The other was that vague and quite Russian feeling of contempt for everything conventional, artificial, and human--for everything the majority of men regard as the greatest good in the world. Pierre had first experienced this strange and fascinating feeling at the Sloboda Palace, when he had suddenly felt that wealth, power, and life--all that men so painstakingly acquire and guard--if it has any worth has so only by reason the joy with which it can all be renounced.

It was the feeling that induces a volunteer recruit to spend his last penny on drink, and a drunken man to smash mirrors or glasses for no apparent reason and knowing that it will cost him all the money he possesses: the feeling which causes a man to perform actions which from an ordinary point of view are insane, to test, as it were, his personal power and strength, affirming the existence of a higher, nonhuman criterion of life.

From the very day Pierre had experienced this feeling for the first time at the Sloboda Palace he had been continuously under its influence, but only now found full satisfaction for it. Moreover, at this moment Pierre was supported in his design and prevented from renouncing it by what he had already done in that direction. If he were now to leave Moscow like everyone else, his flight from home, the peasant coat, the pistol, and his announcement to the Rostovs that he would remain in Moscow would all become not merely meaningless but contemptible and ridiculous, and to this Pierre was very sensitive.

Pierre's physical condition, as is always the case, corresponded to his mental state. The unaccustomed coarse food, the vodka he drank during those days, the absence of wine and cigars, his dirty

unchanged linen, two almost sleepless nights passed on a short sofa without bedding--all this kept him in a state of excitement bordering on insanity.

It was two o'clock in the afternoon. The French had already entered Moscow. Pierre knew this, but instead of acting he only thought about his undertaking, going over its minutest details in his mind. In his fancy he did not clearly picture to himself either the striking of the blow or the death of Napoleon, but with extraordinary vividness and melancholy enjoyment imagined his own destruction and heroic endurance.

"Yes, alone, for the sake of all, I must do it or perish!" he thought. "Yes, I will approach... and then suddenly... with pistol or dagger? But that is all the same! 'It is not I but the hand of Providence that punishes thee,' I shall say," thought he, imagining what he would say when killing Napoleon. "Well then, take me and execute me!" he went on, speaking to himself and bowing his head with a sad but firm expression.

While Pierre, standing in the middle of the room, was talking to himself in this way, the study door opened and on the threshold appeared the figure of Makar Alexeevich, always so timid before but now quite transformed.

His dressing gown was unfastened, his face red and distorted. He was obviously drunk. On seeing Pierre he grew confused at first, but noticing embarrassment on Pierre's face immediately grew bold and, staggering on his thin legs, advanced into the middle of the room.

"They're frightened," he said confidentially in a hoarse voice. "I say I won't surrender, I say... Am I not right, sir?"

He paused and then suddenly seeing the pistol on the table seized it with unexpected rapidity and ran out into the corridor.

Gerasim and the porter, who had followed Makar Alexeevich, stopped him in the vestibule and tried to take the pistol from him. Pierre, coming out into the corridor, looked with pity and repulsion at the half-crazy old man. Makar Alexeevich, frowning with exertion, held on to the pistol and screamed hoarsely, evidently with some heroic fancy in his head.

"To arms! Board them! No, you shan't get it," he yelled.

"That will do, please, that will do. Have the goodness--please, sir, to let go! Please, sir..." pleaded Gerasim, trying carefully to steer Makar Alexeevich by the elbows back to the door.

"Who are you? Bonaparte!..." shouted Makar Alexeevich.

"That's not right, sir. Come to your room, please, and rest. Allow me to have the pistol."

"Be off, thou base slave! Touch me not! See this?" shouted Makar Alexeevich, brandishing the pistol. "Board them!"

"Catch hold!" whispered Gerasim to the porter.

They seized Makar Alexeevich by the arms and dragged him to the door.

The vestibule was filled with the discordant sounds of a struggle and of a tipsy, hoarse voice.

Suddenly a fresh sound, a piercing feminine scream, reverberated from the porch and the cook came running into the vestibule.

"It's them! Gracious heavens! O Lord, four of them, horsemen!" she cried.

Gerasim and the porter let Makar Alexeevich go, and in the now silent corridor the sound of several hands knocking at the front door could be heard.

CHAPTER XXVIII

Pierre, having decided that until he had carried out his design he would disclose neither his identity nor his knowledge of French, stood at the half-open door of the corridor, intending to conceal himself as soon as the French entered. But the French entered and still Pierre did not retire--an irresistible curiosity kept him there.

There were two of them. One was an officer--a tall, soldierly, handsome man--the other evidently a private or an orderly, sunburned, short, and thin, with sunken cheeks and a dull expression. The officer walked in front, leaning on a stick and slightly limping. When he had advanced a few steps he stopped, having apparently decided that these were good quarters, turned round to the soldiers standing at the entrance, and in a loud voice of command ordered them to put up the horses. Having done that, the

officer, lifting his elbow with a smart gesture, stroked his mustache and lightly touched his hat.

"Bonjour, la compagnie!"* said he gaily, smiling and looking about him.

*"Good day, everybody!"

No one gave any reply.

"Vous etes le bourgeois?"* the officer asked Gerasim.

*"Are you the master here?"

Gerasim gazed at the officer with an alarmed and inquiring look.

"Quartier, quartier, logement!" said the officer, looking down at the little man with a condescending and good-natured smile. "Les francais sont de bons enfants. Que diable! Voyons! Ne nous fachons pas, mon vieux!"* added he, clapping the scared and silent Gerasim on the shoulder. "Well, does no one speak French in this establishment?" he asked again in French, looking around and meeting Pierre's eyes. Pierre moved away from the door.

*"Quarters, quarters, lodgings! The French are good fellows. What the devil! There, don't let us be cross, old fellow!"

Again the officer turned to Gerasim and asked him to show him the rooms in the house.

"Master, not here--don't understand... me, you..." said Gerasim, trying to render his words more comprehensible by contorting them.

Still smiling, the French officer spread out his hands before Gerasim's nose, intimating that he did not understand him either, and moved, limping, to the door at which Pierre was standing. Pierre wished to go away and conceal himself, but at that moment he saw Makar Alexeevich appearing at the open kitchen door with the pistol in his hand. With a madman's cunning, Makar Alexeevich eyed the Frenchman, raised his pistol, and took aim.

"Board them!" yelled the tipsy man, trying to press the trigger.

Hearing the yell the officer turned round, and at the same moment Pierre threw himself on the drunkard. Just when Pierre snatched at and struck up the pistol Makar Alexeevich at last got his fingers on the trigger, there was a deafening report, and all were enveloped in a cloud of smoke. The Frenchman turned pale and rushed to the door.

Forgetting his intention of concealing his knowledge of French, Pierre, snatching away the pistol and throwing it down, ran up to the officer and addressed him in French.

"You are not wounded?" he asked.

"I think not," answered the Frenchman, feeling himself over. "But I have had a lucky escape this time," he added, pointing to the damaged plaster of the wall. "Who is that man?" said he, looking sternly at Pierre.

"Oh, I am really in despair at what has occurred," said Pierre rapidly, quite forgetting the part he had intended to play. "He is an unfortunate madman who did not know what he was doing."

The officer went up to Makar Alexeevich and took him by the collar.

Makar Alexeevich was standing with parted lips, swaying, as if about to fall asleep, as he leaned against the wall.

"Brigand! You shall pay for this," said the Frenchman, letting go of him. "We French are merciful after victory, but we do not pardon traitors," he added, with a look of gloomy dignity and a fine energetic gesture.

Pierre continued, in French, to persuade the officer not to hold that drunken imbecile to account. The Frenchman listened in silence with the same gloomy expression, but suddenly turned to Pierre with a smile. For a few seconds he looked at him in silence. His handsome face assumed a melodramatically gentle expression and he held out his hand.

"You have saved my life. You are French," said he.

For a Frenchman that deduction was indubitable. Only a Frenchman could perform a great deed, and to save his life--the life of M. Ramballe, captain of the 13th Light Regiment--was undoubtedly a very great deed.

But however indubitable that conclusion and the officer's conviction based upon it, Pierre felt it necessary to disillusion him.

"I am Russian," he said quickly.

"Tut, tut, tut! Tell that to others," said the officer, waving his finger before his nose and smiling. "You shall tell me all about that presently. I am delighted to meet a compatriot. Well, and what are we to do with this man?" he added, addressing himself to Pierre as to a brother.

Even if Pierre were not a Frenchman, having once received that loftiest of human appellations he could not renounce it, said the officer's look and tone. In reply to his last question Pierre again explained who Makar Alexeevich was and how just before their arrival that drunken imbecile had seized the loaded pistol which they had not had time to recover from him, and begged the officer to let the deed go unpunished.

The Frenchman expanded his chest and made a majestic gesture with his arm.

"You have saved my life! You are French. You ask his pardon? I grant it you. Lead that man away!" said he quickly and energetically, and taking the arm of Pierre whom he had promoted to be a Frenchman for saving his life, he went with him into the room.

The soldiers in the yard, hearing the shot, came into the passage asking what had happened, and expressed their readiness to punish the culprits, but the officer sternly checked them.

"You will be called in when you are wanted," he said.

The soldiers went out again, and the orderly, who had meanwhile had time to visit the kitchen, came up to his officer.

"Captain, there is soup and a leg of mutton in the kitchen," said he. "Shall I serve them up?"

"Yes, and some wine," answered the captain.

CHAPTER XXIX

When the French officer went into the room with Pierre the latter again thought it his duty to assure him that he was not French and wished to go away, but the officer would not hear of it. He was so

very polite, amiable, good-natured, and genuinely grateful to Pierre for saving his life that Pierre had not the heart to refuse, and sat down with him in the parlor--the first room they entered. To Pierre's assurances that he was not a Frenchman, the captain, evidently not understanding how anyone could decline so flattering an appellation, shrugged his shoulders and said that if Pierre absolutely insisted on passing for a Russian let it be so, but for all that he would be forever bound to Pierre by gratitude for saving his life.

Had this man been endowed with the slightest capacity for perceiving the feelings of others, and had he at all understood what Pierre's feelings were, the latter would probably have left him, but the man's animated obtuseness to everything other than himself disarmed Pierre.

"A Frenchman or a Russian prince incognito," said the officer, looking at Pierre's fine though dirty linen and at the ring on his finger. "I owe my life to you and offer you my friendship. A Frenchman never forgets either an insult or a service. I offer you my friendship. That is all I can say."

There was so much good nature and nobility (in the French sense of the word) in the officer's voice, in the expression of his face and in his gestures, that Pierre, unconsciously smiling in response to the Frenchman's smile, pressed the hand held out to him.

"Captain Ramballe, of the 13th Light Regiment, Chevalier of the Legion of Honor for the affair on the seventh of September," he introduced himself, a self-satisfied irrepressible smile puckering his lips under his mustache. "Will you now be so good as to tell me with whom I have the honor of conversing so pleasantly, instead of being in the ambulance with that maniac's bullet in my body?"

Pierre replied that he could not tell him his name and, blushing, began to try to invent a name and to say something about his reason for concealing it, but the Frenchman hastily interrupted him.

"Oh, please!" said he. "I understand your reasons. You are an officer... a superior officer perhaps. You have borne arms against us. That's not my business. I owe you my life. That is enough for me. I am quite at your service. You belong to the gentry?" he concluded with a shade of inquiry in his tone. Pierre bent his head. "Your baptismal name, if you please. That is all I ask. Monsieur Pierre, you say.... That's all I want to know."

When the mutton and an omelet had been served and a samovar and vodka brought, with some wine which the French had taken from a

Russian cellar and brought with them, Ramballe invited Pierre to share his dinner, and himself began to eat greedily and quickly like a healthy and hungry man, munching his food rapidly with his strong teeth, continually smacking his lips, and repeating--"Excellent! Delicious!" His face grew red and was covered with perspiration. Pierre was hungry and shared the dinner with pleasure. Morel, the orderly, brought some hot water in a saucepan and placed a bottle of claret in it. He also brought a bottle of kvass, taken from the kitchen for them to try. That beverage was already known to the French and had been given a special name. They called it limonade de cochon (pig's lemonade), and Morel spoke well of the limonade de cochon he had found in the kitchen. But as the captain had the wine they had taken while passing through Moscow, he left the kvass to Morel and applied himself to the bottle of Bordeaux. He wrapped the bottle up to its neck in a table napkin and poured out wine for himself and for Pierre. The satisfaction of his hunger and the wine rendered the captain still more lively and he chatted incessantly all through dinner.

"Yes, my dear Monsieur Pierre, I owe you a fine votive candle for saving me from that maniac.... You see, I have bullets enough in my body already. Here is one I got at Wagram" (he touched his side) "and a second at Smolensk"--he showed a scar on his cheek--"and this leg which as you see does not want to march, I got that on the seventh at the great battle of la Moskowa. Sacre Dieu! It was splendid! That deluge of fire was worth seeing. It was a tough job you set us there, my word! You may be proud of it! And on my honor, in spite of the cough I caught there, I should be ready to begin again. I pity those who did not see it."

"I was there," said Pierre.

"Bah, really? So much the better! You are certainly brave foes. The great redoubt held out well, by my pipe!" continued the Frenchman. "And you made us pay dear for it. I was at it three times--sure as I sit here. Three times we reached the guns and three times we were thrown back like cardboard figures. Oh, it was beautiful, Monsieur Pierre! Your grenadiers were splendid, by heaven! I saw them close up their ranks six times in succession and march as if on parade. Fine fellows! Our King of Naples, who knows what's what, cried 'Bravo!' Ha, ha! So you are one of us soldiers!" he added, smiling, after a momentary pause. "So much the better, so much the better, Monsieur Pierre! Terrible in battle... gallant... with the fair" (he winked and smiled), "that's what the French are, Monsieur Pierre, aren't they?"

The captain was so naively and good-humoredly gay, so real, and so pleased with himself that Pierre almost winked back as he looked merrily at him. Probably the word "gallant" turned the captain's

thoughts to the state of Moscow.

"Apropos, tell me please, is it true that the women have all left Moscow? What a queer idea! What had they to be afraid of?"

"Would not the French ladies leave Paris if the Russians entered it?" asked Pierre.

"Ha, ha, ha!" The Frenchman emitted a merry, sanguine chuckle, patting Pierre on the shoulder. "What a thing to say!" he exclaimed. "Paris?... But Paris, Paris..."

"Paris--the capital of the world," Pierre finished his remark for him.

The captain looked at Pierre. He had a habit of stopping short in the middle of his talk and gazing intently with his laughing, kindly eyes.

"Well, if you hadn't told me you were Russian, I should have wagered that you were Parisian! You have that... I don't know what, that..." and having uttered this compliment, he again gazed at him in silence.

"I have been in Paris. I spent years there," said Pierre.

"Oh yes, one sees that plainly. Paris!... A man who doesn't know Paris is a savage. You can tell a Parisian two leagues off. Paris is Talma, la Duchenois, Potier, the Sorbonne, the boulevards," and noticing that his conclusion was weaker than what had gone before, he added quickly: "There is only one Paris in the world. You have been to Paris and have remained Russian. Well, I don't esteem you the less for it."

Under the influence of the wine he had drunk, and after the days he had spent alone with his depressing thoughts, Pierre involuntarily enjoyed talking with this cheerful and good-natured man.

"To return to your ladies--I hear they are lovely. What a wretched idea to go and bury themselves in the steppes when the French army is in Moscow. What a chance those girls have missed! Your peasants, now--that's another thing; but you civilized people, you ought to know us better than that. We took Vienna, Berlin, Madrid, Naples, Rome, Warsaw, all the world's capitals.... We are feared, but we are loved. We are nice to know. And then the Emperor..." he began, but Pierre interrupted him.

"The Emperor," Pierre repeated, and his face suddenly became sad and embarrassed, "is the Emperor...?"

"The Emperor? He is generosity, mercy, justice, order, genius—that's what the Emperor is! It is I, Ramballe, who tell you so.... I assure you I was his enemy eight years ago. My father was an emigrant count.... But that man has vanquished me. He has taken hold of me. I could not resist the sight of the grandeur and glory with which he has covered France. When I understood what he wanted--when I saw that he was preparing a bed of laurels for us, you know, I said to myself: 'That is a monarch,' and I devoted myself to him! So there! Oh yes, mon cher, he is the greatest man of the ages past or future."

"Is he in Moscow?" Pierre stammered with a guilty look.

The Frenchman looked at his guilty face and smiled.

"No, he will make his entry tomorrow," he replied, and continued his talk.

Their conversation was interrupted by the cries of several voices at the gate and by Morel, who came to say that some Wurttemberg hussars had come and wanted to put up their horses in the yard where the captain's horses were. This difficulty had arisen chiefly because the hussars did not understand what was said to them in French.

The captain had their senior sergeant called in, and in a stern voice asked him to what regiment he belonged, who was his commanding officer, and by what right he allowed himself to claim quarters that were already occupied. The German who knew little French, answered the two first questions by giving the names of his regiment and of his commanding officer, but in reply to the third question which he did not understand said, introducing broken French into his own German, that he was the quartermaster of the regiment and his commander had ordered him to occupy all the houses one after another. Pierre, who knew German, translated what the German said to the captain and gave the captain's reply to the Wurttemberg hussar in German. When he had understood what was said to him, the German submitted and took his men elsewhere. The captain went out into the porch and gave some orders in a loud voice.

When he returned to the room Pierre was sitting in the same place as before, with his head in his hands. His face expressed suffering. He really was suffering at that moment. When the captain went out and he was left alone, suddenly he came to himself and realized the position he was in. It was not that Moscow had been taken or that the happy conquerors were masters in it and were patronizing him. Painful as that was it was not that which tormented Pierre at the moment. He was tormented by the consciousness of his own weakness. The

few glasses of wine he had drunk and the conversation with this good-natured man had destroyed the mood of concentrated gloom in which he had spent the last few days and which was essential for the execution of his design. The pistol, dagger, and peasant coat were ready. Napoleon was to enter the town next day. Pierre still considered that it would be a useful and worthy action to slay the evildoer, but now he felt that he would not do it. He did not know why, but he felt a foreboding that he would not carry out his intention. He struggled against the confession of his weakness but dimly felt that he could not overcome it and that his former gloomy frame of mind, concerning vengeance, killing, and self-sacrifice, had been dispersed like dust by contact with the first man he met.

The captain returned to the room, limping slightly and whistling a tune.

The Frenchman's chatter which had previously amused Pierre now repelled him. The tune he was whistling, his gait, and the gesture with which he twirled his mustache, all now seemed offensive. "I will go away immediately. I won't say another word to him," thought Pierre. He thought this, but still sat in the same place. A strange feeling of weakness tied him to the spot; he wished to get up and go away, but could not do so.

The captain, on the other hand, seemed very cheerful. He paced up and down the room twice. His eyes shone and his mustache twitched as if he were smiling to himself at some amusing thought.

"The colonel of those Wurttembergers is delightful," he suddenly said. "He's a German, but a nice fellow all the same.... But he's a German." He sat down facing Pierre. "By the way, you know German, then?"

Pierre looked at him in silence.

"What is the German for 'shelter'?"

"Shelter?" Pierre repeated. "The German for shelter is Unterkunft."

"How do you say it?" the captain asked quickly and doubtfully.

"Unterkunft," Pierre repeated.

"Onterkoff," said the captain and looked at Pierre for some seconds with laughing eyes. "These Germans are first-rate fools, don't you think so, Monsieur Pierre?" he concluded.

"Well, let's have another bottle of this Moscow Bordeaux, shall

we? Morel will warm us up another little bottle. Morel!" he called out gaily.

Morel brought candles and a bottle of wine. The captain looked at Pierre by the candlelight and was evidently struck by the troubled expression on his companion's face. Ramballe, with genuine distress and sympathy in his face, went up to Pierre and bent over him.

"There now, we're sad," said he, touching Pierre's hand. "Have I upset you? No, really, have you anything against me?" he asked Pierre. "Perhaps it's the state of affairs?"

Pierre did not answer, but looked cordially into the Frenchman's eyes whose expression of sympathy was pleasing to him.

"Honestly, without speaking of what I owe you, I feel friendship for you. Can I do anything for you? Dispose of me. It is for life and death. I say it with my hand on my heart!" said he, striking his chest.

"Thank you," said Pierre.

The captain gazed intently at him as he had done when he learned that "shelter" was *Unterkunft* in German, and his face suddenly brightened.

"Well, in that case, I drink to our friendship!" he cried gaily, filling two glasses with wine.

Pierre took one of the glasses and emptied it. Ramballe emptied his too, again pressed Pierre's hand, and leaned his elbows on the table in a pensive attitude.

"Yes, my dear friend," he began, "such is fortune's caprice. Who would have said that I should be a soldier and a captain of dragoons in the service of Bonaparte, as we used to call him? Yet here I am in Moscow with him. I must tell you, *mon cher*," he continued in the sad and measured tones of a man who intends to tell a long story, "that our name is one of the most ancient in France."

And with a Frenchman's easy and naive frankness the captain told Pierre the story of his ancestors, his childhood, youth, and manhood, and all about his relations and his financial and family affairs, "*ma pauvre mere*" playing of course an important part in the story.

"But all that is only life's setting, the real thing is love-love! Am I not right, Monsieur Pierre?" said he, growing animated.

"Another glass?"

Pierre again emptied his glass and poured himself out a third.

"Oh, women, women!" and the captain, looking with glistening eyes at Pierre, began talking of love and of his love affairs.

There were very many of these, as one could easily believe, looking at the officer's handsome, self-satisfied face, and noting the eager enthusiasm with which he spoke of women. Though all Ramballe's love stories had the sensual character which Frenchmen regard as the special charm and poetry of love, yet he told his story with such sincere conviction that he alone had experienced and known all the charm of love and he described women so alluringly that Pierre listened to him with curiosity.

It was plain that l'amour which the Frenchman was so fond of was not that low and simple kind that Pierre had once felt for his wife, nor was it the romantic love stimulated by himself that he experienced for Natasha. (Ramballe despised both these kinds of love equally: the one he considered the "love of clodhoppers" and the other the "love of simpletons.") L'amour which the Frenchman worshiped consisted principally in the unnaturalness of his relation to the woman and in a combination of incongruities giving the chief charm to the feeling.

Thus the captain touchingly recounted the story of his love for a fascinating marquise of thirty-five and at the same time for a charming, innocent child of seventeen, daughter of the bewitching marquise. The conflict of magnanimity between the mother and the daughter, ending in the mother's sacrificing herself and offering her daughter in marriage to her lover, even now agitated the captain, though it was the memory of a distant past. Then he recounted an episode in which the husband played the part of the lover, and he--the lover--assumed the role of the husband, as well as several droll incidents from his recollections of Germany, where "shelter" is called Unterkunft and where the husbands eat sauerkraut and the young girls are "too blonde."

Finally, the latest episode in Poland still fresh in the captain's memory, and which he narrated with rapid gestures and glowing face, was of how he had saved the life of a Pole (in general, the saving of life continually occurred in the captain's stories) and the Pole had entrusted to him his enchanting wife (parisienne de coeur) while himself entering the French service. The captain was happy, the enchanting Polish lady wished to elope with him, but, prompted by magnanimity, the captain restored the wife to the husband, saying as he did so: "I have saved your life, and I save your honor!" Having repeated these words the captain wiped his eyes and gave himself a

shake, as if driving away the weakness which assailed him at this touching recollection.

Listening to the captain's tales, Pierre--as often happens late in the evening and under the influence of wine--followed all that was told him, understood it all, and at the same time followed a train of personal memories which, he knew not why, suddenly arose in his mind. While listening to these love stories his own love for Natasha unexpectedly rose to his mind, and going over the pictures of that love in his imagination he mentally compared them with Ramballe's tales. Listening to the story of the struggle between love and duty, Pierre saw before his eyes every minutest detail of his last meeting with the object of his love at the Sukharev water tower. At the time of that meeting it had not produced an effect upon him--he had not even once recalled it. But now it seemed to him that that meeting had had in it something very important and poetic.

"Peter Kirilovich, come here! We have recognized you," he now seemed to hear the words she had uttered and to see before him her eyes, her smile, her traveling hood, and a stray lock of her hair... and there seemed to him something pathetic and touching in all this.

Having finished his tale about the enchanting Polish lady, the captain asked Pierre if he had ever experienced a similar impulse to sacrifice himself for love and a feeling of envy of the legitimate husband.

Challenged by this question Pierre raised his head and felt a need to express the thoughts that filled his mind. He began to explain that he understood love for a woman somewhat differently. He said that in all his life he had loved and still loved only one woman, and that she could never be his.

"Tiens!" said the captain.

Pierre then explained that he had loved this woman from his earliest years, but that he had not dared to think of her because she was too young, and because he had been an illegitimate son without a name. Afterwards when he had received a name and wealth he dared not think of her because he loved her too well, placing her far above everything in the world, and especially therefore above himself.

When he had reached this point, Pierre asked the captain whether he understood that.

The captain made a gesture signifying that even if he did not understand it he begged Pierre to continue.

"Platonic love, clouds..." he muttered.

Whether it was the wine he had drunk, or an impulse of frankness, or the thought that this man did not, and never would, know any of those who played a part in his story, or whether it was all these things together, something loosened Pierre's tongue. Speaking thickly and with a faraway look in his shining eyes, he told the whole story of his life: his marriage, Natasha's love for his best friend, her betrayal of him, and all his own simple relations with her. Urged on by Ramballe's questions he also told what he had at first concealed--his own position and even his name.

More than anything else in Pierre's story the captain was impressed by the fact that Pierre was very rich, had two mansions in Moscow, and that he had abandoned everything and not left the city, but remained there concealing his name and station.

When it was late at night they went out together into the street. The night was warm and light. To the left of the house on the Pokrovka a fire glowed--the first of those that were beginning in Moscow. To the right and high up in the sky was the sickle of the waning moon and opposite to it hung that bright comet which was connected in Pierre's heart with his love. At the gate stood Gerasim, the cook, and two Frenchmen. Their laughter and their mutually incomprehensible remarks in two languages could be heard. They were looking at the glow seen in the town.

There was nothing terrible in the one small, distant fire in the immense city.

Gazing at the high starry sky, at the moon, at the comet, and at the glow from the fire, Pierre experienced a joyful emotion. "There now, how good it is, what more does one need?" thought he. And suddenly remembering his intention he grew dizzy and felt so faint that he leaned against the fence to save himself from falling.

Without taking leave of his new friend, Pierre left the gate with unsteady steps and returning to his room lay down on the sofa and immediately fell asleep.

CHAPTER XXX

The glow of the first fire that began on the second of September was

watched from the various roads by the fugitive Muscovites and by the retreating troops, with many different feelings.

The Rostov party spent the night at Mytishchi, fourteen miles from Moscow. They had started so late on the first of September, the road had been so blocked by vehicles and troops, so many things had been forgotten for which servants were sent back, that they had decided to spend that night at a place three miles out of Moscow. The next morning they woke late and were again delayed so often that they only got as far as Great Mytishchi. At ten o'clock that evening the Rostov family and the wounded traveling with them were all distributed in the yards and huts of that large village. The Rostovs' servants and coachmen and the orderlies of the wounded officers, after attending to their masters, had supper, fed the horses, and came out into the porches.

In a neighboring hut lay Raevski's adjutant with a fractured wrist. The awful pain he suffered made him moan incessantly and piteously, and his moaning sounded terrible in the darkness of the autumn night. He had spent the first night in the same yard as the Rostovs. The countess said she had been unable to close her eyes on account of his moaning, and at Mytishchi she moved into a worse hut simply to be farther away from the wounded man.

In the darkness of the night one of the servants noticed, above the high body of a coach standing before the porch, the small glow of another fire. One glow had long been visible and everybody knew that it was Little Mytishchi burning--set on fire by Mamonov's Cossacks.

"But look here, brothers, there's another fire!" remarked an orderly.

All turned their attention to the glow.

"But they told us Little Mytishchi had been set on fire by Mamonov's Cossacks."

"But that's not Mytishchi, it's farther away."

"Look, it must be in Moscow!"

Two of the gazers went round to the other side of the coach and sat down on its steps.

"It's more to the left, why, Little Mytishchi is over there, and this is right on the other side."

Several men joined the first two.

"See how it's flaring," said one. "That's a fire in Moscow: either in the Sushchevski or the Rogozhski quarter."

No one replied to this remark and for some time they all gazed silently at the spreading flames of the second fire in the distance.

Old Daniel Terentich, the count's valet (as he was called), came up to the group and shouted at Mishka.

"What are you staring at, you good-for-nothing?... The count will be calling and there's nobody there; go and gather the clothes together."

"I only ran out to get some water," said Mishka.

"But what do you think, Daniel Terentich? Doesn't it look as if that glow were in Moscow?" remarked one of the footmen.

Daniel Terentich made no reply, and again for a long time they were all silent. The glow spread, rising and falling, farther and farther still.

"God have mercy.... It's windy and dry..." said another voice.

"Just look! See what it's doing now. O Lord! You can even see the crows flying. Lord have mercy on us sinners!"

"They'll put it out, no fear!"

"Who's to put it out?" Daniel Terentich, who had hitherto been silent, was heard to say. His voice was calm and deliberate. "Moscow it is, brothers," said he. "Mother Moscow, the white..." his voice faltered, and he gave way to an old man's sob.

And it was as if they had all only waited for this to realize the significance for them of the glow they were watching. Sighs were heard, words of prayer, and the sobbing of the count's old valet.

CHAPTER XXXI

The valet, returning to the cottage, informed the count that Moscow was burning. The count donned his dressing gown and went out to

look. Sonya and Madame Schoss, who had not yet undressed, went out with him. Only Natasha and the countess remained in the room. Petya was no longer with the family, he had gone on with his regiment which was making for Troitsa.

The countess, on hearing that Moscow was on fire, began to cry. Natasha, pale, with a fixed look, was sitting on the bench under the icons just where she had sat down on arriving and paid no attention to her father's words. She was listening to the ceaseless moaning of the adjutant, three houses off.

"Oh, how terrible," said Sonya returning from the yard chilled and frightened. "I believe the whole of Moscow will burn, there's an awful glow! Natasha, do look! You can see it from the window," she said to her cousin, evidently wishing to distract her mind.

But Natasha looked at her as if not understanding what was said to her and again fixed her eyes on the corner of the stove. She had been in this condition of stupor since the morning, when Sonya, to the surprise and annoyance of the countess, had for some unaccountable reason found it necessary to tell Natasha of Prince Andrew's wound and of his being with their party. The countess had seldom been so angry with anyone as she was with Sonya. Sonya had cried and begged to be forgiven and now, as if trying to atone for her fault, paid unceasing attention to her cousin.

"Look, Natasha, how dreadfully it is burning!" said she.

"What's burning?" asked Natasha. "Oh, yes, Moscow."

And as if in order not to offend Sonya and to get rid of her, she turned her face to the window, looked out in such a way that it was evident that she could not see anything, and again settled down in her former attitude.

"But you didn't see it!"

"Yes, really I did," Natasha replied in a voice that pleaded to be left in peace.

Both the countess and Sonya understood that, naturally, neither Moscow nor the burning of Moscow nor anything else could seem of importance to Natasha.

The count returned and lay down behind the partition. The countess went up to her daughter and touched her head with the back of her hand as she was wont to do when Natasha was ill, then touched her forehead with her lips as if to feel whether she was feverish, and

finally kissed her.

"You are cold. You are trembling all over. You'd better lie down," said the countess.

"Lie down? All right, I will. I'll lie down at once," said Natasha.

When Natasha had been told that morning that Prince Andrew was seriously wounded and was traveling with their party, she had at first asked many questions: Where was he going? How was he wounded? Was it serious? And could she see him? But after she had been told that she could not see him, that he was seriously wounded but that his life was not in danger, she ceased to ask questions or to speak at all, evidently disbelieving what they told her, and convinced that say what she might she would still be told the same. All the way she had sat motionless in a corner of the coach with wide open eyes, and the expression in them which the countess knew so well and feared so much, and now she sat in the same way on the bench where she had seated herself on arriving. She was planning something and either deciding or had already decided something in her mind. The countess knew this, but what it might be she did not know, and this alarmed and tormented her.

"Natasha, undress, darling; lie down on my bed."

A bed had been made on a bedstead for the countess only. Madame Schoss and the two girls were to sleep on some hay on the floor.

"No, Mamma, I will lie down here on the floor," Natasha replied irritably and she went to the window and opened it. Through the open window the moans of the adjutant could be heard more distinctly. She put her head out into the damp night air, and the countess saw her slim neck shaking with sobs and throbbing against the window frame. Natasha knew it was not Prince Andrew who was moaning. She knew Prince Andrew was in the same yard as themselves and in a part of the hut across the passage; but this dreadful incessant moaning made her sob. The countess exchanged a look with Sonya.

"Lie down, darling; lie down, my pet," said the countess, softly touching Natasha's shoulders. "Come, lie down."

"Oh, yes... I'll lie down at once," said Natasha, and began hurriedly undressing, tugging at the tapes of her petticoat.

When she had thrown off her dress and put on a dressing jacket, she sat down with her foot under her on the bed that had been made up on the floor, jerked her thin and rather short plait of hair to the front, and began replaiting it. Her long, thin, practiced fingers rapidly unplaited, replaited, and tied up her plait. Her head moved

from side to side from habit, but her eyes, feverishly wide, looked fixedly before her. When her toilet for the night was finished she sank gently onto the sheet spread over the hay on the side nearest the door.

"Natasha, you'd better lie in the middle," said Sonya.

"I'll stay here," muttered Natasha. "Do lie down," she added crossly, and buried her face in the pillow.

The countess, Madame Schoss, and Sonya undressed hastily and lay down. The small lamp in front of the icons was the only light left in the room. But in the yard there was a light from the fire at Little Mytishchi a mile and a half away, and through the night came the noise of people shouting at a tavern Mamonov's Cossacks had set up across the street, and the adjutant's unceasing moans could still be heard.

For a long time Natasha listened attentively to the sounds that reached her from inside and outside the room and did not move. First she heard her mother praying and sighing and the creaking of her bed under her, then Madame Schoss' familiar whistling snore and Sonya's gentle breathing. Then the countess called to Natasha. Natasha did not answer.

"I think she's asleep, Mamma," said Sonya softly.

After short silence the countess spoke again but this time no one replied.

Soon after that Natasha heard her mother's even breathing. Natasha did not move, though her little bare foot, thrust out from under the quilt, was growing cold on the bare floor.

As if to celebrate a victory over everybody, a cricket chirped in a crack in the wall. A cock crowed far off and another replied near by. The shouting in the tavern had died down; only the moaning of the adjutant was heard. Natasha sat up.

"Sonya, are you asleep? Mamma?" she whispered.

No one replied. Natasha rose slowly and carefully, crossed herself, and stepped cautiously on the cold and dirty floor with her slim, supple, bare feet. The boards of the floor creaked. Stepping cautiously from one foot to the other she ran like a kitten the few steps to the door and grasped the cold door handle.

It seemed to her that something heavy was beating rhythmically against all the walls of the room: it was her own heart, sinking

with alarm and terror and overflowing with love.

She opened the door and stepped across the threshold and onto the cold, damp earthen floor of the passage. The cold she felt refreshed her. With her bare feet she touched a sleeping man, stepped over him, and opened the door into the part of the hut where Prince Andrew lay. It was dark in there. In the farthest corner, on a bench beside a bed on which something was lying, stood a tallow candle with a long, thick, and smoldering wick.

From the moment she had been told that of Prince Andrew's wound and his presence there, Natasha had resolved to see him. She did not know why she had to, she knew the meeting would be painful, but felt the more convinced that it was necessary.

All day she had lived only in hope of seeing him that night. But now that the moment had come she was filled with dread of what she might see. How was he maimed? What was left of him? Was he like that incessant moaning of the adjutant's? Yes, he was altogether like that. In her imagination he was that terrible moaning personified. When she saw an indistinct shape in the corner, and mistook his knees raised under the quilt for his shoulders, she imagined a horrible body there, and stood still in terror. But an irresistible impulse drew her forward. She cautiously took one step and then another, and found herself in the middle of a small room containing baggage. Another man--Timokhin--was lying in a corner on the benches beneath the icons, and two others--the doctor and a valet--lay on the floor.

The valet sat up and whispered something. Timokhin, kept awake by the pain in his wounded leg, gazed with wide-open eyes at this strange apparition of a girl in a white chemise, dressing jacket, and nightcap. The valet's sleepy, frightened exclamation, "What do you want? What's the matter?" made Natasha approach more swiftly to what was lying in the corner. Horribly unlike a man as that body looked, she must see him. She passed the valet, the snuff fell from the candle wick, and she saw Prince Andrew clearly with his arms outside the quilt, and such as she had always seen him.

He was the same as ever, but the feverish color of his face, his glittering eyes rapturously turned toward her, and especially his neck, delicate as a child's, revealed by the turn-down collar of his shirt, gave him a peculiarly innocent, childlike look, such as she had never seen on him before. She went up to him and with a swift, flexible, youthful movement dropped on her knees.

He smiled and held out his hand to her.

CHAPTER XXXII

Seven days had passed since Prince Andrew found himself in the ambulance station on the field of Borodino. His feverish state and the inflammation of his bowels, which were injured, were in the doctor's

opinion sure to carry him off. But on the seventh day he ate with pleasure a piece of bread with some tea, and the doctor noticed that his temperature was lower. He had regained consciousness that morning. The first night after they left Moscow had been fairly warm and he had remained in the caleche, but at Mytishchi the wounded man himself asked to be taken out and given some tea. The pain caused by his removal into the hut had made him groan aloud and again lose consciousness. When he had been placed on his camp bed he lay for a long time motionless with closed eyes. Then he opened them and whispered softly: "And the tea?" His remembering such a small detail of everyday life astonished the doctor. He felt Prince Andrew's pulse, and to his surprise and dissatisfaction found it had improved. He was dissatisfied because he knew by experience that if his patient did not die now, he would do so a little later with greater suffering. Timokhin, the red-nosed major of Prince Andrew's regiment, had joined him in Moscow and was being taken along with him, having been wounded in the leg at the battle of Borodino. They were accompanied by a doctor, Prince Andrew's valet, his coachman, and two orderlies.

They gave Prince Andrew some tea. He drank it eagerly, looking with feverish eyes at the door in front of him as if trying to understand and remember something.

"I don't want any more. Is Timokhin here?" he asked.

Timokhin crept along the bench to him.

"I am here, your excellency."

"How's your wound?"

"Mine, sir? All right. But how about you?"

Prince Andrew again pondered as if trying to remember something.

"Couldn't one get a book?" he asked.

"What book?"

"The Gospels. I haven't one."

The doctor promised to procure it for him and began to ask how he was feeling. Prince Andrew answered all his questions reluctantly but reasonably, and then said he wanted a bolster placed under him as he was uncomfortable and in great pain. The doctor and valet lifted the cloak with which he was covered and, making wry faces at the noisome smell of mortifying flesh that came from the wound, began examining that dreadful place. The doctor was very much displeased about something and made a change in the dressings, turning the wounded man over so that he groaned again and grew unconscious and delirious from the agony. He kept asking them to get him the book and put it under him.

"What trouble would it be to you?" he said. "I have not got one. Please get it for me and put it under for a moment," he pleaded in a piteous voice.

The doctor went into the passage to wash his hands.

"You fellows have no conscience," said he to the valet who was pouring water over his hands. "For just one moment I didn't look after you... It's such pain, you know, that I wonder how he can bear it."

"By the Lord Jesus Christ, I thought we had put something under him!" said the valet.

The first time Prince Andrew understood where he was and what was the matter with him and remembered being wounded and how was when he asked to be carried into the hut after his caleche had stopped at Mytishchi. After growing confused from pain while being carried into the hut he again regained consciousness, and while drinking tea once more recalled all that had happened to him, and above all vividly remembered the moment at the ambulance station when, at the sight of the sufferings of a man he disliked, those new thoughts had come to him which promised him happiness. And those thoughts, though now vague and indefinite, again possessed his soul. He remembered that he had now a new source of happiness and that this happiness had something to do with the Gospels. That was why he asked for a copy of them. The uncomfortable position in which they had put him and turned him over again confused his thoughts, and when he came to himself a third time it was in the complete stillness of the night. Everybody near him was sleeping. A cricket chirped from across the passage; someone was shouting and singing in the street; cockroaches rustled on the table, on the icons, and on the walls, and a big fly flopped at the head of the bed and around the candle beside him, the wick of which was charred and had shaped itself like a mushroom.

His mind was not in a normal state. A healthy man usually thinks of, feels, and remembers innumerable things simultaneously, but has the power and will to select one sequence of thoughts or events on which to fix his whole attention. A healthy man can tear himself away from the deepest reflections to say a civil word to someone who comes in and can then return again to his own thoughts. But Prince Andrew's mind was not in a normal state in that respect. All the powers of his mind were more active and clearer than ever, but they acted apart from his will. Most diverse thoughts and images occupied him simultaneously. At times his brain suddenly began to work with a vigor, clearness, and depth it had never reached when he was in health, but suddenly in the midst of its work it would turn to some unexpected idea and he had not the strength to turn it back again.

"Yes, a new happiness was revealed to me of which man cannot be deprived," he thought as he lay in the semi-darkness of the quiet hut, gazing fixedly before him with feverish wide open eyes. "A happiness lying beyond material forces, outside the material influences that act on man--a happiness of the soul alone, the happiness of loving. Every man can understand it, but to conceive it and enjoin it was possible only for God. But how did God enjoin that law? And why was the Son...?"

And suddenly the sequence of these thoughts broke off, and Prince Andrew heard (without knowing whether it was a delusion or reality) a soft whispering voice incessantly and rhythmically repeating "piti-piti-piti," and then "titi," and then again "piti-piti-piti," and "ti-ti" once more. At the same time he felt that above his face, above the very middle of it, some strange airy structure was being erected out of slender needles or splinters, to the sound of this whispered music. He felt that he had to balance carefully (though it was difficult) so that this airy structure should not collapse; but nevertheless it kept collapsing and again slowly rising to the sound of whispered rhythmic music--"it stretches, stretches, spreading out and stretching," said Prince Andrew to himself. While listening to this whispering and feeling the sensation of this drawing out and the construction of this edifice of needles, he also saw by glimpses a red halo round the candle, and heard the rustle of the cockroaches and the buzzing of the fly that flopped against his pillow and his face. Each time the fly touched his face it gave him a burning sensation and yet to his surprise it did not destroy the structure, though it knocked against the very region of his face where it was rising. But besides this there was something else of importance. It was something white by the door--the statue of a sphinx, which also oppressed him.

"But perhaps that's my shirt on the table," he thought, "and

that's my legs, and that is the door, but why is it always stretching and drawing itself out, and 'piti-piti-piti' and 'ti-ti' and 'piti-piti-piti'...? That's enough, please leave off!" Prince Andrew painfully entreated someone. And suddenly thoughts and feelings again swam to the surface of his mind with peculiar clearness and force.

"Yes--love," he thought again quite clearly. "But not love which loves for something, for some quality, for some purpose, or for some reason, but the love which I--while dying--first experienced when I saw my enemy and yet loved him. I experienced that feeling of love which is the very essence of the soul and does not require an object. Now again I feel that bliss. To love one's neighbors, to love one's enemies, to love everything, to love God in all His manifestations. It is possible to love someone dear to you with human love, but an enemy can only be loved by divine love. That is why I experienced such joy when I felt that I loved that man. What has become of him? Is he alive?..."

"When loving with human love one may pass from love to hatred, but divine love cannot change. No, neither death nor anything else can destroy it. It is the very essence of the soul. Yet how many people have I hated in my life? And of them all, I loved and hated none as I did her." And he vividly pictured to himself Natasha, not as he had done in the past with nothing but her charms which gave him delight, but for the first time picturing to himself her soul. And he understood her feelings, her sufferings, shame, and remorse. He now understood for the first time all the cruelty of his rejection of her, the cruelty of his rupture with her. "If only it were possible for me to see her once more! Just once, looking into those eyes to say..."

"Piti-piti-piti and ti-ti and piti-piti-piti boom!" flopped the fly... And his attention was suddenly carried into another world, a world of reality and delirium in which something particular was happening. In that world some structure was still being erected and did not fall, something was still stretching out, and the candle with its red halo was still burning, and the same shirtlike sphinx lay near the door; but besides all this something creaked, there was a whiff of fresh air, and a new white sphinx appeared, standing at the door. And that sphinx had the pale face and shining eyes of the very Natasha of whom he had just been thinking.

"Oh, how oppressive this continual delirium is," thought Prince Andrew, trying to drive that face from his imagination. But the face remained before him with the force of reality and drew nearer. Prince Andrew wished to return that former world of pure thought, but he could not, and delirium drew him back into its domain. The soft

whispering voice continued its rhythmic murmur, something oppressed him and stretched out, and the strange face was before him. Prince Andrew collected all his strength in an effort to recover his senses, he moved a little, and suddenly there was a ringing in his ears, a dimness in his eyes, and like a man plunged into water he lost consciousness. When he came to himself, Natasha, that same living Natasha whom of all people he most longed to love with this new pure divine love that had been revealed to him, was kneeling before him. He realized that it was the real living Natasha, and he was not surprised but quietly happy. Natasha, motionless on her knees (she was unable to stir), with frightened eyes riveted on him, was restraining her sobs. Her face was pale and rigid. Only in the lower part of it something quivered.

Prince Andrew sighed with relief, smiled, and held out his hand.

"You?" he said. "How fortunate!"

With a rapid but careful movement Natasha drew nearer to him on her knees and, taking his hand carefully, bent her face over it and began kissing it, just touching it lightly with her lips.

"Forgive me!" she whispered, raising her head and glancing at him.
"Forgive me!"

"I love you," said Prince Andrew.

"Forgive...!"

"Forgive what?" he asked.

"Forgive me for what I ha-ve do-ne!" faltered Natasha in a scarcely audible, broken whisper, and began kissing his hand more rapidly, just touching it with her lips.

"I love you more, better than before," said Prince Andrew, lifting her face with his hand so as to look into her eyes.

Those eyes, filled with happy tears, gazed at him timidly, compassionately, and with joyous love. Natasha's thin pale face, with its swollen lips, was more than plain--it was dreadful. But Prince Andrew did not see that, he saw her shining eyes which were beautiful. They heard the sound of voices behind them.

Peter the valet, who was now wide awake, had roused the doctor. Timokhin, who had not slept at all because of the pain in his leg, had long been watching all that was going on, carefully covering his bare body with the sheet as he huddled up on his bench.

"What's this?" said the doctor, rising from his bed. "Please go away, madam!"

At that moment a maid sent by the countess, who had noticed her daughter's absence, knocked at the door.

Like a somnambulist aroused from her sleep Natasha went out of the room and, returning to her hut, fell sobbing on her bed.

From that time, during all the rest of the Rostovs' journey, at every halting place and wherever they spent a night, Natasha never left the wounded Bolkonski, and the doctor had to admit that he had not expected from a young girl either such firmness or such skill in nursing a wounded man.

Dreadful as the countess imagined it would be should Prince Andrew die in her daughter's arms during the journey--as, judging by what the doctor said, it seemed might easily happen--she could not oppose Natasha. Though with the intimacy now established between the wounded man and Natasha the thought occurred that should he recover their former engagement would be renewed, no one--least of all Natasha and Prince Andrew--spoke of this: the unsettled question of life and death, which hung not only over Bolkonski but over all Russia, shut out all other considerations.

CHAPTER XXXIII

On the third of September Pierre awoke late. His head was aching, the clothes in which he had slept without undressing felt uncomfortable on his body, and his mind had a dim consciousness of something shameful he had done the day before. That something shameful was his yesterday's conversation with Captain Ramballe.

It was eleven by the clock, but it seemed peculiarly dark out of doors. Pierre rose, rubbed his eyes, and seeing the pistol with an engraved stock which Gerasim had replaced on the writing table, he remembered where he was and what lay before him that very day.

"Am I not too late?" he thought. "No, probably he won't make his entry into Moscow before noon."

Pierre did not allow himself to reflect on what lay before him, but hastened to act.

After arranging his clothes, he took the pistol and was about to go out. But it then occurred to him for the first time that he certainly could not carry the weapon in his hand through the streets. It was difficult to hide such a big pistol even under his wide coat. He could not carry it unnoticed in his belt or under his arm. Besides, it had been discharged, and he had not had time to reload it. "No matter, dagger will do," he said to himself, though when planning his design he had more than once come to the conclusion that the chief mistake made by the student in 1809 had been to try to kill Napoleon with a dagger. But as his chief aim consisted not in carrying out his design, but in proving to himself that he would not abandon his intention and was doing all he could to achieve it, Pierre hastily took the blunt jagged dagger in a green sheath which he had bought at the Sukharev market with the pistol, and hid it under his waistcoat.

Having tied a girdle over his coat and pulled his cap low on his head, Pierre went down the corridor, trying to avoid making a noise or meeting the captain, and passed out into the street.

The conflagration, at which he had looked with so much indifference the evening before, had greatly increased during the night. Moscow was on fire in several places. The buildings in Carriage Row, across the river, in the Bazaar and the Povarskoy, as well as the barges on the Moskva River and the timber yards by the Dorogomilov Bridge, were all ablaze.

Pierre's way led through side streets to the Povarskoy and from there to the church of St. Nicholas on the Arbat, where he had long before decided that the deed should be done. The gates of most of the houses were locked and the shutters up. The streets and lanes were deserted. The air was full of smoke and the smell of burning. Now and then he met Russians with anxious and timid faces, and Frenchmen with an air not of the city but of the camp, walking in the middle of the streets. Both the Russians and the French looked at Pierre with surprise. Besides his height and stoutness, and the strange morose look of suffering in his face and whole figure, the Russians stared at Pierre because they could not make out to what class he could belong. The French followed him with astonishment in their eyes chiefly because Pierre, unlike all the other Russians who gazed at the French with fear and curiosity, paid no attention to them. At the gate of one house three Frenchmen, who were explaining something to some Russians who did not understand them, stopped Pierre asking if he did not know French.

Pierre shook his head and went on. In another side street a sentinel standing beside a green caisson shouted at him, but only when the shout was threateningly repeated and he heard the click of the man's musket as he raised it did Pierre understand that he had to pass on the other side of the street. He heard nothing and saw nothing of what went on around him. He carried his resolution within himself in terror and haste, like something dreadful and alien to him, for, after the previous night's experience, he was afraid of losing it. But he was not destined to bring his mood safely to his destination. And even had he not been hindered by anything on the way, his intention could not now have been carried out, for Napoleon had passed the Arbat more than four hours previously on his way from the Dorogomilov suburb to the Kremlin, and was now sitting in a very gloomy frame of mind in a royal study in the Kremlin, giving detailed and exact orders as to measures to be taken immediately to extinguish the fire, to prevent looting, and to reassure the inhabitants. But Pierre did not know this; he was entirely absorbed in what lay before him, and was tortured--as those are who obstinately undertake a task that is impossible for them not because of its difficulty but because of its incompatibility with their natures--by the fear of weakening at the decisive moment and so losing his self-esteem.

Though he heard and saw nothing around him he found his way by instinct and did not go wrong in the side streets that led to the Povarskoy.

As Pierre approached that street the smoke became denser and denser--he even felt the heat of the fire. Occasionally curly tongues of flame rose from under the roofs of the houses. He met more people in the streets and they were more excited. But Pierre, though he felt that something unusual was happening around him, did not realize that he was approaching the fire. As he was going along a foot path across a wide-open space adjoining the Povarskoy on one side and the gardens of Prince Gruzinski's house on the other, Pierre suddenly heard the desperate weeping of a woman close to him. He stopped as if awakening from a dream and lifted his head.

By the side of the path, on the dusty dry grass, all sorts of household goods lay in a heap: featherbeds, a samovar, icons, and trunks. On the ground, beside the trunks, sat a thin woman no longer young, with long, prominent upper teeth, and wearing a black cloak and cap. This woman, swaying to and fro and muttering something, was choking with sobs. Two girls of about ten and twelve, dressed in dirty short frocks and cloaks, were staring at their mother with a look of stupefaction on their pale frightened faces. The youngest child, a boy of about seven, who wore an overcoat and an immense cap evidently not his own, was crying in his old nurse's arms. A dirty, barefooted maid was sitting on a trunk, and, having undone her pale-colored

plait, was pulling it straight and sniffing at her singed hair. The woman's husband, a short, round-shouldered man in the undress uniform of a civilian official, with sausage-shaped whiskers and showing under his square-set cap the hair smoothly brushed forward over his temples, with expressionless face was moving the trunks, which were placed one on another, and was dragging some garments from under them.

As soon as she saw Pierre, the woman almost threw herself at his feet.

"Dear people, good Christians, save me, help me, dear friends... help us, somebody," she muttered between her sobs. "My girl... My daughter! My youngest daughter is left behind. She's burned! Ooh! Was it for this I nursed you.... Ooh!"

"Don't, Mary Nikolievna!" said her husband to her in a low voice, evidently only to justify himself before the stranger. "Sister must have taken her, or else where can she be?" he added.

"Monster! Villain!" shouted the woman angrily, suddenly ceasing to weep. "You have no heart, you don't feel for your own child! Another man would have rescued her from the fire. But this is a monster and neither a man nor a father! You, honored sir, are a noble man," she went on, addressing Pierre rapidly between her sobs. "The fire broke out alongside, and blew our way, the maid called out 'Fire!' and we rushed to collect our things. We ran out just as we were.... This is what we have brought away.... The icons, and my dowry bed, all the rest is lost. We seized the children. But not Katie! Ooh! O Lord!..." and again she began to sob. "My child, my dear one! Burned, burned!"

"But where was she left?" asked Pierre.

From the expression of his animated face the woman saw that this man might help her.

"Oh, dear sir!" she cried, seizing him by the legs. "My benefactor, set my heart at ease.... Aniska, go, you horrid girl, show him the way!" she cried to the maid, angrily opening her mouth and still farther exposing her long teeth.

"Show me the way, show me, I... I'll do it," gasped Pierre rapidly.

The dirty maidservant stepped from behind the trunk, put up her plait, sighed, and went on her short, bare feet along the path. Pierre felt as if he had come back to life after a heavy swoon. He held his head higher, his eyes shone with the light of life, and with swift

steps he followed the maid, overtook her, and came out on the Povarskoy. The whole street was full of clouds of black smoke. Tongues of flame here and there broke through that cloud. A great number of people crowded in front of the conflagration. In the middle of the street stood a French general saying something to those around him. Pierre, accompanied by the maid, was advancing to the spot where the general stood, but the French soldiers stopped him.

"On ne passe pas!"* cried a voice.

*"You can't pass!"

"This way, uncle," cried the girl. "We'll pass through the side street, by the Nikulins'!"

Pierre turned back, giving a spring now and then to keep up with her. She ran across the street, turned down a side street to the left, and, passing three houses, turned into a yard on the right.

"It's here, close by," said she and, running across the yard, opened a gate in a wooden fence and, stopping, pointed out to him a small wooden wing of the house, which was burning brightly and fiercely. One of its sides had fallen in, another was on fire, and bright flames issued from the openings of the windows and from under the roof.

As Pierre passed through the fence gate, he was enveloped by hot air and involuntarily stopped.

"Which is it? Which is your house?" he asked.

"Ooh!" wailed the girl, pointing to the wing. "That's it, that was our lodging. You've burned to death, our treasure, Katie, my precious little missy! Ooh!" lamented Aniska, who at the sight of the fire felt that she too must give expression to her feelings.

Pierre rushed to the wing, but the heat was so great that he involuntarily passed round in a curve and came upon the large house that was as yet burning only at one end, just below the roof, and around which swarmed a crowd of Frenchmen. At first Pierre did not realize what these men, who were dragging something out, were about; but seeing before him a Frenchman hitting a peasant with a blunt saber and trying to take from him a fox-fur coat, he vaguely understood that looting was going on there, but he had no time to dwell on that idea.

The sounds of crackling and the din of falling walls and ceilings, the whistle and hiss of the flames, the excited shouts of the

people, and the sight of the swaying smoke, now gathering into thick black clouds and now soaring up with glittering sparks, with here and there dense sheaves of flame (now red and now like golden fish scales creeping along the walls), and the heat and smoke and rapidity of motion, produced on Pierre the usual animating effects of a conflagration. It had a peculiarly strong effect on him because at the sight of the fire he felt himself suddenly freed from the ideas that had weighed him down. He felt young, bright, adroit, and resolute. He ran round to the other side of the lodge and was about to dash into that part of it which was still standing, when just above his head he heard several voices shouting and then a cracking sound and the ring of something heavy falling close beside him.

Pierre looked up and saw at a window of the large house some Frenchmen who had just thrown out the drawer of a chest, filled with metal articles. Other French soldiers standing below went up to the drawer.

"What does this fellow want?" shouted one of them referring to Pierre.

"There's a child in that house. Haven't you seen a child?" cried Pierre.

"What's he talking about? Get along!" said several voices, and one of the soldiers, evidently afraid that Pierre might want to take from them some of the plate and bronzes that were in the drawer, moved threateningly toward him.

"A child?" shouted a Frenchman from above. "I did hear something squealing in the garden. Perhaps it's his brat that the fellow is looking for. After all, one must be human, you know...."

"Where is it? Where?" said Pierre.

"There! There!" shouted the Frenchman at the window, pointing to the garden at the back of the house. "Wait a bit--I'm coming down."

And a minute or two later the Frenchman, a black-eyed fellow with a spot on his cheek, in shirt sleeves, really did jump out of a window on the ground floor, and clapping Pierre on the shoulder ran with him into the garden.

"Hurry up, you others!" he called out to his comrades. "It's getting hot."

When they reached a gravel path behind the house the Frenchman pulled Pierre by the arm and pointed to a round, graveled space

where a three-year-old girl in a pink dress was lying under a seat.

"There is your child! Oh, a girl, so much the better!" said the Frenchman. "Good-by, Fatty. We must be human, we are all mortal you know!" and the Frenchman with the spot on his cheek ran back to his comrades.

Breathless with joy, Pierre ran to the little girl and was going to take her in his arms. But seeing a stranger the sickly, scrofulous-looking child, unattractively like her mother, began to yell and run away. Pierre, however, seized her and lifted her in his arms. She screamed desperately and angrily and tried with her little hands to pull Pierre's hands away and to bite them with her slobbering mouth. Pierre was seized by a sense of horror and repulsion such as he had experienced when touching some nasty little animal. But he made an effort not to throw the child down and ran with her to the large house. It was now, however, impossible to get back the way he had come; the maid, Aniska, was no longer there, and Pierre with a feeling of pity and disgust pressed the wet, painfully sobbing child to himself as tenderly as he could and ran with her through the garden seeking another way out.

CHAPTER XXXIV

Having run through different yards and side streets, Pierre got back with his little burden to the Gruzinski garden at the corner of the Povarskoy. He did not at first recognize the place from which he had set out to look for the child, so crowded was it now with people and goods that had been dragged out of the houses. Besides Russian families who had taken refuge here from the fire with their belongings, there were several French soldiers in a variety of clothing. Pierre took no notice of them. He hurried to find the family of that civil servant in order to restore the daughter to her mother and go to save someone else. Pierre felt that he had still much to do and to do quickly. Glowing with the heat and from running, he felt at that moment more strongly than ever the sense of youth, animation, and determination that had come on him when he ran to save the child. She had now become quiet and, clinging with her little hands to Pierre's coat, sat on his arm gazing about her like some little wild animal. He glanced at her occasionally with a slight smile. He fancied he saw something pathetically innocent in that frightened, sickly little face.

He did not find the civil servant or his wife where he had left them. He walked among the crowd with rapid steps, scanning the various faces he met. Involuntarily he noticed a Georgian or Armenian family consisting of a very handsome old man of Oriental type, wearing a new, cloth-covered, sheepskin coat and new boots, an old woman of similar type, and a young woman. That very young woman seemed to Pierre the perfection of Oriental beauty, with her sharply outlined, arched, black eyebrows and the extraordinarily soft, bright color of her long, beautiful, expressionless face. Amid the scattered property and the crowd on the open space, she, in her rich satin cloak with a bright lilac shawl on her head, suggested a delicate exotic plant thrown out onto the snow. She was sitting on some bundles a little behind the old woman, and looked from under her long lashes with motionless, large, almond-shaped eyes at the ground before her. Evidently she was aware of her beauty and fearful because of it. Her face struck Pierre and, hurrying along by the fence, he turned several times to look at her. When he had reached the fence, still without finding those he sought, he stopped and looked about him.

With the child in his arms his figure was now more conspicuous than before, and a group of Russians, both men and women, gathered about him.

"Have you lost anyone, my dear fellow? You're of the gentry yourself, aren't you? Whose child is it?" they asked him.

Pierre replied that the child belonged to a woman in a black coat who had been sitting there with her other children, and he asked whether anyone knew where she had gone.

"Why, that must be the Anferovs," said an old deacon, addressing a pockmarked peasant woman. "Lord have mercy, Lord have mercy!" he added in his customary bass.

"The Anferovs? No," said the woman. "They left in the morning. That must be either Mary Nikolievna's or the Ivanovs!"

"He says 'a woman,' and Mary Nikolievna is a lady," remarked a house serf.

"Do you know her? She's thin, with long teeth," said Pierre.

"That's Mary Nikolievna! They went inside the garden when these wolves swooped down," said the woman, pointing to the French soldiers.

"O Lord, have mercy!" added the deacon.

"Go over that way, they're there. It's she! She kept on lamenting

and crying," continued the woman. "It's she. Here, this way!"

But Pierre was not listening to the woman. He had for some seconds been intently watching what was going on a few steps away. He was looking at the Armenian family and at two French soldiers who had gone up to them. One of these, a nimble little man, was wearing a blue coat tied round the waist with a rope. He had a nightcap on his head and his feet were bare. The other, whose appearance particularly struck Pierre, was a long, lank, round-shouldered, fair-haired man, slow in his movements and with an idiotic expression of face. He wore a woman's loose gown of frieze, blue trousers, and large torn Hessian boots. The little barefooted Frenchman in the blue coat went up to the Armenians and, saying something, immediately seized the old man by his legs and the old man at once began pulling off his boots. The other in the frieze gown stopped in front of the beautiful Armenian girl and with his hands in his pockets stood staring at her, motionless and silent.

"Here, take the child!" said Pierre peremptorily and hurriedly to the woman, handing the little girl to her. "Give her back to them, give her back!" he almost shouted, putting the child, who began screaming, on the ground, and again looking at the Frenchman and the Armenian family.

The old man was already sitting barefoot. The little Frenchman had secured his second boot and was slapping one boot against the other. The old man was saying something in a voice broken by sobs, but Pierre caught but a glimpse of this, his whole attention was directed to the Frenchman in the frieze gown who meanwhile, swaying slowly from side to side, had drawn nearer to the young woman and taking his hands from his pockets had seized her by the neck.

The beautiful Armenian still sat motionless and in the same attitude, with her long lashes drooping as if she did not see or feel what the soldier was doing to her.

While Pierre was running the few steps that separated him from the Frenchman, the tall marauder in the frieze gown was already tearing from her neck the necklace the young Armenian was wearing, and the young woman, clutching at her neck, screamed piercingly.

"Let that woman alone!" exclaimed Pierre hoarsely in a furious voice, seizing the soldier by his round shoulders and throwing him aside.

The soldier fell, got up, and ran away. But his comrade, throwing down the boots and drawing his sword, moved threateningly toward Pierre.

"Voyons, Pas de betises!"* he cried.

*"Look here, no nonsense!"

Pierre was in such a transport of rage that he remembered nothing and his strength increased tenfold. He rushed at the barefooted Frenchman and, before the latter had time to draw his sword, knocked him off his feet and hammered him with his fists. Shouts of approval were heard from the crowd around, and at the same moment a mounted patrol of French Uhlans appeared from round the corner. The Uhlans came up at a trot to Pierre and the Frenchman and surrounded them. Pierre remembered nothing of what happened after that. He only remembered beating someone and being beaten and finally feeling that his hands were bound and that a crowd of French soldiers stood around him and were searching him.

"Lieutenant, he has a dagger," were the first words Pierre understood.

"Ah, a weapon?" said the officer and turned to the barefooted soldier who had been arrested with Pierre. "All right, you can tell all about it at the court-martial." Then he turned to Pierre. "Do you speak French?"

Pierre looked around him with bloodshot eyes and did not reply. His face probably looked very terrible, for the officer said something in a whisper and four more Uhlans left the ranks and placed themselves on both sides of Pierre.

"Do you speak French?" the officer asked again, keeping at a distance from Pierre. "Call the interpreter."

A little man in Russian civilian clothes rode out from the ranks, and by his clothes and manner of speaking Pierre at once knew him to be a French salesman from one of the Moscow shops.

"He does not look like a common man," said the interpreter, after a searching look at Pierre.

"Ah, he looks very much like an incendiary," remarked the officer. "And ask him who he is," he added.

"Who are you?" asked the interpreter in poor Russian. "You must answer the chief."

"I will not tell you who I am. I am your prisoner--take me!"

Pierre suddenly replied in French.

"Ah, ah!" muttered the officer with a frown. "Well then, march!"

A crowd had collected round the Uhlans. Nearest to Pierre stood the pockmarked peasant woman with the little girl, and when the patrol started she moved forward.

"Where are they taking you to, you poor dear?" said she. "And the little girl, the little girl, what am I to do with her if she's not theirs?" said the woman.

"What does that woman want?" asked the officer.

Pierre was as if intoxicated. His elation increased at the sight of the little girl he had saved.

"What does she want?" he murmured. "She is bringing me my daughter whom I have just saved from the flames," said he. "Good-by!" And without knowing how this aimless lie had escaped him, he went along with resolute and triumphant steps between the French soldiers.

The French patrol was one of those sent out through the various streets of Moscow by Durosnel's order to put a stop to the pillage, and especially to catch the incendiaries who, according to the general opinion which had that day originated among the higher French officers, were the cause of the conflagrations. After marching through a number of streets the patrol arrested five more Russian suspects: a small shopkeeper, two seminary students, a peasant, and a house serf, besides several looters. But of all these various suspected characters, Pierre was considered to be the most suspicious of all. When they had all been brought for the night to a large house on the Zubov Rampart that was being used as a guardhouse, Pierre was placed apart under strict guard.

BOOK TWELVE: 1812

CHAPTER I

In Petersburg at that time a complicated struggle was being carried on with greater heat than ever in the highest circles, between the parties of Rumyantsev, the French, Marya Fedorovna, the Tsarevich, and others, drowned as usual by the buzzing of the court drones. But the calm, luxurious life of Petersburg, concerned only about phantoms and reflections of real life, went on in its old way and made it hard, except by a great effort, to realize the danger and the difficult position of the Russian people. There were the same receptions and balls, the same French theater, the same court interests and service interests and intrigues as usual. Only in the very highest circles were attempts made to keep in mind the difficulties of the actual position. Stories were whispered of how differently the two Empresses behaved in these difficult circumstances. The Empress Marya, concerned for the welfare of the charitable and educational institutions under her patronage, had given directions that they should all be removed to Kazan, and the things belonging to these institutions had already been packed up. The Empress Elisabeth, however, when asked what instructions she would be pleased to give--with her characteristic Russian patriotism had replied that she could give no directions about state institutions for that was the affair of the sovereign, but as far as she personally was concerned she would be the last to quit Petersburg.

At Anna Pavlovna's on the twenty-sixth of August, the very day of the battle of Borodino, there was a soiree, the chief feature of which was to be the reading of a letter from His Lordship the Bishop when sending the Emperor an icon of the Venerable Sergius. It was regarded as a model of ecclesiastical, patriotic eloquence. Prince Vasili himself, famed for his elocution, was to read it. (He used to read at the Empress'.) The art of his reading was supposed to lie in rolling out the words, quite independently of their meaning, in a loud and singsong voice alternating between a despairing wail and a tender murmur, so that the wail fell quite at random on one word and the murmur on another. This reading, as was always the case at Anna Pavlovna's soirees, had a political significance. That evening she expected several important personages who had to be made ashamed of their visits to the French theater and aroused to a patriotic temper. A good many people had already arrived, but Anna Pavlovna, not yet seeing all those whom she wanted in her drawing room, did not let the reading begin but wound up the springs of a general conversation.

The news of the day in Petersburg was the illness of Countess Bezukhova. She had fallen ill unexpectedly a few days previously, had missed several gatherings of which she was usually ornament, and was said to be receiving no one, and instead of the celebrated Petersburg doctors who usually attended her had entrusted herself to

some Italian doctor who was treating her in some new and unusual way.

They all knew very well that the enchanting countess' illness arose from an inconvenience resulting from marrying two husbands at the same time, and that the Italian's cure consisted in removing such inconvenience; but in Anna Pavlovna's presence no one dared to think of this or even appear to know it.

"They say the poor countess is very ill. The doctor says it is angina pectoris."

"Angina? Oh, that's a terrible illness!"

"They say that the rivals are reconciled, thanks to the angina..." and the word angina was repeated with great satisfaction.

"The count is pathetic, they say. He cried like a child when the doctor told him the case was dangerous."

"Oh, it would be a terrible loss, she is an enchanting woman."

"You are speaking of the poor countess?" said Anna Pavlovna, coming up just then. "I sent to ask for news, and hear that she is a little better. Oh, she is certainly the most charming woman in the world," she went on, with a smile at her own enthusiasm. "We belong to different camps, but that does not prevent my esteeming her as she deserves. She is very unfortunate!" added Anna Pavlovna.

Supposing that by these words Anna Pavlovna was somewhat lifting the veil from the secret of the countess' malady, an unwary young man ventured to express surprise that well known doctors had not been called in and that the countess was being attended by a charlatan who might employ dangerous remedies.

"Your information maybe better than mine," Anna Pavlovna suddenly and venomously retorted on the inexperienced young man, "but I know on good authority that this doctor is a very learned and able man. He is private physician to the Queen of Spain."

And having thus demolished the young man, Anna Pavlovna turned to another group where Bilibin was talking about the Austrians: having wrinkled up his face he was evidently preparing to smooth it out again and utter one of his mots.

"I think it is delightful," he said, referring to a diplomatic note that had been sent to Vienna with some Austrian banners captured from the French by Wittgenstein, "the hero of Petropol" as he was then called in Petersburg.

"What? What's that?" asked Anna Pavlovna, securing silence for the mot, which she had heard before.

And Bilibin repeated the actual words of the diplomatic dispatch, which he had himself composed.

"The Emperor returns these Austrian banners," said Bilibin, "friendly banners gone astray and found on a wrong path," and his brow became smooth again.

"Charming, charming!" observed Prince Vasili.

"The path to Warsaw, perhaps," Prince Hippolyte remarked loudly and unexpectedly. Everybody looked at him, understanding what he meant. Prince Hippolyte himself glanced around with amused surprise. He knew no more than the others what his words meant. During his diplomatic career he had more than once noticed that such utterances were received as very witty, and at every opportunity he uttered in that way the first words that entered his head. "It may turn out very well," he thought, "but if not, they'll know how to arrange matters." And really, during the awkward silence that ensued, that insufficiently patriotic person entered whom Anna Pavlovna had been waiting for and wished to convert, and she, smiling and shaking a finger at Hippolyte, invited Prince Vasili to the table and bringing him two candles and the manuscript begged him to begin. Everyone became silent.

"Most Gracious Sovereign and Emperor!" Prince Vasili sternly declaimed, looking round at his audience as if to inquire whether anyone had anything to say to the contrary. But no one said anything. "Moscow, our ancient capital, the New Jerusalem, receives her Christ"--he placed a sudden emphasis on the word her--"as a mother receives her zealous sons into her arms, and through the gathering mists, foreseeing the brilliant glory of thy rule, sings in exultation, 'Hosanna, blessed is he that cometh!'"

Prince Vasili pronounced these last words in a tearful voice.

Bilibin attentively examined his nails, and many of those present appeared intimidated, as if asking in what they were to blame. Anna Pavlovna whispered the next words in advance, like an old woman muttering the prayer at Communion: "Let the bold and insolent Goliath..." she whispered.

Prince Vasili continued.

"Let the bold and insolent Goliath from the borders of France encompass the realms of Russia with death-bearing terrors; humble Faith, the sling of the Russian David, shall suddenly smite his head in his blood-thirsty pride. This icon of the Venerable Sergius, the servant of God and zealous champion of old of our country's weal, is offered to Your Imperial Majesty. I grieve that my waning strength prevents rejoicing in the sight of your most gracious presence. I raise fervent prayers to Heaven that the Almighty may exalt the race of the just, and mercifully fulfill the desires of Your Majesty."

"What force! What a style!" was uttered in approval both of reader and of author.

Animated by that address Anna Pavlovna's guests talked for a long time of the state of the fatherland and offered various conjectures as to the result of the battle to be fought in a few days.

"You will see," said Anna Pavlovna, "that tomorrow, on the Emperor's birthday, we shall receive news. I have a favorable presentiment!"

CHAPTER II

Anna Pavlovna's presentiment was in fact fulfilled. Next day during the service at the palace church in honor of the Emperor's birthday, Prince Volkonski was called out of the church and received a dispatch from Prince Kutuzov. It was Kutuzov's report, written from Tatarinova on the day of the battle. Kutuzov wrote that the Russians had not retreated a step, that the French losses were much heavier than ours, and that he was writing in haste from the field of battle before collecting full information. It followed that there must have been a victory. And at once, without leaving the church, thanks were rendered to the Creator for His help and for the victory.

Anna Pavlovna's presentiment was justified, and all that morning a joyously festive mood reigned in the city. Everyone believed the victory to have been complete, and some even spoke of Napoleon's having been captured, of his deposition, and of the choice of a new ruler for France.

It is very difficult for events to be reflected in their real

strength and completeness amid the conditions of court life and far from the scene of action. General events involuntarily group themselves around some particular incident. So now the courtiers' pleasure was based as much on the fact that the news had arrived on the Emperor's birthday as on the fact of the victory itself. It was like a successfully arranged surprise. Mention was made in Kutuzov's report of the Russian losses, among which figured the names of Tuchkov, Bagration, and Kutaysov. In the Petersburg world this sad side of the affair again involuntarily centered round a single incident: Kutaysov's death. Everybody knew him, the Emperor liked him, and he was young and interesting. That day everyone met with the words:

"What a wonderful coincidence! Just during the service. But what a loss Kutaysov is! How sorry I am!"

"What did I tell about Kutuzov?" Prince Vasili now said with a prophet's pride. "I always said he was the only man capable of defeating Napoleon."

But next day no news arrived from the army and the public mood grew anxious. The courtiers suffered because of the suffering the suspense occasioned the Emperor.

"Fancy the Emperor's position!" said they, and instead of extolling Kutuzov as they had done the day before, they condemned him as the cause of the Emperor's anxiety. That day Prince Vasili no longer boasted of his protegee Kutuzov, but remained silent when the commander in chief was mentioned. Moreover, toward evening, as if everything conspired to make Petersburg society anxious and uneasy, a terrible piece of news was added. Countess Helene Bezukhova had suddenly died of that terrible malady it had been so agreeable to mention. Officially, at large gatherings, everyone said that Countess Bezukhova had died of a terrible attack of angina pectoris, but in intimate circles details were mentioned of how the private physician of the Queen of Spain had prescribed small doses of a certain drug to produce a certain effect; but Helene, tortured by the fact that the old count suspected her and that her husband to whom she had written (that wretched, profligate Pierre) had not replied, had suddenly taken a very large dose of the drug, and had died in agony before assistance could be rendered her. It was said that Prince Vasili and the old count had turned upon the Italian, but the latter had produced such letters from the unfortunate deceased that they had immediately let the matter drop.

Talk in general centered round three melancholy facts: the Emperor's lack of news, the loss of Kutuzov, and the death of Helene.

On the third day after Kutuzov's report a country gentleman arrived from Moscow, and news of the surrender of Moscow to the French spread through the whole town. This was terrible! What a position for the Emperor to be in! Kutuzov was a traitor, and Prince Vasili during the visits of condolence paid to him on the occasion of his daughter's death said of Kutuzov, whom he had formerly praised (it was excusable for him in his grief to forget what he had said), that it was impossible to expect anything else from a blind and depraved old man.

"I only wonder that the fate of Russia could have been entrusted to such a man."

As long as this news remained unofficial it was possible to doubt it, but the next day the following communication was received from Count Rostopchin:

Prince Kutuzov's adjutant has brought me a letter in which he demands police officers to guide the army to the Ryazan road. He writes that he is regretfully abandoning Moscow. Sire! Kutuzov's action decides the fate of the capital and of your empire! Russia will shudder to learn of the abandonment of the city in which her greatness is centered and in which lie the ashes of your ancestors! I shall follow the army. I have had everything removed, and it only remains for me to weep over the fate of my fatherland.

On receiving this dispatch the Emperor sent Prince Volkonski to Kutuzov with the following rescript:

Prince Michael Ilarionovich! Since the twenty-ninth of August I have received no communication from you, yet on the first of September I received from the commander in chief of Moscow, via Yaroslavl, the sad news that you, with the army, have decided to abandon Moscow. You can yourself imagine the effect this news has had on me, and your silence increases my astonishment. I am sending this by Adjutant-General Prince Volkonski, to hear from you the situation of the army and the reasons that have induced you to take this melancholy decision.

CHAPTER III

Nine days after the abandonment of Moscow, a messenger from Kutuzov reached Petersburg with the official announcement of that event. This messenger was Michaud, a Frenchman who did not know Russian, but who was *quoique etranger, russe de coeur et d'ame*,* as he said of himself.

*Though a foreigner, Russian in heart and soul.

The Emperor at once received this messenger in his study at the palace on Stone Island. Michaud, who had never seen Moscow before the campaign and who did not know Russian, yet felt deeply moved (as he wrote) when he appeared before *notre tres gracieux souverain** with the news of the burning of Moscow, *dont les flammes eclairaient sa route*.*[2]

*Our most gracious sovereign.

*[2] Whose flames illumined his route.

Though the source of M. Michaud's chagrin must have been different from that which caused Russians to grieve, he had such a sad face when shown into the Emperor's study that the latter at once asked:

"Have you brought me sad news, Colonel?"

"Very sad, sire," replied Michaud, lowering his eyes with a sigh. "The abandonment of Moscow."

"Have they surrendered my ancient capital without a battle?" asked the Emperor quickly, his face suddenly flushing.

Michaud respectfully delivered the message Kutuzov had entrusted to him, which was that it had been impossible to fight before Moscow, and that as the only remaining choice was between losing the army as well as Moscow, or losing Moscow alone, the field marshal had to choose the latter.

The Emperor listened in silence, not looking at Michaud.

"Has the enemy entered the city?" he asked.

"Yes, sire, and Moscow is now in ashes. I left it all in flames," replied Michaud in a decided tone, but glancing at the Emperor he

was frightened by what he had done.

The Emperor began to breathe heavily and rapidly, his lower lip trembled, and tears instantly appeared in his fine blue eyes.

But this lasted only a moment. He suddenly frowned, as if blaming himself for his weakness, and raising his head addressed Michaud in a firm voice:

"I see, Colonel, from all that is happening, that Providence requires great sacrifices of us... I am ready to submit myself in all things to His will; but tell me, Michaud, how did you leave the army when it saw my ancient capital abandoned without a battle? Did you not notice discouragement?..."

Seeing that his most gracious ruler was calm once more, Michaud also grew calm, but was not immediately ready to reply to the Emperor's direct and relevant question which required a direct answer.

"Sire, will you allow me to speak frankly as befits a loyal soldier?" he asked to gain time.

"Colonel, I always require it," replied the Emperor. "Conceal nothing from me, I wish to know absolutely how things are."

"Sire!" said Michaud with a subtle, scarcely perceptible smile on his lips, having now prepared a well-phrased reply, "sire, I left the whole army, from its chiefs to the lowest soldier, without exception in desperate and agonized terror..."

"How is that?" the Emperor interrupted him, frowning sternly. "Would misfortune make my Russians lose heart?... Never!"

Michaud had only waited for this to bring out the phrase he had prepared.

"Sire," he said, with respectful playfulness, "they are only afraid lest Your Majesty, in the goodness of your heart, should allow yourself to be persuaded to make peace. They are burning for the combat," declared this representative of the Russian nation, "and to prove to Your Majesty by the sacrifice of their lives how devoted they are...."

"Ah!" said the Emperor reassured, and with a kindly gleam in his eyes, he patted Michaud on the shoulder. "You set me at ease, Colonel."

He bent his head and was silent for some time.

"Well, then, go back to the army," he said, drawing himself up to his full height and addressing Michaud with a gracious and majestic gesture, "and tell our brave men and all my good subjects wherever you go that when I have not a soldier left I shall put myself at the head of my beloved nobility and my good peasants and so use the last resources of my empire. It still offers me more than my enemies suppose," said the Emperor growing more and more animated; "but should it ever be ordained by Divine Providence," he continued, raising to heaven his fine eyes shining with emotion, "that my dynasty should cease to reign on the throne of my ancestors, then after exhausting all the means at my command, I shall let my beard grow to here" (he pointed halfway down his chest) "and go and eat potatoes with the meanest of my peasants, rather than sign the disgrace of my country and of my beloved people whose sacrifices I know how to appreciate."

Having uttered these words in an agitated voice the Emperor suddenly turned away as if to hide from Michaud the tears that rose to his eyes, and went to the further end of his study. Having stood there a few moments, he strode back to Michaud and pressed his arm below the elbow with a vigorous movement. The Emperor's mild and handsome face was flushed and his eyes gleamed with resolution and anger.

"Colonel Michaud, do not forget what I say to you here, perhaps we may recall it with pleasure someday... Napoleon or I," said the Emperor, touching his breast. "We can no longer both reign together. I have learned to know him, and he will not deceive me any more...."

And the Emperor paused, with a frown.

When he heard these words and saw the expression of firm resolution in the Emperor's eyes, Michaud--*quoique etranger, russe de coeur et d'ame*--at that solemn moment felt himself enraptured by all that he had heard (as he used afterwards to say), and gave expression to his own feelings and those of the Russian people whose representative he considered himself to be, in the following words:

"Sire!" said he, "Your Majesty is at this moment signing the glory of the nation and the salvation of Europe!"

With an inclination of the head the Emperor dismissed him.

CHAPTER IV

It is natural for us who were not living in those days to imagine that when half Russia had been conquered and the inhabitants were fleeing to distant provinces, and one levy after another was being raised for the defense of the fatherland, all Russians from the greatest to the least were solely engaged in sacrificing themselves, saving their fatherland, or weeping over its downfall. The tales and descriptions of that time without exception speak only of the self-sacrifice, patriotic devotion, despair, grief, and the heroism of the Russians. But it was not really so. It appears so to us because we see only the general historic interest of that time and do not see all the personal human interests that people had. Yet in reality those personal interests of the moment so much transcend the general interests that they always prevent the public interest from being felt or even noticed. Most of the people at that time paid no attention to the general progress of events but were guided only by their private interests, and they were the very people whose activities at that period were most useful.

Those who tried to understand the general course of events and to take part in it by self-sacrifice and heroism were the most useless members of society, they saw everything upside down, and all they did for the common good turned out to be useless and foolish--like Pierre's and Mamonov's regiments which looted Russian villages, and the lint the young ladies prepared and that never reached the wounded, and so on. Even those, fond of intellectual talk and of expressing their feelings, who discussed Russia's position at the time involuntarily introduced into their conversation either a shade of pretense and falsehood or useless condemnation and anger directed against people accused of actions no one could possibly be guilty of. In historic events the rule forbidding us to eat of the fruit of the Tree of Knowledge is specially applicable. Only unconscious action bears fruit, and he who plays a part in an historic event never understands its significance. If he tries to realize it his efforts are fruitless.

The more closely a man was engaged in the events then taking place in Russia the less did he realize their significance. In Petersburg and in the provinces at a distance from Moscow, ladies, and gentlemen in militia uniforms, wept for Russia and its ancient capital and talked of self-sacrifice and so on; but in the army which retired beyond Moscow there was little talk or thought of Moscow, and when they caught sight of its burned ruins no one swore to be avenged on the French, but they thought about their next pay, their next quarters, of Matreshka the vivandiere, and like matters.

As the war had caught him in the service, Nicholas Rostov took a close and prolonged part in the defense of his country, but did so

casually, without any aim at self-sacrifice, and he therefore looked at what was going on in Russia without despair and without dismally racking his brains over it. Had he been asked what he thought of the state of Russia, he would have said that it was not his business to think about it, that Kutuzov and others were there for that purpose, but that he had heard that the regiments were to be made up to their full strength, that fighting would probably go on for a long time yet, and that things being so it was quite likely he might be in command of a regiment in a couple of years' time.

As he looked at the matter in this way, he learned that he was being sent to Voronezh to buy remounts for his division, not only without regret at being prevented from taking part in the coming battle, but with the greatest pleasure--which he did not conceal and which his comrades fully understood.

A few days before the battle of Borodino, Nicholas received the necessary money and warrants, and having sent some hussars on in advance, he set out with post horses for Voronezh.

Only a man who has experienced it--that is, has passed some months continuously in an atmosphere of campaigning and war--can understand the delight Nicholas felt when he escaped from the region covered by the army's foraging operations, provision trains, and hospitals. When free from soldiers, wagons, and the filthy traces of a camp--he saw villages with peasants and peasant women, gentlemen's country houses, fields where cattle were grazing, posthouses with stationmasters asleep in them, he rejoiced as though seeing all this for the first time. What for a long while specially surprised and delighted him were the women, young and healthy, without a dozen officers making up to each of them; women, too, who were pleased and flattered that a passing officer should joke with them.

In the highest spirits Nicholas arrived at night at a hotel in Voronezh, ordered things he had long been deprived of in camp, and next day, very clean-shaven and in a full-dress uniform he had not worn for a long time, went to present himself to the authorities.

The commander of the militia was a civilian general, an old man who was evidently pleased with his military designation and rank. He received Nicholas brusquely (imagining this to be characteristically military) and questioned him with an important air, as if considering the general progress of affairs and approving and disapproving with full right to do so. Nicholas was in such good spirits that this merely amused him.

From the commander of the militia he drove to the governor. The governor was a brisk little man, very simple and affable. He indicated

the stud farms at which Nicholas might procure horses, recommended to him a horse dealer in the town and a landowner fourteen miles out of town who had the best horses, and promised to assist him in every way.

"You are Count Ilya Rostov's son? My wife was a great friend of your mother's. We are at home on Thursdays--today is Thursday, so please come and see us quite informally," said the governor, taking leave of him.

Immediately on leaving the governor's, Nicholas hired post horses and, taking his squadron quartermaster with him, drove at a gallop to the landowner, fourteen miles away, who had the stud. Everything seemed to him pleasant and easy during that first part of his stay in Voronezh and, as usually happens when a man is in a pleasant state of mind, everything went well and easily.

The landowner to whom Nicholas went was a bachelor, an old cavalryman, a horse fancier, a sportsman, the possessor of some century-old brandy and some old Hungarian wine, who had a snugger where he smoked, and who owned some splendid horses.

In very few words Nicholas bought seventeen picked stallions for six thousand rubles--to serve, as he said, as samples of his remounts. After dining and taking rather too much of the Hungarian wine, Nicholas--having exchanged kisses with the landowner, with whom he was already on the friendliest terms--galloped back over abominable roads, in the brightest frame of mind, continually urging on the driver so as to be in time for the governor's party.

When he had changed, poured water over his head, and scented himself, Nicholas arrived at the governor's rather late, but with the phrase "better late than never" on his lips.

It was not a ball, nor had dancing been announced, but everyone knew that Catherine Petrovna would play vales and the ecossaise on the clavichord and that there would be dancing, and so everyone had come as to a ball.

Provincial life in 1812 went on very much as usual, but with this difference, that it was livelier in the towns in consequence of the arrival of many wealthy families from Moscow, and as in everything that went on in Russia at that time a special recklessness was noticeable, an "in for a penny, in for a pound--who cares?" spirit, and the inevitable small talk, instead of turning on the weather and mutual acquaintances, now turned on Moscow, the army, and Napoleon.

The society gathered together at the governor's was the best in

Voronezh.

There were a great many ladies and some of Nicholas' Moscow acquaintances, but there were no men who could at all vie with the cavalier of St. George, the hussar remount officer, the good-natured and well-bred Count Rostov. Among the men was an Italian prisoner, an officer of the French army; and Nicholas felt that the presence of that prisoner enhanced his own importance as a Russian hero. The Italian was, as it were, a war trophy. Nicholas felt this, it seemed to him that everyone regarded the Italian in the same light, and he treated him cordially though with dignity and restraint.

As soon as Nicholas entered in his hussar uniform, diffusing around him a fragrance of perfume and wine, and had uttered the words "better late than never" and heard them repeated several times by others, people clustered around him; all eyes turned on him, and he felt at once that he had entered into his proper position in the province--that of a universal favorite: a very pleasant position, and intoxicatingly so after his long privations. At posting stations, at inns, and in the landowner's snugger, maidservants had been flattered by his notice, and here too at the governor's party there were (as it seemed to Nicholas) an inexhaustible number of pretty young women, married and unmarried, impatiently awaiting his notice. The women and girls flirted with him and, from the first day, the people concerned themselves to get this fine young daredevil of an hussar married and settled down. Among these was the governor's wife herself, who welcomed Rostov as a near relative and called him "Nicholas."

Catherine Petrovna did actually play vales and the ecossaise, and dancing began in which Nicholas still further captivated the provincial society by his agility. His particularly free manner of dancing even surprised them all. Nicholas was himself rather surprised at the way he danced that evening. He had never danced like that in Moscow and would even have considered such a very free and easy manner improper and in bad form, but here he felt it incumbent on him to astonish them all by something unusual, something they would have to accept as the regular thing in the capital though new to them in the provinces.

All the evening Nicholas paid attention to a blue-eyed, plump and pleasing little blonde, the wife of one of the provincial officials. With the naive conviction of young men in a merry mood that other men's wives were created for them, Rostov did not leave the lady's side and treated her husband in a friendly and conspiratorial style, as if, without speaking of it, they knew how capitally Nicholas and the lady would get on together. The husband, however, did not seem to share that conviction and tried to behave morosely with Rostov. But

the latter's good-natured naivete was so boundless that sometimes even he involuntarily yielded to Nicholas' good humor. Toward the end of the evening, however, as the wife's face grew more flushed and animated, the husband's became more and more melancholy and solemn, as though there were but a given amount of animation between them and as the wife's share increased the husband's diminished.

CHAPTER V

Nicholas sat leaning slightly forward in an armchair, bending closely over the blonde lady and paying her mythological compliments with a smile that never left his face. Jauntily shifting the position of his legs in their tight riding breeches, diffusing an odor of perfume, and admiring his partner, himself, and the fine outlines of his legs in their well-fitting Hessian boots, Nicholas told the blonde lady that he wished to run away with a certain lady here in Voronezh.

"Which lady?"

"A charming lady, a divine one. Her eyes" (Nicholas looked at his partner) "are blue, her mouth coral and ivory; her figure" (he glanced at her shoulders) "like Diana's...."

The husband came up and sullenly asked his wife what she was talking about.

"Ah, Nikita Ivanych!" cried Nicholas, rising politely, and as if wishing Nikita Ivanych to share his joke, he began to tell him of his intention to elope with a blonde lady.

The husband smiled gloomily, the wife gaily. The governor's good-natured wife came up with a look of disapproval.

"Anna Ignatyevna wants to see you, Nicholas," said she, pronouncing the name so that Nicholas at once understood that Anna Ignatyevna was a very important person. "Come, Nicholas! You know you let me call you so?"

"Oh, yes, Aunt. Who is she?"

"Anna Ignatyevna Malvintseva. She has heard from her niece how you rescued her... Can you guess?"

"I rescued such a lot of them!" said Nicholas.

"Her niece, Princess Bolkonskaya. She is here in Voronezh with her aunt. Oho! How you blush. Why, are...?"

"Not a bit! Please don't, Aunt!"

"Very well, very well!... Oh, what a fellow you are!"

The governor's wife led him up to a tall and very stout old lady with a blue headdress, who had just finished her game of cards with the most important personages of the town. This was Malvintseva, Princess Mary's aunt on her mother's side, a rich, childless widow who always lived in Voronezh. When Rostov approached her she was standing settling up for the game. She looked at him and, screwing up her eyes sternly, continued to upbraid the general who had won from her.

"Very pleased, mon cher," she then said, holding out her hand to Nicholas. "Pray come and see me."

After a few words about Princess Mary and her late father, whom Malvintseva had evidently not liked, and having asked what Nicholas knew of Prince Andrew, who also was evidently no favorite of hers, the important old lady dismissed Nicholas after repeating her invitation to come to see her.

Nicholas promised to come and blushed again as he bowed. At the mention of Princess Mary he experienced a feeling of shyness and even of fear, which he himself did not understand.

When he had parted from Malvintseva Nicholas wished to return to the dancing, but the governor's little wife placed her plump hand on his sleeve and, saying that she wanted to have a talk with him, led him to her sitting room, from which those who were there immediately withdrew so as not to be in her way.

"Do you know, dear boy," began the governor's wife with a serious expression on her kind little face, "that really would be the match for you: would you like me to arrange it?"

"Whom do you mean, Aunt?" asked Nicholas.

"I will make a match for you with the princess. Catherine Petrovna speaks of Lily, but I say, no--the princess! Do you want me to do it? I am sure your mother will be grateful to me. What a charming girl she is, really! And she is not at all so plain, either."

"Not at all," replied Nicholas as if offended at the idea. "As befits a soldier, Aunt, I don't force myself on anyone or refuse anything," he said before he had time to consider what he was saying.

"Well then, remember, this is not a joke!"

"Of course not!"

"Yes, yes," the governor's wife said as if talking to herself. "But, my dear boy, among other things you are too attentive to the other, the blonde. One is sorry for the husband, really...."

"Oh no, we are good friends with him," said Nicholas in the simplicity of his heart; it did not enter his head that a pastime so pleasant to himself might not be pleasant to someone else.

"But what nonsense I have been saying to the governor's wife!" thought Nicholas suddenly at supper. "She will really begin to arrange a match... and Soyna...?" And on taking leave of the governor's wife, when she again smilingly said to him, "Well then, remember!" he drew her aside.

"But see here, to tell the truth, Aunt..."

"What is it, my dear? Come, let's sit down here," said she.

Nicholas suddenly felt a desire and need to tell his most intimate thoughts (which he would not have told to his mother, his sister, or his friend) to this woman who was almost a stranger. When he afterwards recalled that impulse to unsolicited and inexplicable frankness which had very important results for him, it seemed to him--as it seems to everyone in such cases--that it was merely some silly whim that seized him: yet that burst of frankness, together with other trifling events, had immense consequences for him and for all his family.

"You see, Aunt, Mamma has long wanted me to marry an heiress, but the very idea of marrying for money is repugnant to me."

"Oh yes, I understand," said the governor's wife.

"But Princess Bolkonskaya--that's another matter. I will tell you the truth. In the first place I like her very much, I feel drawn to her; and then, after I met her under such circumstances--so strangely, the idea often occurred to me: 'This is fate.' Especially if you remember that Mamma had long been thinking of it; but I had never happened to meet her before, somehow it had always happened that we

did not meet. And as long as my sister Natasha was engaged to her brother it was of course out of the question for me to think of marrying her. And it must needs happen that I should meet her just when Natasha's engagement had been broken off... and then everything... So you see... I never told this to anyone and never will, only to you."

The governor's wife pressed his elbow gratefully.

"You know Sonya, my cousin? I love her, and promised to marry her, and will do so.... So you see there can be no question about-" said Nicholas incoherently and blushing.

"My dear boy, what a way to look at it! You know Sonya has nothing and you yourself say your Papa's affairs are in a very bad way. And what about your mother? It would kill her, that's one thing. And what sort of life would it be for Sonya--if she's a girl with a heart? Your mother in despair, and you all ruined.... No, my dear, you and Sonya ought to understand that."

Nicholas remained silent. It comforted him to hear these arguments.

"All the same, Aunt, it is impossible," he rejoined with a sigh, after a short pause. "Besides, would the princess have me? And besides, she is now in mourning. How can one think of it!"

"But you don't suppose I'm going to get you married at once? There is always a right way of doing things," replied the governor's wife.

"What a matchmaker you are, Aunt..." said Nicholas, kissing her plump little hand.

CHAPTER VI

On reaching Moscow after her meeting with Rostov, Princess Mary had found her nephew there with his tutor, and a letter from Prince Andrew giving her instructions how to get to her Aunt Malvintseva at Voronezh. That feeling akin to temptation which had tormented her during her father's illness, since his death, and especially since her meeting with Rostov was smothered by arrangements for the journey, anxiety about her brother, settling in a new house, meeting new people, and attending to her nephew's education. She was sad. Now, after a month passed in quiet surroundings, she felt more and more

deeply the loss of her father which was associated in her mind with the ruin of Russia. She was agitated and incessantly tortured by the thought of the dangers to which her brother, the only intimate person now remaining to her, was exposed. She was worried too about her nephew's education for which she had always felt herself incompetent, but in the depths of her soul she felt at peace--a peace arising from consciousness of having stifled those personal dreams and hopes that had been on the point of awakening within her and were related to her meeting with Rostov.

The day after her party the governor's wife came to see Malvintseva and, after discussing her plan with the aunt, remarked that though under present circumstances a formal betrothal was, of course, not to be thought of, all the same the young people might be brought together and could get to know one another. Malvintseva expressed approval, and the governor's wife began to speak of Rostov in Mary's presence, praising him and telling how he had blushed when Princess Mary's name was mentioned. But Princess Mary experienced a painful rather than a joyful feeling--her mental tranquillity was destroyed, and desires, doubts, self-reproach, and hopes reawoke.

During the two days that elapsed before Rostov called, Princess Mary continually thought of how she ought to behave to him. First she decided not to come to the drawing room when he called to see her aunt--that it would not be proper for her, in her deep mourning, to receive visitors; then she thought this would be rude after what he had done for her; then it occurred to her that her aunt and the governor's wife had intentions concerning herself and Rostov--their looks and words at times seemed to confirm this supposition--then she told herself that only she, with her sinful nature, could think this of them: they could not forget that situated as she was, while still wearing deep mourning, such matchmaking would be an insult to her and to her father's memory. Assuming that she did go down to see him, Princess Mary imagined the words he would say to her and what she would say to him, and these words sometimes seemed undeservedly cold and then to mean too much. More than anything she feared lest the confusion she felt might overwhelm her and betray her as soon as she saw him.

But when on Sunday after church the footman announced in the drawing room that Count Rostov had called, the princess showed no confusion, only a slight blush suffused her cheeks and her eyes lit up with a new and radiant light.

"You have met him, Aunt?" said she in a calm voice, unable herself to understand that she could be outwardly so calm and natural.

When Rostov entered the room, the princess dropped her eyes for an

instant, as if to give the visitor time to greet her aunt, and then just as Nicholas turned to her she raised her head and met his look with shining eyes. With a movement full of dignity and grace she half rose with a smile of pleasure, held out her slender, delicate hand to him, and began to speak in a voice in which for the first time new deep womanly notes vibrated. Mademoiselle Bourienne, who was in the drawing room, looked at Princess Mary in bewildered surprise. Herself a consummate coquette, she could not have maneuvered better on meeting a man she wished to attract.

"Either black is particularly becoming to her or she really has greatly improved without my having noticed it. And above all, what tact and grace!" thought Mademoiselle Bourienne.

Had Princess Mary been capable of reflection at that moment, she would have been more surprised than Mademoiselle Bourienne at the change that had taken place in herself. From the moment she recognized that dear, loved face, a new life force took possession of her and compelled her to speak and act apart from her own will. From the time Rostov entered, her face became suddenly transformed. It was as if a light had been kindled in a carved and painted lantern and the intricate, skillful, artistic work on its sides, that previously seemed dark, coarse, and meaningless, was suddenly shown up in unexpected and striking beauty. For the first time all that pure, spiritual, inward travail through which she had lived appeared on the surface. All her inward labor, her dissatisfaction with herself, her sufferings, her strivings after goodness, her meekness, love, and self-sacrifice--all this now shone in those radiant eyes, in her delicate smile, and in every trait of her gentle face.

Rostov saw all this as clearly as if he had known her whole life. He felt that the being before him was quite different from, and better than, anyone he had met before, and above all better than himself.

Their conversation was very simple and unimportant. They spoke of the war, and like everyone else unconsciously exaggerated their sorrow about it; they spoke of their last meeting--Nicholas trying to change the subject--they talked of the governor's kind wife, of Nicholas' relations, and of Princess Mary's.

She did not talk about her brother, diverting the conversation as soon as her aunt mentioned Andrew. Evidently she could speak of Russia's misfortunes with a certain artificiality, but her brother was too near her heart and she neither could nor would speak lightly of him. Nicholas noticed this, as he noticed every shade of Princess Mary's character with an observation unusual to him, and everything confirmed his conviction that she was a quite unusual and extraordinary being. Nicholas blushed and was confused when people

spoke to him about the princess (as she did when he was mentioned) and even when he thought of her, but in her presence he felt quite at ease, and said not at all what he had prepared, but what, quite appropriately, occurred to him at the moment.

When a pause occurred during his short visit, Nicholas, as is usual when there are children, turned to Prince Andrew's little son, caressing him and asking whether he would like to be an hussar. He took the boy on his knee, played with him, and looked round at Princess Mary. With a softened, happy, timid look she watched the boy she loved in the arms of the man she loved. Nicholas also noticed that look and, as if understanding it, flushed with pleasure and began to kiss the boy with good natured playfulness.

As she was in mourning Princess Mary did not go out into society, and Nicholas did not think it the proper thing to visit her again; but all the same the governor's wife went on with her matchmaking, passing on to Nicholas the flattering things Princess Mary said of him and vice versa, and insisting on his declaring himself to Princess Mary. For this purpose she arranged a meeting between the young people at the bishop's house before Mass.

Though Rostov told the governor's wife that he would not make any declaration to Princess Mary, he promised to go.

As at Tilsit Rostov had not allowed himself to doubt that what everybody considered right was right, so now, after a short but sincere struggle between his effort to arrange his life by his own sense of justice, and in obedient submission to circumstances, he chose the latter and yielded to the power he felt irresistibly carrying him he knew not where. He knew that after his promise to Sonya it would be what he deemed base to declare his feelings to Princess Mary. And he knew that he would never act basely. But he also knew (or rather felt at the bottom of his heart) that by resigning himself now to the force of circumstances and to those who were guiding him, he was not only doing nothing wrong, but was doing something very important--more important than anything he had ever done in his life.

After meeting Princess Mary, though the course of his life went on externally as before, all his former amusements lost their charm for him and he often thought about her. But he never thought about her as he had thought of all the young ladies without exception whom he had met in society, nor as he had for a long time, and at one time rapturously, thought about Sonya. He had pictured each of those young ladies as almost all honest-hearted young men do, that is, as a possible wife, adapting her in his imagination to all the conditions of married life: a white dressing gown, his wife at the tea table, his

wife's carriage, little ones, Mamma and Papa, their relations to her, and so on--and these pictures of the future had given him pleasure. But with Princess Mary, to whom they were trying to get him engaged, he could never picture anything of future married life. If he tried, his pictures seemed incongruous and false. It made him afraid.

CHAPTER VII

The dreadful news of the battle of Borodino, of our losses in killed and wounded, and the still more terrible news of the loss of Moscow reached Voronezh in the middle of September. Princess Mary, having learned of her brother's wound only from the Gazette and having no definite news of him, prepared (so Nicholas heard, he had not seen her again himself) to set off in search of Prince Andrew.

When he received the news of the battle of Borodino and the abandonment of Moscow, Rostov was not seized with despair, anger, the desire for vengeance, or any feeling of that kind, but everything in Voronezh suddenly seemed to him dull and tiresome, and he experienced an indefinite feeling of shame and awkwardness. The conversations he heard seemed to him insincere; he did not know how to judge all these affairs and felt that only in the regiment would everything again become clear to him. He made haste to finish buying the horses, and often became unreasonably angry with his servant and squadron quartermaster.

A few days before his departure a special thanksgiving, at which Nicholas was present, was held in the cathedral for the Russian victory. He stood a little behind the governor and held himself with military decorum through the service, meditating on a great variety of subjects. When the service was over the governor's wife beckoned him to her.

"Have you seen the princess?" she asked, indicating with a movement of her head a lady standing on the opposite side, beyond the choir.

Nicholas immediately recognized Princess Mary not so much by the profile he saw under her bonnet as by the feeling of solicitude, timidity, and pity that immediately overcame him. Princess Mary, evidently engrossed by her thoughts, was crossing herself for the last time before leaving the church.

Nicholas looked at her face with surprise. It was the same face he had seen before, there was the same general expression of refined, inner, spiritual labor, but now it was quite differently lit up. There was a pathetic expression of sorrow, prayer, and hope in it. As had occurred before when she was present, Nicholas went up to her without waiting to be prompted by the governor's wife and not asking himself whether or not it was right and proper to address her here in church, and told her he had heard of her trouble and sympathized with his whole soul. As soon as she heard his voice a vivid glow kindled in her face, lighting up both her sorrow and her joy.

"There is one thing I wanted to tell you, Princess," said Rostov.

"It is that if your brother, Prince Andrew Nikolievich, were not living, it would have been at once announced in the Gazette, as he is a colonel."

The princess looked at him, not grasping what he was saying, but cheered by the expression of regretful sympathy on his face.

"And I have known so many cases of a splinter wound" (the Gazette said it was a shell) "either proving fatal at once or being very slight," continued Nicholas. "We must hope for the best, and I am sure..."

Princess Mary interrupted him.

"Oh, that would be so dread..." she began and, prevented by agitation from finishing, she bent her head with a movement as graceful as everything she did in his presence and, looking up at him gratefully, went out, following her aunt.

That evening Nicholas did not go out, but stayed at home to settle some accounts with the horse dealers. When he had finished that business it was already too late to go anywhere but still too early to go to bed, and for a long time he paced up and down the room, reflecting on his life, a thing he rarely did.

Princess Mary had made an agreeable impression on him when he had met her in Smolensk province. His having encountered her in such exceptional circumstances, and his mother having at one time mentioned her to him as a good match, had drawn his particular attention to her. When he met her again in Voronezh the impression she made on him was not merely pleasing but powerful. Nicholas had been struck by the peculiar moral beauty he observed in her at this time. He was, however, preparing to go away and it had not entered his head to regret that he was thus depriving himself of chances of meeting her. But that day's encounter in church had, he felt, sunk deeper than

was desirable for his peace of mind. That pale, sad, refined face, that radiant look, those gentle graceful gestures, and especially the deep and tender sorrow expressed in all her features agitated him and evoked his sympathy. In men Rostov could not bear to see the expression of a higher spiritual life (that was why he did not like Prince Andrew) and he referred to it contemptuously as philosophy and dreaminess, but in Princess Mary that very sorrow which revealed the depth of a whole spiritual world foreign to him was an irresistible attraction.

"She must be a wonderful woman. A real angel!" he said to himself. "Why am I not free? Why was I in such a hurry with Sonya?" And he involuntarily compared the two: the lack of spirituality in the one and the abundance of it in the other--a spirituality he himself lacked and therefore valued most highly. He tried to picture what would happen were he free. How he would propose to her and how she would become his wife. But no, he could not imagine that. He felt awed, and no clear picture presented itself to his mind. He had long ago pictured to himself a future with Sonya, and that was all clear and simple just because it had all been thought out and he knew all there was in Sonya, but it was impossible to picture a future with Princess Mary, because he did not understand her but simply loved her.

Reveries about Sonya had had something merry and playful in them, but to dream of Princess Mary was always difficult and a little frightening.

"How she prayed!" he thought. "It was plain that her whole soul was in her prayer. Yes, that was the prayer that moves mountains, and I am sure her prayer will be answered. Why don't I pray for what I want?" he suddenly thought. "What do I want? To be free, released from Sonya... She was right," he thought, remembering what the governor's wife had said: "Nothing but misfortune can come of marrying Sonya. Muddles, grief for Mamma... business difficulties... muddles, terrible muddles! Besides, I don't love her--not as I should. O, God! release me from this dreadful, inextricable position!" he suddenly began to pray. "Yes, prayer can move mountains, but one must have faith and not pray as Natasha and I used to as children, that the snow might turn into sugar--and then run out into the yard to see whether it had done so. No, but I am not praying for trifles now," he thought as he put his pipe down in a corner, and folding his hands placed himself before the icon. Softened by memories of Princess Mary he began to pray as he had not done for a long time. Tears were in his eyes and in his throat when the door opened and Lavrushka came in with some papers.

"Blockhead! Why do you come in without being called?" cried Nicholas, quickly changing his attitude.

"From the governor," said Lavrushka in a sleepy voice. "A courier has arrived and there's a letter for you."

"Well, all right, thanks. You can go!"

Nicholas took the two letters, one of which was from his mother and the other from Sonya. He recognized them by the handwriting and opened Sonya's first. He had read only a few lines when he turned pale and his eyes opened wide with fear and joy.

"No, it's not possible!" he cried aloud.

Unable to sit still he paced up and down the room holding the letter and reading it. He glanced through it, then read it again, and then again, and standing still in the middle of the room he raised his shoulders, stretching out his hands, with his mouth wide open and his eyes fixed. What he had just been praying for with confidence that God would hear him had come to pass; but Nicholas was as much astonished as if it were something extraordinary and unexpected, and as if the very fact that it had happened so quickly proved that it had not come from God to whom he had prayed, but by some ordinary coincidence.

This unexpected and, as it seemed to Nicholas, quite voluntary letter from Sonya freed him from the knot that fettered him and from which there had seemed no escape. She wrote that the last unfortunate events--the loss of almost the whole of the Rostovs' Moscow property--and the countess' repeatedly expressed wish that Nicholas should marry Princess Bolkonskaya, together with his silence and coldness of late, had all combined to make her decide to release him from his promise and set him completely free.

It would be too painful to me to think that I might be a cause of sorrow or discord in the family that has been so good to me (she wrote), and my love has no aim but the happiness of those I love; so, Nicholas, I beg you to consider yourself free, and to be assured that, in spite of everything, no one can love you more than does

Your Sonya

Both letters were written from Troitsa. The other, from the countess, described their last days in Moscow, their departure, the fire, and the destruction of all their property. In this letter the countess also mentioned that Prince Andrew was among the wounded traveling with them; his state was very critical, but the doctor

said there was now more hope. Sonya and Natasha were nursing him.

Next day Nicholas took his mother's letter and went to see Princess Mary. Neither he nor she said a word about what "Natasha nursing him" might mean, but thanks to this letter Nicholas suddenly became almost as intimate with the princess as if they were relations.

The following day he saw Princess Mary off on her journey to Yaroslavl, and a few days later left to rejoin his regiment.

CHAPTER VIII

Sonya's letter written from Troitsa, which had come as an answer to Nicholas' prayer, was prompted by this: the thought of getting Nicholas married to an heiress occupied the old countess' mind more and more. She knew that Sonya was the chief obstacle to this happening, and Sonya's life in the countess' house had grown harder and harder, especially after they had received a letter from Nicholas telling of his meeting with Princess Mary in Bogucharovo. The countess let no occasion slip of making humiliating or cruel allusions to Sonya.

But a few days before they left Moscow, moved and excited by all that was going on, she called Sonya to her and, instead of reproaching and making demands on her, tearfully implored her to sacrifice herself and repay all that the family had done for her by breaking off her engagement with Nicholas.

"I shall not be at peace till you promise me this."

Sonya burst into hysterical tears and replied through her sobs that she would do anything and was prepared for anything, but gave no actual promise and could not bring herself to decide to do what was demanded of her. She must sacrifice herself for the family that had reared and brought her up. To sacrifice herself for others was Sonya's habit. Her position in the house was such that only by sacrifice could she show her worth, and she was accustomed to this and loved doing it. But in all her former acts of self-sacrifice she had been happily conscious that they raised her in her own esteem and in that of others, and so made her more worthy of Nicholas whom she loved more than anything in the world. But now they wanted her to sacrifice the very thing that constituted the whole reward for her self-sacrifice and the whole meaning of her life. And for the first time she felt

bitterness against those who had been her benefactors only to torture her the more painfully; she felt jealous of Natasha who had never experienced anything of this sort, had never needed to sacrifice herself, but made others sacrifice themselves for her and yet was beloved by everybody. And for the first time Sonya felt that out of her pure, quiet love for Nicholas a passionate feeling was beginning to grow up which was stronger than principle, virtue, or religion. Under the influence of this feeling Sonya, whose life of dependence had taught her involuntarily to be secretive, having answered the countess in vague general terms, avoided talking with her and resolved to wait till she should see Nicholas, not in order to set him free but on the contrary at that meeting to bind him to her forever.

The bustle and terror of the Rostovs' last days in Moscow stifled the gloomy thoughts that oppressed Sonya. She was glad to find escape from them in practical activity. But when she heard of Prince Andrew's presence in their house, despite her sincere pity for him and for Natasha, she was seized by a joyful and superstitious feeling that God did not intend her to be separated from Nicholas. She knew that Natasha loved no one but Prince Andrew and had never ceased to love him. She knew that being thrown together again under such terrible circumstances they would again fall in love with one another, and that Nicholas would then not be able to marry Princess Mary as they would be within the prohibited degrees of affinity. Despite all the terror of what had happened during those last days and during the first days of their journey, this feeling that Providence was intervening in her personal affairs cheered Sonya.

At the Troitsa monastery the Rostovs first broke their journey for a whole day.

Three large rooms were assigned to them in the monastery hostelry, one of which was occupied by Prince Andrew. The wounded man was much better that day and Natasha was sitting with him. In the next room sat the count and countess respectfully conversing with the prior, who was calling on them as old acquaintances and benefactors of the monastery. Sonya was there too, tormented by curiosity as to what Prince Andrew and Natasha were talking about. She heard the sound of their voices through the door. That door opened and Natasha came out, looking excited. Not noticing the monk, who had risen to greet her and was drawing back the wide sleeve on his right arm, she went up to Sonya and took her hand.

"Natasha, what are you about? Come here!" said the countess.

Natasha went up to the monk for his blessing, and advised her to pray for aid to God and His saint.

As soon as the prior withdrew, Natasha took her friend by the hand and went with her into the unoccupied room.

"Sonya, will he live?" she asked. "Sonya, how happy I am, and how unhappy!... Sonya, dovey, everything is as it used to be. If only he lives! He cannot... because... because... of" and Natasha burst into tears.

"Yes! I knew it! Thank God!" murmured Sonya. "He will live."

Sonya was not less agitated than her friend by the latter's fear and grief and by her own personal feelings which she shared with no one. Sobbing, she kissed and comforted Natasha. "If only he lives!" she thought. Having wept, talked, and wiped away their tears, the two friends went together to Prince Andrew's door. Natasha opened it cautiously and glanced into the room, Sonya standing beside her at the half-open door.

Prince Andrew was lying raised high on three pillows. His pale face was calm, his eyes closed, and they could see his regular breathing.

"O, Natasha!" Sonya suddenly almost screamed, catching her companion's arm and stepping back from the door.

"What? What is it?" asked Natasha.

"It's that, that..." said Sonya, with a white face and trembling lips.

Natasha softly closed the door and went with Sonya to the window, not yet understanding what the latter was telling her.

"You remember," said Sonya with a solemn and frightened expression. "You remember when I looked in the mirror for you... at Otradnoe at Christmas? Do you remember what I saw?"

"Yes, yes!" cried Natasha opening her eyes wide, and vaguely recalling that Sonya had told her something about Prince Andrew whom she had seen lying down.

"You remember?" Sonya went on. "I saw it then and told everybody, you and Dunyasha. I saw him lying on a bed," said she, making a gesture with her hand and a lifted finger at each detail, "and that he had his eyes closed and was covered just with a pink quilt, and that his hands were folded," she concluded, convincing herself that the details she had just seen were exactly what she had seen in the mirror.

She had in fact seen nothing then but had mentioned the first thing that came into her head, but what she had invented then seemed to her now as real as any other recollection. She not only remembered what she had then said--that he turned to look at her and smiled and was covered with something red--but was firmly convinced that she had then seen and said that he was covered with a pink quilt and that his eyes were closed.

"Yes, yes, it really was pink!" cried Natasha, who now thought she too remembered the word pink being used, and saw in this the most extraordinary and mysterious part of the prediction.

"But what does it mean?" she added meditatively.

"Oh, I don't know, it is all so strange," replied Sonya, clutching at her head.

A few minutes later Prince Andrew rang and Natasha went to him, but Sonya, feeling unusually excited and touched, remained at the window thinking about the strangeness of what had occurred.

They had an opportunity that day to send letters to the army, and the countess was writing to her son.

"Sonya!" said the countess, raising her eyes from her letter as her niece passed, "Sonya, won't you write to Nicholas?" She spoke in a soft, tremulous voice, and in the weary eyes that looked over her spectacles Sonya read all that the countess meant to convey with these words. Those eyes expressed entreaty, shame at having to ask, fear of a refusal, and readiness for relentless hatred in case of such refusal.

Sonya went up to the countess and, kneeling down, kissed her hand.

"Yes, Mamma, I will write," said she.

Sonya was softened, excited, and touched by all that had occurred that day, especially by the mysterious fulfillment she had just seen of her vision. Now that she knew that the renewal of Natasha's relations with Prince Andrew would prevent Nicholas from marrying Princess Mary, she was joyfully conscious of a return of that self-sacrificing spirit in which she was accustomed to live and loved to live. So with a joyful consciousness of performing a magnanimous deed--interrupted several times by the tears that dimmed her velvety black eyes--she wrote that touching letter the arrival of which had so amazed Nicholas.

CHAPTER IX

The officer and soldiers who had arrested Pierre treated him with hostility but yet with respect, in the guardhouse to which he was taken. In their attitude toward him could still be felt both uncertainty as to who he might be--perhaps a very important person--and hostility as a result of their recent personal conflict with him.

But when the guard was relieved next morning, Pierre felt that for the new guard--both officers and men--he was not as interesting as he had been to his captors; and in fact the guard of the second day did not recognize in this big, stout man in a peasant coat the vigorous person who had fought so desperately with the marauder and the convoy and had uttered those solemn words about saving a child; they saw in him only No. 17 of the captured Russians, arrested and detained for some reason by order of the Higher Command. If they noticed anything remarkable about Pierre, it was only his unabashed, meditative concentration and thoughtfulness, and the way he spoke French, which struck them as surprisingly good. In spite of this he was placed that day with the other arrested suspects, as the separate room he had occupied was required by an officer.

All the Russians confined with Pierre were men of the lowest class and, recognizing him as a gentleman, they all avoided him, more especially as he spoke French. Pierre felt sad at hearing them making fun of him.

That evening he learned that all these prisoners (he, probably, among them) were to be tried for incendiarism. On the third day he was taken with the others to a house where a French general with a white mustache sat with two colonels and other Frenchmen with scarves on their arms. With the precision and definiteness customary in addressing prisoners, and which is supposed to preclude human frailty, Pierre like the others was questioned as to who he was, where he had been, with what object, and so on.

These questions, like questions put at trials generally, left the essence of the matter aside, shut out the possibility of that essence's being revealed, and were designed only to form a channel through which the judges wished the answers of the accused to flow so as to lead to the desired result, namely a conviction. As soon as Pierre began to say anything that did not fit in with that aim, the

channel was removed and the water could flow to waste. Pierre felt, moreover, what the accused always feel at their trial, perplexity as to why these questions were put to him. He had a feeling that it was only out of condescension or a kind of civility that this device of placing a channel was employed. He knew he was in these men's power, that only by force had they brought him there, that force alone gave them the right to demand answers to their questions, and that the sole object of that assembly was to inculcate him. And so, as they had the power and wish to inculcate him, this expedient of an inquiry and trial seemed unnecessary. It was evident that any answer would lead to conviction. When asked what he was doing when he was arrested, Pierre replied in a rather tragic manner that he was restoring to its parents a child he had saved from the flames. Why had he fought the marauder? Pierre answered that he "was protecting a woman," and that "to protect a woman who was being insulted was the duty of every man; that..." They interrupted him, for this was not to the point. Why was he in the yard of a burning house where witnesses had seen him? He replied that he had gone out to see what was happening in Moscow. Again they interrupted him: they had not asked where he was going, but why he was found near the fire? Who was he? they asked, repeating their first question, which he had declined to answer. Again he replied that he could not answer it.

"Put that down, that's bad... very bad," sternly remarked the general with the white mustache and red flushed face.

On the fourth day fires broke out on the Zubovski rampart.

Pierre and thirteen others were moved to the coach house of a merchant's house near the Crimean bridge. On his way through the streets Pierre felt stifled by the smoke which seemed to hang over the whole city. Fires were visible on all sides. He did not then realize the significance of the burning of Moscow, and looked at the fires with horror.

He passed four days in the coach house near the Crimean bridge and during that time learned, from the talk of the French soldiers, that all those confined there were awaiting a decision which might come any day from the marshal. What marshal this was, Pierre could not learn from the soldiers. Evidently for them "the marshal" represented a very high and rather mysterious power.

These first days, before the eighth of September when the prisoners were had up for a second examination, were the hardest of all for Pierre.

CHAPTER X

On the eighth of September an officer--a very important one judging by the respect the guards showed him--entered the coach house where the prisoners were. This officer, probably someone on the staff, was holding a paper in his hand, and called over all the Russians there, naming Pierre as "the man who does not give his name." Glancing indolently and indifferently at all the prisoners, he ordered the officer in charge to have them decently dressed and tidied up before taking them to the marshal. An hour later a squad of soldiers arrived and Pierre with thirteen others was led to the Virgin's Field. It was a fine day, sunny after rain, and the air was unusually pure. The smoke did not hang low as on the day when Pierre had been taken from the guardhouse on the Zubovski rampart, but rose through the pure air in columns. No flames were seen, but columns of smoke rose on all sides, and all Moscow as far as Pierre could see was one vast charred ruin. On all sides there were waste spaces with only stoves and chimney stacks still standing, and here and there the blackened walls of some brick houses. Pierre gazed at the ruins and did not recognize districts he had known well. Here and there he could see churches that had not been burned. The Kremlin, which was not destroyed, gleamed white in the distance with its towers and the belfry of Ivan the Great. The domes of the New Convent of the Virgin glittered brightly and its bells were ringing particularly clearly. These bells reminded Pierre that it was Sunday and the feast of the Nativity of the Virgin. But there seemed to be no one to celebrate this holiday: everywhere were blackened ruins, and the few Russians to be seen were tattered and frightened people who tried to hide when they saw the French.

It was plain that the Russian nest was ruined and destroyed, but in place of the Russian order of life that had been destroyed, Pierre unconsciously felt that a quite different, firm, French order had been established over this ruined nest. He felt this in the looks of the soldiers who, marching in regular ranks briskly and gaily, were escorting him and the other criminals; he felt it in the looks of an important French official in a carriage and pair driven by a soldier, whom they met on the way. He felt it in the merry sounds of regimental music he heard from the left side of the field, and felt and realized it especially from the list of prisoners the French officer had read out when he came that morning. Pierre had been taken by one set of soldiers and led first to one and then to another place with dozens of other men, and it seemed that they might have forgotten him, or confused him with the others. But no: the

answers he had given when questioned had come back to him in his designation as "the man who does not give his name," and under that appellation, which to Pierre seemed terrible, they were now leading him somewhere with unhesitating assurance on their faces that he and all the other prisoners were exactly the ones they wanted and that they were being taken to the proper place. Pierre felt himself to be an insignificant chip fallen among the wheels of a machine whose action he did not understand but which was working well.

He and the other prisoners were taken to the right side of the Virgin's Field, to a large white house with an immense garden not far from the convent. This was Prince Shcherbitov's house, where Pierre had often been in other days, and which, as he learned from the talk of the soldiers, was now occupied by the marshal, the Duke of Eckmuhl (Davout).

They were taken to the entrance and led into the house one by one. Pierre was the sixth to enter. He was conducted through a glass gallery, an anteroom, and a hall, which were familiar to him, into a long low study at the door of which stood an adjutant.

Davout, spectacles on nose, sat bent over a table at the further end of the room. Pierre went close up to him, but Davout, evidently consulting a paper that lay before him, did not look up. Without raising his eyes, he said in a low voice:

"Who are you?"

Pierre was silent because he was incapable of uttering a word. To him Davout was not merely a French general, but a man notorious for his cruelty. Looking at his cold face, as he sat like a stern schoolmaster who was prepared to wait awhile for an answer, Pierre felt that every instant of delay might cost him his life; but he did not know what to say. He did not venture to repeat what he had said at his first examination, yet to disclose his rank and position was dangerous and embarrassing. So he was silent. But before he had decided what to do, Davout raised his head, pushed his spectacles back on his forehead, screwed up his eyes, and looked intently at him.

"I know that man," he said in a cold, measured tone, evidently calculated to frighten Pierre.

The chill that had been running down Pierre's back now seized his head as in a vise.

"You cannot know me, General, I have never seen you..."

"He is a Russian spy," Davout interrupted, addressing another

general who was present, but whom Pierre had not noticed.

Davout turned away. With an unexpected reverberation in his voice Pierre rapidly began:

"No, monseigneur," he said, suddenly remembering that Davout was a duke. "No, monseigneur, you cannot have known me. I am a militia officer and have not quitted Moscow."

"Your name?" asked Davout.

"Bezukhov."

"What proof have I that you are not lying?"

"Monseigneur!" exclaimed Pierre, not in an offended but in a pleading voice.

Davout looked up and gazed intently at him. For some seconds they looked at one another, and that look saved Pierre. Apart from conditions of war and law, that look established human relations between the two men. At that moment an immense number of things passed dimly through both their minds, and they realized that they were both children of humanity and were brothers.

At the first glance, when Davout had only raised his head from the papers where human affairs and lives were indicated by numbers, Pierre was merely a circumstance, and Davout could have shot him without burdening his conscience with an evil deed, but now he saw in him a human being. He reflected for a moment.

"How can you show me that you are telling the truth?" said Davout coldly.

Pierre remembered Ramballe, and named him and his regiment and the street where the house was.

"You are not what you say," returned Davout.

In a trembling, faltering voice Pierre began adducing proofs of the truth of his statements.

But at that moment an adjutant entered and reported something to Davout.

Davout brightened up at the news the adjutant brought, and began buttoning up his uniform. It seemed that he had quite forgotten Pierre.

When the adjutant reminded him of the prisoner, he jerked his head in Pierre's direction with a frown and ordered him to be led away. But where they were to take him Pierre did not know: back to the coach house or to the place of execution his companions had pointed out to him as they crossed the Virgin's Field.

He turned his head and saw that the adjutant was putting another question to Davout.

"Yes, of course!" replied Davout, but what this "yes" meant, Pierre did not know.

Pierre could not afterwards remember how he went, whether it was far, or in which direction. His faculties were quite numbed, he was stupefied, and noticing nothing around him went on moving his legs as the others did till they all stopped and he stopped too. The only thought in his mind at that time was: who was it that had really sentenced him to death? Not the men on the commission that had first examined him--not one of them wished to or, evidently, could have done it. It was not Davout, who had looked at him in so human a way. In another moment Davout would have realized that he was doing wrong, but just then the adjutant had come in and interrupted him. The adjutant, also, had evidently had no evil intent though he might have refrained from coming in. Then who was executing him, killing him, depriving him of life--him, Pierre, with all his memories, aspirations, hopes, and thoughts? Who was doing this? And Pierre felt that it was no one.

It was a system--a concurrence of circumstances.

A system of some sort was killing him--Pierre--depriving him of life, of everything, annihilating him.

CHAPTER XI

From Prince Shcherbatov's house the prisoners were led straight down the Virgin's Field, to the left of the nunnery, as far as a kitchen garden in which a post had been set up. Beyond that post a fresh pit had been dug in the ground, and near the post and the pit a large crowd stood in a semicircle. The crowd consisted of a few Russians and many of Napoleon's soldiers who were not on duty--Germans, Italians, and Frenchmen, in a variety of uniforms. To the right and left of

the post stood rows of French troops in blue uniforms with red epaulets and high boots and shakos.

The prisoners were placed in a certain order, according to the list (Pierre was sixth), and were led to the post. Several drums suddenly began to beat on both sides of them, and at that sound Pierre felt as if part of his soul had been torn away. He lost the power of thinking or understanding. He could only hear and see. And he had only one wish--that the frightful thing that had to happen should happen quickly. Pierre looked round at his fellow prisoners and scrutinized them.

The two first were convicts with shaven heads. One was tall and thin, the other dark, shaggy, and sinewy, with a flat nose. The third was a domestic serf, about forty-five years old, with grizzled hair and a plump, well-nourished body. The fourth was a peasant, a very handsome man with a broad, light-brown beard and black eyes. The fifth was a factory hand, a thin, sallow-faced lad of eighteen in a loose coat.

Pierre heard the French consulting whether to shoot them separately or two at a time. "In couples," replied the officer in command in a calm voice. There was a stir in the ranks of the soldiers and it was evident that they were all hurrying--not as men hurry to do something they understand, but as people hurry to finish a necessary but unpleasant and incomprehensible task.

A French official wearing a scarf came up to the right of the row of prisoners and read out the sentence in Russian and in French.

Then two pairs of Frenchmen approached the criminals and at the officer's command took the two convicts who stood first in the row. The convicts stopped when they reached the post and, while sacks were being brought, looked dumbly around as a wounded beast looks at an approaching huntsman. One crossed himself continually, the other scratched his back and made a movement of the lips resembling a smile. With hurried hands the soldiers blindfolded them, drawing the sacks over their heads, and bound them to the post.

Twelve sharpshooters with muskets stepped out of the ranks with a firm regular tread and halted eight paces from the post. Pierre turned away to avoid seeing what was going to happen. Suddenly a crackling, rolling noise was heard which seemed to him louder than the most terrific thunder, and he looked round. There was some smoke, and the Frenchmen were doing something near the pit, with pale faces and trembling hands. Two more prisoners were led up. In the same way and with similar looks, these two glanced vainly at the onlookers with only a silent appeal for protection in their eyes, evidently unable to

understand or believe what was going to happen to them. They could not believe it because they alone knew what their life meant to them, and so they neither understood nor believed that it could be taken from them.

Again Pierre did not wish to look and again turned away; but again the sound as of a frightful explosion struck his ear, and at the same moment he saw smoke, blood, and the pale, scared faces of the Frenchmen who were again doing something by the post, their trembling hands impeding one another. Pierre, breathing heavily, looked around as if asking what it meant. The same question was expressed in all the looks that met his.

On the faces of all the Russians and of the French soldiers and officers without exception, he read the same dismay, horror, and conflict that were in his own heart. "But who, after all, is doing this? They are all suffering as I am. Who then is it? Who?" flashed for an instant through his mind.

"Sharpshooters of the 86th, forward!" shouted someone. The fifth prisoner, the one next to Pierre, was led away--alone. Pierre did not understand that he was saved, that he and the rest had been brought there only to witness the execution. With ever-growing horror, and no sense of joy or relief, he gazed at what was taking place. The fifth man was the factory lad in the loose cloak. The moment they laid hands on him he sprang aside in terror and clutched at Pierre. (Pierre shuddered and shook himself free.) The lad was unable to walk. They dragged him along, holding him up under the arms, and he screamed. When they got him to the post he grew quiet, as if he suddenly understood something. Whether he understood that screaming was useless or whether he thought it incredible that men should kill him, at any rate he took his stand at the post, waiting to be blindfolded like the others, and like a wounded animal looked around him with glittering eyes.

Pierre was no longer able to turn away and close his eyes. His curiosity and agitation, like that of the whole crowd, reached the highest pitch at this fifth murder. Like the others this fifth man seemed calm; he wrapped his loose cloak closer and rubbed one bare foot with the other.

When they began to blindfold him he himself adjusted the knot which hurt the back of his head; then when they propped him against the bloodstained post, he leaned back and, not being comfortable in that position, straightened himself, adjusted his feet, and leaned back again more comfortably. Pierre did not take his eyes from him and did not miss his slightest movement.

Probably a word of command was given and was followed by the reports of eight muskets; but try as he would Pierre could not afterwards remember having heard the slightest sound of the shots. He only saw how the workman suddenly sank down on the cords that held him, how blood showed itself in two places, how the ropes slackened under the weight of the hanging body, and how the workman sat down, his head hanging unnaturally and one leg bent under him. Pierre ran up to the post. No one hindered him. Pale, frightened people were doing something around the workman. The lower jaw of an old Frenchman with a thick mustache trembled as he untied the ropes. The body collapsed. The soldiers dragged it awkwardly from the post and began pushing it into the pit.

They all plainly and certainly knew that they were criminals who must hide the traces of their guilt as quickly as possible.

Pierre glanced into the pit and saw that the factory lad was lying with his knees close up to his head and one shoulder higher than the other. That shoulder rose and fell rhythmically and convulsively, but spadefuls of earth were already being thrown over the whole body. One of the soldiers, evidently suffering, shouted gruffly and angrily at Pierre to go back. But Pierre did not understand him and remained near the post, and no one drove him away.

When the pit had been filled up a command was given. Pierre was taken back to his place, and the rows of troops on both sides of the post made a half turn and went past it at a measured pace. The twenty-four sharpshooters with discharged muskets, standing in the center of the circle, ran back to their places as the companies passed by.

Pierre gazed now with dazed eyes at these sharpshooters who ran in couples out of the circle. All but one rejoined their companies. This one, a young soldier, his face deadly pale, his shako pushed back, and his musket resting on the ground, still stood near the pit at the spot from which he had fired. He swayed like a drunken man, taking some steps forward and back to save himself from falling. An old, noncommissioned officer ran out of the ranks and taking him by the elbow dragged him to his company. The crowd of Russians and Frenchmen began to disperse. They all went away silently and with drooping heads.

"That will teach them to start fires," said one of the Frenchmen.

Pierre glanced round at the speaker and saw that it was a soldier who was trying to find some relief after what had been done, but was not able to do so. Without finishing what he had begun to say he made a hopeless movement with his arm and went away.

CHAPTER XII

After the execution Pierre was separated from the rest of the prisoners and placed alone in a small, ruined, and befouled church.

Toward evening a noncommissioned officer entered with two soldiers and told him that he had been pardoned and would now go to the barracks for the prisoners of war. Without understanding what was said to him, Pierre got up and went with the soldiers. They took him to the upper end of the field, where there were some sheds built of charred planks, beams, and battens, and led him into one of them. In the darkness some twenty different men surrounded Pierre. He looked at them without understanding who they were, why they were there, or what they wanted of him. He heard what they said, but did not understand the meaning of the words and made no kind of deduction from or application of them. He replied to questions they put to him, but did not consider who was listening to his replies, nor how they would understand them. He looked at their faces and figures, but they all seemed to him equally meaningless.

From the moment Pierre had witnessed those terrible murders committed by men who did not wish to commit them, it was as if the mainspring of his life, on which everything depended and which made everything appear alive, had suddenly been wrenched out and everything had collapsed into a heap of meaningless rubbish. Though he did not acknowledge it to himself, his faith in the right ordering of the universe, in humanity, in his own soul, and in God, had been destroyed. He had experienced this before, but never so strongly as now. When similar doubts had assailed him before, they had been the result of his own wrongdoing, and at the bottom of his heart he had felt that relief from his despair and from those doubts was to be found within himself. But now he felt that the universe had crumbled before his eyes and only meaningless ruins remained, and this not by any fault of his own. He felt that it was not in his power to regain faith in the meaning of life.

Around him in the darkness men were standing and evidently something about him interested them greatly. They were telling him something and asking him something. Then they led him away somewhere, and at last he found himself in a corner of the shed among men who were laughing and talking on all sides.

"Well, then, mates... that very prince who..." some voice at the other end of the shed was saying, with a strong emphasis on the word who.

Sitting silent and motionless on a heap of straw against the wall, Pierre sometimes opened and sometimes closed his eyes. But as soon as he closed them he saw before him the dreadful face of the factory lad--especially dreadful because of its simplicity--and the faces of the murderers, even more dreadful because of their disquiet. And he opened his eyes again and stared vacantly into the darkness around him.

Beside him in a stooping position sat a small man of whose presence he was first made aware by a strong smell of perspiration which came from him every time he moved. This man was doing something to his legs in the darkness, and though Pierre could not see his face he felt that the man continually glanced at him. On growing used to the darkness Pierre saw that the man was taking off his leg bands, and the way he did it aroused Pierre's interest.

Having unwound the string that tied the band on one leg, he carefully coiled it up and immediately set to work on the other leg, glancing up at Pierre. While one hand hung up the first string the other was already unwinding the band on the second leg. In this way, having carefully removed the leg bands by deft circular motions of his arm following one another uninterruptedly, the man hung the leg bands up on some pegs fixed above his head. Then he took out a knife, cut something, closed the knife, placed it under the head of his bed, and, seating himself comfortably, clasped his arms round his lifted knees and fixed his eyes on Pierre. The latter was conscious of something pleasant, comforting, and well rounded in these deft movements, in the man's well-ordered arrangements in his corner, and even in his very smell, and he looked at the man without taking his eyes from him.

"You've seen a lot of trouble, sir, eh?" the little man suddenly said.

And there was so much kindness and simplicity in his singsong voice that Pierre tried to reply, but his jaw trembled and he felt tears rising to his eyes. The little fellow, giving Pierre no time to betray his confusion, instantly continued in the same pleasant tones:

"Eh, lad, don't fret!" said he, in the tender singsong caressing voice old Russian peasant women employ. "Don't fret, friend--'suffer an hour, live for an age!' that's how it is, my dear fellow. And here we live, thank heaven, without offense. Among these folk, too,

there are good men as well as bad," said he, and still speaking, he turned on his knees with a supple movement, got up, coughed, and went off to another part of the shed.

"Eh, you rascal!" Pierre heard the same kind voice saying at the other end of the shed. "So you've come, you rascal? She remembers... Now, now, that'll do!"

And the soldier, pushing away a little dog that was jumping up at him, returned to his place and sat down. In his hands he had something wrapped in a rag.

"Here, eat a bit, sir," said he, resuming his former respectful tone as he unwrapped and offered Pierre some baked potatoes. "We had soup for dinner and the potatoes are grand!"

Pierre had not eaten all day and the smell of the potatoes seemed extremely pleasant to him. He thanked the soldier and began to eat.

"Well, are they all right?" said the soldier with a smile. "You should do like this."

He took a potato, drew out his clasp knife, cut the potato into two equal halves on the palm of his hand, sprinkled some salt on it from the rag, and handed it to Pierre.

"The potatoes are grand!" he said once more. "Eat some like that!"

Pierre thought he had never eaten anything that tasted better.

"Oh, I'm all right," said he, "but why did they shoot those poor fellows? The last one was hardly twenty."

"Tss, tt...!" said the little man. "Ah, what a sin... what a sin!" he added quickly, and as if his words were always waiting ready in his mouth and flew out involuntarily he went on: "How was it, sir, that you stayed in Moscow?"

"I didn't think they would come so soon. I stayed accidentally," replied Pierre.

"And how did they arrest you, dear lad? At your house?"

"No, I went to look at the fire, and they arrested me there, and tried me as an incendiary."

"Where there's law there's injustice," put in the little man.

"And have you been here long?" Pierre asked as he munched the last of the potato.

"I? It was last Sunday they took me, out of a hospital in Moscow."

"Why, are you a soldier then?"

"Yes, we are soldiers of the Apsheron regiment. I was dying of fever. We weren't told anything. There were some twenty of us lying there. We had no idea, never guessed at all."

"And do you feel sad here?" Pierre inquired.

"How can one help it, lad? My name is Platon, and the surname is Karataev," he added, evidently wishing to make it easier for Pierre to address him. "They call me 'little falcon' in the regiment. How is one to help feeling sad? Moscow--she's the mother of cities. How can one see all this and not feel sad? But 'the maggot gnaws the cabbage, yet dies first'; that's what the old folks used to tell us," he added rapidly.

"What? What did you say?" asked Pierre.

"Who? I?" said Karataev. "I say things happen not as we plan but as God judges," he replied, thinking that he was repeating what he had said before, and immediately continued:

"Well, and you, have you a family estate, sir? And a house? So you have abundance, then? And a housewife? And your old parents, are they still living?" he asked.

And though it was too dark for Pierre to see, he felt that a suppressed smile of kindness puckered the soldier's lips as he put these questions. He seemed grieved that Pierre had no parents, especially that he had no mother.

"A wife for counsel, a mother-in-law for welcome, but there's none as dear as one's own mother!" said he. "Well, and have you little ones?" he went on asking.

Again Pierre's negative answer seemed to distress him, and he hastened to add:

"Never mind! You're young folks yet, and please God may still have some. The great thing is to live in harmony...."

"But it's all the same now," Pierre could not help saying.

"Ah, my dear fellow!" rejoined Karataev, "never decline a prison or a beggar's sack!"

He seated himself more comfortably and coughed, evidently preparing to tell a long story.

"Well, my dear fellow, I was still living at home," he began. "We had a well-to-do homestead, plenty of land, we peasants lived well and our house was one to thank God for. When Father and we went out mowing there were seven of us. We lived well. We were real peasants. It so happened..."

And Platon Karataev told a long story of how he had gone into someone's copse to take wood, how he had been caught by the keeper, had been tried, flogged, and sent to serve as a soldier.

"Well, lad," and a smile changed the tone of his voice "we thought it was a misfortune but it turned out a blessing! If it had not been for my sin, my brother would have had to go as a soldier. But he, my younger brother, had five little ones, while I, you see, only left a wife behind. We had a little girl, but God took her before I went as a soldier. I come home on leave and I'll tell you how it was, I look and see that they are living better than before. The yard full of cattle, the women at home, two brothers away earning wages, and only Michael the youngest, at home. Father, he says, 'All my children are the same to me: it hurts the same whichever finger gets bitten. But if Platon hadn't been shaved for a soldier, Michael would have had to go.' called us all to him and, will you believe it, placed us in front of the icons. 'Michael,' he says, 'come here and bow down to his feet; and you, young woman, you bow down too; and you, grandchildren, also bow down before him! Do you understand?' he says. That's how it is, dear fellow. Fate looks for a head. But we are always judging, 'that's not well--that's not right!' Our luck is like water in a dragnet: you pull at it and it bulges, but when you've drawn it out it's empty! That's how it is."

And Platon shifted his seat on the straw.

After a short silence he rose.

"Well, I think you must be sleepy," said he, and began rapidly crossing himself and repeating:

"Lord Jesus Christ, holy Saint Nicholas, Frola and Lavra! Lord Jesus Christ, holy Saint Nicholas, Frola and Lavra! Lord Jesus Christ, have mercy on us and save us!" he concluded, then bowed to the ground, got up, sighed, and sat down again on his heap of straw. "That's the way. Lay me down like a stone, O God, and raise me up like a loaf," he

muttered as he lay down, pulling his coat over him.

"What prayer was that you were saying?" asked Pierre.

"Eh?" murmured Platon, who had almost fallen asleep. "What was I saying? I was praying. Don't you pray?"

"Yes, I do," said Pierre. "But what was that you said: Frola and Lavra?"

"Well, of course," replied Platon quickly, "the horses' saints. One must pity the animals too. Eh, the rascal! Now you've curled up and got warm, you daughter of a bitch!" said Karataev, touching the dog that lay at his feet, and again turning over he fell asleep immediately.

Sounds of crying and screaming came from somewhere in the distance outside, and flames were visible through the cracks of the shed, but inside it was quiet and dark. For a long time Pierre did not sleep, but lay with eyes open in the darkness, listening to the regular snoring of Platon who lay beside him, and he felt that the world that had been shattered was once more stirring in his soul with a new beauty and on new and unshakable foundations.

CHAPTER XIII

Twenty-three soldiers, three officers, and two officials were confined in the shed in which Pierre had been placed and where he remained for four weeks.

When Pierre remembered them afterwards they all seemed misty figures to him except Platon Karataev, who always remained in his mind a most vivid and precious memory and the personification of everything Russian, kindly, and round. When Pierre saw his neighbor next morning at dawn the first impression of him, as of something round, was fully confirmed: Platon's whole figure--in a French overcoat girdled with a cord, a soldier's cap, and bast shoes--was round. His head was quite round, his back, chest, shoulders, and even his arms, which he held as if ever ready to embrace something, were rounded, his pleasant smile and his large, gentle brown eyes were also round.

Platon Karataev must have been fifty, judging by his stories of campaigns he had been in, told as by an old soldier. He did not

himself know his age and was quite unable to determine it. But his brilliantly white, strong teeth which showed in two unbroken semicircles when he laughed--as he often did--were all sound and good, there was not a gray hair in his beard or on his head, and his whole body gave an impression of suppleness and especially of firmness and endurance.

His face, despite its fine, rounded wrinkles, had an expression of innocence and youth, his voice was pleasant and musical. But the chief peculiarity of his speech was its directness and appositeness. It was evident that he never considered what he had said or was going to say, and consequently the rapidity and justice of his intonation had an irresistible persuasiveness.

His physical strength and agility during the first days of his imprisonment were such that he seemed not to know what fatigue and sickness meant. Every night before lying down, he said: "Lord, lay me down as a stone and raise me up as a loaf!" and every morning on getting up, he said: "I lay down and curled up, I get up and shake myself." And indeed he only had to lie down, to fall asleep like a stone, and he only had to shake himself, to be ready without a moment's delay for some work, just as children are ready to play directly they awake. He could do everything, not very well but not badly. He baked, cooked, sewed, planed, and mended boots. He was always busy, and only at night allowed himself conversation--of which he was fond--and songs. He did not sing like a trained singer who knows he is listened to, but like the birds, evidently giving vent to the sounds in the same way that one stretches oneself or walks about to get rid of stiffness, and the sounds were always high-pitched, mournful, delicate, and almost feminine, and his face at such times was very serious.

Having been taken prisoner and allowed his beard to grow, he seemed to have thrown off all that had been forced upon him--everything military and alien to himself--and had returned to his former peasant habits.

"A soldier on leave--a shirt outside breeches," he would say.

He did not like talking about his life as a soldier, though he did not complain, and often mentioned that he had not been flogged once during the whole of his army service. When he related anything it was generally some old and evidently precious memory of his "Christian" life, as he called his peasant existence. The proverbs, of which his talk was full, were for the most part not the coarse and indecent saws soldiers employ, but those folk sayings which taken without a context seem so insignificant, but when used appositely suddenly acquire a significance of profound wisdom.

He would often say the exact opposite of what he had said on a previous occasion, yet both would be right. He liked to talk and he talked well, adorning his speech with terms of endearment and with folk sayings which Pierre thought he invented himself, but the chief charm of his talk lay in the fact that the commonest events--sometimes just such as Pierre had witnessed without taking notice of them--assumed in Karataev's a character of solemn fitness. He liked to hear the folk tales one of the soldiers used to tell of an evening (they were always the same), but most of all he liked to hear stories of real life. He would smile joyfully when listening to such stories, now and then putting in a word or asking a question to make the moral beauty of what he was told clear to himself. Karataev had no attachments, friendships, or love, as Pierre understood them, but loved and lived affectionately with everything life brought him in contact with, particularly with man--not any particular man, but those with whom he happened to be. He loved his dog, his comrades, the French, and Pierre who was his neighbor, but Pierre felt that in spite of Karataev's affectionate tenderness for him (by which he unconsciously gave Pierre's spiritual life its due) he would not have grieved for a moment at parting from him. And Pierre began to feel in the same way toward Karataev.

To all the other prisoners Platon Karataev seemed a most ordinary soldier. They called him "little falcon" or "Platosha," chaffed him good-naturedly, and sent him on errands. But to Pierre he always remained what he had seemed that first night: an unfathomable, rounded, eternal personification of the spirit of simplicity and truth.

Platon Karataev knew nothing by heart except his prayers. When he began to speak he seemed not to know how he would conclude.

Sometimes Pierre, struck by the meaning of his words, would ask him to repeat them, but Platon could never recall what he had said a moment before, just as he never could repeat to Pierre the words of his favorite song: native and birch tree and my heart is sick occurred in it, but when spoken and not sung, no meaning could be got out of it. He did not, and could not, understand the meaning of words apart from their context. Every word and action of his was the manifestation of an activity unknown to him, which was his life. But his life, as he regarded it, had no meaning as a separate thing. It had meaning only as part of a whole of which he was always conscious. His words and actions flowed from him as evenly, inevitably, and spontaneously as fragrance exhales from a flower. He could not understand the value or significance of any word or deed taken separately.

CHAPTER XIV

When Princess Mary heard from Nicholas that her brother was with the Rostovs at Yaroslavl she at once prepared to go there, in spite of her aunt's efforts to dissuade her--and not merely to go herself but to take her nephew with her. Whether it were difficult or easy, possible or impossible, she did not ask and did not want to know: it was her duty not only herself to be near her brother who was perhaps dying, but to do everything possible to take his son to him, and so she prepared to set off. That she had not heard from Prince Andrew himself, Princess Mary attributed to his being too weak to write or to his considering the long journey too hard and too dangerous for her and his son.

In a few days Princess Mary was ready to start. Her equipages were the huge family coach in which she had traveled to Voronezh, a semiopen trap, and a baggage cart. With her traveled Mademoiselle Bourienne, little Nicholas and his tutor, her old nurse, three maids, Tikhon, and a young footman and courier her aunt had sent to accompany her.

The usual route through Moscow could not be thought of, and the roundabout way Princess Mary was obliged to take through Lipetsk, Ryazan, Vladimir, and Shuya was very long and, as post horses were not everywhere obtainable, very difficult, and near Ryazan where the French were said to have shown themselves was even dangerous.

During this difficult journey Mademoiselle Bourienne, Dessalles, and Princess Mary's servants were astonished at her energy and firmness of spirit. She went to bed later and rose earlier than any of them, and no difficulties daunted her. Thanks to her activity and energy, which infected her fellow travelers, they approached Yaroslavl by the end of the second week.

The last days of her stay in Voronezh had been the happiest of her life. Her love for Rostov no longer tormented or agitated her. It filled her whole soul, had become an integral part of herself, and she no longer struggled against it. Latterly she had become convinced that she loved and was beloved, though she never said this definitely to herself in words. She had become convinced of it at her last interview with Nicholas, when he had come to tell her that her brother was with the Rostovs. Not by a single word had Nicholas alluded to the fact that Prince Andrew's relations with Natasha might, if he recovered, be renewed, but Princess Mary saw by his face that he

knew and thought of this.

Yet in spite of that, his relation to her--considerate, delicate, and loving--not only remained unchanged, but it sometimes seemed to Princess Mary that he was even glad that the family connection between them allowed him to express his friendship more freely. She knew that she loved for the first and only time in her life and felt that she was beloved, and was happy in regard to it.

But this happiness on one side of her spiritual nature did not prevent her feeling grief for her brother with full force; on the contrary, that spiritual tranquility on the one side made it the more possible for her to give full play to her feeling for her brother. That feeling was so strong at the moment of leaving Voronezh that those who saw her off, as they looked at her careworn, despairing face, felt sure she would fall ill on the journey. But the very difficulties and preoccupations of the journey, which she took so actively in hand, saved her for a while from her grief and gave her strength.

As always happens when traveling, Princess Mary thought only of the journey itself, forgetting its object. But as she approached Yaroslavl the thought of what might await her there--not after many days, but that very evening--again presented itself to her and her agitation increased to its utmost limit.

The courier who had been sent on in advance to find out where the Rostovs were staying in Yaroslavl, and in what condition Prince Andrew was, when he met the big coach just entering the town gates was appalled by the terrible pallor of the princess' face that looked out at him from the window.

"I have found out everything, your excellency: the Rostovs are staying at the merchant Bronnikov's house, in the Square not far from here, right above the Volga," said the courier.

Princess Mary looked at him with frightened inquiry, not understanding why he did not reply to what she chiefly wanted to know: how was her brother? Mademoiselle Bourienne put that question for her.

"How is the prince?" she asked.

"His excellency is staying in the same house with them."

"Then he is alive," thought Princess Mary, and asked in a low voice: "How is he?"

"The servants say he is still the same."

What "still the same" might mean Princess Mary did not ask, but with an unnoticed glance at little seven-year-old Nicholas, who was sitting in front of her looking with pleasure at the town, she bowed her head and did not raise it again till the heavy coach, rumbling, shaking and swaying, came to a stop. The carriage steps clattered as they were let down.

The carriage door was opened. On the left there was water--a great river--and on the right a porch. There were people at the entrance: servants, and a rosy girl with a large plait of black hair, smiling as it seemed to Princess Mary in an unpleasantly affected way. (This was Sonya.) Princess Mary ran up the steps. "This way, this way!" said the girl, with the same artificial smile, and the princess found herself in the hall facing an elderly woman of Oriental type, who came rapidly to meet her with a look of emotion. This was the countess. She embraced Princess Mary and kissed her.

"Mon enfant!" she muttered, "je vous aime et vous connais depuis longtemps."*

*"My child! I love you and have known you a long time."

Despite her excitement, Princess Mary realized that this was the countess and that it was necessary to say something to her. Hardly knowing how she did it, she contrived to utter a few polite phrases in French in the same tone as those that had been addressed to her, and asked: "How is he?"

"The doctor says that he is not in danger," said the countess, but as she spoke she raised her eyes with a sigh, and her gesture conveyed a contradiction of her words.

"Where is he? Can I see him--can I?" asked the princess.

"One moment, Princess, one moment, my dear! Is this his son?" said the countess, turning to little Nicholas who was coming in with Dessalles. "There will be room for everybody, this is a big house. Oh, what a lovely boy!"

The countess took Princess Mary into the drawing room, where Sonya was talking to Mademoiselle Bourienne. The countess caressed the boy, and the old count came in and welcomed the princess. He had changed very much since Princess Mary had last seen him. Then he had been a brisk, cheerful, self-assured old man; now he seemed a pitiful, bewildered person. While talking to Princess Mary he continually looked round as if asking everyone whether he was doing the right

thing. After the destruction of Moscow and of his property, thrown out of his accustomed groove he seemed to have lost the sense of his own significance and to feel that there was no longer a place for him in life.

In spite of her one desire to see her brother as soon as possible, and her vexation that at the moment when all she wanted was to see him they should be trying to entertain her and pretending to admire her nephew, the princess noticed all that was going on around her and felt the necessity of submitting, for a time, to this new order of things which she had entered. She knew it to be necessary, and though it was hard for her she was not vexed with these people.

"This is my niece," said the count, introducing Sonya--"You don't know her, Princess?"

Princess Mary turned to Sonya and, trying to stifle the hostile feeling that arose in her toward the girl, she kissed her. But she felt oppressed by the fact that the mood of everyone around her was so far from what was in her own heart.

"Where is he?" she asked again, addressing them all.

"He is downstairs. Natasha is with him," answered Sonya, flushing.
"We have sent to ask. I think you must be tired, Princess."

Tears of vexation showed themselves in Princess Mary's eyes. She turned away and was about to ask the countess again how to go to him, when light, impetuous, and seemingly buoyant steps were heard at the door. The princess looked round and saw Natasha coming in, almost running--that Natasha whom she had liked so little at their meeting in Moscow long since.

But hardly had the princess looked at Natasha's face before she realized that here was a real comrade in her grief, and consequently a friend. She ran to meet her, embraced her, and began to cry on her shoulder.

As soon as Natasha, sitting at the head of Prince Andrew's bed, heard of Princess Mary's arrival, she softly left his room and hastened to her with those swift steps that had sounded buoyant to Princess Mary.

There was only one expression on her agitated face when she ran into the drawing room--that of love--boundless love for him, for her, and for all that was near to the man she loved; and of pity, suffering for others, and passionate desire to give herself entirely to helping them. It was plain that at that moment there was in Natasha's heart no

thought of herself or of her own relations with Prince Andrew.

Princess Mary, with her acute sensibility, understood all this at the first glance at Natasha's face, and wept on her shoulder with sorrowful pleasure.

"Come, come to him, Mary," said Natasha, leading her into the other room.

Princess Mary raised her head, dried her eyes, and turned to Natasha. She felt that from her she would be able to understand and learn everything.

"How..." she began her question but stopped short.

She felt that it was impossible to ask, or to answer, in words. Natasha's face eyes would have to tell her all more clearly and profoundly.

Natasha was gazing at her, but seemed afraid and in doubt whether to say all she knew or not; she seemed to feel that before those luminous eyes which penetrated into the very depths of her heart, it was impossible not to tell the whole truth which she saw. And suddenly, Natasha's lips twitched, ugly wrinkles gathered round her mouth, and covering her face with her hands she burst into sobs.

Princess Mary understood.

But she still hoped, and asked, in words she herself did not trust:

"But how is his wound? What is his general condition?"

"You, you... will see," was all Natasha could say.

They sat a little while downstairs near his room till they had left off crying and were able to go to him with calm faces.

"How has his whole illness gone? Is it long since he grew worse? When did this happen?" Princess Mary inquired.

Natasha told her that at first there had been danger from his feverish condition and the pain he suffered, but at Troitsa that had passed and the doctor had only been afraid of gangrene. That danger had also passed. When they reached Yaroslavl the wound had begun to fester (Natasha knew all about such things as festering) and the doctor had said that the festering might take a normal course. Then fever set in, but the doctor had said the fever was not very serious.

"But two days ago this suddenly happened," said Natasha, struggling with her sobs. "I don't know why, but you will see what he is like."

"Is he weaker? Thinner?" asked the princess.

"No, it's not that, but worse. You will see. O, Mary, he is too good, he cannot, cannot live, because..."

CHAPTER XV

When Natasha opened Prince Andrew's door with a familiar movement and let Princess Mary pass into the room before her, the princess felt the sobs in her throat. Hard as she had tried to prepare herself, and now tried to remain tranquil, she knew that she would be unable to look at him without tears.

The princess understood what Natasha had meant by the words: "two days ago this suddenly happened." She understood those words to mean that he had suddenly softened and that this softening and gentleness were signs of approaching death. As she stepped to the door she already saw in imagination Andrew's face as she remembered it in childhood, a gentle, mild, sympathetic face which he had rarely shown, and which therefore affected her very strongly. She was sure he would speak soft, tender words to her such as her father had uttered before his death, and that she would not be able to bear it and would burst into sobs in his presence. Yet sooner or later it had to be, and she went in. The sobs rose higher and higher in her throat as she more and more clearly distinguished his form and her shortsighted eyes tried to make out his features, and then she saw his face and met his gaze.

He was lying in a squirrel-fur dressing gown on a divan, surrounded by pillows. He was thin and pale. In one thin, translucently white hand he held a handkerchief, while with the other he stroked the delicate mustache he had grown, moving his fingers slowly. His eyes gazed at them as they entered.

On seeing his face and meeting his eyes Princess Mary's pace suddenly slackened, she felt her tears dry up and her sobs ceased. She suddenly felt guilty and grew timid on catching the expression of his face and eyes.

"But in what am I to blame?" she asked herself. And his cold, stern look replied: "Because you are alive and thinking of the living, while I..."

In the deep gaze that seemed to look not outwards but inwards there was an almost hostile expression as he slowly regarded his sister and Natasha.

He kissed his sister, holding her hand in his as was their wont.

"How are you, Mary? How did you manage to get here?" said he in a voice as calm and aloof as his look.

Had he screamed in agony, that scream would not have struck such horror into Princess Mary's heart as the tone of his voice.

"And have you brought little Nicholas?" he asked in the same slow, quiet manner and with an obvious effort to remember.

"How are you now?" said Princess Mary, herself surprised at what she was saying.

"That, my dear, you must ask the doctor," he replied, and again making an evident effort to be affectionate, he said with his lips only (his words clearly did not correspond to his thoughts):

"Merci, chere amie, d'etre venue."*

*"Thank you for coming, my dear."

Princess Mary pressed his hand. The pressure made him wince just perceptibly. He was silent, and she did not know what to say. She now understood what had happened to him two days before. In his words, his tone, and especially in that calm, almost antagonistic look could be felt an estrangement from everything belonging to this world, terrible in one who is alive. Evidently only with an effort did he understand anything living; but it was obvious that he failed to understand, not because he lacked the power to do so but because he understood something else--something the living did not and could not understand--and which wholly occupied his mind.

"There, you see how strangely fate has brought us together," said he, breaking the silence and pointing to Natasha. "She looks after me all the time."

Princess Mary heard him and did not understand how he could say such

a thing. He, the sensitive, tender Prince Andrew, how could he say that, before her whom he loved and who loved him? Had he expected to live he could not have said those words in that offensively cold tone. If he had not known that he was dying, how could he have failed to pity her and how could he speak like that in her presence? The only explanation was that he was indifferent, because something else, much more important, had been revealed to him.

The conversation was cold and disconnected and continually broke off.

"Mary came by way of Ryazan," said Natasha.

Prince Andrew did not notice that she called his sister Mary, and only after calling her so in his presence did Natasha notice it herself.

"Really?" he asked.

"They told her that all Moscow has been burned down, and that..."

Natasha stopped. It was impossible to talk. It was plain that he was making an effort to listen, but could not do so.

"Yes, they say it's burned," he said. "It's a great pity," and he gazed straight before him, absently stroking his mustache with his fingers.

"And so you have met Count Nicholas, Mary?" Prince Andrew suddenly said, evidently wishing to speak pleasantly to them. "He wrote here that he took a great liking to you," he went on simply and calmly, evidently unable to understand all the complex significance his words had for living people. "If you liked him too, it would be a good thing for you to get married," he added rather more quickly, as if pleased at having found words he had long been seeking.

Princess Mary heard his words but they had no meaning for her, except as a proof of how far away he now was from everything living.

"Why talk of me?" she said quietly and glanced at Natasha.

Natasha, who felt her glance, did not look at her. All three were again silent.

"Andrew, would you like..." Princess Mary suddenly said in a trembling voice, "would you like to see little Nicholas? He is always talking about you!"

Prince Andrew smiled just perceptibly and for the first time, but Princess Mary, who knew his face so well, saw with horror that he did not smile with pleasure or affection for his son, but with quiet, gentle irony because he thought she was trying what she believed to be the last means of arousing him.

"Yes, I shall be very glad to see him. Is he quite well?"

When little Nicholas was brought into Prince Andrew's room he looked at his father with frightened eyes, but did not cry, because no one else was crying. Prince Andrew kissed him and evidently did not know what to say to him.

When Nicholas had been led away, Princess Mary again went up to her brother, kissed him, and unable to restrain her tears any longer began to cry.

He looked at her attentively.

"Is it about Nicholas?" he asked.

Princess Mary nodded her head, weeping.

"Mary, you know the Gosp..." but he broke off.

"What did you say?"

"Nothing. You mustn't cry here," he said, looking at her with the same cold expression.

When Princess Mary began to cry, he understood that she was crying at the thought that little Nicholas would be left without a father. With a great effort he tried to return to life and to see things from their point of view.

"Yes, to them it must seem sad!" he thought. "But how simple it is.

"The fowls of the air sow not, neither do they reap, yet your Father feedeth them," he said to himself and wished to say to Princess Mary; "but no, they will take it their own way, they won't understand! They can't understand that all those feelings they prize so--all our feelings, all those ideas that seem so important to us, are unnecessary. We cannot understand one another," and he remained silent.

Prince Andrew's little son was seven. He could scarcely read, and

knew nothing. After that day he lived through many things, gaining knowledge, observation, and experience, but had he possessed all the faculties he afterwards acquired, he could not have had a better or more profound understanding of the meaning of the scene he had witnessed between his father, Mary, and Natasha, than he had then. He understood it completely, and, leaving the room without crying, went silently up to Natasha who had come out with him and looked shyly at her with his beautiful, thoughtful eyes, then his uplifted, rosy upper lip trembled and leaning his head against her he began to cry.

After that he avoided Dessalles and the countess who caressed him and either sat alone or came timidly to Princess Mary, or to Natasha of whom he seemed even fonder than of his aunt, and clung to them quietly and shyly.

When Princess Mary had left Prince Andrew she fully understood what Natasha's face had told her. She did not speak any more to Natasha of hopes of saving his life. She took turns with her beside his sofa, and did not cry any more, but prayed continually, turning in soul to that Eternal and Unfathomable, whose presence above the dying man was now so evident.

CHAPTER XVI

Not only did Prince Andrew know he would die, but he felt that he was dying and was already half dead. He was conscious of an aloofness from everything earthly and a strange and joyous lightness of existence. Without haste or agitation he awaited what was coming. That inexorable, eternal, distant, and unknown the presence of which he had felt continually all his life--was now near to him and, by the strange lightness he experienced, almost comprehensible and palpable...

Formerly he had feared the end. He had twice experienced that terribly tormenting fear of death--the end--but now he no longer understood that fear.

He had felt it for the first time when the shell spun like a top before him, and he looked at the fallow field, the bushes, and the sky, and knew that he was face to face with death. When he came to himself after being wounded and the flower of eternal, unfettered love had instantly unfolded itself in his soul as if freed from the bondage

of life that had restrained it, he no longer feared death and ceased to think about it.

During the hours of solitude, suffering, and partial delirium he spent after he was wounded, the more deeply he penetrated into the new principle of eternal love revealed to him, the more he unconsciously detached himself from earthly life. To love everything and everybody and always to sacrifice oneself for love meant not to love anyone, not to live this earthly life. And the more imbued he became with that principle of love, the more he renounced life and the more completely he destroyed that dreadful barrier which--in the absence of such love--stands between life and death. When during those first days he remembered that he would have to die, he said to himself: "Well, what of it? So much the better!"

But after the night in Mytishchi when, half delirious, he had seen her for whom he longed appear before him and, having pressed her hand to his lips, had shed gentle, happy tears, love for a particular woman again crept unobserved into his heart and once more bound him to life. And joyful and agitating thoughts began to occupy his mind. Recalling the moment at the ambulance station when he had seen Kuragin, he could not now regain the feeling he then had, but was tormented by the question whether Kuragin was alive. And he dared not inquire.

His illness pursued its normal physical course, but what Natasha referred to when she said: "This suddenly happened," had occurred two days before Princess Mary arrived. It was the last spiritual struggle between life and death, in which death gained the victory. It was the unexpected realization of the fact that he still valued life as presented to him in the form of his love for Natasha, and a last, though ultimately vanquished, attack of terror before the unknown.

It was evening. As usual after dinner he was slightly feverish, and his thoughts were preternaturally clear. Sonya was sitting by the table. He began to doze. Suddenly a feeling of happiness seized him.

"Ah, she has come!" thought he.

And so it was: in Sonya's place sat Natasha who had just come in noiselessly.

Since she had begun looking after him, he had always experienced this physical consciousness of her nearness. She was sitting in an armchair placed sideways, screening the light of the candle from him, and was knitting a stocking. She had learned to knit stockings since Prince Andrew had casually mentioned that no one nursed the sick

so well as old nurses who knit stockings, and that there is something soothing in the knitting of stockings. The needles clicked lightly in her slender, rapidly moving hands, and he could clearly see the thoughtful profile of her drooping face. She moved, and the ball rolled off her knees. She started, glanced round at him, and screening the candle with her hand stooped carefully with a supple and exact movement, picked up the ball, and regained her former position.

He looked at her without moving and saw that she wanted to draw a deep breath after stooping, but refrained from doing so and breathed cautiously.

At the Troitsa monastery they had spoken of the past, and he had told her that if he lived he would always thank God for his wound which had brought them together again, but after that they never spoke of the future.

"Can it or can it not be?" he now thought as he looked at her and listened to the light click of the steel needles. "Can fate have brought me to her so strangely only for me to die?... Is it possible that the truth of life has been revealed to me only to show me that I have spent my life in falsity? I love her more than anything in the world! But what am I to do if I love her?" he thought, and he involuntarily groaned, from a habit acquired during his sufferings.

On hearing that sound Natasha put down the stocking, leaned nearer to him, and suddenly, noticing his shining eyes, stepped lightly up to him and bent over him.

"You are not asleep?"

"No, I have been looking at you a long time. I felt you come in. No one else gives me that sense of soft tranquillity that you do... that light. I want to weep for joy."

Natasha drew closer to him. Her face shone with rapturous joy.

"Natasha, I love you too much! More than anything in the world."

"And I!"--She turned away for an instant. "Why too much?" she asked.

"Why too much?... Well, what do you, what do you feel in your soul, your whole soul--shall I live? What do you think?"

"I am sure of it, sure!" Natasha almost shouted, taking hold of both his hands with a passionate movement.

He remained silent awhile.

"How good it would be!" and taking her hand he kissed it.

Natasha felt happy and agitated, but at once remembered that this would not do and that he had to be quiet.

"But you have not slept," she said, repressing her joy. "Try to sleep... please!"

He pressed her hand and released it, and she went back to the candle and sat down again in her former position. Twice she turned and looked at him, and her eyes met his beaming at her. She set herself a task on her stocking and resolved not to turn round till it was finished.

Soon he really shut his eyes and fell asleep. He did not sleep long and suddenly awoke with a start and in a cold perspiration.

As he fell asleep he had still been thinking of the subject that now always occupied his mind--about life and death, and chiefly about death. He felt himself nearer to it.

"Love? What is love?" he thought.

"Love hinders death. Love is life. All, everything that I understand, I understand only because I love. Everything is, everything exists, only because I love. Everything is united by it alone. Love is God, and to die means that I, a particle of love, shall return to the general and eternal source." These thoughts seemed to him comforting. But they were only thoughts. Something was lacking in them, they were not clear, they were too one-sidedly personal and brain-spun. And there was the former agitation and obscurity. He fell asleep.

He dreamed that he was lying in the room he really was in, but that he was quite well and unwounded. Many various, indifferent, and insignificant people appeared before him. He talked to them and discussed something trivial. They were preparing to go away somewhere. Prince Andrew dimly realized that all this was trivial and that he had more important cares, but he continued to speak, surprising them by empty witticisms. Gradually, unnoticed, all these persons began to disappear and a single question, that of the closed door, superseded all else. He rose and went to the door to bolt and lock it. Everything depended on whether he was, or was not, in time to lock it. He went, and tried to hurry, but his legs refused to move and he knew he would not be in time to lock the door though he painfully strained all his powers. He was seized by an agonizing fear. And that fear was the fear of death. It stood behind the door. But just when he was clumsily creeping toward the door, that dreadful something on the

other side was already pressing against it and forcing its way in. Something not human--death--was breaking in through that door, and had to be kept out. He seized the door, making a final effort to hold it back--to lock it was no longer possible--but his efforts were weak and clumsy and the door, pushed from behind by that terror, opened and closed again.

Once again it pushed from outside. His last superhuman efforts were vain and both halves of the door noiselessly opened. It entered, and it was death, and Prince Andrew died.

But at the instant he died, Prince Andrew remembered that he was asleep, and at the very instant he died, having made an effort, he awoke.

"Yes, it was death! I died--and woke up. Yes, death is an awakening!" And all at once it grew light in his soul and the veil that had till then concealed the unknown was lifted from his spiritual vision. He felt as if powers till then confined within him had been liberated, and that strange lightness did not again leave him.

When, waking in a cold perspiration, he moved on the divan, Natasha went up and asked him what was the matter. He did not answer and looked at her strangely, not understanding.

That was what had happened to him two days before Princess Mary's arrival. From that day, as the doctor expressed it, the wasting fever assumed a malignant character, but what the doctor said did not interest Natasha, she saw the terrible moral symptoms which to her were more convincing.

From that day an awakening from life came to Prince Andrew together with his awakening from sleep. And compared to the duration of life it did not seem to him slower than an awakening from sleep compared to the duration of a dream.

There was nothing terrible or violent in this comparatively slow awakening.

His last days and hours passed in an ordinary and simple way. Both Princess Mary and Natasha, who did not leave him, felt this. They did not weep or shudder and during these last days they themselves felt that they were not attending on him (he was no longer there, he had left them) but on what reminded them most closely of him--his body. Both felt this so strongly that the outward and terrible side of death did not affect them and they did not feel it necessary to foment their grief. Neither in his presence nor out of it did they weep, nor did they ever talk to one another about him. They felt that they

could not express in words what they understood.

They both saw that he was sinking slowly and quietly, deeper and deeper, away from them, and they both knew that this had to be so and that it was right.

He confessed, and received communion: everyone came to take leave of him. When they brought his son to him, he pressed his lips to the boy's and turned away, not because he felt it hard and sad (Princess Mary and Natasha understood that) but simply because he thought it was all that was required of him, but when they told him to bless the boy, he did what was demanded and looked round as if asking whether there was anything else he should do.

When the last convulsions of the body, which the spirit was leaving, occurred, Princess Mary and Natasha were present.

"Is it over?" said Princess Mary when his body had for a few minutes lain motionless, growing cold before them. Natasha went up, looked at the dead eyes, and hastened to close them. She closed them but did not kiss them, but clung to that which reminded her most nearly of him--his body.

"Where has he gone? Where is he now?..."

When the body, washed and dressed, lay in the coffin on a table, everyone came to take leave of him and they all wept.

Little Nicholas cried because his heart was rent by painful perplexity. The countess and Sonya cried from pity for Natasha and because he was no more. The old count cried because he felt that before long, he, too, must take the same terrible step.

Natasha and Princess Mary also wept now, but not because of their own personal grief; they wept with a reverent and softening emotion which had taken possession of their souls at the consciousness of the simple and solemn mystery of death that had been accomplished in their presence.

BOOK THIRTEEN: 1812

CHAPTER I

Man's mind cannot grasp the causes of events in their completeness, but the desire to find those causes is implanted in man's soul. And without considering the multiplicity and complexity of the conditions any one of which taken separately may seem to be the cause, he snatches at the first approximation to a cause that seems to him intelligible and says: "This is the cause!" In historical events (where the actions of men are the subject of observation) the first and most primitive approximation to present itself was the will of the gods and, after that, the will of those who stood in the most prominent position--the heroes of history. But we need only penetrate to the essence of any historic event--which lies in the activity of the general mass of men who take part in it--to be convinced that the will of the historic hero does not control the actions of the mass but is itself continually controlled. It may seem to be a matter of indifference whether we understand the meaning of historical events this way or that; yet there is the same difference between a man who says that the people of the West moved on the East because Napoleon wished it and a man who says that this happened because it had to happen, as there is between those who declared that the earth was stationary and that the planets moved round it and those who admitted that they did not know what upheld the earth, but knew there were laws directing its movement and that of the other planets. There is, and can be, no cause of an historical event except the one cause of all causes. But there are laws directing events, and some of these laws are known to us while we are conscious of others we cannot comprehend. The discovery of these laws is only possible when we have quite abandoned the attempt to find the cause in the will of some one man, just as the discovery of the laws of the motion of the planets was possible only when men abandoned the conception of the fixity of the earth.

The historians consider that, next to the battle of Borodino and the occupation of Moscow by the enemy and its destruction by fire, the most important episode of the war of 1812 was the movement of the Russian army from the Ryazana to the Kaluga road and to the Tarutino camp--the so-called flank march across the Krasnaya Pakhra River. They ascribe the glory of that achievement of genius to different men and dispute as to whom the honor is due. Even foreign historians, including the French, acknowledge the genius of the Russian commanders when they speak of that flank march. But it is hard to understand why military writers, and following them others, consider this flank march to be the profound conception of some one man who saved Russia and destroyed Napoleon. In the first place it is hard to understand where the profundity and genius of this movement lay, for not much

mental effort was needed to see that the best position for an army when it is not being attacked is where there are most provisions; and even a dull boy of thirteen could have guessed that the best position for an army after its retreat from Moscow in 1812 was on the Kaluga road. So it is impossible to understand by what reasoning the historians reach the conclusion that this maneuver was a profound one. And it is even more difficult to understand just why they think that this maneuver was calculated to save Russia and destroy the French; for this flank march, had it been preceded, accompanied, or followed by other circumstances, might have proved ruinous to the Russians and salutary for the French. If the position of the Russian army really began to improve from the time of that march, it does not at all follow that the march was the cause of it.

That flank march might not only have failed to give any advantage to the Russian army, but might in other circumstances have led to its destruction. What would have happened had Moscow not burned down? If Murat had not lost sight of the Russians? If Napoleon had not remained inactive? If the Russian army at Krasnaya Pakhra had given battle as Bennigsen and Barclay advised? What would have happened had the French attacked the Russians while they were marching beyond the Pakhra? What would have happened if on approaching Tarutino, Napoleon had attacked the Russians with but a tenth of the energy he had shown when he attacked them at Smolensk? What would have happened had the French moved on Petersburg?... In any of these eventualities the flank march that brought salvation might have proved disastrous.

The third and most incomprehensible thing is that people studying history deliberately avoid seeing that this flank march cannot be attributed to any one man, that no one ever foresaw it, and that in reality, like the retreat from Fili, it did not suggest itself to anyone in its entirety, but resulted--moment by moment, step by step, event by event--from an endless number of most diverse circumstances and was only seen in its entirety when it had been accomplished and belonged to the past.

At the council at Fili the prevailing thought in the minds of the Russian commanders was the one naturally suggesting itself, namely, a direct retreat by the Nizhni road. In proof of this there is the fact that the majority of the council voted for such a retreat, and above all there is the well-known conversation after the council, between the commander in chief and Lanskoj, who was in charge of the commissariat department. Lanskoj informed the commander in chief that the army supplies were for the most part stored along the Oka in the Tula and Ryazan provinces, and that if they retreated on Nizhni the army would be separated from its supplies by the broad river Oka, which cannot be crossed early in winter. This was the first indication of the necessity of deviating from what had previously

seemed the most natural course--a direct retreat on Nizhni-Novgorod. The army turned more to the south, along the Ryazan road and nearer to its supplies. Subsequently the inactivity of the French (who even lost sight of the Russian army), concern for the safety of the arsenal at Tula, and especially the advantages of drawing nearer to its supplies caused the army to turn still further south to the Tula road. Having crossed over, by a forced march, to the Tula road beyond the Pakhra, the Russian commanders intended to remain at Podolsk and had no thought of the Tarutino position; but innumerable circumstances and the reappearance of French troops who had for a time lost touch with the Russians, and projects of giving battle, and above all the abundance of provisions in Kaluga province, obliged our army to turn still more to the south and to cross from the Tula to the Kaluga road and go to Tarutino, which was between the roads along which those supplies lay. Just as it is impossible to say when it was decided to abandon Moscow, so it is impossible to say precisely when, or by whom, it was decided to move to Tarutino. Only when the army had got there, as the result of innumerable and varying forces, did people begin to assure themselves that they had desired this movement and long ago foreseen its result.

CHAPTER II

The famous flank movement merely consisted in this: after the advance of the French had ceased, the Russian army, which had been continually retreating straight back from the invaders, deviated from that direct course and, not finding itself pursued, was naturally drawn toward the district where supplies were abundant.

If instead of imagining to ourselves commanders of genius leading the Russian army, we picture that army without any leaders, it could not have done anything but make a return movement toward Moscow, describing an arc in the direction where most provisions were to be found and where the country was richest.

That movement from the Nizhni to the Ryazan, Tula, and Kaluga roads was so natural that even the Russian marauders moved in that direction, and demands were sent from Petersburg for Kutuzov to take his army that way. At Tarutino Kutuzov received what was almost a reprimand from the Emperor for having moved his army along the Ryazan road, and the Emperor's letter indicated to him the very position he had already occupied near Kaluga.

Having rolled like a ball in the direction of the impetus given by the whole campaign and by the battle of Borodino, the Russian army--when the strength of that impetus was exhausted and no fresh push was received--assumed the position natural to it.

Kutuzov's merit lay, not in any strategic maneuver of genius, as it is called, but in the fact that he alone understood the significance of what had happened. He alone then understood the meaning of the French army's inactivity, he alone continued to assert that the battle of Borodino had been a victory, he alone--who as commander in chief might have been expected to be eager to attack--employed his whole strength to restrain the Russian army from useless engagements.

The beast wounded at Borodino was lying where the fleeing hunter had left him; but whether he was still alive, whether he was strong and merely lying low, the hunter did not know. Suddenly the beast was heard to moan.

The moan of that wounded beast (the French army) which betrayed its calamitous condition was the sending of Lauriston to Kutuzov's camp with overtures for peace.

Napoleon, with his usual assurance that whatever entered his head was right, wrote to Kutuzov the first words that occurred to him, though they were meaningless.

MONSIEUR LE PRINCE KOUTOUZOV: I am sending one of my adjutants-general to discuss several interesting questions with you. I beg your Highness to credit what he says to you, especially when he expresses the sentiment of esteem and special regard I have long entertained for your person. This letter having no other object, I pray God, monsieur le Prince Koutouzov, to keep you in His holy and gracious protection!

NAPOLEON

MOSCOW, OCTOBER 30, 1812

Kutuzov replied: "I should be cursed by posterity were I looked on as the initiator of a settlement of any sort. Such is the present spirit of my nation." But he continued to exert all his powers to restrain his troops from attacking.

During the month that the French troops were pillaging in Moscow and the Russian troops were quietly encamped at Tarutino, a change had

taken place in the relative strength of the two armies--both in spirit and in number--as a result of which the superiority had passed to the Russian side. Though the condition and numbers of the French army were unknown to the Russians, as soon as that change occurred the need of attacking at once showed itself by countless signs. These signs were: Lauriston's mission; the abundance of provisions at Tarutino; the reports coming in from all sides of the inactivity and disorder of the French; the flow of recruits to our regiments; the fine weather; the long rest the Russian soldiers had enjoyed, and the impatience to do what they had been assembled for, which usually shows itself in an army that has been resting; curiosity as to what the French army, so long lost sight of, was doing; the boldness with which our outposts now scouted close up to the French stationed at Tarutino; the news of easy successes gained by peasants and guerrilla troops over the French, the envy aroused by this; the desire for revenge that lay in the heart of every Russian as long as the French were in Moscow, and (above all) a dim consciousness in every soldier's mind that the relative strength of the armies had changed and that the advantage was now on our side. There was a substantial change in the relative strength, and an advance had become inevitable. And at once, as a clock begins to strike and chime as soon as the minute hand has completed a full circle, this change was shown by an increased activity, whirring, and chiming in the higher spheres.

CHAPTER III

The Russian army was commanded by Kutuzov and his staff, and also by the Emperor from Petersburg. Before the news of the abandonment of Moscow had been received in Petersburg, a detailed plan of the whole campaign had been drawn up and sent to Kutuzov for his guidance. Though this plan had been drawn up on the supposition that Moscow was still in our hands, it was approved by the staff and accepted as a basis for action. Kutuzov only replied that movements arranged from a distance were always difficult to execute. So fresh instructions were sent for the solution of difficulties that might be encountered, as well as fresh people who were to watch Kutuzov's actions and report upon them.

Besides this, the whole staff of the Russian army was now reorganized. The posts left vacant by Bagration, who had been killed, and by Barclay, who had gone away in dudgeon, had to be filled. Very serious consideration was given to the question whether it would be better to put A in B's place and B in D's, or on the

contrary to put D in A's place, and so on--as if anything more than A's or B's satisfaction depended on this.

As a result of the hostility between Kutuzov and Bennigsen, his Chief of Staff, the presence of confidential representatives of the Emperor, and these transfers, a more than usually complicated play of parties was going on among the staff of the army. A was undermining B, D was undermining C, and so on in all possible combinations and permutations. In all these plottings the subject of intrigue was generally the conduct of the war, which all these men believed they were directing; but this affair of the war went on independently of them, as it had to go: that is, never in the way people devised, but flowing always from the essential attitude of the masses. Only in the highest spheres did all these schemes, crossings, and interminglings appear to be a true reflection of what had to happen.

Prince Michael Ilarionovich! (wrote the Emperor on the second of October in a letter that reached Kutuzov after the battle at Tarutino) Since September 2 Moscow has been in the hands of the enemy. Your last reports were written on the twentieth, and during all this time not only has no action been taken against the enemy or for the relief of the ancient capital, but according to your last report you have even retreated farther. Serpukhov is already occupied by an enemy detachment and Tula with its famous arsenal so indispensable to the army, is in danger. From General Wintzingerode's reports, I see that an enemy corps of ten thousand men is moving on the Petersburg road. Another corps of several thousand men is moving on Dmitrov. A third has advanced along the Vladimir road, and a fourth, rather considerable detachment is stationed between Ruza and Mozhaysk. Napoleon himself was in Moscow as late as the twenty-fifth. In view of all this information, when the enemy has scattered his forces in large detachments, and with Napoleon and his Guards in Moscow, is it possible that the enemy's forces confronting you are so considerable as not to allow of your taking the offensive? On the contrary, he is probably pursuing you with detachments, or at most with an army corps much weaker than the army entrusted to you. It would seem that, availing yourself of these circumstances, you might advantageously attack a weaker one and annihilate him, or at least oblige him to retreat, retaining in our hands an important part of the provinces now occupied by the enemy, and thereby averting danger from Tula and other towns in the interior. You will be responsible if the enemy is able to direct a force of any size against Petersburg to threaten this capital in which it has not been possible to retain many troops; for with the army entrusted to you, and acting with resolution and energy, you have ample means to avert this fresh calamity. Remember that you have still to answer to our offended country for the loss of Moscow. You have experienced my

readiness to reward you. That readiness will not weaken in me, but I and Russia have a right to expect from you all the zeal, firmness, and success which your intellect, military talent, and the courage of the troops you command justify us in expecting.

But by the time this letter, which proved that the real relation of the forces had already made itself felt in Petersburg, was dispatched, Kutuzov had found himself unable any longer to restrain the army he commanded from attacking and a battle had taken place.

On the second of October a Cossack, Shapovalov, who was out scouting, killed one hare and wounded another. Following the wounded hare he made his way far into the forest and came upon the left flank of Murat's army, encamped there without any precautions. The Cossack laughingly told his comrades how he had almost fallen into the hands of the French. A cornet, hearing the story, informed his commander.

The Cossack was sent for and questioned. The Cossack officers wished to take advantage of this chance to capture some horses, but one of the superior officers, who was acquainted with the higher authorities, reported the incident to a general on the staff. The state of things on the staff had of late been exceedingly strained. Ermolov had been to see Bennigsen a few days previously and had entreated him to use his influence with the commander in chief to induce him to take the offensive.

"If I did not know you I should think you did not want what you are asking for. I need only advise anything and his Highness is sure to do the opposite," replied Bennigsen.

The Cossack's report, confirmed by horse patrols who were sent out, was the final proof that events had matured. The tightly coiled spring was released, the clock began to whirr and the chimes to play. Despite all his supposed power, his intellect, his experience, and his knowledge of men, Kutuzov--having taken into consideration the Cossack's report, a note from Bennigsen who sent personal reports to the Emperor, the wishes he supposed the Emperor to hold, and the fact that all the generals expressed the same wish--could no longer check the inevitable movement, and gave the order to do what he regarded as useless and harmful--gave his approval, that is, to the accomplished fact.

CHAPTER IV

Bennigsen's note and the Cossack's information that the left flank of the French was unguarded were merely final indications that it was necessary to order an attack, and it was fixed for the fifth of October.

On the morning of the fourth of October Kutuzov signed the dispositions. Toll read them to Ermolov, asking him to attend to the further arrangements.

"All right--all right. I haven't time just now," replied Ermolov, and left the hut.

The dispositions drawn up by Toll were very good. As in the Austerlitz dispositions, it was written--though not in German this time:

"The First Column will march here and here," "the Second Column will march there and there," and so on; and on paper, all these columns arrived at their places at the appointed time and destroyed the enemy. Everything had been admirably thought out as is usual in dispositions, and as is always the case, not a single column reached its place at the appointed time.

When the necessary number of copies of the dispositions had been prepared, an officer was summoned and sent to deliver them to Ermolov to deal with. A young officer of the Horse Guards, Kutuzov's orderly, pleased at the importance of the mission entrusted to him, went to Ermolov's quarters.

"Gone away," said Ermolov's orderly.

The officer of the Horse Guards went to a general with whom Ermolov was often to be found.

"No, and the general's out too."

The officer, mounting his horse, rode off to someone else.

"No, he's gone out."

"If only they don't make me responsible for this delay! What a nuisance it is!" thought the officer, and he rode round the whole camp. One man said he had seen Ermolov ride past with some other generals, others said he must have returned home. The officer searched till six o'clock in the evening without even stopping to eat.

Ermolov was nowhere to be found and no one knew where he was. The officer snatched a little food at a comrade's, and rode again to the vanguard to find Miloradovich. Miloradovich too was away, but here he was told that he had gone to a ball at General Kikin's and that Ermolov was probably there too.

"But where is it?"

"Why, there, over at Echkino," said a Cossack officer, pointing to a country house in the far distance.

"What, outside our line?"

"They've put two regiments as outposts, and they're having such a spree there, it's awful! Two bands and three sets of singers!"

The officer rode out beyond our lines to Echkino. While still at a distance he heard as he rode the merry sounds of a soldier's dance song proceeding from the house.

"In the meadows... in the meadows!" he heard, accompanied by whistling and the sound of a torban, drowned every now and then by shouts. These sounds made his spirits rise, but at the same time he was afraid that he would be blamed for not having executed sooner the important order entrusted to him. It was already past eight o'clock. He dismounted and went up into the porch of a large country house which had remained intact between the Russian and French forces. In the refreshment room and the hall, footmen were bustling about with wine and viands. Groups of singers stood outside the windows. The officer was admitted and immediately saw all the chief generals of the army together, and among them Ermolov's big imposing figure. They all had their coats unbuttoned and were standing in a semicircle with flushed and animated faces, laughing loudly. In the middle of the room a short handsome general with a red face was dancing the trepak with much spirit and agility.

"Ha, ha, ha! Bravo, Nicholas Ivanych! Ha, ha, ha!"

The officer felt that by arriving with important orders at such a moment he was doubly to blame, and he would have preferred to wait; but one of the generals espied him and, hearing what he had come about, informed Ermolov.

Ermolov came forward with a frown on his face and, hearing what the officer had to say, took the papers from him without a word.

"You think he went off just by chance?" said a comrade, who was on

the staff that evening, to the officer of the Horse Guards, referring to Ermolov. "It was a trick. It was done on purpose to get Konovnitsyn into trouble. You'll see what a mess there'll be tomorrow."

CHAPTER V

Next day the decrepit Kutuzov, having given orders to be called early, said his prayers, dressed, and, with an unpleasant consciousness of having to direct a battle he did not approve of, got into his caleche and drove from Letashovka (a village three and a half miles from Tarutino) to the place where the attacking columns were to meet. He sat in the caleche, dozing and waking up by turns, and listening for any sound of firing on the right as an indication that the action had begun. But all was still quiet. A damp dull autumn morning was just dawning. On approaching Tarutino Kutuzov noticed cavalymen leading their horses to water across the road along which he was driving. Kutuzov looked at them searchingly, stopped his carriage, and inquired what regiment they belonged to. They belonged to a column that should have been far in front and in ambush long before then. "It may be a mistake," thought the old commander in chief. But a little further on he saw infantry regiments with their arms piled and the soldiers, only partly dressed, eating their rye porridge and carrying fuel. He sent for an officer. The officer reported that no order to advance had been received.

"How! Not rec..." Kutuzov began, but checked himself immediately and sent for a senior officer. Getting out of his caleche, he waited with drooping head and breathing heavily, pacing silently up and down. When Eykhen, the officer of the general staff whom he had summoned, appeared, Kutuzov went purple in the face, not because that officer was to blame for the mistake, but because he was an object of sufficient importance for him to vent his wrath on. Trembling and panting the old man fell into that state of fury in which he sometimes used to roll on the ground, and he fell upon Eykhen, threatening him with his hands, shouting and loading him with gross abuse. Another man, Captain Brozin, who happened to turn up and who was not at all to blame, suffered the same fate.

"What sort of another blackguard are you? I'll have you shot! Scoundrels!" yelled Kutuzov in a hoarse voice, waving his arms and reeling.

He was suffering physically. He, the commander in chief, a Serene Highness who everybody said possessed powers such as no man had ever had in Russia, to be placed in this position--made the laughingstock of the whole army! "I needn't have been in such a hurry to pray about today, or have kept awake thinking everything over all night," thought he to himself. "When I was a child of an officer no one would have dared to mock me so... and now!" He was in a state of physical suffering as if from corporal punishment, and could not avoid expressing it by cries of anger and distress. But his strength soon began to fail him, and looking about him, conscious of having said much that was amiss, he again got into his caleche and drove back in silence.

His wrath, once expended, did not return, and blinking feebly he listened to excuses and self-justifications (Ermolov did not come to see him till the next day) and to the insistence of Bennigsen, Konovnitsyn, and Toll that the movement that had miscarried should be executed next day. And once more Kutuzov had to consent.

CHAPTER VI

Next day the troops assembled in their appointed places in the evening and advanced during the night. It was an autumn night with dark purple clouds, but no rain. The ground was damp but not muddy, and the troops advanced noiselessly, only occasionally a jingling of the artillery could be faintly heard. The men were forbidden to talk out loud, to smoke their pipes, or to strike a light, and they tried to prevent their horses neighing. The secrecy of the undertaking heightened its charm and they marched gaily. Some columns, supposing they had reached their destination, halted, piled arms, and settled down on the cold ground, but the majority marched all night and arrived at places where they evidently should not have been.

Only Count Orlov-Denisov with his Cossacks (the least important detachment of all) got to his appointed place at the right time. This detachment halted at the outskirts of a forest, on the path leading from the village of Stromilova to Dmitrovsk.

Toward dawn, Count Orlov-Denisov, who had dozed off, was awakened by a deserter from the French army being brought to him. This was a Polish sergeant of Poniatowski's corps, who explained in Polish that he had come over because he had been slighted in the service: that he ought long ago to have been made an officer, that he was braver

than any of them, and so he had left them and wished to pay them out. He said that Murat was spending the night less than a mile from where they were, and that if they would let him have a convoy of a hundred men he would capture him alive. Count Orlov-Denisov consulted his fellow officers.

The offer was too tempting to be refused. Everyone volunteered to go and everybody advised making the attempt. After much disputing and arguing, Major-General Grekov with two Cossack regiments decided to go with the Polish sergeant.

"Now, remember," said Count Orlov-Denisov to the sergeant at parting, "if you have been lying I'll have you hanged like a dog; but if it's true you shall have a hundred gold pieces!"

Without replying, the sergeant, with a resolute air, mounted and rode away with Grekov whose men had quickly assembled. They disappeared into the forest, and Count Orlov-Denisov, having seen Grekov off, returned, shivering from the freshness of the early dawn and excited by what he had undertaken on his own responsibility, and began looking at the enemy camp, now just visible in the deceptive light of dawn and the dying campfires. Our columns ought to have begun to appear on an open declivity to his right. He looked in that direction, but though the columns would have been visible quite far off, they were not to be seen. It seemed to the count that things were beginning to stir in the French camp, and his keen-sighted adjutant confirmed this.

"Oh, it is really too late," said Count Orlov, looking at the camp.

As often happens when someone we have trusted is no longer before our eyes, it suddenly seemed quite clear and obvious to him that the sergeant was an impostor, that he had lied, and that the whole Russian attack would be ruined by the absence of those two regiments, which he would lead away heaven only knew where. How could one capture a commander in chief from among such a mass of troops!

"I am sure that rascal was lying," said the count.

"They can still be called back," said one of his suite, who like Count Orlov felt distrustful of the adventure when he looked at the enemy's camp.

"Eh? Really... what do you think? Should we let them go on or not?"

"Will you have them fetched back?"

"Fetch them back, fetch them back!" said Count Orlov with sudden

determination, looking at his watch. "It will be too late. It is quite light."

And the adjutant galloped through the forest after Grekov. When Grekov returned, Count Orlov-Denisov, excited both by the abandoned attempt and by vainly awaiting the infantry columns that still did not appear, as well as by the proximity of the enemy, resolved to advance. All his men felt the same excitement.

"Mount!" he commanded in a whisper. The men took their places and crossed themselves.... "Forward, with God's aid!"

"Hurrah-ah-ah!" reverberated in the forest, and the Cossack companies, trailing their lances and advancing one after another as if poured out of a sack, dashed gaily across the brook toward the camp.

One desperate, frightened yell from the first French soldier who saw the Cossacks, and all who were in the camp, undressed and only just waking up, ran off in all directions, abandoning cannons, muskets, and horses.

Had the Cossacks pursued the French, without heeding what was behind and around them, they would have captured Murat and everything there. That was what the officers desired. But it was impossible to make the Cossacks budge when once they had got booty and prisoners. None of them listened to orders. Fifteen hundred prisoners and thirty-eight guns were taken on the spot, besides standards and (what seemed most important to the Cossacks) horses, saddles, horsecloths, and the like. All this had to be dealt with, the prisoners and guns secured, the booty divided--not without some shouting and even a little themselves--and it was on this that the Cossacks all busied themselves.

The French, not being farther pursued, began to recover themselves: they formed into detachments and began firing. Orlov-Denisov, still waiting for the other columns to arrive, advanced no further.

Meantime, according to the dispositions which said that "the First Column will march" and so on, the infantry of the belated columns, commanded by Bennigsen and directed by Toll, had started in due order and, as always happens, had got somewhere, but not to their appointed places. As always happens the men, starting cheerfully, began to halt; murmurs were heard, there was a sense of confusion, and finally a backward movement. Adjutants and generals galloped about, shouted, grew angry, quarreled, said they had come quite wrong and were late, gave vent to a little abuse, and at last gave it all up and went forward, simply to get somewhere. "We shall get somewhere or

other!" And they did indeed get somewhere, though not to their right places; a few eventually even got to their right place, but too late to be of any use and only in time to be fired at. Toll, who in this battle played the part of Weyrother at Austerlitz, galloped assiduously from place to place, finding everything upside down everywhere. Thus he stumbled on Bagovut's corps in a wood when it was already broad daylight, though the corps should long before have joined Orlov-Denisov. Excited and vexed by the failure and supposing that someone must be responsible for it, Toll galloped up to the commander of the corps and began upbraiding him severely, saying that he ought to be shot. General Bagovut, a fighting old soldier of placid temperament, being also upset by all the delay, confusion, and cross-purposes, fell into a rage to everybody's surprise and quite contrary to his usual character and said disagreeable things to Toll.

"I prefer not to take lessons from anyone, but I can die with my men as well as anybody," he said, and advanced with a single division.

Coming out onto a field under the enemy's fire, this brave general went straight ahead, leading his men under fire, without considering in his agitation whether going into action now, with a single division, would be of any use or no. Danger, cannon balls, and bullets were just what he needed in his angry mood. One of the first bullets killed him, and other bullets killed many of his men. And his division remained under fire for some time quite uselessly.

CHAPTER VII

Meanwhile another column was to have attacked the French from the front, but Kutuzov accompanied that column. He well knew that nothing but confusion would come of this battle undertaken against his will, and as far as was in his power held the troops back. He did not advance.

He rode silently on his small gray horse, indolently answering suggestions that they should attack.

"The word attack is always on your tongue, but you don't see that we are unable to execute complicated maneuvers," said he to Miloradovich who asked permission to advance.

"We couldn't take Murat prisoner this morning or get to the place in time, and nothing can be done now!" he replied to someone else.

When Kutuzov was informed that at the French rear--where according to the reports of the Cossacks there had previously been nobody--there were now two battalions of Poles, he gave a sidelong glance at Ermolov who was behind him and to whom he had not spoken since the previous day.

"You see! They are asking to attack and making plans of all kinds, but as soon as one gets to business nothing is ready, and the enemy, forewarned, takes measures accordingly."

Ermolov screwed up his eyes and smiled faintly on hearing these words. He understood that for him the storm had blown over, and that Kutuzov would content himself with that hint.

"He's having a little fun at my expense," said Ermolov softly, nudging with his knee Raevski who was at his side.

Soon after this, Ermolov moved up to Kutuzov and respectfully remarked:

"It is not too late yet, your Highness--the enemy has not gone away--if you were to order an attack! If not, the Guards will not so much as see a little smoke."

Kutuzov did not reply, but when they reported to him that Murat's troops were in retreat he ordered an advance, though at every hundred paces he halted for three quarters of an hour.

The whole battle consisted in what Orlov-Denisov's Cossacks had done: the rest of the army merely lost some hundreds of men uselessly.

In consequence of this battle Kutuzov received a diamond decoration, and Bennigsen some diamonds and a hundred thousand rubles, others also received pleasant recognitions corresponding to their various grades, and following the battle fresh changes were made in the staff.

"That's how everything is done with us, all topsy-turvy!" said the Russian officers and generals after the Tarutino battle, letting it be understood that some fool there is doing things all wrong but that we ourselves should not have done so, just as people speak today. But people who talk like that either do not know what they are talking about or deliberately deceive themselves. No battle--Tarutino, Borodino, or Austerlitz--takes place as those who planned it anticipated. That is an essential condition.

A countless number of free forces (for nowhere is man freer than during a battle, where it is a question of life and death) influence

the course taken by the fight, and that course never can be known in advance and never coincides with the direction of any one force.

If many simultaneously and variously directed forces act on a given body, the direction of its motion cannot coincide with any one of those forces, but will always be a mean--what in mechanics is represented by the diagonal of a parallelogram of forces.

If in the descriptions given by historians, especially French ones, we find their wars and battles carried out in accordance with previously formed plans, the only conclusion to be drawn is that those descriptions are false.

The battle of Tarutino obviously did not attain the aim Toll had in view--to lead the troops into action in the order prescribed by the dispositions; nor that which Count Orlov-Denisov may have had in view--to take Murat prisoner; nor the result of immediately destroying the whole corps, which Bennigsen and others may have had in view; nor the aim of the officer who wished to go into action to distinguish himself; nor that of the Cossack who wanted more booty than he got, and so on. But if the aim of the battle was what actually resulted and what all the Russians of that day desired--to drive the French out of Russia and destroy their army--it is quite clear that the battle of Tarutino, just because of its incongruities, was exactly what was wanted at that stage of the campaign. It would be difficult and even impossible to imagine any result more opportune than the actual outcome of this battle. With a minimum of effort and insignificant losses, despite the greatest confusion, the most important results of the whole campaign were attained: the transition from retreat to advance, an exposure of the weakness of the French, and the administration of that shock which Napoleon's army had only awaited to begin its flight.

CHAPTER VIII

Napoleon enters Moscow after the brilliant victory de la Moskowa; there can be no doubt about the victory for the battlefield remains in the hands of the French. The Russians retreat and abandon their ancient capital. Moscow, abounding in provisions, arms, munitions, and incalculable wealth, is in Napoleon's hands. The Russian army, only half the strength of the French, does not make a single attempt to attack for a whole month. Napoleon's position is most brilliant. He can either fall on the Russian army with double its strength and

destroy it; negotiate an advantageous peace, or in case of a refusal make a menacing move on Petersburg, or even, in the case of a reverse, return to Smolensk or Vilna; or remain in Moscow; in short, no special genius would seem to be required to retain the brilliant position the French held at that time. For that, only very simple and easy steps were necessary: not to allow the troops to loot, to prepare winter clothing--of which there was sufficient in Moscow for the whole army--and methodically to collect the provisions, of which (according to the French historians) there were enough in Moscow to supply the whole army for six months. Yet Napoleon, that greatest of all geniuses, who the historians declare had control of the army, took none of these steps.

He not merely did nothing of the kind, but on the contrary he used his power to select the most foolish and ruinous of all the courses open to him. Of all that Napoleon might have done: wintering in Moscow, advancing on Petersburg or on Nizhni-Novgorod, or retiring by a more northerly or more southerly route (say by the road Kutuzov afterwards took), nothing more stupid or disastrous can be imagined than what he actually did. He remained in Moscow till October, letting the troops plunder the city; then, hesitating whether to leave a garrison behind him, he quitted Moscow, approached Kutuzov without joining battle, turned to the right and reached Malo-Yaroslavets, again without attempting to break through and take the road Kutuzov took, but retiring instead to Mozhaysk along the devastated Smolensk road. Nothing more stupid than that could have been devised, or more disastrous for the army, as the sequel showed. Had Napoleon's aim been to destroy his army, the most skillful strategist could hardly have devised any series of actions that would so completely have accomplished that purpose, independently of anything the Russian army might do.

Napoleon, the man of genius, did this! But to say that he destroyed his army because he wished to, or because he was very stupid, would be as unjust as to say that he had brought his troops to Moscow because he wished to and because he was very clever and a genius.

In both cases his personal activity, having no more force than the personal activity of any soldier, merely coincided with the laws that guided the event.

The historians quite falsely represent Napoleon's faculties as having weakened in Moscow, and do so only because the results did not justify his actions. He employed all his ability and strength to do the best he could for himself and his army, as he had done previously and as he did subsequently in 1813. His activity at that

time was no less astounding than it was in Egypt, in Italy, in Austria, and in Prussia. We do not know for certain in how far his genius was genuine in Egypt--where forty centuries looked down upon his grandeur--for his great exploits there are all told us by Frenchmen. We cannot accurately estimate his genius in Austria or Prussia, for we have to draw our information from French or German sources, and the incomprehensible surrender of whole corps without fighting and of fortresses without a siege must incline Germans to recognize his genius as the only explanation of the war carried on in Germany. But we, thank God, have no need to recognize his genius in order to hide our shame. We have paid for the right to look at the matter plainly and simply, and we will not abandon that right.

His activity in Moscow was as amazing and as full of genius as elsewhere. Order after order and plan after plan were issued by him from the time he entered Moscow till the time he left it. The absence of citizens and of a deputation, and even the burning of Moscow, did not disconcert him. He did not lose sight either of the welfare of his army or of the doings of the enemy, or of the welfare of the people of Russia, or of the direction of affairs in Paris, or of diplomatic considerations concerning the terms of the anticipated peace.

CHAPTER IX

With regard to military matters, Napoleon immediately on his entry into Moscow gave General Sabastiani strict orders to observe the movements of the Russian army, sent army corps out along the different roads, and charged Murat to find Kutuzov. Then he gave careful directions about the fortification of the Kremlin, and drew up a brilliant plan for a future campaign over the whole map of Russia.

With regard to diplomatic questions, Napoleon summoned Captain Yakovlev, who had been robbed and was in rags and did not know how to get out of Moscow, minutely explained to him his whole policy and his magnanimity, and having written a letter to the Emperor Alexander in which he considered it his duty to inform his Friend and Brother that Rostopchin had managed affairs badly in Moscow, he dispatched Yakovlev to Petersburg.

Having similarly explained his views and his magnanimity to Tutolmin, he dispatched that old man also to Petersburg to negotiate.

With regard to legal matters, immediately after the fires he gave orders to find and execute the incendiaries. And the scoundrel Rostopchin was punished by an order to burn down his houses.

With regard to administrative matters, Moscow was granted a constitution. A municipality was established and the following announcement issued:

INHABITANTS OF MOSCOW!

Your misfortunes are cruel, but His Majesty the Emperor and King desires to arrest their course. Terrible examples have taught you how he punishes disobedience and crime. Strict measures have been taken to put an end to disorder and to re-establish public security. A paternal administration, chosen from among yourselves, will form your municipality or city government. It will take care of you, of your needs, and of your welfare. Its members will be distinguished by a red ribbon worn across the shoulder, and the mayor of the city will wear a white belt as well. But when not on duty they will only wear a red ribbon round the left arm.

The city police is established on its former footing, and better order already prevails in consequence of its activity. The government has appointed two commissaries general, or chiefs of police, and twenty commissaries or captains of wards have been appointed to the different wards of the city. You will recognize them by the white ribbon they will wear on the left arm. Several churches of different denominations are open, and divine service is performed in them unhindered. Your fellow citizens are returning every day to their homes, and orders have been given that they should find in them the help and protection due to their misfortunes. These are the measures the government has adopted to re-establish order and relieve your condition. But to achieve this aim it is necessary that you should add your efforts and should, if possible, forget the misfortunes you have suffered, should entertain the hope of a less cruel fate, should be certain that inevitable and ignominious death awaits those who make any attempt on your persons or on what remains of your property, and finally that you should not doubt that these will be safeguarded, since such is the will of the greatest and most just of monarchs. Soldiers and citizens, of whatever nation you may be, re-establish public confidence, the source of the welfare of a state, live like brothers, render mutual aid and protection one to another, unite to defeat the intentions of the evil-minded, obey the military and civil authorities, and your tears will soon cease to flow!

With regard to supplies for the army, Napoleon decreed that all the troops in turn should enter Moscow a la maraude* to obtain provisions for themselves, so that the army might have its future provided for.

*As looters.

With regard to religion, Napoleon ordered the priests to be brought back and services to be again performed in the churches.

With regard to commerce and to provisioning the army, the following was placarded everywhere:

PROCLAMATION!

You, peaceful inhabitants of Moscow, artisans and workmen whom misfortune has driven from the city, and you scattered tillers of the soil, still kept out in the fields by groundless fear, listen! Tranquillity is returning to this capital and order is being restored in it. Your fellow countrymen are emerging boldly from their hiding places on finding that they are respected. Any violence to them or to their property is promptly punished. His Majesty the Emperor and King protects them, and considers no one among you his enemy except those who disobey his orders. He desires to end your misfortunes and restore you to your homes and families. Respond, therefore, to his benevolent intentions and come to us without fear. Inhabitants, return with confidence to your abodes! You will soon find means of satisfying your needs. Craftsmen and industrious artisans, return to your work, your houses, your shops, where the protection of guards awaits you! You shall receive proper pay for your work. And lastly you too, peasants, come from the forests where you are hiding in terror, return to your huts without fear, in full assurance that you will find protection! Markets are established in the city where peasants can bring their surplus supplies and the products of the soil. The government has taken the following steps to ensure freedom of sale for them: (1) From today, peasants, husbandmen, and those living in the neighborhood of Moscow may without any danger bring their supplies of all kinds to two appointed markets, of which one is on the Mokhovaya Street and the other at the Provision Market. (2) Such supplies will be bought from them at such prices as seller and buyer may agree on, and if a seller is unable to obtain a fair price he will be free to take his goods back to his village and no one may hinder him under any pretense. (3) Sunday and Wednesday of each week are appointed as the chief market days and to that end a sufficient number of troops will be stationed along the highroads on

Tuesdays and Saturdays at such distances from the town as to protect the carts. (4) Similar measures will be taken that peasants with their carts and horses may meet with no hindrance on their return journey. (5) Steps will immediately be taken to re-establish ordinary trading.

Inhabitants of the city and villages, and you, workingmen and artisans, to whatever nation you belong, you are called on to carry out the paternal intentions of His Majesty the Emperor and King and to co-operate with him for the public welfare! Lay your respect and confidence at his feet and do not delay to unite with us!

With the object of raising the spirits of the troops and of the people, reviews were constantly held and rewards distributed. The Emperor rode through the streets to comfort the inhabitants, and, despite his preoccupation with state affairs, himself visited the theaters that were established by his order.

In regard to philanthropy, the greatest virtue of crowned heads, Napoleon also did all in his power. He caused the words *Maison de ma Mere* to be inscribed on the charitable institutions, thereby combining tender filial affection with the majestic benevolence of a monarch. He visited the Foundling Hospital and, allowing the orphans saved by him to kiss his white hands, graciously conversed with Tutolmin. Then, as Thiers eloquently recounts, he ordered his soldiers to be paid in forged Russian money which he had prepared: "Raising the use of these means by an act worthy of himself and of the French army, he let relief be distributed to those who had been burned out. But as food was too precious to be given to foreigners, who were for the most part enemies, Napoleon preferred to supply them with money with which to purchase food from outside, and had paper rubles distributed to them."

With reference to army discipline, orders were continually being issued to inflict severe punishment for the nonperformance of military duties and to suppress robbery.

CHAPTER X

But strange to say, all these measures, efforts, and plans--which were not at all worse than others issued in similar circumstances--did not affect the essence of the matter but, like the hands of a clock detached from the mechanism, swung about in an arbitrary and aimless way without engaging the cogwheels.

With reference to the military side--the plan of campaign--that work of genius of which Thiers remarks that, "His genius never devised anything more profound, more skillful, or more admirable," and enters into a polemic with M. Fain to prove that this work of genius must be referred not to the fourth but to the fifteenth of October--that plan never was or could be executed, for it was quite out of touch with the facts of the case. The fortifying of the Kremlin, for which la Mosquee (as Napoleon termed the church of Basil the Beatified) was to have been razed to the ground, proved quite useless. The mining of the Kremlin only helped toward fulfilling Napoleon's wish that it should be blown up when he left Moscow--as a child wants the floor on which he has hurt himself to be beaten. The pursuit of the Russian army, about which Napoleon was so concerned, produced an unheard-of result. The French generals lost touch with the Russian army of sixty thousand men, and according to Thiers it was only eventually found, like a lost pin, by the skill--and apparently the genius--of Murat.

With reference to diplomacy, all Napoleon's arguments as to his magnanimity and justice, both to Tutolmin and to Yakovlev (whose chief concern was to obtain a greatcoat and a conveyance), proved useless; Alexander did not receive these envoys and did not reply to their embassy.

With regard to legal matters, after the execution of the supposed incendiaries the rest of Moscow burned down.

With regard to administrative matters, the establishment of a municipality did not stop the robberies and was only of use to certain people who formed part of that municipality and under pretext of preserving order looted Moscow or saved their own property from being looted.

With regard to religion, as to which in Egypt matters had so easily been settled by Napoleon's visit to a mosque, no results were achieved. Two or three priests who were found in Moscow did try to carry out Napoleon's wish, but one of them was slapped in the face by a French soldier while conducting service, and a French official reported of another that: "The priest whom I found and invited to say Mass cleaned and locked up the church. That night the doors were again broken open, the padlocks smashed, the books mutilated, and other disorders perpetrated."

With reference to commerce, the proclamation to industrious workmen and to peasants evoked no response. There were no industrious workmen, and the peasants caught the commissaries who ventured too far out of town with the proclamation and killed them.

As to the theaters for the entertainment of the people and the troops, these did not meet with success either. The theaters set up in the Kremlin and in Posnyakov's house were closed again at once because the actors and actresses were robbed.

Even philanthropy did not have the desired effect. The genuine as well as the false paper money which flooded Moscow lost its value. The French, collecting booty, cared only for gold. Not only was the paper money valueless which Napoleon so graciously distributed to the unfortunate, but even silver lost its value in relation to gold.

But the most amazing example of the ineffectiveness of the orders given by the authorities at that time was Napoleon's attempt to stop the looting and re-establish discipline.

This is what the army authorities were reporting:

"Looting continues in the city despite the decrees against it. Order is not yet restored and not a single merchant is carrying on trade in a lawful manner. The sutlers alone venture to trade, and they sell stolen goods."

"The neighborhood of my ward continues to be pillaged by soldiers of the 3rd Corps who, not satisfied with taking from the unfortunate inhabitants hiding in the cellars the little they have left, even have the ferocity to wound them with their sabers, as I have repeatedly witnessed."

"Nothing new, except that the soldiers are robbing and pillaging--October 9."

"Robbery and pillaging continue. There is a band of thieves in our district who ought to be arrested by a strong force--October 11."

"The Emperor is extremely displeased that despite the strict orders to stop pillage, parties of marauding Guards are continually seen returning to the Kremlin. Among the Old Guard disorder and pillage were renewed more violently than ever yesterday evening, last night, and today. The Emperor sees with regret that the picked soldiers appointed to guard his person, who should set an example of discipline, carry disobedience to such a point that they break into the cellars and stores containing army supplies. Others have disgraced themselves to the extent of disobeying sentinels and officers, and have abused and beaten them."

"The Grand Marshal of the palace," wrote the governor, "complains bitterly that in spite of repeated orders, the soldiers continue to

commit nuisances in all the courtyards and even under the very windows of the Emperor."

That army, like a herd of cattle run wild and trampling underfoot the provender which might have saved it from starvation, disintegrated and perished with each additional day it remained in Moscow. But it did not go away.

It began to run away only when suddenly seized by a panic caused by the capture of transport trains on the Smolensk road, and by the battle of Tarutino. The news of that battle of Tarutino, unexpectedly received by Napoleon at a review, evoked in him a desire to punish the Russians (Thiers says), and he issued the order for departure which the whole army was demanding.

Fleeing from Moscow the soldiers took with them everything they had stolen. Napoleon, too, carried away his own personal treasure, but on seeing the baggage trains that impeded the army, he was (Thiers says) horror-struck. And yet with his experience of war he did not order all the superfluous vehicles to be burned, as he had done with those of a certain marshal when approaching Moscow. He gazed at the caleches and carriages in which soldiers were riding and remarked that it was a very good thing, as those vehicles could be used to carry provisions, the sick, and the wounded.

The plight of the whole army resembled that of a wounded animal which feels it is perishing and does not know what it is doing. To study the skillful tactics and aims of Napoleon and his army from the time it entered Moscow till it was destroyed is like studying the dying leaps and shudders of a mortally wounded animal. Very often a wounded animal, hearing a rustle, rushes straight at the hunter's gun, runs forward and back again, and hastens its own end. Napoleon, under pressure from his whole army, did the same thing. The rustle of the battle of Tarutino frightened the beast, and it rushed forward onto the hunter's gun, reached him, turned back, and finally--like any wild beast--ran back along the most disadvantageous and dangerous path, where the old scent was familiar.

During the whole of that period Napoleon, who seems to us to have been the leader of all these movements--as the figurehead of a ship may seem to a savage to guide the vessel--acted like a child who, holding a couple of strings inside a carriage, thinks he is driving it.

CHAPTER XI

Early in the morning of the sixth of October Pierre went out of the shed, and on returning stopped by the door to play with a little blue-gray dog, with a long body and short bandy legs, that jumped about him. This little dog lived in their shed, sleeping beside Karataev at night; it sometimes made excursions into the town but always returned again. Probably it had never had an owner, and it still belonged to nobody and had no name. The French called it Azor; the soldier who told stories called it Femgalka; Karataev and others called it Gray, or sometimes Flabby. Its lack of a master, a name, or even of a breed or any definite color did not seem to trouble the blue-gray dog in the least. Its furry tail stood up firm and round as a plume, its bandy legs served it so well that it would often gracefully lift a hind leg and run very easily and quickly on three legs, as if disdainfully to use all four. Everything pleased it. Now it would roll on its back, yelping with delight, now bask in the sun with a thoughtful air of importance, and now frolic about playing with a chip of wood or a straw.

Pierre's attire by now consisted of a dirty torn shirt (the only remnant of his former clothing), a pair of soldier's trousers which by Karataev's advice he tied with string round the ankles for warmth, and a peasant coat and cap. Physically he had changed much during this time. He no longer seemed stout, though he still had the appearance of solidity and strength hereditary in his family. A beard and mustache covered the lower part of his face, and a tangle of hair, infested with lice, curled round his head like a cap. The look of his eyes was resolute, calm, and animatedly alert, as never before. The former slackness which had shown itself even in his eyes was now replaced by an energetic readiness for action and resistance. His feet were bare.

Pierre first looked down the field across which vehicles and horsemen were passing that morning, then into the distance across the river, then at the dog who was pretending to be in earnest about biting him, and then at his bare feet which he placed with pleasure in various positions, moving his dirty thick big toes. Every time he looked at his bare feet a smile of animated self-satisfaction flitted across his face. The sight of them reminded him of all he had experienced and learned during these weeks and this recollection was pleasant to him.

For some days the weather had been calm and clear with slight frosts in the mornings--what is called an "old wives' summer."

In the sunshine the air was warm, and that warmth was particularly

pleasant with the invigorating freshness of the morning frost still in the air.

On everything--far and near--lay the magic crystal glitter seen only at that time autumn. The Sparrow Hills were visible in the distance, with the village, the church, and the large white house. The bare trees, the sand, the bricks and roofs of the houses, the green church spire, and the corners of the white house in the distance, all stood out in the transparent air in most delicate outline and with unnatural clearness. Near by could be seen the familiar ruins of a half-burned mansion occupied by the French, with lilac bushes still showing dark green beside the fence. And even that ruined and befouled house--which in dull weather was repulsively ugly--seemed quietly beautiful now, in the clear, motionless brilliance.

A French corporal, with coat unbuttoned in a homely way, a skullcap on his head, and a short pipe in his mouth, came from behind a corner of the shed and approached Pierre with a friendly wink.

"What sunshine, Monsieur Kiril!" (Their name for Pierre.) "Eh? Just like spring!"

And the corporal leaned against the door and offered Pierre his pipe, though whenever he offered it Pierre always declined it.

"To be on the march in such weather..." he began.

Pierre inquired what was being said about leaving, and the corporal told him that nearly all the troops were starting and there ought to be an order about the prisoners that day. Sokolov, one of the soldiers in the shed with Pierre, was dying, and Pierre told the corporal that something should be done about him. The corporal replied that Pierre need not worry about that as they had an ambulance and a permanent hospital and arrangements would be made for the sick, and that in general everything that could happen had been foreseen by the authorities.

"Besides, Monsieur Kiril, you have only to say a word to the captain, you know. He is a man who never forgets anything. Speak to the captain when he makes his round, he will do anything for you."

(The captain of whom the corporal spoke often had long chats with Pierre and showed him all sorts of favors.)

"You see, St. Thomas,' he said to me the other day. 'Monsieur Kiril is a man of education, who speaks French. He is a Russian seigneur who has had misfortunes, but he is a man. He knows what's what.... If he

wants anything and asks me, he won't get a refusal. When one has studied, you see, one likes education and well-bred people.' It is for your sake I mention it, Monsieur Kiril. The other day if it had not been for you that affair would have ended ill."

And after chatting a while longer, the corporal went away. (The affair he had alluded to had happened a few days before--a fight between the prisoners and the French soldiers, in which Pierre had succeeded in pacifying his comrades.) Some of the prisoners who had heard Pierre talking to the corporal immediately asked what the Frenchman had said. While Pierre was repeating what he had been told about the army leaving Moscow, a thin, sallow, tattered French soldier came up to the door of the shed. Rapidly and timidly raising his fingers to his forehead by way of greeting, he asked Pierre whether the soldier Platoche to whom he had given a shirt to sew was in that shed.

A week before the French had had boot leather and linen issued to them, which they had given out to the prisoners to make up into boots and shirts for them.

"Ready, ready, dear fellow!" said Karataev, coming out with a neatly folded shirt.

Karataev, on account of the warm weather and for convenience at work, was wearing only trousers and a tattered shirt as black as soot. His hair was bound round, workman fashion, with a wisp of lime-tree bast, and his round face seemed rounder and pleasanter than ever.

"A promise is own brother to performance! I said Friday and here it is, ready," said Platon, smiling and unfolding the shirt he had sewn.

The Frenchman glanced around uneasily and then, as if overcoming his hesitation, rapidly threw off his uniform and put on the shirt. He had a long, greasy, flowered silk waistcoat next to his sallow, thin bare body, but no shirt. He was evidently afraid the prisoners looking on would laugh at him, and thrust his head into the shirt hurriedly. None of the prisoners said a word.

"See, it fits well!" Platon kept repeating, pulling the shirt straight.

The Frenchman, having pushed his head and hands through, without raising his eyes, looked down at the shirt and examined the seams.

"You see, dear man, this is not a sewing shop, and I had no proper tools; and, as they say, one needs a tool even to kill a louse,"

said Platon with one of his round smiles, obviously pleased with his work.

"It's good, quite good, thank you," said the Frenchman, in French, "but there must be some linen left over.

"It will fit better still when it sets to your body," said Karataev, still admiring his handiwork. "You'll be nice and comfortable...."

"Thanks, thanks, old fellow.... But the bits left over?" said the Frenchman again and smiled. He took out an assignation ruble note and gave it to Karataev. "But give me the pieces that are over."

Pierre saw that Platon did not want to understand what the Frenchman was saying, and he looked on without interfering. Karataev thanked the Frenchman for the money and went on admiring his own work. The Frenchman insisted on having the pieces returned that were left over and asked Pierre to translate what he said.

"What does he want the bits for?" said Karataev. "They'd make fine leg bands for us. Well, never mind."

And Karataev, with a suddenly changed and saddened expression, took a small bundle of scraps from inside his shirt and gave it to the Frenchman without looking at him. "Oh dear!" muttered Karataev and went away. The Frenchman looked at the linen, considered for a moment, then looked inquiringly at Pierre and, as if Pierre's look had told him something, suddenly blushed and shouted in a squeaky voice:

"Platoche! Eh, Platoche! Keep them yourself!" And handing back the odd bits he turned and went out.

"There, look at that," said Karataev, swaying his head. "People said they were not Christians, but they too have souls. It's what the old folk used to say: 'A sweating hand's an open hand, a dry hand's close.' He's naked, but yet he's given it back."

Karataev smiled thoughtfully and was silent awhile looking at the pieces.

"But they'll make grand leg bands, dear friend," he said, and went back into the shed.

CHAPTER XII

Four weeks had passed since Pierre had been taken prisoner and though the French had offered to move him from the men's to the officers' shed, he had stayed in the shed where he was first put.

In burned and devastated Moscow Pierre experienced almost the extreme limits of privation a man can endure; but thanks to his physical strength and health, of which he had till then been unconscious, and thanks especially to the fact that the privations came so gradually that it was impossible to say when they began, he endured his position not only lightly but joyfully. And just at this time he obtained the tranquillity and ease of mind he had formerly striven in vain to reach. He had long sought in different ways that tranquillity of mind, that inner harmony which had so impressed him in the soldiers at the battle of Borodino. He had sought it in philanthropy, in Freemasonry, in the dissipations of town life, in wine, in heroic feats of self-sacrifice, and in romantic love for Natasha; he had sought it by reasoning--and all these quests and experiments had failed him. And now without thinking about it he had found that peace and inner harmony only through the horror of death, through privation, and through what he recognized in Karataev.

Those dreadful moments he had lived through at the executions had as it were forever washed away from his imagination and memory the agitating thoughts and feelings that had formerly seemed so important. It did not now occur to him to think of Russia, or the war, or politics, or Napoleon. It was plain to him that all these things were no business of his, and that he was not called on to judge concerning them and therefore could not do so. "Russia and summer weather are not bound together," he thought, repeating words of Karataev's which he found strangely consoling. His intention of killing Napoleon and his calculations of the cabalistic number of the beast of the Apocalypse now seemed to him meaningless and even ridiculous. His anger with his wife and anxiety that his name should not be smirched now seemed not merely trivial but even amusing. What concern was it of his that somewhere or other that woman was leading the life she preferred? What did it matter to anybody, and especially to him, whether or not they found out that their prisoner's name was Count Bezukhov?

He now often remembered his conversation with Prince Andrew and quite agreed with him, though he understood Prince Andrew's thoughts somewhat differently. Prince Andrew had thought and said that happiness could only be negative, but had said it with a shade of bitterness and irony as though he was really saying that all desire for positive happiness is implanted in us merely to torment us and never be satisfied. But Pierre believed it without any mental

reservation. The absence of suffering, the satisfaction of one's needs and consequent freedom in the choice of one's occupation, that is, of one's way of life, now seemed to Pierre to be indubitably man's highest happiness. Here and now for the first time he fully appreciated the enjoyment of eating when he wanted to eat, drinking when he wanted to drink, sleeping when he wanted to sleep, of warmth when he was cold, of talking to a fellow man when he wished to talk and to hear a human voice. The satisfaction of one's needs--good food, cleanliness, and freedom--now that he was deprived of all this, seemed to Pierre to constitute perfect happiness; and the choice of occupation, that is, of his way of life--now that that was so restricted--seemed to him such an easy matter that he forgot that a superfluity of the comforts of life destroys all joy in satisfying one's needs, while great freedom in the choice of occupation--such freedom as his wealth, his education, and his social position had given him in his own life--is just what makes the choice of occupation insolubly difficult and destroys the desire and possibility of having an occupation.

All Pierre's daydreams now turned on the time when he would be free. Yet subsequently, and for the rest of his life, he thought and spoke with enthusiasm of that month of captivity, of those irrecoverable, strong, joyful sensations, and chiefly of the complete peace of mind and inner freedom which he experienced only during those weeks.

When on the first day he got up early, went out of the shed at dawn, and saw the cupolas and crosses of the New Convent of the Virgin still dark at first, the hoarfrost on the dusty grass, the Sparrow Hills, and the wooded banks above the winding river vanishing in the purple distance, when he felt the contact of the fresh air and heard the noise of the crows flying from Moscow across the field, and when afterwards light gleamed from the east and the sun's rim appeared solemnly from behind a cloud, and the cupolas and crosses, the hoarfrost, the distance and the river, all began to sparkle in the glad light--Pierre felt a new joy and strength in life such as he had never before known. And this not only stayed with him during the whole of his imprisonment, but even grew in strength as the hardships of his position increased.

That feeling of alertness and of readiness for anything was still further strengthened in him by the high opinion his fellow prisoners formed of him soon after his arrival at the shed. With his knowledge of languages, the respect shown him by the French, his simplicity, his readiness to give anything asked of him (he received the allowance of three rubles a week made to officers); with his strength, which he showed to the soldiers by pressing nails into the walls of the hut; his gentleness to his companions, and his capacity for sitting still and thinking without doing anything (which seemed to them

incomprehensible), he appeared to them a rather mysterious and superior being. The very qualities that had been a hindrance, if not actually harmful, to him in the world he had lived in--his strength, his disdain for the comforts of life, his absent-mindedness and simplicity--here among these people gave him almost the status of a hero. And Pierre felt that their opinion placed responsibilities upon him.

CHAPTER XIII

The French evacuation began on the night between the sixth and seventh of October: kitchens and sheds were dismantled, carts loaded, and troops and baggage trains started.

At seven in the morning a French convoy in marching trim, wearing shakos and carrying muskets, knapsacks, and enormous sacks, stood in front of the sheds, and animated French talk mingled with curses sounded all along the lines.

In the shed everyone was ready, dressed, belted, shod, and only awaited the order to start. The sick soldier, Sokolov, pale and thin with dark shadows round his eyes, alone sat in his place barefoot and not dressed. His eyes, prominent from the emaciation of his face, gazed inquiringly at his comrades who were paying no attention to him, and he moaned regularly and quietly. It was evidently not so much his sufferings that caused him to moan (he had dysentery) as his fear and grief at being left alone.

Pierre, girt with a rope round his waist and wearing shoes Karataev had made for him from some leather a French soldier had torn off a tea chest and brought to have his boots mended with, went up to the sick man and squatted down beside him.

"You know, Sokolov, they are not all going away! They have a hospital here. You may be better off than we others," said Pierre.

"O Lord! Oh, it will be the death of me! O Lord!" moaned the man in a louder voice.

"I'll go and ask them again directly," said Pierre, rising and going to the door of the shed.

Just as Pierre reached the door, the corporal who had offered him a pipe the day before came up to it with two soldiers. The corporal

and soldiers were in marching kit with knapsacks and shakos that had metal straps, and these changed their familiar faces.

The corporal came, according to orders, to shut the door. The prisoners had to be counted before being let out.

"Corporal, what will they do with the sick man?..." Pierre began.

But even as he spoke he began to doubt whether this was the corporal he knew or a stranger, so unlike himself did the corporal seem at that moment. Moreover, just as Pierre was speaking a sharp rattle of drums was suddenly heard from both sides. The corporal frowned at Pierre's words and, uttering some meaningless oaths, slammed the door. The shed became semidark, and the sharp rattle of the drums on two sides drowned the sick man's groans.

"There it is!... It again!..." said Pierre to himself, and an involuntary shudder ran down his spine. In the corporal's changed face, in the sound of his voice, in the stirring and deafening noise of the drums, he recognized that mysterious, callous force which compelled people against their will to kill their fellow men--that force the effect of which he had witnessed during the executions. To fear or to try to escape that force, to address entreaties or exhortations to those who served as its tools, was useless. Pierre knew this now. One had to wait and endure. He did not again go to the sick man, nor turn to look at him, but stood frowning by the door of the hut.

When that door was opened and the prisoners, crowding against one another like a flock of sheep, squeezed into the exit, Pierre pushed his way forward and approached that very captain who as the corporal had assured him was ready to do anything for him. The captain was also in marching kit, and on his cold face appeared that same it which Pierre had recognized in the corporal's words and in the roll of the drums.

"Pass on, pass on!" the captain reiterated, frowning sternly, and looking at the prisoners who thronged past him.

Pierre went up to him, though he knew his attempt would be vain.

"What now?" the officer asked with a cold look as if not recognizing Pierre.

Pierre told him about the sick man.

"He'll manage to walk, devil take him!" said the captain. "Pass on, pass on!" he continued without looking at Pierre.

"But he is dying," Pierre again began.

"Be so good..." shouted the captain, frowning angrily.

"Dram-da-da-dam, dam-dam..." rattled the drums, and Pierre understood that this mysterious force completely controlled these men and that it was now useless to say any more.

The officer prisoners were separated from the soldiers and told to march in front. There were about thirty officers, with Pierre among them, and about three hundred men.

The officers, who had come from the other sheds, were all strangers to Pierre and much better dressed than he. They looked at him and at his shoes mistrustfully, as at an alien. Not far from him walked a fat major with a sallow, bloated, angry face, who was wearing a Kazan dressing gown tied round with a towel, and who evidently enjoyed the respect of his fellow prisoners. He kept one hand, in which he clasped his tobacco pouch, inside the bosom of his dressing gown and held the stem of his pipe firmly with the other. Panting and puffing, the major grumbled and growled at everybody because he thought he was being pushed and that they were all hurrying when they had nowhere to hurry to and were all surprised at something when there was nothing to be surprised at. Another, a thin little officer, was speaking to everyone, conjecturing where they were now being taken and how far they would get that day. An official in felt boots and wearing a commissariat uniform ran round from side to side and gazed at the ruins of Moscow, loudly announcing his observations as to what had been burned down and what this or that part of the city was that they could see. A third officer, who by his accent was a Pole, disputed with the commissariat officer, arguing that he was mistaken in his identification of the different wards of Moscow.

"What are you disputing about?" said the major angrily. "What does it matter whether it is St. Nicholas or St. Blasius? You see it's burned down, and there's an end of it.... What are you pushing for? Isn't the road wide enough?" said he, turning to a man behind him who was not pushing him at all.

"Oh, oh, oh! What have they done?" the prisoners on one side and another were heard saying as they gazed on the charred ruins. "All beyond the river, and Zubova, and in the Kremlin.... Just look! There's not half of it left. Yes, I told you--the whole quarter beyond the river, and so it is."

"Well, you know it's burned, so what's the use of talking?" said the major.

As they passed near a church in the Khamovniki (one of the few unburned quarters of Moscow) the whole mass of prisoners suddenly started to one side and exclamations of horror and disgust were heard.

"Ah, the villains! What heathens! Yes; dead, dead, so he is... And smeared with something!"

Pierre too drew near the church where the thing was that evoked these exclamations, and dimly made out something leaning against the palings surrounding the church. From the words of his comrades who saw better than he did, he found that this was the body of a man, set upright against the palings with its face smeared with soot.

"Go on! What the devil... Go on! Thirty thousand devils!..." the convoy guards began cursing and the French soldiers, with fresh virulence, drove away with their swords the crowd of prisoners who were gazing at the dead man.

CHAPTER XIV

Through the cross streets of the Khamovniki quarter the prisoners marched, followed only by their escort and the vehicles and wagons belonging to that escort, but when they reached the supply stores they came among a huge and closely packed train of artillery mingled with private vehicles.

At the bridge they all halted, waiting for those in front to get across. From the bridge they had a view of endless lines of moving baggage trains before and behind them. To the right, where the Kaluga road turns near Neskuchny, endless rows of troops and carts stretched away into the distance. These were troops of Beauharnais' corps which had started before any of the others. Behind, along the riverside and across the Stone Bridge, were Ney's troops and transport.

Davout's troops, in whose charge were the prisoners, were crossing the Crimean bridge and some were already debouching into the Kaluga road. But the baggage trains stretched out so that the last of Beauharnais' train had not yet got out of Moscow and reached the Kaluga road when the vanguard of Ney's army was already emerging from the Great Ordynka Street.

When they had crossed the Crimean bridge the prisoners moved a few steps forward, halted, and again moved on, and from all sides vehicles and men crowded closer and closer together. They advanced the few hundred paces that separated the bridge from the Kaluga road, taking more than an hour to do so, and came out upon the square where the streets of the Transmoskva ward and the Kaluga road converge, and the prisoners jammed close together had to stand for some hours at that crossway. From all sides, like the roar of the sea, were heard the rattle of wheels, the tramp of feet, and incessant shouts of anger and abuse. Pierre stood pressed against the wall of a charred house, listening to that noise which mingled in his imagination with the roll of the drums.

To get a better view, several officer prisoners climbed onto the wall of the half-burned house against which Pierre was leaning.

"What crowds! Just look at the crowds!... They've loaded goods even on the cannon! Look there, those are furs!" they exclaimed. "Just see what the blackguards have looted.... There! See what that one has behind in the cart.... Why, those are settings taken from some icons, by heaven!... Oh, the rascals!... See how that fellow has loaded himself up, he can hardly walk! Good lord, they've even grabbed those chaises!... See that fellow there sitting on the trunks.... Heavens! They're fighting."

"That's right, hit him on the snout--on his snout! Like this, we shan't get away before evening. Look, look there.... Why, that must be Napoleon's own. See what horses! And the monograms with a crown! It's like a portable house.... That fellow's dropped his sack and doesn't see it. Fighting again... A woman with a baby, and not bad-looking either! Yes, I dare say, that's the way they'll let you pass... Just look, there's no end to it. Russian wenches, by heaven, so they are! In carriages--see how comfortably they've settled themselves!"

Again, as at the church in Khamovniki, a wave of general curiosity bore all the prisoners forward onto the road, and Pierre, thanks to his stature, saw over the heads of the others what so attracted their curiosity. In three carriages involved among the munition carts, closely squeezed together, sat women with rouged faces, dressed in glaring colors, who were shouting something in shrill voices.

From the moment Pierre had recognized the appearance of the mysterious force nothing had seemed to him strange or dreadful: neither the corpse smeared with soot for fun nor these women hurrying away nor the burned ruins of Moscow. All that he now witnessed scarcely made an impression on him--as if his soul, making ready for a hard struggle, refused to receive impressions that might

weaken it.

The women's vehicles drove by. Behind them came more carts, soldiers, wagons, soldiers, gun carriages, carriages, soldiers, ammunition carts, more soldiers, and now and then women.

Pierre did not see the people as individuals but saw their movement.

All these people and horses seemed driven forward by some invisible power. During the hour Pierre watched them they all came flowing from the different streets with one and the same desire to get on quickly; they all jostled one another, began to grow angry and to fight, white teeth gleamed, brows frowned, ever the same words of abuse flew from side to side, and all the faces bore the same swaggeringly resolute and coldly cruel expression that had struck Pierre that morning on the corporal's face when the drums were beating.

It was not till nearly evening that the officer commanding the escort collected his men and with shouts and quarrels forced his way in among the baggage trains, and the prisoners, hemmed in on all sides, emerged onto the Kaluga road.

They marched very quickly, without resting, and halted only when the sun began to set. The baggage carts drew up close together and the men began to prepare for their night's rest. They all appeared angry and dissatisfied. For a long time, oaths, angry shouts, and fighting could be heard from all sides. A carriage that followed the escort ran into one of the carts and knocked a hole in it with its pole. Several soldiers ran toward the cart from different sides: some beat the carriage horses on their heads, turning them aside, others fought among themselves, and Pierre saw that one German was badly wounded on the head by a sword.

It seemed that all these men, now that they had stopped amid fields in the chill dusk of the autumn evening, experienced one and the same feeling of unpleasant awakening from the hurry and eagerness to push on that had seized them at the start. Once at a standstill they all seemed to understand that they did not yet know where they were going, and that much that was painful and difficult awaited them on this journey.

During this halt the escort treated the prisoners even worse than they had done at the start. It was here that the prisoners for the first time received horseflesh for their meat ration.

From the officer down to the lowest soldier they showed what seemed like personal spite against each of the prisoners, in

unexpected contrast to their former friendly relations.

This spite increased still more when, on calling over the roll of prisoners, it was found that in the bustle of leaving Moscow one Russian soldier, who had pretended to suffer from colic, had escaped. Pierre saw a Frenchman beat a Russian soldier cruelly for straying too far from the road, and heard his friend the captain reprimand and threaten to court-martial a noncommissioned officer on account of the escape of the Russian. To the noncommissioned officer's excuse that the prisoner was ill and could not walk, the officer replied that the order was to shoot those who lagged behind. Pierre felt that that fatal force which had crushed him during the executions, but which he had not felt during his imprisonment, now again controlled his existence. It was terrible, but he felt that in proportion to the efforts of that fatal force to crush him, there grew and strengthened in his soul a power of life independent of it.

He ate his supper of buckwheat soup with horseflesh and chatted with his comrades.

Neither Pierre nor any of the others spoke of what they had seen in Moscow, or of the roughness of their treatment by the French, or of the order to shoot them which had been announced to them. As if in reaction against the worsening of their position they were all particularly animated and gay. They spoke of personal reminiscences, of amusing scenes they had witnessed during the campaign, and avoided all talk of their present situation.

The sun had set long since. Bright stars shone out here and there in the sky. A red glow as of a conflagration spread above the horizon from the rising full moon, and that vast red ball swayed strangely in the gray haze. It grew light. The evening was ending, but the night had not yet come. Pierre got up and left his new companions, crossing between the campfires to the other side of the road where he had been told the common soldier prisoners were stationed. He wanted to talk to them. On the road he was stopped by a French sentinel who ordered him back.

Pierre turned back, not to his companions by the campfire, but to an unharnessed cart where there was nobody. Tucking his legs under him and dropping his head he sat down on the cold ground by the wheel of the cart and remained motionless a long while sunk in thought. Suddenly he burst out into a fit of his broad, good-natured laughter, so loud that men from various sides turned with surprise to see what this strange and evidently solitary laughter could mean.

"Ha-ha-ha!" laughed Pierre. And he said aloud to himself: "The soldier did not let me pass. They took me and shut me up. They hold me

captive. What, me? Me? My immortal soul? Ha-ha-ha! Ha-ha-ha!..." and he laughed till tears started to his eyes.

A man got up and came to see what this queer big fellow was laughing at all by himself. Pierre stopped laughing, got up, went farther away from the inquisitive man, and looked around him.

The huge, endless bivouac that had previously resounded with the crackling of campfires and the voices of many men had grown quiet, the red campfires were growing paler and dying down. High up in the light sky hung the full moon. Forests and fields beyond the camp, unseen before, were now visible in the distance. And farther still, beyond those forests and fields, the bright, oscillating, limitless distance lured one to itself. Pierre glanced up at the sky and the twinkling stars in its faraway depths. "And all that is me, all that is within me, and it is all I!" thought Pierre. "And they caught all that and put it into a shed boarded up with planks!" He smiled, and went and lay down to sleep beside his companions.

CHAPTER XV

In the early days of October another envoy came to Kutuzov with a letter from Napoleon proposing peace and falsely dated from Moscow, though Napoleon was already not far from Kutuzov on the old Kaluga road. Kutuzov replied to this letter as he had done to the one formerly brought by Lauriston, saying that there could be no question of peace.

Soon after that a report was received from Dorokhov's guerrilla detachment operating to the left of Tarutino that troops of Broussier's division had been seen at Forminsk and that being separated from the rest of the French army they might easily be destroyed. The soldiers and officers again demanded action. Generals on the staff, excited by the memory of the easy victory at Tarutino, urged Kutuzov to carry out Dorokhov's suggestion. Kutuzov did not consider any offensive necessary. The result was a compromise which was inevitable: a small detachment was sent to Forminsk to attack Broussier.

By a strange coincidence, this task, which turned out to be a most difficult and important one, was entrusted to Dokhturov--that same modest little Dokhturov whom no one had described to us as drawing up plans of battles, dashing about in front of regiments, showering

crosses on batteries, and so on, and who was thought to be and was spoken of as undecided and undiscerning--but whom we find commanding wherever the position was most difficult all through the Russo-French wars from Austerlitz to the year 1813. At Austerlitz he remained last at the Augezd dam, rallying the regiments, saving what was possible when all were flying and perishing and not a single general was left in the rear guard. Ill with fever he went to Smolensk with twenty thousand men to defend the town against Napoleon's whole army. In Smolensk, at the Malakhov Gate, he had hardly dozed off in a paroxysm of fever before he was awakened by the bombardment of the town--and Smolensk held out all day long. At the battle of Borodino, when Bagration was killed and nine tenths of the men of our left flank had fallen and the full force of the French artillery fire was directed against it, the man sent there was this same irresolute and undiscerning Dokhturov--Kutuzov hastening to rectify a mistake he had made by sending someone else there first. And the quiet little Dokhturov rode thither, and Borodino became the greatest glory of the Russian army. Many heroes have been described to us in verse and prose, but of Dokhturov scarcely a word has been said.

It was Dokhturov again whom they sent to Forminsk and from there to Malo-Yaroslavets, the place where the last battle with the French was fought and where the obvious disintegration of the French army began; and we are told of many geniuses and heroes of that period of the campaign, but of Dokhturov nothing or very little is said and that dubiously. And this silence about Dokhturov is the clearest testimony to his merit.

It is natural for a man who does not understand the workings of a machine to imagine that a shaving that has fallen into it by chance and is interfering with its action and tossing about in it is its most important part. The man who does not understand the construction of the machine cannot conceive that the small connecting cogwheel which revolves quietly is one of the most essential parts of the machine, and not the shaving which merely harms and hinders the working.

On the tenth of October when Dokhturov had gone halfway to Forminsk and stopped at the village of Aristovo, preparing faithfully to execute the orders he had received, the whole French army having, in its convulsive movement, reached Murat's position apparently in order to give battle--suddenly without any reason turned off to the left onto the new Kaluga road and began to enter Forminsk, where only Broussier had been till then. At that time Dokhturov had under his command, besides Dorokhov's detachment, the two small guerrilla detachments of Figner and Soslavin.

On the evening of October 11 Soslavin came to the Aristovo headquarters with a French guardsman he had captured. The prisoner

said that the troops that had entered Forminsk that day were the vanguard of the whole army, that Napoleon was there and the whole army had left Moscow four days previously. That same evening a house serf who had come from Borovsk said he had seen an immense army entering the town. Some Cossacks of Dokhturov's detachment reported having sighted the French Guards marching along the road to Borovsk. From all these reports it was evident that where they had expected to meet a single division there was now the whole French army marching from Moscow in an unexpected direction--along the Kaluga road. Dokhturov was unwilling to undertake any action, as it was not clear to him now what he ought to do. He had been ordered to attack Forminsk. But only Broussier had been there at that time and now the whole French army was there. Ermolov wished to act on his own judgment, but Dokhturov insisted that he must have Kutuzov's instructions. So it was decided to send a dispatch to the staff.

For this purpose a capable officer, Bolkhovitinov, was chosen, who was to explain the whole affair by word of mouth, besides delivering a written report. Toward midnight Bolkhovitinov, having received the dispatch and verbal instructions, galloped off to the General Staff accompanied by a Cossack with spare horses.

CHAPTER XVI

It was a warm, dark, autumn night. It had been raining for four days. Having changed horses twice and galloped twenty miles in an hour and a half over a sticky, muddy road, Bolkhovitinov reached Litashevka after one o'clock at night. Dismounting at a cottage on whose wattle fence hung a signboard, GENERAL STAFF, and throwing down his reins, he entered a dark passage.

"The general on duty, quick! It's very important!" said he to someone who had risen and was sniffing in the dark passage.

"He has been very unwell since the evening and this is the third night he has not slept," said the orderly pleadingly in a whisper. "You should wake the captain first."

"But this is very important, from General Dokhturov," said Bolkhovitinov, entering the open door which he had found by feeling in the dark.

The orderly had gone in before him and began waking somebody.

"Your honor, your honor! A courier."

"What? What's that? From whom?" came a sleepy voice.

"From Dokhturov and from Alexey Petrovich. Napoleon is at Forminsk," said Bolkhovitinov, unable to see in the dark who was speaking but guessing by the voice that it was not Konovnitsyn.

The man who had wakened yawned and stretched himself.

"I don't like waking him," he said, fumbling for something. "He is very ill. Perhaps this is only a rumor."

"Here is the dispatch," said Bolkhovitinov. "My orders are to give it at once to the general on duty."

"Wait a moment, I'll light a candle. You damned rascal, where do you always hide it?" said the voice of the man who was stretching himself, to the orderly. (This was Shcherbinin, Konovnitsyn's adjutant.)

"I've found it, I've found it!" he added.

The orderly was striking a light and Shcherbinin was fumbling for something on the candlestick.

"Oh, the nasty beasts!" said he with disgust.

By the light of the sparks Bolkhovitinov saw Shcherbinin's youthful face as he held the candle, and the face of another man who was still asleep. This was Konovnitsyn.

When the flame of the sulphur splinters kindled by the tinder burned up, first blue and then red, Shcherbinin lit the tallow candle, from the candlestick of which the cockroaches that had been gnawing it were running away, and looked at the messenger. Bolkhovitinov was bespattered all over with mud and had smeared his face by wiping it with his sleeve.

"Who gave the report?" inquired Shcherbinin, taking the envelope.

"The news is reliable," said Bolkhovitinov. "Prisoners, Cossacks, and the scouts all say the same thing."

"There's nothing to be done, we'll have to wake him," said Shcherbinin, rising and going up to the man in the nightcap who lay covered by a greatcoat. "Peter Petrovich!" said he. (Konovnitsyn did not stir.) "To the General Staff!" he said with a smile, knowing that those words would be sure to arouse him.

And in fact the head in the nightcap was lifted at once. On Konovnitsyn's handsome, resolute face with cheeks flushed by fever, there still remained for an instant a faraway dreamy expression remote from present affairs, but then he suddenly started and his face assumed its habitual calm and firm appearance.

"Well, what is it? From whom?" he asked immediately but without hurry, blinking at the light.

While listening to the officer's report Konovnitsyn broke the seal and read the dispatch. Hardly had he done so before he lowered his legs in their woolen stockings to the earthen floor and began putting on his boots. Then he took off his nightcap, combed his hair over his temples, and donned his cap.

"Did you get here quickly? Let us go to his Highness."

Konovnitsyn had understood at once that the news brought was of great importance and that no time must be lost. He did not consider or ask himself whether the news was good or bad. That did not interest him. He regarded the whole business of the war not with his intelligence or his reason but by something else. There was within him a deep unexpressed conviction that all would be well, but that one must not trust to this and still less speak about it, but must only attend to one's own work. And he did his work, giving his whole strength to the task.

Peter Petrovich Konovnitsyn, like Dokhturov, seems to have been included merely for propriety's sake in the list of the so-called heroes of 1812--the Barclays, Raevskis, Ermolovs, Platovs, and Miloradoviches. Like Dokhturov he had the reputation of being a man of very limited capacity and information, and like Dokhturov he never made plans of battle but was always found where the situation was most difficult. Since his appointment as general on duty he had always slept with his door open, giving orders that every messenger should be allowed to wake him up. In battle he was always under fire, so that Kutuzov reproved him for it and feared to send him to the front, and like Dokhturov he was one of those unnoticed cogwheels that, without clatter or noise, constitute the most essential part of the machine.

Coming out of the hut into the damp, dark night Konovnitsyn frowned--partly from an increased pain in his head and partly at the unpleasant thought that occurred to him, of how all that nest of influential men on the staff would be stirred up by this news, especially Bennigsen, who ever since Tarutino had been at daggers drawn with Kutuzov; and how they would make suggestions, quarrel, issue orders, and rescind them. And this premonition was disagreeable to him

though he knew it could not be helped.

And in fact Toll, to whom he went to communicate the news, immediately began to expound his plans to a general sharing his quarters, until Konovnitsyn, who listened in weary silence, reminded him that they must go to see his Highness.

CHAPTER XVII

Kutuzov like all old people did not sleep much at night. He often fell asleep unexpectedly in the daytime, but at night, lying on his bed without undressing, he generally remained awake thinking.

So he lay now on his bed, supporting his large, heavy, scarred head on his plump hand, with his one eye open, meditating and peering into the darkness.

Since Bennigsen, who corresponded with the Emperor and had more influence than anyone else on the staff, had begun to avoid him, Kutuzov was more at ease as to the possibility of himself and his troops being obliged to take part in useless aggressive movements. The lesson of the Tarutino battle and of the day before it, which Kutuzov remembered with pain, must, he thought, have some effect on others too.

"They must understand that we can only lose by taking the offensive. Patience and time are my warriors, my champions," thought Kutuzov. He knew that an apple should not be plucked while it is green. It will fall of itself when ripe, but if picked unripe the apple is spoiled, the tree is harmed, and your teeth are set on edge. Like an experienced sportsman he knew that the beast was wounded, and wounded as only the whole strength of Russia could have wounded it, but whether it was mortally wounded or not was still an undecided question. Now by the fact of Lauriston and Barthelemi having been sent, and by the reports of the guerrillas, Kutuzov was almost sure that the wound was mortal. But he needed further proofs and it was necessary to wait.

"They want to run to see how they have wounded it. Wait and we shall see! Continual maneuvers, continual advances!" thought he. "What for? Only to distinguish themselves! As if fighting were fun. They are like children from whom one can't get any sensible account of what has happened because they all want to show how well they can fight. But

that's not what is needed now.

"And what ingenious maneuvers they all propose to me! It seems to them that when they have thought of two or three contingencies" (he remembered the general plan sent him from Petersburg) "they have foreseen everything. But the contingencies are endless."

The undecided question as to whether the wound inflicted at Borodino was mortal or not had hung over Kutuzov's head for a whole month. On the one hand the French had occupied Moscow. On the other Kutuzov felt assured with all his being that the terrible blow into which he and all the Russians had put their whole strength must have been mortal. But in any case proofs were needed; he had waited a whole month for them and grew more impatient the longer he waited. Lying on his bed during those sleepless nights he did just what he reproached those younger generals for doing. He imagined all sorts of possible contingencies, just like the younger men, but with this difference, that he saw thousands of contingencies instead of two or three and based nothing on them. The longer he thought the more contingencies presented themselves. He imagined all sorts of movements of the Napoleonic army as a whole or in sections--against Petersburg, or against him, or to outflank him. He thought too of the possibility (which he feared most of all) that Napoleon might fight him with his own weapon and remain in Moscow awaiting him. Kutuzov even imagined that Napoleon's army might turn back through Medyn and Yukhnov, but the one thing he could not foresee was what happened--the insane, convulsive stampede of Napoleon's army during its first eleven days after leaving Moscow: a stampede which made possible what Kutuzov had not yet even dared to think of--the complete extermination of the French. Dorokhov's report about Broussier's division, the guerrillas' reports of distress in Napoleon's army, rumors of preparations for leaving Moscow, all confirmed the supposition that the French army was beaten and preparing for flight. But these were only suppositions, which seemed important to the younger men but not to Kutuzov. With his sixty years' experience he knew what value to attach to rumors, knew how apt people who desire anything are to group all news so that it appears to confirm what they desire, and he knew how readily in such cases they omit all that makes for the contrary. And the more he desired it the less he allowed himself to believe it. This question absorbed all his mental powers. All else was to him only life's customary routine. To such customary routine belonged his conversations with the staff, the letters he wrote from Tarutino to Madame de Stael, the reading of novels, the distribution of awards, his correspondence with Petersburg, and so on. But the destruction of the French, which he alone foresaw, was his heart's one desire.

On the night of the eleventh of October he lay leaning on his arm

and thinking of that.

There was a stir in the next room and he heard the steps of Toll, Konovnitsyn, and Bolkhovitinov.

"Eh, who's there? Come in, come in! What news?" the field marshal called out to them.

While a footman was lighting a candle, Toll communicated the substance of the news.

"Who brought it?" asked Kutuzov with a look which, when the candle was lit, struck Toll by its cold severity.

"There can be no doubt about it, your Highness."

"Call him in, call him here."

Kutuzov sat up with one leg hanging down from the bed and his big paunch resting against the other which was doubled under him. He screwed up his seeing eye to scrutinize the messenger more carefully, as if wishing to read in his face what preoccupied his own mind.

"Tell me, tell me, friend," said he to Bolkhovitinov in his low, aged voice, as he pulled together the shirt which gaped open on his chest, "come nearer--nearer. What news have you brought me? Eh? That Napoleon has left Moscow? Are you sure? Eh?"

Bolkhovitinov gave a detailed account from the beginning of all he had been told to report.

"Speak quicker, quicker! Don't torture me!" Kutuzov interrupted him.

Bolkhovitinov told him everything and was then silent, awaiting instructions. Toll was beginning to say something but Kutuzov checked him. He tried to say something, but his face suddenly puckered and wrinkled; he waved his arm at Toll and turned to the opposite side of the room, to the corner darkened by the icons that hung there.

"O Lord, my Creator, Thou has heard our prayer..." said he in a tremulous voice with folded hands. "Russia is saved. I thank Thee, O Lord!" and he wept.

CHAPTER XVIII

From the time he received this news to the end of the campaign all Kutuzov's activity was directed toward restraining his troops, by authority, by guile, and by entreaty, from useless attacks, maneuvers, or encounters with the perishing enemy. Dokhturov went to Malo-Yaroslavets, but Kutuzov lingered with the main army and gave orders for the evacuation of Kaluga--a retreat beyond which town seemed to him quite possible.

Everywhere Kutuzov retreated, but the enemy without waiting for his retreat fled in the opposite direction.

Napoleon's historians describe to us his skilled maneuvers at Tarutino and Malo-Yaroslavets, and make conjectures as to what would have happened had Napoleon been in time to penetrate into the rich southern provinces.

But not to speak of the fact that nothing prevented him from advancing into those southern provinces (for the Russian army did not bar his way), the historians forget that nothing could have saved his army, for then already it bore within itself the germs of inevitable ruin. How could that army--which had found abundant supplies in Moscow and had trampled them underfoot instead of keeping them, and on arriving at Smolensk had looted provisions instead of storing them--how could that army recuperate in Kaluga province, which was inhabited by Russians such as those who lived in Moscow, and where fire had the same property of consuming what was set ablaze?

That army could not recover anywhere. Since the battle of Borodino and the pillage of Moscow it had borne within itself, as it were, the chemical elements of dissolution.

The members of what had once been an army--Napoleon himself and all his soldiers fled--without knowing whither, each concerned only to make his escape as quickly as possible from this position, of the hopelessness of which they were all more or less vaguely conscious.

So it came about that at the council at Malo-Yaroslavets, when the generals pretending to confer together expressed various opinions, all mouths were closed by the opinion uttered by the simple-minded soldier Mouton who, speaking last, said what they all felt: that the one thing needful was to get away as quickly as possible; and no one, not even Napoleon, could say anything against that truth which they all recognized.

But though they all realized that it was necessary to get away, there still remained a feeling of shame at admitting that they must flee. An external shock was needed to overcome that shame, and this shock came in due time. It was what the French called "le hourra de l'Empereur."

The day after the council at Malo-Yaroslavets Napoleon rode out early in the morning amid the lines of his army with his suite of marshals and an escort, on the pretext of inspecting the army and the scene of the previous and of the impending battle. Some Cossacks on the prowl for booty fell in with the Emperor and very nearly captured him. If the Cossacks did not capture Napoleon then, what saved him was the very thing that was destroying the French army, the booty on which the Cossacks fell. Here as at Tarutino they went after plunder, leaving the men. Disregarding Napoleon they rushed after the plunder and Napoleon managed to escape.

When les enfants du Don might so easily have taken the Emperor himself in the midst of his army, it was clear that there was nothing for it but to fly as fast as possible along the nearest, familiar road. Napoleon with his forty-year-old stomach understood that hint, not feeling his former agility and boldness, and under the influence of the fright the Cossacks had given him he at once agreed with Mouton and issued orders--as the historians tell us--to retreat by the Smolensk road.

That Napoleon agreed with Mouton, and that the army retreated, does not prove that Napoleon caused it to retreat, but that the forces which influenced the whole army and directed it along the Mozhaysk (that is, the Smolensk) road acted simultaneously on him also.

CHAPTER XIX

A man in motion always devises an aim for that motion. To be able to go a thousand miles he must imagine that something good awaits him at the end of those thousand miles. One must have the prospect of a promised land to have the strength to move.

The promised land for the French during their advance had been Moscow, during their retreat it was their native land. But that native land was too far off, and for a man going a thousand miles it is absolutely necessary to set aside his final goal and to say to himself: "Today I shall get to a place twenty-five miles off where I

shall rest and spend the night," and during the first day's journey that resting place eclipses his ultimate goal and attracts all his hopes and desires. And the impulses felt by a single person are always magnified in a crowd.

For the French retreating along the old Smolensk road, the final goal--their native land--was too remote, and their immediate goal was Smolensk, toward which all their desires and hopes, enormously intensified in the mass, urged them on. It was not that they knew that much food and fresh troops awaited them in Smolensk, nor that they were told so (on the contrary their superior officers, and Napoleon himself, knew that provisions were scarce there), but because this alone could give them strength to move on and endure their present privations. So both those who knew and those who did not know deceived themselves, and pushed on to Smolensk as to a promised land.

Coming out onto the highroad the French fled with surprising energy and unheard-of rapidity toward the goal they had fixed on. Besides the common impulse which bound the whole crowd of French into one mass and supplied them with a certain energy, there was another cause binding them together--their great numbers. As with the physical law of gravity, their enormous mass drew the individual human atoms to itself. In their hundreds of thousands they moved like a whole nation.

Each of them desired nothing more than to give himself up as a prisoner to escape from all this horror and misery; but on the one hand the force of this common attraction to Smolensk, their goal, drew each of them in the same direction; on the other hand an army corps could not surrender to a company, and though the French availed themselves of every convenient opportunity to detach themselves and to surrender on the slightest decent pretext, such pretexts did not always occur. Their very numbers and their crowded and swift movement deprived them of that possibility and rendered it not only difficult but impossible for the Russians to stop this movement, to which the French were directing all their energies. Beyond a certain limit no mechanical disruption of the body could hasten the process of decomposition.

A lump of snow cannot be melted instantaneously. There is a certain limit of time in less than which no amount of heat can melt the snow. On the contrary the greater the heat the more solidified the remaining snow becomes.

Of the Russian commanders Kutuzov alone understood this. When the flight of the French army along the Smolensk road became well defined, what Konovnitsyn had foreseen on the night of the eleventh of October began to occur. The superior officers all wanted to

distinguish themselves, to cut off, to seize, to capture, and to overthrow the French, and all clamored for action.

Kutuzov alone used all his power (and such power is very limited in the case of any commander in chief) to prevent an attack.

He could not tell them what we say now: "Why fight, why block the road, losing our own men and inhumanly slaughtering unfortunate wretches? What is the use of that, when a third of their army has melted away on the road from Moscow to Vyazma without any battle?" But drawing from his aged wisdom what they could understand, he told them of the golden bridge, and they laughed at and slandered him, flinging themselves on, rending and exulting over the dying beast.

Ermolov, Miloradovich, Platov, and others in proximity to the French near Vyazma could not resist their desire to cut off and break up two French corps, and by way of reporting their intention to Kutuzov they sent him a blank sheet of paper in an envelope.

And try as Kutuzov might to restrain the troops, our men attacked, trying to bar the road. Infantry regiments, we are told, advanced to the attack with music and with drums beating, and killed and lost thousands of men.

But they did not cut off or overthrow anybody and the French army, closing up more firmly at the danger, continued, while steadily melting away, to pursue its fatal path to Smolensk.

BOOK FOURTEEN: 1812

CHAPTER I

The Battle of Borodino, with the occupation of Moscow that followed it and the flight of the French without further conflicts, is one of the most instructive phenomena in history.

All historians agree that the external activity of states and nations in their conflicts with one another is expressed in wars,

and that as a direct result of greater or less success in war the political strength of states and nations increases or decreases.

Strange as may be the historical account of how some king or emperor, having quarreled with another, collects an army, fights his enemy's army, gains a victory by killing three, five, or ten thousand men, and subjugates a kingdom and an entire nation of several millions, all the facts of history (as far as we know it) confirm the truth of the statement that the greater or lesser success of one army against another is the cause, or at least an essential indication, of an increase or decrease in the strength of the nation--even though it is unintelligible why the defeat of an army--a hundredth part of a nation--should oblige that whole nation to submit. An army gains a victory, and at once the rights of the conquering nation have increased to the detriment of the defeated. An army has suffered defeat, and at once a people loses its rights in proportion to the severity of the reverse, and if its army suffers a complete defeat the nation is quite subjugated.

So according to history it has been found from the most ancient times, and so it is to our own day. All Napoleon's wars serve to confirm this rule. In proportion to the defeat of the Austrian army Austria loses its rights, and the rights and the strength of France increase. The victories of the French at Jena and Auerstadt destroy the independent existence of Prussia.

But then, in 1812, the French gain a victory near Moscow. Moscow is taken and after that, with no further battles, it is not Russia that ceases to exist, but the French army of six hundred thousand, and then Napoleonic France itself. To strain the facts to fit the rules of history: to say that the field of battle at Borodino remained in the hands of the Russians, or that after Moscow there were other battles that destroyed Napoleon's army, is impossible.

After the French victory at Borodino there was no general engagement nor any that were at all serious, yet the French army ceased to exist. What does this mean? If it were an example taken from the history of China, we might say that it was not an historic phenomenon (which is the historians' usual expedient when anything does not fit their standards); if the matter concerned some brief conflict in which only a small number of troops took part, we might treat it as an exception; but this event occurred before our fathers' eyes, and for them it was a question of the life or death of their fatherland, and it happened in the greatest of all known wars.

The period of the campaign of 1812 from the battle of Borodino to the expulsion of the French proved that the winning of a battle does not produce a conquest and is not even an invariable indication of

conquest; it proved that the force which decides the fate of peoples lies not in the conquerors, nor even in armies and battles, but in something else.

The French historians, describing the condition of the French army before it left Moscow, affirm that all was in order in the Grand Army, except the cavalry, the artillery, and the transport--there was no forage for the horses or the cattle. That was a misfortune no one could remedy, for the peasants of the district burned their hay rather than let the French have it.

The victory gained did not bring the usual results because the peasants Karp and Vlas (who after the French had evacuated Moscow drove in their carts to pillage the town, and in general personally failed to manifest any heroic feelings), and the whole innumerable multitude of such peasants, did not bring their hay to Moscow for the high price offered them, but burned it instead.

Let us imagine two men who have come out to fight a duel with rapiers according to all the rules of the art of fencing. The fencing has gone on for some time; suddenly one of the combatants, feeling himself wounded and understanding that the matter is no joke but concerns his life, throws down his rapier, and seizing the first cudgel that comes to hand begins to brandish it. Then let us imagine that the combatant who so sensibly employed the best and simplest means to attain his end was at the same time influenced by traditions of chivalry and, desiring to conceal the facts of the case, insisted that he had gained his victory with the rapier according to all the rules of art. One can imagine what confusion and obscurity would result from such an account of the duel.

The fencer who demanded a contest according to the rules of fencing was the French army; his opponent who threw away the rapier and snatched up the cudgel was the Russian people; those who try to explain the matter according to the rules of fencing are the historians who have described the event.

After the burning of Smolensk a war began which did not follow any previous traditions of war. The burning of towns and villages, the retreats after battles, the blow dealt at Borodino and the renewed retreat, the burning of Moscow, the capture of marauders, the seizure of transports, and the guerrilla war were all departures from the rules.

Napoleon felt this, and from the time he took up the correct fencing attitude in Moscow and instead of his opponent's rapier saw a cudgel raised above his head, he did not cease to complain to Kutuzov and to the Emperor Alexander that the war was being carried on contrary to

all the rules--as if there were any rules for killing people. In spite of the complaints of the French as to the nonobservance of the rules, in spite of the fact that to some highly placed Russians it seemed rather disgraceful to fight with a cudgel and they wanted to assume a pose en quarte or en tierce according to all the rules, and to make an adroit thrust en prime, and so on--the cudgel of the people's war was lifted with all its menacing and majestic strength, and without consulting anyone's tastes or rules and regardless of anything else, it rose and fell with stupid simplicity, but consistently, and belabored the French till the whole invasion had perished.

And it is well for a people who do not--as the French did in 1813--salute according to all the rules of art, and, presenting the hilt of their rapier gracefully and politely, hand it to their magnanimous conqueror, but at the moment of trial, without asking what rules others have adopted in similar cases, simply and easily pick up the first cudgel that comes to hand and strike with it till the feeling of resentment and revenge in their soul yields to a feeling of contempt and compassion.

CHAPTER II

One of the most obvious and advantageous departures from the so-called laws of war is the action of scattered groups against men pressed together in a mass. Such action always occurs in wars that take on a national character. In such actions, instead of two crowds opposing each other, the men disperse, attack singly, run away when attacked by stronger forces, but again attack when opportunity offers. This was done by the guerrillas in Spain, by the mountain tribes in the Caucasus, and by the Russians in 1812.

People have called this kind of war "guerrilla warfare" and assume that by so calling it they have explained its meaning. But such a war does not fit in under any rule and is directly opposed to a well-known rule of tactics which is accepted as infallible. That rule says that an attacker should concentrate his forces in order to be stronger than his opponent at the moment of conflict.

Guerrilla war (always successful, as history shows) directly infringes that rule.

This contradiction arises from the fact that military science

assumes the strength of an army to be identical with its numbers.
Military science says that the more troops the greater the strength.
Les gros bataillons ont toujours raison.*

*Large battalions are always victorious.

For military science to say this is like defining momentum in mechanics by reference to the mass only: stating that momenta are equal or unequal to each other simply because the masses involved are equal or unequal.

Momentum (quantity of motion) is the product of mass and velocity.

In military affairs the strength of an army is the product of its mass and some unknown x .

Military science, seeing in history innumerable instances of the fact that the size of any army does not coincide with its strength and that small detachments defeat larger ones, obscurely admits the existence of this unknown factor and tries to discover it--now in a geometric formation, now in the equipment employed, now, and most usually, in the genius of the commanders. But the assignment of these various meanings to the factor does not yield results which accord with the historic facts.

Yet it is only necessary to abandon the false view (adopted to gratify the "heroes") of the efficacy of the directions issued in wartime by commanders, in order to find this unknown quantity.

That unknown quantity is the spirit of the army, that is to say, the greater or lesser readiness to fight and face danger felt by all the men composing an army, quite independently of whether they are, or are not, fighting under the command of a genius, in two--or three-line formation, with cudgels or with rifles that repeat thirty times a minute. Men who want to fight will always put themselves in the most advantageous conditions for fighting.

The spirit of an army is the factor which multiplied by the mass gives the resulting force. To define and express the significance of this unknown factor--the spirit of an army--is a problem for science.

This problem is only solvable if we cease arbitrarily to substitute for the unknown x itself the conditions under which that force becomes apparent--such as the commands of the general, the equipment employed, and so on--mistaking these for the real significance of the factor, and if we recognize this unknown

quantity in its entirety as being the greater or lesser desire to fight and to face danger. Only then, expressing known historic facts by equations and comparing the relative significance of this factor, can we hope to define the unknown.

Ten men, battalions, or divisions, fighting fifteen men, battalions, or divisions, conquer--that is, kill or take captive--all the others, while themselves losing four, so that on the one side four and on the other fifteen were lost. Consequently the four were equal to the fifteen, and therefore $4x = 15y$. Consequently $x/y = 15/4$. This equation does not give us the value of the unknown factor but gives us a ratio between two unknowns. And by bringing variously selected historic units (battles, campaigns, periods of war) into such equations, a series of numbers could be obtained in which certain laws should exist and might be discovered.

The tactical rule that an army should act in masses when attacking, and in smaller groups in retreat, unconsciously confirms the truth that the strength of an army depends on its spirit. To lead men forward under fire more discipline (obtainable only by movement in masses) is needed than is needed to resist attacks. But this rule which leaves out of account the spirit of the army continually proves incorrect and is in particularly striking contrast to the facts when some strong rise or fall in the spirit of the troops occurs, as in all national wars.

The French, retreating in 1812--though according to tactics they should have separated into detachments to defend themselves--congregated into a mass because the spirit of the army had so fallen that only the mass held the army together. The Russians, on the contrary, ought according to tactics to have attacked in mass, but in fact they split up into small units, because their spirit had so risen that separate individuals, without orders, dealt blows at the French without needing any compulsion to induce them to expose themselves to hardships and dangers.

CHAPTER III

The so-called partisan war began with the entry of the French into Smolensk.

Before partisan warfare had been officially recognized by the government, thousands of enemy stragglers, marauders, and foragers had

been destroyed by the Cossacks and the peasants, who killed them off as instinctively as dogs worry a stray mad dog to death. Denis Davydov, with his Russian instinct, was the first to recognize the value of this terrible cudgel which regardless of the rules of military science destroyed the French, and to him belongs the credit for taking the first step toward regularizing this method of warfare.

On August 24 Davydov's first partisan detachment was formed and then others were recognized. The further the campaign progressed the more numerous these detachments became.

The irregulars destroyed the great army piecemeal. They gathered the fallen leaves that dropped of themselves from that withered tree--the French army--and sometimes shook that tree itself. By October, when the French were fleeing toward Smolensk, there were hundreds of such companies, of various sizes and characters. There were some that adopted all the army methods and had infantry, artillery, staffs, and the comforts of life. Others consisted solely of Cossack cavalry. There were also small scratch groups of foot and horse, and groups of peasants and landowners that remained unknown. A sacristan commanded one party which captured several hundred prisoners in the course of a month; and there was Vasilisa, the wife of a village elder, who slew hundreds of the French.

The partisan warfare flamed up most fiercely in the latter days of October. Its first period had passed: when the partisans themselves, amazed at their own boldness, feared every minute to be surrounded and captured by the French, and hid in the forests without unsaddling, hardly daring to dismount and always expecting to be pursued. By the end of October this kind of warfare had taken definite shape: it had become clear to all what could be ventured against the French and what could not. Now only the commanders of detachments with staffs, and moving according to rules at a distance from the French, still regarded many things as impossible. The small bands that had started their activities long before and had already observed the French closely considered things possible which the commanders of the big detachments did not dare to contemplate. The Cossacks and peasants who crept in among the French now considered everything possible.

On October 22, Denisov (who was one of the irregulars) was with his group at the height of the guerrilla enthusiasm. Since early morning he and his party had been on the move. All day long he had been watching from the forest that skirted the highroad a large French convoy of cavalry baggage and Russian prisoners separated from the rest of the army, which--as was learned from spies and prisoners--was moving under a strong escort to Smolensk. Besides Denisov and Dolokhov (who also led a small party and moved in Denisov's vicinity), the commanders of some large divisions with staffs also knew of this

convoy and, as Denisov expressed it, were sharpening their teeth for it. Two of the commanders of large parties--one a Pole and the other a German--sent invitations to Denisov almost simultaneously, requesting him to join up with their divisions to attack the convoy.

"No, bwother, I have gwown mustaches myself," said Denisov on reading these documents, and he wrote to the German that, despite his heartfelt desire to serve under so valiant and renowned a general, he had to forgo that pleasure because he was already under the command of the Polish general. To the Polish general he replied to the same effect, informing him that he was already under the command of the German.

Having arranged matters thus, Denisov and Dolokhov intended, without reporting matters to the higher command, to attack and seize that convoy with their own small forces. On October 22 it was moving from the village of Mikulino to that of Shamshevo. To the left of the road between Mikulino and Shamshevo there were large forests, extending in some places up to the road itself though in others a mile or more back from it. Through these forests Denisov and his party rode all day, sometimes keeping well back in them and sometimes coming to the very edge, but never losing sight of the moving French. That morning, Cossacks of Denisov's party had seized and carried off into the forest two wagons loaded with cavalry saddles, which had stuck in the mud not far from Mikulino where the forest ran close to the road. Since then, and until evening, the party had the movements of the French without attacking. It was necessary to let the French reach Shamshevo quietly without alarming them and then, after joining Dolokhov who was to come that evening to a consultation at a watchman's hut in the forest less than a mile from Shamshevo, to surprise the French at dawn, falling like an avalanche on their heads from two sides, and rout and capture them all at one blow.

In their rear, more than a mile from Mikulino where the forest came right up to the road, six Cossacks were posted to report if any fresh columns of French should show themselves.

Beyond Shamshevo, Dolokhov was to observe the road in the same way, to find out at what distance there were other French troops. They reckoned that the convoy had fifteen hundred men. Denisov had two hundred, and Dolokhov might have as many more, but the disparity of numbers did not deter Denisov. All that he now wanted to know was what troops these were and to learn that he had to capture a "tongue"--that is, a man from the enemy column. That morning's attack on the wagons had been made so hastily that the Frenchmen with the wagons had all been killed; only a little drummer boy had been taken alive, and as he was a straggler he could tell them nothing definite about the troops in that column.

Denisov considered it dangerous to make a second attack for fear of putting the whole column on the alert, so he sent Tikhon Shcherbaty, a peasant of his party, to Shamshevo to try and seize at least one of the French quartermasters who had been sent on in advance.

CHAPTER IV

It was a warm rainy autumn day. The sky and the horizon were both the color of muddy water. At times a sort of mist descended, and then suddenly heavy slanting rain came down.

Denisov in a felt cloak and a sheepskin cap from which the rain ran down was riding a thin thoroughbred horse with sunken sides. Like his horse, which turned its head and laid its ears back, he shrank from the driving rain and gazed anxiously before him. His thin face with its short, thick black beard looked angry.

Beside Denisov rode an esaul,* Denisov's fellow worker, also in felt cloak and sheepskin cap, and riding a large sleek Don horse.

*A captain of Cossacks.

Esaul Lovayski the Third was a tall man as straight as an arrow, pale-faced, fair-haired, with narrow light eyes and with calm self-satisfaction in his face and bearing. Though it was impossible to say in what the peculiarity of the horse and rider lay, yet at first glance at the esaul and Denisov one saw that the latter was wet and uncomfortable and was a man mounted on a horse, while looking at the esaul one saw that he was as comfortable and as much at ease as always and that he was not a man who had mounted a horse, but a man who was one with his horse, a being consequently possessed of twofold strength.

A little ahead of them walked a peasant guide, wet to the skin and wearing a gray peasant coat and a white knitted cap.

A little behind, on a poor, small, lean Kirghiz mount with an enormous tail and mane and a bleeding mouth, rode a young officer in a blue French overcoat.

Beside him rode an hussar, with a boy in a tattered French uniform and blue cap behind him on the crupper of his horse. The boy held on to the hussar with cold, red hands, and raising his eyebrows gazed about him with surprise. This was the French drummer boy captured that morning.

Behind them along the narrow, sodden, cutup forest road came hussars in threes and fours, and then Cossacks: some in felt cloaks, some in French greatcoats, and some with horsecloths over their heads. The horses, being drenched by the rain, all looked black whether chestnut or bay. Their necks, with their wet, close-clinging manes, looked strangely thin. Steam rose from them. Clothes, saddles, reins, were all wet, slippery, and sodden, like the ground and the fallen leaves that strewn the road. The men sat huddled up trying not to stir, so as to warm the water that had trickled to their bodies and not admit the fresh cold water that was leaking in under their seats, their knees, and at the back of their necks. In the midst of the outspread line of Cossacks two wagons, drawn by French horses and by saddled Cossack horses that had been hitched on in front, rumbled over the tree stumps and branches and splashed through the water that lay in the ruts.

Denisov's horse swerved aside to avoid a pool in the track and bumped his rider's knee against a tree.

"Oh, the devil!" exclaimed Denisov angrily, and showing his teeth he struck his horse three times with his whip, splashing himself and his comrades with mud.

Denisov was out of sorts both because of the rain and also from hunger (none of them had eaten anything since morning), and yet more because he still had no news from Dolokhov and the man sent to capture a "tongue" had not returned.

"There'll hardly be another such chance to fall on a transport as today. It's too risky to attack them by oneself, and if we put it off till another day one of the big guerrilla detachments will snatch the prey from under our noses," thought Denisov, continually peering forward, hoping to see a messenger from Dolokhov.

On coming to a path in the forest along which he could see far to the right, Denisov stopped.

"There's someone coming," said he.

The esaul looked in the direction Denisov indicated.

"There are two, an officer and a Cossack. But it is not

presupposable that it is the lieutenant colonel himself," said the esaul, who was fond of using words the Cossacks did not know.

The approaching riders having descended a decline were no longer visible, but they reappeared a few minutes later. In front, at a weary gallop and using his leather whip, rode an officer, disheveled and drenched, whose trousers had worked up to above his knees. Behind him, standing in the stirrups, trotted a Cossack. The officer, a very young lad with a broad rosy face and keen merry eyes, galloped up to Denisov and handed him a sodden envelope.

"From the general," said the officer. "Please excuse its not being quite dry."

Denisov, frowning, took the envelope and opened it.

"There, they kept telling us: 'It's dangerous, it's dangerous,'" said the officer, addressing the esaul while Denisov was reading the dispatch. "But Komarov and I"--he pointed to the Cossack--"were prepared. We have each of us two pistols.... But what's this?" he asked, noticing the French drummer boy. "A prisoner? You've already been in action? May I speak to him?"

"Wostov! Petya!" exclaimed Denisov, having run through the dispatch. "Why didn't you say who you were?" and turning with a smile he held out his hand to the lad.

The officer was Petya Rostov.

All the way Petya had been preparing himself to behave with Denisov as befitted a grownup man and an officer--without hinting at their previous acquaintance. But as soon as Denisov smiled at him Petya brightened up, blushed with pleasure, forgot the official manner he had been rehearsing, and began telling him how he had already been in a battle near Vyazma and how a certain hussar had distinguished himself there.

"Well, I am glad to see you," Denisov interrupted him, and his face again assumed its anxious expression.

"Michael Feoklitych," said he to the esaul, "this is again from that German, you know. He"--he indicated Petya--"is serving under him."

And Denisov told the esaul that the dispatch just delivered was a repetition of the German general's demand that he should join forces with him for an attack on the transport.

"If we don't take it tomowwow, he'll snatch it from under our

noses," he added.

While Denisov was talking to the esaul, Petya--abashed by Denisov's cold tone and supposing that it was due to the condition of his trousers--furtively tried to pull them down under his greatcoat so that no one should notice it, while maintaining as martial an air as possible.

"Will there be any orders, your honor?" he asked Denisov, holding his hand at the salute and resuming the game of adjutant and general for which he had prepared himself, "or shall I remain with your honor?"

"Orders?" Denisov repeated thoughtfully. "But can you stay till tomowwow?"

"Oh, please... May I stay with you?" cried Petya.

"But, just what did the genewal tell you? To weturn at once?" asked Denisov.

Petya blushed.

"He gave me no instructions. I think I could?" he returned, inquiringly.

"Well, all wight," said Denisov.

And turning to his men he directed a party to go on to the halting place arranged near the watchman's hut in the forest, and told the officer on the Kirghiz horse (who performed the duties of an adjutant) to go and find out where Dolokhov was and whether he would come that evening. Denisov himself intended going with the esaul and Petya to the edge of the forest where it reached out to Shamshevo, to have a look at the part of the French bivouac they were to attack next day.

"Well, old fellow," said he to the peasant guide, "lead us to Shamshevo."

Denisov, Petya, and the esaul, accompanied by some Cossacks and the hussar who had the prisoner, rode to the left across a ravine to the edge of the forest.

CHAPTER V

The rain had stopped, and only the mist was falling and drops from the trees. Denisov, the esaul, and Petya rode silently, following the peasant in the knitted cap who, stepping lightly with outturned toes and moving noiselessly in his bast shoes over the roots and wet leaves, silently led them to the edge of the forest.

He ascended an incline, stopped, looked about him, and advanced to where the screen of trees was less dense. On reaching a large oak tree that had not yet shed its leaves, he stopped and beckoned mysteriously to them with his hand.

Denisov and Petya rode up to him. From the spot where the peasant was standing they could see the French. Immediately beyond the forest, on a downward slope, lay a field of spring rye. To the right, beyond a steep ravine, was a small village and a landowner's house with a broken roof. In the village, in the house, in the garden, by the well, by the pond, over all the rising ground, and all along the road uphill from the bridge leading to the village, not more than five hundred yards away, crowds of men could be seen through the shimmering mist. Their un-Russian shouting at their horses which were straining uphill with the carts, and their calls to one another, could be clearly heard.

"Bwing the prisoner here," said Denisov in a low voice, not taking his eyes off the French.

A Cossack dismounted, lifted the boy down, and took him to Denisov. Pointing to the French troops, Denisov asked him what these and those of them were. The boy, thrusting his cold hands into his pockets and lifting his eyebrows, looked at Denisov in affright, but in spite of an evident desire to say all he knew gave confused answers, merely assenting to everything Denisov asked him. Denisov turned away from him frowning and addressed the esaul, conveying his own conjectures to him.

Petya, rapidly turning his head, looked now at the drummer boy, now at Denisov, now at the esaul, and now at the French in the village and along the road, trying not to miss anything of importance.

"Whether Dolokhov comes or not, we must seize it, eh?" said Denisov with a merry sparkle in his eyes.

"It is a very suitable spot," said the esaul.

"We'll send the infantwy down by the swamps," Denisov continued.

"They'll cweep up to the garden; you'll wide up fwom there with the

Cossacks"--he pointed to a spot in the forest beyond the village--"and I with my hussars from here. And at the signal shot..."

"The hollow is impassable--there's a swamp there," said the esaul.
"The horses would sink. We must ride round more to the left...."

While they were talking in undertones the crack of a shot sounded from the low ground by the pond, a puff of white smoke appeared, then another, and the sound of hundreds of seemingly merry French voices shouting together came up from the slope. For a moment Denisov and the esaul drew back. They were so near that they thought they were the cause of the firing and shouting. But the firing and shouting did not relate to them. Down below, a man wearing something red was running through the marsh. The French were evidently firing and shouting at him.

"Why, that's our Tikhon," said the esaul.

"So it is! It is!"

"The wascal!" said Denisov.

"He'll get away!" said the esaul, screwing up his eyes.

The man whom they called Tikhon, having run to the stream, plunged in so that the water splashed in the air, and, having disappeared for an instant, scrambled out on all fours, all black with the wet, and ran on. The French who had been pursuing him stopped.

"Smart, that!" said the esaul.

"What a beast!" said Denisov with his former look of vexation. "What has he been doing all this time?"

"Who is he?" asked Petya.

"He's our plastun. I sent him to capture a 'tongue.'"

"Oh, yes," said Petya, nodding at the first words Denisov uttered as if he understood it all, though he really did not understand anything of it.

Tikhon Shcherbaty was one of the most indispensable men in their band. He was a peasant from Pokrovsk, near the river Gzhat. When Denisov had come to Pokrovsk at the beginning of his operations and had as usual summoned the village elder and asked him what he knew about the French, the elder, as though shielding himself, had replied, as all village elders did, that he had neither seen nor heard anything

of them. But when Denisov explained that his purpose was to kill the French, and asked if no French had strayed that way, the elder replied that some "more-orderers" had really been at their village, but that Tikhon Shcherbaty was the only man who dealt with such matters. Denisov had Tikhon called and, having praised him for his activity, said a few words in the elder's presence about loyalty to the Tsar and the country and the hatred of the French that all sons of the fatherland should cherish.

"We don't do the French any harm," said Tikhon, evidently frightened by Denisov's words. "We only fooled about with the lads for fun, you know! We killed a score or so of 'more-orderers,' but we did no harm else..."

Next day when Denisov had left Pokrovsk, having quite forgotten about this peasant, it was reported to him that Tikhon had attached himself to their party and asked to be allowed to remain with it. Denisov gave orders to let him do so.

Tikhon, who at first did rough work, laying campfires, fetching water, flaying dead horses, and so on, soon showed a great liking and aptitude for partisan warfare. At night he would go out for booty and always brought back French clothing and weapons, and when told to would bring in French captives also. Denisov then relieved him from drudgery and began taking him with him when he went out on expeditions and had him enrolled among the Cossacks.

Tikhon did not like riding, and always went on foot, never lagging behind the cavalry. He was armed with a musketoon (which he carried rather as a joke), a pike and an ax, which latter he used as a wolf uses its teeth, with equal case picking fleas out of its fur or crunching thick bones. Tikhon with equal accuracy would split logs with blows at arm's length, or holding the head of the ax would cut thin little pegs or carve spoons. In Denisov's party he held a peculiar and exceptional position. When anything particularly difficult or nasty had to be done--to push a cart out of the mud with one's shoulders, pull a horse out of a swamp by its tail, skin it, slink in among the French, or walk more than thirty miles in a day--everybody pointed laughingly at Tikhon.

"It won't hurt that devil--he's as strong as a horse!" they said of him.

Once a Frenchman Tikhon was trying to capture fired a pistol at him and shot him in the fleshy part of the back. That wound (which Tikhon treated only with internal and external applications of vodka) was the subject of the liveliest jokes by the whole detachment--jokes in which Tikhon readily joined.

"Hallo, mate! Never again? Gave you a twist?" the Cossacks would banter him. And Tikhon, purposely writhing and making faces, pretended to be angry and swore at the French with the funniest curses. The only effect of this incident on Tikhon was that after being wounded he seldom brought in prisoners.

He was the bravest and most useful man in the party. No one found more opportunities for attacking, no one captured or killed more Frenchmen, and consequently he was made the buffoon of all the Cossacks and hussars and willingly accepted that role. Now he had been sent by Denisov overnight to Shamshevo to capture a "tongue." But whether because he had not been content to take only one Frenchman or because he had slept through the night, he had crept by day into some bushes right among the French and, as Denisov had witnessed from above, had been detected by them.

CHAPTER VI

After talking for some time with the esaul about next day's attack, which now, seeing how near they were to the French, he seemed to have definitely decided on, Denisov turned his horse and rode back.

"Now, my lad, we'll go and get dwy," he said to Petya.

As they approached the watchhouse Denisov stopped, peering into the forest. Among the trees a man with long legs and long, swinging arms, wearing a short jacket, bast shoes, and a Kazan hat, was approaching with long, light steps. He had a musketoone over his shoulder and an ax stuck in his girdle. When he espied Denisov he hastily threw something into the bushes, removed his sodden hat by its floppy brim, and approached his commander. It was Tikhon. His wrinkled and pockmarked face and narrow little eyes beamed with self-satisfied merriment. He lifted his head high and gazed at Denisov as if repressing a laugh.

"Well, where did you disappear to?" inquired Denisov.

"Where did I disappear to? I went to get Frenchmen," answered Tikhon boldly and hurriedly, in a husky but melodious bass voice.

"Why did you push yourself in there by daylight? You ass! Well,

why haven't you taken one?"

"Oh, I took one all right," said Tikhon.

"Where is he?"

"You see, I took him first thing at dawn," Tikhon continued, spreading out his flat feet with outturned toes in their bast shoes.

"I took him into the forest. Then I see he's no good and think I'll go and fetch a likelier one."

"You see?... What a wogue--it's just as I thought," said Denisov to the esaul. "Why didn't you bwing that one?"

"What was the good of bringing him?" Tikhon interrupted hastily and angrily--"that one wouldn't have done for you. As if I don't know what sort you want!"

"What a bwute you are!... Well?"

"I went for another one," Tikhon continued, "and I crept like this through the wood and lay down." (He suddenly lay down on his stomach with a supple movement to show how he had done it.) "One turned up and I grabbed him, like this." (He jumped up quickly and lightly.)

"Come along to the colonel," I said. He starts yelling, and suddenly there were four of them. They rushed at me with their little swords. So I went for them with my ax, this way: 'What are you up to?' says I. 'Christ be with you!'" shouted Tikhon, waving his arms with an angry scowl and throwing out his chest.

"Yes, we saw from the hill how you took to your heels through the puddles!" said the esaul, screwing up his glittering eyes.

Petya badly wanted to laugh, but noticed that they all refrained from laughing. He turned his eyes rapidly from Tikhon's face to the esaul's and Denisov's, unable to make out what it all meant.

"Don't play the fool!" said Denisov, coughing angrily. "Why didn't you bwing the first one?"

Tikhon scratched his back with one hand and his head with the other, then suddenly his whole face expanded into a beaming, foolish grin, disclosing a gap where he had lost a tooth (that was why he was called Shcherbaty--the gap-toothed). Denisov smiled, and Petya burst into a peal of merry laughter in which Tikhon himself joined.

"Oh, but he was a regular good-for-nothing," said Tikhon. "The clothes on him--poor stuff! How could I bring him? And so rude, your

honor! Why, he says: 'I'm a general's son myself, I won't go!' he says."

"You are a bwute!" said Denisov. "I wanted to question..."

"But I questioned him," said Tikhon. "He said he didn't know much. 'There are a lot of us,' he says, 'but all poor stuff--only soldiers in name,' he says. 'Shout loud at them,' he says, 'and you'll take them all,'" Tikhon concluded, looking cheerfully and resolutely into Denisov's eyes.

"I'll give you a hundwed sharp lashes--that'll teach you to play the fool!" said Denisov severely.

"But why are you angry?" remonstrated Tikhon, "just as if I'd never seen your Frenchmen! Only wait till it gets dark and I'll fetch you any of them you want--three if you like."

"Well, let's go," said Denisov, and rode all the way to the watchhouse in silence and frowning angrily.

Tikhon followed behind and Petya heard the Cossacks laughing with him and at him, about some pair of boots he had thrown into the bushes.

When the fit of laughter that had seized him at Tikhon's words and smile had passed and Petya realized for a moment that this Tikhon had killed a man, he felt uneasy. He looked round at the captive drummer boy and felt a pang in his heart. But this uneasiness lasted only a moment. He felt it necessary to hold his head higher, to brace himself, and to question the esaul with an air of importance about tomorrow's undertaking, that he might not be unworthy of the company in which he found himself.

The officer who had been sent to inquire met Denisov on the way with the news that Dolokhov was soon coming and that all was well with him.

Denisov at once cheered up and, calling Petya to him, said: "Well, tell me about yourself."

CHAPTER VII

Petya, having left his people after their departure from Moscow,

joined his regiment and was soon taken as orderly by a general commanding a large guerrilla detachment. From the time he received his commission, and especially since he had joined the active army and taken part in the battle of Vyazma, Petya had been in a constant state of blissful excitement at being grown-up and in a perpetual ecstatic hurry not to miss any chance to do something really heroic. He was highly delighted with what he saw and experienced in the army, but at the same time it always seemed to him that the really heroic exploits were being performed just where he did not happen to be. And he was always in a hurry to get where he was not.

When on the twenty-first of October his general expressed a wish to send somebody to Denisov's detachment, Petya begged so piteously to be sent that the general could not refuse. But when dispatching him he recalled Petya's mad action at the battle of Vyazma, where instead of riding by the road to the place to which he had been sent, he had galloped to the advanced line under the fire of the French and had there twice fired his pistol. So now the general explicitly forbade his taking part in any action whatever of Denisov's. That was why Petya had blushed and grown confused when Denisov asked him whether he could stay. Before they had ridden to the outskirts of the forest Petya had considered he must carry out his instructions strictly and return at once. But when he saw the French and saw Tikhon and learned that there would certainly be an attack that night, he decided, with the rapidity with which young people change their views, that the general, whom he had greatly respected till then, was a rubbishy German, that Denisov was a hero, the esaul a hero, and Tikhon a hero too, and that it would be shameful for him to leave them at a moment of difficulty.

It was already growing dusk when Denisov, Petya, and the esaul rode up to the watchhouse. In the twilight saddled horses could be seen, and Cossacks and hussars who had rigged up rough shelters in the glade and were kindling glowing fires in a hollow of the forest where the French could not see the smoke. In the passage of the small watchhouse a Cossack with sleeves rolled up was chopping some mutton. In the room three officers of Denisov's band were converting a door into a tabletop. Petya took off his wet clothes, gave them to be dried, and at once began helping the officers to fix up the dinner table.

In ten minutes the table was ready and a napkin spread on it. On the table were vodka, a flask of rum, white bread, roast mutton, and salt.

Sitting at table with the officers and tearing the fat savory mutton with his hands, down which the grease trickled, Petya was in an ecstatic childish state of love for all men, and consequently of confidence that others loved him in the same way.

"So then what do you think, Vasili Dmitrich?" said he to Denisov. "It's all right my staying a day with you?" And not waiting for a reply he answered his own question: "You see I was told to find out-well, I am finding out.... Only do let me into the very... into the chief... I don't want a reward... But I want..."

Petya clenched his teeth and looked around, throwing back his head and flourishing his arms.

"Into the vevy chief..." Denisov repeated with a smile.

"Only, please let me command something, so that I may really command..." Petya went on. "What would it be to you?... Oh, you want a knife?" he said, turning to an officer who wished to cut himself a piece of mutton.

And he handed him his clasp knife. The officer admired it.

"Please keep it. I have several like it," said Petya, blushing. "Heavens! I was quite forgetting!" he suddenly cried. "I have some raisins, fine ones; you know, seedless ones. We have a new sutler and he has such capital things. I bought ten pounds. I am used to something sweet. Would you like some?..." and Petya ran out into the passage to his Cossack and brought back some bags which contained about five pounds of raisins. "Have some, gentlemen, have some!"

"You want a coffeepot, don't you?" he asked the esaul. "I bought a capital one from our sutler! He has splendid things. And he's very honest, that's the chief thing. I'll be sure to send it to you. Or perhaps your flints are giving out, or are worn out--that happens sometimes, you know. I have brought some with me, here they are"- and he showed a bag--"a hundred flints. I bought them very cheap. Please take as many as you want, or all if you like...."

Then suddenly, dismayed lest he had said too much, Petya stopped and blushed.

He tried to remember whether he had not done anything else that was foolish. And running over the events of the day he remembered the French drummer boy. "It's capital for us here, but what of him? Where have they put him? Have they fed him? Haven't they hurt his feelings?" he thought. But having caught himself saying too much about the flints, he was now afraid to speak out.

"I might ask," he thought, "but they'll say: 'He's a boy himself and so he pities the boy.' I'll show them tomorrow whether I'm a boy. Will it seem odd if I ask?" Petya thought. "Well, never mind!" and

immediately, blushing and looking anxiously at the officers to see if they appeared ironical, he said:

"May I call in that boy who was taken prisoner and give him something to eat?... Perhaps..."

"Yes, he's a poor little fellow," said Denisov, who evidently saw nothing shameful in this reminder. "Call him in. His name is Vincent Bosse. Have him fetched."

"I'll call him," said Petya.

"Yes, yes, call him. A poor little fellow," Denisov repeated.

Petya was standing at the door when Denisov said this. He slipped in between the officers, came close to Denisov, and said:

"Let me kiss you, dear old fellow! Oh, how fine, how splendid!"

And having kissed Denisov he ran out of the hut.

"Bosse! Vincent!" Petya cried, stopping outside the door.

"Who do you want, sir?" asked a voice in the darkness.

Petya replied that he wanted the French lad who had been captured that day.

"Ah, Vesenny?" said a Cossack.

Vincent, the boy's name, had already been changed by the Cossacks into Vesenny (vernal) and into Vesenya by the peasants and soldiers. In both these adaptations the reference to spring (vesna) matched the impression made by the young lad.

"He is warming himself there by the bonfire. Ho, Vesenya! Vesenya!--Vesenny!" laughing voices were heard calling to one another in the darkness.

"He's a smart lad," said an hussar standing near Petya. "We gave him something to eat a while ago. He was awfully hungry!"

The sound of bare feet splashing through the mud was heard in the darkness, and the drummer boy came to the door.

"Ah, c'est vous!" said Petya. "Voulez-vous manger? N'ayez pas peur, on ne vous fera pas de mal,"* he added shyly and affectionately, touching the boy's hand. "Entrez, entrez."*[2]

*"Ah, it's you! Do you want something to eat? Don't be afraid, they won't hurt you."

*[2] "Come in, come in."

"Merci, monsieur,"* said the drummer boy in a trembling almost childish voice, and he began scraping his dirty feet on the threshold.

*"Thank you, sir."

There were many things Petya wanted to say to the drummer boy, but did not dare to. He stood irresolutely beside him in the passage. Then in the darkness he took the boy's hand and pressed it.

"Come in, come in!" he repeated in a gentle whisper. "Oh, what can I do for him?" he thought, and opening the door he let the boy pass in first.

When the boy had entered the hut, Petya sat down at a distance from him, considering it beneath his dignity to pay attention to him. But he fingered the money in his pocket and wondered whether it would seem ridiculous to give some to the drummer boy.

CHAPTER VIII

The arrival of Dolokhov diverted Petya's attention from the drummer boy, to whom Denisov had had some mutton and vodka given, and whom he had had dressed in a Russian coat so that he might be kept with their band and not sent away with the other prisoners. Petya had heard in the army many stories of Dolokhov's extraordinary bravery and of his cruelty to the French, so from the moment he entered the hut Petya did not take his eyes from him, but braced himself up more and more and held his head high, that he might not be unworthy even of such company.

Dolokhov's appearance amazed Petya by its simplicity.

Denisov wore a Cossack coat, had a beard, had an icon of Nicholas

the Wonder-Worker on his breast, and his way of speaking and everything he did indicated his unusual position. But Dolokhov, who in Moscow had worn a Persian costume, had now the appearance of a most correct officer of the Guards. He was clean-shaven and wore a Guardsman's padded coat with an Order of St. George at his buttonhole and a plain forage cap set straight on his head. He took off his wet felt cloak in a corner of the room, and without greeting anyone went up to Denisov and began questioning him about the matter in hand. Denisov told him of the designs the large detachments had on the transport, of the message Petya had brought, and his own replies to both generals. Then he told him all he knew of the French detachment.

"That's so. But we must know what troops they are and their numbers," said Dolokhov. "It will be necessary to go there. We can't start the affair without knowing for certain how many there are. I like to work accurately. Here now--wouldn't one of these gentlemen like to ride over to the French camp with me? I have brought a spare uniform."

"I, I... I'll go with you!" cried Petya.

"There's no need for you to go at all," said Denisov, addressing Dolokhov, "and as for him, I won't let him go on any account."

"I like that!" exclaimed Petya. "Why shouldn't I go?"

"Because it's useless."

"Well, you must excuse me, because... because... I shall go, and that's all. You'll take me, won't you?" he said, turning to Dolokhov.

"Why not?" Dolokhov answered absently, scrutinizing the face of the French drummer boy. "Have you had that youngster with you long?" he asked Denisov.

"He was taken today but he knows nothing. I'm keeping him with me."

"Yes, and where do you put the others?" inquired Dolokhov.

"Where? I send them away and take a receipt for them," shouted Denisov, suddenly flushing. "And I say boldly that I have not a single man's life on my conscience. Would it be difficult for you to send thirty or three hundred men to town under escort, instead of staining--I speak bluntly--staining the honor of a soldier?"

"That kind of amiable talk would be suitable from this young count of sixteen," said Dolokhov with cold irony, "but it's time for you

to drop it."

"Why, I've not said anything! I only say that I'll certainly go with you," said Petya shyly.

"But for you and me, old fellow, it's time to drop these amenities," continued Dolokhov, as if he found particular pleasure in speaking of this subject which irritated Denisov. "Now, why have you kept this lad?" he went on, swaying his head. "Because you are sorry for him! Don't we know those 'receipts' of yours? You send a hundred men away, and thirty get there. The rest either starve or get killed. So isn't it all the same not to send them?"

The esaul, screwing up his light-colored eyes, nodded approvingly.

"That's not the point. I'm not going to discuss the matter. I do not wish to take it on my conscience. You say they'll die. All wight. Only not by my fault!"

Dolokhov began laughing.

"Who has told them not to capture me these twenty times over? But if they did catch me they'd string me up to an aspen tree, and with all your chivalry just the same." He paused. "However, we must get to work. Tell the Cossack to fetch my kit. I have two French uniforms in it. Well, are you coming with me?" he asked Petya.

"I? Yes, yes, certainly!" cried Petya, blushing almost to tears and glancing at Denisov.

While Dolokhov had been disputing with Denisov what should be done with prisoners, Petya had once more felt awkward and restless; but again he had no time to grasp fully what they were talking about. "If grown-up, distinguished men think so, it must be necessary and right," thought he. "But above all Denisov must not dare to imagine that I'll obey him and that he can order me about. I will certainly go to the French camp with Dolokhov. If he can, so can I!"

And to all Denisov's persuasions, Petya replied that he too was accustomed to do everything accurately and not just anyhow, and that he never considered personal danger.

"For you'll admit that if we don't know for sure how many of them there are... hundreds of lives may depend on it, while there are only two of us. Besides, I want to go very much and certainly will go, so don't hinder me," said he. "It will only make things worse..."

CHAPTER IX

Having put on French greatcoats and shakos, Petya and Dolokhov rode to the clearing from which Denisov had reconnoitered the French camp, and emerging from the forest in pitch darkness they descended into the hollow. On reaching the bottom, Dolokhov told the Cossacks accompanying him to await him there and rode on at a quick trot along the road to the bridge. Petya, his heart in his mouth with excitement, rode by his side.

"If we're caught, I won't be taken alive! I have a pistol," whispered he.

"Don't talk Russian," said Dolokhov in a hurried whisper, and at that very moment they heard through the darkness the challenge: "Qui vive?"* and the click of a musket.

*"Who goes there?"

The blood rushed to Petya's face and he grasped his pistol.

"Lanciers du 6-me,"* replied Dolokhov, neither hastening nor slackening his horse's pace.

*"Lancers of the 6th Regiment."

The black figure of a sentinel stood on the bridge.

"Mot d'ordre."*

*"Password."

Dolokhov reined in his horse and advanced at a walk.

"Dites donc, le colonel Gerard est ici?"* he asked.

*"Tell me, is Colonel Gerard here?"

"Mot d'ordre," repeated the sentinel, barring the way and not replying.

"Quand un officier fait sa ronde, les sentinelles ne demandent pas le mot d'ordre..." cried Dolokhov suddenly flaring up and riding straight at the sentinel. "Je vous demande si le colonel est ici."*

*"When an officer is making his round, sentinels don't ask him for the password.... I am asking you if the colonel is here."

And without waiting for an answer from the sentinel, who had stepped aside, Dolokhov rode up the incline at a walk.

Noticing the black outline of a man crossing the road, Dolokhov stopped him and inquired where the commander and officers were. The man, a soldier with a sack over his shoulder, stopped, came close up to Dolokhov's horse, touched it with his hand, and explained simply and in a friendly way that the commander and the officers were higher up the hill to the right in the courtyard of the farm, as he called the landowner's house.

Having ridden up the road, on both sides of which French talk could be heard around the campfires, Dolokhov turned into the courtyard of the landowner's house. Having ridden in, he dismounted and approached a big blazing campfire, around which sat several men talking noisily. Something was boiling in a small cauldron at the edge of the fire and a soldier in a peaked cap and blue overcoat, lit up by the fire, was kneeling beside it stirring its contents with a ramrod.

"Oh, he's a hard nut to crack," said one of the officers who was sitting in the shadow at the other side of the fire.

"He'll make them get a move on, those fellows!" said another, laughing.

Both fell silent, peering out through the darkness at the sound of Dolokhov's and Petya's steps as they advanced to the fire leading their horses.

"Bonjour, messieurs!"* said Dolokhov loudly and clearly.

*"Good day, gentlemen."

There was a stir among the officers in the shadow beyond the fire, and one tall, long-necked officer, walking round the fire, came up to Dolokhov.

"Is that you, Clement?" he asked. "Where the devil...?" But, noticing his mistake, he broke off short and, with a frown, greeted Dolokhov as a stranger, asking what he could do for him.

Dolokhov said that he and his companion were trying to overtake their regiment, and addressing the company in general asked whether they knew anything of the 6th Regiment. None of them knew anything, and Petya thought the officers were beginning to look at him and Dolokhov with hostility and suspicion. For some seconds all were silent.

"If you were counting on the evening soup, you have come too late," said a voice from behind the fire with a repressed laugh.

Dolokhov replied that they were not hungry and must push on farther that night.

He handed the horses over to the soldier who was stirring the pot and squatted down on his heels by the fire beside the officer with the long neck. That officer did not take his eyes from Dolokhov and again asked to what regiment he belonged. Dolokhov, as if he had not heard the question, did not reply, but lighting a short French pipe which he took from his pocket began asking the officer in how far the road before them was safe from Cossacks.

"Those brigands are everywhere," replied an officer from behind the fire.

Dolokhov remarked that the Cossacks were a danger only to stragglers such as his companion and himself, "but probably they would not dare to attack large detachments?" he added inquiringly. No one replied.

"Well, now he'll come away," Petya thought every moment as he stood by the campfire listening to the talk.

But Dolokhov restarted the conversation which had dropped and began putting direct questions as to how many men there were in the battalion, how many battalions, and how many prisoners. Asking about the Russian prisoners with that detachment, Dolokhov said:

"A horrid business dragging these corpses about with one! It would be better to shoot such rabble," and burst into loud laughter, so strange that Petya thought the French would immediately detect their

disguise, and involuntarily took a step back from the campfire.

No one replied a word to Dolokhov's laughter, and a French officer whom they could not see (he lay wrapped in a greatcoat) rose and whispered something to a companion. Dolokhov got up and called to the soldier who was holding their horses.

"Will they bring our horses or not?" thought Petya, instinctively drawing nearer to Dolokhov.

The horses were brought.

"Good evening, gentlemen," said Dolokhov.

Petya wished to say "Good night" but could not utter a word. The officers were whispering together. Dolokhov was a long time mounting his horse which would not stand still, then he rode out of the yard at a footpace. Petya rode beside him, longing to look round to see whether or no the French were running after them, but not daring to.

Coming out onto the road Dolokhov did not ride back across the open country, but through the village. At one spot he stopped and listened. "Do you hear?" he asked. Petya recognized the sound of Russian voices and saw the dark figures of Russian prisoners round their campfires. When they had descended to the bridge Petya and Dolokhov rode past the sentinel, who without saying a word paced morosely up and down it, then they descended into the hollow where the Cossacks awaited them.

"Well now, good-by. Tell Denisov, 'at the first shot at daybreak,'" said Dolokhov and was about to ride away, but Petya seized hold of him.

"Really!" he cried, "you are such a hero! Oh, how fine, how splendid! How I love you!"

"All right, all right!" said Dolokhov. But Petya did not let go of him and Dolokhov saw through the gloom that Petya was bending toward him and wanted to kiss him. Dolokhov kissed him, laughed, turned his horse, and vanished into the darkness.

CHAPTER X

Having returned to the watchman's hut, Petya found Denisov in the passage. He was awaiting Petya's return in a state of agitation, anxiety, and self-reproach for having let him go.

"Thank God!" he exclaimed. "Yes, thank God!" he repeated, listening to Petya's rapturous account. "But, devil take you, I haven't slept because of you! Well, thank God. Now lie down. We can still get a nap before morning."

"But... no," said Petya, "I don't want to sleep yet. Besides I know myself, if I fall asleep it's finished. And then I am used to not sleeping before a battle."

He sat awhile in the hut joyfully recalling the details of his expedition and vividly picturing to himself what would happen next day.

Then, noticing that Denisov was asleep, he rose and went out of doors.

It was still quite dark outside. The rain was over, but drops were still falling from the trees. Near the watchman's hut the black shapes of the Cossacks' shanties and of horses tethered together could be seen. Behind the hut the dark shapes of the two wagons with their horses beside them were discernible, and in the hollow the dying campfire gleamed red. Not all the Cossacks and hussars were asleep; here and there, amid the sounds of falling drops and the munching of the horses near by, could be heard low voices which seemed to be whispering.

Petya came out, peered into the darkness, and went up to the wagons. Someone was snoring under them, and around them stood saddled horses munching their oats. In the dark Petya recognized his own horse, which he called "Karabakh" though it was of Ukrainian breed, and went up to it.

"Well, Karabakh! We'll do some service tomorrow," said he, sniffing its nostrils and kissing it.

"Why aren't you asleep, sir?" said a Cossack who was sitting under a wagon.

"No, ah... Likhachev--isn't that your name? Do you know I have only just come back! We've been into the French camp."

And Petya gave the Cossack a detailed account not only of his ride but also of his object, and why he considered it better to risk his life than to act "just anyhow."

"Well, you should get some sleep now," said the Cossack.

"No, I am used to this," said Petya. "I say, aren't the flints in your pistols worn out? I brought some with me. Don't you want any? You can have some."

The Cossack bent forward from under the wagon to get a closer look at Petya.

"Because I am accustomed to doing everything accurately," said Petya. "Some fellows do things just anyhow, without preparation, and then they're sorry for it afterwards. I don't like that."

"Just so," said the Cossack.

"Oh yes, another thing! Please, my dear fellow, will you sharpen my saber for me? It's got bl..." (Petya feared to tell a lie, and the saber never had been sharpened.) "Can you do it?"

"Of course I can."

Likhachev got up, rummaged in his pack, and soon Petya heard the warlike sound of steel on whetstone. He climbed onto the wagon and sat on its edge. The Cossack was sharpening the saber under the wagon.

"I say! Are the lads asleep?" asked Petya.

"Some are, and some aren't--like us."

"Well, and that boy?"

"Vesenny? Oh, he's thrown himself down there in the passage. Fast asleep after his fright. He was that glad!"

After that Petya remained silent for a long time, listening to the sounds. He heard footsteps in the darkness and a black figure appeared.

"What are you sharpening?" asked a man coming up to the wagon.

"Why, this gentleman's saber."

"That's right," said the man, whom Petya took to be an hussar.

"Was the cup left here?"

"There, by the wheel!"

The hussar took the cup.

"It must be daylight soon," said he, yawning, and went away.

Petya ought to have known that he was in a forest with Denisov's guerrilla band, less than a mile from the road, sitting on a wagon captured from the French beside which horses were tethered, that under it Likhachev was sitting sharpening a saber for him, that the big dark blotch to the right was the watchman's hut, and the red blotch below to the left was the dying embers of a campfire, that the man who had come for the cup was an hussar who wanted a drink; but he neither knew nor waited to know anything of all this. He was in a fairy kingdom where nothing resembled reality. The big dark blotch might really be the watchman's hut or it might be a cavern leading to the very depths of the earth. Perhaps the red spot was a fire, or it might be the eye of an enormous monster. Perhaps he was really sitting on a wagon, but it might very well be that he was not sitting on a wagon but on a terribly high tower from which, if he fell, he would have to fall for a whole day or a whole month, or go on falling and never reach the bottom. Perhaps it was just the Cossack, Likhachev, who was sitting under the wagon, but it might be the kindest, bravest, most wonderful, most splendid man in the world, whom no one knew of. It might really have been that the hussar came for water and went back into the hollow, but perhaps he had simply vanished--disappeared altogether and dissolved into nothingness.

Nothing Petya could have seen now would have surprised him. He was in a fairy kingdom where everything was possible.

He looked up at the sky. And the sky was a fairy realm like the earth. It was clearing, and over the tops of the trees clouds were swiftly sailing as if unveiling the stars. Sometimes it looked as if the clouds were passing, and a clear black sky appeared. Sometimes it seemed as if the black spaces were clouds. Sometimes the sky seemed to be rising high, high overhead, and then it seemed to sink so low that one could touch it with one's hand.

Petya's eyes began to close and he swayed a little.

The trees were dripping. Quiet talking was heard. The horses neighed and jostled one another. Someone snored.

"Ozheg-zheg, Ozheg-zheg..." hissed the saber against the whetstone, and suddenly Petya heard an harmonious orchestra playing some unknown, sweetly solemn hymn. Petya was as musical as Natasha and more so than Nicholas, but had never learned music or thought about it, and so the melody that unexpectedly came to his mind seemed to him

particularly fresh and attractive. The music became more and more audible. The melody grew and passed from one instrument to another. And what was played was a fugue--though Petya had not the least conception of what a fugue is. Each instrument--now resembling a violin and now a horn, but better and clearer than violin or horn--played its own part, and before it had finished the melody merged with another instrument that began almost the same air, and then with a third and a fourth; and they all blended into one and again became separate and again blended, now into solemn church music, now into something dazzlingly brilliant and triumphant.

"Oh--why, that was in a dream!" Petya said to himself, as he lurched forward. "It's in my ears. But perhaps it's music of my own. Well, go on, my music! Now!..."

He closed his eyes, and, from all sides as if from a distance, sounds fluttered, grew into harmonies, separated, blended, and again all mingled into the same sweet and solemn hymn. "Oh, this is delightful! As much as I like and as I like!" said Petya to himself. He tried to conduct that enormous orchestra.

"Now softly, softly die away!" and the sounds obeyed him. "Now fuller, more joyful. Still more and more joyful!" And from an unknown depth rose increasingly triumphant sounds. "Now voices join in!" ordered Petya. And at first from afar he heard men's voices and then women's. The voices grew in harmonious triumphant strength, and Petya listened to their surpassing beauty in awe and joy.

With a solemn triumphal march there mingled a song, the drip from the trees, and the hissing of the saber, "Ozheg-zheg-zheg..." and again the horses jostled one another and neighed, not disturbing the choir but joining in it.

Petya did not know how long this lasted: he enjoyed himself all the time, wondered at his enjoyment and regretted that there was no one to share it. He was awakened by Likhachev's kindly voice.

"It's ready, your honor; you can split a Frenchman in half with it!"

Petya woke up.

"It's getting light, it's really getting light!" he exclaimed.

The horses that had previously been invisible could now be seen to their very tails, and a watery light showed itself through the bare branches. Petya shook himself, jumped up, took a ruble from his pocket and gave it to Likhachev; then he flourished the saber, tested it, and sheathed it. The Cossacks were untying their horses and tightening

their saddle girths.

"And here's the commander," said Likhachev.

Denisov came out of the watchman's hut and, having called Petya, gave orders to get ready.

CHAPTER XI

The men rapidly picked out their horses in the semidarkness, tightened their saddle girths, and formed companies. Denisov stood by the watchman's hut giving final orders. The infantry of the detachment passed along the road and quickly disappeared amid the trees in the mist of early dawn, hundreds of feet splashing through the mud. The esaul gave some orders to his men. Petya held his horse by the bridle, impatiently awaiting the order to mount. His face, having been bathed in cold water, was all aglow, and his eyes were particularly brilliant. Cold shivers ran down his spine and his whole body pulsed rhythmically.

"Well, is ev'wything weady?" asked Denisov. "Bwing the horses."

The horses were brought. Denisov was angry with the Cossack because the saddle girths were too slack, reproved him, and mounted. Petya put his foot in the stirrup. His horse by habit made as if to nip his leg, but Petya leaped quickly into the saddle unconscious of his own weight and, turning to look at the hussars starting in the darkness behind him, rode up to Denisov.

"Vasili Dmitrich, entrust me with some commission! Please... for God's sake...!" said he.

Denisov seemed to have forgotten Petya's very existence. He turned to glance at him.

"I ask one thing of you," he said sternly, "to obey me and not shove yourself forward anywhere."

He did not say another word to Petya but rode in silence all the way. When they had come to the edge of the forest it was noticeably growing light over the field. Denisov talked in whispers with the esaul and the Cossacks rode past Petya and Denisov. When they had all ridden by, Denisov touched his horse and rode down the hill. Slipping onto their haunches and sliding, the horses descended with

their riders into the ravine. Petya rode beside Denisov, the pulsation of his body constantly increasing. It was getting lighter and lighter, but the mist still hid distant objects. Having reached the valley, Denisov looked back and nodded to a Cossack beside him.

"The signal!" said he.

The Cossack raised his arm and a shot rang out. In an instant the tramp of horses galloping forward was heard, shouts came from various sides, and then more shots.

At the first sound of trampling hoofs and shouting, Petya lashed his horse and loosening his rein galloped forward, not heeding Denisov who shouted at him. It seemed to Petya that at the moment the shot was fired it suddenly became as bright as noon. He galloped to the bridge. Cossacks were galloping along the road in front of him. On the bridge he collided with a Cossack who had fallen behind, but he galloped on. In front of him soldiers, probably Frenchmen, were running from right to left across the road. One of them fell in the mud under his horse's feet.

Cossacks were crowding about a hut, busy with something. From the midst of that crowd terrible screams arose. Petya galloped up, and the first thing he saw was the pale face and trembling jaw of a Frenchman, clutching the handle of a lance that had been aimed at him.

"Hurrah!... Lads!... ours!" shouted Petya, and giving rein to his excited horse he galloped forward along the village street.

He could hear shooting ahead of him. Cossacks, hussars, and ragged Russian prisoners, who had come running from both sides of the road, were shouting something loudly and incoherently. A gallant-looking Frenchman, in a blue overcoat, capless, and with a frowning red face, had been defending himself against the hussars. When Petya galloped up the Frenchman had already fallen. "Too late again!" flashed through Petya's mind and he galloped on to the place from which the rapid firing could be heard. The shots came from the yard of the landowner's house he had visited the night before with Dolokhov. The French were making a stand there behind a wattle fence in a garden thickly overgrown with bushes and were firing at the Cossacks who crowded at the gateway. Through the smoke, as he approached the gate, Petya saw Dolokhov, whose face was of a pale-greenish tint, shouting to his men. "Go round! Wait for the infantry!" he exclaimed as Petya rode up to him.

"Wait?... Hurrah-ah-ah!" shouted Petya, and without pausing a moment galloped to the place whence came the sounds of firing and where the smoke was thickest.

A volley was heard, and some bullets whistled past, while others plashed against something. The Cossacks and Dolokhov galloped after Petya into the gateway of the courtyard. In the dense wavering smoke some of the French threw down their arms and ran out of the bushes to meet the Cossacks, while others ran down the hill toward the pond. Petya was galloping along the courtyard, but instead of holding the reins he waved both his arms about rapidly and strangely, slipping farther and farther to one side in his saddle. His horse, having galloped up to a campfire that was smoldering in the morning light, stopped suddenly, and Petya fell heavily on to the wet ground. The Cossacks saw that his arms and legs jerked rapidly though his head was quite motionless. A bullet had pierced his skull.

After speaking to the senior French officer, who came out of the house with a white handkerchief tied to his sword and announced that they surrendered, Dolokhov dismounted and went up to Petya, who lay motionless with outstretched arms.

"Done for!" he said with a frown, and went to the gate to meet Denisov who was riding toward him.

"Killed?" cried Denisov, recognizing from a distance the unmistakably lifeless attitude--very familiar to him--in which Petya's body was lying.

"Done for!" repeated Dolokhov as if the utterance of these words afforded him pleasure, and he went quickly up to the prisoners, who were surrounded by Cossacks who had hurried up. "We won't take them!" he called out to Denisov.

Denisov did not reply; he rode up to Petya, dismounted, and with trembling hands turned toward himself the bloodstained, mud-bespattered face which had already gone white.

"I am used to something sweet. Raisins, fine ones... take them all!" he recalled Petya's words. And the Cossacks looked round in surprise at the sound, like the yelp of a dog, with which Denisov turned away, walked to the wattle fence, and seized hold of it.

Among the Russian prisoners rescued by Denisov and Dolokhov was Pierre Bezukhov.

CHAPTER XII

During the whole of their march from Moscow no fresh orders had been issued by the French authorities concerning the party of prisoners among whom was Pierre. On the twenty-second of October that party was no longer with the same troops and baggage trains with which it had left Moscow. Half the wagons laden with hardtack that had traveled the first stages with them had been captured by Cossacks, the other half had gone on ahead. Not one of those dismounted cavalymen who had marched in front of the prisoners was left; they had all disappeared. The artillery the prisoners had seen in front of them during the first days was now replaced by Marshal Junot's enormous baggage train, convoyed by Westphalians. Behind the prisoners came a cavalry baggage train.

From Vyazma onwards the French army, which had till then moved in three columns, went on as a single group. The symptoms of disorder that Pierre had noticed at their first halting place after leaving Moscow had now reached the utmost limit.

The road along which they moved was bordered on both sides by dead horses; ragged men who had fallen behind from various regiments continually changed about, now joining the moving column, now again lagging behind it.

Several times during the march false alarms had been given and the soldiers of the escort had raised their muskets, fired, and run headlong, crushing one another, but had afterwards reassembled and abused each other for their causeless panic.

These three groups traveling together--the cavalry stores, the convoy of prisoners, and Junot's baggage train--still constituted a separate and united whole, though each of the groups was rapidly melting away.

Of the artillery baggage train which had consisted of a hundred and twenty wagons, not more than sixty now remained; the rest had been captured or left behind. Some of Junot's wagons also had been captured or abandoned. Three wagons had been raided and robbed by stragglers from Davout's corps. From the talk of the Germans Pierre learned that a larger guard had been allotted to that baggage train than to the prisoners, and that one of their comrades, a German soldier, had been shot by the marshal's own order because a silver spoon belonging to the marshal had been found in his possession.

The group of prisoners had melted away most of all. Of the three hundred and thirty men who had set out from Moscow fewer than a hundred now remained. The prisoners were more burdensome to the escort than even the cavalry saddles or Junot's baggage. They understood that

the saddles and Junot's spoon might be of some use, but that cold and hungry soldiers should have to stand and guard equally cold and hungry Russians who froze and lagged behind on the road (in which case the order was to shoot them) was not merely incomprehensible but revolting. And the escort, as if afraid, in the grievous condition they themselves were in, of giving way to the pity they felt for the prisoners and so rendering their own plight still worse, treated them with particular moroseness and severity.

At Dorogobuzh while the soldiers of the convoy, after locking the prisoners in a stable, had gone off to pillage their own stores, several of the soldier prisoners tunneled under the wall and ran away, but were recaptured by the French and shot.

The arrangement adopted when they started, that the officer prisoners should be kept separate from the rest, had long since been abandoned. All who could walk went together, and after the third stage Pierre had rejoined Karataev and the gray-blue bandy-legged dog that had chosen Karataev for its master.

On the third day after leaving Moscow Karataev again fell ill with the fever he had suffered from in the hospital in Moscow, and as he grew gradually weaker Pierre kept away from him. Pierre did not know why, but since Karataev had begun to grow weaker it had cost him an effort to go near him. When he did so and heard the subdued moaning with which Karataev generally lay down at the halting places, and when he smelled the odor emanating from him which was now stronger than before, Pierre moved farther away and did not think about him.

While imprisoned in the shed Pierre had learned not with his intellect but with his whole being, by life itself, that man is created for happiness, that happiness is within him, in the satisfaction of simple human needs, and that all unhappiness arises not from privation but from superfluity. And now during these last three weeks of the march he had learned still another new, consolatory truth--that nothing in this world is terrible. He had learned that as there is no condition in which man can be happy and entirely free, so there is no condition in which he need be unhappy and lack freedom. He learned that suffering and freedom have their limits and that those limits are very near together; that the person in a bed of roses with one crumpled petal suffered as keenly as he now, sleeping on the bare damp earth with one side growing chilled while the other was warming; and that when he had put on tight dancing shoes he had suffered just as he did now when he walked with bare feet that were covered with sores--his footgear having long since fallen to pieces. He discovered that when he had married his wife--of his own free will as it had seemed to him--he had been no more free than now when they locked him up at night in a stable. Of all that he himself

subsequently termed his sufferings, but which at the time he scarcely felt, the worst was the state of his bare, raw, and scab-covered feet. (The horseflesh was appetizing and nourishing, the saltpeter flavor of the gunpowder they used instead of salt was even pleasant; there was no great cold, it was always warm walking in the daytime, and at night there were the campfires; the lice that devoured him warmed his body.) The one thing that was at first hard to bear was his feet.

After the second day's march Pierre, having examined his feet by the campfire, thought it would be impossible to walk on them; but when everybody got up he went along, limping, and, when he had warmed up, walked without feeling the pain, though at night his feet were more terrible to look at than before. However, he did not look at them now, but thought of other things.

Only now did Pierre realize the full strength of life in man and the saving power he has of transferring his attention from one thing to another, which is like the safety valve of a boiler that allows superfluous steam to blow off when the pressure exceeds a certain limit.

He did not see and did not hear how they shot the prisoners who lagged behind, though more than a hundred perished in that way. He did not think of Karataev who grew weaker every day and evidently would soon have to share that fate. Still less did Pierre think about himself. The harder his position became and the more terrible the future, the more independent of that position in which he found himself were the joyful and comforting thoughts, memories, and imaginings that came to him.

CHAPTER XIII

At midday on the twenty-second of October Pierre was going uphill along the muddy, slippery road, looking at his feet and at the roughness of the way. Occasionally he glanced at the familiar crowd around him and then again at his feet. The former and the latter were alike familiar and his own. The blue-gray bandy legged dog ran merrily along the side of the road, sometimes in proof of its agility and self-satisfaction lifting one hind leg and hopping along on three, and then again going on all four and rushing to bark at the crows that sat on the carrion. The dog was merrier and sleeker than it had been in Moscow. All around lay the flesh of different

animals--from men to horses--in various stages of decomposition; and as the wolves were kept off by the passing men the dog could eat all it wanted.

It had been raining since morning and had seemed as if at any moment it might cease and the sky clear, but after a short break it began raining harder than before. The saturated road no longer absorbed the water, which ran along the ruts in streams.

Pierre walked along, looking from side to side, counting his steps in threes, and reckoning them off on his fingers. Mentally addressing the rain, he repeated: "Now then, now then, go on! Pelt harder!"

It seemed to him that he was thinking of nothing, but far down and deep within him his soul was occupied with something important and comforting. This something was a most subtle spiritual deduction from a conversation with Karataev the day before.

At their yesterday's halting place, feeling chilly by a dying campfire, Pierre had got up and gone to the next one, which was burning better. There Platon Karataev was sitting covered up--head and all--with his greatcoat as if it were a vestment, telling the soldiers in his effective and pleasant though now feeble voice a story Pierre knew. It was already past midnight, the hour when Karataev was usually free of his fever and particularly lively. When Pierre reached the fire and heard Platon's voice enfeebled by illness, and saw his pathetic face brightly lit up by the blaze, he felt a painful prick at his heart. His feeling of pity for this man frightened him and he wished to go away, but there was no other fire, and Pierre sat down, trying not to look at Platon.

"Well, how are you?" he asked.

"How am I? If we grumble at sickness, God won't grant us death," replied Platon, and at once resumed the story he had begun.

"And so, brother," he continued, with a smile on his pale emaciated face and a particularly happy light in his eyes, "you see, brother..."

Pierre had long been familiar with that story. Karataev had told it to him alone some half-dozen times and always with a specially joyful emotion. But well as he knew it, Pierre now listened to that tale as to something new, and the quiet rapture Karataev evidently felt as he told it communicated itself also to Pierre. The story was of an old merchant who lived a good and God-fearing life with his family, and who went once to the Nizhni fair with a companion--a

rich merchant.

Having put up at an inn they both went to sleep, and next morning his companion was found robbed and with his throat cut. A bloodstained knife was found under the old merchant's pillow. He was tried, knouted, and his nostrils having been torn off, "all in due form" as Karataev put it, he was sent to hard labor in Siberia.

"And so, brother" (it was at this point that Pierre came up), "ten years or more passed by. The old man was living as a convict, submitting as he should and doing no wrong. Only he prayed to God for death. Well, one night the convicts were gathered just as we are, with the old man among them. And they began telling what each was suffering for, and how they had sinned against God. One told how he had taken a life, another had taken two, a third had set a house on fire, while another had simply been a vagrant and had done nothing. So they asked the old man: 'What are you being punished for, Daddy?'--'I, my dear brothers,' said he, 'am being punished for my own and other men's sins. But I have not killed anyone or taken anything that was not mine, but have only helped my poorer brothers. I was a merchant, my dear brothers, and had much property. 'And he went on to tell them all about it in due order. 'I don't grieve for myself,' he says, 'God, it seems, has chastened me. Only I am sorry for my old wife and the children,' and the old man began to weep. Now it happened that in the group was the very man who had killed the other merchant. 'Where did it happen, Daddy?' he said. 'When, and in what month?' He asked all about it and his heart began to ache. So he comes up to the old man like this, and falls down at his feet! 'You are perishing because of me, Daddy,' he says. 'It's quite true, lads, that this man,' he says, 'is being tortured innocently and for nothing! I,' he says, 'did that deed, and I put the knife under your head while you were asleep. Forgive me, Daddy,' he says, 'for Christ's sake!'"

Karataev paused, smiling joyously as he gazed into the fire, and he drew the logs together.

"And the old man said, 'God will forgive you, we are all sinners in His sight. I suffer for my own sins,' and he wept bitter tears. Well, and what do you think, dear friends?" Karataev continued, his face brightening more and more with a rapturous smile as if what he now had to tell contained the chief charm and the whole meaning of his story: "What do you think, dear fellows? That murderer confessed to the authorities. 'I have taken six lives,' he says (he was a great sinner), 'but what I am most sorry for is this old man. Don't let him suffer because of me.' So he confessed and it was all written down and the papers sent off in due form. The place was a long way off, and while they were judging, what with one thing and another, filling in the papers all in due form--the authorities I mean--time passed. The

affair reached the Tsar. After a while the Tsar's decree came: to set the merchant free and give him a compensation that had been awarded. The paper arrived and they began to look for the old man. 'Where is the old man who has been suffering innocently and in vain? A paper has come from the Tsar!' so they began looking for him," here Karataev's lower jaw trembled, "but God had already forgiven him--he was dead! That's how it was, dear fellows!" Karataev concluded and sat for a long time silent, gazing before him with a smile.

And Pierre's soul was dimly but joyfully filled not by the story itself but by its mysterious significance: by the rapturous joy that lit up Karataev's face as he told it, and the mystic significance of that joy.

CHAPTER XIV

"A vos places!"* suddenly cried a voice.

*"To your places."

A pleasant feeling of excitement and an expectation of something joyful and solemn was aroused among the soldiers of the convoy and the prisoners. From all sides came shouts of command, and from the left came smartly dressed cavalymen on good horses, passing the prisoners at a trot. The expression on all faces showed the tension people feel at the approach of those in authority. The prisoners thronged together and were pushed off the road. The convoy formed up.

"The Emperor! The Emperor! The Marshal! The Duke!" and hardly had the sleek cavalry passed, before a carriage drawn by six gray horses rattled by. Pierre caught a glimpse of a man in a three-cornered hat with a tranquil look on his handsome, plump, white face. It was one of the marshals. His eye fell on Pierre's large and striking figure, and in the expression with which he frowned and looked away Pierre thought he detected sympathy and a desire to conceal that sympathy.

The general in charge of the stores galloped after the carriage with a red and frightened face, whipping up his skinny horse. Several officers formed a group and some soldiers crowded round them. Their faces all looked excited and worried.

"What did he say? What did he say?" Pierre heard them ask.

While the marshal was passing, the prisoners had huddled together in a crowd, and Pierre saw Karataev whom he had not yet seen that morning. He sat in his short overcoat leaning against a birch tree. On his face, besides the look of joyful emotion it had worn yesterday while telling the tale of the merchant who suffered innocently, there was now an expression of quiet solemnity.

Karataev looked at Pierre with his kindly round eyes now filled with tears, evidently wishing him to come near that he might say something to him. But Pierre was not sufficiently sure of himself. He made as if he did not notice that look and moved hastily away.

When the prisoners again went forward Pierre looked round. Karataev was still sitting at the side of the road under the birch tree and two Frenchmen were talking over his head. Pierre did not look round again but went limping up the hill.

From behind, where Karataev had been sitting, came the sound of a shot. Pierre heard it plainly, but at that moment he remembered that he had not yet finished reckoning up how many stages still remained to Smolensk--a calculation he had begun before the marshal went by. And he again started reckoning. Two French soldiers ran past Pierre, one of whom carried a lowered and smoking gun. They both looked pale, and in the expression on their faces--one of them glanced timidly at Pierre--there was something resembling what he had seen on the face of the young soldier at the execution. Pierre looked at the soldier and remembered that, two days before, that man had burned his shirt while drying it at the fire and how they had laughed at him.

Behind him, where Karataev had been sitting, the dog began to howl. "What a stupid beast! Why is it howling?" thought Pierre.

His comrades, the prisoner soldiers walking beside him, avoided looking back at the place where the shot had been fired and the dog was howling, just as Pierre did, but there was a set look on all their faces.

CHAPTER XV

The stores, the prisoners, and the marshal's baggage train stopped at the village of Shamshevo. The men crowded together round the

campfires. Pierre went up to the fire, ate some roast horseflesh, lay down with his back to the fire, and immediately fell asleep. He again slept as he had done at Mozhaysk after the battle of Borodino.

Again real events mingled with dreams and again someone, he or another, gave expression to his thoughts, and even to the same thoughts that had been expressed in his dream at Mozhaysk.

"Life is everything. Life is God. Everything changes and moves and that movement is God. And while there is life there is joy in consciousness of the divine. To love life is to love God. Harder and more blessed than all else is to love this life in one's sufferings, in innocent sufferings."

"Karataev!" came to Pierre's mind.

And suddenly he saw vividly before him a long-forgotten, kindly old man who had given him geography lessons in Switzerland. "Wait a bit," said the old man, and showed Pierre a globe. This globe was alive--a vibrating ball without fixed dimensions. Its whole surface consisted of drops closely pressed together, and all these drops moved and changed places, sometimes several of them merging into one, sometimes one dividing into many. Each drop tried to spread out and occupy as much space as possible, but others striving to do the same compressed it, sometimes destroyed it, and sometimes merged with it.

"That is life," said the old teacher.

"How simple and clear it is," thought Pierre. "How is it I did not know it before?"

"God is in the midst, and each drop tries to expand so as to reflect Him to the greatest extent. And it grows, merges, disappears from the surface, sinks to the depths, and again emerges. There now, Karataev has spread out and disappeared. Do you understand, my child?" said the teacher.

"Do you understand, damn you?" shouted a voice, and Pierre woke up.

He lifted himself and sat up. A Frenchman who had just pushed a Russian soldier away was squatting by the fire, engaged in roasting a piece of meat stuck on a ramrod. His sleeves were rolled up and his sinewy, hairy, red hands with their short fingers deftly turned the ramrod. His brown morose face with frowning brows was clearly visible by the glow of the charcoal.

"It's all the same to him," he muttered, turning quickly to a soldier who stood behind him. "Brigand! Get away!"

And twisting the ramrod he looked gloomily at Pierre, who turned away and gazed into the darkness. A prisoner, the Russian soldier the Frenchman had pushed away, was sitting near the fire patting something with his hand. Looking more closely Pierre recognized the blue-gray dog, sitting beside the soldier, wagging its tail.

"Ah, he's come?" said Pierre. "And Plat-" he began, but did not finish.

Suddenly and simultaneously a crowd of memories awoke in his fancy--of the look Platon had given him as he sat under the tree, of the shot heard from that spot, of the dog's howl, of the guilty faces of the two Frenchmen as they ran past him, of the lowered and smoking gun, and of Karataev's absence at this halt--and he was on the point of realizing that Karataev had been killed, but just at that instant, he knew not why, the recollection came to his mind of a summer evening he had spent with a beautiful Polish lady on the veranda of his house in Kiev. And without linking up the events of the day or drawing a conclusion from them, Pierre closed his eyes, seeing a vision of the country in summertime mingled with memories of bathing and of the liquid, vibrating globe, and he sank into water so that it closed over his head.

Before sunrise he was awakened by shouts and loud and rapid firing. French soldiers were running past him.

"The Cossacks!" one of them shouted, and a moment later a crowd of Russians surrounded Pierre.

For a long time he could not understand what was happening to him. All around he heard his comrades sobbing with joy.

"Brothers! Dear fellows! Darlings!" old soldiers exclaimed, weeping, as they embraced Cossacks and hussars.

The hussars and Cossacks crowded round the prisoners; one offered them clothes, another boots, and a third bread. Pierre sobbed as he sat among them and could not utter a word. He hugged the first soldier who approached him, and kissed him, weeping.

Dolokhov stood at the gate of the ruined house, letting a crowd of disarmed Frenchmen pass by. The French, excited by all that had happened, were talking loudly among themselves, but as they passed Dolokhov who gently switched his boots with his whip and watched them with cold glassy eyes that boded no good, they became silent. On the opposite side stood Dolokhov's Cossack, counting the prisoners and marking off each hundred with a chalk line on the gate.

"How many?" Dolokhov asked the Cossack.

"The second hundred," replied the Cossack.

"Filez, filez!"* Dolokhov kept saying, having adopted this expression from the French, and when his eyes met those of the prisoners they flashed with a cruel light.

*"Get along, get along!"

Denisov, bareheaded and with a gloomy face, walked behind some Cossacks who were carrying the body of Petya Rostov to a hole that had been dug in the garden.

CHAPTER XVI

After the twenty-eighth of October when the frosts began, the flight of the French assumed a still more tragic character, with men freezing, or roasting themselves to death at the campfires, while carriages with people dressed in furs continued to drive past, carrying away the property that had been stolen by the Emperor, kings, and dukes; but the process of the flight and disintegration of the French army went on essentially as before.

From Moscow to Vyazma the French army of seventy-three thousand men not reckoning the Guards (who did nothing during the whole war but pillage) was reduced to thirty-six thousand, though not more than five thousand had fallen in battle. From this beginning the succeeding terms of the progression could be determined mathematically. The French army melted away and perished at the same rate from Moscow to Vyazma, from Vyazma to Smolensk, from Smolensk to the Berezina, and from the Berezina to Vilna--independently of the greater or lesser intensity of the cold, the pursuit, the barring of the way, or any other particular conditions. Beyond Vyazma the French army instead of moving in three columns huddled together into one mass, and so went on to the end. Berthier wrote to his Emperor (we know how far commanding officers allow themselves to diverge from the truth in describing the condition of an army) and this is what he said:

I deem it my duty to report to Your Majesty the condition of the various corps I have had occasion to observe during different stages of the last two or three days' march. They are almost disbanded. Scarcely a quarter of the soldiers remain with the standards of their regiments, the others go off by themselves in different directions hoping to find food and escape discipline. In general they regard Smolensk as the place where they hope to recover. During the last few days many of the men have been seen to throw away their cartridges and their arms. In such a state of affairs, whatever your ultimate plans may be, the interest of Your Majesty's service demands that the army should be rallied at Smolensk and should first of all be freed from ineffectives, such as dismounted cavalry, unnecessary baggage, and artillery material that is no longer in proportion to the present forces. The soldiers, who are worn out with hunger and fatigue, need these supplies as well as a few days' rest. Many have died last days on the road or at the bivouacs. This state of things is continually becoming worse and makes one fear that unless a prompt remedy is applied the troops will no longer be under control in case of an engagement.

November 9: twenty miles from Smolensk.

After staggering into Smolensk which seemed to them a promised land, the French, searching for food, killed one another, sacked their own stores, and when everything had been plundered fled farther.

They all went without knowing whither or why they were going. Still less did that genius, Napoleon, know it, for no one issued any orders to him. But still he and those about him retained their old habits: wrote commands, letters, reports, and orders of the day; called one another sire, mon cousin, prince d'Eckmuhl, roi de Naples, and so on. But these orders and reports were only on paper, nothing in them was acted upon for they could not be carried out, and though they entitled one another Majesties, Highnesses, or Cousins, they all felt that they were miserable wretches who had done much evil for which they had now to pay. And though they pretended to be concerned about the army, each was thinking only of himself and of how to get away quickly and save himself.

CHAPTER XVII

The movements of the Russian and French armies during the campaign from Moscow back to the Niemen were like those in a game of Russian

blindman's bluff, in which two players are blindfolded and one of them occasionally rings a little bell to inform the catcher of his whereabouts. First he rings his bell fearlessly, but when he gets into a tight place he runs away as quietly as he can, and often thinking to escape runs straight into his opponent's arms.

At first while they were still moving along the Kaluga road, Napoleon's armies made their presence known, but later when they reached the Smolensk road they ran holding the clapper of their bell tight--and often thinking they were escaping ran right into the Russians.

Owing to the rapidity of the French flight and the Russian pursuit and the consequent exhaustion of the horses, the chief means of approximately ascertaining the enemy's position--by cavalry scouting--was not available. Besides, as a result of the frequent and rapid change of position by each army, even what information was obtained could not be delivered in time. If news was received one day that the enemy had been in a certain position the day before, by the third day when something could have been done, that army was already two days' march farther on and in quite another position.

One army fled and the other pursued. Beyond Smolensk there were several different roads available for the French, and one would have thought that during their stay of four days they might have learned where the enemy was, might have arranged some more advantageous plan and undertaken something new. But after a four days' halt the mob, with no maneuvers or plans, again began running along the beaten track, neither to the right nor to the left but along the old--the worst--road, through Krasnoe and Orsha.

Expecting the enemy from behind and not in front, the French separated in their flight and spread out over a distance of twenty-four hours. In front of them all fled the Emperor, then the kings, then the dukes. The Russian army, expecting Napoleon to take the road to the right beyond the Dnieper--which was the only reasonable thing for him to do--themselves turned to the right and came out onto the highroad at Krasnoe. And here as in a game of blindman's buff the French ran into our vanguard. Seeing their enemy unexpectedly the French fell into confusion and stopped short from the sudden fright, but then they resumed their flight, abandoning their comrades who were farther behind. Then for three days separate portions of the French army--first Murat's (the vice-king's), then Davout's, and then Ney's--ran, as it were, the gauntlet of the Russian army. They abandoned one another, abandoned all their heavy baggage, their artillery, and half their men, and fled, getting past the Russians by night by making semicircles to the right.

Ney, who came last, had been busying himself blowing up the walls of Smolensk which were in nobody's way, because despite the unfortunate plight of the French or because of it, they wished to punish the floor against which they had hurt themselves. Ney, who had had a corps of ten thousand men, reached Napoleon at Orsha with only one thousand men left, having abandoned all the rest and all his cannon, and having crossed the Dnieper at night by stealth at a wooded spot.

From Orsha they fled farther along the road to Vilna, still playing at blindman's buff with the pursuing army. At the Berezina they again became disorganized, many were drowned and many surrendered, but those who got across the river fled farther. Their supreme chief donned a fur coat and, having seated himself in a sleigh, galloped on alone, abandoning his companions. The others who could do so drove away too, leaving those who could not to surrender or die.

CHAPTER XVIII

This campaign consisted in a flight of the French during which they did all they could to destroy themselves. From the time they turned onto the Kaluga road to the day their leader fled from the army, none of the movements of the crowd had any sense. So one might have thought that regarding this period of the campaign the historians, who attributed the actions of the mass to the will of one man, would have found it impossible to make the story of the retreat fit their theory. But no! Mountains of books have been written by the historians about this campaign, and everywhere are described Napoleon's arrangements, the maneuvers, and his profound plans which guided the army, as well as the military genius shown by his marshals.

The retreat from Malo-Yaroslavets when he had a free road into a well-supplied district and the parallel road was open to him along which Kutuzov afterwards pursued him--this unnecessary retreat along a devastated road--is explained to us as being due to profound considerations. Similarly profound considerations are given for his retreat from Smolensk to Orsha. Then his heroism at Krasnoe is described, where he is reported to have been prepared to accept battle and take personal command, and to have walked about with a birch stick and said:

"J'ai assez fait l'empereur; il est temps de faire le general,"* but nevertheless immediately ran away again, abandoning to its fate the

scattered fragments of the army he left behind.

*"I have acted the Emperor long enough; it is time to act the general."

Then we are told of the greatness of soul of the marshals, especially of Ney--a greatness of soul consisting in this: that he made his way by night around through the forest and across the Dnieper and escaped to Orsha, abandoning standards, artillery, and nine tenths of his men.

And lastly, the final departure of the great Emperor from his heroic army is presented to us by the historians as something great and characteristic of genius. Even that final running away, described in ordinary language as the lowest depth of baseness which every child is taught to be ashamed of--even that act finds justification in the historians' language.

When it is impossible to stretch the very elastic threads of historical ratiocination any farther, when actions are clearly contrary to all that humanity calls right or even just, the historians produce a saving conception of "greatness." "Greatness," it seems, excludes the standards of right and wrong. For the "great" man nothing is wrong, there is no atrocity for which a "great" man can be blamed.

"C'est grand!"* say the historians, and there no longer exists either good or evil but only "grand" and "not grand." Grand is good, not grand is bad. Grand is the characteristic, in their conception, of some special animals called "heroes." And Napoleon, escaping home in a warm fur coat and leaving to perish those who were not merely his comrades but were (in his opinion) men he had brought there, feels que c'est grand,*[2] and his soul is tranquil.

*"It is great."

*[2] That it is great.

"Du sublime (he saw something sublime in himself) au ridicule il n'y a qu'un pas,"* said he. And the whole world for fifty years has been repeating: "Sublime! Grand! Napoleon le Grand!" Du sublime au ridicule il n'y a qu'un pas.

*"From the sublime to the ridiculous is but a step."

And it occurs to no one that to admit a greatness not commensurable with the standard of right and wrong is merely to admit one's own nothingness and immeasurable meanness.

For us with the standard of good and evil given us by Christ, no human actions are incommensurable. And there is no greatness where simplicity, goodness, and truth are absent.

CHAPTER XIX

What Russian, reading the account of the last part of the campaign of 1812, has not experienced an uncomfortable feeling of regret, dissatisfaction, and perplexity? Who has not asked himself how it is that the French were not all captured or destroyed when our three armies surrounded them in superior numbers, when the disordered French, hungry and freezing, surrendered in crowds, and when (as the historians relate) the aim of the Russians was to stop the French, to cut them off, and capture them all?

How was it that the Russian army, which when numerically weaker than the French had given battle at Borodino, did not achieve its purpose when it had surrounded the French on three sides and when its aim was to capture them? Can the French be so enormously superior to us that when we had surrounded them with superior forces we could not beat them? How could that happen?

History (or what is called by that name) replying to these questions says that this occurred because Kutuzov and Tormasov and Chichagov, and this man and that man, did not execute such and such maneuvers...

But why did they not execute those maneuvers? And why if they were guilty of not carrying out a prearranged plan were they not tried and punished? But even if we admitted that Kutuzov, Chichagov, and others were the cause of the Russian failures, it is still incomprehensible why, the position of the Russian army being what it was at Krasnoe and at the Berezina (in both cases we had superior forces), the French army with its marshals, kings, and Emperor was not captured, if that was what the Russians aimed at.

The explanation of this strange fact given by Russian military historians (to the effect that Kutuzov hindered an attack) is

unfounded, for we know that he could not restrain the troops from attacking at Vyazma and Tarutino.

Why was the Russian army--which with inferior forces had withstood the enemy in full strength at Borodino--defeated at Krasnoe and the Berezina by the disorganized crowds of the French when it was numerically superior?

If the aim of the Russians consisted in cutting off and capturing Napoleon and his marshals--and that aim was not merely frustrated but all attempts to attain it were most shamefully baffled--then this last period of the campaign is quite rightly considered by the French to be a series of victories, and quite wrongly considered victorious by Russian historians.

The Russian military historians in so far as they submit to claims of logic must admit that conclusion, and in spite of their lyrical rhapsodies about valor, devotion, and so forth, must reluctantly admit that the French retreat from Moscow was a series of victories for Napoleon and defeats for Kutuzov.

But putting national vanity entirely aside one feels that such a conclusion involves a contradiction, since the series of French victories brought the French complete destruction, while the series of Russian defeats led to the total destruction of their enemy and the liberation of their country.

The source of this contradiction lies in the fact that the historians studying the events from the letters of the sovereigns and the generals, from memoirs, reports, projects, and so forth, have attributed to this last period of the war of 1812 an aim that never existed, namely that of cutting off and capturing Napoleon with his marshals and his army.

There never was or could have been such an aim, for it would have been senseless and its attainment quite impossible.

It would have been senseless, first because Napoleon's disorganized army was flying from Russia with all possible speed, that is to say, was doing just what every Russian desired. So what was the use of performing various operations on the French who were running away as fast as they possibly could?

Secondly, it would have been senseless to block the passage of men whose whole energy was directed to flight.

Thirdly, it would have been senseless to sacrifice one's own troops in order to destroy the French army, which without external

interference was destroying itself at such a rate that, though its path was not blocked, it could not carry across the frontier more than it actually did in December, namely a hundredth part of the original army.

Fourthly, it would have been senseless to wish to take captive the Emperor, kings, and dukes--whose capture would have been in the highest degree embarrassing for the Russians, as the most adroit diplomatists of the time (Joseph de Maistre and others) recognized. Still more senseless would have been the wish to capture army corps of the French, when our own army had melted away to half before reaching Krasnoe and a whole division would have been needed to convoy the corps of prisoners, and when our men were not always getting full rations and the prisoners already taken were perishing of hunger.

All the profound plans about cutting off and capturing Napoleon and his army were like the plan of a market gardener who, when driving out of his garden a cow that had trampled down the beds he had planted, should run to the gate and hit the cow on the head. The only thing to be said in excuse of that gardener would be that he was very angry. But not even that could be said for those who drew up this project, for it was not they who had suffered from the trampled beds.

But besides the fact that cutting off Napoleon with his army would have been senseless, it was impossible.

It was impossible first because--as experience shows that a three-mile movement of columns on a battlefield never coincides with the plans--the probability of Chichagov, Kutuzov, and Wittgenstein effecting a junction on time at an appointed place was so remote as to be tantamount to impossibility, as in fact thought Kutuzov, who when he received the plan remarked that diversions planned over great distances do not yield the desired results.

Secondly it was impossible, because to paralyze the momentum with which Napoleon's army was retiring, incomparably greater forces than the Russians possessed would have been required.

Thirdly it was impossible, because the military term "to cut off" has no meaning. One can cut off a slice of bread, but not an army. To cut off an army--to bar its road--is quite impossible, for there is always plenty of room to avoid capture and there is the night when nothing can be seen, as the military scientists might convince themselves by the example of Krasnoe and of the Berezina. It is only possible to capture prisoners if they agree to be captured, just as it is only possible to catch a swallow if it settles on one's hand. Men can only be taken prisoners if they surrender according to the rules

of strategy and tactics, as the Germans did. But the French troops quite rightly did not consider that this suited them, since death by hunger and cold awaited them in flight or captivity alike.

Fourthly and chiefly it was impossible, because never since the world began has a war been fought under such conditions as those that obtained in 1812, and the Russian army in its pursuit of the French strained its strength to the utmost and could not have done more without destroying itself.

During the movement of the Russian army from Tarutino to Krasnoe it lost fifty thousand sick or stragglers, that is a number equal to the population of a large provincial town. Half the men fell out of the army without a battle.

And it is of this period of the campaign--when the army lacked boots and sheepskin coats, was short of provisions and without vodka, and was camping out at night for months in the snow with fifteen degrees of frost, when there were only seven or eight hours of daylight and the rest was night in which the influence of discipline cannot be maintained, when men were taken into that region of death where discipline fails, not for a few hours only as in a battle, but for months, where they were every moment fighting death from hunger and cold, when half the army perished in a single month--it is of this period of the campaign that the historians tell us how Miloradovich should have made a flank march to such and such a place, Tormasov to another place, and Chichagov should have crossed (more than knee-deep in snow) to somewhere else, and how so-and-so "routed" and "cut off" the French and so on and so on.

The Russians, half of whom died, did all that could and should have been done to attain an end worthy of the nation, and they are not to blame because other Russians, sitting in warm rooms, proposed that they should do what was impossible.

All that strange contradiction now difficult to understand between the facts and the historical accounts only arises because the historians dealing with the matter have written the history of the beautiful words and sentiments of various generals, and not the history of the events.

To them the words of Miloradovich seem very interesting, and so do their surmises and the rewards this or that general received; but the question of those fifty thousand men who were left in hospitals and in graves does not even interest them, for it does not come within the range of their investigation.

Yet one need only discard the study of the reports and general plans

and consider the movement of those hundreds of thousands of men who took a direct part in the events, and all the questions that seemed insoluble easily and simply receive an immediate and certain solution.

The aim of cutting off Napoleon and his army never existed except in the imaginations of a dozen people. It could not exist because it was senseless and unattainable.

The people had a single aim: to free their land from invasion. That aim was attained in the first place of itself, as the French ran away, and so it was only necessary not to stop their flight. Secondly it was attained by the guerrilla warfare which was destroying the French, and thirdly by the fact that a large Russian army was following the French, ready to use its strength in case their movement stopped.

The Russian army had to act like a whip to a running animal. And the experienced driver knew it was better to hold the whip raised as a menace than to strike the running animal on the head.

BOOK FIFTEEN: 1812 --13

CHAPTER I

When seeing a dying animal a man feels a sense of horror: substance similar to his own is perishing before his eyes. But when it is a beloved and intimate human being that is dying, besides this horror at the extinction of life there is a severance, a spiritual wound, which like a physical wound is sometimes fatal and sometimes heals, but always aches and shrinks at any external irritating touch.

After Prince Andrew's death Natasha and Princess Mary alike felt this. Drooping in spirit and closing their eyes before the menacing cloud of death that overhung them, they dared not look life in the face. They carefully guarded their open wounds from any rough and painful contact. Everything: a carriage passing rapidly in the street, a summons to dinner, the maid's inquiry what dress to prepare, or worse still any word of insincere or feeble sympathy, seemed an insult, painfully irritated the wound, interrupting that necessary

quiet in which they both tried to listen to the stern and dreadful choir that still resounded in their imagination, and hindered their gazing into those mysterious limitless vistas that for an instant had opened out before them.

Only when alone together were they free from such outrage and pain. They spoke little even to one another, and when they did it was of very unimportant matters.

Both avoided any allusion to the future. To admit the possibility of a future seemed to them to insult his memory. Still more carefully did they avoid anything relating to him who was dead. It seemed to them that what they had lived through and experienced could not be expressed in words, and that any reference to the details of his life infringed the majesty and sacredness of the mystery that had been accomplished before their eyes.

Continued abstention from speech, and constant avoidance of everything that might lead up to the subject--this halting on all sides at the boundary of what they might not mention--brought before their minds with still greater purity and clearness what they were both feeling.

But pure and complete sorrow is as impossible as pure and complete joy. Princess Mary, in her position as absolute and independent arbiter of her own fate and guardian and instructor of her nephew, was the first to be called back to life from that realm of sorrow in which she had dwelt for the first fortnight. She received letters from her relations to which she had to reply; the room in which little Nicholas had been put was damp and he began to cough; Alpatych came to Yaroslavl with reports on the state of their affairs and with advice and suggestions that they should return to Moscow to the house on the Vozdvizhenka Street, which had remained uninjured and needed only slight repairs. Life did not stand still and it was necessary to live. Hard as it was for Princess Mary to emerge from the realm of secluded contemplation in which she had lived till then, and sorry and almost ashamed as she felt to leave Natasha alone, yet the cares of life demanded her attention and she involuntarily yielded to them. She went through the accounts with Alpatych, conferred with Dessalles about her nephew, and gave orders and made preparations for the journey to Moscow.

Natasha remained alone and, from the time Princess Mary began making preparations for departure, held aloof from her too.

Princess Mary asked the countess to let Natasha go with her to Moscow, and both parents gladly accepted this offer, for they saw their daughter losing strength every day and thought that a change

of scene and the advice of Moscow doctors would be good for her.

"I am not going anywhere," Natasha replied when this was proposed to her. "Do please just leave me alone!" And she ran out of the room, with difficulty refraining from tears of vexation and irritation rather than of sorrow.

After she felt herself deserted by Princes Mary and alone in her grief, Natasha spent most of the time in her room by herself, sitting huddled up feet and all in the corner of the sofa, tearing and twisting something with her slender nervous fingers and gazing intently and fixedly at whatever her eyes chanced to fall on. This solitude exhausted and tormented her but she was in absolute need of it. As soon as anyone entered she got up quickly, changed her position and expression, and picked up a book or some sewing, evidently waiting impatiently for the intruder to go.

She felt all the time as if she might at any moment penetrate that on which--with a terrible questioning too great for her strength--her spiritual gaze was fixed.

One day toward the end of December Natasha, pale and thin, dressed in a black woolen gown, her plaited hair negligently twisted into a knot, was crouched feet and all in the corner of her sofa, nervously crumpling and smoothing out the end of her sash while she looked at a corner of the door.

She was gazing in the direction in which he had gone--to the other side of life. And that other side of life, of which she had never before thought and which had formerly seemed to her so far away and improbable, was now nearer and more akin and more comprehensible than this side of life, where everything was either emptiness and desolation or suffering and indignity.

She was gazing where she knew him to be; but she could not imagine him otherwise than as he had been here. She now saw him again as he had been at Mytishchi, at Troitsa, and at Yaroslavl.

She saw his face, heard his voice, repeated his words and her own, and sometimes devised other words they might have spoken.

There he is lying back in an armchair in his velvet cloak, leaning his head on his thin pale hand. His chest is dreadfully hollow and his shoulders raised. His lips are firmly closed, his eyes glitter, and a wrinkle comes and goes on his pale forehead. One of his legs twitches just perceptibly, but rapidly. Natasha knows that he is struggling with terrible pain. "What is that pain like? Why does he have that pain? What does he feel? How does it hurt him?" thought

Natasha. He noticed her watching him, raised his eyes, and began to speak seriously:

"One thing would be terrible," said he: "to bind oneself forever to a suffering man. It would be continual torture." And he looked searchingly at her. Natasha as usual answered before she had time to think what she would say. She said: "This can't go on--it won't. You will get well--quite well."

She now saw him from the commencement of that scene and relived what she had then felt. She recalled his long sad and severe look at those words and understood the meaning of the rebuke and despair in that protracted gaze.

"I agreed," Natasha now said to herself, "that it would be dreadful if he always continued to suffer. I said it then only because it would have been dreadful for him, but he understood it differently. He thought it would be dreadful for me. He then still wished to live and feared death. And I said it so awkwardly and stupidly! I did not say what I meant. I thought quite differently. Had I said what I thought, I should have said: even if he had to go on dying, to die continually before my eyes, I should have been happy compared with what I am now. Now there is nothing... nobody. Did he know that? No, he did not and never will know it. And now it will never, never be possible to put it right." And now he again seemed to be saying the same words to her, only in her imagination Natasha this time gave him a different answer. She stopped him and said: "Terrible for you, but not for me! You know that for me there is nothing in life but you, and to suffer with you is the greatest happiness for me," and he took her hand and pressed it as he had pressed it that terrible evening four days before his death. And in her imagination she said other tender and loving words which she might have said then but only spoke now: "I love thee!... thee! I love, love..." she said, convulsively pressing her hands and setting her teeth with a desperate effort...

She was overcome by sweet sorrow and tears were already rising in her eyes; then she suddenly asked herself to whom she was saying this. Again everything was shrouded in hard, dry perplexity, and again with a strained frown she peered toward the world where he was. And now, now it seemed to her she was penetrating the mystery.... But at the instant when it seemed that the incomprehensible was revealing itself to her a loud rattle of the door handle struck painfully on her ears. Dunyasha, her maid, entered the room quickly and abruptly with a frightened look on her face and showing no concern for her mistress.

"Come to your Papa at once, please!" said she with a strange, excited look. "A misfortune... about Peter Ilynich... a letter," she

finished with a sob.

CHAPTER II

Besides a feeling of aloofness from everybody Natasha was feeling a special estrangement from the members of her own family. All of them--her father, mother, and Sonya--were so near to her, so familiar, so commonplace, that all their words and feelings seemed an insult to the world in which she had been living of late, and she felt not merely indifferent to them but regarded them with hostility. She heard Dunyasha's words about Peter Ilynich and a misfortune, but did not grasp them.

"What misfortune? What misfortune can happen to them? They just live their own old, quiet, and commonplace life," thought Natasha.

As she entered the ballroom her father was hurriedly coming out of her mother's room. His face was puckered up and wet with tears. He had evidently run out of that room to give vent to the sobs that were choking him. When he saw Natasha he waved his arms despairingly and burst into convulsively painful sobs that distorted his soft round face.

"Pe... Petya... Go, go, she... is calling..." and weeping like a child and quickly shuffling on his feeble legs to a chair, he almost fell into it, covering his face with his hands.

Suddenly an electric shock seemed to run through Natasha's whole being. Terrible anguish struck her heart, she felt a dreadful ache as if something was being torn inside her and she were dying. But the pain was immediately followed by a feeling of release from the oppressive constraint that had prevented her taking part in life. The sight of her father, the terribly wild cries of her mother that she heard through the door, made her immediately forget herself and her own grief.

She ran to her father, but he feebly waved his arm, pointing to her mother's door. Princess Mary, pale and with quivering chin, came out from that room and taking Natasha by the arm said something to her. Natasha neither saw nor heard her. She went in with rapid steps, pausing at the door for an instant as if struggling with herself, and then ran to her mother.

The countess was lying in an armchair in a strange and awkward position, stretching out and beating her head against the wall. Sonya and the maids were holding her arms.

"Natasha! Natasha!..." cried the countess. "It's not true... it's not true... He's lying... Natasha!" she shrieked, pushing those around her away. "Go away, all of you; it's not true! Killed!... ha, ha, ha!... It's not true!"

Natasha put one knee on the armchair, stooped over her mother, embraced her, and with unexpected strength raised her, turned her face toward herself, and clung to her.

"Mummy!... darling!... I am here, my dearest Mummy," she kept on whispering, not pausing an instant.

She did not let go of her mother but struggled tenderly with her, demanded a pillow and hot water, and unfastened and tore open her mother's dress.

"My dearest darling... Mummy, my precious!..." she whispered incessantly, kissing her head, her hands, her face, and feeling her own irrepressible and streaming tears tickling her nose and cheeks.

The countess pressed her daughter's hand, closed her eyes, and became quiet for a moment. Suddenly she sat up with unaccustomed swiftness, glanced vacantly around her, and seeing Natasha began to press her daughter's head with all her strength. Then she turned toward her daughter's face which was wincing with pain and gazed long at it.

"Natasha, you love me?" she said in a soft trustful whisper.
"Natasha, you would not deceive me? You'll tell me the whole truth?"

Natasha looked at her with eyes full of tears and in her look there was nothing but love and an entreaty for forgiveness.

"My darling Mummy!" she repeated, straining all the power of her love to find some way of taking on herself the excess of grief that crushed her mother.

And again in a futile struggle with reality her mother, refusing to believe that she could live when her beloved boy was killed in the bloom of life, escaped from reality into a world of delirium.

Natasha did not remember how that day passed nor that night, nor the next day and night. She did not sleep and did not leave her mother. Her persevering and patient love seemed completely to surround the

countess every moment, not explaining or consoling, but recalling her to life.

During the third night the countess kept very quiet for a few minutes, and Natasha rested her head on the arm of her chair and closed her eyes, but opened them again on hearing the bedstead creak. The countess was sitting up in bed and speaking softly.

"How glad I am you have come. You are tired. Won't you have some tea?" Natasha went up to her. "You have improved in looks and grown more manly," continued the countess, taking her daughter's hand.

"Mamma! What are you saying..."

"Natasha, he is no more, no more!"

And embracing her daughter, the countess began to weep for the first time.

CHAPTER III

Princess Mary postponed her departure. Sonya and the count tried to replace Natasha but could not. They saw that she alone was able to restrain her mother from unreasoning despair. For three weeks Natasha remained constantly at her mother's side, sleeping on a lounge chair in her room, making her eat and drink, and talking to her incessantly because the mere sound of her tender, caressing tones soothed her mother.

The mother's wounded spirit could not heal. Petya's death had torn from her half her life. When the news of Petya's death had come she had been a fresh and vigorous woman of fifty, but a month later she left her room a listless old woman taking no interest in life. But the same blow that almost killed the countess, this second blow, restored Natasha to life.

A spiritual wound produced by a rending of the spiritual body is like a physical wound and, strange as it may seem, just as a deep wound may heal and its edges join, physical and spiritual wounds alike can yet heal completely only as the result of a vital force from within.

Natasha's wound healed in that way. She thought her life was

ended, but her love for her mother unexpectedly showed her that the essence of life--love--was still active within her. Love awoke and so did life.

Prince Andrew's last days had bound Princess Mary and Natasha together; this new sorrow brought them still closer to one another. Princess Mary put off her departure, and for three weeks looked after Natasha as if she had been a sick child. The last weeks passed in her mother's bedroom had strained Natasha's physical strength.

One afternoon noticing Natasha shivering with fever, Princess Mary took her to her own room and made her lie down on the bed. Natasha lay down, but when Princess Mary had drawn the blinds and was going away she called her back.

"I don't want to sleep, Mary, sit by me a little."

"You are tired--try to sleep."

"No, no. Why did you bring me away? She will be asking for me."

"She is much better. She spoke so well today," said Princess Mary.

Natasha lay on the bed and in the semidarkness of the room scanned Princess Mary's face.

"Is she like him?" thought Natasha. "Yes, like and yet not like. But she is quite original, strange, new, and unknown. And she loves me. What is in her heart? All that is good. But how? What is her mind like? What does she think about me? Yes, she is splendid!"

"Mary," she said timidly, drawing Princess Mary's hand to herself, "Mary, you mustn't think me wicked. No? Mary darling, how I love you! Let us be quite, quite friends."

And Natasha, embracing her, began kissing her face and hands, making Princess Mary feel shy but happy by this demonstration of her feelings.

From that day a tender and passionate friendship such as exists only between women was established between Princess Mary and Natasha. They were continually kissing and saying tender things to one another and spent most of their time together. When one went out the other became restless and hastened to rejoin her. Together they felt more in harmony with one another than either of them felt with herself when alone. A feeling stronger than friendship sprang up between them; an exclusive feeling of life being possible only in each other's presence.

Sometimes they were silent for hours; sometimes after they were already in bed they would begin talking and go on till morning. They spoke most of what was long past. Princess Mary spoke of her childhood, of her mother, her father, and her daydreams; and Natasha, who with a passive lack of understanding had formerly turned away from that life of devotion, submission, and the poetry of Christian self-sacrifice, now feeling herself bound to Princess Mary by affection, learned to love her past too and to understand a side of life previously incomprehensible to her. She did not think of applying submission and self-abnegation to her own life, for she was accustomed to seek other joys, but she understood and loved in another those previously incomprehensible virtues. For Princess Mary, listening to Natasha's tales of childhood and early youth, there also opened out a new and hitherto uncomprehended side of life: belief in life and its enjoyment.

Just as before, they never mentioned him so as not to lower (as they thought) their exalted feelings by words; but this silence about him had the effect of making them gradually begin to forget him without being conscious of it.

Natasha had grown thin and pale and physically so weak that they all talked about her health, and this pleased her. But sometimes she was suddenly overcome by fear not only of death but of sickness, weakness, and loss of good looks, and involuntarily she examined her bare arm carefully, surprised at its thinness, and in the morning noticed her drawn and, as it seemed to her, piteous face in her glass. It seemed to her that things must be so, and yet it was dreadfully sad.

One day she went quickly upstairs and found herself out of breath. Unconsciously she immediately invented a reason for going down, and then, testing her strength, ran upstairs again, observing the result.

Another time when she called Dunyasha her voice trembled, so she called again--though she could hear Dunyasha coming--called her in the deep chest tones in which she had been wont to sing, sing, and listened attentively to herself.

She did not know and would not have believed it, but beneath the layer of slime that covered her soul and seemed to her impenetrable, delicate young shoots of grass were already sprouting, which taking root would so cover with their living verdure the grief that weighed her down that it would soon no longer be seen or noticed. The wound had begun to heal from within.

At the end of January Princess Mary left for Moscow, and the count insisted on Natasha's going with her to consult the doctors.

CHAPTER IV

After the encounter at Vyazma, where Kutuzov had been unable to hold back his troops in their anxiety to overwhelm and cut off the enemy and so on, the farther movement of the fleeing French, and of the Russians who pursued them, continued as far as Krasnoe without a battle. The flight was so rapid that the Russian army pursuing the French could not keep up with them; cavalry and artillery horses broke down, and the information received of the movements of the French was never reliable.

The men in the Russian army were so worn out by this continuous marching at the rate of twenty-seven miles a day that they could not go any faster.

To realize the degree of exhaustion of the Russian army it is only necessary to grasp clearly the meaning of the fact that, while not losing more than five thousand killed and wounded after Tarutino and less than a hundred prisoners, the Russian army which left that place a hundred thousand strong reached Krasnoe with only fifty thousand.

The rapidity of the Russian pursuit was just as destructive to our army as the flight of the French was to theirs. The only difference was that the Russian army moved voluntarily, with no such threat of destruction as hung over the French, and that the sick Frenchmen were left behind in enemy hands while the sick Russians left behind were among their own people. The chief cause of the wastage of Napoleon's army was the rapidity of its movement, and a convincing proof of this is the corresponding decrease of the Russian army.

Kutuzov as far as was in his power, instead of trying to check the movement of the French as was desired in Petersburg and by the Russian army generals, directed his whole activity here, as he had done at Tarutino and Vyazma, to hastening it on while easing the movement of our army.

But besides this, since the exhaustion and enormous diminution of the army caused by the rapidity of the advance had become evident, another reason for slackening the pace and delaying presented itself to Kutuzov. The aim of the Russian army was to pursue the French. The road the French would take was unknown, and so the closer our

troops trod on their heels the greater distance they had to cover. Only by following at some distance could one cut across the zigzag path of the French. All the artful maneuvers suggested by our generals meant fresh movements of the army and a lengthening of its marches, whereas the only reasonable aim was to shorten those marches. To that end Kutuzov's activity was directed during the whole campaign from Moscow to Vilna--not casually or intermittently but so consistently that he never once deviated from it.

Kutuzov felt and knew--not by reasoning or science but with the whole of his Russian being--what every Russian soldier felt: that the French were beaten, that the enemy was flying and must be driven out; but at the same time he like the soldiers realized all the hardship of this march, the rapidity of which was unparalleled for such a time of the year.

But to the generals, especially the foreign ones in the Russian army, who wished to distinguish themselves, to astonish somebody, and for some reason to capture a king or a duke--it seemed that now--when any battle must be horrible and senseless--was the very time to fight and conquer somebody. Kutuzov merely shrugged his shoulders when one after another they presented projects of maneuvers to be made with those soldiers--ill-shod, insufficiently clad, and half starved--who within a month and without fighting a battle had dwindled to half their number, and who at the best if the flight continued would have to go a greater distance than they had already traversed, before they reached the frontier.

This longing to distinguish themselves, to maneuver, to overthrow, and to cut off showed itself particularly whenever the Russians stumbled on the French army.

So it was at Krasnoe, where they expected to find one of the three French columns and stumbled instead on Napoleon himself with sixteen thousand men. Despite all Kutuzov's efforts to avoid that ruinous encounter and to preserve his troops, the massacre of the broken mob of French soldiers by worn-out Russians continued at Krasnoe for three days.

Toll wrote a disposition: "The first column will march to so and so," etc. And as usual nothing happened in accord with the disposition. Prince Eugene of Wurttemberg fired from a hill over the French crowds that were running past, and demanded reinforcements which did not arrive. The French, avoiding the Russians, dispersed and hid themselves in the forest by night, making their way round as best they could, and continued their flight.

Miloradovich, who said he did not want to know anything about the

commissariat affairs of his detachment, and could never be found when he was wanted--that chevalier sans peur et sans reproche* as he styled himself--who was fond of parleys with the French, sent envoys demanding their surrender, wasted time, and did not do what he was ordered to do.

*Knight without fear and without reproach.

"I give you that column, lads," he said, riding up to the troops and pointing out the French to the cavalry.

And the cavalry, with spurs and sabers urging on horses that could scarcely move, trotted with much effort to the column presented to them--that is to say, to a crowd of Frenchmen stark with cold, frost-bitten, and starving--and the column that had been presented to them threw down its arms and surrendered as it had long been anxious to do.

At Krasnoe they took twenty-six thousand prisoners, several hundred cannon, and a stick called a "marshal's staff," and disputed as to who had distinguished himself and were pleased with their achievement--though they much regretted not having taken Napoleon, or at least a marshal or a hero of some sort, and reproached one another and especially Kutuzov for having failed to do so.

These men, carried away by their passions, were but blind tools of the most melancholy law of necessity, but considered themselves heroes and imagined that they were accomplishing a most noble and honorable deed. They blamed Kutuzov and said that from the very beginning of the campaign he had prevented their vanquishing Napoleon, that he thought nothing but satisfying his passions and would not advance from the Linen Factories because he was comfortable there, that at Krasnoe he checked the advance because on learning that Napoleon was there he had quite lost his head, and that it was probable that he had an understanding with Napoleon and had been bribed by him, and so on, and so on.

Not only did his contemporaries, carried away by their passions, talk in this way, but posterity and history have acclaimed Napoleon as grand, while Kutuzov is described by foreigners as a crafty, dissolute, weak old courtier, and by Russians as something indefinite--a sort of puppet useful only because he had a Russian name.

CHAPTER V

In 1812 and 1813 Kutuzov was openly accused of blundering. The Emperor was dissatisfied with him. And in a history recently written by order of the Highest Authorities it is said that Kutuzov was a cunning court liar, frightened of the name of Napoleon, and that by his blunders at Krasnoe and the Berezina he deprived the Russian army of the glory of complete victory over the French.*

*History of the year 1812. The character of Kutuzov and reflections on the unsatisfactory results of the battles at Krasnoe, by Bogdanovich.

Such is the fate not of great men (*grands hommes*) whom the Russian mind does not acknowledge, but of those rare and always solitary individuals who, discerning the will of Providence, submit their personal will to it. The hatred and contempt of the crowd punish such men for discerning the higher laws.

For Russian historians, strange and terrible to say, Napoleon--that most insignificant tool of history who never anywhere, even in exile, showed human dignity--Napoleon is the object of adulation and enthusiasm; he is grand. But Kutuzov--the man who from the beginning to the end of his activity in 1812, never once swerving by word or deed from Borodino to Vilna, presented an example exceptional in history of self-sacrifice and a present consciousness of the future importance of what was happening--Kutuzov seems to them something indefinite and pitiful, and when speaking of him and of the year 1812 they always seem a little ashamed.

And yet it is difficult to imagine an historical character whose activity was so unswervingly directed to a single aim; and it would be difficult to imagine any aim more worthy or more consonant with the will of the whole people. Still more difficult would it be to find an instance in history of the aim of an historical personage being so completely accomplished as that to which all Kutuzov's efforts were directed in 1812.

Kutuzov never talked of "forty centuries looking down from the Pyramids," of the sacrifices he offered for the fatherland, or of what he intended to accomplish or had accomplished; in general he said nothing about himself, adopted no pose, always appeared to be the simplest and most ordinary of men, and said the simplest and most ordinary things. He wrote letters to his daughters and to Madame de

Stael, read novels, liked the society of pretty women, jested with generals, officers, and soldiers, and never contradicted those who tried to prove anything to him. When Count Rostopchin at the Yauza bridge galloped up to Kutuzov with personal reproaches for having caused the destruction of Moscow, and said: "How was it you promised not to abandon Moscow without a battle?" Kutuzov replied: "And I shall not abandon Moscow without a battle," though Moscow was then already abandoned. When Arakcheev, coming to him from the Emperor, said that Ermolov ought to be appointed chief of the artillery, Kutuzov replied: "Yes, I was just saying so myself," though a moment before he had said quite the contrary. What did it matter to him--who then alone amid a senseless crowd understood the whole tremendous significance of what was happening--what did it matter to him whether Rostopchin attributed the calamities of Moscow to him or to himself? Still less could it matter to him who was appointed chief of the artillery.

Not merely in these cases but continually did that old man--who by experience of life had reached the conviction that thoughts and the words serving as their expression are not what move people--use quite meaningless words that happened to enter his head.

But that man, so heedless of his words, did not once during the whole time of his activity utter one word inconsistent with the single aim toward which he moved throughout the whole war. Obviously in spite of himself, in very diverse circumstances, he repeatedly expressed his real thoughts with the bitter conviction that he would not be understood. Beginning with the battle of Borodino, from which time his disagreement with those about him began, he alone said that the battle of Borodino was a victory, and repeated this both verbally and in his dispatches and reports up to the time of his death. He alone said that the loss of Moscow is not the loss of Russia. In reply to Lauriston's proposal of peace, he said: There can be no peace, for such is the people's will. He alone during the retreat of the French said that all our maneuvers are useless, everything is being accomplished of itself better than we could desire; that the enemy must be offered "a golden bridge"; that neither the Tarutino, the Vyazma, nor the Krasnoe battles were necessary; that we must keep some force to reach the frontier with, and that he would not sacrifice a single Russian for ten Frenchmen.

And this courtier, as he is described to us, who lies to Arakcheev to please the Emperor, he alone--incurring thereby the Emperor's displeasure--said in Vilna that to carry the war beyond the frontier is useless and harmful.

Nor do words alone prove that only he understood the meaning of the events. His actions--without the smallest deviation--were all directed to one and the same threefold end: (1) to brace all his

strength for conflict with the French, (2) to defeat them, and (3) to drive them out of Russia, minimizing as far as possible the sufferings of our people and of our army.

This procrastinator Kutuzov, whose motto was "Patience and Time," this enemy of decisive action, gave battle at Borodino, investing the preparations for it with unparalleled solemnity. This Kutuzov who before the battle of Austerlitz began said that it would be lost, he alone, in contradiction to everyone else, declared till his death that Borodino was a victory, despite the assurance of generals that the battle was lost and despite the fact that for an army to have to retire after winning a battle was unprecedented. He alone during the whole retreat insisted that battles, which were useless then, should not be fought, and that a new war should not be begun nor the frontiers of Russia crossed.

It is easy now to understand the significance of these events--if only we abstain from attributing to the activity of the mass aims that existed only in the heads of a dozen individuals--for the events and results now lie before us.

But how did that old man, alone, in opposition to the general opinion, so truly discern the importance of the people's view of the events that in all his activity he was never once untrue to it?

The source of that extraordinary power of penetrating the meaning of the events then occurring lay in the national feeling which he possessed in full purity and strength.

Only the recognition of the fact that he possessed this feeling caused the people in so strange a manner, contrary to the Tsar's wish, to select him--an old man in disfavor--to be their representative in the national war. And only that feeling placed him on that highest human pedestal from which he, the commander in chief, devoted all his powers not to slaying and destroying men but to saving and showing pity on them.

That simple, modest, and therefore truly great, figure could not be cast in the false mold of a European hero--the supposed ruler of men--that history has invented.

To a lackey no man can be great, for a lackey has his own conception of greatness.

CHAPTER VI

The fifth of November was the first day of what is called the battle of Krasnoe. Toward evening--after much disputing and many mistakes made by generals who did not go to their proper places, and after adjutants had been sent about with counterorders--when it had become plain that the enemy was everywhere in flight and that there could and would be no battle, Kutuzov left Krasnoe and went to Dobroe whither his headquarters had that day been transferred.

The day was clear and frosty. Kutuzov rode to Dobroe on his plump little white horse, followed by an enormous suite of discontented generals who whispered among themselves behind his back. All along the road groups of French prisoners captured that day (there were seven thousand of them) were crowding to warm themselves at campfires. Near Dobroe an immense crowd of tattered prisoners, buzzing with talk and wrapped and bandaged in anything they had been able to get hold of, were standing in the road beside a long row of unharnessed French guns. At the approach of the commander in chief the buzz of talk ceased and all eyes were fixed on Kutuzov who, wearing a white cap with a red band and a padded overcoat that bulged on his round shoulders, moved slowly along the road on his white horse. One of the generals was reporting to him where the guns and prisoners had been captured.

Kutuzov seemed preoccupied and did not listen to what the general was saying. He screwed up his eyes with a dissatisfied look as he gazed attentively and fixedly at these prisoners, who presented a specially wretched appearance. Most of them were disfigured by frost-bitten noses and cheeks, and nearly all had red, swollen and festering eyes.

One group of the French stood close to the road, and two of them, one of whom had his face covered with sores, were tearing a piece of raw flesh with their hands. There was something horrible and bestial in the fleeting glance they threw at the riders and in the malevolent expression with which, after a glance at Kutuzov, the soldier with the sores immediately turned away and went on with what he was doing.

Kutuzov looked long and intently at these two soldiers. He puckered his face, screwed up his eyes, and pensively swayed his head. At another spot he noticed a Russian soldier laughingly patting a Frenchman on the shoulder, saying something to him in a friendly manner, and Kutuzov with the same expression on his face again swayed his head.

"What were you saying?" he asked the general, who continuing his report directed the commander in chief's attention to some standards captured from the French and standing in front of the Preobrazhensk regiment.

"Ah, the standards!" said Kutuzov, evidently detaching himself with difficulty from the thoughts that preoccupied him.

He looked about him absently. Thousands of eyes were looking at him from all sides awaiting a word from him.

He stopped in front of the Preobrazhensk regiment, sighed deeply, and closed his eyes. One of his suite beckoned to the soldiers carrying the standards to advance and surround the commander in chief with them. Kutuzov was silent for a few seconds and then, submitting with evident reluctance to the duty imposed by his position, raised his head and began to speak. A throng of officers surrounded him. He looked attentively around at the circle of officers, recognizing several of them.

"I thank you all!" he said, addressing the soldiers and then again the officers. In the stillness around him his slowly uttered words were distinctly heard. "I thank you all for your hard and faithful service. The victory is complete and Russia will not forget you! Honor to you forever."

He paused and looked around.

"Lower its head, lower it!" he said to a soldier who had accidentally lowered the French eagle he was holding before the Preobrazhensk standards. "Lower, lower, that's it. Hurrah lads!" he added, addressing the men with a rapid movement of his chin.

"Hur-r-rah!" roared thousands of voices.

While the soldiers were shouting Kutuzov leaned forward in his saddle and bowed his head, and his eye lit up with a mild and apparently ironic gleam.

"You see, brothers..." said he when the shouts had ceased... and all at once his voice and the expression of his face changed. It was no longer the commander in chief speaking but an ordinary old man who wanted to tell his comrades something very important.

There was a stir among the throng of officers and in the ranks of the soldiers, who moved that they might hear better what he was going to say.

"You see, brothers, I know it's hard for you, but it can't be helped! Bear up; it won't be for long now! We'll see our visitors off and then we'll rest. The Tsar won't forget your service. It is hard for you, but still you are at home while they--you see what they have come to," said he, pointing to the prisoners. "Worse off than our poorest beggars. While they were strong we didn't spare ourselves, but now we may even pity them. They are human beings too. Isn't it so, lads?"

He looked around, and in the direct, respectful, wondering gaze fixed upon him he read sympathy with what he had said. His face grew brighter and brighter with an old man's mild smile, which drew the corners of his lips and eyes into a cluster of wrinkles. He ceased speaking and bowed his head as if in perplexity.

"But after all who asked them here? Serves them right, the bloody bastards!" he cried, suddenly lifting his head.

And flourishing his whip he rode off at a gallop for the first time during the whole campaign, and left the broken ranks of the soldiers laughing joyfully and shouting "Hurrah!"

Kutuzov's words were hardly understood by the troops. No one could have repeated the field marshal's address, begun solemnly and then changing into an old man's simplehearted talk; but the hearty sincerity of that speech, the feeling of majestic triumph combined with pity for the foe and consciousness of the justice of our cause, exactly expressed by that old man's good-natured expletives, was not merely understood but lay in the soul of every soldier and found expression in their joyous and long-sustained shouts. Afterwards when one of the generals addressed Kutuzov asking whether he wished his caleche to be sent for, Kutuzov in answering unexpectedly gave a sob, being evidently greatly moved.

CHAPTER VII

When the troops reached their night's halting place on the eighth of November, the last day of the Krasnoe battles, it was already growing dusk. All day it had been calm and frosty with occasional lightly falling snow and toward evening it began to clear. Through the falling snow a purple-black and starry sky showed itself and the frost grew keener.

An infantry regiment which had left Tarutino three thousand strong but now numbered only nine hundred was one of the first to arrive that night at its halting place--a village on the highroad. The quartermasters who met the regiment announced that all the huts were full of sick and dead Frenchmen, cavalrymen, and members of the staff. There was only one hut available for the regimental commander.

The commander rode up to his hut. The regiment passed through the village and stacked its arms in front of the last huts.

Like some huge many-limbed animal, the regiment began to prepare its lair and its food. One part of it dispersed and waded knee-deep through the snow into a birch forest to the right of the village, and immediately the sound of axes and swords, the crashing of branches, and merry voices could be heard from there. Another section amid the regimental wagons and horses which were standing in a group was busy getting out caldrons and rye biscuit, and feeding the horses. A third section scattered through the village arranging quarters for the staff officers, carrying out the French corpses that were in the huts, and dragging away boards, dry wood, and thatch from the roofs, for the campfires, or wattle fences to serve for shelter.

Some fifteen men with merry shouts were shaking down the high wattle wall of a shed, the roof of which had already been removed.

"Now then, all together--shove!" cried the voices, and the huge surface of the wall, sprinkled with snow and creaking with frost, was seen swaying in the gloom of the night. The lower stakes cracked more and more and at last the wall fell, and with it the men who had been pushing it. Loud, coarse laughter and joyous shouts ensued.

"Now then, catch hold in twos! Hand up the lever! That's it... Where are you shoving to?"

"Now, all together! But wait a moment, boys... With a song!"

All stood silent, and a soft, pleasant velvety voice began to sing. At the end of the third verse as the last note died away, twenty voices roared out at once: "Oo-oo-oo-oo! That's it. All together! Heave away, boys!..." but despite their united efforts the wattle hardly moved, and in the silence that followed the heavy breathing of the men was audible.

"Here, you of the Sixth Company! Devils that you are! Lend a hand... will you? You may want us one of these days."

Some twenty men of the Sixth Company who were on their way into

the village joined the haulers, and the wattle wall, which was about thirty-five feet long and seven feet high, moved forward along the village street, swaying, pressing upon and cutting the shoulders of the gasping men.

"Get along... Falling? What are you stopping for? There now..."

Merry senseless words of abuse flowed freely.

"What are you up to?" suddenly came the authoritative voice of a sergeant major who came upon the men who were hauling their burden. "There are gentry here; the general himself is in that hut, and you foul-mouthed devils, you brutes, I'll give it to you!" shouted he, hitting the first man who came in his way a swinging blow on the back. "Can't you make less noise?"

The men became silent. The soldier who had been struck groaned and wiped his face, which had been scratched till it bled by his falling against the wattle.

"There, how that devil hits out! He's made my face all bloody," said he in a frightened whisper when the sergeant major had passed on.

"Don't you like it?" said a laughing voice, and moderating their tones the men moved forward.

When they were out of the village they began talking again as loud as before, interlarding their talk with the same aimless expletives.

In the hut which the men had passed, the chief officers had gathered and were in animated talk over their tea about the events of the day and the maneuvers suggested for tomorrow. It was proposed to make a flank march to the left, cut off the Vice-King (Murat) and capture him.

By the time the soldiers had dragged the wattle fence to its place the campfires were blazing on all sides ready for cooking, the wood crackled, the snow was melting, and black shadows of soldiers flitted to and fro all over the occupied space where the snow had been trodden down.

Axes and choppers were plied all around. Everything was done without any orders being given. Stores of wood were brought for the night, shelters were rigged up for the officers, caldrons were being boiled, and muskets and accouterments put in order.

The wattle wall the men had brought was set up in a semicircle by the Eighth Company as a shelter from the north, propped up by musket

rests, and a campfire was built before it. They beat the tattoo, called the roll, had supper, and settled down round the fires for the night--some repairing their footgear, some smoking pipes, and some stripping themselves naked to steam the lice out of their shirts.

CHAPTER VIII

One would have thought that under the almost incredibly wretched conditions the Russian soldiers were in at that time--lacking warm boots and sheepskin coats, without a roof over their heads, in the snow with eighteen degrees of frost, and without even full rations (the commissariat did not always keep up with the troops)--they would have presented a very sad and depressing spectacle.

On the contrary, the army had never under the best material conditions presented a more cheerful and animated aspect. This was because all who began to grow depressed or who lost strength were sifted out of the army day by day. All the physically or morally weak had long since been left behind and only the flower of the army--physically and mentally--remained.

More men collected behind the wattle fence of the Eighth Company than anywhere else. Two sergeants major were sitting with them and their campfire blazed brighter than others. For leave to sit by their wattle they demanded contributions of fuel.

"Eh, Makeev! What has become of you, you son of a bitch? Are you lost or have the wolves eaten you? Fetch some more wood!" shouted a red-haired and red-faced man, screwing up his eyes and blinking because of the smoke but not moving back from the fire. "And you, Jackdaw, go and fetch some wood!" said he to another soldier.

This red-haired man was neither a sergeant nor a corporal, but being robust he ordered about those weaker than himself. The soldier they called "Jackdaw," a thin little fellow with a sharp nose, rose obediently and was about to go but at that instant there came into the light of the fire the slender, handsome figure of a young soldier carrying a load of wood.

"Bring it here--that's fine!"

They split up the wood, pressed it down on the fire, blew at it with their mouths, and fanned it with the skirts of their greatcoats,

making the flames hiss and crackle. The men drew nearer and lit their pipes. The handsome young soldier who had brought the wood, setting his arms akimbo, began stamping his cold feet rapidly and deftly on the spot where he stood.

"Mother! The dew is cold but clear.... It's well that I'm a musketeer..." he sang, pretending to hiccough after each syllable.

"Look out, your soles will fly off!" shouted the red-haired man, noticing that the sole of the dancer's boot was hanging loose. "What a fellow you are for dancing!"

The dancer stopped, pulled off the loose piece of leather, and threw it on the fire.

"Right enough, friend," said he, and, having sat down, took out of his knapsack a scrap of blue French cloth, and wrapped it round his foot. "It's the steam that spoils them," he added, stretching out his feet toward the fire.

"They'll soon be issuing us new ones. They say that when we've finished hammering them, we're to receive double kits!"

"And that son of a bitch Petrov has lagged behind after all, it seems," said one sergeant major.

"I've had an eye on him this long while," said the other.

"Well, he's a poor sort of soldier..."

"But in the Third Company they say nine men were missing yesterday."

"Yes, it's all very well, but when a man's feet are frozen how can he walk?"

"Eh? Don't talk nonsense!" said a sergeant major.

"Do you want to be doing the same?" said an old soldier, turning reproachfully to the man who had spoken of frozen feet.

"Well, you know," said the sharp-nosed man they called Jackdaw in a squeaky and unsteady voice, raising himself at the other side of the fire, "a plump man gets thin, but for a thin one it's death. Take me, now! I've got no strength left," he added, with sudden resolution turning to the sergeant major. "Tell them to send me to

hospital; I'm aching all over; anyway I shan't be able to keep up."

"That'll do, that'll do!" replied the sergeant major quietly.

The soldier said no more and the talk went on.

"What a lot of those Frenchies were taken today, and the fact is that not one of them had what you might call real boots on," said a soldier, starting a new theme. "They were no more than make-believes."

"The Cossacks have taken their boots. They were clearing the hut for the colonel and carried them out. It was pitiful to see them, boys," put in the dancer. "As they turned them over one seemed still alive and, would you believe it, he jabbered something in their lingo."

"But they're a clean folk, lads," the first man went on; "he was white--as white as birchbark--and some of them are such fine fellows, you might think they were nobles."

"Well, what do you think? They make soldiers of all classes there."

"But they don't understand our talk at all," said the dancer with a puzzled smile. "I asked him whose subject he was, and he jabbered in his own way. A queer lot!"

"But it's strange, friends," continued the man who had wondered at their whiteness, "the peasants at Mozhaysk were saying that when they began burying the dead--where the battle was you know--well, those dead had been lying there for nearly a month, and says the peasant, 'they lie as white as paper, clean, and not as much smell as a puff of powder smoke.'"

"Was it from the cold?" asked someone.

"You're a clever fellow! From the cold indeed! Why, it was hot. If it had been from the cold, ours would not have rotted either. 'But,' he says, 'go up to ours and they are all rotten and maggoty. So,' he says, 'we tie our faces up with kerchiefs and turn our heads away as we drag them off: we can hardly do it. But theirs,' he says, 'are white as paper and not so much smell as a whiff of gunpowder.'"

All were silent.

"It must be from their food," said the sergeant major. "They used to gobble the same food as the gentry."

No one contradicted him.

"That peasant near Mozhaysk where the battle was said the men were all called up from ten villages around and they carted for twenty days

and still didn't finish carting the dead away. And as for the wolves, he says..."

"That was a real battle," said an old soldier. "It's the only one worth remembering; but since that... it's only been tormenting folk."

"And do you know, Daddy, the day before yesterday we ran at them and, my word, they didn't let us get near before they just threw down their muskets and went on their knees. 'Pardon!' they say. That's only one case. They say Platov took 'Poleon himself twice. But he didn't know the right charm. He catches him and catches him--no good! He turns into a bird in his hands and flies away. And there's no way of killing him either."

"You're a first-class liar, Kiselev, when I come to look at you!"

"Liar, indeed! It's the real truth."

"If he fell into my hands, when I'd caught him I'd bury him in the ground with an aspen stake to fix him down. What a lot of men he's ruined!"

"Well, anyhow we're going to end it. He won't come here again," remarked the old soldier, yawning.

The conversation flagged, and the soldiers began settling down to sleep.

"Look at the stars. It's wonderful how they shine! You would think the women had spread out their linen," said one of the men, gazing with admiration at the Milky Way.

"That's a sign of a good harvest next year."

"We shall want some more wood."

"You warm your back and your belly gets frozen. That's queer."

"O Lord!"

"What are you pushing for? Is the fire only for you? Look how he's sprawling!"

In the silence that ensued, the snoring of those who had fallen asleep could be heard. Others turned over and warmed themselves, now and again exchanging a few words. From a campfire a hundred paces off came a sound of general, merry laughter.

"Hark at them roaring there in the Fifth Company!" said one of the soldiers, "and what a lot of them there are!"

One of the men got up and went over to the Fifth Company.

"They're having such fun," said he, coming back. "Two Frenchies have turned up. One's quite frozen and the other's an awful swaggerer. He's singing songs...."

"Oh, I'll go across and have a look...."

And several of the men went over to the Fifth Company.

CHAPTER IX

The fifth company was bivouacking at the very edge of the forest. A huge campfire was blazing brightly in the midst of the snow, lighting up the branches of trees heavy with hoarfrost.

About midnight they heard the sound of steps in the snow of the forest, and the crackling of dry branches.

"A bear, lads," said one of the men.

They all raised their heads to listen, and out of the forest into the bright firelight stepped two strangely clad human figures clinging to one another.

These were two Frenchmen who had been hiding in the forest. They came up to the fire, hoarsely uttering something in a language our soldiers did not understand. One was taller than the other; he wore an officer's hat and seemed quite exhausted. On approaching the fire he had been going to sit down, but fell. The other, a short sturdy soldier with a shawl tied round his head, was stronger. He raised his companion and said something, pointing to his mouth. The soldiers surrounded the Frenchmen, spread a greatcoat on the ground for the sick man, and brought some buckwheat porridge and vodka for both of them.

The exhausted French officer was Ramballe and the man with his head wrapped in the shawl was Morel, his orderly.

When Morel had drunk some vodka and finished his bowl of porridge he

suddenly became unnaturally merry and chattered incessantly to the soldiers, who could not understand him. Ramballe refused food and resting his head on his elbow lay silent beside the campfire, looking at the Russian soldiers with red and vacant eyes. Occasionally he emitted a long-drawn groan and then again became silent. Morel, pointing to his shoulders, tried to impress on the soldiers the fact that Ramballe was an officer and ought to be warmed. A Russian officer who had come up to the fire sent to ask his colonel whether he would not take a French officer into his hut to warm him, and when the messenger returned and said that the colonel wished the officer to be brought to him, Ramballe was told to go. He rose and tried to walk, but staggered and would have fallen had not a soldier standing by held him up.

"You won't do it again, eh?" said one of the soldiers, winking and turning mockingly to Ramballe.

"Oh, you fool! Why talk rubbish, lout that you are--a real peasant!" came rebukes from all sides addressed to the jesting soldier.

They surrounded Ramballe, lifted him on the crossed arms of two soldiers, and carried him to the hut. Ramballe put his arms around their necks while they carried him and began wailing plaintively:

"Oh, you fine fellows, my kind, kind friends! These are men! Oh, my brave, kind friends," and he leaned his head against the shoulder of one of the men like a child.

Meanwhile Morel was sitting in the best place by the fire, surrounded by the soldiers.

Morel, a short sturdy Frenchman with inflamed and streaming eyes, was wearing a woman's cloak and had a shawl tied woman fashion round his head over his cap. He was evidently tipsy, and was singing a French song in a hoarse broken voice, with an arm thrown round the nearest soldier. The soldiers simply held their sides as they watched him.

"Now then, now then, teach us how it goes! I'll soon pick it up. How is it?" said the man--a singer and a wag--whom Morel was embracing.

"Vive Henri Quatre! Vive ce roi valiant!" sang Morel, winking. "Ce diable a quatre..."*

*"Long live Henry the Fourth, that valiant king! That rowdy devil."

"Vivarika! Vif-seruvaru! Sedyablyaka!" repeated the soldier, flourishing his arm and really catching the tune.

"Bravo! Ha, ha, ha!" rose their rough, joyous laughter from all sides.

Morel, wrinkling up his face, laughed too.

"Well, go on, go on!"

"Qui eut le triple talent,
De boire, de battre,
Et d'être un vert galant."*

*Who had a triple talent

For drinking, for fighting,

And for being a gallant old boy...

"It goes smoothly, too. Well, now, Zaletaev!"

"Ke..." Zaletaev, brought out with effort: "ke-e-e-e," he drawled, laboriously pursing his lips, "le-trip-ta-la-de-bu-de-ba, e de-tra-va-ga-la" he sang.

"Fine! Just like the Frenchie! Oh, ho ho! Do you want some more to eat?"

"Give him some porridge: it takes a long time to get filled up after starving."

They gave him some more porridge and Morel with a laugh set to work on his third bowl. All the young soldiers smiled gaily as they watched him. The older men, who thought it undignified to amuse themselves with such nonsense, continued to lie at the opposite side of the fire, but one would occasionally raise himself on an elbow and glance at Morel with a smile.

"They are men too," said one of them as he wrapped himself up in his coat. "Even wormwood grows on its own root."

"O Lord, O Lord! How starry it is! Tremendous! That means a hard frost...."

They all grew silent. The stars, as if knowing that no one was

looking at them, began to disport themselves in the dark sky: now flaring up, now vanishing, now trembling, they were busy whispering something gladsome and mysterious to one another.

CHAPTER X

The French army melted away at the uniform rate of a mathematical progression; and that crossing of the Berezina about which so much has been written was only one intermediate stage in its destruction, and not at all the decisive episode of the campaign. If so much has been and still is written about the Berezina, on the French side this is only because at the broken bridge across that river the calamities their army had been previously enduring were suddenly concentrated at one moment into a tragic spectacle that remained in every memory, and on the Russian side merely because in Petersburg--far from the seat of war--a plan (again one of Pfuels) had been devised to catch Napoleon in a strategic trap at the Berezina River. Everyone assured himself that all would happen according to plan, and therefore insisted that it was just the crossing of the Berezina that destroyed the French army. In reality the results of the crossing were much less disastrous to the French--in guns and men lost--than Krasnoe had been, as the figures show.

The sole importance of the crossing of the Berezina lies in the fact that it plainly and indubitably proved the fallacy of all the plans for cutting off the enemy's retreat and the soundness of the only possible line of action--the one Kutuzov and the general mass of the army demanded--namely, simply to follow the enemy up. The French crowd fled at a continually increasing speed and all its energy was directed to reaching its goal. It fled like a wounded animal and it was impossible to block its path. This was shown not so much by the arrangements it made for crossing as by what took place at the bridges. When the bridges broke down, unarmed soldiers, people from Moscow and women with children who were with the French transport, all--carried on by vis inertiae--pressed forward into boats and into the ice-covered water and did not, surrender.

That impulse was reasonable. The condition of fugitives and of pursuers was equally bad. As long as they remained with their own people each might hope for help from his fellows and the definite place he held among them. But those who surrendered, while remaining in the same pitiful plight, would be on a lower level to claim a share in the necessities of life. The French did not need to be informed

of the fact that half the prisoners--with whom the Russians did not know what to do--perished of cold and hunger despite their captors' desire to save them; they felt that it could not be otherwise. The most compassionate Russian commanders, those favorable to the French--and even the Frenchmen in the Russian service--could do nothing for the prisoners. The French perished from the conditions to which the Russian army was itself exposed. It was impossible to take bread and clothes from our hungry and indispensable soldiers to give to the French who, though not harmful, or hated, or guilty, were simply unnecessary. Some Russians even did that, but they were exceptions.

Certain destruction lay behind the French but in front there was hope. Their ships had been burned, there was no salvation save in collective flight, and on that the whole strength of the French was concentrated.

The farther they fled the more wretched became the plight of the remnant, especially after the Berezina, on which (in consequence of the Petersburg plan) special hopes had been placed by the Russians, and the keener grew the passions of the Russian commanders, blamed one another and Kutuzov most of all. Anticipation that the failure of the Petersburg Berezina plan would be attributed to Kutuzov led to dissatisfaction, contempt, and ridicule, more and more strongly expressed. The ridicule and contempt were of course expressed in a respectful form, making it impossible for him to ask wherein he was to blame. They did not talk seriously to him; when reporting to him or asking for his sanction they appeared to be fulfilling a regrettable formality, but they winked behind his back and tried to mislead him at every turn.

Because they could not understand him all these people assumed that it was useless to talk to the old man; that he would never grasp the profundity of their plans, that he would answer with his phrases (which they thought were mere phrases) about a "golden bridge," about the impossibility of crossing the frontier with a crowd of tatterdemalions, and so forth. They had heard all that before. And all he said--that it was necessary to await provisions, or that the men had no boots--was so simple, while what they proposed was so complicated and clever, that it was evident that he was old and stupid and that they, though not in power, were commanders of genius.

After the junction with the army of the brilliant admiral and Petersburg hero Wittgenstein, this mood and the gossip of the staff reached their maximum. Kutuzov saw this and merely sighed and shrugged his shoulders. Only once, after the affair of the Berezina, did he get angry and write to Bennigsen (who reported separately to the Emperor) the following letter:

"On account of your spells of ill health, will your excellency please be so good as to set off for Kaluga on receipt of this, and there await further commands and appointments from His Imperial Majesty."

But after Bennigsen's departure, the Grand Duke Tsarevich Constantine Pavlovich joined the army. He had taken part in the beginning of the campaign but had subsequently been removed from the army by Kutuzov. Now having come to the army, he informed Kutuzov of the Emperor's displeasure at the poor success of our forces and the slowness of their advance. The Emperor intended to join the army personally in a few days' time.

The old man, experienced in court as well as in military affairs--this same Kutuzov who in August had been chosen commander in chief against the sovereign's wishes and who had removed the Grand Duke and heir--apparent from the army--who on his own authority and contrary to the Emperor's will had decided on the abandonment of Moscow, now realized at once that his day was over, that his part was played, and that the power he was supposed to hold was no longer his. And he understood this not merely from the attitude of the court. He saw on the one hand that the military business in which he had played his part was ended and felt that his mission was accomplished; and at the same time he began to be conscious of the physical weariness of his aged body and of the necessity of physical rest.

On the twenty-ninth of November Kutuzov entered Vilna--his "dear Vilna" as he called it. Twice during his career Kutuzov had been governor of Vilna. In that wealthy town, which had not been injured, he found old friends and associations, besides the comforts of life of which he had so long been deprived. And he suddenly turned from the cares of army and state and, as far as the passions that seethed around him allowed, immersed himself in the quiet life to which he had formerly been accustomed, as if all that was taking place and all that had still to be done in the realm of history did not concern him at all.

Chichagov, one of the most zealous "cutters-off" and "breakers-up," who had first wanted to effect a diversion in Greece and then in Warsaw but never wished to go where he was sent: Chichagov, noted for the boldness with which he spoke to the Emperor, and who considered Kutuzov to be under an obligation to him because when he was sent to make peace with Turkey in 1811 independently of Kutuzov, and found that peace had already been concluded, he admitted to the Emperor that the merit of securing that peace was really Kutuzov's; this Chichagov was the first to

meet Kutuzov at the castle where the latter was to stay. In undress naval uniform, with a dirk, and holding his cap under his arm, he handed Kutuzov a garrison report and the keys of the town. The contemptuously respectful attitude of the younger men to the old man in his dotage was expressed in the highest degree by the behavior of Chichagov, who knew of the accusations that were being directed against Kutuzov.

When speaking to Chichagov, Kutuzov incidentally mentioned that the vehicles packed with china that had been captured from him at Borisov had been recovered and would be restored to him.

"You mean to imply that I have nothing to eat out of.... On the contrary, I can supply you with everything even if you want to give dinner parties," warmly replied Chichagov, who tried by every word he spoke to prove his own rectitude and therefore imagined Kutuzov to be animated by the same desire.

Kutuzov, shrugging his shoulders, replied with his subtle penetrating smile: "I meant merely to say what I said."

Contrary to the Emperor's wish Kutuzov detained the greater part of the army at Vilna. Those about him said that he became extraordinarily slack and physically feeble during his stay in that town. He attended to army affairs reluctantly, left everything to his generals, and while awaiting the Emperor's arrival led a dissipated life.

Having left Petersburg on the seventh of December with his suite--Count Tolstoy, Prince Volkonski, Arakcheev, and others--the Emperor reached Vilna on the eleventh, and in his traveling sleigh drove straight to the castle. In spite of the severe frost some hundred generals and staff officers in full parade uniform stood in front of the castle, as well as a guard of honor of the Semenov regiment.

A courier who galloped to the castle in advance, in a troyka with three foam-flecked horses, shouted "Coming!" and Konovnitsyn rushed into the vestibule to inform Kutuzov, who was waiting in the hall porter's little lodge.

A minute later the old man's large stout figure in full-dress uniform, his chest covered with orders and a scarf drawn round his stomach, waddled out into the porch. He put on his hat with its peaks to the sides and, holding his gloves in his hand and walking with an effort sideways down the steps to the level of the street, took in his hand the report he had prepared for the Emperor.

There was running to and fro and whispering; another troyka

furiously up, and then all eyes were turned on an approaching sleigh in which the figures of the Emperor and Volkonski could already be descried.

From the habit of fifty years all this had a physically agitating effect on the old general. He carefully and hastily felt himself all over, readjusted his hat, and pulling himself together drew himself up and, at the very moment when the Emperor, having alighted from the sleigh, lifted his eyes to him, handed him the report and began speaking in his smooth, ingratiating voice.

The Emperor with a rapid glance scanned Kutuzov from head to foot, frowned for an instant, but immediately mastering himself went up to the old man, extended his arms and embraced him. And this embrace too, owing to a long-standing impression related to his innermost feelings, had its usual effect on Kutuzov and he gave a sob.

The Emperor greeted the officers and the Semenov guard, and again pressing the old man's hand went with him into the castle.

When alone with the field marshal the Emperor expressed his dissatisfaction at the slowness of the pursuit and at the mistakes made at Krasnoe and the Berezina, and informed him of his intentions for a future campaign abroad. Kutuzov made no rejoinder or remark. The same submissive, expressionless look with which he had listened to the Emperor's commands on the field of Austerlitz seven years before settled on his face now.

When Kutuzov came out of the study and with lowered head was crossing the ballroom with his heavy waddling gait, he was arrested by someone's voice saying:

"Your Serene Highness!"

Kutuzov raised his head and looked for a long while into the eyes of Count Tolstoy, who stood before him holding a silver salver on which lay a small object. Kutuzov seemed not to understand what was expected of him.

Suddenly he seemed to remember; a scarcely perceptible smile flashed across his puffy face, and bowing low and respectfully he took the object that lay on the salver. It was the Order of St. George of the First Class.

CHAPTER XI

Next day the field marshal gave a dinner and ball which the Emperor honored by his presence. Kutuzov had received the Order of St. George of the First Class and the Emperor showed him the highest honors, but everyone knew of the imperial dissatisfaction with him. The proprieties were observed and the Emperor was the first to set that example, but everybody understood that the old man was blameworthy and good-for-nothing. When Kutuzov, conforming to a custom of Catherine's day, ordered the standards that had been captured to be lowered at the Emperor's feet on his entering the ballroom, the Emperor made a wry face and muttered something in which some people caught the words, "the old comedian."

The Emperor's displeasure with Kutuzov was specially increased at Vilna by the fact that Kutuzov evidently could not or would not understand the importance of the coming campaign.

When on the following morning the Emperor said to the officers assembled about him: "You have not only saved Russia, you have saved Europe!" they all understood that the war was not ended.

Kutuzov alone would not see this and openly expressed his opinion that no fresh war could improve the position or add to the glory of Russia, but could only spoil and lower the glorious position that Russia had gained. He tried to prove to the Emperor the impossibility of levying fresh troops, spoke of the hardships already endured by the people, of the possibility of failure and so forth.

This being the field marshal's frame of mind he was naturally regarded as merely a hindrance and obstacle to the impending war.

To avoid unpleasant encounters with the old man, the natural method was to do what had been done with him at Austerlitz and with Barclay at the beginning of the Russian campaign--to transfer the authority to the Emperor himself, thus cutting the ground from under the commander in chief's feet without upsetting the old man by informing him of the change.

With this object his staff was gradually reconstructed and its real strength removed and transferred to the Emperor. Toll, Konovnitsyn, and Ermolov received fresh appointments. Everyone spoke loudly of the field marshal's great weakness and failing health.

His health had to be bad for his place to be taken away and given to another. And in fact his health was poor.

So naturally, simply, and gradually--just as he had come from Turkey to the Treasury in Petersburg to recruit the militia, and then to the army when he was needed there--now when his part was played out, Kutuzov's place was taken by a new and necessary performer.

The war 1812, besides its national significance dear to every Russian heart, was now to assume another, a European, significance.

The movement of peoples from west to east was to be succeeded by a movement of peoples from east to west, and for this fresh war another leader was necessary, having qualities and views differing from Kutuzov's and animated by different motives.

Alexander I was as necessary for the movement of the peoples from east to west and for the refixing of national frontiers as Kutuzov had been for the salvation and glory of Russia.

Kutuzov did not understand what Europe, the balance of power, or Napoleon meant. He could not understand it. For the representative of the Russian people, after the enemy had been destroyed and Russia had been liberated and raised to the summit of her glory, there was nothing left to do as a Russian. Nothing remained for the representative of the national war but to die, and Kutuzov died.

CHAPTER XII

As generally happens, Pierre did not feel the full effects of the physical privation and strain he had suffered as prisoner until after they were over. After his liberation he reached Orel, and on the third day there, when preparing to go to Kiev, he fell ill and was laid up for three months. He had what the doctors termed "bilious fever." But despite the fact that the doctors treated him, bled him, and gave him medicines to drink, he recovered.

Scarcely any impression was left on Pierre's mind by all that happened to him from the time of his rescue till his illness. He remembered only the dull gray weather now rainy and now snowy, internal physical distress, and pains in his feet and side. He remembered a general impression of the misfortunes and sufferings of people and of being worried by the curiosity of officers and generals who questioned him, he also remembered his difficulty in procuring a conveyance and horses, and above all he remembered his

incapacity to think and feel all that time. On the day of his rescue he had seen the body of Petya Rostov. That same day he had learned that Prince Andrew, after surviving the battle of Borodino for more than a month had recently died in the Rostovs' house at Yaroslavl, and Denisov who told him this news also mentioned Helene's death, supposing that Pierre had heard of it long before. All this at the time seemed merely strange to Pierre: he felt he could not grasp its significance. Just then he was only anxious to get away as quickly as possible from places where people were killing one another, to some peaceful refuge where he could recover himself, rest, and think over all the strange new facts he had learned; but on reaching Orel he immediately fell ill. When he came to himself after his illness he saw in attendance on him two of his servants, Terenty and Vaska, who had come from Moscow; and also his cousin the eldest princess, who had been living on his estate at Elets and hearing of his rescue and illness had come to look after him.

It was only gradually during his convalescence that Pierre lost the impressions he had become accustomed to during the last few months and got used to the idea that no one would oblige him to go anywhere tomorrow, that no one would deprive him of his warm bed, and that he would be sure to get his dinner, tea, and supper. But for a long time in his dreams he still saw himself in the conditions of captivity. In the same way little by little he came to understand the news he had been told after his rescue, about the death of Prince Andrew, the death of his wife, and the destruction of the French.

A joyous feeling of freedom--that complete inalienable freedom natural to man which he had first experienced at the first halt outside Moscow--filled Pierre's soul during his convalescence. He was surprised to find that this inner freedom, which was independent of external conditions, now had as it were an additional setting of external liberty. He was alone in a strange town, without acquaintances. No one demanded anything of him or sent him anywhere. He had all he wanted: the thought of his wife which had been a continual torment to him was no longer there, since she was no more.

"Oh, how good! How splendid!" said he to himself when a cleanly laid table was moved up to him with savory beef tea, or when he lay down for the night on a soft clean bed, or when he remembered that the French had gone and that his wife was no more. "Oh, how good, how splendid!"

And by old habit he asked himself the question: "Well, and what then? What am I going to do?" And he immediately gave himself the answer: "Well, I shall live. Ah, how splendid!"

The very question that had formerly tormented him, the thing he had continually sought to find--the aim of life--no longer existed for him now. That search for the aim of life had not merely disappeared temporarily--he felt that it no longer existed for him and could not present itself again. And this very absence of an aim gave him the complete, joyous sense of freedom which constituted his happiness at this time.

He could not see an aim, for he now had faith--not faith in any kind of rule, or words, or ideas, but faith in an ever-living, ever-manifest God. Formerly he had sought Him in aims he set himself. That search for an aim had been simply a search for God, and suddenly in his captivity he had learned not by words or reasoning but by direct feeling what his nurse had told him long ago: that God is here and everywhere. In his captivity he had learned that in Karataev God was greater, more infinite and unfathomable than in the Architect of the Universe recognized by the Freemasons. He felt like a man who after straining his eyes to see into the far distance finds what he sought at his very feet. All his life he had looked over the heads of the men around him, when he should have merely looked in front of him without straining his eyes.

In the past he had never been able to find that great inscrutable infinite something. He had only felt that it must exist somewhere and had looked for it. In everything near and comprehensible he had only what was limited, petty, commonplace, and senseless. He had equipped himself with a mental telescope and looked into remote space, where petty worldliness hiding itself in misty distance had seemed to him great and infinite merely because it was not clearly seen. And such had European life, politics, Freemasonry, philosophy, and philanthropy seemed to him. But even then, at moments of weakness as he had accounted them, his mind had penetrated to those distances and he had there seen the same pettiness, worldliness, and senselessness. Now, however, he had learned to see the great, eternal, and infinite in everything, and therefore--to see it and enjoy its contemplation--he naturally threw away the telescope through which he had till now gazed over men's heads, and gladly regarded the ever-changing, eternally great, unfathomable, and infinite life around him. And the closer he looked the more tranquil and happy he became. That dreadful question, "What for?" which had formerly destroyed all his mental edifices, no longer existed for him. To that question, "What for?" a simple answer was now always ready in his soul: "Because there is a God, that God without whose will not one hair falls from a man's head."

CHAPTER XIII

In external ways Pierre had hardly changed at all. In appearance he was just what he used to be. As before he was absent-minded and seemed occupied not with what was before his eyes but with something special of his own. The difference between his former and present self was that formerly when he did not grasp what lay before him or was said to him, he had puckered his forehead painfully as if vainly seeking to distinguish something at a distance. At present he still forgot what was said to him and still did not see what was before his eyes, but he now looked with a scarcely perceptible and seemingly ironic smile at what was before him and listened to what was said, though evidently seeing and hearing something quite different. Formerly he had appeared to be a kindhearted but unhappy man, and so people had been inclined to avoid him. Now a smile at the joy of life always played round his lips, and sympathy for others, shone in his eyes with a questioning look as to whether they were as contented as he was, and people felt pleased by his presence.

Previously he had talked a great deal, grew excited when he talked, and seldom listened; now he was seldom carried away in conversation and knew how to listen so that people readily told him their most intimate secrets.

The princess, who had never liked Pierre and had been particularly hostile to him since she had felt herself under obligations to him after the old count's death, now after staying a short time in Orel--where she had come intending to show Pierre that in spite of his ingratitude she considered it her duty to nurse him--felt to her surprise and vexation that she had become fond of him. Pierre did not in any way seek her approval, he merely studied her with interest. Formerly she had felt that he regarded her with indifference and irony, and so had shrunk into herself as she did with others and had shown him only the combative side of her nature; but now he seemed to be trying to understand the most intimate places of her heart, and, mistrustfully at first but afterwards gratefully, she let him see the hidden, kindly sides of her character.

The most cunning man could not have crept into her confidence more successfully, evoking memories of the best times of her youth and showing sympathy with them. Yet Pierre's cunning consisted simply in finding pleasure in drawing out the human qualities of the embittered, hard, and (in her own way) proud princess.

"Yes, he is a very, very kind man when he is not under the influence of bad people but of people such as myself," thought she.

His servants too--Terenty and Vaska--in their own way noticed the change that had taken place in Pierre. They considered that he had become much "simpler." Terenty, when he had helped him undress and wished him good night, often lingered with his master's boots in his hands and clothes over his arm, to see whether he would not start a talk. And Pierre, noticing that Terenty wanted a chat, generally kept him there.

"Well, tell me... now, how did you get food?" he would ask.

And Terenty would begin talking of the destruction of Moscow, and of the old count, and would stand for a long time holding the clothes and talking, or sometimes listening to Pierre's stories, and then would go out into the hall with a pleasant sense of intimacy with his master and affection for him.

The doctor who attended Pierre and visited him every day, though he considered it his duty as a doctor to pose as a man whose every moment was of value to suffering humanity, would sit for hours with Pierre telling him his favorite anecdotes and his observations on the characters of his patients in general, and especially of the ladies.

"It's a pleasure to talk to a man like that; he is not like our provincials," he would say.

There were several prisoners from the French army in Orel, and the doctor brought one of them, a young Italian, to see Pierre.

This officer began visiting Pierre, and the princess used to make fun of the tenderness the Italian expressed for him.

The Italian seemed happy only when he could come to see Pierre, talk with him, tell him about his past, his life at home, and his love, and pour out to him his indignation against the French and especially against Napoleon.

"If all Russians are in the least like you, it is sacrilege to fight such a nation," he said to Pierre. "You, who have suffered so from the French, do not even feel animosity toward them."

Pierre had evoked the passionate affection of the Italian merely by evoking the best side of his nature and taking a pleasure in so doing.

During the last days of Pierre's stay in Orel his old Masonic acquaintance Count Willarski, who had introduced him to the lodge in

1807, came to see him. Willarski was married to a Russian heiress who had a large estate in Orel province, and he occupied a temporary post in the commissariat department in that town.

Hearing that Bezukhov was in Orel, Willarski, though they had never been intimate, came to him with the professions of friendship and intimacy that people who meet in a desert generally express for one another. Willarski felt dull in Orel and was pleased to meet a man of his own circle and, as he supposed, of similar interests.

But to his surprise Willarski soon noticed that Pierre had lagged much behind the times, and had sunk, as he expressed it to himself, into apathy and egotism.

"You are letting yourself go, my dear fellow," he said.

But for all that Willarski found it pleasanter now than it had been formerly to be with Pierre, and came to see him every day. To Pierre as he looked at and listened to Willarski, it seemed strange to think that he had been like that himself but a short time before.

Willarski was a married man with a family, busy with his family affairs, his wife's affairs, and his official duties. He regarded all these occupations as hindrances to life, and considered that they were all contemptible because their aim was the welfare of himself and his family. Military, administrative, political, and Masonic interests continually absorbed his attention. And Pierre, without trying to change the other's views and without condemning him, but with the quiet, joyful, and amused smile now habitual to him, was interested in this strange though very familiar phenomenon.

There was a new feature in Pierre's relations with Willarski, with the princess, with the doctor, and with all the people he now met, which gained for him the general good will. This was his acknowledgment of the impossibility of changing a man's convictions by words, and his recognition of the possibility of everyone thinking, feeling, and seeing things each from his own point of view. This legitimate peculiarity of each individual which used to excite and irritate Pierre now became a basis of the sympathy he felt for, and the interest he took in, other people. The difference, and sometimes complete contradiction, between men's opinions and their lives, and between one man and another, pleased him and drew from him an amused and gentle smile.

In practical matters Pierre unexpectedly felt within himself a center of gravity he had previously lacked. Formerly all pecuniary questions, especially requests for money to which, as an extremely wealthy man, he was very exposed, produced in him a state of

hopeless agitation and perplexity. "To give or not to give?" he had asked himself. "I have it and he needs it. But someone else needs it still more. Who needs it most? And perhaps they are both impostors?" In the old days he had been unable to find a way out of all these surmises and had given to all who asked as long as he had anything to give. Formerly he had been in a similar state of perplexity with regard to every question concerning his property, when one person advised one thing and another something else.

Now to his surprise he found that he no longer felt either doubt or perplexity about these questions. There was now within him a judge who by some rule unknown to him decided what should or should not be done.

He was as indifferent as heretofore to money matters, but now he felt certain of what ought and what ought not to be done. The first time he had recourse to his new judge was when a French prisoner, a colonel, came to him and, after talking a great deal about his exploits, concluded by making what amounted to a demand that Pierre should give him four thousand francs to send to his wife and children. Pierre refused without the least difficulty or effort, and was afterwards surprised how simple and easy had been what used to appear so insurmountably difficult. At the same time that he refused the colonel's demand he made up his mind that he must have recourse to artifice when leaving Orel, to induce the Italian officer to accept some money of which he was evidently in need. A further proof to Pierre of his own more settled outlook on practical matters was furnished by his decision with regard to his wife's debts and to the rebuilding of his houses in and near Moscow.

His head steward came to him at Orel and Pierre reckoned up with him his diminished income. The burning of Moscow had cost him, according to the head steward's calculation, about two million rubles.

To console Pierre for these losses the head steward gave him an estimate showing that despite these losses his income would not be diminished but would even be increased if he refused to pay his wife's debts which he was under no obligation to meet, and did not rebuild his Moscow house and the country house on his Moscow estate, which had cost him eighty thousand rubles a year and brought in nothing.

"Yes, of course that's true," said Pierre with a cheerful smile. "I don't need all that at all. By being ruined I have become much richer."

But in January Savelich came from Moscow and gave him an account of the state of things there, and spoke of the estimate an architect had made of the cost of rebuilding the town and country houses,

speaking of this as of a settled matter. About the same time he received letters from Prince Vasili and other Petersburg acquaintances speaking of his wife's debts. And Pierre decided that the steward's proposals which had so pleased him were wrong and that he must go to Petersburg and settle his wife's affairs and must rebuild in Moscow. Why this was necessary he did not know, but he knew for certain that it was necessary. His income would be reduced by three fourths, but he felt it must be done.

Willarski was going to Moscow and they agreed to travel together.

During the whole time of his convalescence in Orel Pierre had experienced a feeling of joy, freedom, and life; but when during his journey he found himself in the open world and saw hundreds of new faces, that feeling was intensified. Throughout his journey he felt like a schoolboy on holiday. Everyone--the stagecoach driver, the post-house overseers, the peasants on the roads and in the villages--had a new significance for him. The presence and remarks of Willarski who continually deplored the ignorance and poverty of Russia and its backwardness compared with Europe only heightened Pierre's pleasure. Where Willarski saw deadness Pierre saw an extraordinary strength and vitality--the strength which in that vast space amid the snows maintained the life of this original, peculiar, and unique people. He did not contradict Willarski and even seemed to agree with him--an apparent agreement being the simplest way to avoid discussions that could lead to nothing--and he smiled joyfully as he listened to him.

CHAPTER XIV

It would be difficult to explain why and whither ants whose heap has been destroyed are hurrying: some from the heap dragging bits of rubbish, larvae, and corpses, others back to the heap, or why they jostle, overtake one another, and fight, and it would be equally difficult to explain what caused the Russians after the departure of the French to throng to the place that had formerly been Moscow. But when we watch the ants round their ruined heap, the tenacity, energy, and immense number of the delving insects prove that despite the destruction of the heap, something indestructible, which though intangible is the real strength of the colony, still exists; and similarly, though in Moscow in the month of October there was no government no churches, shrines, riches, or houses--it was still the Moscow it had been in August. All was destroyed, except something

intangible yet powerful and indestructible.

The motives of those who thronged from all sides to Moscow after it had been cleared of the enemy were most diverse and personal, and at first for the most part savage and brutal. One motive only they all had in common: a desire to get to the place that had been called Moscow, to apply their activities there.

Within a week Moscow already had fifteen thousand inhabitants, in a fortnight twenty-five thousand, and so on. By the autumn of 1813 the number, ever increasing and increasing, exceeded what it had been in 1812.

The first Russians to enter Moscow were the Cossacks of Wintzingerode's detachment, peasants from the adjacent villages, and residents who had fled from Moscow and had been hiding in its vicinity. The Russians who entered Moscow, finding it plundered, plundered it in their turn. They continued what the French had begun. Trains of peasant carts came to Moscow to carry off to the villages what had been abandoned in the ruined houses and the streets. The Cossacks carried off what they could to their camps, and the householders seized all they could find in other houses and moved it to their own, pretending that it was their property.

But the first plunderers were followed by a second and a third contingent, and with increasing numbers plundering became more and more difficult and assumed more definite forms.

The French found Moscow abandoned but with all the organizations of regular life, with diverse branches of commerce and craftsmanship, with luxury, and governmental and religious institutions. These forms were lifeless but still existed. There were bazaars, shops, warehouses, market stalls, granaries--for the most part still stocked with goods--and there were factories and workshops, palaces and wealthy houses filled with luxuries, hospitals, prisons, government offices, churches, and cathedrals. The longer the French remained the more these forms of town life perished, until finally all was merged into one confused, lifeless scene of plunder.

The more the plundering by the French continued, the more both the wealth of Moscow and the strength of its plunderers was destroyed. But plundering by the Russians, with which the reoccupation of the city began, had an opposite effect: the longer it continued and the greater the number of people taking part in it the more rapidly was the wealth of the city and its regular life restored.

Besides the plunderers, very various people, some drawn by

curiosity, some by official duties, some by self-interest--house owners, clergy, officials of all kinds, tradesmen, artisans, and peasants--streamed into Moscow as blood flows to the heart.

Within a week the peasants who came with empty carts to carry off plunder were stopped by the authorities and made to cart the corpses out of the town. Other peasants, having heard of their comrades' discomfiture, came to town bringing rye, oats, and hay, and beat down one another's prices to below what they had been in former days. Gangs of carpenters hoping for high pay arrived in Moscow every day, and on all sides logs were being hewn, new houses built, and old, charred ones repaired. Tradesmen began trading in booths. Cookshops and taverns were opened in partially burned houses. The clergy resumed the services in many churches that had not been burned. Donors contributed Church property that had been stolen. Government clerks set up their baize-covered tables and their pigeonholes of documents in small rooms. The higher authorities and the police organized the distribution of goods left behind by the French. The owners of houses in which much property had been left, brought there from other houses, complained of the injustice of taking everything to the Faceted Palace in the Kremlin; others insisted that as the French had gathered things from different houses into this or that house, it would be unfair to allow its owner to keep all that was found there. They abused the police and bribed them, made out estimates at ten times their value for government stores that had perished in the fire, and demanded relief. And Count Rostopchin wrote proclamations.

CHAPTER XV

At the end of January Pierre went to Moscow and stayed in an annex of his house which had not been burned. He called on Count Rostopchin and on some acquaintances who were back in Moscow, and he intended to leave for Petersburg two days later. Everybody was celebrating the victory, everything was bubbling with life in the ruined but reviving city. Everyone was pleased to see Pierre, everyone wished to meet him, and everyone questioned him about what he had seen. Pierre felt particularly well disposed toward them all, but was now instinctively on his guard for fear of binding himself in any way. To all questions put to him--whether important or quite trifling--such as: Where would he live? Was he going to rebuild? When was he going to Petersburg and would he mind taking a parcel for someone?--he replied: "Yes, perhaps," or, "I think so," and so on.

He had heard that the Rostovs were at Kostroma but the thought of Natasha seldom occurred to him. If it did it was only as a pleasant memory of the distant past. He felt himself not only free from social obligations but also from that feeling which, it seemed to him, he had aroused in himself.

On the third day after his arrival he heard from the Drubetskoys that Princess Mary was in Moscow. The death, sufferings, and last days of Prince Andrew had often occupied Pierre's thoughts and now recurred to him with fresh vividness. Having heard at dinner that Princess Mary was in Moscow and living in her house--which had not been burned--in Vozdvizhenka Street, he drove that same evening to see her.

On his way to the house Pierre kept thinking of Prince Andrew, of their friendship, of his various meetings with him, and especially of the last one at Borodino.

"Is it possible that he died in the bitter frame of mind he was then in? Is it possible that the meaning of life was not disclosed to him before he died?" thought Pierre. He recalled Karataev and his death and involuntarily began to compare these two men, so different, and yet so similar in that they had both lived and both died and in the love he felt for both of them.

Pierre drove up to the house of the old prince in a most serious mood. The house had escaped the fire; it showed signs of damage but its general aspect was unchanged. The old footman, who met Pierre with a stern face as if wishing to make the visitor feel that the absence of the old prince had not disturbed the order of things in the house, informed him that the princess had gone to her own apartments, and that she received on Sundays.

"Announce me. Perhaps she will see me," said Pierre.

"Yes, sir," said the man. "Please step into the portrait gallery."

A few minutes later the footman returned with Dessalles, who brought word from the princess that she would be very glad to see Pierre if he would excuse her want of ceremony and come upstairs to her apartment.

In a rather low room lit by one candle sat the princess and with her another person dressed in black. Pierre remembered that the princess always had lady companions, but who they were and what they were like he never knew or remembered. "This must be one of her companions," he thought, glancing at the lady in the black dress.

The princess rose quickly to meet him and held out her hand.

"Yes," she said, looking at his altered face after he had kissed her hand, "so this is how we meet again. He spoke of you even at the very last," she went on, turning her eyes from Pierre to her companion with a shyness that surprised him for an instant.

"I was so glad to hear of your safety. It was the first piece of good news we had received for a long time."

Again the princess glanced round at her companion with even more uneasiness in her manner and was about to add something, but Pierre interrupted her.

"Just imagine--I knew nothing about him!" said he. "I thought he had been killed. All I know I heard at second hand from others. I only know that he fell in with the Rostovs.... What a strange coincidence!"

Pierre spoke rapidly and with animation. He glanced once at the companion's face, saw her attentive and kindly gaze fixed on him, and, as often happens when one is talking, felt somehow that this companion in the black dress was a good, kind, excellent creature who would not hinder his conversing freely with Princess Mary.

But when he mentioned the Rostovs, Princess Mary's face expressed still greater embarrassment. She again glanced rapidly from Pierre's face to that of the lady in the black dress and said:

"Do you really not recognize her?"

Pierre looked again at the companion's pale, delicate face with its black eyes and peculiar mouth, and something near to him, long forgotten and more than sweet, looked at him from those attentive eyes.

"But no, it can't be!" he thought. "This stern, thin, pale face that looks so much older! It cannot be she. It merely reminds me of her." But at that moment Princess Mary said, "Natasha!" And with difficulty, effort, and stress, like the opening of a door grown rusty on its hinges, a smile appeared on the face with the attentive eyes, and from that opening door came a breath of fragrance which suffused Pierre with a happiness he had long forgotten and of which he had not even been thinking--especially at that moment. It suffused him, seized him, and enveloped him completely. When she smiled doubt was no longer possible, it was Natasha and he loved her.

At that moment Pierre involuntarily betrayed to her, to Princess Mary, and above all to himself, a secret of which he himself had been unaware. He flushed joyfully yet with painful distress. He

tried to hide his agitation. But the more he tried to hide it the more clearly--clearer than any words could have done--did he betray to himself, to her, and to Princess Mary that he loved her.

"No, it's only the unexpectedness of it," thought Pierre. But as soon as he tried to continue the conversation he had begun with Princess Mary he again glanced at Natasha, and a still-deeper flush suffused his face and a still-stronger agitation of mingled joy and fear seized his soul. He became confused in his speech and stopped in the middle of what he was saying.

Pierre had failed to notice Natasha because he did not at all expect to see her there, but he had failed to recognize her because the change in her since he last saw her was immense. She had grown thin and pale, but that was not what made her unrecognizable; she was unrecognizable at the moment he entered because on that face whose eyes had always shone with a suppressed smile of the joy of life, now when he first entered and glanced at her there was not the least shadow of a smile: only her eyes were kindly attentive and sadly interrogative.

Pierre's confusion was not reflected by any confusion on Natasha's part, but only by the pleasure that just perceptibly lit up her whole face.

CHAPTER XVI

"She has come to stay with me," said Princess Mary. "The count and countess will be here in a few days. The countess is in a dreadful state; but it was necessary for Natasha herself to see a doctor. They insisted on her coming with me."

"Yes, is there a family free from sorrow now?" said Pierre, addressing Natasha. "You know it happened the very day we were rescued. I saw him. What a delightful boy he was!"

Natasha looked at him, and by way of answer to his words her eyes widened and lit up.

"What can one say or think of as a consolation?" said Pierre.

"Nothing! Why had such a splendid boy, so full of life, to die?"

"Yes, in these days it would be hard to live without faith..."

remarked Princess Mary.

"Yes, yes, that is really true," Pierre hastily interrupted her.

"Why is it true?" Natasha asked, looking attentively into Pierre's eyes.

"How can you ask why?" said Princess Mary. "The thought alone of what awaits..."

Natasha without waiting for Princess Mary to finish again looked inquiringly at Pierre.

"And because," Pierre continued, "only one who believes that there is a God ruling us can bear a loss such as hers and... yours."

Natasha had already opened her mouth to speak but suddenly stopped. Pierre hurriedly turned away from her and again addressed Princess Mary, asking about his friend's last days.

Pierre's confusion had now almost vanished, but at the same time he felt that his freedom had also completely gone. He felt that there was now a judge of his every word and action whose judgment mattered more to him than that of all the rest of the world. As he spoke now he was considering what impression his words would make on Natasha. He did not purposely say things to please her, but whatever he was saying he regarded from her standpoint.

Princess Mary--reluctantly as is usual in such cases--began telling of the condition in which she had found Prince Andrew. But Pierre's face quivering with emotion, his questions and his eager restless expression, gradually compelled her to go into details which she feared to recall for her own sake.

"Yes, yes, and so...?" Pierre kept saying as he leaned toward her with his whole body and eagerly listened to her story. "Yes, yes... so he grew tranquil and softened? With all his soul he had always sought one thing--to be perfectly good--so he could not be afraid of death. The faults he had--if he had any--were not of his making. So he did soften?... What a happy thing that he saw you again," he added, suddenly turning to Natasha and looking at her with eyes full of tears.

Natasha's face twitched. She frowned and lowered her eyes for a moment. She hesitated for an instant whether to speak or not.

"Yes, that was happiness," she then said in her quiet voice with its deep chest notes. "For me it certainly was happiness." She paused.

"And he... he... he said he was wishing for it at the very moment I entered the room...."

Natasha's voice broke. She blushed, pressed her clasped hands on her knees, and then controlling herself with an evident effort lifted her head and began to speak rapidly.

"We knew nothing of it when we started from Moscow. I did not dare to ask about him. Then suddenly Sonya told me he was traveling with us. I had no idea and could not imagine what state he was in, all I wanted was to see him and be with him," she said, trembling, and breathing quickly.

And not letting them interrupt her she went on to tell what she had never yet mentioned to anyone--all she had lived through during those three weeks of their journey and life at Yaroslavl.

Pierre listened to her with lips parted and eyes fixed upon her full of tears. As he listened he did not think of Prince Andrew, nor of death, nor of what she was telling. He listened to her and felt only pity for her, for what she was suffering now while she was speaking.

Princess Mary, frowning in her effort to hold back her tears, sat beside Natasha, and heard for the first time the story of those last days of her brother's and Natasha's love.

Evidently Natasha needed to tell that painful yet joyful tale.

She spoke, mingling most trifling details with the intimate secrets of her soul, and it seemed as if she could never finish. Several times she repeated the same thing twice.

Dessalles' voice was heard outside the door asking whether little Nicholas might come in to say good night.

"Well, that's all--everything," said Natasha.

She got up quickly just as Nicholas entered, almost ran to the door which was hidden by curtains, struck her head against it, and rushed from the room with a moan either of pain or sorrow.

Pierre gazed at the door through which she had disappeared and did not understand why he suddenly felt all alone in the world.

Princess Mary roused him from his abstraction by drawing his attention to her nephew who had entered the room.

At that moment of emotional tenderness young Nicholas' face, which

resembled his father's, affected Pierre so much that when he had kissed the boy he got up quickly, took out his handkerchief, and went to the window. He wished to take leave of Princess Mary, but she would not let him go.

"No, Natasha and I sometimes don't go to sleep till after two, so please don't go. I will order supper. Go downstairs, we will come immediately."

Before Pierre left the room Princess Mary told him: "This is the first time she has talked of him like that."

CHAPTER XVII

Pierre was shown into the large, brightly lit dining room; a few minutes later he heard footsteps and Princess Mary entered with Natasha. Natasha was calm, though a severe and grave expression had again settled on her face. They all three of them now experienced that feeling of awkwardness which usually follows after a serious and heartfelt talk. It is impossible to go back to the same conversation, to talk of trifles is awkward, and yet the desire to speak is there and silence seems like affectation. They went silently to table. The footmen drew back the chairs and pushed them up again. Pierre unfolded his cold table napkin and, resolving to break the silence, looked at Natasha and at Princess Mary. They had evidently both formed the same resolution; the eyes of both shone with satisfaction and a confession that besides sorrow life also has joy.

"Do you take vodka, Count?" asked Princess Mary, and those words suddenly banished the shadows of the past. "Now tell us about yourself," said she. "One hears such improbable wonders about you."

"Yes," replied Pierre with the smile of mild irony now habitual to him. "They even tell me wonders I myself never dreamed of! Mary Abramovna invited me to her house and kept telling me what had happened, or ought to have happened, to me. Stepan Stepanych also instructed me how I ought to tell of my experiences. In general I have noticed that it is very easy to be an interesting man (I am an interesting man now); people invite me out and tell me all about myself."

Natasha smiled and was on the point of speaking.

"We have been told," Princess Mary interrupted her, "that you lost two millions in Moscow. Is that true?"

"But I am three times as rich as before," returned Pierre.

Though the position was now altered by his decision to pay his wife's debts and to rebuild his houses, Pierre still maintained that he had become three times as rich as before.

"What I have certainly gained is freedom," he began seriously, but did not continue, noticing that this theme was too egotistic.

"And are you building?"

"Yes. Savelich says I must!"

"Tell me, you did not know of the countess' death when you decided to remain in Moscow?" asked Princess Mary and immediately blushed, noticing that her question, following his mention of freedom, ascribed to his words a meaning he had perhaps not intended.

"No," answered Pierre, evidently not considering awkward the meaning Princess Mary had given to his words. "I heard of it in Orel and you cannot imagine how it shocked me. We were not an exemplary couple," he added quickly, glancing at Natasha and noticing on her face curiosity as to how he would speak of his wife, "but her death shocked me terribly. When two people quarrel they are always both in fault, and one's own guilt suddenly becomes terribly serious when the other is no longer alive. And then such a death... without friends and without consolation! I am very, very sorry for her," he concluded, and was pleased to notice a look of glad approval on Natasha's face.

"Yes, and so you are once more an eligible bachelor," said Princess Mary.

Pierre suddenly flushed crimson and for a long time tried not to look at Natasha. When he ventured to glance her way again her face was cold, stern, and he fancied even contemptuous.

"And did you really see and speak to Napoleon, as we have been told?" said Princess Mary.

Pierre laughed.

"No, not once! Everybody seems to imagine that being taken prisoner means being Napoleon's guest. Not only did I never see him but I heard nothing about him--I was in much lower company!"

Supper was over, and Pierre who at first declined to speak about his captivity was gradually led on to do so.

"But it's true that you remained in Moscow to kill Napoleon?"
Natasha asked with a slight smile. "I guessed it then when we met at the Sukharev tower, do you remember?"

Pierre admitted that it was true, and from that was gradually led by Princess Mary's questions and especially by Natasha's into giving a detailed account of his adventures.

At first he spoke with the amused and mild irony now customary with him toward everybody and especially toward himself, but when he came to describe the horrors and sufferings he had witnessed he was unconsciously carried away and began speaking with the suppressed emotion of a man re-experiencing in recollection strong impressions he has lived through.

Princess Mary with a gentle smile looked now at Pierre and now at Natasha. In the whole narrative she saw only Pierre and his goodness. Natasha, leaning on her elbow, the expression of her face constantly changing with the narrative, watched Pierre with an attention that never wandered--evidently herself experiencing all that he described. Not only her look, but her exclamations and the brief questions she put, showed Pierre that she understood just what he wished to convey. It was clear that she understood not only what he said but also what he wished to, but could not, express in words. The account Pierre gave of the incident with the child and the woman for protecting whom he was arrested was this: "It was an awful sight--children abandoned, some in the flames... One was snatched out before my eyes... and there were women who had their things snatched off and their earrings torn out..." he flushed and grew confused. "Then a patrol arrived and all the men--all those who were not looting, that is--were arrested, and I among them."

"I am sure you're not telling us everything; I am sure you did something..." said Natasha and pausing added, "something fine?"

Pierre continued. When he spoke of the execution he wanted to pass over the horrible details, but Natasha insisted that he should not omit anything.

Pierre began to tell about Karataev, but paused. By this time he had risen from the table and was pacing the room, Natasha following him with her eyes. Then he added:

"No, you can't understand what I learned from that illiterate man-

that simple fellow."

"Yes, yes, go on!" said Natasha. "Where is he?"

"They killed him almost before my eyes."

And Pierre, his voice trembling continually, went on to tell of the last days of their retreat, of Karataev's illness and his death.

He told of his adventures as he had never yet recalled them. He now, as it were, saw a new meaning in all he had gone through. Now that he was telling it all to Natasha he experienced that pleasure which a man has when women listen to him--not clever women who when listening either try to remember what they hear to enrich their minds and when opportunity offers to retell it, or who wish to adopt it to some thought of their own and promptly contribute their own clever comments prepared in their little mental workshop--but the pleasure given by real women gifted with a capacity to select and absorb the very best a man shows of himself. Natasha without knowing it was all attention: she did not lose a word, no single quiver in Pierre's voice, no look, no twitch of a muscle in his face, nor a single gesture. She caught the unfinished word in its flight and took it straight into her open heart, divining the secret meaning of all Pierre's mental travail.

Princess Mary understood his story and sympathized with him, but she now saw something else that absorbed all her attention. She saw the possibility of love and happiness between Natasha and Pierre, and the first thought of this filled her heart with gladness.

It was three o'clock in the morning. The footmen came in with sad and stern faces to change the candles, but no one noticed them.

Pierre finished his story. Natasha continued to look at him intently with bright, attentive, and animated eyes, as if trying to understand something more which he had perhaps left untold. Pierre in shamefaced and happy confusion glanced occasionally at her, and tried to think what to say next to introduce a fresh subject. Princess Mary was silent. It occurred to none of them that it was three o'clock and time to go to bed.

"People speak of misfortunes and sufferings," remarked Pierre, "but if at this moment I were asked: 'Would you rather be what you were before you were taken prisoner, or go through all this again?' then for heaven's sake let me again have captivity and horseflesh! We imagine that when we are thrown out of our usual ruts all is lost, but it is only then that what is new and good begins. While there is life there is happiness. There is much, much before us. I say

this to you," he added, turning to Natasha.

"Yes, yes," she said, answering something quite different. "I too should wish nothing but to relive it all from the beginning."

Pierre looked intently at her.

"Yes, and nothing more." said Natasha.

"It's not true, not true!" cried Pierre. "I am not to blame for being alive and wishing to live--nor you either."

Suddenly Natasha bent her head, covered her face with her hands, and began to cry.

"What is it, Natasha?" said Princess Mary.

"Nothing, nothing." She smiled at Pierre through her tears. "Good night! It is time for bed."

Pierre rose and took his leave.

Princess Mary and Natasha met as usual in the bedroom. They talked of what Pierre had told them. Princess Mary did not express her opinion of Pierre nor did Natasha speak of him.

"Well, good night, Mary!" said Natasha. "Do you know, I am often afraid that by not speaking of him" (she meant Prince Andrew) "for fear of not doing justice to our feelings, we forget him."

Princess Mary sighed deeply and thereby acknowledged the justice of Natasha's remark, but she did not express agreement in words.

"Is it possible to forget?" said she.

"It did me so much good to tell all about it today. It was hard and painful, but good, very good!" said Natasha. "I am sure he really loved him. That is why I told him... Was it all right?" she added, suddenly blushing.

"To tell Pierre? Oh, yes. What a splendid man he is!" said Princess Mary.

"Do you know, Mary..." Natasha suddenly said with a mischievous smile such as Princess Mary had not seen on her face for a long time, "he has somehow grown so clean, smooth, and fresh--as if he had just come out of a Russian bath; do you understand? Out of a moral

bath. Isn't it true?"

"Yes," replied Princess Mary. "He has greatly improved."

"With a short coat and his hair cropped; just as if, well, just as if he had come straight from the bath... Papa used to..."

"I understand why he" (Prince Andrew) "liked no one so much as him," said Princess Mary.

"Yes, and yet he is quite different. They say men are friends when they are quite different. That must be true. Really he is quite unlike him--in everything."

"Yes, but he's wonderful."

"Well, good night," said Natasha.

And the same mischievous smile lingered for a long time on her face as if it had been forgotten there.

CHAPTER XVIII

It was a long time before Pierre could fall asleep that night. He paced up and down his room, now turning his thoughts on a difficult problem and frowning, now suddenly shrugging his shoulders and wincing, and now smiling happily.

He was thinking of Prince Andrew, of Natasha, and of their love, at one moment jealous of her past, then reproaching himself for that feeling. It was already six in the morning and he still paced up and down the room.

"Well, what's to be done if it cannot be avoided? What's to be done? Evidently it has to be so," said he to himself, and hastily undressing he got into bed, happy and agitated but free from hesitation or indecision.

"Strange and impossible as such happiness seems, I must do everything that she and I may be man and wife," he told himself.

A few days previously Pierre had decided to go to Petersburg on the Friday. When he awoke on the Thursday, Savelich came to ask him about packing for the journey.

"What, to Petersburg? What is Petersburg? Who is there in Petersburg?" he asked involuntarily, though only to himself. "Oh, yes, long ago before this happened I did for some reason mean to go to Petersburg," he reflected. "Why? But perhaps I shall go. What a good fellow he is and how attentive, and how he remembers everything," he thought, looking at Savelich's old face, "and what a pleasant smile he has!"

"Well, Savelich, do you still not wish to accept your freedom?" Pierre asked him.

"What's the good of freedom to me, your excellency? We lived under the late count--the kingdom of heaven be his!--and we have lived under you too, without ever being wronged."

"And your children?"

"The children will live just the same. With such masters one can live."

"But what about my heirs?" said Pierre. "Supposing I suddenly marry... it might happen," he added with an involuntary smile.

"If I may take the liberty, your excellency, it would be a good thing."

"How easy he thinks it," thought Pierre. "He doesn't know how terrible it is and how dangerous. Too soon or too late... it is terrible!"

"So what are your orders? Are you starting tomorrow?" asked Savelich.

"No, I'll put it off for a bit. I'll tell you later. You must forgive the trouble I have put you to," said Pierre, and seeing Savelich smile, he thought: "But how strange it is that he should not know that now there is no Petersburg for me, and that that must be settled first of all! But probably he knows it well enough and is only pretending. Shall I have a talk with him and see what he thinks?" Pierre reflected. "No, another time."

At breakfast Pierre told the princess, his cousin, that he had been to see Princess Mary the day before and had there met--"Whom do you think? Natasha Rostova!"

The princess seemed to see nothing more extraordinary in that than if he had seen Anna Semenovna.

"Do you know her?" asked Pierre.

"I have seen the princess," she replied. "I heard that they were arranging a match for her with young Rostov. It would be a very good thing for the Rostovs, they are said to be utterly ruined."

"No; I mean do you know Natasha Rostova?"

"I heard about that affair of hers at the time. It was a great pity."

"No, she either doesn't understand or is pretending," thought Pierre. "Better not say anything to her either."

The princess too had prepared provisions for Pierre's journey.

"How kind they all are," thought Pierre. "What is surprising is that they should trouble about these things now when it can no longer be of interest to them. And all for me!"

On the same day the Chief of Police came to Pierre, inviting him to send a representative to the Faceted Palace to recover things that were to be returned to their owners that day.

"And this man too," thought Pierre, looking into the face of the Chief of Police. "What a fine, good-looking officer and how kind. Fancy bothering about such trifles now! And they actually say he is not honest and takes bribes. What nonsense! Besides, why shouldn't he take bribes? That's the way he was brought up, and everybody does it. But what a kind, pleasant face and how he smiles as he looks at me."

Pierre went to Princess Mary's to dinner.

As he drove through the streets past the houses that had been burned down, he was surprised by the beauty of those ruins. The picturesqueness of the chimney stacks and tumble-down walls of the burned-out quarters of the town, stretching out and concealing one another, reminded him of the Rhine and the Colosseum. The cabmen he met and their passengers, the carpenters cutting the timber for new houses with axes, the women hawkers, and the shopkeepers, all looked at him with cheerful beaming eyes that seemed to say: "Ah, there he is! Let's see what will come of it!"

At the entrance to Princess Mary's house Pierre felt doubtful whether he had really been there the night before and really seen Natasha and talked to her. "Perhaps I imagined it; perhaps I shall

go in and find no one there." But he had hardly entered the room before he felt her presence with his whole being by the loss of his sense of freedom. She was in the same black dress with soft folds and her hair was done the same way as the day before, yet she was quite different. Had she been like this when he entered the day before he could not for a moment have failed to recognize her.

She was as he had known her almost as a child and later on as Prince Andrew's fiancée. A bright questioning light shone in her eyes, and on her face was a friendly and strangely roguish expression.

Pierre dined with them and would have spent the whole evening there, but Princess Mary was going to vespers and Pierre left the house with her.

Next day he came early, dined, and stayed the whole evening. Though Princess Mary and Natasha were evidently glad to see their visitor and though all Pierre's interest was now centered in that house, by the evening they had talked over everything and the conversation passed from one trivial topic to another and repeatedly broke off. He stayed so long that Princess Mary and Natasha exchanged glances, evidently wondering when he would go. Pierre noticed this but could not go. He felt uneasy and embarrassed, but sat on because he simply could not get up and take his leave.

Princess Mary, foreseeing no end to this, rose first, and complaining of a headache began to say good night.

"So you are going to Petersburg tomorrow?" she asked.

"No, I am not going," Pierre replied hastily, in a surprised tone and as though offended. "Yes... no... to Petersburg? Tomorrow--but I won't say good-by yet. I will call round in case you have any commissions for me," said he, standing before Princess Mary and turning red, but not taking his departure.

Natasha gave him her hand and went out. Princess Mary on the other hand instead of going away sank into an armchair, and looked sternly and intently at him with her deep, radiant eyes. The weariness she had plainly shown before had now quite passed off. With a deep and long-drawn sigh she seemed to be prepared for a lengthy talk.

When Natasha left the room Pierre's confusion and awkwardness immediately vanished and were replaced by eager excitement. He quickly moved an armchair toward Princess Mary.

"Yes, I wanted to tell you," said he, answering her look as if she had spoken. "Princess, help me! What am I to do? Can I hope? Princess,

my dear friend, listen! I know it all. I know I am not worthy of her, I know it's impossible to speak of it now. But I want to be a brother to her. No, not that, I don't, I can't..."

He paused and rubbed his face and eyes with his hands.

"Well," he went on with an evident effort at self-control and coherence. "I don't know when I began to love her, but I have loved her and her alone all my life, and I love her so that I cannot imagine life without her. I cannot propose to her at present, but the thought that perhaps she might someday be my wife and that I may be missing that possibility... that possibility... is terrible. Tell me, can I hope? Tell me what I am to do, dear princess!" he added after a pause, and touched her hand as she did not reply.

"I am thinking of what you have told me," answered Princess Mary. "This is what I will say. You are right that to speak to her of love at present..."

Princess Mary stopped. She was going to say that to speak of love was impossible, but she stopped because she had seen by the sudden change in Natasha two days before that she would not only not be hurt if Pierre spoke of his love, but that it was the very thing she wished for.

"To speak to her now wouldn't do," said the princess all the same.

"But what am I to do?"

"Leave it to me," said Princess Mary. "I know..."

Pierre was looking into Princess Mary's eyes.

"Well?... Well?..." he said.

"I know that she loves... will love you," Princess Mary corrected herself.

Before her words were out, Pierre had sprung up and with a frightened expression seized Princess Mary's hand.

"What makes you think so? You think I may hope? You think...?"

"Yes, I think so," said Princess Mary with a smile. "Write to her parents, and leave it to me. I will tell her when I can. I wish it to happen and my heart tells me it will."

"No, it cannot be! How happy I am! But it can't be.... How happy I

am! No, it can't be!" Pierre kept saying as he kissed Princess Mary's hands.

"Go to Petersburg, that will be best. And I will write to you," she said.

"To Petersburg? Go there? Very well, I'll go. But I may come again tomorrow?"

Next day Pierre came to say good-by. Natasha was less animated than she had been the day before; but that day as he looked at her Pierre sometimes felt as if he was vanishing and that neither he nor she existed any longer, that nothing existed but happiness. "Is it possible? No, it can't be," he told himself at every look, gesture, and word that filled his soul with joy.

When on saying good-by he took her thin, slender hand, he could not help holding it a little longer in his own.

"Is it possible that this hand, that face, those eyes, all this treasure of feminine charm so strange to me now, is it possible that it will one day be mine forever, as familiar to me as I am to myself?... No, that's impossible!..."

"Good-by, Count," she said aloud. "I shall look forward very much to your return," she added in a whisper.

And these simple words, her look, and the expression on her face which accompanied them, formed for two months the subject of inexhaustible memories, interpretations, and happy meditations for Pierre. "'I shall look forward very much to your return....' Yes, yes, how did she say it? Yes, 'I shall look forward very much to your return.' Oh, how happy I am! What is happening to me? How happy I am!" said Pierre to himself.

CHAPTER XIX

There was nothing in Pierre's soul now at all like what had troubled it during his courtship of Helene.

He did not repeat to himself with a sickening feeling of shame the words he had spoken, or say: "Oh, why did I not say that?" and, "Whatever made me say 'Je vous aime'?" On the contrary, he now

repeated in imagination every word that he or Natasha had spoken and pictured every detail of her face and smile, and did not wish to diminish or add anything, but only to repeat it again and again. There was now not a shadow of doubt in his mind as to whether what he had undertaken was right or wrong. Only one terrible doubt sometimes crossed his mind: "Wasn't it all a dream? Isn't Princess Mary mistaken? Am I not too conceited and self-confident? I believe all this--and suddenly Princess Mary will tell her, and she will be sure to smile and say: 'How strange! He must be deluding himself. Doesn't he know that he is a man, just a man, while I...? I am something altogether different and higher.'"

That was the only doubt often troubling Pierre. He did not now make any plans. The happiness before him appeared so inconceivable that if only he could attain it, it would be the end of all things. Everything ended with that.

A joyful, unexpected frenzy, of which he had thought himself incapable, possessed him. The whole meaning of life--not for him alone but for the whole world--seemed to him centered in his love and the possibility of being loved by her. At times everybody seemed to him to be occupied with one thing only--his future happiness. Sometimes it seemed to him that other people were all as pleased as he was himself and merely tried to hide that pleasure by pretending to be busy with other interests. In every word and gesture he saw allusions to his happiness. He often surprised those he met by his significantly happy looks and smiles which seemed to express a secret understanding between him and them. And when he realized that people might not be aware of his happiness, he pitied them with his whole heart and felt a desire somehow to explain to them that all that occupied them was a mere frivolous trifle unworthy of attention.

When it was suggested to him that he should enter the civil service, or when the war or any general political affairs were discussed on the assumption that everybody's welfare depended on this or that issue of events, he would listen with a mild and pitying smile and surprise people by his strange comments. But at this time he saw everybody--both those who, as he imagined, understood the real meaning of life (that is, what he was feeling) and those unfortunates who evidently did not understand it--in the bright light of the emotion that shone within himself, and at once without any effort saw in everyone he met everything that was good and worthy of being loved.

When dealing with the affairs and papers of his dead wife, her memory aroused in him no feeling but pity that she had not known the bliss he now knew. Prince Vasili, who having obtained a new post and some fresh decorations was particularly proud at this time, seemed to him a pathetic, kindly old man much to be pitied.

Often in afterlife Pierre recalled this period of blissful insanity. All the views he formed of men and circumstances at this time remained true for him always. He not only did not renounce them subsequently, but when he was in doubt or inwardly at variance, he referred to the views he had held at this time of his madness and they always proved correct.

"I may have appeared strange and queer then," he thought, "but I was not so mad as I seemed. On the contrary I was then wiser and had more insight than at any other time, and understood all that is worth understanding in life, because... because I was happy."

Pierre's insanity consisted in not waiting, as he used to do, to discover personal attributes which he termed "good qualities" in people before loving them; his heart was now overflowing with love, and by loving people without cause he discovered indubitable causes for loving them.

CHAPTER XX

After Pierre's departure that first evening, when Natasha had said to Princess Mary with a gaily mocking smile: "He looks just, yes, just as if he had come out of a Russian bath--in a short coat and with his hair cropped," something hidden and unknown to herself, but irrepressible, awoke in Natasha's soul.

Everything: her face, walk, look, and voice, was suddenly altered. To her own surprise a power of life and hope of happiness rose to the surface and demanded satisfaction. From that evening she seemed to have forgotten all that had happened to her. She no longer complained of her position, did not say a word about the past, and no longer feared to make happy plans for the future. She spoke little of Pierre, but when Princess Mary mentioned him a long-extinguished light once more kindled in her eyes and her lips curved with a strange smile.

The change that took place in Natasha at first surprised Princess Mary; but when she understood its meaning it grieved her. "Can she have loved my brother so little as to be able to forget him so soon?" she thought when she reflected on the change. But when she was with Natasha she was not vexed with her and did not reproach her. The reawakened power of life that had seized Natasha was so

evidently irrepressible and unexpected by her that in her presence Princess Mary felt that she had no right to reproach her even in her heart.

Natasha gave herself up so fully and frankly to this new feeling that she did not try to hide the fact that she was no longer sad, but bright and cheerful.

When Princess Mary returned to her room after her nocturnal talk with Pierre, Natasha met her on the threshold.

"He has spoken? Yes? He has spoken?" she repeated.

And a joyful yet pathetic expression which seemed to beg forgiveness for her joy settled on Natasha's face.

"I wanted to listen at the door, but I knew you would tell me."

Understandable and touching as the look with which Natasha gazed at her seemed to Princess Mary, and sorry as she was to see her agitation, these words pained her for a moment. She remembered her brother and his love.

"But what's to be done? She can't help it," thought the princess.

And with a sad and rather stern look she told Natasha all that Pierre had said. On hearing that he was going to Petersburg Natasha was astounded.

"To Petersburg!" she repeated as if unable to understand.

But noticing the grieved expression on Princess Mary's face she guessed the reason of that sadness and suddenly began to cry.

"Mary," said she, "tell me what I should do! I am afraid of being bad. Whatever you tell me, I will do. Tell me...."

"You love him?"

"Yes," whispered Natasha.

"Then why are you crying? I am happy for your sake," said Princess Mary, who because of those tears quite forgave Natasha's joy.

"It won't be just yet--someday. Think what fun it will be when I am his wife and you marry Nicholas!"

"Natasha, I have asked you not to speak of that. Let us talk about

you."

They were silent awhile.

"But why go to Petersburg?" Natasha suddenly asked, and hastily replied to her own question. "But no, no, he must... Yes, Mary, He must...."

FIRST EPILOGUE: 1813 --20

CHAPTER I

Seven years had passed. The storm-tossed sea of European history had subsided within its shores and seemed to have become calm. But the mysterious forces that move humanity (mysterious because the laws of their motion are unknown to us) continued to operate.

Though the surface of the sea of history seemed motionless, the movement of humanity went on as unceasingly as the flow of time. Various groups of people formed and dissolved, the coming formation and dissolution of kingdoms and displacement of peoples was in course of preparation.

The sea of history was not driven spasmodically from shore to shore as previously. It was seething in its depths. Historic figures were not borne by the waves from one shore to another as before. They now seemed to rotate on one spot. The historical figures at the head of armies, who formerly reflected the movement of the masses by ordering wars, campaigns, and battles, now reflected the restless movement by political and diplomatic combinations, laws, and treaties.

The historians call this activity of the historical figures "the reaction."

In dealing with this period they sternly condemn the historical personages who, in their opinion, caused what they describe as the reaction. All the well-known people of that period, from Alexander and Napoleon to Madame de Stael, Photius, Schelling, Fichte,

Chateaubriand, and the rest, pass before their stern judgment seat and are acquitted or condemned according to whether they conduced to progress or to reaction.

According to their accounts a reaction took place at that time in Russia also, and the chief culprit was Alexander I, the same man who according to them was the chief cause of the liberal movement at the commencement of his reign, being the savior of Russia.

There is no one in Russian literature now, from schoolboy essayist to learned historian, who does not throw his little stone at Alexander for things he did wrong at this period of his reign.

"He ought to have acted in this way and in that way. In this case he did well and in that case badly. He behaved admirably at the beginning of his reign and during 1812, but acted badly by giving a constitution to Poland, forming the Holy Alliance, entrusting power to Arakcheev, favoring Golitsyn and mysticism, and afterwards Shishkov and Photius. He also acted badly by concerning himself with the active army and disbanding the Semenov regiment."

It would take a dozen pages to enumerate all the reproaches the historians address to him, based on their knowledge of what is good for humanity.

What do these reproaches mean?

Do not the very actions for which the historians praise Alexander I (the liberal attempts at the beginning of his reign, his struggle with Napoleon, the firmness he displayed in 1812 and the campaign of 1813) flow from the same sources--the circumstances of his birth, education, and life--that made his personality what it was and from which the actions for which

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1.380 color-convert 2.0.1

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1.381 lie 3.3.0

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1.382 map-cache 0.2.2

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1.383 caniuse-lite 1.0.30001313

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1.384 require-directory 2.1.1

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1.385 find-up 4.1.0

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1.386 metro-transform-plugins 0.66.2

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```
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*
*
* @format
*/
```

Found in path(s):

```
* /opt/cola/permits/1235010933_1638334378.76/0/metro-transform-plugins-0-66-2-tgz/package/src/import-export-plugin.js
* /opt/cola/permits/1235010933_1638334378.76/0/metro-transform-plugins-0-66-2-tgz/package/src/inline-plugin.js
* /opt/cola/permits/1235010933_1638334378.76/0/metro-transform-plugins-0-66-2-tgz/package/src/utis/createInlinePlatformChecks.js
* /opt/cola/permits/1235010933_1638334378.76/0/metro-transform-plugins-0-66-2-tgz/package/src/normalizePseudoGlobals.js
* /opt/cola/permits/1235010933_1638334378.76/0/metro-transform-plugins-0-66-2-tgz/package/src/addParamsToDefineCall.js
* /opt/cola/permits/1235010933_1638334378.76/0/metro-transform-plugins-0-66-2-tgz/package/src/constant-folding-plugin.js
* /opt/cola/permits/1235010933_1638334378.76/0/metro-transform-plugins-0-66-2-tgz/package/src/index.js
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* @format
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* /opt/cola/permits/1235010933_1638334378.76/0/metro-transform-plugins-0-66-2-
tgz/package/src/utlis/createInlinePlatformChecks.js.flow
* /opt/cola/permits/1235010933_1638334378.76/0/metro-transform-plugins-0-66-2-tgz/package/src/constant-
folding-plugin.js.flow
* /opt/cola/permits/1235010933_1638334378.76/0/metro-transform-plugins-0-66-2-tgz/package/src/inline-
plugin.js.flow
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```

```
*
```

```
* @flow strict
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
/**
```

```
* Simple way of adding additional parameters to the end of the define calls.
```

```
*
```

```
* This is used to add extra information to the generic compiled modules (like
```

```
* the dependencyMap object or the list of inverse dependencies).
```

```
*/
```

```
function addParamsToDefineCall(  
  code: string,  
  ...paramsToAdd: Array<mixed>  
) : string {
```

```
  const index = code.lastIndexOf('');
```

```
  const params = paramsToAdd.map(param =>
```

```
    param !== undefined ? JSON.stringify(param) : 'undefined',
```

```
  );
```

```
  return code.slice(0, index) + ',' + params.join(',') + code.slice(index);
```

```
}
```

```
module.exports = addParamsToDefineCall;
```

Found in path(s):

```
* /opt/cola/permits/1235010933_1638334378.76/0/metro-transform-plugins-0-66-2-
tgz/package/src/addParamsToDefineCall.js.flow
```

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Found in path(s):

* /opt/cola/permits/1235010933_1638334378.76/0/metro-transform-plugins-0-66-2-tgz/package/src/normalizePseudoGlobals.js.flow
* /opt/cola/permits/1235010933_1638334378.76/0/metro-transform-plugins-0-66-2-tgz/package/src/import-export-plugin.js.flow

1.387 fb-watchman 2.0.1

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1.388 strict-uri-encode 2.0.0

1.388.1 Available under license :

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1.389 @expo/config-types 42.0.0

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1.390 object.pick 1.3.0

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1.391 expo-json-utils 0.2.1

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* /opt/cola/permits/1287718394_1647270854.03/0/expo-json-utils-0-2-1-tgz/package/ios/Tests/NSDictionary+EXJSONUtilsTest.m

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* /opt/cola/permits/1287718394_1647270854.03/0/expo-json-utils-0-2-1-tgz/package/ios/EXJSONUtils/NSDictionary+EXJSONUtils.h

* /opt/cola/permits/1287718394_1647270854.03/0/expo-json-utils-0-2-1-tgz/package/ios/EXJSONUtils/NSDictionary+EXJSONUtils.m

1.392 any-promise 1.3.0

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1.393 @babel/plugin-transform-object-assign

7.16.7

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1.394 @babel/plugin-transform-modules-amd

7.16.7

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1.395 appdirsjs 1.2.6

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1.397 sudo-prompt 9.2.1

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1.403 pify 4.0.1

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1.405 @expo/image-utils 0.3.18

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1.407 unicode-property-aliases-ecmascript

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1.408 fresh 0.5.2

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1.409 xmlbuilder 14.0.0

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1.410 inflight 1.0.6

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1.411 react-native-iphone-x-helper 1.3.1

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1.412 caller-path 2.0.0

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1.413 hermes-engine 0.9.0

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Found in path(s):

* /opt/cola/permits/1235010579_1638334393.5/0/hermes-engine-0-9-0-tgz/package/android/include/hermes/Public/GCTripwireContext.h

* /opt/cola/permits/1235010579_1638334393.5/0/hermes-engine-0-9-0-tgz/package/android/include/jsi/threadsafe.h

* /opt/cola/permits/1235010579_1638334393.5/0/hermes-engine-0-9-0-tgz/package/android/include/hermes/CompileJS.h

* /opt/cola/permits/1235010579_1638334393.5/0/hermes-engine-0-9-0-tgz/package/android/include/hermes/TraceInterpreter.h

* /opt/cola/permits/1235010579_1638334393.5/0/hermes-engine-0-9-0-

tgz/package/android/include/hermes/Public/DebuggerTypes.h
* /opt/cola/permits/1235010579_1638334393.5/0/hermes-engine-0-9-0-
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tgz/package/android/include/jsi/instrumentation.h

1.414 jest-worker 26.6.2

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1.420 @babel/helper-plugin-utils 7.16.7

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1.421 qs 6.10.3

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1.422 fsevents 2.3.2

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1.423 expo-modules-autolinking 0.3.4

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1.424 @babel/plugin-syntax-async-generators 7.8.4

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1.425 expo-splash-screen 0.13.5

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```
* /opt/cola/permits/1235010910_1638334376.97/0/expo-splash-screen-0-13-5-tgz/package/ios/EXSplashScreen/EXSplashScreenService.m  
* /opt/cola/permits/1235010910_1638334376.97/0/expo-splash-screen-0-13-5-tgz/package/ios/EXSplashScreen/EXSplashScreenViewProvider.h
```

```
* /opt/cola/permits/1235010910_1638334376.97/0/expo-splash-screen-0-13-5-  
tgz/package/ios/EXSplashScreen/EXSplashScreenViewController.m  
* /opt/cola/permits/1235010910_1638334376.97/0/expo-splash-screen-0-13-5-  
tgz/package/ios/EXSplashScreen/EXSplashScreenViewNativeProvider.h  
* /opt/cola/permits/1235010910_1638334376.97/0/expo-splash-screen-0-13-5-  
tgz/package/ios/EXSplashScreen/EXSplashScreenViewController.h  
* /opt/cola/permits/1235010910_1638334376.97/0/expo-splash-screen-0-13-5-  
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tgz/package/ios/EXSplashScreen/EXSplashScreenModule.m  
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tgz/package/ios/EXSplashScreen/EXSplashScreenService.h
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1.426 restore-cursor 2.0.0

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1.427 is-arrayish 0.3.2

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1.428 mixin-deep 1.3.2

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1.429 lodash-omit 4.5.0

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1.430 @expo/configure-splash-screen 0.6.0

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1.431 babel-plugin-polyfill-corejs3 0.5.2

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1.432 unset-value 1.0.0

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1.433 ultron 1.0.2

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1.434 anser 1.4.10

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1.435 get-caller-file 2.0.5

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1.436 jest-validate 26.6.2

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1.437 fbjs-css-vars 1.0.2

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1.438 redux 4.0.1

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1.439 set-value 4.0.1

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1.440 sprintf-js 1.0.3

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1.441 react 17.0.2

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1.442 @expo/config 5.0.9

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1.443 @babel/plugin-transform-modules-systemjs 7.16.7

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1.445 @babel/plugin-syntax-json-strings 7.8.3

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1.446 buffer-from 1.1.2

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1.447 metro-babel-transformer 0.59.0

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* /opt/cola/permits/1168294172_1621972785.86/0/metro-babel-transformer-0-59-0-tgz/package/src/index.js.flow

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1.448 mylib 0.0.0

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1.449 process-nextick-args 2.0.1

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1.450 @babel/helper-simple-access 7.16.7

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1.452 get-stream 4.1.0

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1.453 micromatch 4.0.4

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1.454 @babel/plugin-transform-react-jsx-self

7.16.7

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1.455 metro 0.66.2

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Found in path(s):

```
*/opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/node-haste/Package.js.flow
```

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 *
 * @flow strict
 * @format
 */
```

```
'use strict';
```

```
const {dirname, join, parse} = require('path');
```

```
type pathParseResult = {
  root: string,
  dir: string,
  base: string,
  ext: string,
  name: string,
  ...
};
```

```
module.exports = class HasteFS {
  directories: Set<string>;
  directoryEntries: Map<string, Array<string>>;
  files: Set<string>;
```

```

constructor(files: Array<string>) {
    this.directories = buildDirectorySet(files);
    this.directoryEntries = buildDirectoryEntries(files.map(parse));
    this.files = new Set(files);
}

closest(path: string, fileName: string): ?string {
    const parsedPath = parse(path);
    const root = parsedPath.root;
    let dir = parsedPath.dir;
    do {
        const candidate = join(dir, fileName);
        if (this.files.has(candidate)) {
            return candidate;
        }
        dir = dirname(dir);
    } while (dir !== '.' && dir !== root);
    return null;
}

dirExists(path: string): boolean {
    return this.directories.has(path);
}

exists(path: string): boolean {
    return this.files.has(path);
}

getAllFiles(): Array<string> {
    return Array.from<string>(this.files.keys());
}

matchFiles() {
    throw new Error('HasteFS.matchFiles is not implemented yet.');
```

```

}

matches(directory: string, pattern: RegExp): Array<string> {
    const entries = this.directoryEntries.get(directory);

    // $FlowFixMe[method-unbinding] added when improving typing for this parameters
    // $FlowFixMe[incompatible-call]
    return entries ? entries.filter(pattern.test, pattern) : [];
}

};

function buildDirectorySet(files: Array<string>): Set<string> {
    const directories = new Set();
    files.forEach((path: string) => {
```

```

const parsedPath = parse(path);
const root = parsedPath.root;
let dir = parsedPath.dir;
while (dir !== '.' && dir !== root && !directories.has(dir)) {
  directories.add(dir);
  dir = dirname(dir);
}
});
return directories;
}

```

```

function buildDirectoryEntries(
  files: Array<pathParseResult>,
): Map<string, Array<string>> {
  const directoryEntries = new Map();
  files.forEach(({base, dir}) => {
    const entries = directoryEntries.get(dir);
    if (entries) {
      entries.push(base);
    } else {
      directoryEntries.set(dir, [base]);
    }
  });
  return directoryEntries;
}

```

Found in path(s):

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/node-haste/HasteFS.js.flow

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* @flow strict-local

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Found in path(s):

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/worker/mergeSourceMaps.js.flow

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* @flow strict
* @format
*/

'use strict';

const parsePlatformFilePath = require('./parsePlatformFilePath');
const path = require('path');

export type AssetPath = {
  assetName: string,
  name: string,
  platform: ?string,
  resolution: number,
  type: string,
};

const ASSET_BASE_NAME_RE = /(.*?)(@([\d.]+)x)?$/;

function parseBaseName(
  baseName: string,
): {
  resolution: number,
  rootName: string,
  ...
} {
  const match = baseName.match(ASSET_BASE_NAME_RE);
  if (!match) {
    throw new Error(`invalid asset name: \`${baseName}\``);
  }
  const rootName = match[1];
  if (match[3] != null) {
    const resolution = parseFloat(match[3]);
    if (!Number.isNaN(resolution)) {
      return {rootName, resolution};
    }
  }
  return {rootName, resolution: 1};
}

/**
 * Return `null` if the `filePath` doesn't have a valid extension, required
 * to describe the type of an asset.
 */

```

```

function tryParse(
  filePath: string,
  platforms: $ReadOnlySet<string>,
): ?AssetPath {
  const result = parsePlatformFilePath(filePath, platforms);
  const { dirPath, baseName, platform, extension } = result;
  if (extension == null) {
    return null;
  }
  const { rootName, resolution } = parseBaseName(baseName);
  return {
    assetName: path.join(dirPath, `${rootName}.${extension}`),
    name: rootName,
    platform,
    resolution,
    type: extension,
  };
}

function parse(filePath: string, platforms: $ReadOnlySet<string>): AssetPath {
  const result = tryParse(filePath, platforms);
  if (result == null) {
    throw new Error('invalid asset file path: `${filePath}`');
  }
  return result;
}

module.exports = { parse, tryParse };

```

Found in path(s):

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/node-haste/lib/AssetPaths.js.flow
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* @flow

* @format

*/

'use strict';

const DependencyGraph = require('./node-haste/DependencyGraph');

const Transformer = require('./DeltaBundler/Transformer');

```

import type {TransformOptions} from './DeltaBundler/Worker';
import type {TransformResultWithSource} from './DeltaBundler';
import type {ConfigT} from 'metro-config/src/configTypes.flow';

export type BundlerOptions = $ReadOnly<{|
  hasReducedPerformance?: boolean,
  watch?: boolean,
|}>;

class Bundler {
  _depGraphPromise: Promise<DependencyGraph>;
  _transformer: Transformer;

  constructor(config: ConfigT, options?: BundlerOptions) {
    this._depGraphPromise = DependencyGraph.load(config, options);

    this._depGraphPromise
      .then((dependencyGraph: DependencyGraph) => {
        this._transformer = new Transformer(
          config,
          // $FlowFixMe[method-unbinding] added when improving typing for this parameters
          dependencyGraph.getSha1.bind(dependencyGraph),
        );
      })
      .catch(error => {
        console.error('Failed to construct transformer: ', error);
      });
  }

  async end(): Promise<void> {
    const dependencyGraph = await this._depGraphPromise;

    this._transformer.end();
    dependencyGraph.getWatcher().end();
  }

  async getDependencyGraph(): Promise<DependencyGraph> {
    return await this._depGraphPromise;
  }

  async transformFile(
    filePath: string,
    transformOptions: TransformOptions,
  ): Promise<TransformResultWithSource<>> {
    // We need to be sure that the DependencyGraph has been initialized.
    // TODO: Remove this ugly hack!
    await this._depGraphPromise;
  }
}

```

```
    return this._transformer.transformFile(filePath, transformOptions);
  }
}
```

```
module.exports = Bundler;
```

Found in path(s):

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/Bundler.js.flow

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```
*
```

```
* @flow
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
const WorkerFarm = require('./WorkerFarm');
```

```
const assert = require('assert');
```

```
const fs = require('fs');
```

```
const getTransformCacheKey = require('./getTransformCacheKey');
```

```
const path = require('path');
```

```
const {Cache, stableHash} = require('metro-cache');
```

```
import type {TransformResult, TransformResultWithSource} from './DeltaBundler';
```

```
import type {TransformOptions, TransformerConfig} from './Worker';
```

```
import type {ConfigT} from 'metro-config/src/configTypes.flow';
```

```
class Transformer {
```

```
  _config: ConfigT;
```

```
  _cache: Cache<TransformResult<>>;
```

```
  _baseHash: string;
```

```
  _getSha1: string => string;
```

```
  _workerFarm: WorkerFarm;
```

```
  constructor(config: ConfigT, getSha1Fn: string => string) {
```

```
    this._config = config;
```

```
    this._config.watchFolders.forEach(verifyRootExists);
```

```
    this._cache = new Cache(config.cacheStores);
```

```
    this._getSha1 = getSha1Fn;
```

```

// Remove the transformer config params that we don't want to pass to the
// transformer. We should change the config object and move them away so we
// can treat the transformer config params as opaque.
const {
  getTransformOptions: _getTransformOptions,
  transformVariants: _transformVariants,
  workerPath: _workerPath,
  ...transformerConfig
} = this._config.transformer;

const transformerOptions: TransformerConfig = {
  transformerPath: this._config.transformerPath,
  transformerConfig,
};

this._workerFarm = new WorkerFarm(config, transformerOptions);

const globalCacheKey = this._cache.isDisabled
  ? "
  : getTransformCacheKey({
    cacheVersion: this._config.cacheVersion,
    projectRoot: this._config.projectRoot,
    transformerConfig: transformerOptions,
  });

this._baseHash = stableHash([globalCacheKey]).toString('binary');
}

async transformFile(
  filePath: string,
  transformerOptions: TransformOptions,
): Promise<TransformResultWithSource<>> {
  const cache = this._cache;

  const {
    customTransformOptions,
    dev,
    experimentalImportSupport,
    hot,
    inlinePlatform,
    inlineRequires,
    minify,
    nonInlinedRequires,
    platform,
    runtimeBytecodeVersion,
    type,
    unstable_disableES6Transforms,

```

```

    unstable_transformProfile,
    ...extra
  } = transformerOptions;

  for (const key in extra) {
    // $FlowFixMe[cannot-resolve-name]
    if (hasOwnProperty.call(extra, key)) {
      throw new Error(
        `Extra keys detected: ` + Object.keys(extra).join(', '),
      );
    }
  }
}

const localPath = path.relative(this._config.projectRoot, filePath);

const partialKey = stableHash([
  // This is the hash related to the global Bundler config.
  this._baseHash,

  // Path.
  localPath,

  customTransformOptions,
  dev,
  experimentalImportSupport,
  hot,
  inlinePlatform,
  inlineRequires,
  minify,
  nonInlinedRequires,
  platform,
  runtimeBytecodeVersion,
  type,
  unstable_disableES6Transforms,
  unstable_transformProfile,
]);

const sha1 = this._getSha1(filePath);
let fullKey = Buffer.concat([partialKey, Buffer.from(sha1, 'hex')]);
const result = await cache.get(fullKey);

// A valid result from the cache is used directly; otherwise we call into
// the transformer to compute the corresponding result.
const data = result
  ? {result, sha1}
  : await this._workerFarm.transform(localPath, transformerOptions);

// Only re-compute the full key if the SHA-1 changed. This is because

```

```

// references are used by the cache implementation in a weak map to keep
// track of the cache that returned the result.
if (sha1 !== data.sha1) {
  fullKey = Buffer.concat([partialKey, Buffer.from(data.sha1, 'hex')]);
}

cache.set(fullKey, data.result);

return {
  ...data.result,
  getSource(): Buffer {
    return fs.readFileSync(filePath);
  },
};
}

end(): void {
  this._workerFarm.kill();
}
}

function verifyRootExists(root: string): void {
  // Verify that the root exists.
  assert(fs.statSync(root).isDirectory(), 'Root has to be a valid directory');
}

module.exports = Transformer;

```

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 * @flow strict
 */

```

'use strict';

```
const asset = require('./test.png');
```

```
module.exports = {type: 'foo', asset};
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-  
tgz/package/src/integration_tests/basic_bundle/Foo.js.flow
```

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```
*
```

```
* @flow
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
import type { GraphId } from './lib/getGraphId';
```

```
class GraphNotFoundError extends Error {  
  graphId: GraphId;
```

```
  constructor(graphId: GraphId) {  
    super(`The graph \`${graphId}\` was not found.`);  
    this.graphId = graphId;  
  }  
}
```

```
module.exports = GraphNotFoundError;
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-  
tgz/package/src/IncrementalBundler/GraphNotFoundError.js.flow
```

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```
*
```

```
* @flow
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
const denodeify = require('denodeify');
```



```
const fs = require('fs');
const throat = require('throat');

type WriteFn = (
  file: string,
  data: string | Buffer,
  encoding?: ?string,
) => Promise<mixed>;
const writeFile: WriteFn = throat(128, denodeify(fs.writeFile));

module.exports = writeFile;
```

Found in path(s):

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/output/writeFile.js.flow

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 */
```

```
'use strict';
```

```
// Add a random require to fill the bundle with some sourcecode.
```

```
require('./AssetRegistry');
```

```
const calcSum = (value: string) => {
  // some random function
  const error = new Error('SOURCEMAP: value: ' + value);

  return error;
};
```

```
module.exports = (calcSum('anything'): Error);
```

Found in path(s):

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-

tgz/package/src/integration_tests/basic_bundle/ErrorBundle.js.flow

No license file was found, but licenses were detected in source scan.

```
/**
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 *
```

```
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* LICENSE file in the root directory of this source tree.
*
* @format
* @flow strict
*/
```

```
'use strict';
```

```
export default null;
```

```
export const foo = 'export-null: FOO';
```

```
Found in path(s):
```

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/basic_bundle/import-export/export-null.js.flow
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```

```
/**
```

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```
*
```

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```

```
*
```

```
* @flow strict
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
const path = require('path');
```

```
type PlatformFilePathParts = {|
```

```
  dirPath: string,
```

```
  baseName: string,
```

```
  platform: ?string,
```

```
  extension: ?string,
```

```
|};
```

```
const PATH_RE = /^(.+?)\.([\.^.]*)?\.([\.^.]*)$/;
```

```
/**
```

```
* Extract the components of a file path that can have a platform specifier: Ex.
```

```
* `index.ios.js` is specific to the `ios` platform and has the extension `js`.
```

```
*/
```

```
function parsePlatformFilePath(  
  filePath: string,
```

```
  platforms: $ReadOnlySet<string>,
```

```
) {
```

```
) : PlatformFilePathParts {
  const dirPath = path.dirname(filePath);
  const fileName = path.basename(filePath);
  const match = fileName.match(PATH_RE);
  if (!match) {
    return { dirPath, baseName: fileName, platform: null, extension: null };
  }
  const extension = match[4] || null;
  const platform = match[3] || null;
  if (platform == null || platforms.has(platform)) {
    return { dirPath, baseName: match[1], platform, extension };
  }
  const baseName = `${match[1]}.${platform}`;
  return { dirPath, baseName, platform: null, extension };
}
```

```
module.exports = parsePlatformFilePath;
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/node-haste/lib/parsePlatformFilePath.js.flow
```

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```

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*
```

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```
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```

```
*
```

```
* @format
```

```
* @flow strict
```

```
*/
```

```
'use strict';
```

```
module.exports = {
```

```
  foo: 'export-5: FOO',
```

```
};
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/integration_tests/basic_bundle/import-export/export-5.js.flow
```

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```

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```
*
```

```
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```

```

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*
* @format
* @flow
*/

'use strict';

const nullthrows = require('nullthrows');
const traverse = require('@babel/traverse').default;

/**
 * Select unused names for "metroImportDefault" and "metroImportAll", by
 * calling "generateUid".
 */
function generateImportNames(
  ast: BabelNode,
): {
  importAll: string,
  importDefault: string,
} {
  let importDefault;
  let importAll;

  traverse(ast, {
    Program(path) {
      importAll = path.scope.generateUid('$_IMPORT_ALL');
      importDefault = path.scope.generateUid('$_IMPORT_DEFAULT');

      path.stop();
    },
  });

  return {
    importAll: nullthrows(importAll),
    importDefault: nullthrows(importDefault),
  };
}

module.exports = generateImportNames;

Found in path(s):
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/ModuleGraph/worker/generateImportNames.js.flow
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```
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*
* @format
*/
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/commands/dependencies.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/basic_bundle/polyfill.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/Server/MultipartResponse.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/test-helpers.js
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*
* @flow strict
* @format
*/
```

'use strict';

module.exports = 0xfb0bd1e5;

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/output/RamBundle/magic-
number.js.flow
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*
* @format
* @flow
*/
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/HmrServer.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/logToConsole.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/formatBundlingError.js.flow
```

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/ModuleGraph/worker/collectDependencies.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/ModuleGraph/worker/JsFileWrapping.js.flow
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```

```
*
```

```
* @flow strict-local
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
const DeltaCalculator = require('./DeltaBundler/DeltaCalculator');
```

```
import type Bundler from './Bundler';
```

```
import type {
```

```
  DeltaResult,
```

```
  Graph,
```

```
  Dependencies,
```

```
  // eslint-disable-next-line no-unused-vars
```

```
  MixedOutput,
```

```
  Options,
```

```
} from './DeltaBundler/types.flow';
```

```
export type {
```

```
  DeltaResult,
```

```
  Graph,
```

```
  Dependencies,
```

```
  MixedOutput,
```

```
  Module,
```

```
  TransformFn,
```

```
  TransformResult,
```

```
  TransformResultDependency,
```

```
  TransformResultWithSource,
```

```
} from './DeltaBundler/types.flow';
```

```
/**
```

```
* `DeltaBundler` uses the `DeltaTransformer` to build bundle deltas. This
```

```
* module handles all the transformer instances so it can support multiple
```

```
* concurrent clients requesting their own deltas. This is done through the
```

```
* `clientId` param (which maps a client to a specific delta transformer).
```

```
*/
```

```

class DeltaBundler<T = MixedOutput> {
  _bundler: Bundler;
  _deltaCalculators: Map<Graph<T>, DeltaCalculator<T>> = new Map();

  constructor(bundler: Bundler) {
    this._bundler = bundler;
  }

  end(): void {
    this._deltaCalculators.forEach((deltaCalculator: DeltaCalculator<T>) =>
      deltaCalculator.end(),
    );
    this._deltaCalculators = new Map();
  }

  async getDependencies(
    entryPoints: $ReadOnlyArray<string>,
    options: Options<T>,
  ): Promise<Dependencies<T>> {
    const depGraph = await this._bundler.getDependencyGraph();

    const deltaCalculator = new DeltaCalculator(entryPoints, depGraph, options);

    await deltaCalculator.getDelta({reset: true, shallow: options.shallow});
    const graph = deltaCalculator.getGraph();

    deltaCalculator.end();
    return graph.dependencies;
  }

  // Note: the graph returned by this function needs to be ended when finished
  // so that we don't leak graphs that are not reachable.
  // To get just the dependencies, use getDependencies which will not leak graphs.
  async buildGraph(
    entryPoints: $ReadOnlyArray<string>,
    options: Options<T>,
  ): Promise<Graph<T>> {
    const depGraph = await this._bundler.getDependencyGraph();

    const deltaCalculator = new DeltaCalculator(entryPoints, depGraph, options);

    await deltaCalculator.getDelta({reset: true, shallow: options.shallow});
    const graph = deltaCalculator.getGraph();

    this._deltaCalculators.set(graph, deltaCalculator);
    return graph;
  }
}

```

```

async getDelta(
  graph: Graph<T>,
  {
    reset,
    shallow,
  }: {
    reset: boolean,
    shallow: boolean,
    ...
  },
): Promise<DeltaResult<T>> {
  const deltaCalculator = this._deltaCalculators.get(graph);

  if (!deltaCalculator) {
    throw new Error('Graph not found');
  }

  return await deltaCalculator.getDelta({reset, shallow});
}

listen(graph: Graph<T>, callback: () => mixed): () => void {
  const deltaCalculator = this._deltaCalculators.get(graph);

  if (!deltaCalculator) {
    throw new Error('Graph not found');
  }

  deltaCalculator.on('change', callback);

  return () => {
    deltaCalculator.removeListener('change', callback);
  };
}

endGraph(graph: Graph<T>): void {
  const deltaCalculator = this._deltaCalculators.get(graph);

  if (!deltaCalculator) {
    throw new Error('Graph not found');
  }

  deltaCalculator.end();

  this._deltaCalculators.delete(graph);
}

module.exports = DeltaBundler;

```


Found in path(s):

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler.js.flow

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```

```
*
```

```
* @flow
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
const Resolver = require('metro-resolver');
```

```
const fs = require('fs');
```

```
const invariant = require('invariant');
```

```
const path = require('path');
```

```
const util = require('util');
```

```
const {codeFrameColumns} = require('@babel/code-frame');
```

```
import type {
```

```
  CustomResolver,
```

```
  DoesFileExist,
```

```
  FileCandidates,
```

```
  IsAssetFile,
```

```
  Resolution,
```

```
  ResolveAsset,
```

```
} from 'metro-resolver';
```

```
export type DirExistsFn = (filePath: string) => boolean;
```

```
export type Packageish = interface {
```

```
  path: string,
```

```
  redirectRequire(
```

```
    toModuleName: string,
```

```
    mainFields: $ReadOnlyArray<string>,
```

```
  ): string | false,
```

```
  getMain(mainFields: $ReadOnlyArray<string>): string,
```

```
};
```

```
export type Moduleish = interface {
```

```
  +path: string,
```

```

    getPackage(): ?Packageish,
};

/**
 * `jest-haste-map`'s interface for ModuleMap.
 */
export type ModuleMap = {
  getModule(
    name: string,
    platform: string | null,
    supportsNativePlatform: ?boolean,
  ): ?string,
  getPackage(
    name: string,
    platform: string | null,
    supportsNativePlatform: ?boolean,
  ): ?string,
  ...
};

export type ModuleishCache<TModule, TPackage> = interface {
  getPackage(
    name: string,
    platform?: string,
    supportsNativePlatform?: boolean,
  ): TPackage,
  getModule(path: string): TModule,
};

type Options<TModule, TPackage> = {|
  +dirExists: DirExistsFn,
  +doesFileExist: DoesFileExist,
  +extraNodeModules: ?Object,
  +isAssetFile: IsAssetFile,
  +mainFields: $ReadOnlyArray<string>,
  +moduleCache: ModuleishCache<TModule, TPackage>,
  +moduleMap: ModuleMap,
  +nodeModulesPaths: $ReadOnlyArray<string>,
  +preferNativePlatform: boolean,
  +projectRoot: string,
  +resolveAsset: ResolveAsset,
  +resolveRequest: ?CustomResolver,
  +sourceExts: $ReadOnlyArray<string>,
|};

class ModuleResolver<TModule: Moduleish, TPackage: Packageish> {
  _options: Options<TModule, TPackage>;

```

```

static EMPTY_MODULE: string = require.resolve('./assets/empty-module.js');

constructor(options: Options<TModule, TPackage>) {
  this._options = options;
}

_redirectRequire(fromModule: TModule, modulePath: string): string | false {
  const moduleCache = this._options.moduleCache;
  try {
    if (modulePath.startsWith('.')) {
      const fromPackage = fromModule.getPackage();

      if (fromPackage) {
        // We need to convert the module path from module-relative to
        // package-relative, so that we can easily match it against the
        // "browser" map (where all paths are relative to the package root)
        const fromPackagePath =
          './' +
          path.relative(
            path.dirname(fromPackage.path),
            path.resolve(path.dirname(fromModule.path), modulePath),
          );

        let redirectedPath = fromPackage.redirectRequire(
          fromPackagePath,
          this._options.mainFields,
        );

        // Since the redirected path is still relative to the package root,
        // we have to transform it back to be module-relative (as it
        // originally was)
        // $FlowFixMe[incompatible-type]
        if (redirectedPath !== false) {
          redirectedPath =
            './' +
            path.relative(
              path.dirname(fromModule.path),
              path.resolve(path.dirname(fromPackage.path), redirectedPath),
            );
        }
      }

      return redirectedPath;
    }
  } else {
    const pck = path.isAbsolute(modulePath)
      ? moduleCache.getModule(modulePath).getPackage()
      : fromModule.getPackage();
  }
}

```

```

    if (pck) {
      return pck.redirectRequire(modulePath, this._options.mainFields);
    }
  }
} catch (err) {
  // Do nothing. The standard module cache does not trigger any error, but
  // the ModuleGraph one does, if the module does not exist.
}

return modulePath;
}

resolveDependency(
  fromModule: TModule,
  moduleName: string,
  allowHaste: boolean,
  platform: string | null,
): TModule {
  try {
    const result = Resolver.resolve(
      {
        ...this._options,
        originModulePath: fromModule.path,
        redirectModulePath: (modulePath: string) =>
          this._redirectRequire(fromModule, modulePath),
        allowHaste,
        platform,
        resolveHasteModule: (name: string) =>
          this._options.moduleMap.getModule(name, platform, true),
        resolveHastePackage: (name: string) =>
          this._options.moduleMap.getPackage(name, platform, true),
        getPackageMainPath: this._getPackageMainPath,
      },
      moduleName,
      platform,
    );
    return this._getFileResolvedModule(result);
  } catch (error) {
    if (error instanceof Resolver.FailedToResolvePathError) {
      const {candidates} = error;
      throw new UnableToResolveError(
        fromModule.path,
        moduleName,
        [
          '\n\nNone of these files exist:',
          ` * ${Resolver.formatFileCandidates(
            this._removeRoot(candidates.file),
          )}`
        ]
      );
    }
  }
}

```

```

    ` * ${Resolver.formatFileCandidates(
      this._removeRoot(candidates.dir),
    )}`,
    ].join('\n'),
  );
}
if (error instanceof Resolver.FailedToResolveNameError) {
  const {
    dirPaths,
    extraPaths,
  }: {
    // $flowfixme these types are defined explicitly in FailedToResolveNameError but Flow refuses to recognize
    them here
    dirPaths: $ReadOnlyArray<string>,
    extraPaths: $ReadOnlyArray<string>,
    ...
  } = error;
  const displayDirPaths = dirPaths
    .filter((dirPath: string) => this._options.dirExists(dirPath))
    .map(dirPath => path.relative(this._options.projectRoot, dirPath))
    .concat(extraPaths);

  const hint = displayDirPaths.length ? ' or in these directories:' : '';

  throw new UnableToResolveError(
    fromModule.path,
    moduleName,
    [
      `${moduleName} could not be found within the project${hint || '!'}`,
      ...displayDirPaths.map((dirPath: string) => ` ${dirPath}`),
      '\nIf you are sure the module exists, try these steps:',
      ' 1. Clear watchman watches: watchman watch-del-all',
      ' 2. Delete node_modules and run yarn install',
      ' 3. Reset Metro's cache: yarn start --reset-cache',
      ' 4. Remove the cache: rm -rf /tmp/metro-*',
    ],
    ].join('\n'),
  );
}
throw error;
}
}

_getPackageMainPath = (packageJsonPath: string): string => {
  const package_ = this._options.moduleCache.getPackage(packageJsonPath);
  return package_.getMain(this._options.mainFields);
};

/**

```

```

* FIXME: get rid of this function and of the reliance on `TModule`
* altogether, return strongly typed resolutions at the top-level instead.
*/
_getFileResolvedModule(resolution: Resolution): TModule {
  switch (resolution.type) {
    case 'sourceFile':
      return this._options.moduleCache.getModule(resolution.filePath);
    case 'assetFiles':
      // FIXME: we should forward ALL the paths/metadata,
      // not just an arbitrary item!
      const arbitrary = getArrayLowestItem(resolution.filePaths);
      invariant(arbitrary != null, 'invalid asset resolution');
      return this._options.moduleCache.getModule(arbitrary);
    case 'empty':
      const {moduleCache} = this._options;
      const module_ = moduleCache.getModule(ModuleResolver.EMPTY_MODULE);
      invariant(module_ != null, 'empty module is not available');
      return module_;
    default:
      (resolution.type: empty);
      throw new Error('invalid type');
  }
}

_removeRoot(candidates: FileCandidates) {
  if (candidates.filePathPrefix) {
    candidates.filePathPrefix = path.relative(
      this._options.projectRoot,
      candidates.filePathPrefix,
    );
  }
  return candidates;
}

function getArrayLowestItem(a: $ReadOnlyArray<string>): string | void {
  if (a.length === 0) {
    return undefined;
  }
  let lowest = a[0];
  for (let i = 1; i < a.length; ++i) {
    if (a[i] < lowest) {
      lowest = a[i];
    }
  }
  return lowest;
}

```

```

class UnableToResolveError extends Error {
  /**
   * File path of the module that tried to require a module, ex. `./js/foo.js`.
   */
  originModulePath: string;
  /**
   * The name of the module that was required, no necessarily a path,
   * ex. `./bar`, or `invariant`.
   */
  targetModuleName: string;

  constructor(
    originModulePath: string,
    targetModuleName: string,
    message: string,
  ) {
    super();
    this.originModulePath = originModulePath;
    this.targetModuleName = targetModuleName;
    const codeFrameMessage = this.buildCodeFrameMessage();
    this.message =
      util.format(
        'Unable to resolve module %s from %s: %s',
        targetModuleName,
        originModulePath,
        message,
      ) + (codeFrameMessage ? '\n' + codeFrameMessage : '');
  }

  buildCodeFrameMessage(): ?string {
    let file;
    try {
      file = fs.readFileSync(this.originModulePath, 'utf8');
    } catch (error) {
      if (error.code === 'ENOENT' || error.code === 'EISDIR') {
        // We're probably dealing with a virtualised file system where
        // `this.originModulePath` doesn't actually exist on disk.
        // We can't show a code frame, but there's no need to let this I/O
        // error shadow the original module resolution error.
        return null;
      }
      throw error;
    }

    const lines = file.split('\n');
    let lineNumber = 0;
    let column = -1;
    for (let line = 0; line < lines.length; line++) {

```

```
const columnLocation = lines[line].lastIndexOf(this.targetModuleName);
if (columnLocation >= 0) {
  lineNumber = line;
  column = columnLocation;
  break;
}
}

return codeFrameColumns(
  fs.readFileSync(this.originModulePath, 'utf8'),
  {
    start: {column: column + 1, line: lineNumber + 1},
  },
  {forceColor: process.env.NODE_ENV !== 'test'},
);
}
}
```

```
module.exports = {
  ModuleResolver,
  UnableToResolveError,
};
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/node-
haste/DependencyGraph/ModuleResolution.js.flow
```

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*
```

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```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/basic_bundle/TypeScript.ts
```

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```

```
*
```

```
* @format
```

```
* @flow strict
```



```
*/
```

```
'use strict';
```

```
export default 'export-primitive-default: DEFAULT';
```

```
export const foo = 'export-primitive-default: FOO';
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-  
tgz/package/src/integration_tests/basic_bundle/import-export/export-primitive-default.js.flow
```

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```
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```

```
*
```

```
* @format
```

```
* @flow strict
```

```
*/
```

```
'use strict';
```

```
export default 'export-1: DEFAULT';
```

```
export const foo = 'export-1: FOO';
```

```
export function myFunction(): string {  
  return 'export-1: MY_FUNCTION';  
}
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-  
tgz/package/src/integration_tests/basic_bundle/import-export/export-1.js.flow
```

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```

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```
*
```

```
* @format
```

```
* @flow strict
```

```
*/
```

```
'use strict';
```

```
export default 'export-3: DEFAULT';
```

```
export const foo = 'export-3: FOO';
```

```
export function myFunction(): string {  
  return 'export-3: MY_FUNCTION';  
}
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-  
tgz/package/src/integration_tests/basic_bundle/import-export/export-3.js.flow  
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```
*
```

```
* @format
```

```
* @flow strict
```

```
*/
```

```
'use strict';
```

```
module.exports = global.POLYFILL_IS_INJECTED;
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-  
tgz/package/src/integration_tests/basic_bundle/TestPolyfill.js.flow  
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```
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```
*
```

```
* @flow
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
const Bundler = require('./Bundler');
```

```
const DeltaBundler = require('./DeltaBundler');
```

```
const ResourceNotFoundError = require('./IncrementalBundler/ResourceNotFoundError');
```

```
const crypto = require('crypto');  
const fs = require('fs');  
const getGraphId = require('./lib/getGraphId');  
const getPrependedScripts = require('./lib/getPrependedScripts');  
const path = require('path');  
const transformHelpers = require('./lib/transformHelpers');
```

```
import type {  
  Options as DeltaBundlerOptions,  
  TransformInputOptions,  
  Dependencies,  
} from './DeltaBundler/types.flow';  
import type {DeltaResult, Module, Graph} from './DeltaBundler';  
import type {GraphId} from './lib/getGraphId';  
import type {ConfigT} from 'metro-config/src/configTypes.flow';
```

```
export opaque type RevisionId: string = string;
```

```
export type OutputGraph = Graph<>;
```

```
type OtherOptions = {|  
  +onProgress: $PropertyType<DeltaBundlerOptions<>, 'onProgress'>,  
  +shallow: boolean,  
|};
```

```
export type GraphRevision = {|  
  // Identifies the last computed revision.  
  +id: RevisionId,  
  +date: Date,  
  +graphId: GraphId,  
  +graph: OutputGraph,  
  +prepend: $ReadOnlyArray<Module<>>,  
|};
```

```
export type IncrementalBundlerOptions = $ReadOnly<{|  
  hasReducedPerformance?: boolean,  
  watch?: boolean,  
|}>;
```

```
function createRevisionId(): RevisionId {  
  return crypto.randomBytes(8).toString('hex');  
}
```

```
function revisionIdFromString(str: string): RevisionId {  
  return str;  
}
```

```

class IncrementalBundler {
  _config: ConfigT;
  _bundler: Bundler;
  _deltaBundler: DeltaBundler<>;
  _revisionsById: Map<RevisionId, Promise<GraphRevision>> = new Map();
  _revisionsByGraphId: Map<GraphId, Promise<GraphRevision>> = new Map();

  static revisionIdFromString: (
    str: string,
  ) => RevisionId = revisionIdFromString;

  constructor(config: ConfigT, options?: IncrementalBundlerOptions) {
    this._config = config;
    this._bundler = new Bundler(config, options);
    this._deltaBundler = new DeltaBundler(this._bundler);
  }

  end(): void {
    this._deltaBundler.end();
    this._bundler.end();
  }

  getBundler(): Bundler {
    return this._bundler;
  }

  getDeltaBundler(): DeltaBundler<> {
    return this._deltaBundler;
  }

  getRevision(revisionId: RevisionId): ?Promise<GraphRevision> {
    return this._revisionsById.get(revisionId);
  }

  getRevisionByGraphId(graphId: GraphId): ?Promise<GraphRevision> {
    return this._revisionsByGraphId.get(graphId);
  }

  async buildGraphForEntries(
    entryFiles: $ReadOnlyArray<string>,
    transformOptions: TransformInputOptions,
    otherOptions?: OtherOptions = {
      onProgress: null,
      shallow: false,
    },
  ): Promise<OutputGraph> {
    const absoluteEntryFiles = await this._getAbsoluteEntryFiles(entryFiles);

```

```

const graph = await this._deltaBundler.buildGraph(absoluteEntryFiles, {
  resolve: await transformHelpers.getResolveDependencyFn(
    this._bundler,
    transformOptions.platform,
  ),
  transform: await transformHelpers.getTransformFn(
    absoluteEntryFiles,
    this._bundler,
    this._deltaBundler,
    this._config,
    transformOptions,
  ),
  transformOptions,
  onProgress: otherOptions.onProgress,
  experimentalImportBundleSupport: this._config.transformer
    .experimentalImportBundleSupport,
  shallow: otherOptions.shallow,
});

this._config.serializer.experimentalSerializerHook(graph, {
  added: graph.dependencies,
  modified: new Map(),
  deleted: new Set(),
  reset: true,
});

return graph;
}

async getDependencies(
  entryFiles: $ReadOnlyArray<string>,
  transformOptions: TransformInputOptions,
  otherOptions?: OtherOptions = {
    onProgress: null,
    shallow: false,
  },
): Promise<Dependencies<>> {
  const absoluteEntryFiles = await this._getAbsoluteEntryFiles(entryFiles);

  const dependencies = await this._deltaBundler.getDependencies(
    absoluteEntryFiles,
    {
      resolve: await transformHelpers.getResolveDependencyFn(
        this._bundler,
        transformOptions.platform,
      ),
      transform: await transformHelpers.getTransformFn(

```

```

        absoluteEntryFiles,
        this._bundler,
        this._deltaBundler,
        this._config,
        transformOptions,
    ),
    transformOptions,
    onProgress: otherOptions.onProgress,
    experimentalImportBundleSupport: this._config.transformer
        .experimentalImportBundleSupport,
    shallow: otherOptions.shallow,
    },
);

return dependencies;
}

async buildGraph(
    entryFile: string,
    transformOptions: TransformInputOptions,
    otherOptions?: OtherOptions = {
        onProgress: null,
        shallow: false,
    },
): Promise<{|+graph: OutputGraph, +prepend: $ReadOnlyArray<Module<>>|}> {
    const graph = await this.buildGraphForEntries(
        [entryFile],
        transformOptions,
        otherOptions,
    );

    const {type: _, ...transformOptionsWithoutType} = transformOptions;

    const prepend = await getPrependedScripts(
        this._config,
        transformOptionsWithoutType,
        this._bundler,
        this._deltaBundler,
    );

    return {
        prepend,
        graph,
    };
}

// TODO T34760750 (alexkirsz) Eventually, I'd like to get to a point where
// this class exposes only initializeGraph and updateGraph.

```

```

async initializeGraph(
  entryFile: string,
  transformOptions: TransformInputOptions,
  otherOptions?: OtherOptions = {
    onProgress: null,
    shallow: false,
  },
): Promise<{
  delta: DeltaResult<>,
  revision: GraphRevision,
  ...
}> {
  const graphId = getGraphId(entryFile, transformOptions, {
    shallow: otherOptions.shallow,
    experimentalImportBundleSupport: this._config.transformer
      .experimentalImportBundleSupport,
  });
  const revisionId = createRevisionId();
  const revisionPromise = (async () => {
    const {graph, prepend} = await this.buildGraph(
      entryFile,
      transformOptions,
      otherOptions,
    );
    return {
      id: revisionId,
      date: new Date(),
      graphId,
      graph,
      prepend,
    };
  })();

  this._revisionsById.set(revisionId, revisionPromise);
  this._revisionsByGraphId.set(graphId, revisionPromise);
  try {
    const revision = await revisionPromise;
    const delta = {
      added: revision.graph.dependencies,
      modified: new Map(),
      deleted: new Set(),
      reset: true,
    };
    return {
      revision,
      delta,
    };
  } catch (err) {

```

```

    // Evict a bad revision from the cache since otherwise
    // we'll keep getting it even after the build is fixed.
    this._revisionsById.delete(revisionId);
    this._revisionsByGraphId.delete(graphId);
    throw err;
  }
}

async updateGraph(
  revision: GraphRevision,
  reset: boolean,
): Promise<{
  delta: DeltaResult<>,
  revision: GraphRevision,
  ...
}> {
  const delta = await this._deltaBundler.getDelta(revision.graph, {
    reset,
    shallow: false,
  });

  this._config.serializer.experimentalSerializerHook(revision.graph, delta);

  if (
    delta.added.size > 0 ||
    delta.modified.size > 0 ||
    delta.deleted.size > 0
  ) {
    this._revisionsById.delete(revision.id);
    revision = {
      ...revision,
      // Generate a new revision id, to be used to verify the next incremental
      // request.
      id: crypto.randomBytes(8).toString('hex'),
      date: new Date(),
    };
    const revisionPromise = Promise.resolve(revision);
    this._revisionsById.set(revision.id, revisionPromise);
    this._revisionsByGraphId.set(revision.graphId, revisionPromise);
  }

  return {revision, delta};
}

async endGraph(graphId: GraphId): Promise<void> {
  const revPromise = this._revisionsByGraphId.get(graphId);
  if (!revPromise) {
    return;
  }
}

```



```

    }
    const revision = await revPromise;
    this._deltaBundler.endGraph(revision.graph);
    this._revisionsByGraphId.delete(graphId);
    this._revisionsById.delete(revision.id);
  }

  async _getAbsoluteEntryFiles(
    entryFiles: $ReadOnlyArray<string>,
  ): Promise<$ReadOnlyArray<string>> {
    const absoluteEntryFiles = entryFiles.map((entryFile: string) =>
      path.resolve(this._config.projectRoot, entryFile),
    );

    await Promise.all(
      absoluteEntryFiles.map(
        (entryFile: string) =>
          new Promise((resolve: void => void, reject: mixed => mixed) => {
            // This should throw an error if the file doesn't exist.
            // Using this instead of fs.exists to account for SimLinks.
            fs.realpath(entryFile, err => {
              if (err) {
                reject(new ResourceNotFoundError(entryFile));
              } else {
                resolve();
              }
            });
          }),
      ),
    );

    return absoluteEntryFiles;
  }
}

```

```
module.exports = IncrementalBundler;
```

Found in path(s):

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/IncrementalBundler.js.flow

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```
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```

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```
*
```

```
* @emails oncall+metro_bundler
```

```
* @format
* @flow
*/
```

```
'use strict';
```

```
const acorn = require('acorn');
const vm = require('vm');
```

```
module.exports = function execBundle(code: string, context: {...} = {}): mixed {
  // Verify the code can run on older VMs by parsing it as ES5 (versus ES6+).
  acorn.parse(code, {ecmaVersion: 5});

  return vm.runInNewContext(code, context);
};
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/execBundle.js.flow
```

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```
*
```

```
* @flow strict-local
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
const nullthrows = require('nullthrows');
```

```
const reLine = /^/gm;
```

```
function countLines(s: string): number {
  return nullthrows(s.match(reLine)).length;
}
```

```
module.exports = countLines;
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/countLines.js.flow
```

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```
#!/usr/bin/env node
```

```

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 *
 * @flow strict-local
 * @format
 */

'use strict';

// flowlint-next-line untyped-import:off
const yargs = require('yargs');

const {attachMetroCli} = require('./index');

attachMetroCli(yargs.demandCommand(1)).argv;

Found in path(s):
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/cli.js.flow
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 *
 * @flow strict-local
 * @format
 */

'use strict';

// Debounces calls with the given delay, and queues the next call while the
// previous one hasn't completed so that no two calls can execute concurrently.
function debounceAsyncQueue<T>(
  fn: () => Promise<T>,
  delay: number,
): () => Promise<T> {
  let timeout;
  let waiting = false;
  let executing = false;
  let callbacks: Array<(T) => void> = [];

  async function execute(): Promise<void> {
    const currentCallbacks = callbacks;

```

```

callbacks = [];
executing = true;
const res = await fn();
currentCallbacks.forEach((c: T => void) => c(res));
executing = false;
if (callbacks.length > 0) {
  await execute();
}
}

return () =>
new Promise((resolve: T => void, reject: mixed => void) => {
  callbacks.push(resolve);

  if (!executing) {
    if (waiting) {
      clearTimeout(timeout);
    } else {
      waiting = true;
    }
    timeout = setTimeout(async () => {
      waiting = false;
      await execute();
    }, delay);
  }
});
}

module.exports = debounceAsyncQueue;

```

Found in path(s):

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/debounceAsyncQueue.js.flow

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* @emails oncall+metro_bundler

* @format

*

*/

Found in path(s):

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-

tgz/package/src/lib/parseCustomTransformOptions.js

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/integration_tests/execBundle.js

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*

* @format

* @flow strict

*/

'use strict';

const Foo = require('./Foo');

module.exports = {type: 'bar', foo: Foo.type};

Found in path(s):

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-

tgz/package/src/integration_tests/basic_bundle/Bar.js.flow

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*

* @flow

* @format

*/

'use strict';

'use strict';

type ModuleID = string;

export type Path = string;

type Platform = string;

type Platforms = Set<Platform>;

export type Extensions = Array<string>;

export type Module = {

 path: Path,

 type: 'Module',

```
getName(): ModuleID,  
getPackage(): ?Package,  
isHaste(): Promise<boolean>,  
...  
};
```

```
export type Package = {  
  path: Path,  
  root: Path,  
  type: 'Package',  
  getMain(): Path,  
  getName(): ModuleID,  
  isHaste(): Promise<boolean>,  
  redirectRequire(id: ModuleID): Path | false,  
  ...  
};
```

```
export type ModuleCache = {  
  getModule(path: Path): Module,  
  getPackage(path: Path): Package,  
  getPackageOf(path: Path): ?Package,  
  ...  
};
```

```
export type FastFS = {  
  dirExists(path: Path): boolean,  
  closest(path: string, fileName: string): ?string,  
  fileExists(path: Path): boolean,  
  getAllFiles(): Array<Path>,  
  matches(directory: Path, pattern: RegExp): Array<Path>,  
  ...  
};
```

```
type HasteMapOptions = {  
  extensions: Extensions,  
  files: Array<string>,  
  moduleCache: ModuleCache,  
  platforms: Platforms,  
  preferNativePlatform: true,  
};
```

```
declare class HasteMap {  
  // node-haste/DependencyGraph/HasteMap.js  
  build(): Promise<Object>;  
  constructor(options: HasteMapOptions): void;  
}
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/node-haste/node-haste.flow.js.flow
```

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```

```
*
```

```
* @format
```

```
* @flow strict
```

```
*/
```

```
'use strict';
```

```
const { Console } = require('console');
```

```
const { Writable } = require('stream');
```

```
/* $FlowFixMe(>=0.97.0 site=react_native_fb) This comment suppresses an error
```

```
* found when Flow v0.97 was deployed. To see the error delete this comment and
```

```
* run Flow. */
```

```
const write = (_, __, callback) => callback();
```

```
module.exports = (new Console(new Writable({ write, writev: write })): Console);
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/silent-console.js.flow
```

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```

```
*
```

```
* @flow strict
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
function createModuleIdFactory(): (path: string) => number {
```

```
  const fileToIdMap: Map<string, number> = new Map();
```

```
  let nextId = 0;
```

```
  return (path: string) => {
```

```
    let id = fileToIdMap.get(path);
```

```
    if (typeof id !== 'number') {
```

```
    id = nextId++;
    fileToIdMap.set(path, id);
  }
  return id;
};
}
```

```
module.exports = createModuleIdFactory;
```

Found in path(s):

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/createModuleIdFactory.js.flow

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 *
 * @flow strict-local
 * @format
 */
```

```
'use strict';
```

```
const writeFile = require('../writeFile');
```

```
function writeSourcemap(
  fileName: string,
  contents: string,
  log: (...args: Array<string>) => void,
): Promise<mixed> {
  if (!fileName) {
    return Promise.resolve();
  }
  log('Writing sourcemap output to:', fileName);
  const writeMap = writeFile(fileName, contents, null);
  writeMap.then(() => log('Done writing sourcemap output'));
  return writeMap;
}
```

```
module.exports = writeSourcemap;
```

Found in path(s):

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/output/RamBundle/write-sourcemap.js.flow

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 *
 * @flow strict-local
 * @format
 */
```

```
'use strict';
```

```
function getInlineSourceMappingURL(sourceMap: string): string {
  const base64 = Buffer.from(sourceMap).toString('base64');
  return `data:application/json;charset=utf-8;base64,${base64}`;
}
```

```
module.exports = getInlineSourceMappingURL;
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/DeltaBundler/Serializers/helpers/getInlineSourceMappingURL.js.flow
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```
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 *
 * @format
 * @flow strict
 */
```

```
'use strict';
```

```
const Bar = require('./Bar');
const Foo = require('./Foo');
// $FlowFixMe: Flow doesn't understand TypeScript
const TypeScript = require('./TypeScript');
```

```
module.exports = {Foo, Bar, TypeScript};
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/basic_bundle/TestBundle.js.flow
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```

```
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 *
 * @flow strict
 * @format
 */

'use strict';

const os = require('os');

module.exports = (workers: ?number): number => {
  const cores = os.cpus().length;
  return typeof workers === 'number' && Number.isInteger(workers)
    ? Math.min(cores, workers > 0 ? workers : 1)
    : Math.max(1, Math.ceil(cores * (0.5 + 0.5 * Math.exp(-cores * 0.07)) - 1));
};
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/getMaxWorkers.js.flow
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```

```
/**
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 * LICENSE file in the root directory of this source tree.
 *
 * @format
 * @flow strict
 */
```

'use strict';

```
export default 'export-2: DEFAULT';
```

```
export const foo = 'export-2: FOO';
```

```
export function myFunction(): string {
  return 'export-2: MY_FUNCTION';
}
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/basic_bundle/import-export/export-2.js.flow
```

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 * LICENSE file in the root directory of this source tree.
 *
 * @flow strict
 * @format
 */
```

```
'use strict';
```

```
/* global Buffer: true */
```

```
const crypto = require('crypto');
```

```
const isUTF8 = (encoding: 'ascii' | 'utf16le' | 'utf8') =>
  /^utf-?8$/i.test(encoding);
```

```
const constantFor = (encoding: 'ascii' | 'utf16le' | 'utf8') =>
  /^ascii$/i.test(encoding)
    ? 1
    : isUTF8(encoding)
      ? 2
      : /^(?:utf-?16(?:le)?|ucs-?2)$/i.test(encoding)
        ? 3
        : 0;
```

```
module.exports = function(
  code: Buffer | string,
  encoding: 'ascii' | 'utf16le' | 'utf8' = 'utf8',
): Buffer {
  const buffer: Buffer = asBuffer(code, encoding);
  const hash = crypto.createHash('sha1');
  hash.update(buffer);
  const digest = hash.digest('buffer');
  const signature = Buffer.alloc(digest.length + 1);
  digest.copy(signature);
  signature.writeUInt8(
    constantFor(tryAsciiPromotion(buffer, encoding)),
    signature.length - 1,
  );
  return signature;
};
```

```
function tryAsciiPromotion(
```

```

buffer: Buffer,
encoding: 'ascii' | 'utf16le' | 'utf8',
): 'ascii' | 'utf16le' | 'utf8' {
  if (!isUTF8(encoding)) {
    return encoding;
  }
  for (let i = 0, n = buffer.length; i < n; i++) {
    if (buffer[i] > 0x7f) {
      return encoding;
    }
  }
  return 'ascii';
}

```

```

function asBuffer(
  x: Buffer | string,
  encoding: 'ascii' | 'utf16le' | 'utf8',
): Buffer {
  if (typeof x !== 'string') {
    return x;
  }
  return Buffer.from(x, encoding);
}

```

Found in path(s):

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/output/meta.js.flow

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```

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 *
 * @format
 */

```

Found in path(s):

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/types.flow.js

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/node-haste/HasteFS.js

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/getPrependedScripts.js

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/getMaxWorkers.js

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/transformHelpers.js

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-

tgz/package/src/DeltaBundler/Serializers/sourceMapObject.js

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/output/writeFile.js

- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/helpers/js.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Worker.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/index.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/output/bundle.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/node-haste/node-haste.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/WorkerFarm.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/Server.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/BatchProcessor.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/splitBundleOptions.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/module.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/node-haste/node-haste.flow.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/IncrementalBundler/ResourceNotFoundError.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/reporting.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/node-haste/DependencyGraph.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/helpers/getSourceMapInfo.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/Bundler/util.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/output/util.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/node-haste/ModuleCache.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/output/RamBundle/assets.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/node-haste/types.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/output/RamBundle/write-sourcemap.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/getAssets.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/cli-utils.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/commands/build.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/traverseDependencies.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/getAllFiles.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/baseBytecodeBundle.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/helpers/processBytecodeModules.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/baseJSBundle.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/IncrementalBundler.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/Server/symbolicate.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/IncrementalBundler/RevisionNotFoundError.js
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/node-

haste/lib/parsePlatformFilePath.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/node-haste/Module.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/output/indexed-ram-bundle.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/debounceAsyncQueue.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/output/plain-bundle.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/computeDelta.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/hmrJSBundle.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/cli.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/helpers/bytecode.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/types.flow.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/IncrementalBundler/GraphNotFoundError.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/output/meta.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/sourceMapGenerator.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/node-haste/ModuleCache.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/getGraphId.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/getExplodedSourceMap.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/JsonReporter.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/attachWebsocketServer.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/helpers/processModules.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/commands/serve.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/getAppendScripts.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/relativizeSourceMap.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/output/RamBundle/util.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/output/unbundle.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/node-haste/DependencyGraph/ModuleResolution.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/node-haste/Package.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/output/RamBundle.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/DeltaCalculator.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/sourceMapString.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/helpers/getTransitiveDependencies.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/mergeDeltas.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/parseOptionsFromUrl.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/bundleToString.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/output/RamBundle/as-indexed-file.js
 * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/createModuleIdFactory.js

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/Bundler.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/getTransformCacheKey.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/getRamBundleInfo.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/worker/Platforms.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/helpers/getInlineSourceMappingURL.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/node-haste/lib/AssetPaths.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/output/RamBundle/magic-number.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/countLines.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/output/multiple-files-ram-bundle.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/output/RamBundle/buildSourcemapWithMetadata.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/bundleToBytecode.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/TerminalReporter.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/types.flow.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/Assets.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/node-haste/Module.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/output/reverse-dependency-map-references.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/getPreludeCode.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/node-haste/Package.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Transformer.js
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Found in path(s):

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/IncrementalBundler/ResourceNotFoundError.js.flow
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*

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*

* @flow strict-local

* @format

*/

'use strict';

```

const nullthrows = require('nullthrows');

import type {
  Dependency,
  Graph,
  Module,
  Options,
  TransformResultDependency,
} from './types.flow';

type Result<T> = {
  added: Map<string, Module<T>>,
  modified: Map<string, Module<T>>,
  deleted: Set<string>,
  ...
};

/**
 * Internal data structure that the traversal logic uses to know which of the
 * files have been modified. This allows to return the added modules before the
 * modified ones (which is useful for things like Hot Module Reloading).
 */
type Delta = $ReadOnly<{|
  added: Set<string>,
  modified: Set<string>,
  deleted: Set<string>,
  inverseDependencies: Map<string, Set<string>>,
|}>;

type InternalOptions<T> = $ReadOnly<{|
  experimentalImportBundleSupport: boolean,
  onDependencyAdd: () => mixed,
  onDependencyAdded: () => mixed,
  resolve: $PropertyType<Options<T>, 'resolve'>,
  transform: $PropertyType<Options<T>, 'transform'>,
  shallow: boolean,
|}>;

function getInternalOptions<T>({
  transform,
  resolve,
  onProgress,
  experimentalImportBundleSupport,
  shallow,
}): Options<T>: InternalOptions<T> {
  let numProcessed = 0;
  let total = 0;

```



```

return {
  experimentalImportBundleSupport,
  transform,
  resolve,
  onDependencyAdd: () => onProgress && onProgress(numProcessed, ++total),
  onDependencyAdded: () => onProgress && onProgress(++numProcessed, total),
  shallow,
};
}

```

```
/**
```

```

* Dependency Traversal logic for the Delta Bundler. This method calculates
* the modules that should be included in the bundle by traversing the
* dependency graph.
* Instead of traversing the whole graph each time, it just calculates the
* difference between runs by only traversing the added/removed dependencies.
* To do so, it uses the passed passed graph dependencies and it mutates it.
* The paths parameter contains the absolute paths of the root files that the
* method should traverse. Normally, these paths should be the modified files
* since the last traversal.
*/

```

```

async function traverseDependencies<T>(
  paths: $ReadOnlyArray<string>,
  graph: Graph<T>,
  options: Options<T>,
): Promise<Result<T>> {
  const delta = {
    added: new Set(),
    modified: new Set(),
    deleted: new Set(),
    inverseDependencies: new Map(),
  };

```

```

const internalOptions = getInternalOptions(options);

```

```

for (const path of paths) {
  // Only process the path if it's part of the dependency graph. It's possible
  // that this method receives a path that is no longer part of it (e.g if a
  // module gets removed from the dependency graph and just afterwards it gets
  // modified), and we have to ignore these cases.
  if (graph.dependencies.get(path)) {
    delta.modified.add(path);

    await traverseDependenciesForSingleFile(
      path,
      graph,
      delta,

```

```

    internalOptions,
  );
}
}

const added = new Map();
const modified = new Map();
const deleted = new Set();

for (const path of delta.deleted) {
  // If a dependency has been marked both as added and deleted, it means that
  // this is a renamed file (or that dependency has been removed from one path
  // but added back in a different path). In this case the addition and
  // deletion "get cancelled".
  if (!delta.added.has(path)) {
    deleted.add(path);
  }

  delta.modified.delete(path);
  delta.added.delete(path);
}

for (const path of delta.added) {
  added.set(path, nullthrows(graph.dependencies.get(path)));
}

for (const path of delta.modified) {
  // Similarly to the above, a file can be marked as both added and modified
  // when its path and dependencies have changed. In this case, we only
  // consider the addition.
  if (!delta.added.has(path)) {
    modified.set(path, nullthrows(graph.dependencies.get(path)));
  }
}

return {
  added,
  modified,
  deleted,
};
}

async function initialTraverseDependencies<T>(
  graph: Graph<T>,
  options: Options<T>,
): Promise<Result<T>> {
  const delta = {
    added: new Set(),

```

```

    modified: new Set(),
    deleted: new Set(),
    inverseDependencies: new Map(),
  };

  const internalOptions = getInternalOptions(options);

  await Promise.all(
    graph.entryPoints.map((path: string) =>
      traverseDependenciesForSingleFile(path, graph, delta, internalOptions),
    ),
  );

  reorderGraph(graph, {
    shallow: options.shallow,
  });

  return {
    added: graph.dependencies,
    modified: new Map(),
    deleted: new Set(),
  };
}

async function traverseDependenciesForSingleFile<T>(
  path: string,
  graph: Graph<T>,
  delta: Delta,
  options: InternalOptions<T>,
): Promise<void> {
  options.onDependencyAdd();

  await processModule(path, graph, delta, options);

  options.onDependencyAdded();
}

async function processModule<T>(
  path: string,
  graph: Graph<T>,
  delta: Delta,
  options: InternalOptions<T>,
): Promise<Module<T>> {
  // Transform the file via the given option.
  const result = await options.transform(path);

  // Get the absolute path of all sub-dependencies (some of them could have been
  // moved but maintain the same relative path).

```

```

const currentDependencies = resolveDependencies(
  path,
  result.dependencies,
  options,
);

const previousModule = graph.dependencies.get(path) || {
  inverseDependencies: delta.inverseDependencies.get(path) || new Set(),
  path,
};
const previousDependencies = previousModule.dependencies || new Map();

// Update the module information.
const module = {
  ...previousModule,
  dependencies: new Map(),
  getSource: result.getSource,
  output: result.output,
};
graph.dependencies.set(module.path, module);

for (const [relativePath, dependency] of currentDependencies) {
  module.dependencies.set(relativePath, dependency);
}

Array.from(previousDependencies.entries())
  .filter(
    ([relativePath, dependency]) =>
      !currentDependencies.has(relativePath) ||
      nullthrows(currentDependencies.get(relativePath)).absolutePath !==
      dependency.absolutePath,
  )
  .forEach(([relativePath, dependency]) =>
    removeDependency(
      module,
      dependency.absolutePath,
      graph,
      delta,
      new Set(),
    ),
  );

// Check all the module dependencies and start traversing the tree from each
// added and removed dependency, to get all the modules that have to be added
// and removed from the dependency graph.
const promises = [];

for (const [relativePath, dependency] of currentDependencies) {

```

```

if (!options.shallow) {
  if (
    options.experimentalImportBundleSupport &&
    dependency.data.data.asyncType != null
  ) {
    graph.importBundleNames.add(dependency.absolutePath);
  } else if (
    !previousDependencies.has(relativePath) ||
    nullthrows(previousDependencies.get(relativePath)).absolutePath !==
    dependency.absolutePath
  ) {
    promises.push(
      addDependency(module, dependency.absolutePath, graph, delta, options),
    );
  }
}

try {
  await Promise.all(promises);
} catch (err) {
  // If there is an error, restore the previous dependency list.
  // This ensures we don't skip over them during the next traversal attempt.
  // $FlowFixMe[cannot-write]
  module.dependencies = previousDependencies;
  throw err;
}
return module;
}

```

```

async function addDependency<T>(
  parentModule: Module<T>,
  path: string,
  graph: Graph<T>,
  delta: Delta,
  options: InternalOptions<T>,
): Promise<void> {
  // The new dependency was already in the graph, we don't need to do anything.
  const existingModule = graph.dependencies.get(path);

  if (existingModule) {
    existingModule.inverseDependencies.add(parentModule.path);

    return;
  }

```

```

// This module is being transformed at the moment in parallel, so we should
// only mark its parent as an inverse dependency.

```

```

const inverse = delta.inverseDependencies.get(path);
if (inverse) {
  inverse.add(parentModule.path);

  return;
}

delta.added.add(path);
delta.inverseDependencies.set(path, new Set([parentModule.path]));

options.onDependencyAdd();

const module = await processModule(path, graph, delta, options);

graph.dependencies.set(module.path, module);
module.inverseDependencies.add(parentModule.path);

options.onDependencyAdded();
}

/**
 * Recursively look up `inverseDependencies` until it is empty,
 * returning a set of paths for the last module that does not have
 * `inverseDependencies`.
 */
function getAllTopLevelInverseDependencies<T>(
  inverseDependencies: Set<string>,
  graph: Graph<T>,
  currModule: string,
  visited: Set<string>,
): Set<string> {
  if (visited.has(currModule)) {
    return new Set();
  }
  visited.add(currModule);
  if (!inverseDependencies.size) {
    return new Set([currModule]);
  }

  return Array.from(inverseDependencies)
    .filter(inverseDep => graph.dependencies.has(inverseDep))
    .reduce((acc, inverseDep) => {
      const mod = graph.dependencies.get(inverseDep);
      if (!mod) {
        return acc;
      }
      getAllTopLevelInverseDependencies(
        mod.inverseDependencies,

```

```

    graph,
    inverseDep,
    visited,
  ).forEach(x => {
    acc.add(x);
  });
  return acc;
}, new Set());
}

/**
 * Given `inverseDependencies`, tracing back inverse dependencies to
 * see if it only leads back to `parentModule`.
 */
function canSafelyRemoveFromParentModule<T>(
  inverseDependencies: Set<string>,
  parentModule: string,
  graph: Graph<T>,
  canBeRemovedSafely: Set<string>,
  delta: Delta,
): boolean {
  const visited = new Set();
  const topInverseDependencies = getAllTopLevelInverseDependencies(
    inverseDependencies,
    graph,
    "", // current module name
    visited,
  );

  if (!topInverseDependencies.size) {
    /**
     * This happens when parentModule and inverseDependencies have a circular dependency.
     * This will eventually become an empty set due to the `visited` Set being the
     * base case for the recursive call.
     */
    return true;
  }

  const undeletedInverseDependencies = Array.from(
    topInverseDependencies,
  ).filter(x => !delta.deleted.has(x));

  /**
   * We can only mark the `visited` Set of modules to be safely removable if
   * 1. We do not have top a level module to compare with parentModule.
   * This can happen when trying to see if we can safely remove from
   * a module that was deleted. This is why we filtered them out with `delta.deleted`
   * 2. We have one top module and it is parentModule

```

```

*/
const canSafelyRemove =
  !undeletedInverseDependencies.length ||
  (undeletedInverseDependencies.length === 1 &&
    undeletedInverseDependencies[0] === parentModule);

if (canSafelyRemove) {
  visited.forEach(mod => {
    canBeRemovedSafely.add(mod);
  });
}
return canSafelyRemove;
}

function removeDependency<T>(
  parentModule: Module<T>,
  absolutePath: string,
  graph: Graph<T>,
  delta: Delta,
  // We use `canBeRemovedSafely` set to keep track of visited
  // module(s) that we're sure can be removed. This will skip expensive
  // inverse dependency traversals.
  canBeRemovedSafely: Set<string> = new Set(),
): void {
  const module = graph.dependencies.get(absolutePath);

  if (!module) {
    return;
  }

  module.inverseDependencies.delete(parentModule.path);

  // Even if there are modules still using parentModule, we want to ensure
  // there is no circular dependency. Thus, we check if it can be safely removed
  // by tracing back the inverseDependencies.
  if (!canBeRemovedSafely.has(module.path)) {
    if (
      module.inverseDependencies.size &&
      !canSafelyRemoveFromParentModule(
        module.inverseDependencies,
        module.path,
        graph,
        canBeRemovedSafely,
        delta,
      )
    ) {
      return;
    }
  }
}

```



```

}

delta.deleted.add(module.path);

// Now we need to iterate through the module dependencies in order to
// clean up everything (we cannot read the module because it may have
// been deleted).
Array.from(module.dependencies.values())
  .filter(
    dependency =>
      !delta.deleted.has(dependency.absolutePath) &&
      dependency.absolutePath !== parentModule.path,
  )
  .forEach(dependency =>
    removeDependency(
      module,
      dependency.absolutePath,
      graph,
      delta,
      canBeRemovedSafely,
    ),
  );
// This module is not used anywhere else!! we can clear it from the bundle
graph.dependencies.delete(module.path);
}

```

```

function resolveDependencies<T>(
  parentPath: string,
  dependencies: $ReadOnlyArray<TransformResultDependency>,
  options: InternalOptions<T>,
): Map<string, Dependency> {
  const resolve = (parentPath: string, result: TransformResultDependency) => {
    const relativePath = result.name;
    try {
      return [
        relativePath,
        {
          absolutePath: options.resolve(parentPath, relativePath),
          data: result,
        },
      ];
    } catch (error) {
      // Ignore unavailable optional dependencies. They are guarded
      // with a try-catch block and will be handled during runtime.
      if (result.data.isOptional !== true) {
        throw error;
      }
    }
  }
}

```

```

    return undefined;
};

const resolved = dependencies.reduce(
  (list: Array<[string, Dependency]>, result: TransformResultDependency) => {
    const resolvedPath = resolve(parentPath, result);
    if (resolvedPath) {
      list.push(resolvedPath);
    }
    return list;
  },
  [],
);
return new Map(resolved);
}

```

```
/**
```

```

* Re-traverse the dependency graph in DFS order to reorder the modules and
* guarantee the same order between runs. This method mutates the passed graph.
*/

```

```
*/
```

```

function reorderGraph<T>(
  graph: Graph<T>,
  options: {shallow: boolean, ...},
): void {
  const orderedDependencies = new Map();

  graph.entryPoints.forEach((entryPoint: string) => {
    const mainModule = graph.dependencies.get(entryPoint);

    if (!mainModule) {
      throw new ReferenceError('Module not registered in graph: ' + entryPoint);
    }

    reorderDependencies(graph, mainModule, orderedDependencies, options);
  });

  graph.dependencies = orderedDependencies;
}

```

```

function reorderDependencies<T>(
  graph: Graph<T>,
  module: Module<T>,
  orderedDependencies: Map<string, Module<T>>,
  options: {shallow: boolean, ...},
): void {
  if (module.path) {
    if (orderedDependencies.has(module.path)) {
      return;
    }
  }
}

```

```

    }

    orderedDependencies.set(module.path, module);
  }

  module.dependencies.forEach((dependency: Dependency) => {
    const path = dependency.absolutePath;
    const childModule = graph.dependencies.get(path);

    if (!childModule) {
      if (dependency.data.data.asyncType !== null || options.shallow) {
        return;
      } else {
        throw new ReferenceError('Module not registered in graph: ' + path);
      }
    }

    reorderDependencies(graph, childModule, orderedDependencies, options);
  });
}

module.exports = {
  initialTraverseDependencies,
  traverseDependencies,
  reorderGraph,
};

```

Found in path(s):

```

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/DeltaBundler/traverseDependencies.js.flow
No license file was found, but licenses were detected in source scan.

```

```

/**

```

```

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* LICENSE file in the root directory of this source tree.
*
* @flow
* @format
*/

```

Found in path(s):

```

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/DeltaBundler/Serializers/helpers/processBytecodeModules.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/attachWebsocketServer.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/output/plain-
bundle.js.flow

```

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/getRamBundleInfo.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/cli-utils.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/getTransformCacheKey.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/JsonReporter.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/Bundler/util.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/helpers/processModules.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/Assets.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/node-haste/Package.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/output/bundle.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/helpers/js.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/helpers/bytecode.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Worker.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/node-haste/node-haste.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/output/RamBundle/assets.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/node-haste/Module.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/node-haste/ModuleCache.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/Server.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/index.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/commands/build.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/types.flow.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/output/RamBundle/as-indexed-file.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/getAppendScripts.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/baseBytecodeBundle.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/baseJSBundle.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/BatchProcessor.js.flow
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/commands/serve.js.flow
No license file was found, but licenses were detected in source scan.

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*

* @format

* @flow strict

```
*/
```

```
'use strict';
```

```
module.exports = {  
  registerAsset(data: mixed): mixed {  
    return data;  
  },  
};
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-  
tgz/package/src/integration_tests/basic_bundle/AssetRegistry.js.flow  
No license file was found, but licenses were detected in source scan.
```

```
/**
```

```
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```

```
*
```

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```

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```

```
*
```

```
* @flow strict
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
// TODO(cpojer): Create a jest-types repo.
```

```
export type HasteFS = {  
  exists(filePath: string): boolean,  
  getAllFiles(): Array<string>,  
  getDependencies(filePath: string): Array<string>,  
  getFileIterator(): Iterator<string>,  
  getModuleName(filePath: string): ?string,  
  getSha1(string): ?string,  
  matchFiles(pattern: RegExp | string): Array<string>,  
  ...  
};
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/node-haste/types.js.flow  
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```

```
/**
```

```
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```

```
*
```

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```

```
* LICENSE file in the root directory of this source tree.
```

```
*
* @format
* @flow strict
*/

'use strict';

export default 'export-4: DEFAULT';

export const foo = 'export-4: FOO';

export function myFunction(): string {
  return 'export-4: MY_FUNCTION';
}
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/basic_bundle/import-export/export-4.js.flow
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```
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*
* @flow strict-local
* @format
*/
```

```
'use strict';

/* This is for retro-compatibility of React Native with older versions of
* Metro. Use the `RamBundle` module directly. */
module.exports = require('./RamBundle');
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/output/unbundle.js.flow
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```

```
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*
* @flow strict-local
* @format
```

```

*/

'use strict';

import type {
  ModuleMap,
  DeltaBundle,
} from 'metro-runtime/src/modules/types.flow';

function computeDelta(entries1: ModuleMap, entries2: ModuleMap): DeltaBundle {
  const modules1 = new Map(entries1);
  const modules2 = new Map(entries2);
  const added = new Map();
  const modified = new Map();
  const deleted = new Set();

  for (const [id, code] of modules1.entries()) {
    const newCode = modules2.get(id);
    if (newCode == null) {
      deleted.add(id);
    } else if (newCode !== code) {
      modified.set(id, newCode);
    }
  }

  for (const [id, code] of modules2.entries()) {
    if (!modules1.has(id)) {
      added.set(id, code);
    }
  }

  return {
    added: [...added.entries()],
    modified: [...modified.entries()],
    deleted: [...deleted],
  };
}

```

```
module.exports = computeDelta;
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/DeltaBundler/computeDelta.js.flow
```

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```
/**
```

```
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```

```
*
```

```

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*
* @flow strict-local
* @format
*/

'use strict';

const {
  initialTraverseDependencies,
  reorderGraph,
  traverseDependencies,
} = require('./traverseDependencies');
const {EventEmitter} = require('events');

import type DependencyGraph from './node-haste/DependencyGraph';
import type {DeltaResult, Graph, Options} from './types.flow';

/**
 * This class is in charge of calculating the delta of changed modules that
 * happen between calls. To do so, it subscribes to file changes, so it can
 * traverse the files that have been changed between calls and avoid having to
 * traverse the whole dependency tree for trivial small changes.
 */
class DeltaCalculator<T> extends EventEmitter {
  _dependencyGraph: DependencyGraph;
  _options: Options<T>;

  _currentBuildPromise: ?Promise<DeltaResult<T>>;
  _deletedFiles: Set<string> = new Set();
  _modifiedFiles: Set<string> = new Set();

  _graph: Graph<T>;

  constructor(
    entryPoints: $ReadOnlyArray<string>,
    dependencyGraph: DependencyGraph,
    options: Options<T>,
  ) {
    super();

    this._options = options;
    this._dependencyGraph = dependencyGraph;

    this._graph = {
      dependencies: new Map(),
      entryPoints,

```



```

importBundleNames: new Set(),
transformOptions: this._options.transformOptions,
};

this._dependencyGraph
  .getWatcher()
  .on('change', this._handleMultipleFileChanges);
}

/**
 * Stops listening for file changes and clears all the caches.
 */
end(): void {
  this._dependencyGraph
    .getWatcher()
    .removeListener('change', this._handleMultipleFileChanges);

  this.removeAllListeners();

  // Clean up all the cache data structures to deallocate memory.
  this._graph = {
    dependencies: new Map(),
    entryPoints: this._graph.entryPoints,
    importBundleNames: new Set(),
    transformOptions: this._options.transformOptions,
  };
  this._modifiedFiles = new Set();
  this._deletedFiles = new Set();
}

/**
 * Main method to calculate the delta of modules. It returns a DeltaResult,
 * which contain the modified/added modules and the removed modules.
 */
async getDelta({
  reset,
  shallow,
}): {
  reset: boolean,
  shallow: boolean,
  ...
}): Promise<DeltaResult<T>> {
  // If there is already a build in progress, wait until it finish to start
  // processing a new one (delta server doesn't support concurrent builds).
  if (this._currentBuildPromise) {
    await this._currentBuildPromise;
  }
}

```

```

// We don't want the modified files Set to be modified while building the
// bundle, so we isolate them by using the current instance for the bundling
// and creating a new instance for the file watcher.
const modifiedFiles = this._modifiedFiles;
this._modifiedFiles = new Set();
const deletedFiles = this._deletedFiles;
this._deletedFiles = new Set();

// Concurrent requests should reuse the same bundling process. To do so,
// this method stores the promise as an instance variable, and then it's
// removed after it gets resolved.
this._currentBuildPromise = this._getChangedDependencies(
  modifiedFiles,
  deletedFiles,
);

let result;

const numDependencies = this._graph.dependencies.size;

try {
  result = await this._currentBuildPromise;
} catch (error) {
  // In case of error, we don't want to mark the modified files as
  // processed (since we haven't actually created any delta). If we do not
  // do so, asking for a delta after an error will produce an empty Delta,
  // which is not correct.
  modifiedFiles.forEach((file: string) => this._modifiedFiles.add(file));
  deletedFiles.forEach((file: string) => this._deletedFiles.add(file));

  // If after an error the number of modules has changed, we could be in
  // a weird state. As a safe net we clean the dependency modules to force
  // a clean traversal of the graph next time.
  if (this._graph.dependencies.size !== numDependencies) {
    this._graph.dependencies = new Map();
  }

  throw error;
} finally {
  this._currentBuildPromise = null;
}

// Return all the modules if the client requested a reset delta.
if (reset) {
  reorderGraph(this._graph, {shallow});
}

return {
  added: this._graph.dependencies,

```

```

        modified: new Map(),
        deleted: new Set(),
        reset: true,
    };
}

return result;
}

/**
 * Returns the graph with all the dependencies. Each module contains the
 * needed information to do the traversing (dependencies, inverseDependencies)
 * plus some metadata.
 */
getGraph(): Graph<T> {
    return this._graph;
}

_handleMultipleFileChanges = ({eventsQueue}) => {
    eventsQueue.forEach(this._handleFileChange);
};

/**
 * Handles a single file change. To avoid doing any work before it's needed,
 * the listener only stores the modified file, which will then be used later
 * when the delta needs to be calculated.
 */
_handleFileChange = ({
    type,
    filePath,
}): {
    type: string,
    filePath: string,
    ...
}): mixed => {
    if (type === 'delete') {
        this._deletedFiles.add(filePath);
        this._modifiedFiles.delete(filePath);
    } else {
        this._deletedFiles.delete(filePath);
        this._modifiedFiles.add(filePath);
    }
}

// Notify users that there is a change in some of the bundle files. This
// way the client can choose to refetch the bundle.
this.emit('change');
};

```

```

async _getChangedDependencies(
  modifiedFiles: Set<string>,
  deletedFiles: Set<string>,
): Promise<DeltaResult<T>> {
  if (!this._graph.dependencies.size) {
    const {added} = await initialTraverseDependencies(
      this._graph,
      this._options,
    );

    return {
      added,
      modified: new Map(),
      deleted: new Set(),
      reset: true,
    };
  }

  // If a file has been deleted, we want to invalidate any other file that
  // depends on it, so we can process it and correctly return an error.
  deletedFiles.forEach((filePath: string) => {
    const module = this._graph.dependencies.get(filePath);

    if (module) {
      module.inverseDependencies.forEach((path: string) => {
        // Only mark the inverse dependency as modified if it's not already
        // marked as deleted (in that case we can just ignore it).
        if (!deletedFiles.has(path)) {
          modifiedFiles.add(path);
        }
      });
    }
  });

  // We only want to process files that are in the bundle.
  const modifiedDependencies = Array.from(
    modifiedFiles,
  ).filter((filePath: string) => this._graph.dependencies.has(filePath));

  // No changes happened. Return empty delta.
  if (modifiedDependencies.length === 0) {
    return {
      added: new Map(),
      modified: new Map(),
      deleted: new Set(),
      reset: false,
    };
  }
}

```

```
const { added, modified, deleted } = await traverseDependencies(
  modifiedDependencies,
  this._graph,
  this._options,
);

return {
  added,
  modified,
  deleted,
  reset: false,
};
}
}
```

```
module.exports = DeltaCalculator;
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/DeltaBundler/DeltaCalculator.js.flow
```

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```
/**
```

```
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```

```
*
```

```
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```

```
* LICENSE file in the root directory of this source tree.
```

```
*
```

```
* @emails oncall+metro_bundler
```

```
* @format
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/integration_tests/metro.config.js
```

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
```

```
tgz/package/src/DeltaBundler/__fixtures__/hasteImpl.js
```

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```
/**
```

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```

```
*
```

```
* @flow
```

```
* @format
```

```
*/
```

```

'use strict';

const chalk = require('chalk');
const stripAnsi = require('strip-ansi');
const util = require('util');

const {Terminal} = require('metro-core');

export type GlobalCacheDisabledReason = 'too_many_errors' | 'too_many_misses';

export type BundleDetails = {
  bundleType: string,
  dev: boolean,
  entryFile: string,
  minify: boolean,
  platform: ?string,
  runtimeBytecodeVersion: ?number,
  ...
};

/**
 * A tagged union of all the actions that may happen and we may want to
 * report to the tool user.
 */
export type ReportableEvent =
  | {
    port: number,
    hasReducedPerformance: boolean,
    type: 'initialize_started',
    ...
  }
  | {
    type: 'initialize_failed',
    port: number,
    error: Error,
    ...
  }
  | {
    buildID: string,
    type: 'bundle_build_done',
    ...
  }
  | {
    buildID: string,
    type: 'bundle_build_failed',
    ...
  }

```

```
| {
  buildID: string,
  bundleDetails: BundleDetails,
  type: 'bundle_build_started',
  ...
}
| {
  error: Error,
  type: 'bundling_error',
  ...
}
| {
  type: 'dep_graph_loading',
  hasReducedPerformance: boolean,
  ...
}
| {type: 'dep_graph_loaded', ...}
| {
  buildID: string,
  type: 'bundle_transform_progressed',
  transformedFileCount: number,
  totalFileCount: number,
  ...
}
| {
  type: 'global_cache_error',
  error: Error,
  ...
}
| {
  type: 'global_cache_disabled',
  reason: GlobalCacheDisabledReason,
  ...
}
| {type: 'transform_cache_reset', ...}
| {
  type: 'worker_stdout_chunk',
  chunk: string,
  ...
}
| {
  type: 'worker_stderr_chunk',
  chunk: string,
  ...
}
| {
  type: 'hmr_client_error',
  error: Error,
```

```

...
}
| {
  type: 'client_log',
  level:
    | 'trace'
    | 'info'
    | 'warn'
    | 'log'
    | 'group'
    | 'groupCollapsed'
    | 'groupEnd'
    | 'debug',
  data: Array<mixed>,
  mode: 'BRIDGE' | 'NOBRIDGE',
  ...
};

/**
 * Code across the application takes a reporter as an option and calls the
 * update whenever one of the ReportableEvent happens. Code does not directly
 * write to the standard output, because a build would be:
 *
 * 1. ad-hoc, embedded into another tool, in which case we do not want to
 * pollute that tool's own output. The tool is free to present the
 * warnings/progress we generate any way they want, by specifying a custom
 * reporter.
 * 2. run as a background process from another tool, in which case we want
 * to expose updates in a way that is easily machine-readable, for example
 * a JSON-stream. We don't want to pollute it with textual messages.
 *
 * We centralize terminal reporting into a single place because we want the
 * output to be robust and consistent. The most common reporter is
 * TerminalReporter, that should be the only place in the application should
 * access the `terminal` module (nor the `console`).
 */
export type Reporter = interface {update(event: ReportableEvent): void};

/**
 * A standard way to log a warning to the terminal. This should not be called
 * from some arbitrary Metro logic, only from the reporters. Instead of
 * calling this, add a new type of ReportableEvent instead, and implement a
 * proper handler in the reporter(s).
 */
function logWarning(
  terminal: Terminal,
  format: string,
  ...args: Array<mixed>

```



```

): void {
  const str = util.format(format, ...args);
  terminal.log('%s: %s', chalk.yellow('warning'), str);
}

/**
 * Similar to `logWarning`, but for messages that require the user to act.
 */
function logError(
  terminal: Terminal,
  format: string,
  ...args: Array<mixed>
): void {
  terminal.log(
    '%s: %s',
    chalk.red('error'),
    // Syntax errors may have colors applied for displaying code frames
    // in various places outside of where Metro is currently running.
    // If the current terminal does not support color, we'll strip the colors
    // here.
    util.format(chalk.supportsColor ? format : stripAnsi(format), ...args),
  );
}

/**
 * A reporter that does nothing. Errors and warnings will be swallowed, that
 * is generally not what you want.
 */
const nullReporter = {update(): void {}};

module.exports = {
  logWarning,
  logError,
  nullReporter,
};

```

Found in path(s):

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/reporting.js.flow

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```

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 *
 * @flow
 * @format

```

```

*/

'use strict';

const chalk = require('chalk');
const logToConsole = require('./logToConsole');
const path = require('path');
const reporting = require('./reporting');
const throttle = require('lodash.throttle');

const { AmbiguousModuleResolutionError } = require('metro-core');

import type {
  BundleDetails,
  ReportableEvent,
  GlobalCacheDisabledReason,
} from './reporting';
import type { Terminal } from 'metro-core';

type BundleProgress = {
  bundleDetails: BundleDetails,
  transformedFileCount: number,
  totalFileCount: number,
  ratio: number,
  ...
};

export type TerminalReportableEvent =
  | ReportableEvent
  | {
    buildID: string,
    type: 'bundle_transform_progressed_throttled',
    transformedFileCount: number,
    totalFileCount: number,
    ...
  };

type BuildPhase = 'in_progress' | 'done' | 'failed';

type SnippetError = ErrnoError &
interface {
  filename?: string,
  snippet?: string,
};

const GLOBAL_CACHE_DISABLED_MESSAGE_FORMAT =
  'The global cache is now disabled because %s';

```

```

const DARK_BLOCK_CHAR = '\u2593';
const LIGHT_BLOCK_CHAR = '\u2591';
const MAX_PROGRESS_BAR_CHAR_WIDTH = 16;

/**
 * We try to print useful information to the terminal for interactive builds.
 * This implements the `Reporter` interface from the './reporting' module.
 */
class TerminalReporter {
  /**
   * The bundle builds for which we are actively maintaining the status on the
   * terminal, ie. showing a progress bar. There can be several bundles being
   * built at the same time.
   */
  _activeBundles: Map<string, BundleProgress>;

  _scheduleUpdateBundleProgress: {
    (data: {
      buildID: string,
      transformedFileCount: number,
      totalFileCount: number,
      ...
    }): void,
    cancel(): void,
  };

  +terminal: Terminal;

  constructor(terminal: Terminal) {
    this._activeBundles = new Map();
    this._scheduleUpdateBundleProgress = throttle(data => {
      this.update({...data, type: 'bundle_transform_progressed_throttled'});
    }, 100);
    this.terminal = terminal;
  }

  /**
   * Construct a message that represents the progress of a
   * single bundle build, for example:
   *
   * BUNDLE path/to/bundle.js 36.6% (4790/7922)
   */
  _getBundleStatusMessage(
    {
      bundleDetails: {entryFile, bundleType, runtimeBytecodeVersion},
      transformedFileCount,
      totalFileCount,
      ratio,
    }
  )

```

```

    ): BundleProgress,
    phase: BuildPhase,
  ): string {
    if (runtimeBytecodeVersion) {
      bundleType = 'bytecodebundle';
    }

    const localPath = path.relative('.', entryFile);
    const filledBar = Math.floor(ratio * MAX_PROGRESS_BAR_CHAR_WIDTH);
    const bundleTypeColor =
      phase === 'done'
        ? chalk.green
        : phase === 'failed'
        ? chalk.red
        : chalk.yellow;
    const progress =
      phase === 'in_progress'
        ? chalk.green.bgGreen(DARK_BLOCK_CHAR.repeat(filledBar)) +
          chalk.bgWhite.white(
            LIGHT_BLOCK_CHAR.repeat(MAX_PROGRESS_BAR_CHAR_WIDTH - filledBar),
          ) +
          chalk.bold(` ${(100 * ratio).toFixed(1)}% `) +
          chalk.dim(` ${transformedFileCount}/${totalFileCount}`)
        : "";

    return (
      bundleTypeColor.inverse.bold(` ${bundleType.toUpperCase()} `) +
      chalk.reset.dim(` ${path.dirname(localPath)}/`) +
      chalk.bold(path.basename(localPath)) +
      ' ' +
      progress +
      '\n'
    );
  }
}

```

```

_logCacheDisabled(reason: GlobalCacheDisabledReason): void {
  const format = GLOBAL_CACHE_DISABLED_MESSAGE_FORMAT;
  switch (reason) {
    case 'too_many_errors':
      reporting.logWarning(
        this.terminal,
        format,
        'it has been failing too many times.',
      );
      break;
    case 'too_many_misses':
      reporting.logWarning(
        this.terminal,

```



```

' #####      #####      #####  ',
' #####      #####      #####  ',
' #####      #####      ',
' #####      #####      ',
' #####      ',
'      ',
'      ',
];

const color = hasReducedPerformance ? chalk.red : chalk.blue;
this.terminal.log(color(logo.join('\n')));
}

_logInitializingFailed(port: number, error: SnippetError): void {
if (error.code === 'EADDRINUSE') {
this.terminal.log(
chalk.bgRed.bold(' ERROR '),
chalk.red("Metro can't listen on port", chalk.bold(String(port))),
);
this.terminal.log(
'Most likely another process is already using this port',
);
this.terminal.log('Run the following command to find out which process:');
this.terminal.log('\n ', chalk.bold('lsof -i :' + port), '\n');
this.terminal.log('Then, you can either shut down the other process:');
this.terminal.log('\n ', chalk.bold('kill -9 <PID>'), '\n');
this.terminal.log('or run Metro on different port. ');
} else {
this.terminal.log(chalk.bgRed.bold(' ERROR '), chalk.red(error.message));
const errorAttributes = JSON.stringify(error);
if (errorAttributes !== '{}') {
this.terminal.log(chalk.red(errorAttributes));
}
this.terminal.log(chalk.red(error.stack));
}
}

/**
 * This function is only concerned with logging and should not do state
 * or terminal status updates.
 */
_log(event: TerminalReportableEvent): void {
switch (event.type) {
case 'initialize_started':
this._logInitializing(event.port, event.hasReducedPerformance);
break;
case 'initialize_failed':
this._logInitializingFailed(event.port, event.error);
}
}

```

```

    break;
case 'bundle_build_done':
    this._logBundleBuildDone(event.buildID);
    break;
case 'bundle_build_failed':
    this._logBundleBuildFailed(event.buildID);
    break;
case 'bundling_error':
    this._logBundlingError(event.error);
    break;
case 'global_cache_disabled':
    this._logCacheDisabled(event.reason);
    break;
case 'transform_cache_reset':
    reporting.logWarning(this.terminal, 'the transform cache was reset.');
```

```

    break;
case 'worker_stdout_chunk':
    this._logWorkerChunk('stdout', event.chunk);
    break;
case 'worker_stderr_chunk':
    this._logWorkerChunk('stderr', event.chunk);
    break;
case 'hmr_client_error':
    this._logHmrClientError(event.error);
    break;
case 'client_log':
    logToConsole(this.terminal, event.level, event.mode, ...event.data);
    break;
case 'dep_graph_loading':
    const color = event.hasReducedPerformance ? chalk.red : chalk.blue;
    this.terminal.log(
        color.bold('          Welcome to Metro!\n') +
        chalk.dim('          Fast - Scalable - Integrated\n\n'),
    );

    if (event.hasReducedPerformance) {
        this.terminal.log(
            chalk.red(
                'Metro is operating with reduced performance.\n' +
                'Please fix the problem above and restart Metro.\n\n',
            ),
        );
    }

    break;
}
}

```

```

/**
 * We do not want to log the whole stacktrace for bundling error, because
 * these are operational errors, not programming errors, and the stacktrace
 * is not actionable to end users.
 */
_logBundlingError(error: SnippetError): void {
  if (error instanceof AmbiguousModuleResolutionError) {
    const he = error.hasteError;
    const message =
      'ambiguous resolution: module `' +
      `${error.fromModulePath}` tries to require `${he.hasteName}`, ` +
      'but there are several files providing this module. You can delete ' +
      'or fix them: \n\n' +
      Object.keys(he.duplicatesSet)
        .sort()
        .map(dupFilePath => ` * \`${dupFilePath}\`\n`)
        .join("");
    reporting.logError(this.terminal, message);
    return;
  }

  let {message} = error;

  // Do not log the stack trace for SyntaxError (because it will always be in
  // the parser, which is not helpful).
  if (!(error instanceof SyntaxError)) {
    if (error.snippet == null && error.stack != null) {
      message = error.stack;
    }
  }

  if (error.filename && !message.includes(error.filename)) {
    message += ` [${error.filename}]`;
  }

  if (error.snippet != null) {
    message += '\n' + error.snippet;
  }
  reporting.logError(this.terminal, message);
}

_logWorkerChunk(origin: 'stdout' | 'stderr', chunk: string): void {
  const lines = chunk.split('\n');
  if (lines.length >= 1 && lines[lines.length - 1] === "") {
    lines.splice(lines.length - 1, 1);
  }
  lines.forEach((line: string) => {
    this.terminal.log(`transform[${origin}]: ${line}`);
  });
}

```



```

    });
}

/**
 * We use Math.pow(ratio, 2) to as a conservative measure of progress because
 * we know the `totalCount` is going to progressively increase as well. We
 * also prevent the ratio from going backwards.
 */
_updateBundleProgress({
  buildID,
  transformedFileCount,
  totalFileCount,
}): {
  buildID: string,
  transformedFileCount: number,
  totalFileCount: number,
  ...
}): void {
  const currentProgress = this._activeBundles.get(buildID);
  if (currentProgress == null) {
    return;
  }
  const rawRatio = transformedFileCount / totalFileCount;
  const conservativeRatio = Math.pow(rawRatio, 2);
  const ratio = Math.max(conservativeRatio, currentProgress.ratio);
  Object.assign(currentProgress, {
    ratio,
    transformedFileCount,
    totalFileCount,
  });
}

/**
 * This function is exclusively concerned with updating the internal state.
 * No logging or status updates should be done at this point.
 */
_updateState(event: TerminalReportableEvent): void {
  switch (event.type) {
    case 'bundle_build_done':
    case 'bundle_build_failed':
      this._activeBundles.delete(event.buildID);
      break;
    case 'bundle_build_started':
      const bundleProgress: BundleProgress = {
        bundleDetails: event.bundleDetails,
        transformedFileCount: 0,
        totalFileCount: 1,
        ratio: 0,
      }

```

```

    };
    this._activeBundles.set(event.buildID, bundleProgress);
    break;

    case 'bundle_transform_progressed_throttled':
        this._updateBundleProgress(event);
        break;
    }
}

/**
 * Return a status message that is always consistent with the current state
 * of the application. Having this single function ensures we don't have
 * different callsites overriding each other status messages.
 */
_getStatusMessage(): string {
    return Array.from(this._activeBundles.entries())
        .map(([_, progress]: [string, BundleProgress]) =>
            this._getBundleStatusMessage(progress, 'in_progress'),
        )
        .filter((str: null | string) => str != null)
        .join('\n');
}

_logHmrClientError(e: Error): void {
    reporting.logError(
        this.terminal,
        'A WebSocket client got a connection error. Please reload your device ' +
        'to get HMR working again: %s',
        e,
    );
}

/**
 * Single entry point for reporting events. That allows us to implement the
 * corresponding JSON reporter easily and have a consistent reporting.
 */
update(event: TerminalReportableEvent): void {
    if (event.type === 'bundle_transform_progressed') {
        this._scheduleUpdateBundleProgress(event);
        return;
    }

    this._log(event);
    this._updateState(event);
    this.terminal.status(this._getStatusMessage());
}
}

```

```
module.exports = TerminalReporter;
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/TerminalReporter.js.flow  
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```

```
/**
```

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```

```
*
```

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```
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```

```
*
```

```
* @flow strict
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
/**
```

```
* By knowing all the valid platforms, we're able to say that "foo.ios.png" is
```

```
* effectively the asset "foo" specific to "ios", and not a generic asset
```

```
* "foo.ios". This is important so that we can discard asset variants that don't
```

```
* match the platform being built.
```

```
*/
```

```
const VALID_PLATFORMS: Set<string> = new Set(['ios', 'android', 'web']);
```

```
module.exports = {VALID_PLATFORMS};
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-  
tgz/package/src/ModuleGraph/worker/Platforms.js.flow
```

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```
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```

```
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```
*
```

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```

```
*
```

```
* @flow strict-local
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
import type {
```

```
  Bundle,
```

```

BundleMetadata,
} from 'metro-runtime/src/modules/types.flow';

/**
 * Serializes a bundle into a plain JS bundle.
 */
function bundleToString(
  bundle: Bundle,
): { |+code: string, +metadata: BundleMetadata } {
  let code = bundle.pre.length > 0 ? bundle.pre + '\n' : '';
  const modules = [];

  const sortedModules = bundle.modules
    .slice()
    // The order of the modules needs to be deterministic in order for source
    // maps to work properly.
    .sort((a: [number, string], b: [number, string]) => a[0] - b[0]);

  for (const [id, moduleCode] of sortedModules) {
    if (moduleCode.length > 0) {
      code += moduleCode + '\n';
    }
    modules.push([id, moduleCode.length]);
  }

  if (bundle.post.length > 0) {
    code += bundle.post;
  } else {
    code = code.slice(0, -1);
  }

  return {
    code,
    metadata: { pre: bundle.pre.length, post: bundle.post.length, modules },
  };
}

module.exports = bundleToString;

Found in path(s):
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/bundleToString.js.flow
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```

```

*
* @flow
* @format
*/

'use strict';

const isAbsolutePath = require('absolute-path');

import type ModuleCache from './ModuleCache';
import type Package from './Package';

class Module {
  path: string;

  _moduleCache: ModuleCache;
  _sourceCode: ?string;

  constructor(file: string, moduleCache: ModuleCache) {
    if (!isAbsolutePath(file)) {
      throw new Error('Expected file to be absolute path but got ' + file);
    }

    this.path = file;
    this._moduleCache = moduleCache;
  }

  getPackage(): ?Package {
    return this._moduleCache.getPackageForModule(this);
  }

  invalidate() {}
}

module.exports = Module;

```

Found in path(s):

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/node-haste/Module.js.flow

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```

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 *
 * @emails oncall+metro_bundler
 * @format

```

* @flow strict-local

*/

Found in path(s):

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/parseCustomTransformOptions.js.flow

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*

* @flow

* @format

*/

'use strict';

import type {RevisionId} from '../IncrementalBundler';

```
class RevisionNotFoundError extends Error {  
  revisionId: RevisionId;
```

```
  constructor(revisionId: RevisionId) {  
    super(`The revision \`${revisionId}\` was not found.`);  
    this.revisionId = revisionId;  
  }  
}
```

```
module.exports = RevisionNotFoundError;
```

Found in path(s):

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/IncrementalBundler/RevisionNotFoundError.js.flow

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*

* @flow strict-local

* @format

*/

Found in path(s):

- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/types.flow.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/getPrependedScripts.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/relativizeSourceMap.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/output/RamBundle/buildSourceMapWithMetadata.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/types.flow.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/getExplodedSourceMap.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/hmrJSBundle.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/Server/symbolicate.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/output/indexed-ram-bundle.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/getGraphId.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/output/multiple-files-ram-bundle.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/getAllFiles.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/splitBundleOptions.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/output/RamBundle.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/output/util.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/sourceMapString.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/sourceMapGenerator.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/shared/output/RamBundle/util.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/helpers/getSourceMapInfo.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/mergeDeltas.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/parseOptionsFromUrl.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/module.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/getAssets.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/helpers/getTransitiveDependencies.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/transformHelpers.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/output/reverse-dependency-map-references.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/Serializers/sourceMapObject.js.flow
- * /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/node-haste/ModuleCache.js.flow

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```
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*
* @format
* @flow strict
*/
```

```
'use strict';
```

```
export default 'export-6: DEFAULT';
```

```
export const foo = 'export-6: FOO';
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/basic_bundle/import-export/export-6.js.flow
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```

```
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*
* @format
*
*/
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/basic_bundle/import-export/export-2.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/ModuleGraph/worker/collectDependencies.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/silent-console.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/logToConsole.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/formatBundlingError.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/basic_bundle/import-export/export-3.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/basic_bundle/TestPolyfill.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/basic_bundle/import-export/index.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/basic_bundle/TestBundle.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/ModuleGraph/worker/JsFileWrapping.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/HmrServer.js
```



```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/ModuleGraph/worker/mergeSourceMaps.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/basic_bundle/AssetRegistry.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/RamBundleParser.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/basic_bundle/import-export/export-null.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/basic_bundle/import-export/export-6.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/basic_bundle/Foo.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/basic_bundle/import-export/export-5.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/ModuleGraph/worker/generate.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/basic_bundle/import-export/export-1.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/basic_bundle/import-export/export-4.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/node-
haste/DependencyGraph/assets/empty-module.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/ModuleGraph/worker/generateImportNames.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/basic_bundle/Bar.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/basic_bundle/ErrorBundle.js
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
tgz/package/src/integration_tests/basic_bundle/import-export/export-primitive-default.js
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```

```
/**
```

```
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```

```
*
```

```
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```

```
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```

```
*
```

```
* @flow strict-local
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
const {getFileLength} = require('metro-hermes-compiler');
```

```
import type {
```

```
  BytecodeBundle,
```

```
  BundleMetadata,
```

```
} from 'metro-runtime/src/modules/types.flow';
```

```

// The magic number is used as a header for bytecode.
// It represents a Metro tunnel in binary.
//
// 11111111
// 11100111
// 11000011
// 11000011
const MAGIC_NUMBER = 0xffe7c3c3;

function getFileHeader(moduleCount: number): Buffer {
  const buffer = Buffer.alloc(8);
  buffer.writeUInt32LE(MAGIC_NUMBER, 0);
  buffer.writeUInt32LE(moduleCount, 4);
  return buffer;
}

function addModuleHeader(buffer: Buffer): [Buffer, Buffer] {
  const fileLength = getFileLength(buffer, 0);
  const header = Buffer.alloc(4);
  header.writeUInt32LE(fileLength, 0);
  return [header, buffer];
}

/**
 * A bytecode bundle has the following format:
 *
 * 4 bytes MAGIC_NUMBER
 * 4 bytes Module count
 * 4 bytes Module length N + N bytes
 * ...
 */
function bundleToBytecode(
  bundle: BytecodeBundle,
): { [+bytecode: Buffer, +metadata: BundleMetadata] } {
  const buffers = [];

  if (bundle.pre.length) {
    buffers.push(...bundle.pre);
  }

  const modules = [];

  const sortedModules = bundle.modules
    .slice()
    // In a JS bundle, the order of modules needs to be deterministic for source
    // maps to work. This constraint is not necessary for bytecode bundles but

```

```

// is kept for consistency.
.sort((a, b) => a[0] - b[0]);

for (const [id, bytecodeBundle] of sortedModules) {
  buffers.push(...bytecodeBundle);
  // Use the size of the last item in `bytecodeBundle` which is always
  // the actual module without headers.
  modules.push([id, bytecodeBundle[bytecodeBundle.length - 1].length]);
}

if (bundle.post.length) {
  buffers.push(...bundle.post);
}

return {
  bytecode: Buffer.concat([
    getFileHeader(buffers.length),
    ...buffers.flatMap(addModuleHeader),
  ]),
  metadata: {
    pre: bundle.pre ? bundle.pre.length : 0,
    post: bundle.post.length,
    modules,
  },
};
}

module.exports = bundleToBytecode;
module.exports.MAGIC_NUMBER = MAGIC_NUMBER;

```

Found in path(s):

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/bundleToBytecode.js.flow

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```

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 *
 * @flow
 * @format
 */

'use strict';

const {Logger} = require('metro-core');
const JestWorker = require('jest-worker').default;

```

```
import type {Readable} from 'stream';
import type {TransformResult} from '../DeltaBundler';
import type {TransformOptions, TransformerConfig, Worker} from './Worker';
import type {ConfigT} from 'metro-config/src/configTypes.flow';
```

```
type WorkerInterface = {|
  getStdout(): Readable,
  getStderr(): Readable,
  end(): void,
  ...Worker,
|};
```

```
type TransformerResult = $ReadOnly<{|
  result: TransformResult<>,
  sha1: string,
|}>;
```

```
class WorkerFarm {
  _config: ConfigT;
  _transformerConfig: TransformerConfig;
  _worker: WorkerInterface | Worker;
```

```
  constructor(config: ConfigT, transformerConfig: TransformerConfig) {
    this._config = config;
    this._transformerConfig = transformerConfig;
```

```
    if (this._config.maxWorkers > 1) {
      const worker = this._makeFarm(
        this._config.transformer.workerPath,
        ['transform'],
        this._config.maxWorkers,
      );
```

```
      worker.getStdout().on('data', chunk => {
        this._config.reporter.update({
          type: 'worker_stdout_chunk',
          chunk: chunk.toString('utf8'),
        });
      });
```

```
      worker.getStderr().on('data', chunk => {
        this._config.reporter.update({
          type: 'worker_stderr_chunk',
          chunk: chunk.toString('utf8'),
        });
      });
```

```
      this._worker = worker;
```

```

    } else {
      // eslint-disable-next-line no-useless-call
      this._worker = (require.call(
        null,
        this._config.transformer.workerPath,
      ): Worker);
    }
  }

  async kill(): Promise<void> {
    if (this._worker && typeof this._worker.end === 'function') {
      await this._worker.end();
    }
  }

  async transform(
    filename: string,
    options: TransformOptions,
  ): Promise<TransformerResult> {
    try {
      const data = await this._worker.transform(
        filename,
        options,
        this._config.projectRoot,
        this._transformerConfig,
      );

      Logger.log(data.transformFileStartLogEntry);
      Logger.log(data.transformFileEndLogEntry);

      return {
        result: data.result,
        sha1: data.sha1,
      };
    } catch (err) {
      if (err.loc) {
        throw this._formatBabelError(err, filename);
      } else {
        throw this._formatGenericError(err, filename);
      }
    }
  }

  _makeFarm(
    workerPath: string,
    exposedMethods: $ReadOnlyArray<string>,
    numWorkers: number,
  ) {

```

```

const env = {
  ...process.env,
  // Force color to print syntax highlighted code frames.
  FORCE_COLOR: 1,
};

return new JestWorker(workerPath, {
  computeWorkerKey: this._config.stickyWorkers
    ? // $FlowFixMe[method-unbinding] added when improving typing for this parameters
      this._computeWorkerKey
      : undefined,
  exposedMethods,
  forkOptions: {env},
  numWorkers,
});
}

_computeWorkerKey(method: string, filename: string): ?string {
  // Only when transforming a file we want to stick to the same worker; and
  // we'll shard by file path. If not; we return null, which tells the worker
  // to pick the first available one.
  if (method === 'transform') {
    return filename;
  }

  return null;
}

_formatGenericError(err, filename: string): TransformError {
  const error = new TransformError(`${filename}: ${err.message}`);

  return Object.assign(error, {
    stack: (err.stack || "")
      .split("\n")
      .slice(0, -1)
      .join("\n"),
    lineNumber: 0,
  });
}

_formatBabelError(err, filename: string): TransformError {
  const error = new TransformError(
    `${err.type || 'Error'}${
      err.message.includes(filename) ? " : ' in ' + filename
    } : ${err.message}`,
  );

  // $FlowExpectedError: TODO(t67543470): Change this to properly extend the error.

```

```
return Object.assign(error, {
  stack: err.stack,
  snippet: err.codeFrame,
  lineNumber: err.loc.line,
  column: err.loc.column,
  filename,
});
}
}
```

```
class TransformError extends SyntaxError {
  type: string = 'TransformError';

  constructor(message: string) {
    super(message);
    Error.captureStackTrace && Error.captureStackTrace(this, TransformError);
  }
}
```

```
module.exports = WorkerFarm;
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/DeltaBundler/WorkerFarm.js.flow
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```

```
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```

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```
*
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```

```
*
```

```
* @format
```

```
* @flow strict
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
```

```
tgz/package/src/ModuleGraph/worker/generate.js.flow
```

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-
```

```
tgz/package/src/integration_tests/basic_bundle/import-export/index.js.flow
```

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/node-
```

```
haste/DependencyGraph/assets/empty-module.js.flow
```

```
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/RamBundleParser.js.flow
```

```
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```

```
/**
```

```
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```

```
*
```

```

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*
* @flow
* @format
*/

'use strict';

const {AmbiguousModuleResolutionError} = require('metro-core');
const {DuplicateHasteCandidatesError} = require('jest-haste-map').ModuleMap;
const {InvalidPackageError} = require('metro-resolver');
const {PackageResolutionError} = require('metro-core');

const JestHasteMap = require('jest-haste-map');
const Module = require('./Module');
const ModuleCache = require('./ModuleCache');

const ci = require('ci-info');
const fs = require('fs');
const path = require('path');

const {ModuleResolver} = require('./DependencyGraph/ModuleResolution');
const {EventEmitter} = require('events');
const {
  Logger: {createActionStartEntry, createActionEndEntry, log},
} = require('metro-core');

import type {ModuleMap} from './DependencyGraph/ModuleResolution';
import type Package from './Package';
import type {HasteFS} from './types';
import type {ConfigT} from 'metro-config/src/configTypes.flow';

const JEST_HASTE_MAP_CACHE_BREAKER = 5;

function getOrCreate<T>(
  map: Map<string, Map<string, T>>,
  field,
): Map<string, T> {
  let subMap = map.get(field);
  if (!subMap) {
    subMap = new Map();
    map.set(field, subMap);
  }
  return subMap;
}

class DependencyGraph extends EventEmitter {

```



```

_assetExtensions: Set<string>;
_config: ConfigT;
// $FlowFixMe[value-as-type]
_haste: JestHasteMap;
_hasteFS: HasteFS;
_moduleCache: ModuleCache;
_moduleMap: ModuleMap;
_moduleResolver: ModuleResolver<Module, Package>;
_resolutionCache: Map<string, Map<string, Map<string, string>>>;

constructor({
  config,
  haste,
  initialHasteFS,
  initialModuleMap,
}: {
  +config: ConfigT,
  // $FlowFixMe[value-as-type]
  +haste: JestHasteMap,
  +initialHasteFS: HasteFS,
  +initialModuleMap: ModuleMap,
}) {
  super();
  this._config = config;
  this._haste = haste;
  this._hasteFS = initialHasteFS;
  this._moduleMap = initialModuleMap;
  this._assetExtensions = new Set(
    config.resolver.assetExts.map(asset => '!' + asset),
  );
  // $FlowFixMe[method-unbinding] added when improving typing for this parameters
  this._haste.on('change', this._onHasteChange.bind(this));
  this._resolutionCache = new Map();
  this._moduleCache = this._createModuleCache();
  this._createModuleResolver();
}

static _getIgnorePattern(config: ConfigT): RegExp {
  /*
   For now we support both blockList and blacklistRE options
  */
  const {blockList, blacklistRE} = config.resolver;

  const combine = regexes =>
    new RegExp(
      regexes
        .map(regex => '(' + regex.source.replace(/\\/g, path.sep) + ')')
        .join('|'),

```

```

);

// If `blacklistRE` is set - use it,
// if `blockList` is set - use it
const ignorePattern = blacklistRE || blockList;

// If neither option has been set, use default pattern
if (!ignorePattern) {
  return / ^/;
}

// If ignorePattern is an array, merge it into one
if (Array.isArray(ignorePattern)) {
  return combine(ignorePattern);
}

return ignorePattern;
}

// $FlowFixMe[value-as-type]
static _createHaste(config: ConfigT, watch?: boolean): JestHasteMap {
  const haste = new JestHasteMap({
    cacheDirectory: config.hasteMapCacheDirectory,
    dependencyExtractor: config.resolver.dependencyExtractor,
    computeSha1: true,
    extensions: config.resolver.sourceExts.concat(config.resolver.assetExts),
    forceNodeFilesystemAPI: !config.resolver.useWatchman,
    hasteImplModulePath: config.resolver.hasteImplModulePath,
    ignorePattern: this._getIgnorePattern(config),
    maxWorkers: config.maxWorkers,
    mocksPattern: "",
    name: 'metro-' + JEST_HASTE_MAP_CACHE_BREAKER,
    platforms: config.resolver.platforms,
    retainAllFiles: true,
    resetCache: config.resetCache,
    rootDir: config.projectRoot,
    roots: config.watchFolders,
    throwOnModuleCollision: true,
    useWatchman: config.resolver.useWatchman,
    watch: watch == null ? !ci.isCI : watch,
  });

  // We can have a lot of graphs listening to Haste for changes.
  // Bump this up to silence the max listeners EventEmitter warning.
  haste.setMaxListeners(1000);

  return haste;
}

```

```

static async load(
  config: ConfigT,
  options?: { |+hasReducedPerformance?: boolean, +watch?: boolean|},
): Promise<DependencyGraph> {
  const initializingMetroLogEntry = log(
    createActionStartEntry('Initializing Metro'),
  );

  config.reporter.update({
    type: 'dep_graph_loading',
    hasReducedPerformance: options
      ? Boolean(options.hasReducedPerformance)
      : false,
  });
  const haste = DependencyGraph._createHaste(
    config,
    options && options.watch,
  );
  const {hasteFS, moduleMap} = await haste.build();

  log(createActionEndEntry(initializingMetroLogEntry));
  config.reporter.update({ type: 'dep_graph_loaded' });

  return new DependencyGraph({
    haste,
    initialHasteFS: hasteFS,
    initialModuleMap: moduleMap,
    config,
  });
}

_getClosestPackage(filePath: string): ?string {
  const parsedPath = path.parse(filePath);
  const root = parsedPath.root;
  let dir = parsedPath.dir;
  do {
    const candidate = path.join(dir, 'package.json');
    if (this._hasteFS.exists(candidate)) {
      return candidate;
    }
    dir = path.dirname(dir);
  } while (dir !== '.' && dir !== root);
  return null;
}

_onHasteChange({eventsQueue, hasteFS, moduleMap}) {
  this._hasteFS = hasteFS;
}

```

```

this._resolutionCache = new Map();
this._moduleMap = moduleMap;
eventsQueue.forEach(({type, filePath}) =>
  this._moduleCache.processFileChange(type, filePath),
);
this._createModuleResolver();
this.emit('change');
}

_createModuleResolver() {
this._moduleResolver = new ModuleResolver({
  dirExists: (filePath: string) => {
    try {
      return fs.lstatSync(filePath).isDirectory();
    } catch (e) {}
    return false;
  },
  doesFileExist: this._doesFileExist,
  extraNodeModules: this._config.resolver.extraNodeModules,
  isAssetFile: file => this._assetExtensions.has(path.extname(file)),
  mainFields: this._config.resolver.resolverMainFields,
  moduleCache: this._moduleCache,
  moduleMap: this._moduleMap,
  nodeModulesPaths: this._config.resolver.nodeModulesPaths,
  preferNativePlatform: true,
  projectRoot: this._config.projectRoot,
  resolveAsset: (dirPath: string, assetName: string, extension: string) => {
    const basePath = dirPath + path.sep + assetName;
    const assets = [
      basePath + extension,
      ...this._config.resolver.assetResolutions.map(
        resolution => basePath + '@' + resolution + 'x' + extension,
      ),
    ].filter(candidate => this._hasteFS.exists(candidate));
    return assets.length ? assets : null;
  },
  resolveRequest: this._config.resolver.resolveRequest,
  sourceExts: this._config.resolver.sourceExts,
});
}

_createModuleCache() {
return new ModuleCache({
  // $FlowFixMe[method-unbinding] added when improving typing for this parameters
  getClosestPackage: this._getClosestPackage.bind(this),
});
}

```

```

getSha1(filename: string): string {
  // TODO If it looks like we're trying to get the sha1 from a file located
  // within a Zip archive, then we instead compute the sha1 for what looks
  // like the Zip archive itself.

  const splitIndex = filename.indexOf('.zip/');
  const containerName =
    splitIndex !== -1 ? filename.slice(0, splitIndex + 4) : filename;

  // TODO Calling realpath allows us to get a hash for a given path even when
  // it's a symlink to a file, which prevents Metro from crashing in such a
  // case. However, it doesn't allow Metro to track changes to the target file
  // of the symlink. We should fix this by implementing a symlink map into
  // Metro (or maybe by implementing those "extra transformation sources" we've
  // been talking about for stuff like CSS or WASM).

  const resolvedPath = fs.realpathSync(containerName);
  const sha1 = this._hasteFS.getSha1(resolvedPath);

  if (!sha1) {
    throw new ReferenceError(
      `SHA-1 for file ${filename} (${resolvedPath}) is not computed.
      Potential causes:
      1) You have symlinks in your project - watchman does not follow symlinks.
      2) Check \blockList\ in your metro.config.js and make sure it isn't excluding the file path.`
    );
  }

  return sha1;
}

// $FlowFixMe[value-as-type]
getWatcher(): JestHasteMap {
  return this._haste;
}

end() {
  this._haste.end();
}

resolveDependency(
  from: string,
  to: string,
  platform: string,
  { assumeFlatNodeModules }: { assumeFlatNodeModules: boolean } = {
    assumeFlatNodeModules: false,
  },
): string {

```

```

const isPath =
  to.includes('/') ||
  to === '.' ||
  to === '..' ||
  from.includes(path.sep + 'node_modules' + path.sep);
const mapByDirectory = getOrCreate(
  this._resolutionCache,
  isPath ? path.dirname(from) : "",
);
let mapByPlatform = getOrCreate(mapByDirectory, to);
let modulePath = mapByPlatform.get(platform);
if (!modulePath) {
  modulePath = this._moduleMap.getModule(to, platform, true);
}

if (!modulePath) {
  try {
    modulePath = this._moduleResolver.resolveDependency(
      this._moduleCache.getModule(from),
      to,
      true,
      platform,
    ).path;

    // If we cannot assume that only one node_modules folder exists in the project,
    // we need to cache packages by directory instead of globally.
    if (
      !assumeFlatNodeModules &&
      modulePath.includes(path.sep + 'node_modules' + path.sep)
    ) {
      mapByPlatform = getOrCreate(
        getOrCreate(this._resolutionCache, path.dirname(from)),
        to,
      );
    }
  } catch (error) {
    if (error instanceof DuplicateHasteCandidatesError) {
      throw new AmbiguousModuleResolutionError(from, error);
    }
    if (error instanceof InvalidPackageError) {
      throw new PackageResolutionError({
        packageError: error,
        originModulePath: from,
        targetModuleName: to,
      });
    }
    throw error;
  }
}

```

```

    }

    mapByPlatform.set(platform, modulePath);
    return modulePath;
  }

  _doesFileExist = (filePath: string): boolean => {
    return this._hasteFS.exists(filePath);
  };

  getHasteName(filePath: string): string {
    const hasteName = this._hasteFS.getModuleName(filePath);

    if (hasteName) {
      return hasteName;
    }

    return path.relative(this._config.projectRoot, filePath);
  }

  getDependencies(filePath: string): Array<string> {
    return this._hasteFS.getDependencies(filePath);
  }
}

```

module.exports = DependencyGraph;

Found in path(s):

* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/node-haste/DependencyGraph.js.flow

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*

* @flow strict

* @format

*/

'use strict';

function getPreludeCode({

extraVars,

isDev,

globalPrefix,

```

}): {
+extraVars?: {[string]: mixed, ...},
+isDev: boolean,
+globalPrefix: string,
}): string {
const vars = [
  `__BUNDLE_START_TIME__=this.nativePerformanceNow?nativePerformanceNow():Date.now()`,
  `__DEV__=${String(isDev)}`,
  ...formatExtraVars(extraVars),
  `process=this.process||{}`,
  `__METRO_GLOBAL_PREFIX__=${globalPrefix}`,
];
return `var ${vars.join(',')};${processEnv(
  isDev ? 'development' : 'production',
)}`;
}

const excluded = new Set(['__BUNDLE_START_TIME__', '__DEV__', 'process']);

function formatExtraVars(extraVars: ?{[string]: mixed, ...}): Array<string> {
  const assignments = [];

  for (const key in extraVars) {
    if (extraVars.hasOwnProperty(key) && !excluded.has(key)) {
      /* $FlowFixMe(>=0.95.0 site=react_native_fb) This comment suppresses an
      * error found when Flow v0.95 was deployed. To see the error, delete
      * this comment and run Flow. */
      assignments.push(`${key}=${JSON.stringify(extraVars[key])}`);
    }
  }

  return assignments;
}

function processEnv(nodeEnv: string): string {
  return `process.env=process.env||{};process.env.NODE_ENV=process.env.NODE_ENV||${JSON.stringify(
    nodeEnv,
  )}`;
}

module.exports = getPreludeCode;

Found in path(s):
* /opt/cola/permits/1235010787_1638334413.37/0/metro-0-66-2-tgz/package/src/lib/getPreludeCode.js.flow

```


1.456 @babel/plugin-transform-sticky-regex

7.16.7

1.456.1 Available under license :

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1.457 isomorphic-fetch 2.2.1

1.457.1 Available under license :

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isomorphic-fetch [![Build Status](https://travis-ci.org/matthew-andrews/isomorphic-fetch.svg?branch=master)](https://travis-ci.org/matthew-andrews/isomorphic-fetch)

=====

Fetch for node and Browserify. Built on top of [GitHub's WHATWG Fetch polyfill](https://github.com/github/fetch).

Warnings

- This adds `fetch` as a global so that its API is consistent between client and server.
- You must bring your own ES6 Promise compatible polyfill, I suggest [es6-promise](https://github.com/jakearchibald/es6-promise).

For [ease-of-maintenance and backward-compatibility reasons][why polyfill], this library will always be a polyfill. As a "safe" alternative, which does not modify the global, consider [fetch-ponyfill][].

[why polyfill]: <https://github.com/matthew-andrews/isomorphic-fetch/issues/31#issuecomment-149668361>

[fetch-ponyfill]: <https://github.com/qubyte/fetch-ponyfill>

Installation

NPM

```
```sh
npm install --save isomorphic-fetch es6-promise
```
```

Bower

```
```sh
bower install --save isomorphic-fetch es6-promise
```
```

Usage

```
```js
require('es6-promise').polyfill();
require('isomorphic-fetch');

fetch('//offline-news-api.herokuapp.com/stories')
 .then(function(response) {
 if (response.status >= 400) {
 throw new Error("Bad response from server");
 }
 return response.json();
 })
 .then(function(stories) {
 console.log(stories);
 });
```
```

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Found in path(s):

* /opt/cola/permits/1162011754_1620774811.96/0/fis-components-isomorphic-fetch-2-2-1-0-g4801b9c-1-tar-gz/fis-components-isomorphic-fetch-9599403/README.md

1.458 p-limit 2.3.0

1.458.1 Available under license :

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1.459 @react-native-community/cli 6.4.0

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1.460 @expo/json-file 8.2.33

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1.461 lodash-throttle 4.1.1

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1.462 @emotion/is-prop-valid 0.8.8

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1.463 expand-brackets 2.1.4

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1.464 @babel/helper-validator-identifier 7.16.7

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1.465 css-select 2.1.0

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1.466 metro-babel-transformer 0.66.2

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1.467 @react-native/normalize-color 1.0.0

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1.468 react-dom 17.0.1

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1.469 promise 8.1.0

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1.470 metro-transform-worker 0.66.2

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* /opt/cola/permits/1235011048_1638334375.39/0/metro-transform-worker-0-66-2-
tgz/package/src/utils/assetTransformer.js.flow
* /opt/cola/permits/1235011048_1638334375.39/0/metro-transform-worker-0-66-2-
tgz/package/src.real/utils/assetTransformer.js
```

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```
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tgz/package/src/__mocks__/index.js  
* /opt/cola/permits/1235011048_1638334375.39/0/metro-transform-worker-0-66-2-  
tgz/package/src.real/__mocks__/index.js
```

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```

Found in path(s):

```
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tgz/package/src/utils/getMinifier.js.flow  
* /opt/cola/permits/1235011048_1638334375.39/0/metro-transform-worker-0-66-2-tgz/package/src/index.js.flow  
* /opt/cola/permits/1235011048_1638334375.39/0/metro-transform-worker-0-66-2-tgz/package/src.real/index.js  
* /opt/cola/permits/1235011048_1638334375.39/0/metro-transform-worker-0-66-2-  
tgz/package/src.real/utils/getMinifier.js
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```
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tgz/package/src/utils/getMinifier.js  
* /opt/cola/permits/1235011048_1638334375.39/0/metro-transform-worker-0-66-2-tgz/package/src/index.js
```

```
* /opt/cola/permits/1235011048_1638334375.39/0/metro-transform-worker-0-66-2-  
tgz/package/src/utils/assetTransformer.js
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*
```

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* @emails oncall+metro_bundler
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```
* @flow strict-local
```

```
* @format
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1235011048_1638334375.39/0/metro-transform-worker-0-66-2-  
tgz/package/src.real/__tests__/index-test.js
```

1.471 pump 3.0.0

1.471.1 Available under license :

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1.472 gensync 1.0.0-beta.2

1.472.1 Available under license :

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1.473 metro-react-native-babel-preset 0.66.2

1.473.1 Available under license :

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 *
 * @format
 */
```

Found in path(s):

```
* /opt/cola/permits/1235010695_1638334418.9/0/metro-react-native-babel-preset-0-66-2-
tgz/package/src/passthrough-syntax-plugins.js
* /opt/cola/permits/1235010695_1638334418.9/0/metro-react-native-babel-preset-0-66-2-tgz/package/src/index.js
* /opt/cola/permits/1235010695_1638334418.9/0/metro-react-native-babel-preset-0-66-2-
tgz/package/src/configs/lazy-imports.js
* /opt/cola/permits/1235010695_1638334418.9/0/metro-react-native-babel-preset-0-66-2-
tgz/package/src/configs/hmr.js
* /opt/cola/permits/1235010695_1638334418.9/0/metro-react-native-babel-preset-0-66-2-
tgz/package/src/configs/main.js
```

1.474 encodeurl 1.0.2

1.474.1 Available under license :

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1.475 callsites 2.0.0

1.475.1 Available under license :

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1.476 requires-port 1.0.0

1.476.1 Available under license :

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1.477 lodash-template 4.5.0

1.477.1 Available under license :

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1.478 thenify 3.3.1

1.478.1 Available under license :

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1.479 @babel/template 7.16.7

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1.480 wrap-ansi 6.2.0

1.480.1 Available under license :

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1.481 metro-inspector-proxy 0.66.2

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 *
 * @flow
 * @format
 */
```

```
import type {
  Page,
  MessageFromDevice,
  MessageToDevice,
  DebuggerRequest,
  DebuggerResponse,
  SetBreakpointByUrlRequest,
  GetScriptSourceRequest,
  GetScriptSourceResponse,
} from './types';
import * as fs from 'fs';
import * as path from 'path';
import WS from 'ws';

const PAGES_POLLING_INTERVAL = 1000;
```

```

const debug = require('debug')('Metro:InspectorProxy');

// Android's stock emulator and other emulators such as genymotion use a standard localhost alias.
const EMULATOR_LOCALHOST_ADDRESSES: Array<string> = ['10.0.2.2', '10.0.3.2'];

// Prefix for script URLs that are alphanumeric IDs. See comment in _processMessageFromDevice method for
// more details.
const FILE_PREFIX = 'file://';

type DebuggerInfo = {
  // Debugger web socket connection
  socket: typeof WS,
  // If we replaced address (like '10.0.2.2') to localhost we need to store original
  // address because Chrome uses URL or urlRegex params (instead of scriptId) to set breakpoints.
  originalSourceURLAddress?: string,
  prependedFilePrefix: boolean,
  pageId: string,
  ...
};

const REACT_NATIVE_RELOADABLE_PAGE_ID = '-1';

/**
 * Device class represents single device connection to Inspector Proxy. Each device
 * can have multiple inspectable pages.
 */
class Device {
  // ID of the device.
  _id: number;

  // Name of the device.
  _name: string;

  // Package name of the app.
  _app: string;

  // Stores socket connection between Inspector Proxy and device.
  _deviceSocket: typeof WS;

  // Stores last list of device's pages.
  _pages: Array<Page>;

  // Stores information about currently connected debugger (if any).
  _debuggerConnection: ?DebuggerInfo = null;

  // Last known Page ID of the React Native page.
  // This is used by debugger connections that don't have PageID specified
  // (and will interact with the latest React Native page).

```

```

_lastConnectedReactNativePage: ?Page = null;

// Whether we are in the middle of a reload in the REACT_NATIVE_RELOADABLE_PAGE.
_isReloading: boolean = false;

// The previous "GetPages" message, for deduplication in debug logs.
_lastGetPagesMessage: string = "";

// Mapping built from scriptParsed events and used to fetch file content in `Debugger.getScriptSource`.
_scriptIdToSourcePathMapping: Map<string, string> = new Map();

// Root of the project used for relative to absolute source path conversion.
_projectRoot: string;

constructor(
  id: number,
  name: string,
  app: string,
  socket: typeof WS,
  projectRoot: string,
) {
  this._id = id;
  this._name = name;
  this._app = app;
  this._pages = [];
  this._deviceSocket = socket;
  this._projectRoot = projectRoot;

  this._deviceSocket.on('message', (message: string) => {
    const parsedMessage = JSON.parse(message);
    if (parsedMessage.event === 'getPages') {
      // There's a 'getPages' message every second, so only show them if they change
      if (message !== this._lastGetPagesMessage) {
        debug(
          '(Debugger) (Proxy) <- (Device), getPages ping has changed: ' +
            message,
        );
        this._lastGetPagesMessage = message;
      }
    } else {
      debug('(Debugger) (Proxy) <- (Device): ' + message);
    }
    this._handleMessageFromDevice(parsedMessage);
  });
  this._deviceSocket.on('close', () => {
    // Device disconnected - close debugger connection.
    if (this._debuggerConnection) {
      this._debuggerConnection.socket.close();
    }
  });
}

```

```

        this._debuggerConnection = null;
    }
});

this._setPagesPolling();
}

getName(): string {
    return this._name;
}

getPagesList(): Array<Page> {
    if (this._lastConnectedReactNativePage) {
        const reactNativeReloadablePage = {
            id: REACT_NATIVE_RELOADABLE_PAGE_ID,
            title: 'React Native Experimental (Improved Chrome Reloads)',
            vm: "don't use",
            app: this._app,
        };
        return this._pages.concat(reactNativeReloadablePage);
    } else {
        return this._pages;
    }
}

// Handles new debugger connection to this device:
// 1. Sends connect event to device
// 2. Forwards all messages from the debugger to device as wrappedEvent
// 3. Sends disconnect event to device when debugger connection socket closes.
handleDebuggerConnection(socket: typeof WS, pageId: string) {
    // Disconnect current debugger if we already have debugger connected.
    if (this._debuggerConnection) {
        this._debuggerConnection.socket.close();
        this._debuggerConnection = null;
    }

    const debuggerInfo = {
        socket,
        prependedFilePrefix: false,
        pageId,
    };
    this._debuggerConnection = debuggerInfo;

    debug(`Got new debugger connection for page ${pageId} of ${this._name}`);

    this._sendMessageToDevice({
        event: 'connect',
        payload: {

```

```

    pageId: this._mapToDevicePageId(pageId),
  },
});

socket.on('message', (message: string) => {
  debug('(Debugger) -> (Proxy) (Device): ' + message);
  const debuggerRequest = JSON.parse(message);
  const interceptedResponse = this._interceptMessageFromDebugger(
    debuggerRequest,
    debuggerInfo,
  );

  if (interceptedResponse) {
    socket.send(JSON.stringify(interceptedResponse));
  } else {
    this._sendMessageToDevice({
      event: 'wrappedEvent',
      payload: {
        pageId: this._mapToDevicePageId(pageId),
        wrappedEvent: JSON.stringify(debuggerRequest),
      },
    });
  }
});

socket.on('close', () => {
  debug(`Debugger for page ${pageId} and ${this._name} disconnected.`);
  this._sendMessageToDevice({
    event: 'disconnect',
    payload: {
      pageId: this._mapToDevicePageId(pageId),
    },
  });
  this._debuggerConnection = null;
});

const sendFunc = socket.send;
socket.send = function(message: string) {
  debug('(Debugger) <- (Proxy) (Device): ' + message);
  return sendFunc.call(socket, message);
};
}

// Handles messages received from device:
// 1. For getPages responses updates local _pages list.
// 2. All other messages are forwarded to debugger as wrappedEvent.
//
// In the future more logic will be added to this method for modifying
// some of the messages (like updating messages with source maps and file

```

```

// locations).
_handleMessageFromDevice(message: MessageFromDevice) {
  if (message.event === 'getPages') {
    this._pages = message.payload;

    // Check if device have new React Native page.
    // There is usually no more than 2-3 pages per device so this operation
    // is not expensive.
    // TODO(hypuk): It is better for VM to send update event when new page is
    // created instead of manually checking this on every getPages result.
    for (let i = 0; i < this._pages.length; ++i) {
      if (this._pages[i].title.indexOf('React') >= 0) {
        if (this._pages[i].id !== this._lastConnectedReactNativePage?.id) {
          this._newReactNativePage(this._pages[i]);
          break;
        }
      }
    }
  }
  } else if (message.event === 'disconnect') {
    // Device sends disconnect events only when page is reloaded or
    // if debugger socket was disconnected.
    const pageId = message.payload.pageId;
    const debuggerSocket = this._debuggerConnection
      ? this._debuggerConnection.socket
      : null;
    if (debuggerSocket && debuggerSocket.readyState === WS.OPEN) {
      if (
        this._debuggerConnection !== null &&
        this._debuggerConnection.pageId !== REACT_NATIVE_RELOADABLE_PAGE_ID
      ) {
        debug(`Page ${pageId} is reloading.`);
        debuggerSocket.send(JSON.stringify({method: 'reload'}));
      }
    }
  }
  } else if (message.event === 'wrappedEvent') {
    if (this._debuggerConnection === null) {
      return;
    }
  }

  // FIXME: Is it possible that we received message for pageID that does not
  // correspond to current debugger connection?

  const debuggerSocket = this._debuggerConnection.socket;
  if (debuggerSocket === null || debuggerSocket.readyState !== WS.OPEN) {
    // TODO(hypuk): Send error back to device?
    return;
  }
}

```

```

const parsedPayload = JSON.parse(message.payload.wrappedEvent);

if (this._debuggerConnection) {
  // Wrapping just to make flow happy :)
  this._processMessageFromDevice(parsedPayload, this._debuggerConnection);
}

const messageToSend = JSON.stringify(parsedPayload);
debuggerSocket.send(messageToSend);
}
}

// Sends single message to device.
_sendMessageToDevice(message: MessageToDevice) {
  try {
    if (message.event !== 'getPages') {
      debug('(Debugger) (Proxy) -> (Device): ' + JSON.stringify(message));
    }
    this._deviceSocket.send(JSON.stringify(message));
  } catch (error) {}
}

// Sends 'getPages' request to device every PAGES_POLLING_INTERVAL milliseconds.
_setPagesPolling() {
  setInterval(
    () => this._sendMessageToDevice({event: 'getPages'}),
    PAGES_POLLING_INTERVAL,
  );
}

// We received new React Native Page ID.
_newReactNativePage(page: Page) {
  debug(`React Native page updated to ${page.id}`);
  if (
    this._debuggerConnection == null ||
    this._debuggerConnection.pageId !== REACT_NATIVE_RELOADABLE_PAGE_ID
  ) {
    // We can just remember new page ID without any further actions if no
    // debugger is currently attached or attached debugger is not
    // "Reloadable React Native" connection.
    this._lastConnectedReactNativePage = page;
    return;
  }
  const oldPageId = this._lastConnectedReactNativePage?.id;
  this._lastConnectedReactNativePage = page;
  this._isReloading = true;

  // We already had a debugger connected to React Native page and a

```



```

// new one appeared - in this case we need to emulate execution context
// destroy and resend Debugger.enable and Runtime.enable commands to new
// page.

if (oldPageId != null) {
  this._sendMessageToDevice({
    event: 'disconnect',
    payload: {
      pageId: oldPageId,
    },
  });
}

this._sendMessageToDevice({
  event: 'connect',
  payload: {
    pageId: page.id,
  },
});

const toSend = [
  {method: 'Runtime.enable', id: 1e9},
  {method: 'Debugger.enable', id: 1e9},
];

for (const message of toSend) {
  this._sendMessageToDevice({
    event: 'wrappedEvent',
    payload: {
      pageId: this._mapToDevicePageId(page.id),
      wrappedEvent: JSON.stringify(message),
    },
  });
}
}

// Allows to make changes in incoming message from device.
_processMessageFromDevice(
  payload: {method: string, params: {sourceMapURL: string, url: string}},
  debuggerInfo: DebuggerInfo,
) {
  // Replace Android addresses for scriptParsed event.
  if (payload.method === 'Debugger.scriptParsed') {
    const params = payload.params || {};
    if ('sourceMapURL' in params) {
      for (let i = 0; i < EMULATOR_LOCALHOST_ADDRESSES.length; ++i) {
        const address = EMULATOR_LOCALHOST_ADDRESSES[i];
        if (params.sourceMapURL.indexOf(address) >= 0) {

```

```

    payload.params.sourceMapURL = params.sourceMapURL.replace(
      address,
      'localhost',
    );
    debuggerInfo.originalSourceURLAddress = address;
  }
}
}
if ('url' in params) {
  for (let i = 0; i < EMULATOR_LOCALHOST_ADDRESSES.length; ++i) {
    const address = EMULATOR_LOCALHOST_ADDRESSES[i];
    if (params.url.indexOf(address) >= 0) {
      payload.params.url = params.url.replace(address, 'localhost');
      debuggerInfo.originalSourceURLAddress = address;
    }
  }

  // Chrome doesn't download source maps if URL param is not a valid
  // URL. Some frameworks pass alphanumeric script ID instead of URL which causes
  // Chrome to not download source maps. In this case we want to prepend script ID
  // with 'file://' prefix.
  if (payload.params.url.match(/^[0-9a-z]+$\/)) {
    payload.params.url = FILE_PREFIX + payload.params.url;
    debuggerInfo.prependedFilePrefix = true;
  }

  if (params.scriptId != null) {
    this._scriptIdToSourcePathMapping.set(params.scriptId, params.url);
  }
}

if (debuggerInfo.pageId == REACT_NATIVE_RELOADABLE_PAGE_ID) {
  // Chrome won't use the source map unless it appears to be new.
  if (payload.params.sourceMapURL) {
    payload.params.sourceMapURL +=
      '&cachePrevention=' + this._mapToDevicePageId(debuggerInfo.pageId);
  }
  if (payload.params.url) {
    payload.params.url +=
      '&cachePrevention=' + this._mapToDevicePageId(debuggerInfo.pageId);
  }
}

if (
  payload.method === 'Runtime.executionContextCreated' &&
  this._isReloading
) {

```

```

// The new context is ready. First notify Chrome that we've reloaded so
// it'll resend its breakpoints. If we do this earlier, we may not be
// ready to receive them.
debuggerInfo.socket.send(
  JSON.stringify({method: 'Runtime.executionContextsCleared'}),
);

// The VM starts in a paused mode. Ask it to resume.
// Note that if setting breakpoints in early initialization functions,
// there's a currently race condition between these functions executing
// and Chrome re-applying the breakpoints due to the message above.
//
// This is not an issue in VSCode/Nuclide where the IDE knows to resume
// at its convenience.
this._sendMessageToDevice({
  event: 'wrappedEvent',
  payload: {
    pageId: this._mapToDevicePageId(debuggerInfo.pageId),
    wrappedEvent: JSON.stringify({method: 'Debugger.resume', id: 0}),
  },
});

this._isReloading = false;
}
}

// Allows to make changes in incoming messages from debugger.
_interceptMessageFromDebugger(
  req: DebuggerRequest,
  debuggerInfo: DebuggerInfo,
): ?DebuggerResponse {
  let response = null;
  if (req.method === 'Debugger.setBreakpointByUrl') {
    this._processDebuggerSetBreakpointByUrl(req, debuggerInfo);
  } else if (req.method === 'Debugger.getScriptSource') {
    response = {
      id: req.id,
      result: this._processDebuggerGetScriptSource(req),
    };
  }
  return response;
}

_processDebuggerSetBreakpointByUrl(
  req: SetBreakpointByUrlRequest,
  debuggerInfo: DebuggerInfo,
) {
  // If we replaced Android emulator's address to localhost we need to change it back.

```

```

if (debuggerInfo.originalSourceURLAddress) {
  if (req.params.url) {
    req.params.url = req.params.url.replace(
      'localhost',
      debuggerInfo.originalSourceURLAddress,
    );

    if (
      req.params.url &&
      req.params.url.startsWith(FILE_PREFIX) &&
      debuggerInfo.prependedFilePrefix
    ) {
      // Remove fake URL prefix if we modified URL in _processMessageFromDevice.
      req.params.url = req.params.url.slice(FILE_PREFIX.length);
    }
  }
  if (req.params.urlRegex) {
    req.params.urlRegex = req.params.urlRegex.replace(
      /localhost/g,
      debuggerInfo.originalSourceURLAddress,
    );
  }
}

_processDebuggerGetScriptSource(
  req: GetScriptSourceRequest,
): GetScriptSourceResponse {
  let scriptSource = `Source for script with id '${req.params.scriptId}' was not found.`;

  const pathToSource = this._scriptIdToSourcePathMapping.get(
    req.params.scriptId,
  );
  if (pathToSource) {
    try {
      scriptSource = fs.readFileSync(
        path.resolve(this._projectRoot, pathToSource),
        'utf8',
      );
    } catch (err) {
      scriptSource = err.message;
    }
  }

  return {
    scriptSource,
  };
}

```

```

_mapToDevicePageId(pageId: string): string {
  if (
    pageId === REACT_NATIVE_RELOADABLE_PAGE_ID &&
    this._lastConnectedReactNativePage != null
  ) {
    return this._lastConnectedReactNativePage.id;
  } else {
    return pageId;
  }
}
}
}

```

```
module.exports = Device;
```

Found in path(s):

```
* /opt/cola/permits/1235010571_1638334437.45/0/metro-inspector-proxy-0-66-2-tgz/package/src/Device.js.flow
```

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```
/**
```

```
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```

```
*
```

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```

```
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```

```
*
```

```
* @flow
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
const InspectorProxy = require('./InspectorProxy');
```

```
// Runs new HTTP Server and attaches Inspector Proxy to it.
```

```
// Requires are inlined here because we don't want to import them
```

```
// when someone needs only InspectorProxy instance (without starting
```

```
// new HTTP server).
```

```
function runInspectorProxy(port: number, projectRoot: string) {
```

```
  const inspectorProxy = new InspectorProxy(projectRoot);
```

```
  const app = require('connect')();
```

```
  // $FlowFixMe[method-unbinding] added when improving typing for this parameters
```

```
  app.use(inspectorProxy.processRequest.bind(inspectorProxy));
```

```
  const httpServer = require('http').createServer(app);
```

```
  httpServer.listen(port, '127.0.0.1', () => {
```

```
    inspectorProxy.addWebSocketListener(httpServer);
```

```
  });
```

```
}
```

```
module.exports = {InspectorProxy, runInspectorProxy};
```

Found in path(s):

```
* /opt/cola/permits/1235010571_1638334437.45/0/metro-inspector-proxy-0-66-2-tgz/package/src/index.js.flow
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```
*
```

```
*
```

```
* @format
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1235010571_1638334437.45/0/metro-inspector-proxy-0-66-2-tgz/package/src/cli.js
```

```
* /opt/cola/permits/1235010571_1638334437.45/0/metro-inspector-proxy-0-66-2-tgz/package/src/index.js
```

```
* /opt/cola/permits/1235010571_1638334437.45/0/metro-inspector-proxy-0-66-2-tgz/package/src/InspectorProxy.js
```

```
* /opt/cola/permits/1235010571_1638334437.45/0/metro-inspector-proxy-0-66-2-tgz/package/src/types.js
```

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*
```

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```

```
*
```

```
* @flow
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
// Page information received from the device. New page is created for
```

```
// each new instance of VM and can appear when user reloads React Native
```

```
// application.
```

```
export type Page = {
```

```
  id: string,
```

```
  title: string,
```

```
  vm: string,
```

```
  app: string,
```

```
  ...
```

```
};
```

```
// Chrome Debugger Protocol message/event passed between device and debugger.
```

```

export type WrappedEvent = {
  event: 'wrappedEvent',
  payload: {
    pageId: string,
    wrappedEvent: string,
    ...
  },
  ...
};

// Request sent from Inspector Proxy to Device when new debugger is connected
// to particular page.
export type ConnectRequest = {
  event: 'connect',
  payload: {pageId: string, ...},
  ...
};

// Request sent from Inspector Proxy to Device to notify that debugger is
// disconnected.
export type DisconnectRequest = {
  event: 'disconnect',
  payload: {pageId: string, ...},
  ...
};

// Request sent from Inspector Proxy to Device to get a list of pages.
export type GetPagesRequest = {event: 'getPages', ...};

// Response to GetPagesRequest containing a list of page infos.
export type GetPagesResponse = {
  event: 'getPages',
  payload: Array<Page>,
  ...
};

// Union type for all possible messages sent from device to Inspector Proxy.
export type MessageFromDevice =
  | GetPagesResponse
  | WrappedEvent
  | DisconnectRequest;

// Union type for all possible messages sent from Inspector Proxy to device.
export type MessageToDevice =
  | GetPagesRequest
  | WrappedEvent
  | ConnectRequest
  | DisconnectRequest;

```

```

// Page description object that is sent in response to /json HTTP request from debugger.
export type PageDescription = {
  id: string,
  description: string,
  title: string,
  faviconUrl: string,
  devtoolsFrontendUrl: string,
  type: string,
  websocketDebuggerUrl: string,
  ...
};
export type JsonPagesListResponse = Array<PageDescription>;

// Response to /json/version HTTP request from the debugger specifying browser type and
// Chrome protocol version.
export type JsonVersionResponse = {
  Browser: string,
  'Protocol-Version': string,
  ...
};

/**
 * Types were exported from https://github.com/ChromeDevTools/devtools-protocol/blob/master/types/protocol.d.ts
 */

export type SetBreakpointByUrlRequest = {
  id: number,
  method: 'Debugger.setBreakpointByUrl',
  params: {
    lineNumber: number,
    url?: string,
    urlRegex?: string,
    scriptHash?: string,
    columnNumber?: number,
    condition?: string,
  },
};

export type SetBreakpointByUrlResponse = {
  breakpointId: string,
  locations: {
    scriptId: string,
    lineNumber: number,
    columnNumber?: number,
  }[],
};

```



```
export type GetScriptSourceRequest = {
  id: number,
  method: 'Debugger.getScriptSource',
  params: {
    scriptId: string,
  },
};
```

```
export type GetScriptSourceResponse = {
  scriptSource: string,
  /**
   * Wasm bytecode.
   */
  bytecode?: string,
};
```

```
export type DebuggerRequest =
  | SetBreakpointByUrlRequest
  | GetScriptSourceRequest;
```

```
export type DebuggerResponse = {
  id: number,
  result: SetBreakpointByUrlResponse | GetScriptSourceResponse,
};
```

Found in path(s):

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 *
 * @format
 */
// more details.
```

Found in path(s):

* /opt/cola/permits/1235010571_1638334437.45/0/metro-inspector-proxy-0-66-2-tgz/package/src/Device.js
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```
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*  
* @flow  
* @format  
*/
```

```
'use strict';
```

```
const yargs = require('yargs');
```

```
const {runInspectorProxy} = require('./index');
```

```
const argv = yargs  
.option('port', {  
  alias: 'p',  
  describe: 'port to run inspector proxy on',  
  type: 'number',  
  default: 8081,  
})  
.option('root', {  
  alias: 'r',  
  describe: 'root folder of metro project',  
  type: 'string',  
  default: '',  
}).argv;
```

```
runInspectorProxy((argv.port: any), (argv.root: any));
```

Found in path(s):

```
* /opt/cola/permits/1235010571_1638334437.45/0/metro-inspector-proxy-0-66-2-tgz/package/src/cli.js.flow  
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*  
* @flow  
* @format  
*/
```

```
'use strict';
```

```
const Device = require('./Device');
```

```
const WS = require('ws');
```

```
const debug = require('debug')('Metro:InspectorProxy');
```

```

const url = require('url');

import type {
  JsonPagesListResponse,
  JsonVersionResponse,
  Page,
  PageDescription,
} from './types';
import type {Server as HttpServer, IncomingMessage, ServerResponse} from 'http';
import type {Server as HttpsServer} from 'https';

const WS_DEVICE_URL = '/inspector/device';
const WS_DEBUGGER_URL = '/inspector/debug';
const PAGES_LIST_JSON_URL = '/json';
const PAGES_LIST_JSON_URL_2 = '/json/list';
const PAGES_LIST_JSON_VERSION_URL = '/json/version';

const INTERNAL_ERROR_CODE = 1011;

/**
 * Main Inspector Proxy class that connects JavaScript VM inside Android/iOS apps and JS debugger.
 */
class InspectorProxy {
  // Root of the project used for relative to absolute source path conversion.
  _projectRoot: string;

  // Maps device ID to Device instance.
  _devices: Map<number, Device>;

  // Internal counter for device IDs -- just gets incremented for each new device.
  _deviceCounter: number = 0;

  // We store server's address with port (like '127.0.0.1:8081') to be able to build URLs
  // (devtoolsFrontendUrl and websocketDebuggerUrl) for page descriptions. These URLs are used
  // by debugger to know where to connect.
  _serverAddressWithPort: string = "";

  constructor(projectRoot: string) {
    this._projectRoot = projectRoot;
    this._devices = new Map();
  }

  // Process HTTP request sent to server. We only respond to 2 HTTP requests:
  // 1. /json/version returns Chrome debugger protocol version that we use
  // 2. /json and /json/list returns list of page descriptions (list of inspectable apps).
  // This list is combined from all the connected devices.
  processRequest(
    request: IncomingMessage,

```

```

response: ServerResponse,
next: (?Error) => mixed,
) {
if (
request.url === PAGES_LIST_JSON_URL ||
request.url === PAGES_LIST_JSON_URL_2
) {
// Build list of pages from all devices.
let result = [];
Array.from(this._devices.entries()).forEach(
([deviceId: number, device: Device]) => {
result = result.concat(
device
.getPagesList()
.map((page: Page) =>
this._buildPageDescription(deviceId, device, page),
),
);
},
);

this._sendJsonResponse(response, result);
} else if (request.url === PAGES_LIST_JSON_VERSION_URL) {
this._sendJsonResponse(response, {
Browser: 'Mobile JavaScript',
'Protocol-Version': '1.1',
});
} else {
next();
}
}

// Adds websocket listeners to the provided HTTP/HTTPS server.
addWebSocketListener(server: HttpServer | HttpsServer) {
const {port} = server.address();
if (server.address().family === 'IPv6') {
this._serverAddressWithPort = `[::1]:${port}`;
} else {
this._serverAddressWithPort = `localhost:${port}`;
}
this._addDeviceConnectionHandler(server);
this._addDebuggerConnectionHandler(server);
}

// Converts page information received from device into PageDescription object
// that is sent to debugger.
_buildPageDescription(
deviceId: number,

```

```

device: Device,
page: Page,
): PageDescription {
  const debuggerUrl =
`${this._serverAddressWithPort}${WS_DEBUGGER_URL}?device=${deviceId}&page=${page.id}`;
  const websocketDebuggerUrl = 'ws://' + debuggerUrl;
  const devtoolsFrontendUrl =
  'chrome-devtools://devtools/bundled/inspector.html?experiments=true&v8only=true&ws=' +
  encodeURIComponent(debuggerUrl);
  return {
    id: `${deviceId}-${page.id}`,
    description: page.app,
    title: page.title,
    faviconUrl: 'https://reactjs.org/favicon.ico',
    devtoolsFrontendUrl,
    type: 'node',
    websocketDebuggerUrl,
    vm: page.vm,
  };
}

```

```

// Sends object as response to HTTP request.
// Just serializes object using JSON and sets required headers.

```

```

_sendJsonResponse(
  response: ServerResponse,
  object: JsonPagesListResponse | JsonVersionResponse,
) {
  const data = JSON.stringify(object, null, 2);
  response.writeHead(200, {
    'Content-Type': 'application/json; charset=UTF-8',
    'Cache-Control': 'no-cache',
    'Content-Length': data.length.toString(),
    Connection: 'close',
  });
  response.end(data);
}

```

```

// Adds websocket handler for device connections.
// Device connects to /inspector/device and passes device and app names as
// HTTP GET params.
// For each new websocket connection we parse device and app names and create
// new instance of Device class.

```

```

_addDeviceConnectionHandler(server: HttpServer | HttpsServer) {
  const wss = new WS.Server({
    server,
    path: WS_DEVICE_URL,
    perMessageDeflate: true,
  });
}

```

```

// $FlowFixMe[value-as-type]
wss.on('connection', async (socket: WS) => {
  try {
    const query = url.parse(socket.upgradeReq.url || "", true).query || {};
    const deviceName = query.name || 'Unknown';
    const appName = query.app || 'Unknown';
    const deviceId = this._deviceCounter++;
    this._devices.set(
      deviceId,
      new Device(deviceId, deviceName, appName, socket, this._projectRoot),
    );

    debug(`Got new connection: device=${deviceId}, app=${appName}`);

    socket.on('close', () => {
      this._devices.delete(deviceId);
      debug(`Device ${deviceName} disconnected.`);
    });
  } catch (e) {
    console.error('error', e);
    socket.close(INTERNAL_ERROR_CODE, e);
  }
});

// Adds websocket handler for debugger connections.
// Debugger connects to websocketDebuggerUrl that we return as part of page description
// in /json response.
// When debugger connects we try to parse device and page IDs from the query and pass
// websocket object to corresponding Device instance.
_addDebuggerConnectionHandler(server: HttpServer | HttpsServer) {
  const wss = new WS.Server({
    server,
    path: WS_DEBUGGER_URL,
    perMessageDeflate: false,
  });
  // $FlowFixMe[value-as-type]
  wss.on('connection', async (socket: WS) => {
    try {
      const query = url.parse(socket.upgradeReq.url || "", true).query || {};
      const deviceId = query.device;
      const pageId = query.page;

      if (deviceId == null || pageId == null) {
        throw new Error('Incorrect URL - must provide device and page IDs');
      }

      const device = this._devices.get(parseInt(deviceId, 10));

```

```
    if (device === null) {
      throw new Error('Unknown device with ID ' + deviceId);
    }

    device.handleDebuggerConnection(socket, pageId);
  } catch (e) {
    console.error(e);
    socket.close(INTERNAL_ERROR_CODE, e);
  }
});
}
}
```

module.exports = InspectorProxy;

Found in path(s):

```
* /opt/cola/permits/1235010571_1638334437.45/0/metro-inspector-proxy-0-66-2-
tgz/package/src/InspectorProxy.js.flow
```

1.482 @babel/plugin-proposal-export-default- from 7.16.7

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1.483 @babel/preset-flow 7.16.7

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1.484 lodash.isequal 4.5.0

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1.485 object-assign 4.1.1

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1.486 babel-plugin-transform-typescript

7.16.8

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1.487 extglob 2.0.4

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1.488 url-parse 1.5.10

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1.489 entities 2.2.0

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1.490 component-emitter 1.3.0

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1.491 @babel/plugin-transform-classes 7.16.7

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1.492 ee-first 1.1.1

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1.493 react-native-vector-icons 7.1.0

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1.494 copy-descriptor 0.1.1

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1.495 @sideway/pinpoint 2.0.0

1.495.1 Available under license :

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1.496 @babel/plugin-transform-new-target

7.16.7

1.496.1 Available under license :

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1.497 is-number 7.0.0

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1.498 snapdragon 0.8.2

1.498.1 Available under license :

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1.499 react-native-animatable 1.3.3

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1.500 @expo/plist 0.0.17

1.500.1 Available under license :

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{\n  next_child.ele(next ? 'true' : 'false');\n } else if (name == 'String') {\n  next_child.ele('string').txt(next);\n } else if (name == 'ArrayBuffer') {\n  next_child.ele('data').raw(base64.fromByteArray(next));\n } else if (next && next.buffer && type(next.buffer) == 'ArrayBuffer') {\n  // a typed array\n  next_child.ele('data').raw(base64.fromByteArray(new Uint8Array(next.buffer)));\n } }\n"]}
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* /opt/cola/permits/1287718144_1647270940.4/0/plist-0-0-17-tgz/package/build/build.js.map

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doc.documentElement.nodeName === 'plist',\n  'malformed document. First element should be <plist>\n );\n let
plist = parsePlistXML(doc.documentElement);\n\n // the root <plist> node gets interpreted as an Array,\n // so pull
out the inner data first\n if (plist.length === 1) plist = plist[0];\n\n return plist;\n}\n\n/**\n * Convert an XML based
plist document into a JSON representation.\n *\n * @param {Object} xml_node - current XML node in the plist\n *
@return {Mixed} built up JSON object\n * @api private\n */\n\nfunction parsePlistXML(node: { [key: string]: any
}): any {\n  let i, new_obj: { [key: string]: any }, key, new_arr: any[], res, counter;\n\n  if (!node) return null;\n\n  if
(node.nodeName === 'plist') {\n    new_arr = [];\n    if (isEmptyNode(node)) {\n      return new_arr;\n    }\n    for (i =
0; i < node.childNodes.length; i++) {\n      if (!shouldIgnoreNode(node.childNodes[i])) {\n
new_arr.push(parsePlistXML(node.childNodes[i]));\n      }\n    }\n    return new_arr;\n  } else if (node.nodeName
=== 'dict') {\n    new_obj = {};\n    key = null;\n    counter = 0;\n    if (isEmptyNode(node)) {\n      return new_obj;\n
    }\n    for (i = 0; i < node.childNodes.length; i++) {\n      if (shouldIgnoreNode(node.childNodes[i])) continue;\n
if (counter % 2 === 0) {\n      assert(node.childNodes[i].nodeName === 'key', 'Missing key while parsing
<dict/>');\n      key = parsePlistXML(node.childNodes[i]);\n      } else {\n      assert(\n
node.childNodes[i].nodeName !== 'key',\n      'Unexpected key \'' + parsePlistXML(node.childNodes[i]) + '\n
while parsing <dict/>.\n      );\n      new_obj[key] = parsePlistXML(node.childNodes[i]);\n      }\n      counter +=
1;\n    }\n    if (counter % 2 === 1) {\n      throw new Error('Missing value for \'' + key + '\n while parsing
<dict/>');\n    }\n    return new_obj;\n  } else if (node.nodeName === 'array') {\n    new_arr = [];\n    if
(isEmptyNode(node)) {\n      return new_arr;\n    }\n    for (i = 0; i < node.childNodes.length; i++) {\n      if
(!shouldIgnoreNode(node.childNodes[i])) {\n      res = parsePlistXML(node.childNodes[i]);\n      if (res !== null)
new_arr.push(res);\n      }\n    }\n    return new_arr;\n  } else if (node.nodeName === '#text') {\n    // TODO: what
should we do with text types? (CDATA sections)\n  } else if (node.nodeName === 'key') {\n    if
(isEmptyNode(node)) {\n      return ";\n    }\n    return node.childNodes[0].nodeValue;\n  } else if (node.nodeName
=== 'string') {\n    res = ";\n    if (isEmptyNode(node)) {\n      return res;\n    }\n    for (i = 0; i <
node.childNodes.length; i++) {\n      const type = node.childNodes[i].nodeType;\n      if (type === TEXT_NODE ||
type === CDATA_NODE) {\n      res += node.childNodes[i].nodeValue;\n      }\n    }\n    return res;\n  } else if
(node.nodeName === 'integer') {\n    assert(!isEmptyNode(node), 'Cannot parse \'' as integer.);\n    return
parseInt(node.childNodes[0].nodeValue, 10);\n  } else if (node.nodeName === 'real') {\n
assert(!isEmptyNode(node), 'Cannot parse \'' as real.);\n    res = ";\n    for (i = 0; i < node.childNodes.length; i++)
{\n      if (node.childNodes[i].nodeType === TEXT_NODE) {\n      res += node.childNodes[i].nodeValue;\n      }\n
    }\n    return parseFloat(res);\n  } else if (node.nodeName === 'data') {\n    res = ";\n    if (isEmptyNode(node)) {\n
return Buffer.from(res, 'base64');\n    }\n    for (i = 0; i < node.childNodes.length; i++) {\n      if
(node.childNodes[i].nodeType === TEXT_NODE) {\n      res += node.childNodes[i].nodeValue.replace(/\\s+/g,
");\n      }\n    }\n    return Buffer.from(res, 'base64');\n  } else if (node.nodeName === 'date') {\n
assert(!isEmptyNode(node), 'Cannot parse \'' as Date.);\n    return new Date(node.childNodes[0].nodeValue);\n  }
else if (node.nodeName === 'true') {\n    return true;\n  } else if (node.nodeName === 'false') {\n    return false;\n
}\n}\n\n}}

```

Found in path(s):

* /opt/cola/permits/1287718144_1647270940.4/0/plist-0-0-17-tgz/package/build/parse.js.map

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Found in path(s):

* /opt/cola/permits/1287718144_1647270940.4/0/plist-0-0-17-tgz/package/build/build.js

* /opt/cola/permits/1287718144_1647270940.4/0/plist-0-0-17-tgz/package/build/parse.js

1.501 signal-exit 3.0.7

1.501.1 Available under license :

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1.502 @babel/plugin-syntax-export-namespace-from 7.8.3

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1.503 compressible 2.0.18

1.503.1 Available under license :

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1.504 kind-of 6.0.3

1.504.1 Available under license :

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1.505 @babel/helper-skip-transparent-expression-wrappers 7.16.0

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1.506 regexpu-core 5.0.1

1.506.1 Available under license :

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1.507 abort-controller 3.0.0

1.507.1 Available under license :

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1.508 p-finally 1.0.0

1.508.1 Available under license :

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1.509 class-utils 0.3.6

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1.514 @emotion/unitless 0.7.5

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1.515 which 1.3.1

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1.516 source-map-support 0.5.21

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1.519 cnakazawa-watch 1.0.4

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1.521 babel-helper-create-class-features-plugin 7.17.6

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1.522 postcss-value-parser 4.2.0

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1.523 fragment-cache 0.2.1

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1.524 options 0.0.6

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```

Found in path(s):

```
* /opt/cola/permits/1161998034_1620776093.24/0/options-0-0-6-3-tgz/package/lib/options.js
```

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```
# options.js #
```

A very light-weight in-code option parsers for node.js.

Usage

```
``` js
var Options = require("options");

// Create an Options object
function foo(options) {
 var default_options = {
 foo : "bar"
 };

 // Create an option object with default value
 var opts = new Options(default_options);

 // Merge options
 opts = opts.merge(options);

 // Reset to default value
 opts.reset();

 // Copy selected attributes out
 var seled_att = opts.copy("foo");

 // Read json options from a file.
 opts.read("options.file"); // Sync
 opts.read("options.file", function(err){ // Async
 if(err){ // If error occurs
 console.log("File error.");
 }else{
 // No error
 }
 });

 // Attributes defined or not
 opts.isDefinedAndNonNull("foobar");
 opts.isDefined("foobar");
}
```

```

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* /opt/cola/permits/1161998034_1620776093.24/0/options-0-0-6-3-tgz/package/README.md

1.525 path-exists 3.0.0

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1.527 isobject 2.1.0

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1.528 react-native-gesture-handler 1.10.3

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1.529 @babel/preset-modules 0.1.5

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1.535 babel-plugin-syntax-optional-chaining

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1.542 expo-blur 10.0.3

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Found in path(s):

* /opt/cola/permits/1226617614_1636580597.82/0/expo-blur-10-0-3-

```
tgz/package/ios/EXBlur/EXBlurViewManager.m
* /opt/cola/permits/1226617614_1636580597.82/0/expo-blur-10-0-3-
tgz/package/ios/EXBlur/EXBlurViewManager.h
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```
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Found in path(s):

```
* /opt/cola/permits/1226617614_1636580597.82/0/expo-blur-10-0-3-tgz/package/ios/EXBlur/EXBlurView.m
* /opt/cola/permits/1226617614_1636580597.82/0/expo-blur-10-0-3-tgz/package/ios/EXBlur/EXBlurView.h
```

1.543 camelize 1.0.0

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1.545 babel-plugin-transform-property-literals

7.16.7

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1.555 @babel/plugin-transform-block-scoping

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1.559 @babel/helper-split-export-declaration

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1.561 d3-interpolate-path 2.0.0

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1.563 @babel/plugin-transform-react-jsx

7.17.3

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1.564 color-name 1.1.3

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1.565 has-ansi 2.0.0

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1.566 string_decoder 1.1.1

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1.567 glob-parent 6.0.2

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1.568 prepend-http 2.0.0

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1.569 string-width 4.2.3

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1.570 define-property 0.2.5

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1.571 ts-interface-checker 0.1.13

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1.572 @expo/spawn-async 1.5.0

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1.573 d3-format 1.4.5

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1.575 d3-array 1.2.4

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1.577 babel-helper-create-regexp-features-plugin 7.17.0

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1.578 base 0.11.2

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1.579 ws 6.2.2

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1.580 @babel/plugin-transform-for-of 7.16.7

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1.581 set-blocking 2.0.0

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1.584 @babel/plugin-transform-literals 7.16.7

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1.587 emoji-regex 8.0.0

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1.588 mimic-fn 1.2.0

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1.589 @babel/plugin-proposal-logical-assignment-operators 7.16.7

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1.590 @babel/plugin-transform-modules-commonjs 7.16.8

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* /opt/cola/permits/1162002052_1620777237.16/0/matthew-andrews-denodeify-v1-2-1-0-ge500054-1-tar-gz/matthew-andrews-denodeify-d12b44b/README.md

1.592 utils-merge 1.0.1

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1.595 union-value 1.0.1

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1.596 shell-quote 1.7.3

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1.597 at-least-node 1.0.0

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1.598 hoist-non-react-statics 3.3.2

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1.599 @babel/plugin-transform-unicode-escapes 7.16.7

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1.600 color 3.2.1

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1.603 pirates 4.0.5

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1.604 react-refresh 0.4.3

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1.605 react-is 16.13.1

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1.606 @babel/plugin-proposal-private-property-in-object 7.16.7

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1.607 @babel/core 7.17.5

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1.608 compare-urls 2.0.0

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1.609 @react-native-community/cli-plugin-metro 6.4.0

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1.611 @expo/config 6.0.18

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1.614 camelcase 5.3.1

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1.617 @babel/plugin-syntax-logical-assignment-operators 7.10.4

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1.618 types-invariant 2.2.35

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1.619 xmlhttprequest 1.8.0

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1.620 jest-get-type 26.3.0

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1.621 @babel/helper-module-imports 7.16.7

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1.622 repeat-string 1.6.1

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1.623 @babel/helpers 7.17.2

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1.624 verror 1.10.0

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1.625 jest-react-native 18.0.0

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1162009038_1620774024.99/0/jest-react-native-18-0-0-tgz/package/build/index.js
```

1.626 unicode-match-property-ecmascript 2.0.0

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1.628 @expo/json-file 8.2.34

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1.629 color-name 1.1.4

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1.630 semver 5.7.1

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1.631 split-on-first 1.1.0

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1.632 xml 1.6.11

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1.633 big-integer 1.6.51

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1.634 walker 1.0.8

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1.635 json5 1.0.1

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1.636 types-istanbul-lib-coverage 2.0.4

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1.637 **sucrase 3.20.3**

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1.638 **@react-native-picker/picker 1.16.8**

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1.639 concat-map 0.0.1

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1.640 anymatch 3.1.2

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1.641 @babel/helper-validator-option 7.16.7

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1.642 node-fetch 2.6.2

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1.643 extsprintf 1.3.0

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1.644 commander 2.20.3

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1.645 locate-path 3.0.0

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1.646 ob1 0.66.2

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 * @flow strict-local
 * @format
 */

'use strict';

/* eslint-disable no-redeclare */

// A type representing 0-based offsets.
export opaque type Number0 = number;
// A type representing 1-based offsets.
export opaque type Number1 = number;

// Add two offsets or numbers.
declare function add(a: Number1, b: number): Number1;
declare function add(a: number, b: Number1): Number1;
declare function add(a: Number0, b: number): Number0;
declare function add(a: number, b: Number0): Number0;
declare function add(a: Number1, b: Number0): Number1;
declare function add(a: Number0, b: Number1): Number1;
declare function add(a: Number0, b: Number0): Number0;

function add(a: number, b: number): number {
  return a + b;
}

// Subtract a number or 0-based offset from a 1/0-based offset.
declare function sub(a: Number1, b: number): Number1;
declare function sub(a: Number0, b: number): Number0;
declare function sub(a: number, b: Number0): Number0;
declare function sub(a: Number0, b: number): Number0;
declare function sub(a: Number1, b: Number0): Number1;
declare function sub(a: Number0, b: Number0): Number0;
declare function sub(a: Number1, b: Number1): Number0;

function sub(a: number, b: number): number {
  return a - b;
}
```

```

// Get the underlying number of a 0-based offset, casting away the opaque type.
declare function get0(x: Number0): number;
declare function get0(x: void | null): void | null;
function get0(x: number): number {
  return x;
}

// Get the underlying number of a 1-based offset, casting away the opaque type.
declare function get1(x: Number1): number;
declare function get1(x: void | null): void | null;
function get1(x: number): number {
  return x;
}

// Add 1 to a 0-based offset, thus converting it to 1-based.
function add1(x: Number0 | number): Number1 {
  return x + 1;
}

// Subtract 1 from a 1-based offset, thus converting it to 0-based.
function sub1(x: Number1): Number0 {
  return x - 1;
}

// Negate a 0-based offset.
function neg(x: Number0): Number0 {
  return -x;
}

// Cast a number to a 0-based offset.
function add0(x: number): Number0 {
  return x;
}

// Increment a 0-based offset.
declare function inc(a: Number0): Number0;
// Increment a 1-based offset.
declare function inc(a: Number1): Number1;

function inc(x: number): number {
  return x + 1;
}

module.exports = { add, get0, get1, add1, sub1, sub, neg, add0, inc };

```

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 * @flow strict-local
 * @format
 * @emails oncall+metro_bundler
 */
```

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 */
```

Found in path(s):

* /opt/cola/permits/1235010941_1638334428.51/0/ob1-0-66-2-tgz/package/src/ob1.js

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```
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 *
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 *
 *
 * @format
 * @emails oncall+metro_bundler
 */
```

Found in path(s):

* /opt/cola/permits/1235010941_1638334428.51/0/ob1-0-66-2-tgz/package/src/__flowtests__/ob1-flowtest.js

1.647 expo-modules-autolinking 0.5.5

1.647.1 Available under license :

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```
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```

Found in path(s):

```
* /opt/cola/permits/1255330541_1642547374.74/0/expo-modules-autolinking-0-5-5-tgz/package/scripts/ios/react_import_patcher.rb
```

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```
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```

Found in path(s):

```
* /opt/cola/permits/1255330541_1642547374.74/0/expo-modules-autolinking-0-5-5-tgz/package/src/ReactImportsPatcher.ts
```

```
* /opt/cola/permits/1255330541_1642547374.74/0/expo-modules-autolinking-0-5-5-tgz/package/build/ReactImportsPatcher.js
```

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```
{ "version": 3, "file": "ReactImportsPatcher.js", "sourceRoot": "", "sources": [ "../src/ReactImportsPatcher.ts" ], "names": [], "mappings": ";AAAA,8DAA8D;;;;;AAE9D,0DAA6B;AAC7B,wDAA0B;AAC1B,gDAAwB;AAIxB;;;GAIG;AAC I,KA AK,UAAU,sBAAsB,CAAC,IAAc,EAAE,OAAiC;IAC5F,MAAM,SAAS,GAAG,MAAM,2BAA2B,CACjD,c AAI,CAAC,IAAI,CAAC,OAAO,CAAC,QAAQ,EAAE,SAAS,EAAE,QAAQ,EAAE,YAAY,EAAE,OAAO,CAAC, CACxE,CAAC;IACF,MAAM,OAAO,CAAC,GAAG,CAAC,IAAI,CAAC,GAAG,CAAC,CAAC,GAAG,EAAE,EA AE,CAAC,aAAa,CAAC,SAAS,EAAE,GAAG,EAAE,OAAO,CAAC,MAAM,CAAC,CAAC,CAAC,CAAC;AACtF ,CAAC;AALD,wDAKC;AAED;;GAEG;AACH,KA AK,UAAU,2BAA2B,CAAC,cAAsB;IAC/D,MAAM,KA AK,G AAG,MAAM,IAAA,mBA AI,EAAC,KA AK,EAAE,EAAE,GAAG,EAAE,cAAc,EAAE,CAAC,CAAC;IACzD,OA AO,IAAI,GAAG,CAAC,KA AK,CAAC,CAAC;AACxB,CAAC;AAED;;;;;GAKG;AACI,KA AK,UAAU,cAAc,CA AC,SAAsB,EAAE,IAAY,EAAE,MAAe;IACxF,IAAI,OAAO,GAAG,KA AK,CAAC;IACpB,MAAM,OAAO,GAA G,MAAM,kBA AE,CAAC,QAAQ,CAAC,IAAI,EAAE,OAAO,CAAC,CAAC;IACjD,IAAI,gBAAgB,GAAG,OAA O,CAAC,OAAO,CACpC,sBAAsB,EACtB,CAAC,KAAa,EAAE,UAAkB,EAAU,EAAE;QAC5C,2DAA2D;QAC3 D,IAAI,SAAS,CAAC,GAAG,CAAC,UAAU,CAAC,EAAE;YAC7B,OAAO,GAAG,IAAI,CAAC;YACf,OAAO,kB AAKB,UAAU,GAAG,CAAC;SACxC;QAED,iEAAiE;QACjE,IAAI,UAAU,CAAC,UAAU,CAAC,QAAQ,CAAC, EAAE;YACnC,MAAM,IAAI,GAAG,UAAU,CAAC,SAAS,CAAC,CAAC,CAAC,CAAC;YACrC,IAAI,SAAS,CA AC,GAAG,CAAC,IAAI,CAAC,EAAE;gBACvB,OAAO,GAAG,IAAI,CAAC;gBACf,OAAO,kBAAKB,IAAI,GAA G,CAAC;aACIC;SACF;QAED,oCAAoC;QACpC,OAAO,KA AK,CAAC;IACf,CAAC,CACF,CAAC;IAEF,gBAAg B,GAAG,gBAAgB,CAAC,OAAO,CACzC,0CAA0C,EAC1C,CAAC,KAAa,EAAE,QAAgB,EAAE,UAAkB,EAAU ,EAAE;QAC9D,iFAAiF;QACjF,IAAI,SAAS,CAAC,GAAG,CAAC,UAAU,CAAC,EAAE;YAC7B,OAAO,GAAG, IAAI,CAAC;YACf,OAAO,IAAI,QAAQ,yBAAyB,UAAU,IAAI,CAAC;SAC5D;QAED,uFAAuF;QACvF,IAAI,U AAU,CAAC,UAAU,CAAC,QAAQ,CAAC,EAAE;YACnC,MAAM,IAAI,GAAG,UAAU,CAAC,SAAS,CAAC,CA AC,CAAC,CAAC;YACrC,IAAI,SAAS,CAAC,GAAG,CAAC,IAAI,CAAC,EAAE;gBACvB,OAAO,GAAG,IAAI, CAAC;gBACf,OAAO,IAAI,QAAQ,yBAAyB,IAAI,IAAI,CAAC;aACtD;SACF;QAED,oCAAoC;QACpC,OAAO, KA AK,CAAC;IACf,CAAC,CACF,CAAC;IAEF,IAAI,OAAO,EAAE;QACX,OAAO,CAAC,GAAG,CAAC,8BAA 8B,IAAI,EAAE,CAAC,CAAC;KACnD;IACD,IAAI,CAAC,MAAM,EAAE;QACX,MAAM,kBA AE,CAAC,SAAS, CAAC,IAAI,EAAE,gBAAgB,CAAC,CAAC;KAC5C;AACH,CAAC;AAvDD,wCAuDC;AAED;;;;;GAKG;AACH,
```

```

KAAK,UAAU,aAAa,CAAC,SAAsB,EAAE,GAAW,EAAE,MAAe;IAC/E,MAAM,KAAK,GAAG,MAAM,IAAA,
mBAAI,EAAC,eAAe,EAAE,EAAE,GAAG,EAAE,GAAG,EAAE,QAAQ,EAAE,IAAI,EAAE,CAAC,CAAC;IACx
E,OAAO,OAAO,CAAC,GAAG,CAAC,KAAK,CAAC,GAAG,CAAC,CAAC,IAAI,EAAE,EAAE,CAAC,cAAc,C
AAC,SAAS,EAAE,IAAI,EAAE,MAAM,CAAC,CAAC,CAAC,CAAC;AACnF,CAAC", "sourcesContent": ["//
Copyright 2018-present 650 Industries. All rights reserved.\n\nimport glob from 'fast-glob';\nimport fs from 'fs-
extra';\nimport path from 'path';\nimport { PatchReactImportsOptions } from './types';\n\n/**\n * Remove all
double-quoted react header imports\n * @param dirs target directories to patch\n * @param options
PatchReactImportsOptions\n */\nexport async function patchReactImportsAsync(dirs: string[], options:
PatchReactImportsOptions) {\n  const headerSet = await generateReactHeaderSetAsync(\n
path.join(options.podsRoot, 'Headers', 'Public', 'React-Core', 'React')\n );\n  await Promise.all(dirs.map((dir) =>
patchDirAsync(headerSet, dir, options.dryRun));\n})\n\n/**\n * Generate `React-Core` public header names as a set,
will transform necessary headers based on this set.\n */\nasync function
generateReactHeaderSetAsync(reactHeaderDir: string): Promise<Set<string>> {\n  const files = await glob('*.*', {
cwd: reactHeaderDir });\n  return new Set(files);\n}\n\n/**\n * Patch imports from a file\n * @param headerSet
prebuilt React-Core header set\n * @param file target patch file\n * @param dryRun true if not writing changes to
file\n */\nexport async function patchFileAsync(headerSet: Set<string>, file: string, dryRun: boolean) {\n  let
changed = false;\n  const content = await fs.readFile(file, 'utf-8');\n  let transformContent = content.replace(\n
/^#import\s+(\.+)"$/gm,\n  (match: string, headerName: string): string => {\n    // #import "RCTBridge.h" ->
`#import <React/RCTBridge.h>`\n    if (headerSet.has(headerName)) {\n      changed = true;\n      return
`#import <React/${headerName}>`; \n    } \n    // #import "React/RCTBridge.h" -> #import
<React/RCTBridge.h>\n    if (headerName.startsWith('React/')) {\n      const name = headerName.substring(6);\n
      if (headerSet.has(name)) {\n        changed = true;\n        return `#import <React/${name}>`; \n      } \n    } \n
    // Otherwise, return original import\n    return match;\n  } \n );\n\n  transformContent =
transformContent.replace(\n  /^#(if|elif)\s+__has_include\\(\\(\\.+\\)\\)"/gm,\n  (match: string, ifPrefix: string,
headerName: string): string => {\n    // #if __has_include("RCTBridge.h") -> #if
__has_include(<React/RCTBridge.h>)\n    if (headerSet.has(headerName)) {\n      changed = true;\n      return
`#${ifPrefix} __has_include(<React/${headerName}>)`; \n    } \n    // #if
__has_include("React/RCTBridge.h") -> #if __has_include(<React/RCTBridge.h>)\n    if
(headerName.startsWith('React/')) {\n      const name = headerName.substring(6);\n      if (headerSet.has(name))
{\n        changed = true;\n        return `#${ifPrefix} __has_include(<React/${name}>)`; \n      } \n    } \n
    // Otherwise, return original import\n    return match;\n  } \n );\n\n  if (changed) {\n    console.log(` Patching imports
for file: ${file}`);\n  } \n  if (!dryRun) {\n    await fs.writeFile(file, transformContent);\n  } \n}\n\n/**\n * Patch
imports from a directory\n * @param headerSet prebuilt React-Core header set\n * @param file target patch file\n *
@param dryRun true if not writing changes to file\n */\nasync function patchDirAsync(headerSet: Set<string>, dir:
string, dryRun: boolean) {\n  const files = await glob('**/*.{h,m,mm}', { cwd: dir, absolute: true });\n  return
Promise.all(files.map((file) => patchFileAsync(headerSet, file, dryRun));\n)\n}

```

Found in path(s):

```

* /opt/cola/permits/1255330541_1642547374.74/0/expo-modules-autolinking-0-5-5-
tgz/package/build/ReactImportsPatcher.js.map

```

1.648 @react-navigation/native 5.4.0

1.648.1 Available under license :

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1.649 reset 0.1.0

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1.650 nodelib-fs-scandir 2.1.5

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1.651 node-stream-zip 1.15.0

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== dependency license: adm-zip ==

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1.652 regenerator-transform 0.14.5

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1.653 expo-keep-awake 10.0.2

1.653.1 Available under license :

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```
* /opt/cola/permits/1287718436_1647270909.31/0/expo-keep-awake-10-0-2-tgz/package/ios/EXKeepAwake/EXKeepAwake.h
```

```
* /opt/cola/permits/1287718436_1647270909.31/0/expo-keep-awake-10-0-2-tgz/package/ios/EXKeepAwake/EXKeepAwake.m
```

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Found in path(s):

```
* /opt/cola/permits/1287718436_1647270909.31/0/expo-keep-awake-10-0-2-tgz/package/android/src/main/java/expo/modules/keepawake/KeepAwakeModule.kt
```

1.654 react-native-web 0.17.1

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```

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```

```
*
```

```
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```

```
* LICENSE file in the root directory of this source tree.
```

```
*
```

```
* @flow
```

```
*/
```

```
declare export default function pick(obj: Object, list: {
```

```
  [string]: boolean
```

```
}): Object;
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/pick/index.js.flow
```

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```
/**
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 *
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 *
 * @flow
 */
declare class Alert {
  static alert(): any
}
export default Alert;
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/Alert/index.js.flow
```

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```
/**
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 *
 * @flow
 */
export type Touch = {
  force: number,
  identifier: number,
  // The locationX and locationY properties are non-standard additions
  locationX: any,
  locationY: any,
  pageX: number,
  pageY: number,
  target: any,
  // Touches in a list have a timestamp property
  timestamp: number,
};
export type TouchEvent = {
  altKey: boolean,
  ctrlKey: boolean,
  metaKey: boolean,
  shiftKey: boolean,
  // TouchList is an array in the Responder system
  changedTouches: Array<Touch>,
  force: number,
```

```

// React Native adds properties to the "nativeEvent that are usually only found on W3C Touches \_()\_/
identifier: number,
locationX: any,
locationY: any,
pageX: number,
pageY: number,
target: any,
// The timestamp has a lowercase "s" in the Responder system
timestamp: number,
// TouchList is an array in the Responder system
touches: Array<Touch>,
};
export const BLUR = 'blur';
export const CONTEXT_MENU = 'contextmenu';
export const FOCUS_OUT = 'focusout';
export const MOUSE_DOWN = 'mousedown';
export const MOUSE_MOVE = 'mousemove';
export const MOUSE_UP = 'mouseup';
export const MOUSE_CANCEL = 'dragstart';
export const TOUCH_START = 'touchstart';
export const TOUCH_MOVE = 'touchmove';
export const TOUCH_END = 'touchend';
export const TOUCH_CANCEL = 'touchcancel';
export const SCROLL = 'scroll';
export const SELECT = 'select';
export const SELECTION_CHANGE = 'selectionchange';
declare export function isStartish(eventType: mixed): boolean;
declare export function isMoveish(eventType: mixed): boolean;
declare export function isEndish(eventType: mixed): boolean;
declare export function isCancelish(eventType: mixed): boolean;
declare export function isScroll(eventType: mixed): boolean;
declare export function isSelectionChange(eventType: mixed): boolean;

```

Found in path(s):

```

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/useResponderEvents/ResponderEventTypes.js.flow

```

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```

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```

```

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```

```

*

```

```

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```

```

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```

```

*

```

```

* @flow strict

```

```

*/

```

Found in path(s):


```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/mergeRefs/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/Text/TextAncestorContext.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/modules/mergeRefs/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/exports/Text/TextAncestorContext.js
```

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```
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```

```
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```

```
*
```

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```

```
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```

```
*
```

```
* @noflow
```

```
*/
```

```
import UIManager from '../UIManager'; // NativeModules shim
```

```
const NativeModules = {
```

```
  UIManager
```

```
};
```

```
export default NativeModules;
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/NativeModules/index.js.flow
```

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```
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```

```
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```

```
*
```

```
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```

```
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```

```
*
```

```
* @flow strict
```

```
* @format
```

```
*/
```

```
import EventEmitter, { type IEventEmitter } from '../emitter/EventEmitter'; // FIXME: use typed events
```

```
type RCTDeviceEventDefinitions = $FlowFixMe;
```

```
/**
```

```
* Global EventEmitter used by the native platform to emit events to JavaScript.
```

```
* Events are identified by globally unique event names.
```

```
*
```

```
* NativeModules that emit events should instead subclass `NativeEventEmitter`.
```

```
*/
```

```
export default (new EventEmitter(): IEventEmitter<RCTDeviceEventDefinitions>);
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/NativeEventEmitter/RCTDeviceEventEmitter.js.flow
```

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```
/**
```

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```

```
*
```

```
*
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/processColor/index.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/AppRegistry/AppContainer.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/ReactNativePropRegistry.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/Dimensions/index.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Button/index.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/LayoutAnimation/index.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/AppState/index.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/ScrollResponder/index.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/Picker/PickerItem.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/BackHandler/index.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/SafeAreaView/index.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/I18nManager/index.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Modal/ModalAnimation.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Linking/index.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
```

tgz/package/dist/exports/RefreshControl/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/InteractionManager/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/exports/Button/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/Clipboard/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/ScrollView/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/AppRegistry/AppContainer.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Picker/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/PixelRatio/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/Picker/PickerItem.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/TextInputState/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/ActivityIndicator/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/processColor/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/exports/Linking/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/Dimensions/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/exports/StyleSheet/ReactNativePropRegistry.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/LayoutAnimation/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/Modal/ModalPortal.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/ScrollResponder/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/StyleSheet/flattenStyle.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/exports/Clipboard/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/BackHandler/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/exports/Modal/ModalAnimation.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/exports/Modal/ModalPortal.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/modules/TextInputState/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/exports/PixelRatio/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Modal/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/Platform/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/KeyboardAvoidingView/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/CheckBox/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/FlatList/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/useColorScheme/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/YellowBox/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/Vibration/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Text/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Modal/ModalContent.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/FlatList/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/Modal/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/useColorScheme/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/findNodeHandle/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/findNodeHandle/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Platform/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Appearance/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/AppRegistry/renderApplication.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/InteractionManager/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/AppRegistry/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/TextInput/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Vibration/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/View/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/Modal/ModalFocusTrap.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Keyboard/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/dist/exports/Manager/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/Modal/ModalFocusTrap.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/exports/Touchable/BoundingDimensions.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/unitlessNumbers/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/exports/Appearance/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Share/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/exports/Keyboard/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/YellowBox/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/Touchable/BoundingDimensions.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/modules/unitlessNumbers/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/exports/Modal/ModalContent.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/exports/StyleSheet/flattenStyle.js
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```
/**  
 * Copyright (c) Nicolas Gallagher.  
 * Copyright (c) Facebook, Inc. and its affiliates.  
 *  
 * This source code is licensed under the MIT license found in the  
 * LICENSE file in the root directory of this source tree.  
 *  
 * @flow  
 */
```

```
let clipboardAvailable;  
declare export default class Clipboard {  
  static isAvailable(): boolean,  
  static getString(): Promise<string>,  
  static setString(text: string): boolean,  
}
```

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/Clipboard/index.js.flow

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 *
```

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* LICENSE file in the root directory of this source tree.

*

* @flow

*/

```
const LogBox = {  
  ignoreLogs() {},
```

```
  ignoreAllLogs() {},
```

```
  uninstall() {},
```

```
  install() {}
```

```
};
```

```
export default LogBox;
```

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/LogBox/index.js.flow

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*

* @flow strict-local

*/

```
export const defaultProps = {
```

```
  children: true,
```

```
  dataSet: true,
```

```
  nativeID: true,
```

```
  ref: true,
```

```
  suppressHydrationWarning: true,
```

```
  testID: true
```

```
};
```

```
export const accessibilityProps = {
```

```
  accessibilityActiveDescendant: true,
```

```
  accessibilityAtomic: true,
```

```
  accessibilityAutoComplete: true,
```

```
  accessibilityBusy: true,
```

```
  accessibilityChecked: true,
```

```
  accessibilityColumnCount: true,
```

```
  accessibilityColumnIndex: true,
```

```
  accessibilityColumnSpan: true,
```

```
  accessibilityControls: true,
```

```
accessibilityCurrent: true,
accessibilityDescribedBy: true,
accessibilityDetails: true,
accessibilityDisabled: true,
accessibilityErrorMessage: true,
accessibilityExpanded: true,
accessibilityFlowTo: true,
accessibilityHasPopup: true,
accessibilityHidden: true,
accessibilityInvalid: true,
accessibilityKeyShortcuts: true,
accessibilityLabel: true,
accessibilityLabelledBy: true,
accessibilityLevel: true,
accessibilityLiveRegion: true,
accessibilityModal: true,
accessibilityMultiline: true,
accessibilityMultiSelectable: true,
accessibilityOrientation: true,
accessibilityOwns: true,
accessibilityPlaceholder: true,
accessibilityPosInSet: true,
accessibilityPressed: true,
accessibilityReadOnly: true,
accessibilityRequired: true,
accessibilityRole: true,
accessibilityRoleDescription: true,
accessibilityRowCount: true,
accessibilityRowIndex: true,
accessibilityRowSpan: true,
accessibilitySelected: true,
accessibilitySetSize: true,
accessibilitySort: true,
accessibilityValueMax: true,
accessibilityValueMin: true,
accessibilityValueNow: true,
accessibilityValueText: true,
dir: true,
focusable: true,
// Deprecated
accessible: true,
accessibilityState: true,
accessibilityValue: true
};
export const clickProps = {
  onClick: true,
  onClickCapture: true,
  onContextMenu: true
```

```
};
export const focusProps = {
  onBlur: true,
  onFocus: true
};
export const keyboardProps = {
  onKeyDown: true,
  onKeyDownCapture: true,
  onKeyUp: true,
  onKeyUpCapture: true
};
export const mouseProps = {
  onMouseDown: true,
  onMouseEnter: true,
  onMouseLeave: true,
  onMouseMove: true,
  onMouseOver: true,
  onMouseOut: true,
  onMouseUp: true
};
export const touchProps = {
  onTouchCancel: true,
  onTouchCancelCapture: true,
  onTouchEnd: true,
  onTouchEndCapture: true,
  onTouchMove: true,
  onTouchMoveCapture: true,
  onTouchStart: true,
  onTouchStartCapture: true
};
export const styleProps = {
  classList: true,
  style: true
};
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/forwardedProps/index.js.flow
```

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```
/**
```

```
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```

```
*
```

```
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```

```
* LICENSE file in the root directory of this source tree.
```

```
*
```

```
* @format
```

```
*
```


* @typecheck

*/

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/emitter/_EventEmitter.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/emitter/_EventEmitter.js

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*

* @flow

*/

```
const accessibilityRoleToWebRole = {
```

```
  adjustable: 'slider',
```

```
  button: 'button',
```

```
  header: 'heading',
```

```
  image: 'img',
```

```
  imagebutton: null,
```

```
  keyboardkey: null,
```

```
  label: null,
```

```
  link: 'link',
```

```
  none: 'presentation',
```

```
  search: 'search',
```

```
  summary: 'region',
```

```
  text: null
```

```
};
```

```
declare var propsToAriaRole: (arg0: {
```

```
  accessibilityRole?: string
```

```
}) => string | void;
```

```
export default propsToAriaRole;
```

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/AccessibilityUtil/propsToAriaRole.js.flow

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```
// React Native exposes these features as props and proprietary styles
```

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/Image/index.js

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```
/**
 * Adapts focus styles based on the user's active input modality (i.e., how
 * they are interacting with the UI right now).
 *
 * Focus styles are only relevant when using the keyboard to interact with the
 * page. If we only show the focus ring when relevant, we can avoid user
 * confusion without compromising accessibility.
 *
 * The script uses two heuristics to determine whether the keyboard is being used:
 *
 * 1. a keydown event occurred immediately before a focus event;
 * 2. a focus event happened on an element which requires keyboard interaction (e.g., a text field);
 *
 * This software or document includes material copied from or derived from https://github.com/WICG/focus-visible.
 * Copyright © 2018 W3C® (MIT, ERCIM, Keio, Beihang).
 * W3C Software Notice and License: https://www.w3.org/Consortium/Legal/2015/copyright-software-and-document
 *
 * @noflow
 */
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/modality.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/StyleSheet/modality.js
```

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 *
 * @flow
 */
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/Modal/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Text/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Appearance/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/Text/types.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
```

tgz/package/src/exports/AppRegistry/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/YellowBox/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/exports/I18nManager/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/exports/StyleSheet/flattenStyle.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/Dimensions/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/exports/Linking/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/Picker/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/AppRegistry/renderApplication.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/exports/Clipboard/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/exports/BackHandler/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/PixelRatio/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/Image/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/FlatList/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/modules/unitlessNumbers/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/SafeAreaView/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/exports/PixelRatio/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/Modal/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/AppRegistry/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/Image/types.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/modules/ScrollResponder/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/Modal/ModalPortal.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/Text/types.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/exports/Keyboard/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/exports/SafeAreaView/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/exports/Modal/ModalPortal.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/Button/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Keyboard/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Touchable/BoundingBox.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/LayoutAnimation/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/AppRegistry/AppContainer.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/useColorScheme/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/Modal/ModalFocusTrap.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Share/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/Touchable/BoundingBox.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/LayoutAnimation/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/modules/TextInputState/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/ActivityIndicator/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/ScrollResponder/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Modal/ModalAnimation.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/InteractionManager/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/processColor/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/View/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Linking/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/Share/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/Image/types.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/Modal/ModalAnimation.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/View/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/useColorScheme/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Modal/ModalFocusTrap.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/YellowBox/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Modal/ModalContent.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/TextInput/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/Platform/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/RefreshControl/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/View/types.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/Text/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/Modal/ModalContent.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/flattenStyle.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Picker/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/CheckBox/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/InteractionManager/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/CheckBox/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/KeyboardAvoidingView/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/StyleSheet/ReactNativePropRegistry.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/KeyboardAvoidingView/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/I18nManager/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/AppRegistry/AppContainer.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/TextInputState/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/AppRegistry/renderApplication.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/Vibration/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/processColor/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/TextInput/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/FlatList/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Button/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/View/types.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/Dimensions/index.js

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/exports/RefreshControl/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/ActivityIndicator/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/exports/Appearance/index.js
```

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```

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```

```
*
```

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```

```
*
```

```
*
```

```
* @format
```

```
*/
```

```
/**
```

```
* BezierEasing - use bezier curve for transition easing function
```

```
* https://github.com/gre/bezier-easing
```

```
* @copyright 2014-2015 Gaëtan Renaudeau. MIT License.
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-
native/Animated/bezier.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-
native/Animated/bezier.js
```

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```

```
*
```

```
* @flow strict
```

```
* @format
```

```
*/
```

```
/**
```

```
* BezierEasing - use bezier curve for transition easing function
```

```
* https://github.com/gre/bezier-easing
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```
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```

```
*/
```

Found in path(s):

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* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-
native/Animated/bezier.js
```

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 *
 * @format
 * @flow
 */
'use strict';
/*
 * @returns {bool} true if different, false if equal
 */

const deepDiffer = function (one: any, two: any, maxDepth: number = -1): boolean {
  if (maxDepth === 0) {
    return true;
  }

  if (one === two) {
    // Short circuit on identical object references instead of traversing them.
    return false;
  }

  if (typeof one === 'function' && typeof two === 'function') {
    // We consider all functions equal
    return false;
  }

  if (typeof one !== 'object' || one === null) {
    // Primitives can be directly compared
    return one !== two;
  }

  if (typeof two !== 'object' || two === null) {
    // We know they are different because the previous case would have triggered
    // otherwise.
    return true;
  }

  if (one.constructor !== two.constructor) {
    return true;
  }

  if (Array.isArray(one)) {
    // We know two is also an array because the constructors are equal

```

```

const len = one.length;

if (two.length !== len) {
  return true;
}

for (let ii = 0; ii < len; ii++) {
  if (deepDiffer(one[ii], two[ii], maxDepth - 1)) {
    return true;
  }
}
} else {
  for (const key in one) {
    if (deepDiffer(one[key], two[key], maxDepth - 1)) {
      return true;
    }
  }
}

for (const twoKey in two) {
  // The only case we haven't checked yet is keys that are in two but aren't
  // in one, which means they are different.
  if (one[twoKey] === undefined && two[twoKey] !== undefined) {
    return true;
  }
}
}

return false;
};

export default deepDiffer;

```

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/deepDiffer/index.js.flow

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*

* @flow strict-local

*/

type Groups = {

[key: number]: {

start: ?number,


```

    rules: Array<string>,
  }
};
type Selectors = {
  [key: string]: boolean
};
const slice = Array.prototype.slice;
/**
 * Order-based insertion of CSS.
 *
 * Each rule is associated with a numerically defined group.
 * Groups are ordered within the style sheet according to their number, with the
 * lowest first.
 *
 * Groups are implemented using marker rules. The selector of the first rule of
 * each group is used only to encode the group number for hydration. An
 * alternative implementation could rely on CSSMediaRule, allowing groups to be
 * treated as a sub-sheet, but the Edge implementation of CSSMediaRule is
 * broken.
 * https://developer.mozilla.org/en-US/docs/Web/API/CSSMediaRule
 * https://gist.github.com/nicolas/aa0c37846ad6bd3b05b727b959e82674
 */

declare export default function createOrderedCSSStyleSheet(sheet: ?CSSStyleSheet): {|
  getTextContent: () => string,
  insert: (cssText: string, groupValue: number) => void,
|};
/**
 * Helper functions
 */

declare function encodeGroupRule(group: any): any;
declare function decodeGroupRule(cssRule: any): any;
declare function getOrderedGroups(obj: {
  [key: number]: any
}): any;
const pattern = /\s*([\,])\s*/g;
declare function getSelectorText(cssText: any): any;
declare function insertRuleAt(root: any, cssText: string, position: number): boolean;

Found in path(s):
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
  tgz/package/dist/exports/StyleSheet/createOrderedCSSStyleSheet.js.flow
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 *

```

```
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*
* @flow
*/
const resets = [// minimal top-level reset
'html{-ms-text-size-adjust:100%;-webkit-text-size-adjust:100%;-webkit-tap-highlight-color:rgba(0,0,0,0);}',
'body{margin:0;}', // minimal form pseudo-element reset
'button::-moz-focus-inner,input::-moz-focus-inner{border:0;padding:0;}', ('input::-webkit-search-cancel-
button,input::-webkit-search-decoration,' + 'input::-webkit-search-results-button,input::-webkit-search-results-
decoration{display:none;}' : string)];
export default resets;
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/StyleSheet/initialRules.js.flow
No license file was found, but licenses were detected in source scan.
```

```
/**
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* LICENSE file in the root directory of this source tree.
*
* useLayoutEffect throws an error on the server. On the few occasions where is
* problematic, use this hook.
*
* @flow
*/
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/useLayoutEffect/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/modules/useLayoutEffect/index.js
No license file was found, but licenses were detected in source scan.
```

```
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*
* @flow
*/
```

```
/**
* RESPONDER EVENT SYSTEM
```

*
 * A single, global "interaction lock" on views. For a view to be the "responder" means
 * that pointer interactions are exclusive to that view and none other. The "interaction
 * lock" can be transferred (only) to ancestors of the current "responder" as long as
 * pointers continue to be active.

*
 * Responder being granted:

*
 * A view can become the "responder" after the following events:
 * * "pointerdown" (implemented using "touchstart", "mousedown")
 * * "pointermove" (implemented using "touchmove", "mousemove")
 * * "scroll" (while a pointer is down)
 * * "selectionchange" (while a pointer is down)

*
 * If nothing is already the "responder", the event propagates to (capture) and from
 * (bubble) the event target until a view returns `true` for
 * `on*ShouldSetResponder(Capture)`.

*
 * If something is already the responder, the event propagates to (capture) and from
 * (bubble) the lowest common ancestor of the event target and the current "responder".
 * Then negotiation happens between the current "responder" and a view that wants to
 * become the "responder": see the timing diagram below.

*
 * (NOTE: Scrolled views either automatically become the "responder" or release the
 * "interaction lock". A native scroll view that isn't built on top of the responder
 * system must result in the current "responder" being notified that it no longer has
 * the "interaction lock" - the native system has taken over.

*
 * Responder being released:

*
 * As soon as there are no more active pointers that *started* inside descendants
 * of the *current* "responder", an `onResponderRelease` event is dispatched to the
 * current "responder", and the responder lock is released.

*
 * Typical sequence of events:

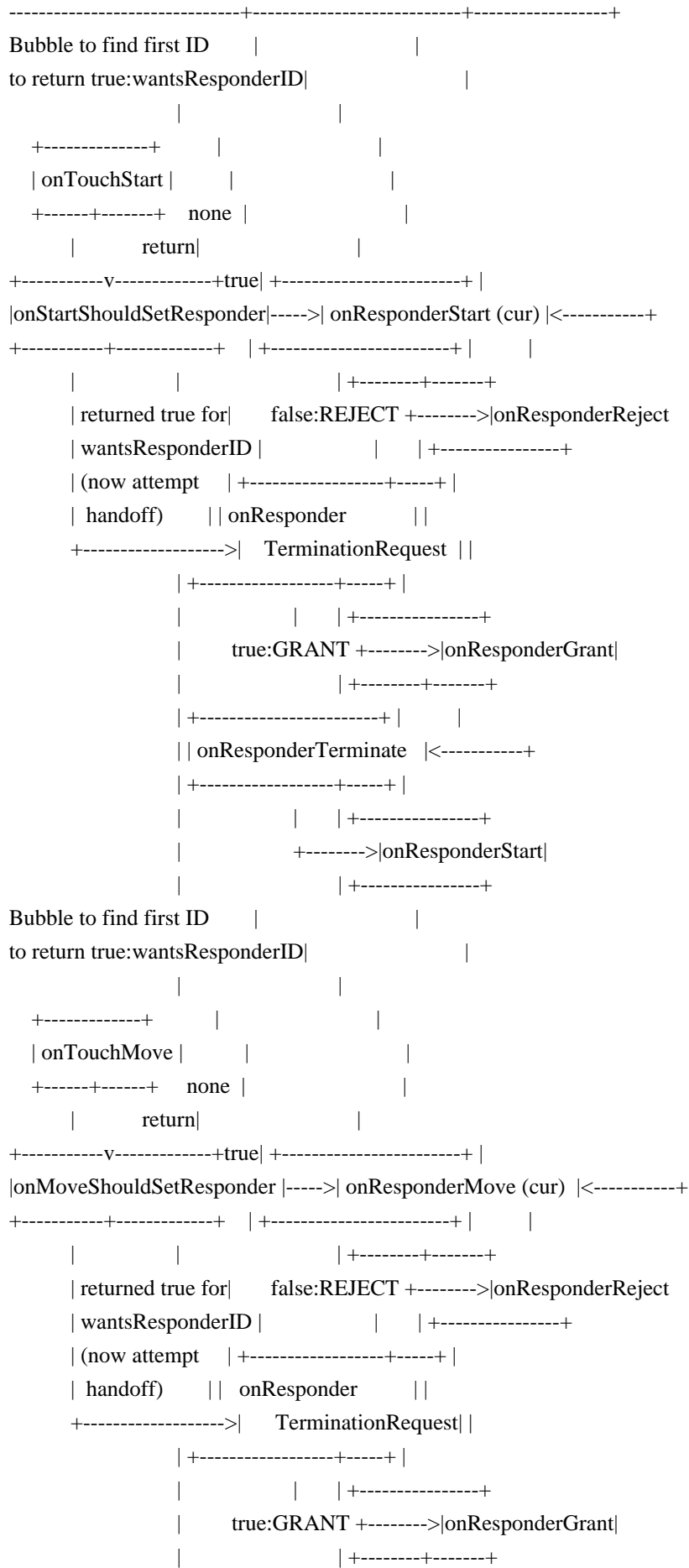
* * startShouldSetResponder
 * * responderGrant/Reject
 * * responderStart
 * * responderMove
 * * responderEnd
 * * responderRelease

*/

```

/*
                                Negotiation Performed
                                +-----+
                                /         \
Process low level events to + Current Responder + wantsResponderID
determine who to perform negot-| (if any exists at all) |
  
```

iation/transition | Otherwise just pass through|



```

    | +-----+ | |
    || onResponderTerminate |<-----+
    | +-----+ +-----+ |
    | | | +-----+
    | +----->|onResponderMove |
    | | +-----+
    | |
    | |
    Some active touch started| |
    inside current responder | +-----+ |
    +----->| onResponderEnd ||
    | | +-----+ |
+---+-----+ | |
| onTouchEnd | | |
+---+-----+ | |
| | +-----+ |
+----->| onResponderEnd ||
No active touches started| +-----+ +-----+ |
inside current responder | | |
| v |
| +-----+ |
|| onResponderRelease ||
| +-----+ |
| |
+ + */

import type { ResponderEvent } from './createResponderEvent';
import { canUseDOM } from 'fbjs/lib/ExecutionEnvironment';
import createResponderEvent from './createResponderEvent';
import { isCancelish, isEndish, isMoveish, isScroll, isSelectionChange, isStartish } from './ResponderEventTypes';
import { getLowestCommonAncestor, getResponderPaths, hasTargetTouches, hasValidSelection,
isPrimaryPointerDown, setResponderId } from './utils';
import ResponderTouchHistoryStore from './ResponderTouchHistoryStore';
/* ----- TYPES ----- */

type ResponderId = number;
type ActiveResponderInstance = {
  id: ResponderId,
  idPath: Array<number>,
  node: any,
};
type EmptyResponderInstance = {
  id: null,
  idPath: null,
  node: null,
};
type ResponderInstance = ActiveResponderInstance | EmptyResponderInstance;
export type ResponderConfig = {
  // Direct responder events dispatched directly to responder. Do not bubble.

```

```

onResponderEnd?: ?(e: ResponderEvent) => void,
onResponderGrant?: ?(e: ResponderEvent) => void | boolean,
onResponderMove?: ?(e: ResponderEvent) => void,
onResponderRelease?: ?(e: ResponderEvent) => void,
onResponderReject?: ?(e: ResponderEvent) => void,
onResponderStart?: ?(e: ResponderEvent) => void,
onResponderTerminate?: ?(e: ResponderEvent) => void,
onResponderTerminationRequest?: ?(e: ResponderEvent) => boolean,
// On pointer down, should this element become the responder?
onStartShouldSetResponder?: ?(e: ResponderEvent) => boolean,
onStartShouldSetResponderCapture?: ?(e: ResponderEvent) => boolean,
// On pointer move, should this element become the responder?
onMoveShouldSetResponder?: ?(e: ResponderEvent) => boolean,
onMoveShouldSetResponderCapture?: ?(e: ResponderEvent) => boolean,
// On scroll, should this element become the responder? Do no bubble
onScrollShouldSetResponder?: ?(e: ResponderEvent) => boolean,
onScrollShouldSetResponderCapture?: ?(e: ResponderEvent) => boolean,
// On text selection change, should this element become the responder?
onSelectionChangeShouldSetResponder?: ?(e: ResponderEvent) => boolean,
onSelectionChangeShouldSetResponderCapture?: ?(e: ResponderEvent) => boolean,
};
const emptyObject = {};
/* ----- IMPLEMENTATION ----- */

const startRegistration = ['onStartShouldSetResponderCapture', 'onStartShouldSetResponder', {
  bubbles: true
}];
const moveRegistration = ['onMoveShouldSetResponderCapture', 'onMoveShouldSetResponder', {
  bubbles: true
}];
const scrollRegistration = ['onScrollShouldSetResponderCapture', 'onScrollShouldSetResponder', {
  bubbles: false
}];
const shouldSetResponderEvents = {
  touchstart: startRegistration,
  mousedown: startRegistration,
  touchmove: moveRegistration,
  mousemove: moveRegistration,
  scroll: scrollRegistration
};
const emptyResponder = {
  id: null,
  idPath: null,
  node: null
};
const responderListenersMap = new Map();
let isEmulatingMouseEvent = false;
let trackedTouchCount = 0;

```

```

let currentResponder: ResponderInstance = {
  id: null,
  node: null,
  idPath: null
};
declare function changeCurrentResponder(responder: ResponderInstance): any;
declare function getResponderConfig(id: ResponderId): ResponderConfig | Object;
/**
 * Process native events
 *
 * A single event listener is used to manage the responder system.
 * All pointers are tracked in the ResponderTouchHistoryStore. Native events
 * are interpreted in terms of the Responder System and checked to see if
 * the responder should be transferred. Each host node that is attached to
 * the Responder System has an ID, which is used to look up its associated
 * callbacks.
 */

declare function eventListener(domEvent: any): any;
/**
 * Walk the event path to/from the target node. At each node, stop and call the
 * relevant "shouldSet" functions for the given event type. If any of those functions
 * call "stopPropagation" on the event, stop searching for a responder.
 */

declare function findWantsResponder(eventPaths: any, domEvent: any, responderEvent: any): any;
/**
 * Attempt to transfer the responder.
 */

declare function attemptTransfer(responderEvent: ResponderEvent, wantsResponder: ActiveResponderInstance):
any;
/* ----- PUBLIC API ----- */

/**
 * Attach Listeners
 *
 * Use native events as ReactDOM doesn't have a non-plugin API to implement
 * this system.
 */

const documentEventsCapturePhase = ['blur', 'scroll'];
const documentEventsBubblePhase = [// mouse
'mousedown', 'mousemove', 'mouseup', 'dragstart', // touch
'touchstart', 'touchmove', 'touchend', 'touchcancel', // other
'contextmenu', 'select', 'selectionchange'];
declare export function attachListeners(): any;
/**

```

* Register a node with the ResponderSystem.

*/

declare export function addNode(id: ResponderId, node: any, config: ResponderConfig): any;

/**

* Unregister a node with the ResponderSystem.

*/

declare export function removeNode(id: ResponderId): any;

/**

* Allow the current responder to be terminated from within components to support

* more complex requirements, such as use with other React libraries for working

* with scroll views, input views, etc.

*/

declare export function terminateResponder(): any;

/**

* Allow unit tests to inspect the current responder in the system.

* FOR TESTING ONLY.

*/

declare export function getResponderNode(): any;

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/dist/modules/useResponderEvents/ResponderSystem.js.flow

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*

* From React 16.0.0

* @noflow

*/

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/dist/modules/setValueForStyles/dangerousStyleValue.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/src/modules/setValueForStyles/dangerousStyleValue.js

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```

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*
* @noflow
*/
export const STYLE_ELEMENT_ID = 'react-native-stylesheet';
export const STYLE_GROUPS = {
  reset: 0,
  modality: 0.1,
  classicReset: 0.5,
  classic: 1,
  atomic: 2.2,
  custom: {
    borderColor: 2,
    borderRadius: 2,
    borderStyle: 2,
    borderWidth: 2,
    display: 2,
    flex: 2,
    margin: 2,
    overflow: 2,
    overscrollBehavior: 2,
    padding: 2,
    marginHorizontal: 2.1,
    marginVertical: 2.1,
    paddingHorizontal: 2.1,
    paddingVertical: 2.1
  }
};
export const STYLE_SHORT_FORM_EXPANSIONS = {
  borderColor: ['borderTopColor', 'borderRightColor', 'borderBottomColor', 'borderLeftColor'],
  borderRadius: ['borderTopLeftRadius', 'borderTopRightRadius', 'borderBottomRightRadius',
'borderBottomLeftRadius'],
  borderStyle: ['borderTopStyle', 'borderRightStyle', 'borderBottomStyle', 'borderLeftStyle'],
  borderWidth: ['borderTopWidth', 'borderRightWidth', 'borderBottomWidth', 'borderLeftWidth'],
  margin: ['marginTop', 'marginRight', 'marginBottom', 'marginLeft'],
  marginHorizontal: ['marginRight', 'marginLeft'],
  marginVertical: ['marginTop', 'marginBottom'],
  overflow: ['overflowX', 'overflowY'],
  overscrollBehavior: ['overscrollBehaviorX', 'overscrollBehaviorY'],
  padding: ['paddingTop', 'paddingRight', 'paddingBottom', 'paddingLeft'],
  paddingHorizontal: ['paddingRight', 'paddingLeft'],
  paddingVertical: ['paddingTop', 'paddingBottom']
};
export const MONOSPACE_FONT_STACK = 'monospace,monospace';
export const SYSTEM_FONT_STACK = '-apple-system,BlinkMacSystemFont,"Segoe
UI",Roboto,Helvetica,Arial,sans-serif';

```

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/constants.js.flow

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*

* @format

* @flow

*/

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/JSEventLoopWatchdog/index.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/JSEventLoopWatchdog/index.js

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* From React 16.0.0

*

*/

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/setValueForStyles/dangerousStyleValue.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/setValueForStyles/dangerousStyleValue.js

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* @format

* @flow strict

*/

```
'use strict';

type SpringConfigType = {
  stiffness: number,
  damping: number,
  ...
};
declare function stiffnessFromOrigamiValue(oValue: any): any;
declare function dampingFromOrigamiValue(oValue: any): any;
declare function fromOrigamiTensionAndFriction(tension: number, friction: number): SpringConfigType;
declare function fromBouncinessAndSpeed(bounciness: number, speed: number): SpringConfigType;
export default {
  fromOrigamiTensionAndFriction,
  fromBouncinessAndSpeed
};
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/SpringConfig.js.flow
```

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 *
 * @flow
 */
```

```
const unitlessNumbers = {
  animationIterationCount: true,
  aspectRatio: true,
  backgroundImageOutset: true,
  backgroundImageSlice: true,
  backgroundImageWidth: true,
  boxFlex: true,
  boxFlexGroup: true,
  boxOrdinalGroup: true,
  columnCount: true,
  flex: true,
  flexGrow: true,
  flexOrder: true,
  flexPositive: true,
  flexShrink: true,
  flexNegative: true,
  fontWeight: true,
  gridRow: true,
```

```

gridRowEnd: true,
gridRowGap: true,
gridRowStart: true,
gridColumn: true,
gridColumnEnd: true,
gridColumnGap: true,
gridColumnStart: true,
lineClamp: true,
opacity: true,
order: true,
orphans: true,
tabSize: true,
widows: true,
zIndex: true,
zoom: true,
// SVG-related
fillOpacity: true,
floodOpacity: true,
stopOpacity: true,
strokeDasharray: true,
strokeDashoffset: true,
strokeMiterlimit: true,
strokeOpacity: true,
strokeWidth: true,
// transform types
scale: true,
scaleX: true,
scaleY: true,
scaleZ: true,
// RN properties
shadowOpacity: true
};
/**
 * Support style names that may come passed in prefixed by adding permutations
 * of vendor prefixes.
 */

const prefixes = ['ms', 'Moz', 'O', 'Webkit'];
declare var prefixKey: (prefix: string, key: string) => any;
Object.keys(unitlessNumbers).forEach(prop => {
  prefixes.forEach(prefix => {
    unitlessNumbers[prefixKey(prefix, prop)] = unitlessNumbers[prop];
  });
});
export default unitlessNumbers;

```

Found in path(s):

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tgz/package/dist/modules/unitlessNumbers/index.js.flow

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```
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```

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```

```
*
```

```
* @flow
```

```
*/
```

```
declare var isDisabled: (props: Object) => boolean;
```

```
export default isDisabled;
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
```

```
tgz/package/dist/modules/AccessibilityUtil/isDisabled.js.flow
```

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```

```
*
```

```
* useLayoutEffect throws an error on the server. On the few occasions where is
```

```
* problematic, use this hook.
```

```
*
```

```
*
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
```

```
tgz/package/dist/modules/useLayoutEffect/index.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
```

```
tgz/package/dist/cjs/modules/useLayoutEffect/index.js
```

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```
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```

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```
*
```

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```

```
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```

```
*
```

```
* @flow strict-local
```

```
*/
```

```
import { canUseDOM } from 'fbjs/lib/ExecutionEnvironment'; // $FlowFixMe: HTMLStyleElement is incorrectly typed - https://github.com/facebook/flow/issues/2696
```

declare export default function createCSSStyleSheet(id: string): ?CSSStyleSheet;

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/createCSSStyleSheet.js.flow

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*

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* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Switch/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/prefixStyles/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/AssetRegistry/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/unmountComponentAtNode/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/StyleSheet/normalizeValueWithProperty.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/AccessibilityUtil/propsToAccessibilityComponent.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/Easing/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/createStyleResolver.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/createDOMProps/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/AssetRegistry/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/pick/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/AccessibilityUtil/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/DeviceInfo/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/Animated/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/dismissKeyboard/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/StyleSheet/validate.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/AccessibilityUtil/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/StyleSheet/i18nStyle.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/createOrderedCSSStyleSheet.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/StyleSheet.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/useElementLayout/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/AccessibilityUtil/propsToAccessibilityComponent.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/isWebColor/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/NativeModules/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/render/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/StyleSheet/StyleSheet.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/UIManager/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/StyleSheet/createOrderedCSSStyleSheet.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/flattenArray/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/i18nStyle.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/unmountComponentAtNode/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/createElement/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Alert/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/multiplyStyleLengthValue/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/compile.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/getBoundingClientRect/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/getBoundingClientRect/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/AccessibilityUtil/propsToAriaRole.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/useElementLayout/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/AccessibilityUtil/isDisabled.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/UIManager/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/render/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/StyleSheet/css.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/StyleSheet/styleResolver.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/ImageLoader/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/isWebColor/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Easing/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/ProgressBar/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/createCSSStyleSheet.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/styleResolver.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/css.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/ScrollView/ScrollViewBase.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/NativeModules/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/createElement/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/AccessibilityUtil/propsToAriaRole.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/StyleSheet/initialRules.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/TouchableNativeFeedback/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StatusBar/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/AccessibilityUtil/isDisabled.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/modality/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/resolveShadowValue.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/initialRules.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/pick/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/TouchableNativeFeedback/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/StyleSheet/resolveShadowValue.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/ImageLoader/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/flattenArray/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/StyleSheet/constants.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/createCompileableStyle.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/dismissKeyboard/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/normalizeColor/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/Alert/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Animated/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/StyleSheet/createStyleResolver.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/modality/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/requestIdleCallback/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/normalizeColor/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/normalizeValueWithProperty.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/StyleSheet/createReactDOMStyle.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/createReactDOMStyle.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/constants.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/StyleSheet/createCSSStyleSheet.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/prefixStyles/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/usePlatformMethods/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/StatusBar/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/requestIdleCallback/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/dist/cjs/exports/DeviceInfo/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/modules/multiplyStyleLengthValue/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/exports/StyleSheet/index.js
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 *  
 * @format  
 * @flow  
 */
```

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/StaticRenderer/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Utilities/setAndForwardRef.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/StaticRenderer/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/deepDiffer/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Utilities/setAndForwardRef.js.flow

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 *  
 * @format  
 * @flow strict  
 * @typecheck  
 */
```

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/emitter/_EventEmitter.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/emitter/_EventEmitter.js.flow

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 *
 * @flow
 */
type VibratePattern = number | Array<number>;
declare var vibrate: (pattern: VibratePattern) => any;
const Vibration = {
  cancel() {
    vibrate(0);
  },

  vibrate(pattern: VibratePattern = 400) {
    vibrate(pattern);
  }
};
export default Vibration;

```

Found in path(s):

```

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/Vibration/index.js.flow

```

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 *
 * From React 16.3.0
 *
 */

```

Found in path(s):

```

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/modules/setValueForStyles/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/setValueForStyles/index.js

```

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```
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*
*/
// React Native exposes these features as props and proprietary styles

Found in path(s):
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Image/index.js
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```

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*
*/
```

```
Found in path(s):
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/UnimplementedView/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/NativeEventEmitter/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Text/TextAncestorContext.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/NativeEventEmitter/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/mergeRefs/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/forwardedProps/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/VirtualizedList/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/useEvent/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/createEventHandle/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/useStable/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/useMergeRefs/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/Touchable/ensurePositiveDelayProps.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Touchable/ensurePositiveDelayProps.js
```

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/Touchable/Position.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/useResponderEvents/ResponderTouchHistoryStore.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/useStable/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/VirtualizedList/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/forwardedProps/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/useHover/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/createEventHandle/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/AccessibilityInfo/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/AccessibilityInfo/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/useMergeRefs/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Touchable/Position.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/useEvent/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/SectionList/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/ImageBackground/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/useHover/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/mergeRefs/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/useResponderEvents/ResponderTouchHistoryStore.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/Text/TextAncestorContext.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/SectionList/index.js

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* @noflow

*/

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Touchable/Position.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/Touchable/Position.js

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* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/useResponderEvents/createResponderEvent.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/modules/useResponderEvents/Utils.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/modules/useResponderEvents/ResponderEventTypes.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/useResponderEvents/Utils.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/useResponderEvents/index.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/modules/useResponderEvents/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/modules/useResponderEvents/createResponderEvent.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/modules/isSelectionValid/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/modules/useResponderEvents/ResponderSystem.js

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* @flow strict

* @format

*/

Found in path(s):

- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/NativeEventEmitter/RCTDeviceEventEmitter.js
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/emitter/EventEmitter.js
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Types/CoreEventTypes.js
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/TurboModule/RCTExport.js
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/emitter/EventEmitter.js.flow
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/emitter/EventSubscription.js

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* @flow

*/

declare var emptyFunction: () => any;

declare function StatusBar(): null;

StatusBar.setBackgroundColor = emptyFunction;

StatusBar.setStyle = emptyFunction;

StatusBar.setHidden = emptyFunction;

StatusBar.setNetworkActivityIndicatorVisible = emptyFunction;

StatusBar.setTranslucent = emptyFunction;

export default StatusBar;

Found in path(s):

- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StatusBar/index.js.flow

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*

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- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

```
tgz/package/dist/modules/useResponderEvents/createResponderEvent.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/useResponderEvents/ResponderEventTypes.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/useResponderEvents/ResponderSystem.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/modules/useResponderEvents/createResponderEvent.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/modules/useResponderEvents/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/modules/useResponderEvents/Utils.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/isSelectionValid/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/modules/useResponderEvents/ResponderSystem.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/modules/isSelectionValid/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/useResponderEvents/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/useResponderEvents/Utils.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/cjs/modules/useResponderEvents/ResponderEventTypes.js
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```

```
/**
```

```
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```

```
*
```

```
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```

```
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```

```
*
```

```
* @flow strict
```

```
* @format
```

```
*/
```

```
/**
```

```
* BezierEasing - use bezier curve for transition easing function
```

```
* https://github.com/gre/bezier-easing
```

```
* @copyright 2014-2015 Gaetan Renaudeau. MIT License.
```

```
*/
```

```
'use strict'; // These values are established by empiricism with tests (tradeoff: performance VS precision)
```

```
const NEWTON_ITERATIONS = 4;
```

```
const NEWTON_MIN_SLOPE = 0.001;
```

```
const SUBDIVISION_PRECISION = 0.0000001;
```

```
const SUBDIVISION_MAX_ITERATIONS = 10;
```

```
const kSplineTableSize = 11;
```

```
const kSampleStepSize = 1.0 / (kSplineTableSize - 1.0);
```



```

const float32ArraySupported = typeof Float32Array === 'function';
declare function A(aA1: any, aA2: any): any;
declare function B(aA1: any, aA2: any): any;
declare function C(aA1: any): any; // Returns x(t) given t, x1, and x2, or y(t) given t, y1, and y2.

declare function calcBezier(aT: any, aA1: any, aA2: any): any; // Returns dx/dt given t, x1, and x2, or dy/dt given t,
y1, and y2.

declare function getSlope(aT: any, aA1: any, aA2: any): any;
declare function binarySubdivide(aX: any, _aA: any, _aB: any, mX1: any, mX2: any): any;
declare function newtonRaphsonIterate(aX: any, _aGuessT: any, mX1: any, mX2: any): any;
declare export default function bezier(mX1: number, mY1: number, mX2: number, mY2: number): (x: number) =>
number;
;

```

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/bezier.js.flow

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* @flow strict-local

*/

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* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/validate.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/createCompileableStyle.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/compile.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/StyleSheet/validate.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/StyleSheet/createCompileableStyle.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/StyleSheet/normalizeValueWithProperty.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/StyleSheet/createOrderedCSSStyleSheet.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/StyleSheet/createCSSStyleSheet.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/StyleSheet/compile.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/normalizeValueWithProperty.js.flow
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* @flow strict

*/

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/modules/getBoundingClientRect/index.js

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* @flow

*/

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/LogBox/index.js

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Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/unmountComponentAtNode/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/index.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/createStyleResolver.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/StyleSheet/css.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/unmountComponentAtNode/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/createElement/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/createDOMProps/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/UIManager/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/StyleSheet/createStyleResolver.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/StyleSheet/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/StyleSheet/createReactDOMStyle.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/createReactDOMStyle.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/StyleSheet/constants.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/css.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/modules/multiplyStyleLengthValue/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/UIManager/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/createElement/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/NativeModules/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/modules/createDOMProps/index.js

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*

* From React 16.0.0

*/

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/PooledClass/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/PooledClass/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/PooledClass/index.js

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*

* @flow

*/

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/dist/exports/NativeEventEmitter/index.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/src/exports/VirtualizedList/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/src/modules/useResponderEvents/ResponderTouchHistoryStore.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/src/modules/UnimplementedView/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/dist/modules/useEvent/index.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/dist/modules/useResponderEvents/ResponderTouchHistoryStore.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/dist/exports/AccessibilityInfo/index.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/dist/modules/createEventHandle/index.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/dist/exports/VirtualizedList/index.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/src/exports/Touchable/ensurePositiveDelayProps.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/dist/modules/useHover/index.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/src/exports/NativeEventEmitter/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/dist/exports/ImageBackground/index.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/dist/exports/Touchable/ensurePositiveDelayProps.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/dist/modules/UnimplementedView/index.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/src/modules/useHover/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/src/exports/ImageBackground/index.js

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/exports/SectionList/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/SectionList/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/exports/AccessibilityInfo/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/modules/createEventHandle/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/modules/useEvent/index.js
```

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```
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```

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```

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```
*
```

```
* @flow
```

```
*/
```

```
// React Native exposes these features as props and proprietary styles
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/Image/index.js
```

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```
*
```

```
* @flow strict
```

```
*/
```

```
declare var getBoundingClientRect: (node: ?HTMLElement) => void | ClientRect;
```

```
export default getBoundingClientRect;
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/getBoundingClientRect/index.js.flow
```

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```
*
* @flow
*/
declare function flattenArray(array: Array<any>): Array<any>;
export default flattenArray;
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/flattenArray/index.js.flow
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 *
 * @flow
 */
const Platform = {
  OS: 'web',
  select: (obj: Object): any => 'web' in obj ? obj.web : obj.default,

  get isTesting(): boolean {
    if (process.env.NODE_ENV === 'test') {
      return true;
    }

    return false;
  }
};
export default Platform;
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/Platform/index.js.flow
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 *
 * @flow
 * @format
```

```

*/

/**
 * PAN RESPONDER
 *
 * `PanResponder` uses the Responder System to reconcile several touches into
 * a single gesture. It makes single-touch gestures resilient to extra touches,
 * and can be used to recognize simple multi-touch gestures. For each handler,
 * it provides a `gestureState` object alongside the ResponderEvent object.
 *
 * By default, `PanResponder` holds an `InteractionManager` handle to block
 * long-running JS events from interrupting active gestures.
 *
 * A graphical explanation of the touch data flow:
 *
 * +-----+          +-----+
 * | ResponderTouchHistoryStore |    | TouchHistoryMath          |
 * +-----+          +-----+
 * |Global store of touchHistory|    |Allocation-less math util  |
 * |including activeness, start |    |on touch history (centroids  |
 * |position, prev/cur position.|    |and multitouch movement etc) |
 * |             |             |             |
 * +-----^-----+          +-----^-----+
 * |             |             |             |
 * | (records relevant history   |             |
 * | of touches relevant for    |             |
 * | implementing higher level  |             |
 * | gestures)                  |             |
 * |             |             |             |
 * +---+-----+          +---+-----+
 * | ResponderEventPlugin       |             | Your App/Component |
 * +-----+          +---+-----+
 * |Negotiates which view gets | Low level |             | High level |
 * |onResponderMove events.    | events w/ |             | events w/   |
 * |Also records history into  | touchHistory| | Pan | multitouch + |
 * |ResponderTouchHistoryStore. +----->Responder+-----> accumulative|
 * +-----+ attached to |             | distance and |
 * |             |             |             |
 * |             |             |             |
 * |             |             |             |
 * |             |             |             |
 * |             |             |             |
 * |             |             |             |
 * |             |             |             |
 * |             |             |             |
 * +-----+
 */
'use strict';

import type {PressEvent} from '../vendor/react-native/Types/CoreEventTypes';
import InteractionManager from '../InteractionManager';
import TouchHistoryMath from '../vendor/react-native/TouchHistoryMath';
export type GestureState = {

```

```

// ID of the gestureState; persisted as long as there's a pointer on screen
stateID: number,
// The latest screen coordinates of the gesture
x: number,
// The latest screen coordinates of the gesture
y: number,
// The screen coordinates of the responder grant
initialX: number,
// The screen coordinates of the responder grant
initialY: number,
// Accumulated distance of the gesture since it started
deltaX: number,
// Accumulated distance of the gesture since it started
deltaY: number,
// Current velocity of the gesture
velocityX: number,
// Current velocity of the gesture
velocityY: number,
// Number of touches currently on screen
numberActiveTouches: number,
_accountsForMovesUpTo: number,
};
type ActiveCallback = (event:PressEvent, gestureState: GestureState) => boolean;
type PassiveCallback = (event:PressEvent, gestureState: GestureState) => void;
type PanResponderConfig = $ReadOnly<{|
// Negotiate for the responder
onMoveShouldSetResponder?: ?ActiveCallback,
onMoveShouldSetResponderCapture?: ?ActiveCallback,
onStartShouldSetResponder?: ?ActiveCallback,
onStartShouldSetResponderCapture?: ?ActiveCallback,
onPanTerminationRequest?: ?ActiveCallback,
// Gesture started
onPanGrant?: ?PassiveCallback,
// Gesture rejected
onPanReject?: ?PassiveCallback,
// A pointer touched the screen
onPanStart?: ?PassiveCallback,
// A pointer moved
onPanMove?: ?PassiveCallback,
// A pointer was removed from the screen
onPanEnd?: ?PassiveCallback,
// All pointers removed, gesture successful
onPanRelease?: ?PassiveCallback,
// Gesture cancelled
onPanTerminate?: ?PassiveCallback,
|}>;
const {
currentCentroidX,

```



```

currentCentroidY,
currentCentroidXOfTouchesChangedAfter,
currentCentroidYOfTouchesChangedAfter,
previousCentroidXOfTouchesChangedAfter,
previousCentroidYOfTouchesChangedAfter
} = TouchHistoryMath;
const PanResponder = {
  _initializeGestureState(gestureState: GestureState) {
    gestureState.x = 0;
    gestureState.y = 0;
    gestureState.initialX = 0;
    gestureState.initialY = 0;
    gestureState.deltaX = 0;
    gestureState.deltaY = 0;
    gestureState.velocityX = 0;
    gestureState.velocityY = 0;
    gestureState.numberActiveTouches = 0; // All `gestureState` accounts for timeStamps up until:

    gestureState._accountsForMovesUpTo = 0;
  },

  /**
   * Take all recently moved touches, calculate how the centroid has changed just for those
   * recently moved touches, and append that change to an accumulator. This is
   * to (at least) handle the case where the user is moving three fingers, and
   * then one of the fingers stops but the other two continue.
   *
   * This is very different than taking all of the recently moved touches and
   * storing their centroid as `dx/dy`. For correctness, we must *accumulate
   * changes* in the centroid of recently moved touches.
   *
   * There is also some nuance with how we handle multiple moved touches in a
   * single event. Multiple touches generate two 'move' events, each of
   * them triggering `onResponderMove`. But with the way `PanResponder` works,
   * all of the gesture inference is performed on the first dispatch, since it
   * looks at all of the touches. Therefore, `PanResponder` does not call
   * `onResponderMove` passed the first dispatch. This diverges from the
   * typical responder callback pattern (without using `PanResponder`), but
   * avoids more dispatches than necessary.
   *
   * When moving two touches in opposite directions, the cumulative
   * distance is zero in each dimension. When two touches move in parallel five
   * pixels in the same direction, the cumulative distance is five, not ten. If
   * two touches start, one moves five in a direction, then stops and the other
   * touch moves fives in the same direction, the cumulative distance is ten.
   *
   * This logic requires a kind of processing of time "clusters" of touch events
   * so that two touch moves that essentially occur in parallel but move every

```

```

* other frame respectively, are considered part of the same movement.
*
* x/y: If a move event has been observed, `(x, y)` is the centroid of the most
* recently moved "cluster" of active touches.
* deltaX/deltaY: Cumulative touch distance. Accounts for touch moves that are
* clustered together in time, moving the same direction. Only valid when
* currently responder (otherwise, it only represents the drag distance below
* the threshold).
*/
_updateGestureStateOnMove(gestureState: GestureState, touchHistory: $PropertyType<PressEvent,
'touchHistory'>) {
    const movedAfter = gestureState._accountsForMovesUpTo;
    const prevX = previousCentroidXOfTouchesChangedAfter(touchHistory, movedAfter);
    const prevY = previousCentroidYOfTouchesChangedAfter(touchHistory, movedAfter);
    const prevDeltaX = gestureState.deltaX;
    const prevDeltaY = gestureState.deltaY;
    const x = currentCentroidXOfTouchesChangedAfter(touchHistory, movedAfter);
    const y = currentCentroidYOfTouchesChangedAfter(touchHistory, movedAfter);
    const deltaX = prevDeltaX + (x - prevX);
    const deltaY = prevDeltaY + (y - prevY); // TODO: This must be filtered intelligently.

    const dt = touchHistory.mostRecentTimeStamp - gestureState._accountsForMovesUpTo;
    gestureState.deltaX = deltaX;
    gestureState.deltaY = deltaY;
    gestureState.numberActiveTouches = touchHistory.numberActiveTouches;
    gestureState.velocityX = (deltaX - prevDeltaX) / dt;
    gestureState.velocityY = (deltaY - prevDeltaY) / dt;
    gestureState.x = x;
    gestureState.y = y;
    gestureState._accountsForMovesUpTo = touchHistory.mostRecentTimeStamp;
},

/**
* Enhanced versions of all of the responder callbacks that provide not only
* the `ResponderEvent`, but also the `PanResponder` gesture state.
*
* In general, for events that have capture equivalents, we update the
* gestureState once in the capture phase and can use it in the bubble phase
* as well.
*/
create(config: PanResponderConfig): {
    getInteractionHandle: () => ?number,
    panHandlers: {
        onMoveShouldSetResponder: (event: PressEvent) => boolean,
        onMoveShouldSetResponderCapture: (event: PressEvent) => boolean,
        onResponderEnd: (event: PressEvent) => void,
        onResponderGrant: (event: PressEvent) => void,
        onResponderMove: (event: PressEvent) => void,
    }
}

```

```

onResponderReject: (event: PressEvent) => void,
onResponderRelease: (event: PressEvent) => void,
onResponderStart: (event: PressEvent) => void,
onResponderTerminate: (event: PressEvent) => void,
onResponderTerminationRequest: (event: PressEvent) => boolean,
onStartShouldSetResponder: (event: PressEvent) => boolean,
onStartShouldSetResponderCapture: (event: PressEvent) => boolean,
  ],
  } {
const interactionState = {
  handle: (null: ?number)
};
const gestureState: GestureState = {
  // Useful for debugging
  stateID: Math.random(),
  x: 0,
  y: 0,
  initialX: 0,
  initialY: 0,
  deltaX: 0,
  deltaY: 0,
  velocityX: 0,
  velocityY: 0,
  numberActiveTouches: 0,
  _accountsForMovesUpTo: 0
};
const {
  onStartShouldSetResponder,
  onStartShouldSetResponderCapture,
  onMoveShouldSetResponder,
  onMoveShouldSetResponderCapture,
  onPanGrant,
  onPanStart,
  onPanMove,
  onPanEnd,
  onPanRelease,
  onPanReject,
  onPanTerminate,
  onPanTerminationRequest
} = config;
const panHandlers = {
  onStartShouldSetResponder(event: PressEvent): boolean {
    return onStartShouldSetResponder != null ? onStartShouldSetResponder(event, gestureState) : false;
  },

  onMoveShouldSetResponder(event: PressEvent): boolean {
    return onMoveShouldSetResponder != null ? onMoveShouldSetResponder(event, gestureState) : false;
  },

```

```

onStartShouldSetResponderCapture(event:PressEvent): boolean {
  // TODO: Actually, we should reinitialize the state any time
  // touches.length increases from 0 active to > 0 active.
  if (event.nativeEvent.touches.length === 1) {
    PanResponder._initializeGestureState(gestureState);
  }

  gestureState.numberActiveTouches = event.touchHistory.numberActiveTouches;
  return onStartShouldSetResponderCapture !== null ? onStartShouldSetResponderCapture(event, gestureState) :
false;
},

onMoveShouldSetResponderCapture(event:PressEvent): boolean {
  const touchHistory = event.touchHistory; // Responder system incorrectly dispatches should* to current
  responder
  // Filter out any touch moves past the first one - we would have
  // already processed multi-touch geometry during the first event.
  // NOTE: commented out because new responder system should get it right.
  //if (gestureState._accountsForMovesUpTo === touchHistory.mostRecentTimeStamp) {
  // return false;
  //}

  PanResponder._updateGestureStateOnMove(gestureState, touchHistory);

  return onMoveShouldSetResponderCapture !== null ? onMoveShouldSetResponderCapture(event, gestureState)
: false;
},

onResponderGrant(event:PressEvent): void {
  if (!interactionState.handle) {
    interactionState.handle = InteractionManager.createInteractionHandle();
  }

  gestureState.initialX = currentCentroidX(event.touchHistory);
  gestureState.initialY = currentCentroidY(event.touchHistory);
  gestureState.deltaX = 0;
  gestureState.deltaY = 0;

  if (onPanGrant !== null) {
    onPanGrant(event, gestureState);
  }
},

onResponderReject(event:PressEvent): void {
  clearInteractionHandle(interactionState, onPanReject, event, gestureState);
},

```

```

onResponderStart(event: PressEvent): void {
  const {
    numberActiveTouches
  } = event.touchHistory;
  gestureState.numberActiveTouches = numberActiveTouches;

  if (onPanStart != null) {
    onPanStart(event, gestureState);
  }
},

onResponderMove(event: PressEvent): void {
  const touchHistory = event.touchHistory; // Guard against the dispatch of two touch moves when there are two
  // simultaneously changed touches.

  if (gestureState._accountsForMovesUpTo === touchHistory.mostRecentTimeStamp) {
    return;
  } // Filter out any touch moves past the first one - we would have
  // already processed multi-touch geometry during the first event.

  PanResponder._updateGestureStateOnMove(gestureState, touchHistory);

  if (onPanMove != null) {
    onPanMove(event, gestureState);
  }
},

onResponderEnd(event: PressEvent): void {
  const {
    numberActiveTouches
  } = event.touchHistory;
  gestureState.numberActiveTouches = numberActiveTouches;
  clearInteractionHandle(interactionState, onPanEnd, event, gestureState);
},

onResponderRelease(event: PressEvent): void {
  clearInteractionHandle(interactionState, onPanRelease, event, gestureState);

  PanResponder._initializeGestureState(gestureState);
},

onResponderTerminate(event: PressEvent): void {
  clearInteractionHandle(interactionState, onPanTerminate, event, gestureState);

  PanResponder._initializeGestureState(gestureState);
},

```

```

    onResponderTerminationRequest(event:PressEvent):boolean {
      return onPanTerminationRequest != null ? onPanTerminationRequest(event, gestureState) : true;
    }
  };
  return {
    panHandlers,

    getInteractionHandle():?number {
      return interactionState.handle;
    }

  };
}

};
declare function clearInteractionHandle(interactionState: {
  handle: ?number
}), callback:?(ActiveCallback | PassiveCallback), event:PressEvent, gestureState: GestureState): any;
export default PanResponder;

```

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/PanResponder/Alternative.js.flow

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* @flow

*/

```
declare var isWebColor: (color: string) => boolean;
```

```
export default isWebColor;
```

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/isWebColor/index.js.flow

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```
* @noflow
*/
const CSS_UNIT_RE = /^[+-]?\d*(?:\.\d+)?(?:[Ee][+-]?\d+)?(%|\w*)/;
declare var getUnit: (str: any) => any;
declare var isNumeric: (n: any) => any;
declare var multiplyStyleLengthValue: (value: string | number, multiple: any) => any;
export default multiplyStyleLengthValue;
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/multiplyStyleLengthValue/index.js.flow
```

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```
*
```

```
* @format
```

```
*
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-
native/JSEventLoopWatchdog/index.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-
native/JSEventLoopWatchdog/index.js
```

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```

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```

```
*
```

```
* @flow
```

```
*/
```

```
declare export default function isSelectionValid(): boolean;
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/isSelectionValid/index.js.flow
```

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```

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```
*
```

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*
* @format
* @flow strict
*/
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-
native/emitter/_EventSubscription.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-
native/emitter/_EventSubscriptionVendor.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-
native/Animated/Easing.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-
native/Animated/SpringConfig.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-
native/Animated/Easing.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-
native/emitter/_EventSubscription.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-
native/emitter/_EmitterSubscription.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-
native/emitter/_EmitterSubscription.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-
native/emitter/_EventSubscriptionVendor.js.flow
```

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 * LICENSE file in the root directory of this source tree.
 *
 * @flow strict-local
 * @format
 */
'use strict';
```

```
type ClickEvent = any;
type KeyboardEvent = any;
type ResponderEvent = any;
export type PressResponderConfig = $ReadOnly<{|
  // The gesture can be interrupted by a parent gesture, e.g., scroll.
  // Defaults to true.
  cancelable?: ?boolean,
  // Whether to disable initialization of the press gesture.
  disabled?: ?boolean,
```



```

// Duration (in addition to `delayPressStart`) after which a press gesture is
// considered a long press gesture. Defaults to 500 (milliseconds).
delayLongPress?: ?number,
// Duration to wait after press down before calling `onPressStart`.
delayPressStart?: ?number,
// Duration to wait after letting up before calling `onPressEnd`.
delayPressEnd?: ?number,
// Called when a long press gesture has been triggered.
onLongPress?: ?(event: ResponderEvent) => void,
// Called when a press gesture has been triggered.
onPress?: ?(event: ClickEvent) => void,
// Called when the press is activated to provide visual feedback.
onPressChange?: ?(event: ResponderEvent) => void,
// Called when the press is activated to provide visual feedback.
onPressStart?: ?(event: ResponderEvent) => void,
// Called when the press location moves. (This should rarely be used.)
onPressMove?: ?(event: ResponderEvent) => void,
// Called when the press is deactivated to undo visual feedback.
onPressEnd?: ?(event: ResponderEvent) => void,
|>;
export type EventHandlers = $ReadOnly<{|
  onClick: (event: ClickEvent) => void,
  onContextMenu: (event: ClickEvent) => void,
  onKeyDown: (event: KeyboardEvent) => void,
  onResponderGrant: (event: ResponderEvent) => void,
  onResponderMove: (event: ResponderEvent) => void,
  onResponderRelease: (event: ResponderEvent) => void,
  onResponderTerminate: (event: ResponderEvent) => void,
  onResponderTerminationRequest: (event: ResponderEvent) => boolean,
  onStartShouldSetResponder: (event: ResponderEvent) => boolean,
|>;
type TouchState = 'NOT_RESPONDER' | 'RESPONDER_INACTIVE_PRESS_START' |
'RESPONDER_ACTIVE_PRESS_START' | 'RESPONDER_ACTIVE_LONG_PRESS_START' | 'ERROR';
type TouchSignal = 'DELAY' | 'RESPONDER_GRANT' | 'RESPONDER_RELEASE' |
'RESPONDER_TERMINATED' | 'LONG_PRESS_DETECTED';
const DELAY = 'DELAY';
const ERROR = 'ERROR';
const LONG_PRESS_DETECTED = 'LONG_PRESS_DETECTED';
const NOT_RESPONDER = 'NOT_RESPONDER';
const RESPONDER_ACTIVE_LONG_PRESS_START = 'RESPONDER_ACTIVE_LONG_PRESS_START';
const RESPONDER_ACTIVE_PRESS_START = 'RESPONDER_ACTIVE_PRESS_START';
const RESPONDER_INACTIVE_PRESS_START = 'RESPONDER_INACTIVE_PRESS_START';
const RESPONDER_GRANT = 'RESPONDER_GRANT';
const RESPONDER_RELEASE = 'RESPONDER_RELEASE';
const RESPONDER_TERMINATED = 'RESPONDER_TERMINATED';
const Transitions = Object.freeze({
  NOT_RESPONDER: {
    DELAY: ERROR,

```

```

    RESPONDER_GRANT: RESPONDER_INACTIVE_PRESS_START,
    RESPONDER_RELEASE: ERROR,
    RESPONDER_TERMINATED: ERROR,
    LONG_PRESS_DETECTED: ERROR
  },
  RESPONDER_INACTIVE_PRESS_START: {
    DELAY: RESPONDER_ACTIVE_PRESS_START,
    RESPONDER_GRANT: ERROR,
    RESPONDER_RELEASE: NOT_RESPONDER,
    RESPONDER_TERMINATED: NOT_RESPONDER,
    LONG_PRESS_DETECTED: ERROR
  },
  RESPONDER_ACTIVE_PRESS_START: {
    DELAY: ERROR,
    RESPONDER_GRANT: ERROR,
    RESPONDER_RELEASE: NOT_RESPONDER,
    RESPONDER_TERMINATED: NOT_RESPONDER,
    LONG_PRESS_DETECTED: RESPONDER_ACTIVE_LONG_PRESS_START
  },
  RESPONDER_ACTIVE_LONG_PRESS_START: {
    DELAY: ERROR,
    RESPONDER_GRANT: ERROR,
    RESPONDER_RELEASE: NOT_RESPONDER,
    RESPONDER_TERMINATED: NOT_RESPONDER,
    LONG_PRESS_DETECTED: RESPONDER_ACTIVE_LONG_PRESS_START
  },
  ERROR: {
    DELAY: NOT_RESPONDER,
    RESPONDER_GRANT: RESPONDER_INACTIVE_PRESS_START,
    RESPONDER_RELEASE: NOT_RESPONDER,
    RESPONDER_TERMINATED: NOT_RESPONDER,
    LONG_PRESS_DETECTED: NOT_RESPONDER
  }
});
declare var isActiveSignal: (signal: any) => any;
declare var isButtonRole: (element: any) => any;
declare var isPressStartSignal: (signal: any) => any;
declare var isTerminalSignal: (signal: any) => any;
declare var isValidKeyPress: (event: any) => any;
const DEFAULT_LONG_PRESS_DELAY_MS = 450; // 500 - 50

const DEFAULT_PRESS_DELAY_MS = 50;
/**
 * ===== PressResponder Tutorial =====
 *
 * The `PressResponder` class helps you create press interactions by analyzing the
 * geometry of elements and observing when another responder (e.g. ScrollView)
 * has stolen the touch lock. It offers hooks for your component to provide

```

```

* interaction feedback to the user:
*
* - When a press has activated (e.g. highlight an element)
* - When a press has deactivated (e.g. un-highlight an element)
* - When a press should trigger an action, meaning it activated and deactivated
*   while within the geometry of the element without the lock being stolen.
*
* A high quality interaction isn't as simple as you might think. There should
* be a slight delay before activation. Moving your finger beyond an element's
* bounds should trigger deactivation, but moving the same finger back within an
* element's bounds should trigger reactivation.
*
* In order to use `PressResponder`, do the following:
*
*   const pressResponder = new PressResponder(config);
*
* 2. Choose the rendered component who should collect the press events. On that
*   element, spread `pressability.getEventHandlers()` into its props.
*
*   return (
*     <View {...this.state.pressResponder.getEventHandlers()} />
*   );
*
* 3. Reset `PressResponder` when your component unmounts.
*
*   componentWillUnmount() {
*     this.state.pressResponder.reset();
*   }
*
* ===== Implementation Details =====
*
* `PressResponder` only assumes that there exists a `HitRect` node. The `PressRect`
* is an abstract box that is extended beyond the `HitRect`.
*
* # Geometry
*
* - Presses start anywhere within `HitRect`.
*
* VisualRect
*   - When pressed down for sufficient amount of time
*   HitRect      before letting up, `VisualRect` activates.
*
* Out Region  o
*
*           When the press is released outside the `HitRect`,
*           the responder is NOT eligible for a "press".
*

```

```

* # State Machine
*
* RESPONDER_RELEASE
* NOT_RESPONDER
* RESPONDER_TERMINATED
*
* RESPONDER_GRANT (HitRect)
*
*
*
* RESPONDER_INACTIVE_ DELAY RESPONDER_ACTIVE_ T + DELAY RESPONDER_ACTIVE_
* PRESS_START PRESS_START LONG_PRESS_START
*
*
* T + DELAY => LONG_PRESS_DELAY + DELAY
*
* Not drawn are the side effects of each transition. The most important side
* effect is the invocation of `onLongPress`. Only when the browser produces a
* `click` event is `onPress` invoked.
*/

```

```

declare export default class PressResponder {
  _config: PressResponderConfig,
  _eventHandlers: ?EventHandlers,
  _isPointerTouch: ?boolean,
  _longPressDelayTimeout: ?TimeoutID,
  _longPressDispatched: ?boolean,
  _pressDelayTimeout: ?TimeoutID,
  _pressOutDelayTimeout: ?TimeoutID,
  _selectionTerminated: ?boolean,
  _touchActivatePosition: ?$ReadOnly<{|
    pageX: number,
    pageY: number,
  }>,
  _touchState: TouchState,
  constructor(config: PressResponderConfig): any,
  configure(config: PressResponderConfig): void,
  reset(): void,
  getEventHandlers(): EventHandlers,
  _createEventHandlers(): EventHandlers,
  _receiveSignal(signal: TouchSignal, event: ResponderEvent): void,
  _performTransitionSideEffects(prevState: TouchState, nextState: TouchState, signal: TouchSignal, event:
  ResponderEvent): void,
  _activate(event: ResponderEvent): void,
  _deactivate(event: ResponderEvent): void,
  _handleLongPress(event: ResponderEvent): void,
  _cancelLongPressDelayTimeout(): void,
  _cancelPressDelayTimeout(): void,

```

```
_cancelPressOutDelayTimeout(): void,  
}  
declare function normalizeDelay(delay: ?number, min: any, fallback: any): number;  
declare function getTouchFromResponderEvent(event: ResponderEvent): any;
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/dist/modules/usePressEvent/PressResponder.js.flow
```

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```

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```
*
```

```
* @flow
```

```
*/
```

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```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/src/exports/TouchableNativeFeedback/index.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/src/exports/ProgressBar/index.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/src/modules/prefixStyles/index.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/src/exports/StyleSheet/StyleSheet.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/dist/modules/prefixStyles/index.js.flow
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/modules/pick/index.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/src/modules/usePlatformMethods/index.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/types/index.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/render/index.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/dist/exports/Easing/index.js.flow
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/src/exports/StyleSheet/styleResolver.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/dist/modules/normalizeColor/index.js.flow
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/src/modules/AssetRegistry/index.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/src/modules/useElementLayout/index.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/src/exports/StyleSheet/i18nStyle.js
```

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/Alert/index.js
```

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/ScrollView/ScrollViewBase.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/StyleSheet/resolveShadowValue.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/TouchableNativeFeedback/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/modules/flattenArray/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/modules/AccessibilityUtil/propsToAccessibilityComponent.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/modality/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/render/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/usePlatformMethods/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/types/styles.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/StatusBar/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/TextInput/types.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/modules/AccessibilityUtil/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/dismissKeyboard/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/StyleSheet/initialRules.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/ProgressBar/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/requestIdleCallback/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Animated/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/Easing/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/i18nStyle.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/types/styles.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/modules/AccessibilityUtil/isDisabled.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/styleResolver.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/resolveShadowValue.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/modules/AccessibilityUtil/propsToAriaRole.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/modules/modality/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/dist/exports/StyleSheet/StyleSheet.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/modules/ImageLoader/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/DeviceInfo/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/TextInput/types.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/Switch/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/exports/Animated/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/modules/requestIdleCallback/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/modules/normalizeColor/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/AccessibilityUtil/propsToAccessibilityComponent.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/AccessibilityUtil/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/useElementLayout/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/modules/dismissKeyboard/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/Switch/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/exports/ScrollView/ScrollViewBase.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/modules/isWebColor/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
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 */
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tgz/package/src/modules/useMergeRefs/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/useMergeRefs/index.js.flow

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/src/modules/useStable/index.js  
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/src/modules/forwardedProps/index.js  
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```
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```

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```

```
*
```

```
* @flow
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
export type FillRateInfo = Info;
```

```
declare class Info {
```

```
  any_blank_count: number,
```

```
  any_blank_ms: number,
```

```
  any_blank_speed_sum: number,
```

```
  mostly_blank_count: number,
```

```
  mostly_blank_ms: number,
```

```
  pixels_blank: number,
```

```
  pixels_sampled: number,
```

```
  pixels_scrolled: number,
```

```
  total_time_spent: number,
```

```
  sample_count: number,
```

```
}
```

```
type FrameMetrics = {
```

```
  inLayout?: boolean,
```

```
  length: number,
```

```
  offset: number,
```

```
  ...
```

```
};
```

```
const DEBUG = false;
```

```
let _listeners: Array<(Info) => void> = [];
```

```
let _minSampleCount = 10;
```

```
let _sampleRate = DEBUG ? 1 : null;
```

```
/**
```

```
* A helper class for detecting when the maximum fill rate of `VirtualizedList` is exceeded.
```

```
* By default the sampling rate is set to zero and this will do nothing. If you want to collect
```

```
* samples (e.g. to log them), make sure to call `FillRateHelper.setSampleRate(0.0-1.0)`.
```

```
*
```

```
* Listeners and sample rate are global for all `VirtualizedList`s - typical usage will combine with
```

```
* `SceneTracker.getActiveScene` to determine the context of the events.
```



```
*/
```

```
declare class FillRateHelper {
  _anyBlankStartTime: any,
  _enabled: any,
  _getFrameMetrics: (index: number) => ?FrameMetrics,
  _info: any,
  _mostlyBlankStartTime: any,
  _samplesStartTime: any,
  static addListener(callback: (FillRateInfo) => void): {
    remove: () => void,
    ...
  },
  static setSampleRate(sampleRate: number): any,
  static setMinSampleCount(minSampleCount: number): any,
  constructor(getFrameMetrics: (index: number) => ?FrameMetrics): any,
  activate(): any,
  deactivateAndFlush(): any,
  computeBlankness(props: {
    data: any,
    getItemCount: (data: any) => number,
    initialNumToRender: number,
    ...
  }, state: {
    first: number,
    last: number,
    ...
  }, scrollMetrics: {
    dOffset: number,
    offset: number,
    velocity: number,
    visibleLength: number,
    ...
  }): number,
  enabled(): boolean,
  _resetData(): any,
}
export default FillRateHelper;
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/FillRateHelper/index.js.flow
```

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```
/**
```

```
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```

```
*
```

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- *
- * @flow
- * @format
- */

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- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/nodes/AnimatedMultiplication.js
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/FillRateHelper/index.js
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/AnimatedEvent.js
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/ViewabilityHelper/index.js
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/TurboModule/TurboModuleRegistry.js
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/PanResponder/index.js.flow
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/VirtualizedSectionList/index.js
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/Animated.js.flow
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/NativeAnimatedTurboModule.js.flow
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/Touchable/index.js
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/ViewabilityHelper/index.js.flow
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/animations/SpringAnimation.js
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedTransform.js.flow
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/FlatList/index.js
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/PanResponder/index.js
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedDiffClamp.js.flow
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/animations/TimingAnimation.js
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/animations/DecayAnimation.js
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/NativeAnimatedModule.js
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedDivision.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/nodes/AnimatedValue.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/nodes/AnimatedSubtraction.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedProps.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Touchable/index.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/nodes/AnimatedTracking.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/nodes/AnimatedStyle.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/animations/TimingAnimation.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedStyle.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/nodes/AnimatedValueXY.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/NativeAnimatedModule.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/PanResponder/Alternative.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/VirtualizedSectionList/index.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedAddition.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/VirtualizedList/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/FlatList/index.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/nodes/AnimatedInterpolation.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/SectionList/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedValue.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/Animated.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/LayoutAnimation/index.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedModulo.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedInterpolation.js.flow

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* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/VirtualizedList/index.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedMultiplication.js.flow

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* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/animations/SpringAnimation.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/nodes/AnimatedTransform.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/NativeAnimatedTurboModule.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/AnimatedEvent.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/nodes/AnimatedDiffClamp.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedNode.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/nodes/AnimatedModulo.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/SectionList/index.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/nodes/AnimatedAddition.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/nodes/AnimatedNode.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/AnimatedMock.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/animations/DecayAnimation.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/nodes/AnimatedDivision.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/animations/Animation.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/TurboModule/TurboModuleRegistry.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/AnimatedImplementation.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/animations/Animation.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/LayoutAnimation/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedTracking.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/nodes/AnimatedProps.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedValueXY.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/VirtualizeUtils/index.js.flow

- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/createAnimatedComponent.js
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/createAnimatedComponent.js.flow
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/AnimatedMock.js
- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/VirtualizeUtils/index.js

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- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/NativeEventEmitter/index.js.flow

- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/TouchableWithoutFeedback/index.js

- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedWithChildren.js.flow

- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/TouchableHighlight/index.js.flow

- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Pressable/index.js.flow

- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/components/AnimatedFlatList.js.flow

- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/components/AnimatedImage.js.flow

- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/components/AnimatedView.js.flow

- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/components/AnimatedText.js.flow

- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/TouchableHighlight/index.js

- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/exports/Pressable/index.js

- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/modules/usePressEvent/index.js

- * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-

native/Animated/components/AnimatedScrollView.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/TouchableOpacity/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/nodes/AnimatedWithChildren.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/components/AnimatedFlatList.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/usePressEvent/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/NativeAnimatedHelper.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/components/AnimatedSectionList.js.flow
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* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/modules/usePressEvent/PressResponder.js
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* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/components/AnimatedSectionList.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/NativeEventEmitter/index.js
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* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/VirtualizedList/VirtualizedListContext.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/Animated/components/AnimatedImage.js
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* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/deepDiffer/index.js
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* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/emitter/_EventSubscription.js
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* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Utilities/setAndForwardRef.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/Easing.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/StaticRenderer/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/useWindowDimensions/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/useWindowDimensions/index.js

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```

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*
* @flow
*/
const dataUriPattern = /^data:/;
declare export class ImageUriCache {
  static _maximumEntries: number,
  static _entries: any,
  static has(uri: string): boolean,
  static add(uri: string): any,
  static remove(uri: string): any,
  static _cleanUpIfNeeded(): any,
}
let id = 0;
const requests = {};
const ImageLoader = {
  abort(requestId: number) {
    let image = requests[`${requestId}`];

    if (image) {
      image.onerror = null;
      image.onload = null;
      image = null;
      delete requests[`${requestId}`];
    }
  },

  getSize(uri: string, success: (width: number, height: number) => void, failure: () => void) {
    let complete = false;
    const interval = setInterval(callback, 16);
    const requestId = ImageLoader.load(uri, callback, errorCallback);
    declare function callback(): any;
    declare function errorCallback(): any;
  },

  has(uri: string): boolean {
    return ImageUriCache.has(uri);
  },

  load(uri: string, onLoad: Function, onError: Function): number {
    id += 1;
    const image = new window.Image();
    image.onerror = onError;

    image.onload = e => {
      // avoid blocking the main thread

```



```

declare var onDecode: () => any;

if (typeof image.decode === 'function') {
  // Safari currently throws exceptions when decoding svgs.
  // We want to catch that error and allow the load handler
  // to be forwarded to the onLoad handler in this case
  image.decode().then(onDecode, onDecode);
} else {
  setTimeout(onDecode, 0);
}
};

image.src = uri;
requests[`${id}`] = image;
return id;
},

prefetch(uri: string): Promise<void> {
  return new Promise((resolve, reject) => {
    ImageLoader.load(uri, () => {
      // Add the uri to the cache so it can be immediately displayed when used
      // but also immediately remove it to correctly reflect that it has no active references
      ImageUriCache.add(uri);
      ImageUriCache.remove(uri);
      resolve();
    }, reject);
  });
},

queryCache(uris: Array<string>): Promise<{|
  [uri: string]: 'disk/memory'
}|> {
  const result = {};
  uris.forEach(u => {
    if (ImageUriCache.has(u)) {
      result[u] = 'disk/memory';
    }
  });
  return Promise.resolve(result);
}

};
export default ImageLoader;

```

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/ImageLoader/index.js.flow

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 *
 * @flow
 */
```

```
declare function emptyFunction(): any;
```

```
const BackHandler = {
  exitApp: emptyFunction,
```

```
  addEventListener(): {|
    remove: () => void
  } {
    return {
      remove: emptyFunction
    };
  },
```

```
  removeEventListener: emptyFunction
```

```
};
```

```
export default BackHandler;
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/BackHandler/index.js.flow
```

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 *
 * @flow strict
 * @format
 */
```

```
'use strict'; // This exists as a separate file only to avoid circular dependencies from
// using this in `_EmitterSubscription`. Combine this back into `EventEmitter`
// after migration and cleanup is done.
```

```
export interface EventSubscription {
```

```
  remove(): void
```

```
}
```

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/emitter/EventSubscription.js.flow

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/**

* Adapts focus styles based on the user's active input modality (i.e., how they are interacting with the UI right now).

*

* Focus styles are only relevant when using the keyboard to interact with the page. If we only show the focus ring when relevant, we can avoid user confusion without compromising accessibility.

*

* The script uses two heuristics to determine whether the keyboard is being used:

*

* 1. a keydown event occurred immediately before a focus event;

* 2. a focus event happened on an element which requires keyboard interaction (e.g., a text field);

*

* This software or document includes material copied from or derived from <https://github.com/WICG/focus-visible>.

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*

*

*/

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/modality.jsz

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/StyleSheet/modality.js

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*

* @format

* @flow strict-local

*/

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Batchinator/index.js.flow

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

```
tgz/package/src/exports/useWindowDimensions/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-
native/Batchinator/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-
native/StaticContainer/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/exports/useWindowDimensions/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-
native/StaticContainer/index.js
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```

```
/**
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 *
 * @flow
 */
export type PackagerAsset = {
  __packager_asset: boolean,
  fileSystemLocation: string,
  httpServerLocation: string,
  width: ?number,
  height: ?number,
  scales: Array<number>,
  hash: string,
  name: string,
  type: string,
};
const assets: Array<PackagerAsset> = [];
declare export function registerAsset(asset: PackagerAsset): number;
declare export function getAssetByID(assetId: number): PackagerAsset;
```

```
Found in path(s):
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/AssetRegistry/index.js.flow
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```

```
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 *
 * @noflow
 */
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/src/exports/ScrollView/index.js  
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/dist/exports/findNodeHandle/index.js.flow  
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/src/exports/AppState/index.js  
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/dist/exports/AppState/index.js.flow  
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/src/exports/findNodeHandle/index.js  
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/src/exports/Picker/PickerItem.js  
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/dist/exports/Picker/PickerItem.js.flow  
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-  
tgz/package/dist/exports/ScrollView/index.js.flow
```

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```
/**
```

```
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```

```
*
```

```
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```

```
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```

```
*
```

```
* @flow strict
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
/**
```

```
* NOTE: This is React Native specific export type.
```

```
*
```

```
* RCTExport is an interface type that allows native code generation for React
```

```
* Native native modules. It exists as a hint to the codegen tool that any
```

```
* interface that extends it needs to be codegen'ed. Example usage:
```

```
*
```

```
* export interface RCTFoobar extends RCTExport<void> {}
```

```
*
```

```
* Native definition for RCTFoobar will then be generated.
```

```
*
```

```
* The type param T is a placeholder for future codegen hinting, like versioning
```

```
* information, native base classes, etc. For now, simply use `void` type as
```

```
* there's nothing to give hint about.
```

```
*/
```

```
// eslint-disable-next-line no-unused-vars
```

```
export interface RCTExport<T: void = void> {
```

```
+getConstants?: () => {}  
} // eslint-disable-next-line lint/react-native-modules
```

```
export interface TurboModule extends RCTExport<void> {}
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/TurboModule/RCTExport.js.flow
```

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```
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```

```
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```
*
```

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```

```
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```

```
*
```

```
* @flow strict
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
export type SyntheticEvent<T> = $ReadOnly<{|
```

```
  bubbles: ?boolean,
```

```
  cancelable: ?boolean,
```

```
  currentTarget: HTMLInputElement,
```

```
  defaultPrevented: ?boolean,
```

```
  dispatchConfig: $ReadOnly<{|
```

```
    registrationName: string
```

```
  |>>,
```

```
  eventPhase: ?number,
```

```
  preventDefault: () => void,
```

```
  isDefaultPrevented: () => boolean,
```

```
  stopPropagation: () => void,
```

```
  isPropagationStopped: () => boolean,
```

```
  isTrusted: ?boolean,
```

```
  nativeEvent: T,
```

```
  persist: () => void,
```

```
  target: ?HTMLInputElement,
```

```
  timeStamp: number,
```

```
  type: ?string,
```

```
  |>};
```

```
export type ResponderSyntheticEvent<T> = $ReadOnly<{| ...SyntheticEvent<T>,
```

```
  touchHistory: $ReadOnly<{|
```

```
    indexOfSingleActiveTouch: number,
```

```
    mostRecentTimeStamp: number,
```

```
    numberActiveTouches: number,
```

```
    touchBank: $ReadOnlyArray<$ReadOnly<{|
```

```
      touchActive: boolean,
```

```

    startPageX: number,
    startPageY: number,
    startTimeStamp: number,
    currentPageX: number,
    currentPageY: number,
    currentTimeStamp: number,
    previousPageX: number,
    previousPageY: number,
    previousTimeStamp: number,
  }>>,
  }>,
  }>;
export type Layout = $ReadOnly<{
  x: number,
  y: number,
  width: number,
  height: number,
}>;
export type TextLayout = $ReadOnly<{ ...Layout,
  ascender: number,
  capHeight: number,
  descender: number,
  text: string,
  xHeight: number,
}>;
export type LayoutEvent = SyntheticEvent<$ReadOnly<{
  layout: Layout
}>>;
export type TextLayoutEvent = SyntheticEvent<$ReadOnly<{
  lines: Array<TextLayout>
}>>;
export type PressEvent = ResponderSyntheticEvent<$ReadOnly<{
  changedTouches: $ReadOnlyArray<$PropertyType<PressEvent, 'nativeEvent'>>,
  force: number,
  identifier: number,
  locationX: number,
  locationY: number,
  pageX: number,
  pageY: number,
  target: ?HTMLDivElement,
  timestamp: number,
  touches: $ReadOnlyArray<$PropertyType<PressEvent, 'nativeEvent'>>,
}>>;
export type ScrollEvent = SyntheticEvent<$ReadOnly<{
  contentInset: $ReadOnly<{
    bottom: number,
    left: number,
    right: number,

```

```

    top: number,
  }>,
  contentOffset: $ReadOnly<{|
    y: number,
    x: number,
  }>,
  contentSize: $ReadOnly<{|
    height: number,
    width: number,
  }>,
  layoutMeasurement: $ReadOnly<{|
    height: number,
    width: number,
  }>,
  targetContentOffset?: $ReadOnly<{|
    y: number,
    x: number,
  }>,
  velocity?: $ReadOnly<{|
    y: number,
    x: number,
  }>,
  zoomScale?: number,
  responderIgnoreScroll?: boolean,
  }>>;
export type SwitchChangeEvent = SyntheticEvent<$ReadOnly<{|
  value: boolean
  }>>;

```

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Types/CoreEventTypes.js.flow

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*

* @format

*/

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* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-

native/Animated/AnimatedMock.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedInterpolation.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/ViewabilityHelper/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/FillRateHelper/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/nodes/AnimatedModulo.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/Animated.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Touchable/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/components/AnimatedSectionList.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/PanResponder/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/TouchableWithoutFeedback/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/FlatList/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/usePressEvent/PressResponder.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedTracking.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedValue.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/animations/DecayAnimation.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/NativeEventEmitter/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/emitter/EventSubscription.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/FillRateHelper/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/nodes/AnimatedValue.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/TurboModule/RCTExport.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedStyle.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/components/AnimatedView.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/TurboModule/TurboModuleRegistry.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/usePressEvent/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-

tgz/package/dist/exports/TouchableOpacity/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedDivision.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedModulo.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/components/AnimatedFlatList.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/createAnimatedComponent.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/components/AnimatedImage.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/Pressable/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/animations/SpringAnimation.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/nodes/AnimatedWithChildren.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/PanResponder/Alternative.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/TouchableHighlight/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedAddition.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/components/AnimatedText.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/TouchableOpacity/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/emitter/EventEmitter.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/LayoutAnimation/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/animations/Animation.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/modules/usePressEvent/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/VirtualizedList/VirtualizedListContext.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/AnimatedImplementation.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/nodes/AnimatedDiffClamp.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/NativeEventEmitter/RCTDeviceEventEmitter.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Types/CoreEventTypes.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedDiffClamp.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-

native/Animated/createAnimatedComponent.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/nodes/AnimatedTracking.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/NativeEventEmitter/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/components/AnimatedView.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/Touchable/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/animations/SpringAnimation.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedTransform.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/NativeAnimatedTurboModule.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedNode.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/VirtualizeUtils/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/TouchableHighlight/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/VirtualizeUtils/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/nodes/AnimatedInterpolation.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/SectionList/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/nodes/AnimatedProps.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/nodes/AnimatedTransform.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/nodes/AnimatedMultiplication.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/nodes/AnimatedSubtraction.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/components/AnimatedScrollView.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/animations/TimingAnimation.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/components/AnimatedImage.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/SectionList/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/AnimatedEvent.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/AnimatedImplementation.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-

native/Animated/NativeAnimatedHelper.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedProps.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/emitter/EventEmitter.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/modules/usePressEvent/PressResponder.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedSubtraction.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/TurboModule/RCTExport.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/nodes/AnimatedDivision.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/ViewabilityHelper/index.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/emitter/EventSubscription.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/components/AnimatedText.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/NativeAnimatedModule.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Types/CoreEventTypes.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/NativeEventEmitter/RCTDeviceEventEmitter.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/VirtualizedSectionList/index.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/Pressable/index.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedValueXY.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedWithChildren.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/VirtualizedSectionList/index.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/TouchableWithoutFeedback/index.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/animations/Animation.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/nodes/AnimatedMultiplication.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/animations/DecayAnimation.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/nodes/AnimatedAddition.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/PanResponder/Alternative.js
 * /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-

native/LayoutAnimation/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/NativeAnimatedModule.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/nodes/AnimatedStyle.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/nodes/AnimatedValueXY.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/NativeAnimatedTurboModule.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/AnimatedEvent.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/TurboModule/TurboModuleRegistry.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/NativeAnimatedHelper.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/Animated/nodes/AnimatedNode.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/AnimatedMock.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/PanResponder/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/Animated/animations/TimingAnimation.js
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*  
*  
*/
```

Found in path(s):
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/LogBox/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/exports/LogBox/index.js
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*  
* @flow
```

```

*/
export type ColorValue = null | string;
export type DimensionValue = null | number | string;
export type EdgeInsetsValue = {
  top: number,
  left: number,
  right: number,
  bottom: number,
};
export type GenericStyleProp<+T> = null | void | $ReadOnly<T> | false | " |
$ReadOnlyArray<GenericStyleProp<T>>;
export type LayoutValue = {
  x: number,
  y: number,
  width: number,
  height: number,
};
export type LayoutEvent = {
  nativeEvent: {
    layout: LayoutValue,
    target: any,
  },
  timeStamp: number,
};
export type PointValue = {
  x: number,
  y: number,
};
type LayoutCallback = (x: number, y: number, width: number, height: number, left: number, top: number) => void;
type MeasureInWindowCallback = (left: number, top: number, width: number, height: number) => void; // Mixin to
HTML<Element> that represents additions from the `usePlatformMethods` hook

export interface PlatformMethods {
  blur: () => void,
  focus: () => void,
  measure: (callback: LayoutCallback) => void,
  measureInWindow: (callback: MeasureInWindowCallback) => void,
  measureLayout: (relativeToNativeNode: {}, onSuccess: LayoutCallback, onFail: () => void) => void,
  setNativeProps: (nativeProps: {}) => void,
}

```

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/types/index.js.flow

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*

```
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*
* From React 16.3.0
* @noflow
*/
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/dist/modules/setValueForStyles/index.js.flow
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-
tgz/package/src/modules/setValueForStyles/index.js
```

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```
/**
```

```
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*/
```

Found in path(s):

```
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-
native/infoLog/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-
native/infoLog/index.js
* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-
native/infoLog/index.js
```

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```
/**
```

```
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*
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* LICENSE file in the root directory of this source tree.
*
* @flow
*/
```

```
const emptyObject = {};
const objects = {};
const prefix = 'r';
let uniqueID = 1;
declare var createKey: (id: any) => any;
declare export default class ReactNativePropRegistry {
  static register(object: Object): number,
  static getByID(id: number): Object,
}
```

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/exports/StyleSheet/ReactNativePropRegistry.js.flow
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*

* @format

*/

Found in path(s):

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/cjs/vendor/react-native/TouchHistoryMath/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/dist/vendor/react-native/TouchHistoryMath/index.js

* /opt/cola/permits/1226616891_1636580543.73/0/react-native-web-0-17-1-tgz/package/src/vendor/react-native/TouchHistoryMath/index.js

1.655 expo-secure-store 11.0.3

1.655.1 Available under license :

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Found in path(s):

* /opt/cola/permits/1226617254_1636580295.64/0/expo-secure-store-11-0-3-tgz/package/ios/EXSecureStore/EXSecureStore.h

* /opt/cola/permits/1226617254_1636580295.64/0/expo-secure-store-11-0-3-tgz/package/ios/EXSecureStore/EXSecureStore.m

1.656 @babel/helper-module-transforms

7.17.6

1.656.1 Available under license :

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1.657 cross-fetch-polyfill 0.0.0

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1.658 moment 2.23.0

1.658.1 Available under license :

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1.659 expo 43.0.5

1.659.1 Available under license :

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1.660 on-headers 1.0.2

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1.661 expo-manifests 0.2.4

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Found in path(s):

* /opt/cola/permits/1287718713_1647270991.5/0/expo-manifests-0-2-4-tgz/package/ios/Tests/EXManifestsNewManifestTests.m

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Found in path(s):

* /opt/cola/permits/1287718713_1647270991.5/0/expo-manifests-0-2-4-tgz/package/ios/EXManifests/EXManifestsBaseManifest.h

* /opt/cola/permits/1287718713_1647270991.5/0/expo-manifests-0-2-4-tgz/package/ios/EXManifests/EXManifestsNewManifest.m

* /opt/cola/permits/1287718713_1647270991.5/0/expo-manifests-0-2-4-tgz/package/ios/EXManifests/EXManifestsBaseManifest.m

* /opt/cola/permits/1287718713_1647270991.5/0/expo-manifests-0-2-4-tgz/package/ios/EXManifests/EXManifestsNewManifest.h

* /opt/cola/permits/1287718713_1647270991.5/0/expo-manifests-0-2-4-tgz/package/ios/EXManifests/EXManifestsBareManifest.m

* /opt/cola/permits/1287718713_1647270991.5/0/expo-manifests-0-2-4-tgz/package/ios/EXManifests/EXManifestsBaseLegacyManifest.h

* /opt/cola/permits/1287718713_1647270991.5/0/expo-manifests-0-2-4-tgz/package/ios/EXManifests/EXManifestsManifestFactory.m

* /opt/cola/permits/1287718713_1647270991.5/0/expo-manifests-0-2-4-tgz/package/ios/EXManifests/EXManifestsManifest.h

* /opt/cola/permits/1287718713_1647270991.5/0/expo-manifests-0-2-4-tgz/package/ios/EXManifests/EXManifestsManifestFactory.h

* /opt/cola/permits/1287718713_1647270991.5/0/expo-manifests-0-2-4-tgz/package/ios/EXManifests/EXManifestsLegacyManifest.m

* /opt/cola/permits/1287718713_1647270991.5/0/expo-manifests-0-2-4-tgz/package/ios/EXManifests/EXManifestsBareManifest.h

* /opt/cola/permits/1287718713_1647270991.5/0/expo-manifests-0-2-4-

tgz/package/ios/EXManifests/EXManifestsLegacyManifest.h
* /opt/cola/permits/1287718713_1647270991.5/0/expo-manifests-0-2-4-
tgz/package/ios/EXManifests/EXManifestsBaseLegacyManifest.m

1.662 resolve-from 5.0.0

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1.663 mime-types 2.1.34

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1.664 finalhandler 1.1.2

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1.665 babel-plugin-syntax-trailing-function-commas 7.0.0-beta.0

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1.666 scheduler 0.20.2

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1.667 posix-character-classes 0.1.1

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1.668 decode-uri-component 0.2.0

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1.669 @react-native/assets 1.0.0

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1.670 nodelib-fs-stat 2.0.5

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1.671 d3-scale 1.0.7

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1.672 types-istanbul-lib-report 3.0.0

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1.673 @jridgewell/sourcemap-codec 1.4.11

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1.674 @babel/plugin-syntax-optional-catch-binding 7.8.3

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1.675 @react-native-community/cli-server-api

6.4.3

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```
* /opt/cola/permits/1287718559_1647270983.87/0/cli-server-api-6-4-3-
tgz/package/build/websocket/debuggerProxyServer.js
* /opt/cola/permits/1287718559_1647270983.87/0/cli-server-api-6-4-3-
tgz/package/build/websocket/debuggerProxyServer.d.ts
* /opt/cola/permits/1287718559_1647270983.87/0/cli-server-api-6-4-3-
tgz/package/build/websocket/createDebuggerProxyEndpoint.d.ts
* /opt/cola/permits/1287718559_1647270983.87/0/cli-server-api-6-4-3-
tgz/package/build/websocket/createDebuggerProxyEndpoint.js
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- * /opt/cola/permits/1287718559_1647270983.87/0/cli-server-api-6-4-3-tgz/package/build/websocket/messageSocketServer.d.ts
- * /opt/cola/permits/1287718559_1647270983.87/0/cli-server-api-6-4-3-tgz/package/build/rawBodyMiddleware.js
- * /opt/cola/permits/1287718559_1647270983.87/0/cli-server-api-6-4-3-tgz/package/build/devToolsMiddleware.d.ts
- * /opt/cola/permits/1287718559_1647270983.87/0/cli-server-api-6-4-3-tgz/package/build/systraceProfileMiddleware.d.ts
- * /opt/cola/permits/1287718559_1647270983.87/0/cli-server-api-6-4-3-tgz/package/build/websocket/createMessageSocketEndpoint.js
- * /opt/cola/permits/1287718559_1647270983.87/0/cli-server-api-6-4-3-tgz/package/build/openURLMiddleware.js
- * /opt/cola/permits/1287718559_1647270983.87/0/cli-server-api-6-4-3-tgz/package/build/devToolsMiddleware.js
- * /opt/cola/permits/1287718559_1647270983.87/0/cli-server-api-6-4-3-tgz/package/build/securityHeadersMiddleware.d.ts
- * /opt/cola/permits/1287718559_1647270983.87/0/cli-server-api-6-4-3-tgz/package/build/indexPageMiddleware.js
- * /opt/cola/permits/1287718559_1647270983.87/0/cli-server-api-6-4-3-tgz/package/build/statusPageMiddleware.d.ts
- * /opt/cola/permits/1287718559_1647270983.87/0/cli-server-api-6-4-3-tgz/package/build/indexPageMiddleware.d.ts
- * /opt/cola/permits/1287718559_1647270983.87/0/cli-server-api-6-4-3-tgz/package/build/statusPageMiddleware.js
- * /opt/cola/permits/1287718559_1647270983.87/0/cli-server-api-6-4-3-tgz/package/build/websocket/messageSocketServer.js
- * /opt/cola/permits/1287718559_1647270983.87/0/cli-server-api-6-4-3-tgz/package/build/securityHeadersMiddleware.js
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- * /opt/cola/permits/1287718559_1647270983.87/0/cli-server-api-6-4-3-tgz/package/build/websocket/createMessageSocketEndpoint.d.ts
- * /opt/cola/permits/1287718559_1647270983.87/0/cli-server-api-6-4-3-tgz/package/build/systraceProfileMiddleware.js

1.676 path-parse 1.0.7

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1.677 @react-navigation/stack 5.10.0

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1.678 fast-glob 3.2.11

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1.679 cli-cursor 2.1.0

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1.680 command-exists 1.2.9

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1.681 graceful-fs 4.2.9

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1.682 @babel/plugin-transform-exponentiation-operator 7.16.7

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1.683 ansi-styles 3.2.1

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1.684 fs-extra 1.0.0

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1.685 has-value 1.0.0

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1.686 fill-range 7.0.1

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1.687 babel-preset-typescript 7.16.7

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1.688 jsonfile 6.1.0

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1.689 @babel/plugin-proposal-export-namespace-from 7.16.7

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1.690 jsprim 1.4.2

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1.691 remove-trailing-separator 1.1.0

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1.692 ret 0.1.15

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1.693 expo-file-system 13.0.3

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- * /opt/cola/permits/1226618190_1636580276.93/0/expo-file-system-13-0-3-tgz/package/ios/EXFileSystem/EXFileSystem.m
- * /opt/cola/permits/1226618190_1636580276.93/0/expo-file-system-13-0-3-tgz/package/ios/EXFileSystem/EXFileSystem.h

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- * /opt/cola/permits/1226618190_1636580276.93/0/expo-file-system-13-0-3-tgz/package/ios/EXFileSystem/EXSessionTasks/EXSessionTaskDispatcher.h
- * /opt/cola/permits/1226618190_1636580276.93/0/expo-file-system-13-0-3-tgz/package/ios/EXFileSystem/EXSessionTasks/EXSessionDownloadTaskDelegate.m
- * /opt/cola/permits/1226618190_1636580276.93/0/expo-file-system-13-0-3-tgz/package/ios/EXFileSystem/EXSessionTasks/EXSessionResumableDownloadTaskDelegate.m
- * /opt/cola/permits/1226618190_1636580276.93/0/expo-file-system-13-0-3-tgz/package/ios/EXFileSystem/EXSessionTasks/EXSessionDownloadTaskDelegate.h
- * /opt/cola/permits/1226618190_1636580276.93/0/expo-file-system-13-0-3-tgz/package/ios/EXFileSystem/EXSessionTasks/EXSessionTaskDispatcher.m
- * /opt/cola/permits/1226618190_1636580276.93/0/expo-file-system-13-0-3-tgz/package/ios/EXFileSystem/EXSessionTasks/EXSessionResumableDownloadTaskDelegate.h
- * /opt/cola/permits/1226618190_1636580276.93/0/expo-file-system-13-0-3-tgz/package/ios/EXFileSystem/EXSessionTasks/EXSessionHandler.m
- * /opt/cola/permits/1226618190_1636580276.93/0/expo-file-system-13-0-3-tgz/package/ios/EXFileSystem/EXSessionTasks/EXSessionTaskDelegate.m
- * /opt/cola/permits/1226618190_1636580276.93/0/expo-file-system-13-0-3-tgz/package/ios/EXFileSystem/EXSessionTasks/EXSessionCancelableUploadTaskDelegate.h
- * /opt/cola/permits/1226618190_1636580276.93/0/expo-file-system-13-0-3-tgz/package/ios/EXFileSystem/EXSessionTasks/EXSessionTaskDelegate.h
- * /opt/cola/permits/1226618190_1636580276.93/0/expo-file-system-13-0-3-tgz/package/ios/EXFileSystem/EXSessionTasks/EXSessionHandler.h
- * /opt/cola/permits/1226618190_1636580276.93/0/expo-file-system-13-0-3-tgz/package/ios/EXFileSystem/EXSessionTasks/EXSessionUploadTaskDelegate.h
- * /opt/cola/permits/1226618190_1636580276.93/0/expo-file-system-13-0-3-tgz/package/ios/EXFileSystem/EXSessionTasks/EXSessionUploadTaskDelegate.m
- * /opt/cola/permits/1226618190_1636580276.93/0/expo-file-system-13-0-3-tgz/package/ios/EXFileSystem/EXSessionTasks/EXTaskHandlersManager.m
- * /opt/cola/permits/1226618190_1636580276.93/0/expo-file-system-13-0-3-tgz/package/ios/EXFileSystem/EXSessionTasks/EXTaskHandlersManager.h
- * /opt/cola/permits/1226618190_1636580276.93/0/expo-file-system-13-0-3-tgz/package/ios/EXFileSystem/NSData+EXFileSystem.m
- * /opt/cola/permits/1226618190_1636580276.93/0/expo-file-system-13-0-3-tgz/package/ios/EXFileSystem/EXSessionTasks/EXSessionCancelableUploadTaskDelegate.m
- * /opt/cola/permits/1226618190_1636580276.93/0/expo-file-system-13-0-3-tgz/package/ios/EXFileSystem/NSData+EXFileSystem.h
- * /opt/cola/permits/1226618190_1636580276.93/0/expo-file-system-13-0-3-tgz/package/ios/EXFileSystem/EXFilePermissionModule.m

* /opt/cola/permits/1226618190_1636580276.93/0/expo-file-system-13-0-3-tgz/package/ios/EXFileSystem/EXFilePermissionModule.h

1.694 klaw 1.3.1

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1.695 redux-thunk 2.3.0

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1.696 metro-react-native-babel-transformer

0.66.2

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 *
 * @format
 */
```

Found in path(s):

```
*/opt/cola/permits/1235010819_1638334362.99/0/metro-react-native-babel-transformer-0-66-2-tgz/package/src/index.js
```

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 *
 * @flow
 * @format
 */
```

Found in path(s):

```
*/opt/cola/permits/1235010819_1638334362.99/0/metro-react-native-babel-transformer-0-66-2-tgz/package/src/index.js.flow
```

1.697 semver 7.3.5

1.697.1 Available under license :

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1.698 fbjs 0.8.18

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1.699 cosmiconfig 5.2.1

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1.700 mime-db 1.51.0

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1.701 rimraf 2.2.8

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1.702 write-file-atomic 2.4.3

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1.703 camelcase 6.3.0

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1.704 normalize-path 2.1.1

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1.705 expo-structured-headers 2.0.0

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1.706 wewidth 1.0.1

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wewidth.js: JavaScript Portng of Markus Kuhn's wewidth() Implementation

=====

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1.707 @babel/preset-env 7.16.11

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1.708 for-in 1.0.2

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1.709 balanced-match 1.0.2

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1.712 jest-serializer 26.6.2

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1.713 metro-config 0.66.2

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 * @format
 * @flow strict-local
 */
```

Found in path(s):

```
* /opt/cola/permits/1235010529_1638334329.82/0/metro-config-0-66-2-tgz/package/src/configTypes.flow.js.flow
```

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 *
 * @flow strict
 * @format
 */
```

```
'use strict';
```

```
const defaultCreateModuleIdFactory = require('metro/src/lib/createModuleIdFactory');
```

```
exports.assetExts = [  
  // Image formats  
  'bmp',  
  'gif',  
  'jpg',  
  'jpeg',  
  'png',  
  'psd',  
  'svg',  
  'webp',  
  // Video formats  
  'm4v',  
  'mov',  
  'mp4',  
  'mpeg',  
  'mpg',  
  'webm',  
  // Audio formats  
  'aac',  
  'aiff',  
  'caf',  
  'm4a',  
  'mp3',  
  'wav',  
  // Document formats  
  'html',  
  'pdf',  
  'yaml',  
  'yml',  
  // Font formats  
  'otf',  
  'ttf',  
  // Archives (virtual files)  
  'zip',  
];  
  
exports.assetResolutions = ['1', '1.5', '2', '3', '4'];  
  
exports.sourceExts = ['js', 'json', 'ts', 'tsx'];  
  
exports.moduleSystem = (require.resolve(  
  'metro-runtime/src/polyfills/require.js',  
): string);  
  
exports.platforms = ['ios', 'android', 'windows', 'web'];  
  
exports.DEFAULT_METRO_MINIFIER_PATH = 'metro-minify-uglify';
```



```
exports.defaultCreateModuleIdFactory = defaultCreateModuleIdFactory;
```

Found in path(s):

* /opt/cola/permits/1235010529_1638334329.82/0/metro-config-0-66-2-tgz/package/src/defaults/defaults.js.flow

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```
*
```

```
* @flow strict-local
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
const getDefaultConfig = require('./defaults');
```

```
const {loadConfig, resolveConfig, mergeConfig} = require('./loadConfig');
```

```
module.exports = {  
  loadConfig,  
  resolveConfig,  
  mergeConfig,  
  getDefaultConfig,  
};
```

Found in path(s):

* /opt/cola/permits/1235010529_1638334329.82/0/metro-config-0-66-2-tgz/package/src/index.js.flow

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*
```

```
* @flow
```

```
* @format
```

```
*/
```

Found in path(s):

* /opt/cola/permits/1235010529_1638334329.82/0/metro-config-0-66-2-tgz/package/src/defaults/index.js.flow

* /opt/cola/permits/1235010529_1638334329.82/0/metro-config-0-66-2-tgz/package/src/loadConfig.js.flow

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* /opt/cola/permits/1235010529_1638334329.82/0/metro-config-0-66-2-tgz/package/src/defaults/index.js
* /opt/cola/permits/1235010529_1638334329.82/0/metro-config-0-66-2-tgz/package/src/defaults/validConfig.js
* /opt/cola/permits/1235010529_1638334329.82/0/metro-config-0-66-2-tgz/package/src/defaults/defaults.js
* /opt/cola/permits/1235010529_1638334329.82/0/metro-config-0-66-2-tgz/package/src/index.js
```

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 *
 * @flow
 * @format
 */
```

'use strict';

```
module.exports = (async () => {
  const defaultConfig = await require('./index')('/path/to/project');
  const validConfig = {
    ...defaultConfig,
```

```

resolver: {
  ...defaultConfig.resolver,
  resolveRequest: function CustomResolver() {},
  hasteImplModulePath: './path',
},
transformer: {
  ...defaultConfig.transformer,
  getTransformOptions: function getTransformOptions() {},
},
serializer: {
  ...defaultConfig.serializer,
  customSerializer: function customSerializer() {},
},
};

```

```

return validConfig;
}: () => any);

```

Found in path(s):

```

* /opt/cola/permits/1235010529_1638334329.82/0/metro-config-0-66-2-
tgz/package/src/defaults/validConfig.js.flow

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*

```

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* @format

```

```

*/

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```

* /opt/cola/permits/1235010529_1638334329.82/0/metro-config-0-66-2-tgz/package/src/defaults/exclusionList.js

```

1.714 color 3.1.4

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1.715 source-map 0.6.1

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1.716 @expo/config-plugins 4.0.18

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1.717 ob1 0.59.0

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 * strict-local
 * @format
 */
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```
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*/

'use strict';

/* eslint-disable no-redeclare */

// A type representing 0-based offsets.
export opaque type Number0 = number;
// A type representing 1-based offsets.
export opaque type Number1 = number;

// Add two offsets or numbers.
declare function add(a: Number1, b: number): Number1;
declare function add(a: number, b: Number1): Number1;
declare function add(a: Number0, b: number): Number0;
declare function add(a: number, b: Number0): Number0;
declare function add(a: Number1, b: Number0): Number1;
declare function add(a: Number0, b: Number1): Number1;
declare function add(a: Number0, b: Number0): Number0;

function add(a: number, b: number): number {
  return a + b;
}

// Subtract a number or 0-based offset from a 1/0-based offset.
declare function sub(a: Number1, b: number): Number1;
declare function sub(a: Number0, b: number): Number0;
declare function sub(a: number, b: Number0): Number0;
declare function sub(a: Number0, b: number): Number0;
declare function sub(a: Number1, b: Number0): Number1;
declare function sub(a: Number0, b: Number0): Number0;
declare function sub(a: Number1, b: Number1): Number0;

function sub(a: number, b: number): number {
  return a - b;
}

// Get the underlying number of a 0-based offset, casting away the opaque type.
declare function get0(x: Number0): number;
declare function get0(x: void | null): void | null;
function get0(x: number): number {
  return x;
}

```

```

}

// Get the underlying number of a 1-based offset, casting away the opaque type.
declare function get1(x: Number1): number;
declare function get1(x: void | null): void | null;
function get1(x: number): number {
  return x;
}

// Add 1 to a 0-based offset, thus converting it to 1-based.
function add1(x: Number0 | number): Number1 {
  return x + 1;
}

// Subtract 1 from a 1-based offset, thus converting it to 0-based.
function sub1(x: Number1): Number0 {
  return x - 1;
}

// Negate a 0-based offset.
function neg(x: Number0): Number0 {
  return -x;
}

// Cast a number to a 0-based offset.
function add0(x: number): Number0 {
  return x;
}

// Increment a 0-based offset.
declare function inc(a: Number0): Number0;
// Increment a 1-based offset.
declare function inc(a: Number1): Number1;

function inc(x: number): number {
  return x + 1;
}

module.exports = { add, get0, get1, add1, sub1, sub, neg, add0, inc };

```

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*/

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1.718 core-js 1.2.7

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1.719 @babel/helper-replace-supers 7.16.7

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1.720 semver 7.3.2

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1.722 is-arrayish 0.2.1

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1.724 @babel/parser 7.17.3

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1.725 bytes 3.0.0

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1.726 is-data-descriptor 1.0.0

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1.727 d3-path 1.0.9

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1.728 @types/prop-types 15.7.4

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1.729 flow-parser 0.121.0

1.729.1 Available under license :

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1.730 prop-types 15.6.2

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1.731 @babel/plugin-transform-dotall-regex

7.16.7

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1.732 buffer-alloc 1.2.0

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1.733 whatwg-fetch 2.0.4

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1.734 semver 7.0.0

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1.735 babel-plugin-syntax-top-level-await

7.14.5

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1.736 escalate 3.1.1

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1.737 strip-ansi 6.0.1

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1.738 color-convert 1.9.3

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1.739 jest-regex-util 26.0.0

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1.740 jsesc 2.5.2

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1.741 babel-plugin-syntax-jsx 6.18.0

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1.742 compression 1.7.4

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1.743 types-yargs 15.0.14

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1.744 metro-cache 0.66.2

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* @format
* @flow
*/
```

Found in path(s):

```
*/opt/cola/permits/1235010467_1638334394.99/0/metro-cache-0-66-2-tgz/package/src/stores/FileStore.js.flow
```

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* @format
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```
* @flow strict
```

```
*/
```

Found in path(s):

```
*/opt/cola/permits/1235010467_1638334394.99/0/metro-cache-0-66-2-tgz/package/src/stores/NetworkError.js.flow
```

```
*/opt/cola/permits/1235010467_1638334394.99/0/metro-cache-0-66-2-tgz/package/src/stores/HttpError.js.flow
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```
*
```

```
* @format
```

```
* @flow
```

```
*/
```

```
'use strict';
```

```
const FileStore = require('./FileStore');
```

```
const fs = require('fs');
```

```
const path = require('path');
```

```
import type {Options} from './FileStore';
```

```
type CleanOptions = {
```

```
  ...Options,
```

```
intervalMs?: number,  
cleanupThresholdMs?: number,  
...  
};
```

```
type FileList = {  
  path: string,  
  stats: fs.Stats,  
  ...  
};
```

```
// List all files in a directory in Node.js recursively in a synchronous fashion
```

```
const walkSync = function(  
  dir: string,  
  fileList: Array<FileList>,  
): Array<FileList> {  
  const files = fs.readdirSync(dir);  
  fileList = fileList || [];  
  files.forEach(function(file) {  
    const fullPath = path.join(dir, file);  
    const stats = fs.statSync(fullPath);  
    if (stats.isDirectory()) {  
      fileList = walkSync(fullPath + path.sep, fileList);  
    } else {  
      fileList.push({path: fullPath, stats});  
    }  
  });  
  return fileList;  
};
```

```
function get<T>(property: ?T, defaultValue: T): T {  
  if (property == null) {  
    return defaultValue;  
  }  
}
```

```
return property;  
}
```

```
/**
```

```
 * A FileStore that cleans itself up in a given interval  
 */
```

```
class AutoCleanFileStore<T> extends FileStore<T> {  
  _intervalMs: number;  
  _cleanupThresholdMs: number;  
  _root: string;
```

```
  constructor(opts: CleanOptions) {  
    super({root: opts.root});
```

```

this._intervalMs = get(opts.intervalMs, 10 * 60 * 1000); // 10 minutes
this._cleanupThresholdMs = get(
  opts.cleanupThresholdMs,
  3 * 24 * 60 * 60 * 1000, // 3 days
);

this._scheduleCleanup();
}

_scheduleCleanup() {
  // $FlowFixMe[method-unbinding] added when improving typing for this parameters
  setTimeout(this._doCleanup.bind(this), this._intervalMs);
}

_doCleanup() {
  const files = walkSync(this._root, []);

  let warned = false;
  files.forEach(file => {
    if (file.stats.mtimeMs < Date.now() - this._cleanupThresholdMs) {
      try {
        fs.unlinkSync(file.path);
      } catch (e) {
        if (!warned) {
          console.warn(
            'Problem cleaning up cache for ' + file.path + ': ' + e.message,
          );
          warned = true;
        }
      }
    }
  });

  this._scheduleCleanup();
}
}

```

```
module.exports = AutoCleanFileStore;
```

Found in path(s):

```
* /opt/cola/permits/1235010467_1638334394.99/0/metro-cache-0-66-2-
tgz/package/src/stores/AutoCleanFileStore.js.flow
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Found in path(s):

```
* /opt/cola/permits/1235010467_1638334394.99/0/metro-cache-0-66-2-tgz/package/src/stores/HttpError.js
* /opt/cola/permits/1235010467_1638334394.99/0/metro-cache-0-66-2-tgz/package/src/stores/HttpGetStore.js
* /opt/cola/permits/1235010467_1638334394.99/0/metro-cache-0-66-2-tgz/package/src/stores/HttpStore.js
* /opt/cola/permits/1235010467_1638334394.99/0/metro-cache-0-66-2-tgz/package/src/stores/FileStore.js
* /opt/cola/permits/1235010467_1638334394.99/0/metro-cache-0-66-2-
tgz/package/src/stores/AutoCleanFileStore.js
* /opt/cola/permits/1235010467_1638334394.99/0/metro-cache-0-66-2-tgz/package/src/stores/NetworkError.js
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* @flow strict-local
* @format
*/
```

```
'use strict';
```

```
const canonicalize = require('metro-core/src/canonicalize');
const crypto = require('crypto');
```

```
function stableHash(value: mixed): Buffer {
  return (
    crypto
      .createHash('md4')
      /* $FlowFixMe(>=0.95.0 site=react_native_fb) This comment suppresses an
       * error found when Flow v0.95 was deployed. To see the error, delete this
       * comment and run Flow. */
      .update(JSON.stringify(value, canonicalize))
      .digest('buffer')
  );
}
```

```
module.exports = stableHash;
```

Found in path(s):

```
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 *
 * @flow
 * @format
 */

'use strict';

const {Logger} = require('metro-core');

import type {CacheStore} from 'metro-cache';

/**
 * Main cache class. Receives an array of cache instances, and sequentially
 * traverses them to return a previously stored value. It also ensures setting
 * the value in all instances.
 *
 * All get/set operations are logged via Metro's logger.
 */
class Cache<T> {
  _stores: $ReadOnlyArray<CacheStore<T>>;

  _hits: WeakMap<Buffer, CacheStore<T>>;

  constructor(stores: $ReadOnlyArray<CacheStore<T>>) {
    this._hits = new WeakMap();
    this._stores = stores;
  }

  async get(key: Buffer): Promise<?T> {
    const stores = this._stores;
    const length = stores.length;

    for (let i = 0; i < length; i++) {
      const store = stores[i];
      const name = store.constructor.name + '::' + key.toString('hex');
      let value = null;

      const logStart = Logger.log(
        Logger.createActionStartEntry({
          action_name: 'Cache get',
          log_entry_label: name,

```

```

    }),
  );

  try {
    const valueOrPromise = store.get(key);

    // $FlowFixMe[method-unbinding] added when improving typing for this parameters
    if (valueOrPromise && typeof valueOrPromise.then === 'function') {
      value = await valueOrPromise;
    } else {
      value = valueOrPromise;
    }
  } finally {
    Logger.log(Logger.createActionEndEntry(logStart));

    Logger.log(
      Logger.createEntry({
        action_name: 'Cache ' + (value == null ? 'miss' : 'hit'),
        log_entry_label: name,
      }),
    );

    if (value != null) {
      this._hits.set(key, store);

      return value;
    }
  }

  return null;
}

set(key: Buffer, value: T): void {
  const stores = this._stores;
  const stop = this._hits.get(key);
  const length = stores.length;
  const promises = [];

  for (let i = 0; i < length && stores[i] !== stop; i++) {
    const store = stores[i];
    const name = store.constructor.name + ':' + key.toString('hex');

    Logger.log(
      Logger.createEntry({
        action_name: 'Cache set',
        log_entry_label: name,
      }),
    );
  }
}

```

```

    );

    promises.push(stores[i].set(key, value));
  }

  Promise.all(promises).catch(err => {
    process.nextTick(() => {
      throw err;
    });
  });
}

// Returns true if the current configuration disables the cache, such that
// writing to the cache is a no-op and reading from the cache will always
// return null.
get isDisabled(): boolean {
  return this._stores.length === 0;
}
}

module.exports = Cache;

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 * @format
 * @flow
 */

'use strict';

const HttpError = require('./HttpError');
const NetworkError = require('./NetworkError');

const http = require('http');
const https = require('https');
const url = require('url');
const zlib = require('zlib');

import type {Agent as HttpAgent} from 'http';
import type {Agent as HttpsAgent} from 'https';

```

```

export type Options = {
  endpoint: string,
  family?: 4 | 6,
  timeout?: number,
  key?: string | $ReadOnlyArray<string> | Buffer | $ReadOnlyArray<Buffer>,
  cert?: string | $ReadOnlyArray<string> | Buffer | $ReadOnlyArray<Buffer>,
  ca?: string | $ReadOnlyArray<string> | Buffer | $ReadOnlyArray<Buffer>,
};

const ZLIB_OPTIONS = {
  level: 9,
};

const NULL_BYTE = 0x00;
const NULL_BYTE_BUFFER = Buffer.from([NULL_BYTE]);

class HttpStore<T> {
  static HttpError: typeof HttpError = HttpError;
  static NetworkError: typeof NetworkError = NetworkError;

  _module: typeof http | typeof https;
  _timeout: number;

  _host: string;
  _port: number;
  _path: string;

  _getAgent: HttpAgent | HttpsAgent;
  _setAgent: HttpAgent | HttpsAgent;

  constructor(options: Options) {
    const uri = url.parse(options.endpoint);
    const module = uri.protocol === 'http:' ? http : https;

    const agentConfig: http$agentOptions = {
      family: options.family,
      keepAlive: true,
      keepAliveMsecs: options.timeout || 5000,
      maxSockets: 64,
      maxFreeSockets: 64,
    };

    if (options.key != null) {
      // $FlowFixMe `key` is missing in the Flow definition
      agentConfig.key = options.key;
    }
  }
}

```



```

if (options.cert !== null) {
  // $FlowFixMe `cert` is missing in the Flow definition
  agentConfig.cert = options.cert;
}

if (options.ca !== null) {
  // $FlowFixMe `ca` is missing in the Flow definition
  agentConfig.ca = options.ca;
}

if (!uri.hostname || !uri.pathname) {
  throw new TypeError('Invalid endpoint: ' + options.endpoint);
}

this._module = module;
this._timeout = options.timeout || 5000;

this._host = uri.hostname;
this._path = uri.pathname;
this._port = +uri.port;

this._getAgent = new module.Agent(agentConfig);
this._setAgent = new module.Agent(agentConfig);
}

get(key: Buffer): Promise<?T> {
  return new Promise((resolve, reject) => {
    const options = {
      agent: this._getAgent,
      host: this._host,
      method: 'GET',
      path: this._path + '/' + key.toString('hex'),
      port: this._port,
      timeout: this._timeout,
    };

    /* $FlowFixMe(>=0.101.0 site=react_native_fb) This comment suppresses an
     * error found when Flow v0.101 was deployed. To see the error, delete
     * this comment and run Flow. */
    const req = this._module.request(options, res => {
      const code = res.statusCode;
      const data = [];

      if (code === 404) {
        res.resume();
        resolve(null);

        return;
      }

```

```

    } else if (code !== 200) {
      res.resume();
      reject(new HttpError('HTTP error: ' + code, code));

      return;
    }

    const gunzipped = res.pipe(zlib.createGunzip());

    gunzipped.on('data', chunk => {
      data.push(chunk);
    });

    gunzipped.on('error', err => {
      reject(err);
    });

    gunzipped.on('end', () => {
      try {
        const buffer = Buffer.concat(data);

        if (buffer.length > 0 && buffer[0] === NULL_BYTE) {
          resolve((buffer.slice(1): any));
        } else {
          resolve(JSON.parse(buffer.toString('utf8')));
        }
      } catch (err) {
        reject(err);
      }
    });

    res.on('error', err => gunzipped.emit('error', err));
  });

  req.on('error', err => {
    reject(new NetworkError(err.message, err.code));
  });

  req.end();
});
}

set(key: Buffer, value: T): Promise<void> {
  return new Promise((resolve, reject) => {
    const gzip = zlib.createGzip(ZLIB_OPTIONS);

    const options = {
      agent: this._setAgent,

```

```

    host: this._host,
    method: 'PUT',
    path: this._path + '/' + key.toString('hex'),
    port: this._port,
    timeout: this._timeout,
  };

  /* $FlowFixMe(>=0.101.0 site=react_native_fb) This comment suppresses an
  * error found when Flow v0.101 was deployed. To see the error, delete
  * this comment and run Flow. */
  const req = this._module.request(options, res => {
    const code = res.statusCode;

    if (code < 200 || code > 299) {
      res.resume();
      reject(new HttpError('HTTP error: ' + code, code));

      return;
    }

    res.on('error', err => {
      reject(err);
    });

    res.on('end', () => {
      resolve();
    });

    // Consume all the data from the response without processing it.
    res.resume();
  });

  gzip.pipe(req);

  if (value instanceof Buffer) {
    gzip.write(NULL_BYTE_BUFFER);
    gzip.end(value);
  } else {
    gzip.end(JSON.stringify(value) || 'null');
  }
});
}

clear() {
  // Not implemented.
}
}

```

```
module.exports = HttpStore;
```

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```

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```
*
```

```
* @format
```

```
* @flow strict-local
```

```
*/
```

```
'use strict';
```

```
const HttpStore = require('./HttpStore');
```

```
const {Logger} = require('metro-core');
```

```
import type {HttpOptions} from 'metro-cache';
```

```
class HttpGetStore<T> extends HttpStore<T> {  
  _warned: boolean;
```

```
  constructor(options: HttpOptions) {  
    super(options);
```

```
    this._warned = false;  
  }
```

```
  async get(key: Buffer): Promise<?T> {  
    try {  
      return await super.get(key);  
    } catch (err) {  
      if (  
        !(err instanceof HttpStore.HttpError) &&  
        !(err instanceof HttpStore.NetworkError)  
      ) {  
        throw err;  
      }  
    }  
  }
```

```
    this._warn(err);
```

```
    return null;  
  }
```

```

}

set(): Promise<void> {
  return Promise.resolve(undefined);
}

_warn(err) {
  if (!this._warned) {
    process.emitWarning(
      [
        'Could not connect to the HTTP cache.',
        'Original error: ' + err.message,
      ].join(' '),
    );

    Logger.createEntry(`CACHE_ERROR: ${err.message} (${err.code})`);
    this._warned = true;
  }
}

module.exports = HttpGetStore;

```

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*

* @format

*/

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* /opt/cola/permits/1235010467_1638334394.99/0/metro-cache-0-66-2-tgz/package/src/stableHash.js

* /opt/cola/permits/1235010467_1638334394.99/0/metro-cache-0-66-2-tgz/package/src/index.js

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* @flow strict-local

* @format

*/

'use strict';

const AutoCleanFileStore = require('./stores/AutoCleanFileStore');

const Cache = require('./Cache');

const FileStore = require('./stores/FileStore');

const HttpGetStore = require('./stores/HttpGetStore');

const HttpStore = require('./stores/HttpStore');

const stableHash = require('./stableHash');

export type {Options as FileOptions} from './stores/FileStore';

export type {Options as HttpOptions} from './stores/HttpStore';

export type {CacheStore} from './types.flow';

module.exports.AutoCleanFileStore = AutoCleanFileStore;

module.exports.Cache = Cache;

module.exports.FileStore = FileStore;

module.exports.HttpGetStore = HttpGetStore;

module.exports.HttpStore = HttpStore;

module.exports.stableHash = stableHash;

Found in path(s):

* /opt/cola/permits/1235010467_1638334394.99/0/metro-cache-0-66-2-tgz/package/src/index.js.flow

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* @flow strict

* @format

*/

'use strict';

export type CacheStore<T> = interface {

get(key: Buffer): ?T | Promise<?T>,

set(key: Buffer, value: T): void | Promise<void>,

clear(): void | Promise<void>,

};

Found in path(s):

* /opt/cola/permits/1235010467_1638334394.99/0/metro-cache-0-66-2-tgz/package/src/types.flow.js.flow

1.745 invariant 2.2.4

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1.746 is-docker 2.2.1

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1.747 stackframe 1.2.1

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1.748 css-in-js-utils 2.0.1

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1.749 thenify-all 1.6.0

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1.750 @babel/plugin-proposal-numeric-separator 7.16.7

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1.751 static-extend 0.1.2

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1.752 extend-shallow 2.0.1

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1.753 @babel/helper-explode-assignable-expression 7.16.7

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1.754 find-up 3.0.0

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1.755 mdn-data 2.0.14

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1.756 react-native-codegen 0.0.7

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```
/**
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 *
 * @flow strict
 * @format
 */

'use strict';

export type PlatformType = 'iOS' | 'android';

export type SchemaType = $ReadOnly<{
  modules: $ReadOnly<{
    [hasteModuleName: string]: ComponentSchema | NativeModuleSchema,
  }>,
}>;

/**
 * Component Type Annotations
 */
export type DoubleTypeAnnotation = $ReadOnly<{
  type: 'DoubleTypeAnnotation',
}>;

export type FloatTypeAnnotation = $ReadOnly<{
  type: 'FloatTypeAnnotation',
}>;

export type BooleanTypeAnnotation = $ReadOnly<{
  type: 'BooleanTypeAnnotation',
}>;

export type Int32TypeAnnotation = $ReadOnly<{
  type: 'Int32TypeAnnotation',
}
```

```

}>;

export type StringTypeAnnotation = $ReadOnly<{
  type: 'StringTypeAnnotation',
}>;

export type StringEnumTypeAnnotation = $ReadOnly<{
  type: 'StringEnumTypeAnnotation',
  options: $ReadOnlyArray<string>,
}>;

export type VoidTypeAnnotation = $ReadOnly<{
  type: 'VoidTypeAnnotation',
}>;

export type ObjectTypeAnnotation<+T> = $ReadOnly<{
  type: 'ObjectTypeAnnotation',
  properties: $ReadOnlyArray<NamedShape<T>>,
}>;

type FunctionTypeAnnotation<+P, +R> = $ReadOnly<{
  type: 'FunctionTypeAnnotation',
  params: $ReadOnlyArray<NamedShape<P>>,
  returnTypeAnnotation: R,
}>;

export type NamedShape<+T> = $ReadOnly<{
  name: string,
  optional: boolean,
  typeAnnotation: T,
}>;

export type ComponentSchema = $ReadOnly<{
  type: 'Component',
  components: $ReadOnly<{
    [componentName: string]: ComponentShape,
  }>,
}>;

export type ComponentShape = $ReadOnly<{
  ...OptionsShape,
  extendsProps: $ReadOnlyArray<ExtendsPropsShape>,
  events: $ReadOnlyArray<EventTypeShape>,
  props: $ReadOnlyArray<NamedShape<PropTypeAnnotation>>,
  commands: $ReadOnlyArray<NamedShape<CommandTypeAnnotation>>,
}>;

export type OptionsShape = $ReadOnly<{

```



```

interfaceOnly?: boolean,

// Use for components with no current paper rename in progress
// Does not check for new name
paperComponentName?: string,

// Use for components that are not used on other platforms.
excludedPlatforms?: $ReadOnlyArray<PlatformType>,

// Use for components currently being renamed in paper
// Will use new name if it is available and fallback to this name
paperComponentNameDeprecated?: string,
}>;

```

```

export type ExtendsPropsShape = $ReadOnly<{
  type: 'ReactNativeBuiltInType',
  knownTypeName: 'ReactNativeCoreViewProps',
}>;

```

```

export type EventTypeShape = $ReadOnly<{
  name: string,
  bubblingType: 'direct' | 'bubble',
  optional: boolean,
  paperTopLevelNameDeprecated?: string,
  typeAnnotation: $ReadOnly<{
    type: 'EventTypeAnnotation',
    argument?: ObjectTypeAnnotation<EventTypeAnnotation>,
  }>,
}>;

```

```

export type EventTypeAnnotation =
  | BooleanTypeAnnotation
  | StringTypeAnnotation
  | DoubleTypeAnnotation
  | FloatTypeAnnotation
  | Int32TypeAnnotation
  | StringEnumTypeAnnotation
  | ObjectTypeAnnotation<EventTypeAnnotation>;

```

```

export type PropTypeAnnotation =
  | $ReadOnly<{
    type: 'BooleanTypeAnnotation',
    default: boolean | null,
  }>
  | $ReadOnly<{
    type: 'StringTypeAnnotation',
    default: string | null,
  }>

```

```

| $ReadOnly<{
  type: 'DoubleTypeAnnotation',
  default: number,
}>
| $ReadOnly<{
  type: 'FloatTypeAnnotation',
  default: number | null,
}>
| $ReadOnly<{
  type: 'Int32TypeAnnotation',
  default: number,
}>
| $ReadOnly<{
  type: 'StringEnumTypeAnnotation',
  default: string,
  options: $ReadOnlyArray<string>,
}>
| $ReadOnly<{
  type: 'Int32EnumTypeAnnotation',
  default: number,
  options: $ReadOnlyArray<number>,
}>
| ReservedPropTypeAnnotation
| ObjectTypeAnnotation<PropTypeAnnotation>
| $ReadOnly<{
  type: 'ArrayTypeAnnotation',
  elementType:
    | BooleanTypeAnnotation
    | StringTypeAnnotation
    | DoubleTypeAnnotation
    | FloatTypeAnnotation
    | Int32TypeAnnotation
    | $ReadOnly<{
      type: 'StringEnumTypeAnnotation',
      default: string,
      options: $ReadOnlyArray<string>,
    }>
    | ObjectTypeAnnotation<PropTypeAnnotation>
    | ReservedPropTypeAnnotation
  },
  },
  },
};

```

```

export type ReservedPropTypeAnnotation = $ReadOnly<{
  type: 'ReservedPropTypeAnnotation',
  name:

```

```

    | 'ColorPrimitive'
    | 'ImageSourcePrimitive'
    | 'PointPrimitive'
    | 'EdgeInsetsPrimitive',
  }>;

export type CommandTypeAnnotation = FunctionTypeAnnotation<
  CommandParamTypeAnnotation,
  VoidTypeAnnotation,
>;

export type CommandParamTypeAnnotation =
  | ReservedTypeAnnotation
  | BooleanTypeAnnotation
  | Int32TypeAnnotation
  | DoubleTypeAnnotation
  | FloatTypeAnnotation
  | StringTypeAnnotation;

export type ReservedTypeAnnotation = $ReadOnly<{
  type: 'ReservedTypeAnnotation',
  name: 'RootTag', // Union with more custom types.
}>;

/**
 * NativeModule Types
 */
export type Nullable<+T: NativeModuleTypeAnnotation> =
  | NullableTypeAnnotation<T>
  | T;

export type NullableTypeAnnotation<+T: NativeModuleTypeAnnotation> = $ReadOnly<{
  type: 'NullableTypeAnnotation',
  typeAnnotation: T,
}>;

export type NativeModuleSchema = $ReadOnly<{
  type: 'NativeModule',
  aliases: NativeModuleAliasMap,
  spec: NativeModuleSpec,
  moduleNames: $ReadOnlyArray<string>,
  // Use for modules that are not used on other platforms.
  // TODO: It's clearer to define `restrictedToPlatforms` instead, but
  // `excludedPlatforms` is used here to be consistent with ComponentSchema.
  excludedPlatforms?: $ReadOnlyArray<PlatformType>,
}>;

type NativeModuleSpec = $ReadOnly<{

```

```

properties: $ReadOnlyArray<NativeModulePropertyShape>,
}>;

export type NativeModulePropertyShape = NamedShape<
  Nullable<NativeModuleFunctionTypeAnnotation>,
>;

export type NativeModuleAliasMap = $ReadOnly<{
  [aliasName: string]: NativeModuleObjectTypeAnnotation,
}>;

export type NativeModuleFunctionTypeAnnotation = FunctionTypeAnnotation<
  Nullable<NativeModuleParamTypeAnnotation>,
  Nullable<NativeModuleReturnTypeAnnotation>,
>;

export type NativeModuleObjectTypeAnnotation = ObjectTypeAnnotation<
  Nullable<NativeModuleBaseTypeAnnotation>,
>;

export type NativeModuleArrayTypeAnnotation<
  +T: Nullable<NativeModuleBaseTypeAnnotation>,
> = $ReadOnly<{
  type: 'ArrayTypeAnnotation',
  /**
   * TODO(T72031674): Migrate all our NativeModule specs to not use
   * invalid Array ElementTypes. Then, make the elementType required.
   */
  elementType?: T,
}>;

export type NativeModuleStringTypeAnnotation = $ReadOnly<{
  type: 'StringTypeAnnotation',
}>;

export type NativeModuleNumberTypeAnnotation = $ReadOnly<{
  type: 'NumberTypeAnnotation',
}>;

export type NativeModuleInt32TypeAnnotation = $ReadOnly<{
  type: 'Int32TypeAnnotation',
}>;

export type NativeModuleDoubleTypeAnnotation = $ReadOnly<{
  type: 'DoubleTypeAnnotation',
}>;

export type NativeModuleFloatTypeAnnotation = $ReadOnly<{

```

```

type: 'FloatTypeAnnotation',
}>;

export type NativeModuleBooleanTypeAnnotation = $ReadOnly<{
type: 'BooleanTypeAnnotation',
}>;

export type NativeModuleGenericObjectTypeAnnotation = $ReadOnly<{
type: 'GenericObjectTypeAnnotation',
}>;

export type NativeModuleTypeAliasTypeAnnotation = $ReadOnly<{
type: 'TypeAliasTypeAnnotation',
name: string,
}>;

export type NativeModulePromiseTypeAnnotation = $ReadOnly<{
type: 'PromiseTypeAnnotation',
}>;

export type NativeModuleBaseTypeAnnotation =
| NativeModuleStringTypeAnnotation
| NativeModuleNumberTypeAnnotation
| NativeModuleInt32TypeAnnotation
| NativeModuleDoubleTypeAnnotation
| NativeModuleFloatTypeAnnotation
| NativeModuleBooleanTypeAnnotation
| NativeModuleGenericObjectTypeAnnotation
| ReservedTypeAnnotation
| NativeModuleTypeAliasTypeAnnotation
| NativeModuleArrayTypeAnnotation<Nullable<NativeModuleBaseTypeAnnotation>>
| NativeModuleObjectTypeAnnotation;

export type NativeModuleParamTypeAnnotation =
| NativeModuleBaseTypeAnnotation
| NativeModuleParamOnlyTypeAnnotation;

export type NativeModuleReturnTypeAnnotation =
| NativeModuleBaseTypeAnnotation
| NativeModuleReturnOnlyTypeAnnotation;

export type NativeModuleTypeAnnotation =
| NativeModuleBaseTypeAnnotation
| NativeModuleParamOnlyTypeAnnotation
| NativeModuleReturnOnlyTypeAnnotation;

type NativeModuleParamOnlyTypeAnnotation = NativeModuleFunctionTypeAnnotation;
type NativeModuleReturnOnlyTypeAnnotation =

```

```
| NativeModulePromiseTypeAnnotation
| VoidTypeAnnotation;
```

Found in path(s):

```
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/CodegenSchema.js.flow
```

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```
*
```

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```

```
*
```

```
* @format
```

```
* @flow strict
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/parsers/flow/modules/schema.js.flow
```

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```
*
```

```
* @flow strict-local
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
const FlowParser = require('../parsers/flow');
```

```
function parseFiles(files: Array<string>) {
  files.forEach(filename => {
    console.log(
      filename,
      JSON.stringify(FlowParser.parseFile(filename), null, 2),
    );
  });
}
```

```
module.exports = parseFiles;
```

Found in path(s):

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/cli/parser/parser.js.flow

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*

* @flow strict

* @format

*/

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* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/modules/GenerateModuleCpp.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/components/CppHelpers.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/modules/GenerateModuleObjCpp/source/serializeModule.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/modules/GenerateModuleJniCpp.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/components/JavaHelpers.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/modules/GenerateModuleObjCpp/header/serializeConstantsStruct.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/components/GeneratePropsJavaPojo/index.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/modules/GenerateModuleObjCpp/header/serializeStruct.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/components/GeneratePropsJavaPojo/serializePojo.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/modules/GenerateModuleObjCpp/header/serializeRegularStruct.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/modules/GenerateModuleObjCpp/serializeMethod.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/modules/GenerateModuleObjCpp/Utils.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/modules/GenerateModuleObjCpp/index.js.flow

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*
* @flow strict
* @format
*/

'use strict';

import type {
  NativeModuleTypeAnnotation,
  Nullable,
} from '../././CodegenSchema.js';

function unwrapNullable<+T: NativeModuleTypeAnnotation>(
  x: Nullable<T>,
): [T, boolean] {
  if (x.type === 'NullableTypeAnnotation') {
    return [x.typeAnnotation, true];
  }

  return [x, false];
}

function wrapNullable<+T: NativeModuleTypeAnnotation>(
  nullable: boolean,
  typeAnnotation: T,
): Nullable<T> {
  if (!nullable) {
    return typeAnnotation;
  }

  return {
    type: 'NullableTypeAnnotation',
    typeAnnotation,
  };
}

module.exports = {
  unwrapNullable,
  wrapNullable,
};

Found in path(s):
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/parsers/flow/modules/utils.js.flow
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```



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* @flow strict  
* @format  
*/  
/**  
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*  
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* directory of this source tree.  
*  
* {'@'}generated by codegen project: GenerateModuleJavaSpec.js  
*  
* @nolint  
*/
```

Found in path(s):

```
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-  
tgz/package/lib/generators/modules/GenerateModuleJavaSpec.js.flow  
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*  
* @flow  
* @format  
*/
```

Found in path(s):

```
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-  
tgz/package/lib/parsers/flow/components/commands.js.flow  
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-  
tgz/package/lib/generators/components/GenerateViewConfigJs.js.flow  
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```

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*  
* @emails oncall+react_native
```

```

* @flow strict-local
* @format
*/

'use strict';

const combine = require('./combine-js-to-schema');
const fs = require('fs');
// $FlowFixMe[untyped-import] glob is untyped
const glob = require('glob');
const path = require('path');

const [outfile, ...fileList] = process.argv.slice(2);

function filterJSFile(file) {
  return (
    /^(Native.+|.+NativeComponent)/.test(path.basename(file)) &&
    // UIManager will be deprecated by Fabric UIManager.
    // For now, ignore this spec completely because the types are not fully supported.
    !file.endsWith('NativeUIManager.js') &&
    // NativeSampleTurboModule is for demo purpose. It should be added manually to the
    // app for now.
    !file.endsWith('NativeSampleTurboModule.js') &&
    !file.includes('__tests')
  );
}

const allFiles = [];
fileList.forEach(file => {
  if (fs.lstatSync(file).isDirectory()) {
    const dirFiles = glob
      .sync(`${file}/**/*.js`, {
        nodir: true,
      })
      .filter(filterJSFile);
    allFiles.push(...dirFiles);
  } else if (filterJSFile(file)) {
    allFiles.push(file);
  }
});

const formattedSchema = JSON.stringify(combine(allFiles), null, 2);
if (outfile != null) {
  fs.writeFileSync(outfile, formattedSchema);
} else {
  console.log(formattedSchema);
}

```

Found in path(s):

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/cli/combine/combine-js-to-schema-cli.js.flow

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* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/cli/generators/generate-all.sh

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/modules/GenerateModuleJniH.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/cli/combine/combine_js_to_schema.sh

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* @flow strict-local

* @format

*/

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* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/parsers/flow/index.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/parsers/flow/components/extends.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/components/__test_fixtures__/fixtures.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/parsers/flow/components/__test_fixtures__/failures.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/parsers/flow/modules/index.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/parsers/flow/components/props.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/parsers/flow/errors.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/parsers/flow/modules/__test_fixtures__/fixtures.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/cli/combine/combine-js-to-schema.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/RNCodegen.js.flow

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/parsers/flow/components/options.js.flow
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/SchemaValidator.js.flow
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/modules/__test_fixtures__/fixtures.js.flow
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/parsers/schema/index.js.flow
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/parsers/flow/modules/__test_fixtures__/failures.js.flow
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/parsers/flow/components/index.js.flow

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* @emails oncall+react_native

*

* @format

*/

Found in path(s):

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/cli/combine/combine-js-to-schema-cli.js

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/cli/parser/parser-cli.js

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*

* @flow

* @format

*/

/**

* This generates all possible outputs by executing all available generators.

*/

'use strict';

```

const RNCodegen = require('../generators/RNCodegen.js');
const fs = require('fs');
const mkdirp = require('mkdirp');

const args = process.argv.slice(2);
if (args.length < 3) {
  throw new Error(
    `Expected to receive path to schema, library name, output directory and module spec name. Received ${args.join(
      ' '
    )}`
  );
}

const schemaPath = args[0];
const libraryName = args[1];
const outputDirectory = args[2];
const packageName = args[3];

const schemaText = fs.readFileSync(schemaPath, 'utf-8');

if (schemaText == null) {
  throw new Error(`Can't find schema at ${schemaPath}`);
}

mkdirp.sync(outputDirectory);

let schema;
try {
  schema = JSON.parse(schemaText);
} catch (err) {
  throw new Error(`Can't parse schema to JSON. ${schemaPath}`);
}

RNCodegen.generate(
  {libraryName, schema, outputDirectory, packageName},
  {
    generators: [
      'descriptors',
      'events',
      'props',
      'tests',
      'shadow-nodes',
      'modulesAndroid',
      'modulesCxx',
      'modulesIOS',
    ],
  },
);

```

Found in path(s):

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/cli/generators/generate-all.js.flow

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```
*
```

```
* @flow strict-local
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
const EVENT_DEFINITION = `
```

```
  boolean_required: boolean,
```

```
  boolean_optional_key?: boolean,
```

```
  boolean_optional_value: ?boolean,
```

```
  boolean_optional_both?: ?boolean,
```

```
  string_required: string,
```

```
  string_optional_key?: string,
```

```
  string_optional_value: ?string,
```

```
  string_optional_both?: ?string,
```

```
  double_required: Double,
```

```
  double_optional_key?: Double,
```

```
  double_optional_value: ?Double,
```

```
  double_optional_both?: ?Double,
```

```
  float_required: Float,
```

```
  float_optional_key?: Float,
```

```
  float_optional_value: ?Float,
```

```
  float_optional_both?: ?Float,
```

```
  int32_required: Int32,
```

```
  int32_optional_key?: Int32,
```

```
  int32_optional_value: ?Int32,
```

```
  int32_optional_both?: ?Int32,
```

```
  enum_required: ('small' | 'large'),
```

```
  enum_optional_key?: ('small' | 'large'),
```

```
  enum_optional_value: ?('small' | 'large'),
```

```
  enum_optional_both?: ?('small' | 'large'),
```

```

object_required: {
  boolean_required: boolean,
},

object_optional_key?: {
  string_optional_key?: string,
},

object_optional_value: ?{
  float_optional_value: ?Float,
},

object_optional_both?: ?{
  int32_optional_both?: ?Int32,
},

object_required_nested_2_layers: {
  object_optional_nested_1_layer?: ?{
    boolean_required: Int32,
    string_optional_key?: string,
    double_optional_value: ?Double,
    float_optional_value: ?Float,
    int32_optional_both?: ?Int32,
  }
},

object_readonly_required: $ReadOnly<{
  boolean_required: boolean,
}>,

object_readonly_optional_key?: $ReadOnly<{
  string_optional_key?: string,
}>,

object_readonly_optional_value: ?$ReadOnly<{
  float_optional_value: ?Float,
}>,

object_readonly_optional_both?: ?$ReadOnly<{
  int32_optional_both?: ?Int32,
}>,
`;

const ONE_OF_EACH_PROP_EVENT_DEFAULT_AND_OPTIONS = `
/**
 * Copyright (c) Facebook, Inc. and its affiliates.
 *

```

```

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* LICENSE file in the root directory of this source tree.
*
* @format
* @flow strict-local
*/

'use strict';

const codegenNativeComponent = require('codegenNativeComponent');

import type {
  BubblingEventHandler,
  DirectEventHandler,
  WithDefault,
} from 'CodegenTypes';
import type {ViewProps} from 'ViewPropTypes';
import type {HostComponent} from 'react-native';

type ModuleProps = $ReadOnly<{|
  ...ViewProps,

  // Props
  boolean_default_true_optional_both?: WithDefault<boolean, true>,

  // Events
  onDirectEventDefinedInlineNull: DirectEventHandler<null>,
  onBubblingEventDefinedInlineNull: BubblingEventHandler<null>,
|}>;

export default (codegenNativeComponent<ModuleProps>('Module', {
  interfaceOnly: true,
  paperComponentName: 'RCTModule',
})): HostComponent<ModuleProps>;
`;

const ONE_OF_EACH_PROP_EVENT_DEFAULT_AND_OPTIONS_NO_CAST = `
/**
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 *
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 * LICENSE file in the root directory of this source tree.
 *
 * @format
 * @flow strict-local
 */

'use strict';

```



```

const codegenNativeComponent = require('codegenNativeComponent');

import type {
  BubblingEventHandler,
  DirectEventHandler,
  WithDefault,
} from 'CodegenTypes';
import type {ViewProps} from 'ViewPropTypes';
import type {HostComponent} from 'react-native';

type ModuleProps = $ReadOnly<{|
  ...ViewProps,

  // Props
  boolean_default_true_optional_both?: WithDefault<boolean, true>,

  // Events
  onDirectEventDefinedInlineNull: DirectEventHandler<null>,
  onBubblingEventDefinedInlineNull: BubblingEventHandler<null>,
|}>;

export default codegenNativeComponent<ModuleProps>('Module', {
  interfaceOnly: true,
  excludedPlatforms: ['android'],
  paperComponentName: 'RCTModule',
});
`;

const NO_PROPS_EVENTS_ONLY_DEPRECATED_VIEW_CONFIG_NAME_OPTION = `
/**
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 *
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 * LICENSE file in the root directory of this source tree.
 *
 * @format
 * @flow strict-local
 */

'use strict';

const codegenNativeComponent = require('codegenNativeComponent');

import type {ViewProps} from 'ViewPropTypes';
import type {HostComponent} from 'react-native';

type ModuleProps = $ReadOnly<{|

```

```

...ViewProps,
|}>;

export default (codegenNativeComponent<ModuleProps>('Module', {
  deprecatedViewConfigName: 'DeprecateModuleName',
}): HostComponent<ModuleProps>);
`;

const ALL_PROP_TYPES_NO_EVENTS = `
/**
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 *
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 * LICENSE file in the root directory of this source tree.
 *
 * @format
 * @flow strict-local
 */

'use strict';

const codegenNativeComponent = require('codegenNativeComponent');

import type {Int32, Double, Float, WithDefault} from 'CodegenTypes';
import type {ImageSource} from 'ImageSource';
import type {ColorValue, ColorArrayValue, PointValue, EdgeInsetsValue} from 'StyleSheetTypes';
import type {ViewProps} from 'ViewPropTypes';
import type {HostComponent} from 'react-native';

type ModuleProps = $ReadOnly<{|
  ...ViewProps,

  // Props
  // Boolean props
  boolean_required: boolean,
  boolean_optional_key?: WithDefault<boolean, true>,
  boolean_optional_both?: WithDefault<boolean, true>,

  // Boolean props, null default
  boolean_null_optional_key?: WithDefault<boolean, null>,
  boolean_null_optional_both?: WithDefault<boolean, null>,

  // String props
  string_required: string,
  string_optional_key?: WithDefault<string, ">,
  string_optional_both?: WithDefault<string, ">,

  // String props, null default

```

```

string_null_optional_key?: WithDefault<string, null>,
string_null_optional_both?: WithDefault<string, null>,

// Stringish props
stringish_required: Stringish,
stringish_optional_key?: WithDefault<Stringish, ">,
stringish_optional_both?: WithDefault<Stringish, ">,

// Stringish props, null default
stringish_null_optional_key?: WithDefault<Stringish, null>,
stringish_null_optional_both?: WithDefault<Stringish, null>,

// Double props
double_required: Double,
double_optional_key?: WithDefault<Double, 1.1>,
double_optional_both?: WithDefault<Double, 1.1>,

// Float props
float_required: Float,
float_optional_key?: WithDefault<Float, 1.1>,
float_optional_both?: WithDefault<Float, 1.1>,

// Float props, null default
float_null_optional_key?: WithDefault<Float, null>,
float_null_optional_both?: WithDefault<Float, null>,

// Int32 props
int32_required: Int32,
int32_optional_key?: WithDefault<Int32, 1>,
int32_optional_both?: WithDefault<Int32, 1>,

// String enum props
enum_optional_key?: WithDefault<'small' | 'large', 'small'>,
enum_optional_both?: WithDefault<'small' | 'large', 'small'>,

// Int enum props
int_enum_optional_key?: WithDefault<0 | 1, 0>,

// Object props
object_optional_key?: $ReadOnly<{| prop: string }>,
object_optional_both?: ?$ReadOnly<{| prop: string }>,
object_optional_value?: ?$ReadOnly<{| prop: string }>,

// ImageSource props
image_required: ImageSource,
image_optional_value?: ?ImageSource,
image_optional_both?: ?ImageSource,

```

```

// ColorValue props
color_required: ColorValue,
color_optional_key?: ColorValue,
color_optional_value: ?ColorValue,
color_optional_both?: ?ColorValue,

// ColorArrayValue props
color_array_required: ColorArrayValue,
color_array_optional_key?: ColorArrayValue,
color_array_optional_value: ?ColorArrayValue,
color_array_optional_both?: ?ColorArrayValue,

// ProcessedColorValue props
processed_color_required: ProcessedColorValue,
processed_color_optional_key?: ProcessedColorValue,
processed_color_optional_value: ?ProcessedColorValue,
processed_color_optional_both?: ?ProcessedColorValue,

// PointValue props
point_required: PointValue,
point_optional_key?: PointValue,
point_optional_value: ?PointValue,
point_optional_both?: ?PointValue,

// EdgeInsets props
insets_required: EdgeInsetsValue,
insets_optional_key?: EdgeInsetsValue,
insets_optional_value: ?EdgeInsetsValue,
insets_optional_both?: ?EdgeInsetsValue,
|>>;

export default (codegenNativeComponent<ModuleProps, Options>(
  'Module',
): HostComponent<ModuleProps>);
`;

const ARRAY_PROP_TYPES_NO_EVENTS = `
/**
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 *
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 *
 * @format
 * @flow strict-local
 */

'use strict';

```

```

const codegenNativeComponent = require('codegenNativeComponent');

import type {Int32, Double, Float, WithDefault} from 'CodegenTypes';
import type {ImageSource} from 'ImageSource';
import type {ColorValue, PointValue, ProcessColorValue, EdgeInsetsValue} from 'StyleSheetTypes';
import type {ViewProps} from 'ViewPropTypes';
import type {HostComponent} from 'react-native';

type ObjectType = $ReadOnly<{| prop: string |}>;
type ArrayObjectType = $ReadOnlyArray<$ReadOnly<{| prop: string |}>>;

type ModuleProps = $ReadOnly<{|
  ...ViewProps,

  // Props
  // Boolean props
  array_boolean_required: $ReadOnlyArray<boolean>,
  array_boolean_optional_key?: $ReadOnlyArray<boolean>,
  array_boolean_optional_value: ?$ReadOnlyArray<boolean>,
  array_boolean_optional_both?: ?$ReadOnlyArray<boolean>,

  // String props
  array_string_required: $ReadOnlyArray<string>,
  array_string_optional_key?: $ReadOnlyArray<string>,
  array_string_optional_value: ?$ReadOnlyArray<string>,
  array_string_optional_both?: ?$ReadOnlyArray<string>,

  // Double props
  array_double_required: $ReadOnlyArray<Double>,
  array_double_optional_key?: $ReadOnlyArray<Double>,
  array_double_optional_value: ?$ReadOnlyArray<Double>,
  array_double_optional_both?: ?$ReadOnlyArray<Double>,

  // Float props
  array_float_required: $ReadOnlyArray<Float>,
  array_float_optional_key?: $ReadOnlyArray<Float>,
  array_float_optional_value: ?$ReadOnlyArray<Float>,
  array_float_optional_both?: ?$ReadOnlyArray<Float>,

  // Int32 props
  array_int32_required: $ReadOnlyArray<Int32>,
  array_int32_optional_key?: $ReadOnlyArray<Int32>,
  array_int32_optional_value: ?$ReadOnlyArray<Int32>,
  array_int32_optional_both?: ?$ReadOnlyArray<Int32>,

  // String enum props
  array_enum_optional_key?: WithDefault<

```

```

    $ReadOnlyArray<'small' | 'large'>,
    'small',
  >,
  array_enum_optional_both?: WithDefault<
    $ReadOnlyArray<'small' | 'large'>,
    'small',
  >,

  // ImageSource props
  array_image_required: $ReadOnlyArray<ImageSource>,
  array_image_optional_key?: $ReadOnlyArray<ImageSource>,
  array_image_optional_value: ?$ReadOnlyArray<ImageSource>,
  array_image_optional_both?: ?$ReadOnlyArray<ImageSource>,

  // ColorValue props
  array_color_required: $ReadOnlyArray<ColorValue>,
  array_color_optional_key?: $ReadOnlyArray<ColorValue>,
  array_color_optional_value: ?$ReadOnlyArray<ColorValue>,
  array_color_optional_both?: ?$ReadOnlyArray<ColorValue>,

  // PointValue props
  array_point_required: $ReadOnlyArray<PointValue>,
  array_point_optional_key?: $ReadOnlyArray<PointValue>,
  array_point_optional_value: ?$ReadOnlyArray<PointValue>,
  array_point_optional_both?: ?$ReadOnlyArray<PointValue>,

  // EdgeInsetsValue props
  array_insets_required: $ReadOnlyArray<EdgeInsetsValue>,
  array_insets_optional_key?: $ReadOnlyArray<EdgeInsetsValue>,
  array_insets_optional_value: ?$ReadOnlyArray<EdgeInsetsValue>,
  array_insets_optional_both?: ?$ReadOnlyArray<EdgeInsetsValue>,

  // Object props
  array_object_required: $ReadOnlyArray<$ReadOnly<{| prop: string |}>>,
  array_object_optional_key?: $ReadOnlyArray<$ReadOnly<{| prop: string |}>>,
  array_object_optional_value: ?ArrayObjectType,
  array_object_optional_both?: ?$ReadOnlyArray<ObjectType>,

  // Nested array object types
  array_of_array_object_required: $ReadOnlyArray<
    $ReadOnly<{|
      // This needs to be the same name as the top level array above
      array_object_required: $ReadOnlyArray<$ReadOnly<{| prop: string |}>>,
    }>
  >,
  array_of_array_object_optional_key?: $ReadOnlyArray<
    $ReadOnly<{|
      // This needs to be the same name as the top level array above

```

```

    array_object_optional_key: $ReadOnlyArray<$ReadOnly<{| prop?: string |}>>,
  |}>
>,
array_of_array_object_optional_value: ?$ReadOnlyArray<
  $ReadOnly<{|
    // This needs to be the same name as the top level array above
    array_object_optional_value: $ReadOnlyArray<$ReadOnly<{| prop: ?string |}>>,
  |}>
>,
array_of_array_object_optional_both?: ?$ReadOnlyArray<
  $ReadOnly<{|
    // This needs to be the same name as the top level array above
    array_object_optional_both: $ReadOnlyArray<$ReadOnly<{| prop?: ?string |}>>,
  |}>
>,

// Nested array of array of object types
array_of_array_of_object_required: $ReadOnlyArray<
  $ReadOnlyArray<
    $ReadOnly<{|
      prop: string,
    |}>,
  >,
>,

// Nested array of array of object types (in file)
array_of_array_of_object_required_in_file: $ReadOnlyArray<
  $ReadOnlyArray<ObjectType>,
>,

// Nested array of array of object types (with spread)
array_of_array_of_object_required_with_spread: $ReadOnlyArray<
  $ReadOnlyArray<
    $ReadOnly<{|
      ...ObjectType
    |}>,
  >,
>,
|}>;

export default (codegenNativeComponent<ModuleProps>(
  'Module',
): HostComponent<ModuleProps>);
`;

const OBJECT_PROP_TYPES_NO_EVENTS = `
/**
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```

```

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* LICENSE file in the root directory of this source tree.
*
* @format
* @flow strict-local
*/

'use strict';

const codegenNativeComponent = require('codegenNativeComponent');

import type {Int32, Double, Float, WithDefault} from 'CodegenTypes';
import type {ImageSource} from 'ImageSource';
import type {ColorValue, PointValue, EdgeInsetsValue} from 'StyleSheetTypes';
import type {ViewProps} from 'ViewPropTypes';
import type {HostComponent} from 'react-native';

type ModuleProps = $ReadOnly<{|
  ...ViewProps,

  // Props
  // Boolean props
  boolean_required: $ReadOnly<{|prop: boolean|}>,
  boolean_optional: $ReadOnly<{|prop?: WithDefault<boolean, false>|}>,

  // String props
  string_required: $ReadOnly<{|prop: string|}>,
  string_optional: $ReadOnly<{|prop?: WithDefault<string, ">|}>,

  // Double props
  double_required: $ReadOnly<{|prop: Double|}>,
  double_optional: $ReadOnly<{|prop?: WithDefault<Double, 0.0>|}>,

  // Float props
  float_required: $ReadOnly<{|prop: Float|}>,
  float_optional: $ReadOnly<{|prop?: WithDefault<Float, 0.0>|}>,

  // Int32 props
  int_required: $ReadOnly<{|prop: Int32|}>,
  int_optional: $ReadOnly<{|prop?: WithDefault<Int32, 0>|}>,

  // String enum props
  enum_optional: $ReadOnly<{|
    prop?: WithDefault<$ReadOnlyArray<'small' | 'large'>, 'small'>,
  |}>,

  // ImageSource props

```



```

image_required: $ReadOnly<{|prop: ImageSource|}>,
image_optional_key: $ReadOnly<{|prop?: ImageSource|}>,
image_optional_value: $ReadOnly<{|prop: ?ImageSource|}>,
image_optional_both: $ReadOnly<{|prop?: ?ImageSource|}>,

// ColorValue props
color_required: $ReadOnly<{|prop: ColorValue|}>,
color_optional_key: $ReadOnly<{|prop?: ColorValue|}>,
color_optional_value: $ReadOnly<{|prop: ?ColorValue|}>,
color_optional_both: $ReadOnly<{|prop?: ?ColorValue|}>,

// ProcessedColorValue props
processed_color_required: $ReadOnly<{|prop: ProcessedColorValue|}>,
processed_color_optional_key: $ReadOnly<{|prop?: ProcessedColorValue|}>,
processed_color_optional_value: $ReadOnly<{|prop: ?ProcessedColorValue|}>,
processed_color_optional_both: $ReadOnly<{|prop?: ?ProcessedColorValue|}>,

// PointValue props
point_required: $ReadOnly<{|prop: PointValue|}>,
point_optional_key: $ReadOnly<{|prop?: PointValue|}>,
point_optional_value: $ReadOnly<{|prop: ?PointValue|}>,
point_optional_both: $ReadOnly<{|prop?: ?PointValue|}>,

// EdgeInsetsValue props
insets_required: $ReadOnly<{|prop: EdgeInsetsValue|}>,
insets_optional_key: $ReadOnly<{|prop?: EdgeInsetsValue|}>,
insets_optional_value: $ReadOnly<{|prop: ?EdgeInsetsValue|}>,
insets_optional_both: $ReadOnly<{|prop?: ?EdgeInsetsValue|}>,

// Nested object props
object_required: $ReadOnly<{|prop: $ReadOnly<{nestedProp: string}>|}>,
object_optional_key?: $ReadOnly<{|prop: $ReadOnly<{nestedProp: string}>|}>,
object_optional_value: ?$ReadOnly<{|prop: $ReadOnly<{nestedProp: string}>|}>,
object_optional_both?: ?$ReadOnly<{|prop: $ReadOnly<{nestedProp: string}>|}>,
|>;

export default (codegenNativeComponent<ModuleProps>(
  'Module',
): HostComponent<ModuleProps>);
`;

const PROPS_ALIASED_LOCALLY = `
/**
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 *
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 * LICENSE file in the root directory of this source tree.
 *

```

```

* @format
* @flow strict-local
*/

'use strict';

import type {ViewProps} from 'ViewPropTypes';
import type {HostComponent} from 'react-native';

const codegenNativeComponent = require('codegenNativeComponent');

type DeepSpread = $ReadOnly<{|
  otherStringProp: string,
|}>;

export type PropsInFile = $ReadOnly<{|
  ...DeepSpread,
  isEnabled: boolean,
  label: string,
|}>;

export type ModuleProps = $ReadOnly<{|
  ...ViewProps,

  ...PropsInFile,

  localType: $ReadOnly<{|
    ...PropsInFile
  |}>,

  localArr: $ReadOnlyArray<PropsInFile>
|}>;

export default (codegenNativeComponent<ModuleProps>(
  'Module',
): HostComponent<ModuleProps>);
`;

const EVENTS_DEFINED_INLINE_WITH_ALL_TYPES = `
/**
 * Copyright (c) Facebook, Inc. and its affiliates.
 *
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 * LICENSE file in the root directory of this source tree.
 *
 * @format
 * @flow strict-local
 */

```

```

'use strict';

import type {HostComponent} from 'react-native';
const codegenNativeComponent = require('codegenNativeComponent');

import type {
  Int32,
  Double,
  Float,
  BubblingEventHandler,
  DirectEventHandler,
} from 'CodegenTypes';

import type {ViewProps} from 'ViewPropTypes';

type ModuleProps = $ReadOnly<{|
  ...ViewProps,
  // No Props

  // Events
  onDirectEventDefinedInline:
    DirectEventHandler<
      $ReadOnly<{|
        ${EVENT_DEFINITION}
      |}>,
    >,

  onDirectEventDefinedInlineOptionalKey?:
    DirectEventHandler<
      $ReadOnly<{|
        ${EVENT_DEFINITION}
      |}>,
    >,

  onDirectEventDefinedInlineOptionalValue: ?
    DirectEventHandler<
      $ReadOnly<{|
        ${EVENT_DEFINITION}
      |}>,
    >,

  onDirectEventDefinedInlineOptionalBoth?: ?
    DirectEventHandler<
      $ReadOnly<{|
        ${EVENT_DEFINITION}
      |}>,
    >,

```

```

onDirectEventDefinedInlineWithPaperName?: ?
  DirectEventHandler<
    $ReadOnly<{|
      ${EVENT_DEFINITION}
    }>,
    'paperDirectEventDefinedInlineWithPaperName',
  >,

onBubblingEventDefinedInline:
  BubblingEventHandler<
    $ReadOnly<{|
      ${EVENT_DEFINITION}
    }>,
  >,

onBubblingEventDefinedInlineOptionalKey?:
  BubblingEventHandler<
    $ReadOnly<{|
      ${EVENT_DEFINITION}
    }>,
  >,

onBubblingEventDefinedInlineOptionalValue: ?
  BubblingEventHandler<
    $ReadOnly<{|
      ${EVENT_DEFINITION}
    }>,
  >,

onBubblingEventDefinedInlineOptionalBoth?: ?
  BubblingEventHandler<
    $ReadOnly<{|
      ${EVENT_DEFINITION}
    }>,
  >,

onBubblingEventDefinedInlineWithPaperName?: ?
  BubblingEventHandler<
    $ReadOnly<{|
      ${EVENT_DEFINITION}
    }>,
    'paperBubblingEventDefinedInlineWithPaperName'
  >,
|>;

export default (codegenNativeComponent<ModuleProps>(
  'Module',

```

```

): HostComponent<ModuleProps>;
`;

const EVENTS_DEFINED_AS_NULL_INLINE = `
/**
 * Copyright (c) Facebook, Inc. and its affiliates.
 *
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 * LICENSE file in the root directory of this source tree.
 *
 * @format
 * @flow strict-local
 */

'use strict';

const codegenNativeComponent = require('codegenNativeComponent');

import type {BubblingEventHandler, DirectEventHandler} from 'CodegenTypease';
import type {ViewProps} from 'ViewPropTypes';
import type {HostComponent} from 'react-native';

type ModuleProps = $ReadOnly<{|
  ...ViewProps,

  // No props

  // Events defined inline
  onDirectEventDefinedInlineNull: DirectEventHandler<null>,
  onDirectEventDefinedInlineNullOptionalKey?: DirectEventHandler<null>,
  onDirectEventDefinedInlineNullOptionalValue: ?DirectEventHandler<null>,
  onDirectEventDefinedInlineNullOptionalBoth?: DirectEventHandler<null>,
  onDirectEventDefinedInlineNullWithPaperName?: ?DirectEventHandler<
    null,
    'paperDirectEventDefinedInlineNullWithPaperName',
  >,

  onBubblingEventDefinedInlineNull: BubblingEventHandler<null>,
  onBubblingEventDefinedInlineNullOptionalKey?: BubblingEventHandler<null>,
  onBubblingEventDefinedInlineNullOptionalValue: ?BubblingEventHandler<null>,
  onBubblingEventDefinedInlineNullOptionalBoth?: ?BubblingEventHandler<null>,
  onBubblingEventDefinedInlineNullWithPaperName?: ?BubblingEventHandler<
    null,
    'paperBubblingEventDefinedInlineNullWithPaperName',
  >,
|}>;

export default (codegenNativeComponent<ModuleProps>(</pre>

```

```

'Module',
): HostComponent<ModuleProps>;
`;

const PROPS_AND_EVENTS_TYPES_EXPORTED = `
/**
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 *
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 * LICENSE file in the root directory of this source tree.
 *
 * @format
 * @flow strict-local
 */

'use strict';

import type {
  BubblingEventHandler,
  DirectEventHandler,
} from 'CodegenTypes';
import type {ViewProps} from 'ViewPropTypes';
import type {HostComponent} from 'react-native';

const codegenNativeComponent = require('codegenNativeComponent');

export type EventInFile = $ReadOnly<{
  ${EVENT_DEFINITION}
}>;

export type ModuleProps = $ReadOnly<{
  ...ViewProps,

  // No props

  // Events defined inline
  onBubblingEventDefinedInline: BubblingEventHandler<EventInFile>,
  onBubblingEventDefinedInlineWithPaperName: BubblingEventHandler<EventInFile,
'paperBubblingEventDefinedInlineWithPaperName'>,
  onDirectEventDefinedInline: DirectEventHandler<EventInFile>,
  onDirectEventDefinedInlineWithPaperName: DirectEventHandler<EventInFile,
'paperDirectEventDefinedInlineWithPaperName'>,
}>;

export default (codegenNativeComponent<ModuleProps>(
  'Module',
): HostComponent<ModuleProps>);
`;

```

```

const PROPS_AS_EXTERNAL_TYPES = `
/**
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 *
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 * LICENSE file in the root directory of this source tree.
 *
 * @format
 * @flow strict-local
 */

'use strict';

const codegenNativeComponent = require('codegenNativeComponent');

import type {HostComponent} from 'react-native';

export type String = string;
export type AnotherArray = $ReadOnlyArray<String>;

export type ModuleProps = $ReadOnly<{
  disable: String,
  array: AnotherArray,
}>;

export default (codegenNativeComponent<ModuleProps>(
  'Module',
): HostComponent<ModuleProps>);
`;

const COMMANDS_DEFINED_WITH_ALL_TYPES = `
/**
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 *
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 * LICENSE file in the root directory of this source tree.
 *
 * @format
 * @flow strict-local
 */

'use strict';

const codegenNativeCommands = require('codegenNativeCommands');
const codegenNativeComponent = require('codegenNativeComponent');

import type {Int32, Double, Float} from 'CodegenTypes';

```

```

import type {RootTag} from 'RCTExport';
import type {ViewProps} from 'ViewPropTypes';
import type {HostComponent} from 'react-native';

export type ModuleProps = $ReadOnly<{
  ...ViewProps,
  // No props or events
}>;

type NativeType = HostComponent<ModuleProps>;

interface NativeCommands {
  +handleRootTag: (viewRef: React.ElementRef<NativeType>, rootTag: RootTag) => void;
  +hotspotUpdate: (viewRef: React.ElementRef<NativeType>, x: Int32, y: Int32) => void;
  +scrollTo: (
    viewRef: React.ElementRef<NativeType>,
    x: Float,
    y: Int32,
    z: Double,
    animated: boolean,
  ) => void;
}

export const Commands = codegenNativeCommands<NativeCommands>({
  supportedCommands: ['handleRootTag', 'hotspotUpdate', 'scrollTo'],
});

export default (codegenNativeComponent<ModuleProps>(
  'Module',
): NativeType);
`;

const COMMANDS_WITH_EXTERNAL_TYPES = `
/**
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 *
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 * LICENSE file in the root directory of this source tree.
 *
 * @format
 * @flow strict-local
 */

'use strict';

const codegenNativeCommands = require('codegenNativeCommands');
const codegenNativeComponent = require('codegenNativeComponent');

```



```

import type {Int32} from 'CodegenTypes';
import type {ViewProps} from 'ViewPropTypes';
import type {HostComponent} from 'react-native';

export type Boolean = boolean;
export type Int = Int32;
export type Void = void;

export type ModuleProps = $ReadOnly<{
  ...ViewProps,
  // No props or events
}>;

type NativeType = HostComponent<ModuleProps>;

export type ScrollTo = (
  viewRef: React.ElementRef<NativeType>,
  y: Int,
  animated: Boolean,
) => Void;

interface NativeCommands {
  +scrollTo: ScrollTo;
}

export const Commands = codegenNativeCommands<NativeCommands>({
  supportedCommands: ['scrollTo'],
});

export default (codegenNativeComponent<ModuleProps>(
  'Module',
): NativeType);
`;

const COMMANDS_AND_EVENTS_TYPES_EXPORTED = `
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 *
 * @format
 * @flow strict-local
 */

'use strict';

```

```

import type {
  BubblingEventHandler,
  DirectEventHandler,
} from 'CodegenTypes';
import type { ViewProps } from 'ViewPropTypes';
import type { HostComponent } from 'react-native';

const codegenNativeComponent = require('codegenNativeComponent');

export type EventInFile = $ReadOnly<{|
  ${EVENT_DEFINITION}
|}>;

export type Boolean = boolean;
export type Int = Int32;
export type Void = void;

export type ModuleProps = $ReadOnly<{|
  ...ViewProps,

  // No props

  // Events defined inline
  onBubblingEventDefinedInline: BubblingEventHandler<EventInFile>,
  onBubblingEventDefinedInlineWithPaperName: BubblingEventHandler<EventInFile,
'paperBubblingEventDefinedInlineWithPaperName'>,
  onDirectEventDefinedInline: DirectEventHandler<EventInFile>,
  onDirectEventDefinedInlineWithPaperName: DirectEventHandler<EventInFile,
'paperDirectEventDefinedInlineWithPaperName'>,
|}>;

type NativeType = HostComponent<ModuleProps>;

export type ScrollTo = (viewRef: React.ElementRef<NativeType>, y: Int, animated: Boolean) => Void;

interface NativeCommands {
  +scrollTo: ScrollTo;
}

export const Commands = codegenNativeCommands<NativeCommands>({
  supportedCommands: ['scrollTo']
});

export default (codegenNativeComponent<ModuleProps>(
  'Module',
): NativeType);
`;
```

```

module.exports = {
  ALL_PROP_TYPES_NO_EVENTS,
  ARRAY_PROP_TYPES_NO_EVENTS,
  OBJECT_PROP_TYPES_NO_EVENTS,
  PROPS_ALIASED_LOCALLY,
  ONE_OF_EACH_PROP_EVENT_DEFAULT_AND_OPTIONS,
  ONE_OF_EACH_PROP_EVENT_DEFAULT_AND_OPTIONS_NO_CAST,
  NO_PROPS_EVENTS_ONLY_DEPRECATED_VIEW_CONFIG_NAME_OPTION,
  EVENTS_DEFINED_INLINE_WITH_ALL_TYPES,
  EVENTS_DEFINED_AS_NULL_INLINE,
  PROPS_AND_EVENTS_TYPES_EXPORTED,
  COMMANDS_AND_EVENTS_TYPES_EXPORTED,
  COMMANDS_DEFINED_WITH_ALL_TYPES,
  PROPS_AS_EXTERNAL_TYPES,
  COMMANDS_WITH_EXTERNAL_TYPES,
};

```

Found in path(s):

```

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/parsers/flow/components/__test_fixtures__/fixtures.js.flow

```

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```

/**
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 *
 * @flow strict
 * @format
 */

```

```

'use strict';

```

```

import type {
  NamedShape,
  CommandTypeAnnotation,
  ComponentShape,
  SchemaType,
  CommandParamTypeAnnotation,
} from '../CodegenSchema';

```

```

type FilesOutput = Map<string, string>;

```

```

function getOrdinalNumber(num: number): string {
  switch (num) {
    case 1:
      return '1st';
  }
}

```

```

    case 2:
        return '2nd';
    case 3:
        return '3rd';
    }

    if (num <= 20) {
        return `${num}th`;
    }

    return 'unknown';
}

const protocolTemplate = `
@protocol RCT::_COMPONENT_NAME_::ViewProtocol <NSObject>
::_METHODS_::
@end
`.trim();

const commandHandlerIfCaseConvertArgTemplate = `
NSObject *arg::_ARG_NUMBER_:: = args[::_ARG_NUMBER_::];
#ifdef RCT_DEBUG
if (!RCTValidateTypeOfViewCommandArgument(arg::_ARG_NUMBER_::, ::_EXPECTED_KIND_::,
@"::_EXPECTED_KIND_STRING_::", @"::_COMPONENT_NAME_::", commandName,
@"::_ARG_NUMBER_STR_::")) {
    return;
}
#endif
::_ARG_CONVERSION_::
`.trim();

const commandHandlerIfCaseTemplate = `
if ([commandName isEqualToString:@"::_COMMAND_NAME_::"]) {
#ifdef RCT_DEBUG
if ([args count] != ::_NUM_ARGS_::) {
    RCTLogError(@"%@ command %@ received %d arguments, expected %d.", @"::_COMPONENT_NAME_::",
commandName, (int)[args count], ::_NUM_ARGS_::);
    return;
}
#endif
::_CONVERT_ARGS_::

::_COMMAND_CALL_::
return;
}
`.trim();

```

```

const commandHandlerTemplate = `
RCT_EXTERN inline void RCT::_COMPONENT_NAME_::HandleCommand(
  id<RCT::_COMPONENT_NAME_::ViewProtocol> componentView,
  NSString const *commandName,
  NSArray const *args)
{
  ::_IF_CASES_::

#ifdef RCT_DEBUG
  RCTLogError(@"%@ received command %@, which is not a supported command.",
    @"::_COMPONENT_NAME_::", commandName);
#endif
}
`.trim();

const template = `
/**
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 *
 * ${'@'} generated by codegen project: GenerateComponentHObjCpp.js
 */

#import <Foundation/Foundation.h>
#import <React/RCTDefines.h>
#import <React/RCTLog.h>

NS_ASSUME_NONNULL_BEGIN

::_COMPONENT_CONTENT_::

NS_ASSUME_NONNULL_END
`.trim();

type Param = NamedShape<CommandParamTypeAnnotation>;

function getObjCParamType(param: Param): string {
  const {typeAnnotation} = param;

  switch (typeAnnotation.type) {
    case 'ReservedTypeAnnotation':
      switch (typeAnnotation.name) {
        case 'RootTag':
          return 'double';
        default:
          (typeAnnotation.name: empty);
      }
  }
}

```

```

        throw new Error(`Received invalid type: ${typeAnnotation.name}`);
    }
    case 'BooleanTypeAnnotation':
        return 'BOOL';
    case 'DoubleTypeAnnotation':
        return 'double';
    case 'FloatTypeAnnotation':
        return 'float';
    case 'Int32TypeAnnotation':
        return 'NSInteger';
    case 'StringTypeAnnotation':
        return 'NSString *';
    default:
        (typeAnnotation.type: empty);
        throw new Error('Received invalid param type annotation');
    }
}

```

```

function getObjCExpectedKindParamType(param: Param): string {
    const {typeAnnotation} = param;

    switch (typeAnnotation.type) {
        case 'ReservedTypeAnnotation':
            switch (typeAnnotation.name) {
                case 'RootTag':
                    return '[NSNumber class]';
                default:
                    (typeAnnotation.name: empty);
                    throw new Error(`Received invalid type: ${typeAnnotation.name}`);
            }
        case 'BooleanTypeAnnotation':
            return '[NSNumber class]';
        case 'DoubleTypeAnnotation':
            return '[NSNumber class]';
        case 'FloatTypeAnnotation':
            return '[NSNumber class]';
        case 'Int32TypeAnnotation':
            return '[NSNumber class]';
        case 'StringTypeAnnotation':
            return '[NSString class]';
        default:
            (typeAnnotation.type: empty);
            throw new Error('Received invalid param type annotation');
    }
}

```

```

function getReadableExpectedKindParamType(param: Param): string {
    const {typeAnnotation} = param;

```

```

switch (typeAnnotation.type) {
  case 'ReservedTypeAnnotation':
    switch (typeAnnotation.name) {
      case 'RootTag':
        return 'double';
      default:
        (typeAnnotation.name: empty);
        throw new Error(`Receieved invalid type: ${typeAnnotation.name}`);
    }
  case 'BooleanTypeAnnotation':
    return 'boolean';
  case 'DoubleTypeAnnotation':
    return 'double';
  case 'FloatTypeAnnotation':
    return 'float';
  case 'Int32TypeAnnotation':
    return 'number';
  case 'StringTypeAnnotation':
    return 'string';
  default:
    (typeAnnotation.type: empty);
    throw new Error('Received invalid param type annotation');
}
}

```

```

function getObjCRightHandAssignmentParamType(
  param: Param,
  index: number,
): string {
  const {typeAnnotation} = param;

  switch (typeAnnotation.type) {
    case 'ReservedTypeAnnotation':
      switch (typeAnnotation.name) {
        case 'RootTag':
          return `[(NSNumber *)arg${index} doubleValue]`;
        default:
          (typeAnnotation.name: empty);
          throw new Error(`Receieved invalid type: ${typeAnnotation.name}`);
      }
    case 'BooleanTypeAnnotation':
      return `[(NSNumber *)arg${index} boolValue]`;
    case 'DoubleTypeAnnotation':
      return `[(NSNumber *)arg${index} doubleValue]`;
    case 'FloatTypeAnnotation':
      return `[(NSNumber *)arg${index} floatValue]`;
    case 'Int32TypeAnnotation':

```

```

    return `[(NSNumber *)arg${index} intValue]`;
case 'StringTypeAnnotation':
    return `(NSString *)arg${index}`;
default:
    (typeAnnotation.type: empty);
    throw new Error('Received invalid param type annotation');
}
}

function generateProtocol(
  component: ComponentShape,
  componentName: string,
): string {
  const commands = component.commands
  .map(command => {
    const params = command.typeAnnotation.params;
    const paramString =
      params.length === 0
        ? ""
        : params
          .map((param, index) => {
            const objcType = getObjCParamType(param);

            return `${index === 0 ? "" : param.name}:(${objcType})${
              param.name
            }`;
          })
          .join(' ');
    return `-(void)${command.name}${paramString};`;
  })
  .join('\n')
  .trim();

  return protocolTemplate
    .replace(/::_COMPONENT_NAME_:/g, componentName)
    .replace('::_METHODS_:', commands);
}

function generateConvertAndValidateParam(
  param: Param,
  index: number,
  componentName: string,
): string {
  const leftSideType = getObjCParamType(param);
  const expectedKind = getObjCExpectedKindParamType(param);
  const expectedKindString = getReadableExpectedKindParamType(param);
  const argConversion = `${leftSideType} ${
    param.name
  }`;

```



```

} = ${getObjCRightHandAssignmentParamType(param, index)};

return commandHandlerIfCaseConvertArgTemplate
  .replace(/::_COMPONENT_NAME_::/g, componentName)
  .replace(/::_ARG_CONVERSION_::', argConversion)
  .replace(/::_ARG_NUMBER_::/g, " + index)
  .replace(/::_ARG_NUMBER_STR_::', getOrdinalNumber(index + 1))
  .replace(/::_EXPECTED_KIND_::', expectedKind)
  .replace(/::_EXPECTED_KIND_STRING_::', expectedKindString);
}

function generateCommandIfCase(
  command: NamedShape<CommandTypeAnnotation>,
  componentName: string,
) {
  const params = command.typeAnnotation.params;

  const convertArgs = params
    .map((param, index) =>
      generateConvertAndValidateParam(param, index, componentName),
    )
    .join('\n\n')
    .trim();

  const commandCallArgs =
    params.length === 0
      ? "
      : params
        .map((param, index) => {
          return `${index === 0 ? " : param.name} : ${param.name}`;
        })
        .join(' ');
  const commandCall = `[componentView ${command.name}${commandCallArgs}];`;

  return commandHandlerIfCaseTemplate
    .replace(/::_COMPONENT_NAME_::/g, componentName)
    .replace(/::_COMMAND_NAME_::/g, command.name)
    .replace(/::_NUM_ARGS_::/g, " + params.length)
    .replace(/::_CONVERT_ARGS_::', convertArgs)
    .replace(/::_COMMAND_CALL_::', commandCall);
}

function generateCommandHandler(
  component: ComponentShape,
  componentName: string,
): ?string {
  if (component.commands.length === 0) {
    return null;
  }

```

```

}

const ifCases = component.commands
  .map(command => generateCommandIfCase(command, componentName))
  .join('\n\n');

return commandHandlerTemplate
  .replace(/::_COMPONENT_NAME_::/g, componentName)
  .replace('::_IF_CASES_::', ifCases);
}

module.exports = {
  generate(
    libraryName: string,
    schema: SchemaType,
    packageName?: string,
  ): FilesOutput {
    const fileName = 'RCTComponentViewHelpers.h';

    const componentContent = Object.keys(schema.modules)
      .map(moduleName => {
        const module = schema.modules[moduleName];
        if (module.type !== 'Component') {
          return;
        }

        const { components } = module;
        // No components in this module
        if (components == null) {
          return null;
        }

        return Object.keys(components)
          .filter(componentName => {
            const component = components[componentName];
            return !(
              component.excludedPlatforms &&
              component.excludedPlatforms.includes('iOS')
            );
          })
          .map(componentName => {
            return [
              generateProtocol(components[componentName], componentName),
              generateCommandHandler(components[componentName], componentName),
            ]
              .join('\n\n')
              .trim();
          })
      });
  }
};

```

```

        .join('\n\n');
    })
    .filter(Boolean)
    .join('\n\n');

const replacedTemplate = template.replace(
  '::_COMPONENT_CONTENT_::',
  componentContent,
);

return new Map([[fileName, replacedTemplate]]);
},
};

```

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* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/components/GenerateComponentHObjCpp.js.flow
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* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/components/GenerateShadowNodeH.js.flow
 * /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/components/GeneratePropsCpp.js.flow
 * /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/components/GenerateEventEmitterCpp.js.flow
 * /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/components/GenerateComponentDescriptorH.js.flow
 * /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/components/GenerateEventEmitterH.js.flow
 * /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/components/GeneratePropsH.js.flow
 * /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/modules/GenerateModuleH.js.flow
 * /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/components/GenerateTests.js.flow
 * /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/components/GenerateShadowNodeCpp.js.flow
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*
*
* @format
*/

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* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/components/GenerateViewConfigJs.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/modules/GenerateModuleH.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/components/GeneratePropsJavaPojo/serializePojo.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/components/CppHelpers.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/cli/generators/generate-all.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/modules/Utils.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/modules/GenerateModuleObjCpp/Utils.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/components/GenerateTests.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/parsers/flow/components/__test_fixtures__/fixtures.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/parsers/schema/index.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/parsers/flow/components/options.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/components/GeneratePropsH.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/modules/GenerateModuleCpp.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/modules/GenerateModuleObjCpp/header/serializeStruct.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/parsers/flow/utlis.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/parsers/flow/modules/errors.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/modules/GenerateModuleJavaSpec.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/cli/parser/parser.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/components/JavaHelpers.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/parsers/flow/errors.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/modules/GenerateModuleJniH.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/parsers/flow/components/commands.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-

tgz/package/lib/generators/components/GenerateEventEmitterCpp.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/modules/GenerateModuleObjCpp/source/serializeModule.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/components/GeneratePropsJavaInterface.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/modules/GenerateModuleJniCpp.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/components/GenerateComponentDescriptorH.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/modules/GenerateModuleObjCpp/serializeMethod.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/components/GeneratePropsCpp.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/components/GenerateEventEmitterH.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/modules/GenerateModuleObjCpp/header/serializeConstantsStruct.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/parsers/flow/modules/__test_fixtures__/fixtures.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/components/GenerateShadowNodeH.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/modules/__test_fixtures__/fixtures.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/components/GeneratePropsJavaPojo/index.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/modules/GenerateModuleObjCpp/StructCollector.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/modules/GenerateModuleObjCpp/header/serializeRegularStruct.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/modules/GenerateModuleObjCpp/index.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/parsers/flow/components/index.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/parsers/flow/components/events.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/parsers/flow/index.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/parsers/flow/components/__test_fixtures__/failures.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/parsers/flow/modules/index.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/SchemaValidator.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/parsers/flow/modules/Utils.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/cli/combine/combine-js-to-schema.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/CodegenSchema.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/components/__test_fixtures__/fixtures.js

```
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/components/GenerateShadowNodeCpp.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/Utils.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/parsers/flow/components/extends.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/components/GenerateComponentHObjCpp.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/RNCodegen.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/components/GeneratePropsJavaDelegate.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/parsers/flow/components/props.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/parsers/flow/modules/__test_fixtures__/failures.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/components/GeneratePropsJavaPojo/PojoCollector.js
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```

```
/**
```

```
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* LICENSE file in the root directory of this source tree.
*
* @flow strict
* @format
*/
```

```
'use strict';
```

```
import type {
  Nullable,
  NativeModuleObjectTypeAnnotation,
  NativeModuleStringTypeAnnotation,
  NativeModuleNumberTypeAnnotation,
  NativeModuleInt32TypeAnnotation,
  NativeModuleDoubleTypeAnnotation,
  NativeModuleFloatTypeAnnotation,
  NativeModuleBooleanTypeAnnotation,
  NativeModuleGenericObjectTypeAnnotation,
  ReservedTypeAnnotation,
  NativeModuleTypeAliasTypeAnnotation,
  NativeModuleArrayTypeAnnotation,
  NativeModuleBaseTypeAnnotation,
} from '../../../../CodegenSchema';
```

```
import type {AliasResolver} from './Utils';
```

```

const {capitalize} = require('../Utils');
const {
  unwrapNullable,
  wrapNullable,
} = require('../parsers/flow/modules/utils');

type StructContext = 'CONSTANTS' | 'REGULAR';

export type RegularStruct = $ReadOnly<{
  context: 'REGULAR',
  name: string,
  properties: $ReadOnlyArray<StructProperty>,
}>;

export type ConstantsStruct = $ReadOnly<{
  context: 'CONSTANTS',
  name: string,
  properties: $ReadOnlyArray<StructProperty>,
}>;

export type Struct = RegularStruct | ConstantsStruct;

export type StructProperty = $ReadOnly<{
  name: string,
  optional: boolean,
  typeAnnotation: Nullable<StructTypeAnnotation>,
}>;

export type StructTypeAnnotation =
  | NativeModuleStringTypeAnnotation
  | NativeModuleNumberTypeAnnotation
  | NativeModuleInt32TypeAnnotation
  | NativeModuleDoubleTypeAnnotation
  | NativeModuleFloatTypeAnnotation
  | NativeModuleBooleanTypeAnnotation
  | NativeModuleGenericTypeAnnotation
  | ReservedTypeAnnotation
  | NativeModuleTypeAliasTypeAnnotation
  | NativeModuleArrayTypeAnnotation<Nullable<StructTypeAnnotation>>;

class StructCollector {
  _structs: Map<string, Struct> = new Map();

  process(
    structName: string,
    structContext: StructContext,
    resolveAlias: AliasResolver,
  )

```

```

    nullableTypeAnnotation: Nullable<NativeModuleBaseTypeAnnotation>,
): Nullable<StructTypeAnnotation> {
    const [typeAnnotation, nullable] = unwrapNullable(nullableTypeAnnotation);
    switch (typeAnnotation.type) {
    case 'ObjectTypeAnnotation': {
        this._insertStruct(
            structName,
            structContext,
            resolveAlias,
            typeAnnotation,
        );
        return wrapNullable(nullable, {
            type: 'TypeAliasTypeAnnotation',
            name: structName,
        });
    }
    case 'ArrayTypeAnnotation': {
        if (typeAnnotation.elementType == null) {
            return wrapNullable(nullable, {
                type: 'ArrayTypeAnnotation',
            });
        }

        return wrapNullable(nullable, {
            type: 'ArrayTypeAnnotation',
            elementType: this.process(
                structName + 'Element',
                structContext,
                resolveAlias,
                typeAnnotation.elementType,
            ),
        });
    }
    case 'TypeAliasTypeAnnotation': {
        this._insertAlias(typeAnnotation.name, structContext, resolveAlias);
        return wrapNullable(nullable, typeAnnotation);
    }
    default: {
        return wrapNullable(nullable, typeAnnotation);
    }
    }
}

_insertAlias(
    aliasName: string,
    structContext: StructContext,
    resolveAlias: AliasResolver,
): void {

```



```

const usedStruct = this._structs.get(aliasName);
if (usedStruct == null) {
  this._insertStruct(
    aliasName,
    structContext,
    resolveAlias,
    resolveAlias(aliasName),
  );
} else if (usedStruct.context !== structContext) {
  throw new Error(
    `Tried to use alias '${aliasName}' in a getConstants() return type and inside a regular struct.`);
}
}
}

```

```

_insertStruct(
  structName: string,
  structContext: StructContext,
  resolveAlias: AliasResolver,
  objectTypeAnnotation: NativeModuleObjectTypeAnnotation,
): void {
  const properties = objectTypeAnnotation.properties.map<
    $ReadOnly<{
      name: string,
      optional: boolean,
      typeAnnotation: Nullable<StructTypeAnnotation>,
    }>,
  >(property => {
    const propertyStructName = structName + capitalize(property.name);

    return {
      ...property,
      typeAnnotation: this.process(
        propertyStructName,
        structContext,
        resolveAlias,
        property.typeAnnotation,
      ),
    };
  });
}

```

```

switch (structContext) {
  case 'REGULAR':
    this._structs.set(structName, {
      name: structName,
      context: 'REGULAR',
      properties: properties,
    });
}

```

```

    break;
  case 'CONSTANTS':
    this._structs.set(structName, {
      name: structName,
      context: 'CONSTANTS',
      properties: properties,
    });
    break;
  default:
    (structContext: empty);
    throw new Error(`Detected an invalid struct context: ${structContext}`);
  }
}

```

```

getAllStructs(): $ReadOnlyArray<Struct> {
  return [...this._structs.values()];
}

```

```

getStruct(name: string): ?Struct {
  return this._structs.get(name);
}
}

```

```

module.exports = {
  StructCollector,
};

```

Found in path(s):

```

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/modules/GenerateModuleObjCpp/StructCollector.js.flow
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```

```

/**

```

```

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```

```

*

```

```

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```

```

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```

```

*

```

```

* @format

```

```

*

```

```

*/

```

Found in path(s):

```

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/parsers/flow/modules/schema.js
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/parsers/flow/components/schema.js

```

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*/opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/parsers/flow/modules/errors.js.flow

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*

* @format

* @flow strict-local

*/

'use strict';

```
import type {
  EventTypeShape,
  NamedShape,
  CommandTypeAnnotation,
  PropTypeAnnotation,
  ExtendsPropsShape,
  SchemaType,
  OptionsShape,
} from '../././CodegenSchema.js';
```

```
export type ComponentSchemaBuilderConfig = $ReadOnly<{
  filename: string,
  componentName: string,
  extendsProps: $ReadOnlyArray<ExtendsPropsShape>,
  events: $ReadOnlyArray<EventTypeShape>,
  props: $ReadOnlyArray<NamedShape<PropTypeAnnotation>>,
  commands: $ReadOnlyArray<NamedShape<CommandTypeAnnotation>>,
  options?: ?OptionsShape,
}>;
```

```
function wrapComponentSchema({
  filename,
  componentName,
  extendsProps,
  events,
  props,
  options,
```

```

commands,
}: ComponentSchemaBuilderConfig): SchemaType {
return {
  modules: {
    [filename]: {
      type: 'Component',
      components: {
        [componentName]: {
          ...(options || {}),
          extendsProps,
          events,
          props,
          commands,
        },
      },
    },
  },
};
}

```

```

module.exports = {
  wrapComponentSchema,
};

```

Found in path(s):

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/parsers/flow/components/schema.js.flow

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```

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 *
 * @flow strict
 * @format
 */

```

```
'use strict';
```

```

import type {
  NamedShape,
  CommandTypeAnnotation,
  ComponentShape,
  PropTypeAnnotation,
  SchemaType,
} from '../CodegenSchema';

```

```

const {
  getImports,
  toSafeJavaString,
  getInterfaceJavaClassName,
} = require('./JavaHelpers');

// File path -> contents
type FilesOutput = Map<string, string>;

const template = `/**
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 *
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 * LICENSE file in the root directory of this source tree.
 *
 * ${'@'}generated by codegen project: GeneratePropsJavaInterface.js
 */

package ::_PACKAGE_NAME_::;

::_IMPORTS_::

public interface ::_CLASSNAME_::<T extends ::_EXTEND_CLASSES_::> {
  ::_METHODS_::
}
`;

function addNullable(imports) {
  imports.add('import androidx.annotation.Nullable;');
}

function getJavaValueForProp(
  prop: NamedShape<PropTypeAnnotation>,
  imports,
): string {
  const typeAnnotation = prop.typeAnnotation;

  switch (typeAnnotation.type) {
    case 'BooleanTypeAnnotation':
      if (typeAnnotation.default === null) {
        addNullable(imports);
        return '@Nullable Boolean value';
      } else {
        return 'boolean value';
      }
    case 'StringTypeAnnotation':
      addNullable(imports);
      return '@Nullable String value';
  }
}

```

```

case 'Int32TypeAnnotation':
    return 'int value';
case 'DoubleTypeAnnotation':
    return 'double value';
case 'FloatTypeAnnotation':
    if (typeAnnotation.default === null) {
        addNullable(imports);
        return '@Nullable Float value';
    } else {
        return 'float value';
    }
}
case 'ReservedPropTypeAnnotation':
    switch (typeAnnotation.name) {
        case 'ColorPrimitive':
            addNullable(imports);
            return '@Nullable Integer value';
        case 'ImageSourcePrimitive':
            addNullable(imports);
            return '@Nullable ReadableMap value';
        case 'PointPrimitive':
            addNullable(imports);
            return '@Nullable ReadableMap value';
        case 'EdgeInsetsPrimitive':
            addNullable(imports);
            return '@Nullable ReadableMap value';
        default:
            (typeAnnotation.name: empty);
            throw new Error('Received unknown ReservedPropTypeAnnotation');
    }
}
case 'ArrayTypeAnnotation': {
    addNullable(imports);
    return '@Nullable ReadableArray value';
}
}
case 'ObjectTypeAnnotation': {
    addNullable(imports);
    return '@Nullable ReadableMap value';
}
}
case 'StringEnumTypeAnnotation':
    addNullable(imports);
    return '@Nullable String value';
case 'Int32EnumTypeAnnotation':
    addNullable(imports);
    return '@Nullable Integer value';
default:
    (typeAnnotation: empty);
    throw new Error('Received invalid typeAnnotation');
}
}

```

```

function generatePropsString(component: ComponentShape, imports) {
  if (component.props.length === 0) {
    return '// No props';
  }

  return component.props
    .map(prop => {
      return `void set${toSafeJavaString(
        prop.name,
      )}(T view, ${getJavaValueForProp(prop, imports)});`;
    })
    .join('\n + ');
}

function getCommandArgJavaType(param) {
  const {typeAnnotation} = param;

  switch (typeAnnotation.type) {
    case 'ReservedTypeAnnotation':
      switch (typeAnnotation.name) {
        case 'RootTag':
          return 'double';
        default:
          (typeAnnotation.name: empty);
          throw new Error(`Receieved invalid type: ${typeAnnotation.name}`);
      }
    case 'BooleanTypeAnnotation':
      return 'boolean';
    case 'DoubleTypeAnnotation':
      return 'double';
    case 'FloatTypeAnnotation':
      return 'float';
    case 'Int32TypeAnnotation':
      return 'int';
    case 'StringTypeAnnotation':
      return 'String';
    default:
      (typeAnnotation.type: empty);
      throw new Error('Receieved invalid typeAnnotation');
  }
}

function getCommandArguments(
  command: NamedShape<CommandTypeAnnotation>,
  componentName: string,
): string {
  return [

```

```

'T view',
...command.typeAnnotation.params.map(param => {
  const commandArgJavaType = getCommandArgJavaType(param);

  return `${commandArgJavaType} ${param.name}`;
}),
].join(', ');
}

```

```

function generateCommandsString(
  component: ComponentShape,
  componentName: string,
) {
  return component.commands
    .map(command => {
      const safeJavaName = toSafeJavaString(command.name, false);

      return `void ${safeJavaName}(${getCommandArguments(
        command,
        componentName,
      )});`;
    })
    .join('\n' + ' ');
}

```

```

function getClassExtendString(component): string {
  const extendString = component.extendsProps
    .map(extendProps => {
      switch (extendProps.type) {
        case 'ReactNativeBuiltInType':
          switch (extendProps.knownTypeName) {
            case 'ReactNativeCoreViewProps':
              return 'View';
            default:
              (extendProps.knownTypeName: empty);
              throw new Error('Invalid knownTypeName');
          }
        default:
          (extendProps.type: empty);
          throw new Error('Invalid extended type');
      }
    })
    .join("");

  return extendString;
}

```

```

module.exports = {

```



```

generate(
  libraryName: string,
  schema: SchemaType,
  packageName?: string,
): FileOutput {
  // TODO: This doesn't support custom package name yet.
  const normalizedPackageName = 'com.facebook.react.viewmanagers';
  const outputDir = `java/${normalizedPackageName.replace(/\./g, '/')}`;

  const files = new Map();
  Object.keys(schema.modules).forEach(moduleName => {
    const module = schema.modules[moduleName];
    if (module.type !== 'Component') {
      return;
    }

    const {components} = module;

    // No components in this module
    if (components == null) {
      return;
    }

    return Object.keys(components)
      .filter(componentName => {
        const component = components[componentName];
        return !(
          component.excludedPlatforms &&
          component.excludedPlatforms.includes('android')
        );
      })
      .forEach(componentName => {
        const component = components[componentName];
        const className = getInterfaceJavaClassName(componentName);

        const imports = getImports(component, 'interface');
        const propsString = generatePropsString(component, imports);
        const commandsString = generateCommandsString(
          component,
          componentName,
        );
        const extendString = getClassExtendString(component);

        const replacedTemplate = template
          .replace(
            /::_IMPORTS_::/g,
            Array.from(imports)
              .sort()

```

```

        .join('\n'),
    )
    .replace(/::_PACKAGE_NAME_::/g, normalizedPackageName)
    .replace(/::_CLASSNAME_::/g, className)
    .replace('::_EXTEND_CLASSES_::', extendString)
    .replace(
        '::_METHODS_::',
        [propsString, commandsString].join('\n' + ' ').trimRight(),
    )
    .replace('::_COMMAND_HANDLERS_::', commandsString);

    files.set(`${outputDir}/${className}.java`, replacedTemplate);
});
});

return files;
},
};

```

Found in path(s):

```

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/components/GeneratePropsJavaInterface.js.flow
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```

```
/**
```

```
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```

```
*
```

```
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```

```
* LICENSE file in the root directory of this source tree.
```

```
*
```

```
* @flow strict
```

```
* @format
```

```
*/
```

```
'use strict';
```

```

import type {
  NamedShape,
  CommandTypeAnnotation,
  ComponentShape,
  PropTypeAnnotation,
  SchemaType,
} from '../CodegenSchema';
const {
  getImports,
  toSafeJavaString,
  getInterfaceJavaClassName,
  getDelegateJavaClassName,

```

```

} = require('./JavaHelpers');

// File path -> contents
type FilesOutput = Map<string, string>;

const template = `/**
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 *
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 * LICENSE file in the root directory of this source tree.
 *
 * ${'@'}generated by codegen project: GeneratePropsJavaDelegate.js
 */

package ::_PACKAGE_NAME_::;

::_IMPORTS_::

public class ::_CLASSNAME_::<T extends ::_EXTEND_CLASSES_::, U extends BaseViewManagerInterface<T>
& ::_INTERFACE_CLASSNAME_::<T>> extends BaseViewManagerDelegate<T, U> {
  public ::_CLASSNAME_::(U viewManager) {
    super(viewManager);
  }
  ::_METHODS_::
}
`;

const propSetterTemplate = `
@Override
public void setProperty(T view, String propName, @Nullable Object value) {
  ::_PROP_CASES_::
}
`;

const commandsTemplate = `
@Override
public void receiveCommand(T view, String commandName, ReadableArray args) {
  switch (commandName) {
    ::_COMMAND_CASES_::
  }
}
`;

function getJavaValueForProp(
  prop: NamedShape<PropTypeAnnotation>,
  componentName: string,
): string {
  const typeAnnotation = prop.typeAnnotation;

```

```

switch (typeAnnotation.type) {
  case 'BooleanTypeAnnotation':
    if (typeAnnotation.default === null) {
      return `value == null ? null : (Boolean) value`;
    } else {
      return `value == null ? ${typeAnnotation.default.toString()} : (boolean) value`;
    }
  case 'StringTypeAnnotation':
    const defaultStringValue =
      typeAnnotation.default === null
        ? 'null'
        : `"` + typeAnnotation.default + "`";
    return `value == null ? ${defaultStringValue} : (String) value`;
  case 'Int32TypeAnnotation':
    return `value == null ? ${typeAnnotation.default} : ((Double) value).intValue`;
  case 'DoubleTypeAnnotation':
    if (prop.optional) {
      return `value == null ? ${typeAnnotation.default}f : ((Double) value).doubleValue`;
    } else {
      return `value == null ? Double.NaN : ((Double) value).doubleValue`;
    }
  case 'FloatTypeAnnotation':
    if (typeAnnotation.default === null) {
      return `value == null ? null : ((Double) value).floatValue`;
    } else if (prop.optional) {
      return `value == null ? ${typeAnnotation.default}f : ((Double) value).floatValue`;
    } else {
      return `value == null ? Float.NaN : ((Double) value).floatValue`;
    }
  case 'ReservedPropTypeAnnotation':
    switch (typeAnnotation.name) {
      case 'ColorPrimitive':
        return `ColorPropConverter.getColor(value, view.getContext)`;
      case 'ImageSourcePrimitive':
        return `(ReadableMap) value`;
      case 'PointPrimitive':
        return `(ReadableMap) value`;
      case 'EdgeInsetsPrimitive':
        return `(ReadableMap) value`;
      default:
        (typeAnnotation.name: empty);
        throw new Error('Received unknown ReservedPropTypeAnnotation');
    }
  case 'ArrayTypeAnnotation': {
    return `(ReadableArray) value`;
  }
  case 'ObjectTypeAnnotation': {

```

```

    return '(ReadableMap) value';
  }
  case 'StringEnumTypeAnnotation':
    return '(String) value';
  case 'Int32EnumTypeAnnotation':
    return `value == null ? ${typeAnnotation.default} : ((Double) value).intValue()`;
  default:
    (typeAnnotation: empty);
    throw new Error('Received invalid typeAnnotation');
  }
}

```

```

function generatePropCasesString(
  component: ComponentShape,
  componentName: string,
) {
  if (component.props.length === 0) {
    return 'super.setProperty(view, propName, value);';
  }

```

```

  const cases = component.props
    .map(prop => {
      return `case "${prop.name}":
        mViewManager.set${toSafeJavaString(
          prop.name,
        )}(view, ${getJavaValueForProp(prop, componentName)});
        break;`;
    })
    .join('\n' + '  ');

```

```

  return `switch (propName) {
    ${cases}
    default:
      super.setProperty(view, propName, value);
  }`;
}

```

```

function getCommandArgJavaType(param, index) {
  const {typeAnnotation} = param;

  switch (typeAnnotation.type) {
    case 'ReservedTypeAnnotation':
      switch (typeAnnotation.name) {
        case 'RootTag':
          return `args.getDouble(${index})`;
        default:
          (typeAnnotation.name: empty);
          throw new Error('Received invalid type: ${typeAnnotation.name}');
      }

```

```

    }
    case 'BooleanTypeAnnotation':
        return `args.getBoolean(${index})`;
    case 'DoubleTypeAnnotation':
        return `args.getDouble(${index})`;
    case 'FloatTypeAnnotation':
        return `(float) args.getDouble(${index})`;
    case 'Int32TypeAnnotation':
        return `args.getInt(${index})`;
    case 'StringTypeAnnotation':
        return `args.getString(${index})`;
    default:
        (typeAnnotation.type: empty);
        throw new Error(`Receieved invalid type: ${typeAnnotation.type}`);
    }
}

```

```

function getCommandArguments(
    command: NamedShape<CommandTypeAnnotation>,
): string {
    return [
        'view',
        ...command.typeAnnotation.params.map(getCommandArgJavaType),
    ].join(', ');
}

```

```

function generateCommandCasesString(
    component: ComponentShape,
    componentName: string,
) {
    if (component.commands.length === 0) {
        return null;
    }
}

```

```

const commandMethods = component.commands
    .map(command => {
        return `case "${command.name}":
            mViewManager.${toSafeJavaString(
                command.name,
                false,
            )}(${getCommandArguments(command)});
            break;`;
    })
    .join('\n' + ' ');

return commandMethods;
}

```

```

function getClassExtendString(component): string {
  const extendString = component.extendsProps
  .map(extendProps => {
    switch (extendProps.type) {
      case 'ReactNativeBuiltInType':
        switch (extendProps.knownTypeName) {
          case 'ReactNativeCoreViewProps':
            return 'View';
          default:
            (extendProps.knownTypeName: empty);
            throw new Error('Invalid knownTypeName');
        }
      default:
        (extendProps.type: empty);
        throw new Error('Invalid extended type');
    }
  })
  .join("");

  return extendString;
}

function getDelegateImports(component) {
  const imports = getImports(component, 'delegate');
  // The delegate needs ReadableArray for commands always.
  // The interface doesn't always need it
  if (component.commands.length > 0) {
    imports.add('import com.facebook.react.bridge.ReadableArray;');
  }
  imports.add('import androidx.annotation.Nullable;');
  imports.add('import com.facebook.react.uimanager.BaseViewManagerDelegate;');
  imports.add('import com.facebook.react.uimanager.BaseViewManagerInterface;');

  return imports;
}

function generateMethods(propsString, commandsString): string {
  return [
    propSetterTemplate.trim().replace('::_PROP_CASES_::', propsString),
    commandsString != null
      ? commandsTemplate.trim().replace('::_COMMAND_CASES_::', commandsString)
      : "",
  ]
  .join("\n\n ")
  .trimRight();
}

module.exports = {

```

```

generate(
  libraryName: string,
  schema: SchemaType,
  packageName?: string,
): FilesOutput {
  // TODO: This doesn't support custom package name yet.
  const normalizedPackageName = 'com.facebook.react.viewmanagers';
  const outputDir = `java/${normalizedPackageName.replace(/\./g, '/')}`;

  const files = new Map();
  Object.keys(schema.modules).forEach(moduleName => {
    const module = schema.modules[moduleName];
    if (module.type !== 'Component') {
      return;
    }

    const {components} = module;
    // No components in this module
    if (components == null) {
      return;
    }

    return Object.keys(components)
      .filter(componentName => {
        const component = components[componentName];
        return !(
          component.excludedPlatforms &&
          component.excludedPlatforms.includes('android')
        );
      })
      .forEach(componentName => {
        const component = components[componentName];
        const className = getDelegateJavaClassName(componentName);
        const interfaceClassName = getInterfaceJavaClassName(componentName);

        const imports = getDelegateImports(component);
        const propsString = generatePropCasesString(component, componentName);
        const commandsString = generateCommandCasesString(
          component,
          componentName,
        );
        const extendString = getClassExtendString(component);

        const replacedTemplate = template
          .replace(
            /::_IMPORTS_::/g,
            Array.from(imports)
              .sort()

```



```

        .join('\n'),
    )
    .replace(/::_PACKAGE_NAME_::/g, normalizedPackageName)
    .replace(/::_CLASSNAME_::/g, className)
    .replace('::_EXTEND_CLASSES_::', extendString)
    .replace('::_PROP_CASES_::', propsString)
    .replace(
        '::_METHODS_::',
        generateMethods(propsString, commandsString),
    )
    .replace(/::_INTERFACE_CLASSNAME_::/g, interfaceClassName);

    files.set(`${outputDir}/${className}.java`, replacedTemplate);
  });
});

return files;
},
};

```

Found in path(s):

```

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/components/GeneratePropsJavaDelegate.js.flow
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```

```
/**
```

```
* Copyright (c) Facebook, Inc. and its affiliates.
```

```
*
```

```
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```

```
* LICENSE file in the root directory of this source tree.
```

```
*
```

```
* @flow strict-local
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
const {ParserError} = require('./errors');
```

```
/**
```

```
* This FlowFixMe is supposed to refer to an InterfaceDeclaration or TypeAlias
```

```
* declaration type. Unfortunately, we don't have those types, because flow-parser
```

```
* generates them, and flow-parser is not type-safe. In the future, we should find
```

```
* a way to get these types from our flow parser library.
```

```
*
```

```
* TODO(T71778680): Flow type AST Nodes
```

```
*/
```

```
export type TypeDeclarationMap = {[declarationName: string]: $FlowFixMe};
```

```

function getTypes(ast: $FlowFixMe): TypeDeclarationMap {
  return ast.body.reduce((types, node) => {
    if (node.type === 'ExportNamedDeclaration' && node.exportKind === 'type') {
      if (
        node.declaration.type === 'TypeAlias' ||
        node.declaration.type === 'InterfaceDeclaration'
      ) {
        types[node.declaration.id.name] = node.declaration;
      }
    } else if (
      node.type === 'TypeAlias' ||
      node.type === 'InterfaceDeclaration'
    ) {
      types[node.id.name] = node;
    }
  });
  return types;
}, {});
}

```

```

// $FlowFixMe there's no flowtype for ASTs
export type ASTNode = Object;

```

```

const invariant = require('invariant');

```

```

type TypeAliasResolutionStatus =
  | $ReadOnly<{
    successful: true,
    aliasName: string,
  }>
  | $ReadOnly<{
    successful: false,
  }>;

```

```

function resolveTypeAnnotation(
  // TODO(T71778680): This is an Flow TypeAnnotation. Flow-type this
  typeAnnotation: $FlowFixMe,
  types: TypeDeclarationMap,
): {
  nullable: boolean,
  typeAnnotation: $FlowFixMe,
  typeAliasResolutionStatus: TypeAliasResolutionStatus,
} {
  invariant(
    typeAnnotation != null,
    'resolveTypeAnnotation(): typeAnnotation cannot be null',
  );
}

```

```

let node = typeAnnotation;
let nullable = false;
let typeAliasResolutionStatus: TypeAliasResolutionStatus = {
  successful: false,
};

for (;) {
  if (node.type === 'NullableTypeAnnotation') {
    nullable = true;
    node = node.typeAnnotation;
  } else if (node.type === 'GenericTypeAnnotation') {
    typeAliasResolutionStatus = {
      successful: true,
      aliasName: node.id.name,
    };
    const resolvedTypeAnnotation = types[node.id.name];
    if (resolvedTypeAnnotation == null) {
      break;
    }

    invariant(
      resolvedTypeAnnotation.type === 'TypeAlias',
      `GenericTypeAnnotation '${node.id.name}' must resolve to a TypeAlias. Instead, it resolved to a
      '${resolvedTypeAnnotation.type}'`,
    );

    node = resolvedTypeAnnotation.right;
  } else {
    break;
  }
}

return {
  nullable: nullable,
  typeAnnotation: node,
  typeAliasResolutionStatus,
};
}

function getValueFromTypes(value: ASTNode, types: TypeDeclarationMap): ASTNode {
  if (value.type === 'GenericTypeAnnotation' && types[value.id.name]) {
    return getValueFromTypes(types[value.id.name].right, types);
  }
  return value;
}

export type ParserErrorCapturer = <T>(fn: () => T) => ?T;

```

```

function createParserErrorCapturer(): [
  Array<ParserError>,
  ParserErrorCapturer,
] {
  const errors = [];
  function guard<T>(fn: () => T): ?T {
    try {
      return fn();
    } catch (error) {
      if (!(error instanceof ParserError)) {
        throw error;
      }
      errors.push(error);

      return null;
    }
  }

  return [errors, guard];
}

// TODO(T71778680): Flow-type ASTNodes.
function visit(
  astNode: $FlowFixMe,
  visitor: {
    [type: string]: (node: $FlowFixMe) => void,
  },
) {
  const queue = [astNode];
  while (queue.length !== 0) {
    let item = queue.shift();

    if (!(typeof item === 'object' && item !== null)) {
      continue;
    }

    if (
      typeof item.type === 'string' &&
      typeof visitor[item.type] === 'function'
    ) {
      // Don't visit any children
      visitor[item.type](item);
    } else if (Array.isArray(item)) {
      queue.push(...item);
    } else {
      queue.push(...Object.values(item));
    }
  }
}

```

```

}

// TODO(T71778680): Flow-type ASTNodes.
function isModuleRegistryCall(node: $FlowFixMe): boolean {
  if (node.type !== 'CallExpression') {
    return false;
  }

  const callExpression = node;

  if (callExpression.callee.type !== 'MemberExpression') {
    return false;
  }

  const memberExpression = callExpression.callee;
  if (
    !(
      memberExpression.object.type === 'Identifier' &&
      memberExpression.object.name === 'TurboModuleRegistry'
    )
  ) {
    return false;
  }

  if (
    !(
      memberExpression.property.type === 'Identifier' &&
      (memberExpression.property.name === 'get' ||
        memberExpression.property.name === 'getEnforcing')
    )
  ) {
    return false;
  }
  return true;
}

module.exports = {
  getValueFromTypes,
  resolveTypeAnnotation,
  createParserErrorCapturer,
  getTypes,
  visit,
  isModuleRegistryCall,
};

```

Found in path(s):

```

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/parsers/flow/utils.js.flow

```

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 *
 * @flow strict-local
 * @format
 */
```

```
'use strict';
```

```
import type {
  EventTypeShape,
  NamedShape,
  EventTypeAnnotation,
} from '../././CodegenSchema.js';
```

```
function getPropertyType(
  name,
  optional,
  typeAnnotation,
): NamedShape<EventTypeAnnotation> {
  const type =
    typeAnnotation.type === 'GenericTypeAnnotation'
      ? typeAnnotation.id.name
      : typeAnnotation.type;
```

```
switch (type) {
  case 'BooleanTypeAnnotation':
    return {
      name,
      optional,
      typeAnnotation: {
        type: 'BooleanTypeAnnotation',
      },
    };
  case 'StringTypeAnnotation':
    return {
      name,
      optional,
      typeAnnotation: {
        type: 'StringTypeAnnotation',
      },
    };
  case 'Int32':
```

```

return {
    name,
    optional,
    typeAnnotation: {
        type: 'Int32TypeAnnotation',
    },
};
case 'Double':
return {
    name,
    optional,
    typeAnnotation: {
        type: 'DoubleTypeAnnotation',
    },
};
case 'Float':
return {
    name,
    optional,
    typeAnnotation: {
        type: 'FloatTypeAnnotation',
    },
};
case '$ReadOnly':
return getPropertyType(
    name,
    optional,
    typeAnnotation.typeParameters.params[0],
);
case 'ObjectTypeAnnotation':
return {
    name,
    optional,
    typeAnnotation: {
        type: 'ObjectTypeAnnotation',
        properties: typeAnnotation.properties.map(buildPropertiesForEvent),
    },
};
case 'UnionTypeAnnotation':
return {
    name,
    optional,
    typeAnnotation: {
        type: 'StringEnumTypeAnnotation',
        options: typeAnnotation.types.map(option => option.value),
    },
};
default:

```

```

    (type: empty);
    throw new Error(`Unable to determine event type for "${name}": ${type}`);
  }
}

function findEventArgumentsAndType(
  typeAnnotation,
  types,
  bubblingType,
  paperName,
) {
  if (!typeAnnotation.id) {
    throw new Error("typeAnnotation of event doesn't have a name");
  }
  const name = typeAnnotation.id.name;
  if (name === '$ReadOnly') {
    return {
      argumentProps: typeAnnotation.typeParameters.params[0].properties,
      paperTopLevelNameDeprecated: paperName,
      bubblingType,
    };
  } else if (name === 'BubblingEventHandler' || name === 'DirectEventHandler') {
    const eventType = name === 'BubblingEventHandler' ? 'bubble' : 'direct';
    const paperTopLevelNameDeprecated =
      typeAnnotation.typeParameters.params.length > 1
        ? typeAnnotation.typeParameters.params[1].value
        : null;
    if (
      typeAnnotation.typeParameters.params[0].type ===
      'NullLiteralTypeAnnotation'
    ) {
      return {
        argumentProps: [],
        bubblingType: eventType,
        paperTopLevelNameDeprecated,
      };
    }
  }
  return findEventArgumentsAndType(
    typeAnnotation.typeParameters.params[0],
    types,
    eventType,
    paperTopLevelNameDeprecated,
  );
} else if (types[name]) {
  return findEventArgumentsAndType(
    types[name].right,
    types,
    bubblingType,
  );
}

```



```

    paperName,
  );
} else {
  return {
    argumentProps: null,
    bubblingType: null,
    paperTopLevelNameDeprecated: null,
  };
}
}

function buildPropertiesForEvent(property): NamedShape<EventTypeAnnotation> {
  const name = property.key.name;
  const optional =
    property.value.type === 'NullableTypeAnnotation' || property.optional;
  let typeAnnotation =
    property.value.type === 'NullableTypeAnnotation'
      ? property.value.typeAnnotation
      : property.value;

  return getPropertyType(name, optional, typeAnnotation);
}

function getEventArgument(argumentProps, name) {
  return {
    type: 'ObjectTypeAnnotation',
    properties: argumentProps.map(buildPropertiesForEvent),
  };
}

function buildEventSchema(
  types: TypeMap,
  property: EventTypeAST,
): ?EventTypeShape {
  const name = property.key.name;
  const optional =
    property.optional || property.value.type === 'NullableTypeAnnotation';

  let typeAnnotation =
    property.value.type === 'NullableTypeAnnotation'
      ? property.value.typeAnnotation
      : property.value;

  if (
    typeAnnotation.type !== 'GenericTypeAnnotation' ||
    (typeAnnotation.id.name !== 'BubblingEventHandler' &&
     typeAnnotation.id.name !== 'DirectEventHandler')
  ) {

```

```

    return null;
  }

  const {
    argumentProps,
    bubblingType,
    paperTopLevelNameDeprecated,
  } = findEventArgumentsAndType(typeAnnotation, types);

  if (bubblingType && argumentProps) {
    if (paperTopLevelNameDeprecated != null) {
      return {
        name,
        optional,
        bubblingType,
        paperTopLevelNameDeprecated,
        typeAnnotation: {
          type: 'EventTypeAnnotation',
          argument: getEventArgument(argumentProps, name),
        },
      };
    }

    return {
      name,
      optional,
      bubblingType,
      typeAnnotation: {
        type: 'EventTypeAnnotation',
        argument: getEventArgument(argumentProps, name),
      },
    };
  }

  if (argumentProps === null) {
    throw new Error(`Unable to determine event arguments for "${name}"`);
  }

  if (bubblingType === null) {
    throw new Error(`Unable to determine event arguments for "${name}"`);
  }

  // $FlowFixMe there's no flowtype for ASTs
  type EventTypeAST = Object;

  type TypeMap = {
    // $FlowFixMe there's no flowtype for ASTs

```

```

[string]: Object,
...,
};

function getEvents(
  eventTypeAST: $ReadOnlyArray<EventTypeAST>,
  types: TypeMap,
): $ReadOnlyArray<EventTypeShape> {
  return eventTypeAST
    .filter(property => property.type === 'ObjectTypeProperty')
    .map(property => buildEventSchema(types, property))
    .filter(Boolean);
}

module.exports = {
  getEvents,
};

```

Found in path(s):

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/parsers/flow/components/events.js.flow
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 *
 * @flow strict
 * @format
 */

```

'use strict';

```

function capitalize(string: string): string {
  return string.charAt(0).toUpperCase() + string.slice(1);
}

module.exports = {
  capitalize,
};

```

Found in path(s):

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/Utils.js.flow
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 *
 * @emails oncall+react_native
 * @flow strict-local
 * @format
 */

'use strict';

const parseFiles = require('./parser.js');

const [...fileList] = process.argv.slice(2);

parseFiles(fileList);

Found in path(s):
* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/cli/parser/parser-
cli.js.flow
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 *
 * @flow strict
 * @format
 */

'use strict';

import type {
  ReservedPropTypeAnnotation,
  NamedShape,
  ObjectTypeAnnotation,
  BooleanTypeAnnotation,
  StringTypeAnnotation,
  DoubleTypeAnnotation,
  FloatTypeAnnotation,
  Int32TypeAnnotation,
  PropTypeAnnotation,
} from '../././CodegenSchema';
```

```

const {capitalize} = require('../Utils');

export type Pojo = {
  name: string,
  namespace: string,
  properties: $ReadOnlyArray<PojoProperty>,
  isRoot: boolean,
};

export type PojoProperty = NamedShape<PojoTypeAnnotation>;

export type PojoTypeAliasAnnotation = {
  type: 'PojoTypeAliasTypeAnnotation',
  name: string,
};

export type PojoTypeAnnotation =
  | $ReadOnly<{
    type: 'BooleanTypeAnnotation',
    default: boolean | null,
  }>
  | $ReadOnly<{
    type: 'StringTypeAnnotation',
    default: string | null,
  }>
  | $ReadOnly<{
    type: 'DoubleTypeAnnotation',
    default: number,
  }>
  | $ReadOnly<{
    type: 'FloatTypeAnnotation',
    default: number | null,
  }>
  | $ReadOnly<{
    type: 'Int32TypeAnnotation',
    default: number,
  }>
  | $ReadOnly<{
    type: 'StringEnumTypeAnnotation',
    default: string,
    options: $ReadOnlyArray<string>,
  }>
  | $ReadOnly<{
    type: 'Int32EnumTypeAnnotation',
    default: number,
    options: $ReadOnlyArray<number>,
  }>
  | ReservedPropTypeAnnotation

```

```

| PojoTypeAliasAnnotation
| $ReadOnly<{
  type: 'ArrayTypeAnnotation',
  elementType:
    | BooleanTypeAnnotation
    | StringTypeAnnotation
    | DoubleTypeAnnotation
    | FloatTypeAnnotation
    | Int32TypeAnnotation
    | $ReadOnly<{
      type: 'StringEnumTypeAnnotation',
      default: string,
      options: $ReadOnlyArray<string>,
    }>
    | PojoTypeAliasAnnotation
    | ReservedPropTypeAnnotation
  | $ReadOnly<{
    type: 'ArrayTypeAnnotation',
    elementType: PojoTypeAliasAnnotation,
  }>,
}>;

```

```

class PojoCollector {
  _pojos: Map<string, Pojo> = new Map();
  _process(
    namespace: string,
    pojoName: string,
    typeAnnotation: PropTypeAnnotation,
  ): PojoTypeAnnotation {
    switch (typeAnnotation.type) {
      case 'ObjectTypeAnnotation': {
        this._insertPojo(namespace, pojoName, typeAnnotation, false);
        return {
          type: 'PojoTypeAliasTypeAnnotation',
          name: pojoName,
        };
      }
      case 'ArrayTypeAnnotation': {
        const arrayTypeAnnotation = typeAnnotation;
        // TODO: Flow assumes elementType can be any. Fix this.
        const elementType: $PropertyType<
          typeof arrayTypeAnnotation,
          'elementType',
        > = arrayTypeAnnotation.elementType;

        const pojoElementType = () => {
          switch (elementType.type) {
            case 'ObjectTypeAnnotation': {

```

```

    this._insertPojo(
      namespace,
      `${pojoName}Element`,
      elementType,
      false,
    );
    return {
      type: 'PojoTypeAliasTypeAnnotation',
      name: `${pojoName}Element`,
    };
  }
  case 'ArrayTypeAnnotation': {
    const {elementType: objectTypeAnnotation} = elementType;
    this._insertPojo(
      namespace,
      `${pojoName}ElementElement`,
      objectTypeAnnotation,
      false,
    );
    return {
      type: 'ArrayTypeAnnotation',
      elementType: {
        type: 'PojoTypeAliasTypeAnnotation',
        name: `${pojoName}ElementElement`,
      },
    };
  }
  default: {
    return elementType;
  }
}
})();

return {
  type: 'ArrayTypeAnnotation',
  elementType: pojoElementType,
};
}
default:
  return typeAnnotation;
}
}

_insertPojo(
  namespace: string,
  pojoName: string,
  objectTypeAnnotation: ObjectTypeAnnotation<PropTypeAnnotation>,
  isRoot: boolean,

```

```

) {
  const properties = objectTypeAnnotation.properties.map(property => {
    const propertyPojoName = pojoName + capitalize(property.name);

    return {
      ...property,
      typeAnnotation: this._process(
        namespace,
        propertyPojoName,
        property.typeAnnotation,
      ),
    };
  });

  this._pojos.set(pojoName, {
    name: pojoName,
    isRoot,
    namespace,
    properties,
  });
}

processPojo(
  namespace: string,
  pojoName: string,
  objectTypeAnnotation: ObjectTypeAnnotation<PropTypeAnnotation>,
) {
  this._insertPojo(namespace, pojoName, objectTypeAnnotation, true);
}

getAllPojos(): $ReadOnlyArray<Pojo> {
  return [...this._pojos.values()];
}
}

```

```
module.exports = PojoCollector;
```

Found in path(s):

```

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-
tgz/package/lib/generators/components/GeneratePropsJavaPojo/PojoCollector.js.flow

```

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```

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```
*
```

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```

```
* LICENSE file in the root directory of this source tree.
```

```
*
```



```

* @flow strict
* @format
*/

'use strict';

import type {
  SchemaType,
  NativeModuleAliasMap,
  NativeModuleObjectTypeAnnotation,
  NativeModuleSchema,
} from '../CodegenSchema';

const invariant = require('invariant');

export type AliasResolver = (
  aliasName: string,
) => NativeModuleObjectTypeAnnotation;

function createAliasResolver(aliasMap: NativeModuleAliasMap): AliasResolver {
  return (aliasName: string) => {
    const alias = aliasMap[aliasName];
    invariant(alias != null, `Unable to resolve type alias '${aliasName}'.`);
    return alias;
  };
}

function getModules(
  schema: SchemaType,
): $ReadOnly<{[hasteModuleName: string]: NativeModuleSchema}> {
  return Object.keys(schema.modules).reduce<{[string]: NativeModuleSchema}>(
    (modules, hasteModuleName: string) => {
      const module = schema.modules[hasteModuleName];
      if (module == null || module.type === 'Component') {
        return modules;
      }
      modules[hasteModuleName] = module;
      return modules;
    },
    {},
  );
}

module.exports = {
  createAliasResolver,
  getModules,
};

```

Found in path(s):

* /opt/cola/permits/1235011072_1638334387.89/0/react-native-codegen-0-0-7-tgz/package/lib/generators/modules/Utils.js.flow

1.757 path-key 2.0.1

1.757.1 Available under license :

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1.758 object-copy 0.1.0

1.758.1 Available under license :

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1.759 type-fest 0.3.1

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1.760 @babel/plugin-proposal-unicode-property-regex 7.16.7

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1.761 sort-keys 2.0.0

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1.762 react-native-reanimated 2.3.1

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1.763 core-js-compat 3.21.1

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1.764 xmlbuilder 9.0.7

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1.765 to-object-path 0.3.0

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1.766 fs-extra 8.1.0

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1.767 locate-path 6.0.0

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1.768 expo-web-browser 10.0.3

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* /opt/cola/permits/1226618470_1636579967.35/0/expo-web-browser-10-0-3-tgz/package/ios/EXWebBrowser/EXWebBrowser.m

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* /opt/cola/permits/1226618470_1636579967.35/0/expo-web-browser-10-0-3-tgz/package/ios/EXWebBrowser/EXWebBrowser.h

1.769 expo-font 10.0.5

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* /opt/cola/permits/1287718620_1647270922.98/0/expo-font-10-0-5-tgz/package/ios/EXFont/EXFont.h

* /opt/cola/permits/1287718620_1647270922.98/0/expo-font-10-0-5-tgz/package/ios/EXFont/EXFontLoader.h

* /opt/cola/permits/1287718620_1647270922.98/0/expo-font-10-0-5-tgz/package/ios/EXFont/EXFont.m

* /opt/cola/permits/1287718620_1647270922.98/0/expo-font-10-0-5-tgz/package/ios/EXFont/EXFontLoader.m

* /opt/cola/permits/1287718620_1647270922.98/0/expo-font-10-0-5-

tgz/package/android/src/main/java/expo/modules/font/FontLoaderModule.kt

* /opt/cola/permits/1287718620_1647270922.98/0/expo-font-10-0-5-

tgz/package/ios/EXFont/EXFontLoaderProcessor.m

* /opt/cola/permits/1287718620_1647270922.98/0/expo-font-10-0-5-

tgz/package/ios/EXFont/EXFontLoaderProcessor.h

* /opt/cola/permits/1287718620_1647270922.98/0/expo-font-10-0-5-tgz/package/ios/EXFont/EXFontManager.h

* /opt/cola/permits/1287718620_1647270922.98/0/expo-font-10-0-5-tgz/package/ios/EXFont/EXFontScaler.h

* /opt/cola/permits/1287718620_1647270922.98/0/expo-font-10-0-5-tgz/package/ios/EXFont/EXFontManager.m

* /opt/cola/permits/1287718620_1647270922.98/0/expo-font-10-0-5-tgz/package/ios/EXFont/EXFontScaler.m

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* /opt/cola/permits/1287718620_1647270922.98/0/expo-font-10-0-5-tgz/package/ios/EXFont/Singletons/EXFontScalersManager.h

* /opt/cola/permits/1287718620_1647270922.98/0/expo-font-10-0-5-tgz/package/ios/EXFont/Singletons/EXFontScalersManager.m

1.770 d3-interpolate 1.4.0

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1.771 is-descriptor 1.0.2

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1.772 is-ci 2.0.0

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1.773 @babel/plugin-transform-block-scoped-functions 7.16.7

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1.774 fs-extra 9.1.0

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1.775 @babel/code-frame 7.16.7

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1.776 statuses 1.5.0

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1.777 @babel/types 7.17.0

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1.778 slash 2.0.0

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1.779 electron-to-chromium 1.4.76

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1.780 styled-components 5.3.3

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1.781 ws 1.1.5

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1.782 metro-cache-key 0.66.2

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 *
 * @flow
 * @format
 */
```

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* @flow

* @format

*/

'use strict';

const crypto = require('crypto');

const fs = require('fs');

```
function getCacheKey(files: Array<string>): string {
  return files
    .reduce(
      (hash, file) => hash.update('\0', 'utf8').update(fs.readFileSync(file)),
      crypto.createHash('md5'),
    )
    .digest('hex');
}
```

module.exports = getCacheKey;

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 *
 * @flow
 * @format
 * @emails oncall+metro_bundler
 */
```

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* /opt/cola/permits/1235010827_1638334353.79/0/metro-cache-key-0-66-2-tgz/package/src.real/__tests__/index-test.js
```

1.783 native-base-shoutem-theme 0.3.1

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1.784 connect 3.7.0

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File: src/main/java/org/apache/commons/ssl/ASN1Util.java

Changes: Removing Bouncy Castle classes and linking to the JAR instead.

File: src/main/java/org/apache/commons/ssl/KeyStoreBuilder.java

Changes: Modifying the order in which keystore types are tested to more gracefully comply with the changes in JEP 229 present in Java 9+.
Replacing direct System.out calls with Logger calls.
Removing Bouncy Castle classes and linking to the JAR instead.

File: src/main/java/org/apache/commons/ssl/PKCS8Key.java

Changes: Removing Bouncy Castle classes and linking to the JAR instead.

File: src/main/java/org/apache/commons/ssl/TrustMaterial.java

Changes: Replacing direct printStackTrace calls with Logger calls.

Files: src/main/java/org/apache/commons/ssl/org/bouncycastle/*

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com/lowagie/text/pdf/LZWDecoder.java (first appearance in iText: 2002-02-08)

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com/lowagie/text/pdf/codec/PngImage.java (first appearance in iText: 2003-04-25)

com/lowagie/text/pdf/codec/TIFFDirectory.java (first appearance in iText: 2003-04-09)

com/lowagie/text/pdf/codec/TIFFFaxDecoder.java (first appearance in iText: 2003-04-09)

com/lowagie/text/pdf/codec/TIFFField.java (first appearance in iText: 2003-04-09)

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FYI: Brian also added: "A bit of history might be in order.

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added in javax.imageio.... This framework supports these formats:

Java 1.4: GIF (read only), JPEG, PNG

Java 1.5: Added support for BMP and WBMP

Java 1.6: Added support for writing GIF

The JAI Image I/O Tools packages (jai-imageio-core) were created to support formats handled by JAI but not included in Java SE as well as some new things like JPEG2000."

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NEVER

Runtime

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win32/x86;linux/ppc64;linux/x86;mac/x86;mac/x64;mac/ppc;linux/x64;win32/x64;linux/ppc
b8w6vxsrc9hgb4m4e5gx5521clxzuz8j54xsgcu2g8kyo6065cf4dkw5359w4c6lrteyanrbqqkm5ca6
9971oq2l bv82ldi6fztbiic406o2qj572h6aq6cpivv93myjor98bgeory3fu8hyv0x2azdxjy1ybosk

Version: 3.x

Product: JNIWrapper

Product: JxBrowser

Version: 2.x

Licensed to:

License type: Runtime

License info: Not for development

Expiration date: NEVER

Generation date: 26-08-2010

Platforms: win32/x86;linux/x86;mac/x86;mac/x64;mac/ppc;linux/x64;win32/x64

Company: ewiware software ab

SigB: 10adh72idjhnahax9wro9p4dmcrw48ryuib185hji9o4dv00tramvzxtvwyh722an4kqqbllo3ficy77

SigA: y5xzgq75bd5uqagrq0zygnzbf8758jhnd5e1ekppaar2m2879mmlk1nzzaoste7j8bifqkahlzmsdv

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Runtime

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win32/x86;win32/x64

qsnu8p4scx5jkpve90det7j8koqdlta080yqf2ve2wvev2ycpij05o79htz53h2rlb78hp8qyhfv0lx3

5ugn50g047tv0c855yl5xhv75d41wgvki2h74tmjro33dqiv1buw8k7097bpd3jnwnaqea9mb8vhnokk

Version: 2.x

Product: JExplorer

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Runtime

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win32/x86;win32/x64

cjvzsd9upa7gakblwm3gfwxm0yi33qrxquape7sijv2vag6ps7nvcf60calz8s0rz316x0ujrbouudyi

rvmnudkr7bfraif2niqt05mj52b3mz1y68rps3l3ex7zk9uvwnq0tsyd588l02n0ycv3qaoxvikns8mk

Version: 2.x

Product: ComfyJ

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1.786 @jest/create-cache-key-function 27.5.1

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1.787 esprima 4.0.1

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1.788 require-from-string 2.0.2

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1.789 make-dir 2.1.0

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1.790 array-unique 0.3.2

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1.791 object-keys 1.1.1

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1.792 normalize-css-color 1.0.2

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1.793 react-native-appearance 0.3.4

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1.794 comondir 1.0.1

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1.795 chalk 1.1.1

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1.796 @babel/plugin-syntax-private-property-in-object 7.14.5

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1.797 whatwg-fetch 3.6.2

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1.798 stream-buffers 2.2.0

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1.799 npm-force-resolutions 0.0.10

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1.800 anymatch 2.0.0

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1.801 temp-dir 1.0.0

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1.802 @babel/traverse 7.17.3

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1.803 @jridgewell/resolve-uri 3.0.5

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1.804 call-bind 1.0.2

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1.805 ora 3.4.0

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1.806 @babel/plugin-syntax-jsx 7.16.7

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1.807 has-values 0.1.4

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1.808 @babel/plugin-transform-spread 7.16.7

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1.809 setimmediate 1.0.5

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1.810 @babel/plugin-transform-react-jsx-source 7.16.7

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1.811 @babel/plugin-transform-react-display-name 7.16.7

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1.812 babel-plugin-transform-runtime 7.17.0

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1.813 async 2.6.3

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1.816 @babel/plugin-transform-function-name 7.16.7

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1.817 mime 2.6.0

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1.818 react-native-svg 12.1.1

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1.819 yocto-queue 0.1.0

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1.820 opencollective-postinstall 2.0.3

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1.821 safe-regex 1.1.0

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1.822 unicode-match-property-value-ecmascript 2.0.0

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1.823 strip-ansi 3.0.1

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1.824 collection-visit 1.0.0

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1.825 jszip 3.7.1

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1.826 object-inspect 1.12.0

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1.827 babel-helper-compilation-targets 7.16.7

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1.828 split-string 3.1.0

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1.829 regenerate-unicode-properties 10.0.1

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1.830 react-native-drawer 2.5.1

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1.832 lodash.debounce 4.0.8

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1.833 @types/scheduler 0.16.2

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1.834 babel-core 7.0.0-bridge.0

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1.835 ms 2.0.0

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1.836 cross-spawn 6.0.5

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1.837 @babel/helper-hoist-variables 7.16.7

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1.838 @babel/plugin-proposal-json-strings 7.16.7

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1.839 debug 2.6.9

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1.840 semver 6.3.0

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1.841 uuid 3.3.2

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1.842 regex-not 1.0.2

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1.843 braces 2.3.2

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1.844 @babel/plugin-proposal-class-properties 7.16.7

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1.845 json-schema 0.4.0

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1.846 nocache 2.1.0

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1.847 xcode 3.0.1

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1.848 babel-plugin-module-resolver 4.1.0

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1.849 domelementtype 2.2.0

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1.850 @react-navigation/routers 5.7.4

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1.851 @babel/plugin-transform-destructuring

7.17.3

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1.852 safe-buffer 5.1.2

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1.853 resolve 1.22.0

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1.854 mz 2.7.0

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1.855 @babel/code-frame 7.10.4

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1.856 jsencrypt 3.0.0-rc.1

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1.857 @react-native-community/cli-debugger-ui 6.0.0

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1.858 expo-local-authentication 12.0.1

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Found in path(s):

* /opt/cola/permits/1226618573_1636579989.02/0/expo-local-authentication-12-0-1-tgz/package/ios/EXLocalAuthentication/EXLocalAuthentication.m

* /opt/cola/permits/1226618573_1636579989.02/0/expo-local-authentication-12-0-1-tgz/package/ios/EXLocalAuthentication/EXLocalAuthentication.h

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* /opt/cola/permits/1226618573_1636579989.02/0/expo-local-authentication-12-0-1-tgz/package/android/src/main/java/expo/modules/localauthentication/LocalAuthenticationModule.kt

1.859 ms 2.1.2

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1.861 type-fest 0.7.1

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1.862 bser 2.1.1

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* /opt/cola/permits/1162004852_1620775200.5/0/bser-2-1-1-2-tgz/package/index.js

1.863 @babel/plugin-bugfix-safari-id-destructuring-collision-in-function-

expression 7.16.7

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1.864 absolute-path 0.0.0

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1.865 has-flag 4.0.0

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1.866 merge2 1.4.1

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1.867 types-yargs 16.0.4

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1.868 open 6.4.0

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1.869 ci-info 2.0.0

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1.870 @expo/prebuild-config 3.0.18

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1.871 xmldoc 1.1.2

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1.872 fbemitter 2.1.1

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1.873 once 1.4.0

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1.874 i18njs 3.3.0

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1.875 @babel/plugin-transform-async-to-generator 7.16.8

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1.876 sisteransi 1.0.5

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1.877 nanomatch 1.2.13

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1.878 commander 5.1.0

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1.879 @babel/plugin-syntax-export-default- from 7.16.7

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1.880 normalize-path 3.0.0

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1.881 bplist-parser 0.3.0

1.881.1 Available under license :

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```
# bplist-parser
```

Binary Mac OS X Plist (property list) parser.

```
## Installation
```

```
```bash
$ npm install bplist-parser
```
```

```
## Quick Examples
```

```
```javascript
const bplist = require('bplist-parser');

(async () => {

 const obj = await bplist.parseFile('myPlist.bplist');

 console.log(JSON.stringify(obj));

})();
```
```

```
## License
```

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Found in path(s):

* /opt/cola/permits/1226617771_1636580537.54/0/bplist-parser-0-3-0-tgz/package/README.md

1.882 vlq 1.0.1

1.882.1 Available under license :

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1.883 metro-source-map 0.59.0

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*

* strict-local

* @format

*/

Found in path(s):

* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-tgz/package/src/Consumer/search.js

* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-

tgz/package/src/Consumer/types.flow.js

```
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-
tgz/package/src/Consumer/DelegatingConsumer.js
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-
tgz/package/src/Consumer/SectionsConsumer.js
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-tgz/package/src/Consumer/index.js
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-
tgz/package/src/Consumer/constants.js
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-
tgz/package/src/Consumer/normalizeSourcePath.js
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-
tgz/package/src/Consumer/positionMath.js
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-
tgz/package/src/Consumer/AbstractConsumer.js
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-
tgz/package/src/Consumer/createConsumer.js
```

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```
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```

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```

```
*
```

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```

```
*
```

```
* @flow strict-local
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
const AbstractConsumer = require('./AbstractConsumer');
```

```
const createConsumer = require('./createConsumer');
```

```
const {FIRST_COLUMN, FIRST_LINE, EMPTY_POSITION} = require('./constants');
```

```
const {subtractOffsetFromPosition} = require('./positionMath');
```

```
const {greatestLowerBound} = require('./search');
```

```
const {add, get0, get1, add0, sub1, sub} = require('ob1');
```

```
import type {IndexMap} from '../source-map';
```

```
import type {
```

```
  GeneratedOffset,
```

```
  SourcePosition,
```

```
  GeneratedPositionLookup,
```

```
  Mapping,
```

```
  IConsumer,
```

```
} from './types.flow';
```

```
/**
```

```

* A source map consumer that supports "indexed" source maps (that have a
* `sections` field and no top-level mappings).
*/
class SectionsConsumer extends AbstractConsumer implements IConsumer {
  _consumers: $ReadOnlyArray<[GeneratedOffset, IConsumer]>;

  constructor(sourceMap: IndexMap) {
    super(sourceMap);
    this._consumers = sourceMap.sections.map((section, index) => {
      const generatedOffset = {
        lines: add0(section.offset.line),
        columns: add0(section.offset.column),
      };
      const consumer = createConsumer(section.map);
      return [generatedOffset, consumer];
    });
  }

  originalPositionFor(
    generatedPosition: GeneratedPositionLookup,
  ): SourcePosition {
    const [generatedOffset, consumer] =
      this._consumerForPosition(generatedPosition) || [];
    if (!consumer) {
      return EMPTY_POSITION;
    }
    return consumer.originalPositionFor(
      subtractOffsetFromPosition(generatedPosition, generatedOffset),
    );
  }

  *generatedMappings(): Iterable<Mapping> {
    for (const [generatedOffset, consumer] of this._consumers) {
      let first = true;
      for (const mapping of consumer.generatedMappings()) {
        if (
          first &&
          (get1(mapping.generatedLine) > 1 || get0(mapping.generatedColumn) > 0)
        ) {
          yield {
            generatedLine: FIRST_LINE,
            generatedColumn: FIRST_COLUMN,
            source: null,
            name: null,
            originalLine: null,
            originalColumn: null,
          };
        }
      }
    }
  }
}

```

```

    first = false;
    yield {
      ...mapping,
      generatedLine: add(mapping.generatedLine, generatedOffset.lines),
      generatedColumn: add(
        mapping.generatedColumn,
        generatedOffset.columns,
      ),
    };
  }
}

```

```

_consumerForPosition(
  generatedPosition: GeneratedPositionLookup,
): ?[GeneratedOffset, IConsumer] {
  const {line, column} = generatedPosition;
  if (line == null || column == null) {
    return null;
  }
  const index = greatestLowerBound(
    this._consumers,
    generatedPosition,
    (position, [offset]) => {
      const line0 = sub1(line);
      const column0 = column;
      if (line0 === offset.lines) {
        return get0(sub(column0, offset.columns));
      }
      return get0(sub(line0, offset.lines));
    },
  );
  return index != null ? this._consumers[index] : null;
}

```

```
module.exports = SectionsConsumer;
```

Found in path(s):

```
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-
tgz/package/src/Consumer/SectionsConsumer.js.flow
```

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```

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```

*
* @flow strict-local
* @format
*/

'use strict';

const invariant = require('invariant');

const {GENERATED_ORDER, iterationOrderToString} = require('./constants');

import type {
  SourcePosition,
  GeneratedPositionLookup,
  Mapping,
  IConsumer,
  IterationOrder,
} from './types.flow';

// Implementation details shared between MappingsConsumer and SectionsConsumer
class AbstractConsumer implements IConsumer {
  _sourceMap: {+file?: string, ...};

  constructor(sourceMap: {+file?: string, ...}) {
    this._sourceMap = sourceMap;
  }

  originalPositionFor(
    generatedPosition: GeneratedPositionLookup,
  ): SourcePosition {
    invariant(false, 'Not implemented');
  }

  generatedMappings(): Iterable<Mapping> {
    invariant(false, 'Not implemented');
  }

  eachMapping(
    callback: (mapping: Mapping) => mixed,
    context?: mixed = null,
    order?: IterationOrder = GENERATED_ORDER,
  ) {
    invariant(
      order === GENERATED_ORDER,
      `Iteration order not implemented: ${iterationOrderToString(order)}`,
    );
    for (const mapping of this.generatedMappings()) {
      callback.call(context, mapping);
    }
  }
}

```

```
}  
}  
  
// flowlint unsafe-getters-setters:off  
get file(): ?string {  
  return this._sourceMap.file;  
}  
}  
  
module.exports = AbstractConsumer;
```

Found in path(s):

* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-tgz/package/src/Consumer/AbstractConsumer.js.flow

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 *  
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 * @format  
 */  
  
/**  
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 *  
 * Based on the Base 64 VLQ implementation in Closure Compiler:  
 * https://git.io/vymuA  
 *  
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*/

/* eslint-disable no-bitwise */

'use strict';

// A map of values to characters for the b64 encoding

const CHAR_MAP = [

0x41,

0x42,

0x43,

0x44,

0x45,

0x46,

0x47,

0x48,

0x49,

0x4a,

0x4b,

0x4c,

0x4d,

0x4e,

0x4f,

0x50,

0x51,

0x52,

0x53,

0x54,

0x55,

0x56,

0x57,

0x58,

0x59,

0x5a,

0x61,
0x62,
0x63,
0x64,
0x65,
0x66,
0x67,
0x68,
0x69,
0x6a,
0x6b,
0x6c,
0x6d,
0x6e,
0x6f,
0x70,
0x71,
0x72,
0x73,
0x74,
0x75,
0x76,
0x77,
0x78,
0x79,
0x7a,
0x30,
0x31,
0x32,
0x33,
0x34,
0x35,
0x36,
0x37,
0x38,
0x39,
0x2b,
0x2f,
];

```
// A single base 64 digit can contain 6 bits of data. For the base 64 variable
// length quantities we use in the source map spec, the first bit is the sign,
// the next four bits are the actual value, and the 6th bit is the
// continuation bit. The continuation bit tells us whether there are more
// digits in this value following this digit.
//
// Continuation
// | Sign
```



```

// | |
// V V
// 101011

const VLQ_BASE_SHIFT = 5;

// binary: 100000
const VLQ_BASE = 1 << VLQ_BASE_SHIFT;

// binary: 011111
const VLQ_BASE_MASK = VLQ_BASE - 1;

// binary: 100000
const VLQ_CONTINUATION_BIT = VLQ_BASE;

/**
 * Converts from a two-complement value to a value where the sign bit is
 * placed in the least significant bit. For example, as decimals:
 * 1 becomes 2 (10 binary), -1 becomes 3 (11 binary)
 * 2 becomes 4 (100 binary), -2 becomes 5 (101 binary)
 */
function toVLQSigned(value) {
  return value < 0 ? (-value << 1) + 1 : (value << 1) + 0;
}

/**
 * Encodes a number to base64 VLQ format and appends it to the passed-in buffer
 *
 * DON'T USE COMPOUND OPERATORS (eg `>>>=`) ON `let`-DECLARED VARIABLES!
 * V8 WILL DEOPTIMIZE THIS FUNCTION AND MAP CREATION WILL BE 25% SLOWER!
 *
 * DON'T ADD MORE COMMENTS TO THIS FUNCTION TO KEEP ITS LENGTH SHORT ENOUGH FOR
 * V8 OPTIMIZATION!
 */
function encode(value: number, buffer: Buffer, position: number): number {
  let vlq = toVLQSigned(value);
  let digit;
  do {
    digit = vlq & VLQ_BASE_MASK;
    vlq = vlq >>> VLQ_BASE_SHIFT;
    if (vlq > 0) {
      // There are still more digits in this value, so we must make sure the
      // continuation bit is marked.
      digit = digit | VLQ_CONTINUATION_BIT;
    }
    buffer[position++] = CHAR_MAP[digit];
  } while (vlq > 0);
}

```

```
return position;
}
```

```
module.exports = encode;
```

Found in path(s):

```
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-tgz/package/src/encode.js.flow
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```
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```

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```
*
```

```
* @flow
```

```
* @format
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-tgz/package/src/B64Builder.js.flow
```

```
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-tgz/package/src/source-map.js.flow
```

```
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-tgz/package/src/generateFunctionMap.js.flow
```

```
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-tgz/package/src/composeSourceMaps.js.flow
```

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```

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```
*
```

```
* @flow
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
const B64Builder = require('./B64Builder');
```

```
import type {
```

```
  BasicSourceMap,
```

```
  FBSourceMetadata,
```

```
  FBSourceFunctionMap,
```

```
} from './source-map';
```

```

/**
 * Generates a source map from raw mappings.
 *
 * Raw mappings are a set of 2, 4, or five elements:
 *
 * - line and column number in the generated source
 * - line and column number in the original source
 * - symbol name in the original source
 *
 * Mappings have to be passed in the order appearance in the generated source.
 */
class Generator {
  builder: B64Builder;
  last: {}
    generatedColumn: number,
    generatedLine: number,
    name: number,
    source: number,
    sourceColumn: number,
    sourceLine: number,
  };
  names: IndexedSet;
  source: number;
  sources: Array<string>;
  sourcesContent: Array<?string>;
  x_facebook_sources: Array<?FBSourceMetadata>;

  constructor() {
    this.builder = new B64Builder();
    this.last = {
      generatedColumn: 0,
      generatedLine: 1, // lines are passed in 1-indexed
      name: 0,
      source: 0,
      sourceColumn: 0,
      sourceLine: 1,
    };
    this.names = new IndexedSet();
    this.source = -1;
    this.sources = [];
    this.sourcesContent = [];
    this.x_facebook_sources = [];
  }

/**
 * Mark the beginning of a new source file.
 */
startFile(file: string, code: string, functionMap: ?FBSourceFunctionMap) {

```

```

this.source = this.sources.push(file) - 1;
this.sourcesContent.push(code);
this.x_facebook_sources.push(functionMap ? [functionMap] : null);
}

/**
 * Mark the end of the current source file
 */
endFile() {
  this.source = -1;
}

/**
 * Adds a mapping for generated code without a corresponding source location.
 */
addSimpleMapping(generatedLine: number, generatedColumn: number): void {
  const last = this.last;
  if (
    this.source === -1 ||
    (generatedLine === last.generatedLine &&
      generatedColumn < last.generatedColumn) ||
    generatedLine < last.generatedLine
  ) {
    const msg =
      this.source === -1
        ? 'Cannot add mapping before starting a file with `addFile()`'
        : 'Mapping is for a position preceding an earlier mapping';
    throw new Error(msg);
  }

  if (generatedLine > last.generatedLine) {
    this.builder.markLines(generatedLine - last.generatedLine);
    last.generatedLine = generatedLine;
    last.generatedColumn = 0;
  }

  this.builder.startSegment(generatedColumn - last.generatedColumn);
  last.generatedColumn = generatedColumn;
}

/**
 * Adds a mapping for generated code with a corresponding source location.
 */
addSourceMapping(
  generatedLine: number,
  generatedColumn: number,
  sourceLine: number,
  sourceColumn: number,

```

```

): void {
    this.addSimpleMapping(generatedLine, generatedColumn);

    const last = this.last;
    this.builder
        .append(this.source - last.source)
        .append(sourceLine - last.sourceLine)
        .append(sourceColumn - last.sourceColumn);

    last.source = this.source;
    last.sourceColumn = sourceColumn;
    last.sourceLine = sourceLine;
}

/**
 * Adds a mapping for code with a corresponding source location + symbol name.
 */
addNamedSourceMapping(
    generatedLine: number,
    generatedColumn: number,
    sourceLine: number,
    sourceColumn: number,
    name: string,
): void {
    this.addSourceMapping(
        generatedLine,
        generatedColumn,
        sourceLine,
        sourceColumn,
    );

    const last = this.last;
    const nameIndex = this.names.indexOf(name);
    this.builder.append(nameIndex - last.name);
    last.name = nameIndex;
}

/**
 * Return the source map as object.
 */
toMap(
    file?: string,
    options?: {excludeSource?: boolean, ...},
): BasicSourceMap {
    let content, sourcesMetadata;

    if (options && options.excludeSource) {
        content = {};
    }

```

```

    } else {
      content = {sourcesContent: this.sourcesContent.slice()};
    }

    if (this.hasSourcesMetadata()) {
      sourcesMetadata = {
        x_facebook_sources: JSON.parse(JSON.stringify(this.x_facebook_sources)),
      };
    } else {
      sourcesMetadata = {};
    }

    /* $FlowFixMe(>=0.111.0 site=react_native_fb) This comment suppresses an
     * error found when Flow v0.111 was deployed. To see the error, delete this
     * comment and run Flow. */
    return {
      version: 3,
      file,
      sources: this.sources.slice(),
      ...content,
      /* $FlowFixMe(>=0.111.0 site=react_native_fb) This comment suppresses an
       * error found when Flow v0.111 was deployed. To see the error, delete
       * this comment and run Flow. */
      ...sourcesMetadata,
      names: this.names.items(),
      mappings: this.builder.toString(),
    };
  }

  /**
   * Return the source map as string.
   *
   * This is ~2.5x faster than calling `JSON.stringify(generator.toMap())`
   */
  toString(file?: string, options?: {excludeSource?: boolean, ...}): string {
    let content, sourcesMetadata;

    if (options && options.excludeSource) {
      content = "";
    } else {
      content = `"sourcesContent":${JSON.stringify(this.sourcesContent)},`;
    }

    if (this.hasSourcesMetadata()) {
      sourcesMetadata = `"x_facebook_sources":${JSON.stringify(
        this.x_facebook_sources,
      )},`;
    } else {

```

```

sourcesMetadata = "";
}

return (
  '{' +
  ""version":3,' +
  (file ? `file:${JSON.stringify(file)},` : ") +
  `sources":${JSON.stringify(this.sources)},` +
  content +
  sourcesMetadata +
  `names":${JSON.stringify(this.names.items())},` +
  `mappings": "${this.builder.toString()}"` +
  '}'
);
}

/**
 * Determine whether we need to write the `x_facebook_sources` field.
 * If the metadata is all `null`s, we can omit the field entirely.
 */
hasSourcesMetadata(): boolean {
  return this.x_facebook_sources.some(
    metadata => metadata != null && metadata.some(value => value != null),
  );
}

}

class IndexedSet {
  map: Map<string, number>;
  nextIndex: number;

  constructor() {
    this.map = new Map();
    this.nextIndex = 0;
  }

  indexFor(x: string): number {
    let index = this.map.get(x);
    if (index == null) {
      index = this.nextIndex++;
      this.map.set(x, index);
    }
    return index;
  }

  items(): Array<string> {
    return Array.from(this.map.keys());
  }
}

```

```
}
```

```
module.exports = Generator;
```

Found in path(s):

```
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-tgz/package/src/Generator.js.flow
```

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```
*
```

```
* @flow strict-local
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
// flowlint-next-line untyped-import:off
```

```
const util = require('source-map/lib/util');
```

```
// Extracted from source-map@0.5.6's SourceMapConsumer
```

```
function normalizeSourcePath(  
  sourceInput: string,  
  map: {+sourceRoot?: ?string, ...},  
): string {  
  const {sourceRoot} = map;  
  let source = sourceInput;
```

```
  source = String(source);
```

```
  // Some source maps produce relative source paths like "./foo.js" instead of
```

```
  // "foo.js". Normalize these first so that future comparisons will succeed.
```

```
  // See bugzil.la/1090768.
```

```
  source = util.normalize(source);
```

```
  // Always ensure that absolute sources are internally stored relative to
```

```
  // the source root, if the source root is absolute. Not doing this would
```

```
  // be particularly problematic when the source root is a prefix of the
```

```
  // source (valid, but why??). See github issue #199 and bugzil.la/1188982.
```

```
  source =
```

```
    sourceRoot != null && util.isAbsolute(sourceRoot) && util.isAbsolute(source)
```

```
      ? util.relative(sourceRoot, source)
```

```
      : source;
```

```
  return source;
```

```
}
```



```
module.exports = normalizeSourcePath;
```

Found in path(s):

```
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-  
tgz/package/src/Consumer/normalizeSourcePath.js.flow
```

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```
*
```

```
* @flow strict-local
```

```
* @format
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-  
tgz/package/src/Consumer/positionMath.js.flow
```

```
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-  
tgz/package/src/Consumer/constants.js.flow
```

```
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-  
tgz/package/src/Consumer/createConsumer.js.flow
```

```
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-  
tgz/package/src/Consumer/types.flow.js.flow
```

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```
*
```

```
* @flow strict-local
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
const createConsumer = require('./createConsumer');
```

```
const {
```

```
  GENERATED_ORDER,
```

```
  ORIGINAL_ORDER,
```

```
  GREATEST_LOWER_BOUND,
```

```
  LEAST_UPPER_BOUND,
```

```
} = require('./constants');
```

```

import type {MixedSourceMap} from '../source-map';
import type {LookupBias} from './constants.js';
import type {
  SourcePosition,
  GeneratedPositionLookup,
  Mapping,
  IConsumer,
  IterationOrder,
} from './types.flow';

/**
 * A source map consumer that supports both "basic" and "indexed" source maps.
 * Uses `MappingsConsumer` and `SectionsConsumer` under the hood (via
 * `createConsumer`).
 */
class DelegatingConsumer implements IConsumer {
  static +GENERATED_ORDER: IterationOrder = GENERATED_ORDER;
  static +ORIGINAL_ORDER: IterationOrder = ORIGINAL_ORDER;
  static +GREATEST_LOWER_BOUND: LookupBias = GREATEST_LOWER_BOUND;
  static +LEAST_UPPER_BOUND: LookupBias = LEAST_UPPER_BOUND;

  _rootConsumer: IConsumer;

  constructor(sourceMap: MixedSourceMap): IConsumer {
    this._rootConsumer = createConsumer(sourceMap);
    return this._rootConsumer;
  }

  originalPositionFor(
    generatedPosition: GeneratedPositionLookup,
  ): SourcePosition {
    return this._rootConsumer.originalPositionFor(generatedPosition);
  }

  generatedMappings(): Iterable<Mapping> {
    return this._rootConsumer.generatedMappings();
  }

  eachMapping(
    callback: (mapping: Mapping) => mixed,
    context?: mixed,
    order?: IterationOrder,
  ): void {
    return this._rootConsumer.eachMapping(callback, context, order);
  }

  // flowlint unsafe-getters-setters:off
  get file(): ?string {

```

```
    return this._rootConsumer.file;
  }
}
```

```
module.exports = DelegatingConsumer;
```

Found in path(s):

```
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-
tgz/package/src/Consumer/DelegatingConsumer.js.flow
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```

```
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```

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```

```
*
```

```
* @flow
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
import type {IndexMap, IndexMapSection, MixedSourceMap} from './source-map';
```

```
const EMPTY_MAP = {
  version: 3,
  sources: [],
  names: [],
  mappings: 'A',
};
```

```
/**
```

```
* Builds a source-mapped bundle by concatenating strings and their
```

```
* corresponding source maps (if any).
```

```
*
```

```
* Usage:
```

```
*
```

```
* const builder = new BundleBuilder('bundle.js');
```

```
* builder
```

```
*   .append('foo\n', fooMap)
```

```
*   .append('bar\n')
```

```
*   // ...
```

```
* const code = builder.getCode();
```

```
* const map = builder.getMap();
```

```
*/
```

```
class BundleBuilder {
```

```
  _file: string;
```

```

_sections: Array<IndexMapSection>;
_line: number;
_column: number;
_code: string;
_afterMappedContent: boolean;

constructor(file: string) {
  this._file = file;
  this._sections = [];
  this._line = 0;
  this._column = 0;
  this._code = "";
  this._afterMappedContent = false;
}

_pushMapSection(map: MixedSourceMap) {
  this._sections.push({
    map,
    offset: { column: this._column, line: this._line },
  });
}

_endMappedContent() {
  if (this._afterMappedContent) {
    this._pushMapSection(EMPTY_MAP);
    this._afterMappedContent = false;
  }
}

append(code: string, map: ?MixedSourceMap): this {
  if (!code.length) {
    return this;
  }
  const {lineBreaks, lastLineColumns} = measureString(code);
  if (map) {
    this._pushMapSection(map);
    this._afterMappedContent = true;
  } else {
    this._endMappedContent();
  }
  this._afterMappedContent = !!map;
  this._line = this._line + lineBreaks;
  if (lineBreaks > 0) {
    this._column = lastLineColumns;
  } else {
    this._column = this._column + lastLineColumns;
  }
  this._code = this._code + code;
}

```

```

    return this;
  }

  getMap(): MixedSourceMap {
    this._endMappedContent();
    return createIndexMap(this._file, this._sections);
  }

  getCode(): string {
    return this._code;
  }
}

const reLineBreak = /\r\n|\r|\n/g;

function measureString(
  str: string,
): { |lineBreaks: number, lastLineColumns: number| } {
  let lineBreaks = 0;
  let match;
  let lastLineStart = 0;
  while ((match = reLineBreak.exec(str))) {
    ++lineBreaks;
    lastLineStart = match.index + match[0].length;
  }
  const lastLineColumns = str.length - lastLineStart;
  return { lineBreaks, lastLineColumns };
}

function createIndexMap(
  file: string,
  sections: Array<IndexMapSection>,
): IndexMap {
  return {
    version: 3,
    file,
    sections,
  };
}

module.exports = { BundleBuilder, createIndexMap };

```

Found in path(s):

* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-tgz/package/src/BundleBuilder.js.flow
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*
* @flow strict-local
* @format
*/

'use strict';

// Implements an API-compatible subset of source-map's `SourceMapConsumer`.
const DelegatingConsumer = require('./DelegatingConsumer');

module.exports = DelegatingConsumer;

Found in path(s):
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-
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* @flow
* @format
*/

'use strict';

const AbstractConsumer = require('./AbstractConsumer');

const invariant = require('invariant');
const normalizeSourcePath = require('./normalizeSourcePath');

const {
  FIRST_COLUMN,
  FIRST_LINE,
  GREATEST_LOWER_BOUND,
  EMPTY_POSITION,
  lookupBiasToString,
} = require('./constants');
const {greatestLowerBound} = require('./search');
const {add, get0, add0, sub, inc} = require('ob1');
const {decode: decodeVlq} = require('vlq');

```

```

import type { BasicSourceMap } from '../source-map';
import type {
  SourcePosition,
  GeneratedPositionLookup,
  Mapping,
  IConsumer,
} from './types.flow';

/**
 * A source map consumer that supports "basic" source maps (that have a
 * `mappings` field and no sections).
 */
class MappingsConsumer extends AbstractConsumer implements IConsumer {
  _sourceMap: BasicSourceMap;
  _decodedMappings: ?$ReadOnlyArray<Mapping>;
  _normalizedSources: ?$ReadOnlyArray<string>;

  constructor(sourceMap: BasicSourceMap) {
    super(sourceMap);
    this._sourceMap = sourceMap;
    this._decodedMappings = null;
    this._normalizedSources = null;
  }

  originalPositionFor(
    generatedPosition: GeneratedPositionLookup,
  ): SourcePosition {
    const {line, column} = generatedPosition;
    if (line == null || column == null) {
      return {...EMPTY_POSITION};
    }
    if (generatedPosition.bias != null) {
      invariant(
        generatedPosition.bias === GREATEST_LOWER_BOUND,
        `Unimplemented lookup bias: ${lookupBiasToString(
          generatedPosition.bias,
        )}`,
      );
    }
    const mappings = this._decodeAndCacheMappings();
    const index = greatestLowerBound(
      mappings,
      {line, column},
      (position, mapping) => {
        if (position.line === mapping.generatedLine) {
          return get0(sub(position.column, mapping.generatedColumn));
        }
        return get0(sub(position.line, mapping.generatedLine));
      }
    );
  }
}

```

```

    },
  );
  if (
    index != null &&
    mappings[index].generatedLine === generatedPosition.line
  ) {
    const mapping = mappings[index];
    return {
      source: mapping.source,
      name: mapping.name,
      line: mapping.originalLine,
      column: mapping.originalColumn,
    };
  }
  return {...EMPTY_POSITION};
}

*_decodeMappings() {
  let generatedLine = FIRST_LINE;
  let generatedColumn = FIRST_COLUMN;
  let originalLine = FIRST_LINE;
  let originalColumn = FIRST_COLUMN;
  let nameIndex = add0(0);
  let sourceIndex = add0(0);

  const normalizedSources = this._normalizeAndCacheSources();

  const { mappingsRaw, names } = this._sourceMap;
  let next;
  const vlqCache = new Map();
  for (let i = 0; i < mappingsRaw.length; i = next) {
    switch (mappingsRaw[i]) {
      case ';':
        generatedLine = inc(generatedLine);
        generatedColumn = FIRST_COLUMN;
        /* falls through */
      case ',':
        next = i + 1;
        continue;
    }
    findNext: for (next = i + 1; next < mappingsRaw.length; ++next) {
      switch (mappingsRaw[next]) {
        case ';':
          /* falls through */
        case ',':
          break findNext;
      }
    }
  }
}

```



```

const mappingRaw = mappingsRaw.slice(i, next);
let decodedVlqValues;
if (vlqCache.has(mappingRaw)) {
  decodedVlqValues = vlqCache.get(mappingRaw);
} else {
  decodedVlqValues = decodeVlq(mappingRaw);
  vlqCache.set(mappingRaw, decodedVlqValues);
}
invariant(Array.isArray(decodedVlqValues), 'Decoding VLQ tuple failed');
const [
  generatedColumnDelta,
  sourceIndexDelta,
  originalLineDelta,
  originalColumnDelta,
  nameIndexDelta,
] = decodedVlqValues;
decodeVlq(mappingRaw);
invariant(generatedColumnDelta != null, 'Invalid generated column delta');
generatedColumn = add(generatedColumn, generatedColumnDelta);
const mapping: Mapping = {
  generatedLine,
  generatedColumn,
  source: null,
  name: null,
  originalLine: null,
  originalColumn: null,
};

if (sourceIndexDelta != null) {
  sourceIndex = add(sourceIndex, sourceIndexDelta);
  mapping.source = normalizedSources[get0(sourceIndex)];

  invariant(originalLineDelta != null, 'Invalid original line delta');
  invariant(originalColumnDelta != null, 'Invalid original column delta');

  originalLine = add(originalLine, originalLineDelta);
  originalColumn = add(originalColumn, originalColumnDelta);

  mapping.originalLine = originalLine;
  mapping.originalColumn = originalColumn;

  if (nameIndexDelta != null) {
    nameIndex = add(nameIndex, nameIndexDelta);
    mapping.name = names[get0(nameIndex)];
  }
}

yield mapping;

```

```

    }
  }

  _normalizeAndCacheSources(): $ReadOnlyArray<string> {
    if (!this._normalizedSources) {
      this._normalizedSources = this._sourceMap.sources.map(source =>
        normalizeSourcePath(source, this._sourceMap),
      );
    }
    return this._normalizedSources;
  }

  _decodeAndCacheMappings(): $ReadOnlyArray<Mapping> {
    if (!this._decodedMappings) {
      this._decodedMappings = [...this._decodeMappings()];
    }
    return this._decodedMappings;
  }

  generatedMappings(): Iterable<Mapping> {
    return this._decodeAndCacheMappings();
  }
}

```

```
module.exports = MappingsConsumer;
```

Found in path(s):

```
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-
tgz/package/src/Consumer/MappingsConsumer.js.flow
```

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```
*
```

```
*
```

```
* @format
```

```
*/
```

```
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```

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```
*
```

```
* Based on the Base 64 VLQ implementation in Closure Compiler:
```

```
* https://git.io/vymuA
```

```
*
```

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*/
```

```
'use strict';
```

```
function greatestLowerBound<T, U>(
  elements: $ReadOnlyArray<T>,
```

```

target: U,
comparator: (U, T) => number,
): ?number {
  let first = 0;
  let it = 0;
  let count = elements.length;
  let step;
  while (count > 0) {
    it = first;
    step = Math.floor(count / 2);
    it = it + step;
    if (comparator(target, elements[it]) >= 0) {
      first = ++it;
      count = count - (step + 1);
    } else {
      count = step;
    }
  }
  return first ? first - 1 : null;
}

```

```
module.exports = {greatestLowerBound};
```

Found in path(s):

```
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-tgz/package/src/Consumer/search.js.flow
```

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 */

```

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```
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-tgz/package/src/composeSourceMaps.js
```

```
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-tgz/package/src/generateFunctionMap.js
```

```
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-tgz/package/src/Consumer/MappingsConsumer.js
```

```
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-tgz/package/src/BundleBuilder.js
```

```
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-tgz/package/src/Generator.js
```

```
* /opt/cola/permits/1168298915_1621972066.05/0/metro-source-map-0-59-0-tgz/package/src/B64Builder.js
```

1.884 slugify 1.6.5

1.884.1 Available under license :

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1.885 expo-modules-core 0.4.10

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* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/EXSingletonModule.h

* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/EXSingletonModule.m

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* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/Services/Permissions/EXPermissionsService.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/Interfaces/FileSystem/EXFileSystemInterface.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/Interfaces/BarcodeScanner/EXBarcodeScannerProviderInterface.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/Services/Permissions/EXPermissionsService.m
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/Interfaces/BarcodeScanner/EXBarcodeScannerInterface.h
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* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/EXAppDelegateWrapper.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/ModuleRegistryProvider/EXModuleRegistryProvider.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/ModuleRegistry/EXModuleRegistry.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/ModuleRegistry/EXModuleRegistry.m
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/Protocols/EXInternalModule.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/ModuleRegistry/EXModuleRegistryDelegate.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/ModuleRegistryProvider/EXModuleRegistryProvider.m
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/Protocols/EXAppLifecycleListener.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/Interfaces/ImageLoader/EXImageLoaderInterface.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/EXViewManager.m
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/EXViewManager.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/Protocols/EXEventEmitterService.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/Protocols/EXEventEmitter.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/Interfaces/FaceDetector/EXFaceDetectorManagerProviderInterface.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/EXExportedModule.m
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-

tgz/package/ios/EXExportedModule.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
tgz/package/ios/Protocols/EXAppLifecycleService.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/EXUtilities.m
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
tgz/package/ios/EXUnimodulesCompat.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
tgz/package/ios/Protocols/EXJavaScriptContextProvider.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/EXUtilities.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
tgz/package/ios/Protocols/EXUIManager.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/EXDefines.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
tgz/package/ios/Protocols/EXModuleRegistryConsumer.h
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* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
tgz/package/ios/Services/Permissions/EXReactNativeUserNotificationCenterProxy.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
tgz/package/ios/Services/Permissions/EXReactNativeUserNotificationCenterProxy.m
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
tgz/package/ios/ViewManagerAdapter/EXViewManagerAdapter.m
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
tgz/package/ios/Interfaces/Font/EXFontScalersManagerInterface.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
tgz/package/ios/Interfaces/Font/EXFontProcessorInterface.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
tgz/package/ios/Interfaces/Constants/EXConstantsInterface.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
tgz/package/ios/Interfaces/TaskManager/EXTaskLaunchReason.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
tgz/package/ios/Services/EXReactFontManager.m
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
tgz/package/ios/Interfaces/Permissions/EXPermissionsInterface.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
tgz/package/ios/ModuleRegistryAdapter/EXModuleRegistryHolderReactModule.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/EXErrorCodes.m
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
tgz/package/ios/ModuleRegistryAdapter/EXViewManagerAdapterClassesRegistry.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/EXErrorCodes.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
tgz/package/ios/ModuleRegistryAdapter/EXModuleRegistryHolderReactModule.m
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
tgz/package/ios/Interfaces/Sensors/EXAccelerometerInterface.h
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-

tgz/package/ios/Services/EXReactLogHandler.h
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/Interfaces/Camera/EXCameraInterface.h
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/Services/EXReactLogHandler.m
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/Services/EXReactNativeEventEmitter.m
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/Interfaces/Permissions/EXPermissionsMethodsDelegate.m
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/Interfaces/Permissions/EXPermissionsMethodsDelegate.h
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/Services/EXReactNativeEventEmitter.h
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/Interfaces/Sensors/EXBarometerInterface.h
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/Interfaces/Permissions/EXUserNotificationCenterProxyInterface.h
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/Interfaces/TaskManager/EXTaskManagerInterface.h
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/ModuleRegistryAdapter/EXViewManagerAdapterClassesRegistry.m
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/NativeModulesProxy/EXNativeModulesProxy.h
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/ModuleRegistryAdapter/EXModuleRegistryAdapter.m
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/NativeModulesProxy/EXNativeModulesProxy.m
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/ModuleRegistryAdapter/EXModuleRegistryAdapter.h
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/Interfaces/Sensors/EXMagnetometerInterface.h
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/Interfaces/Sensors/EXGyroscopeInterface.h
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/ViewManagerAdapter/EXViewManagerAdapter.h
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/EXBridgeModule.h
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/Services/EXReactNativeAdapter.m
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/Interfaces/Font/EXFontScalerInterface.h
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/Services/EXReactNativeAdapter.h
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/Interfaces/Sensors/EXMagnetometerUncalibratedInterface.h
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/Services/EXReactFontManager.h
 * /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-
 tgz/package/ios/Interfaces/FileSystem/EXFilePermissionModuleInterface.h


```
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-  
tgz/package/ios/Interfaces/Sensors/EXDeviceMotionInterface.h  
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-  
tgz/package/ios/Interfaces/Font/EXFontManagerInterface.h  
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```

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```
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-  
tgz/package/ios/Interfaces/TaskManager/EXTaskInterface.h  
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-  
tgz/package/ios/Protocols/EXLogHandler.h  
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-tgz/package/ios/ExpoModulesCore.h  
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-  
tgz/package/ios/Protocols/EXUtilitiesInterface.h  
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-  
tgz/package/ios/Interfaces/TaskManager/EXTaskServiceInterface.h  
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-  
tgz/package/ios/Interfaces/TaskManager/EXTaskConsumerInterface.h  
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Found in path(s):

```
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-  
tgz/package/ios/Services/EXLogManager.h  
* /opt/cola/permits/1255329842_1642547416.65/0/expo-modules-core-0-4-10-  
tgz/package/ios/Services/EXLogManager.m
```

1.886 buffer-fill 1.0.0

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1.887 react-native-easy-grid 0.2.2

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1.888 metro-runtime 0.66.2

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/**
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 *
 * @flow strict-local
 * @format
 */

'use strict';

const EventEmitter = require('./vendor/eventemitter3');

import type {HmrMessage, HmrUpdate} from './types.flow';

type SocketState = 'opening' | 'open' | 'closed';
```

```

const inject = ({ module: [id, code], sourceURL }) => {
  // Some engines do not support `sourceURL` as a comment. We expose a
  // `globalEvalWithSourceUrl` function to handle updates in that case.
  if (global.globalEvalWithSourceUrl) {
    global.globalEvalWithSourceUrl(code, sourceURL);
  } else {
    // eslint-disable-next-line no-eval
    eval(code);
  }
};

```

```

const injectUpdate = update => {
  update.added.forEach(inject);
  update.modified.forEach(inject);
};

```

```

class HMRCClient extends EventEmitter {
  _isEnabled: boolean = false;
  _pendingUpdate: HmrUpdate | null = null;
  _queue: Array<string> = [];
  _state: SocketState = 'opening';
  _ws: WebSocket;

```

```

  constructor(url: string) {
    super();

```

```

    // Access the global WebSocket object only after enabling the client,
    // since some polyfills do the initialization lazily.

```

```

    this._ws = new global.WebSocket(url);

```

```

    this._ws.onopen = () => {
      this._state = 'open';
      this.emit('open');
      this._flushQueue();
    };

```

```

    this._ws.onerror = error => {
      this.emit('connection-error', error);
    };

```

```

    this._ws.onclose = () => {
      this._state = 'closed';
      this.emit('close');
    };

```

```

    this._ws.onmessage = message => {
      const data: HmrMessage = JSON.parse(message.data);

```

```

      switch (data.type) {
        case 'bundle-registered':
          this.emit('bundle-registered');

```

```

        break;

    case 'update-start':
        this.emit('update-start', data.body);
        break;

    case 'update':
        this.emit('update', data.body);
        break;

    case 'update-done':
        this.emit('update-done');
        break;

    case 'error':
        this.emit('error', data.body);
        break;

    default:
        this.emit('error', {type: 'unknown-message', message: data});
    }
};

this.on('update', (update: HmrUpdate) => {
    if (this._isEnabled) {
        injectUpdate(update);
    } else if (this._pendingUpdate == null) {
        this._pendingUpdate = update;
    } else {
        this._pendingUpdate = mergeUpdates(this._pendingUpdate, update);
    }
});
}

close(): void {
    this._ws.close();
}

send(message: string): void {
    switch (this._state) {
        case 'opening':
            this._queue.push(message);
            break;
        case 'open':
            this._ws.send(message);
            break;
        case 'closed':
            // Ignore.
    }
}

```



```

        break;
    default:
        throw new Error('[WebSocketHMRCClient] Unknown state: ' + this._state);
    }
}

_flushQueue(): void {
    this._queue.forEach(message => this.send(message));
    this._queue.length = 0;
}

enable() {
    this._isEnabled = true;
    const update = this._pendingUpdate;
    this._pendingUpdate = null;
    if (update !== null) {
        injectUpdate(update);
    }
}

disable() {
    this._isEnabled = false;
}

isEnabled(): boolean {
    return this._isEnabled;
}

hasPendingUpdates(): boolean {
    return this._pendingUpdate !== null;
}

function mergeUpdates(base: HmrUpdate, next: HmrUpdate): HmrUpdate {
    const addedIDs = new Set();
    const deletedIDs = new Set();
    const moduleMap = new Map();

    // Fill in the temporary maps and sets from both updates in their order.
    applyUpdateLocally(base);
    applyUpdateLocally(next);

    function applyUpdateLocally(update: HmrUpdate) {
        update.deleted.forEach(id => {
            if (addedIDs.has(id)) {
                addedIDs.delete(id);
            } else {
                deletedIDs.add(id);
            }
        });
    }
}

```

```

    }
    moduleMap.delete(id);
  });
  update.added.forEach(item => {
    const id = item.module[0];
    if (deletedIDs.has(id)) {
      deletedIDs.delete(id);
    } else {
      addedIDs.add(id);
    }
    moduleMap.set(id, item);
  });
  update.modified.forEach(item => {
    const id = item.module[0];
    moduleMap.set(id, item);
  });
}

// Now reconstruct a unified update from our in-memory maps and sets.
// Applying it should be equivalent to applying both of them individually.
const result = {
  isInitialUpdate: next.isInitialUpdate,
  revisionId: next.revisionId,
  added: [],
  modified: [],
  deleted: [],
};
deletedIDs.forEach(id => {
  result.deleted.push(id);
});
moduleMap.forEach((item, id) => {
  if (deletedIDs.has(id)) {
    return;
  }

  if (addedIDs.has(id)) {
    result.added.push(item);
  } else {
    result.modified.push(item);
  }
});
return result;
}

module.exports = HMRCClient;

```

Found in path(s):

* /opt/cola/permits/1235010557_1638334404.02/0/metro-runtime-0-66-2-

tgz/package/src/modules/HMRCClient.js.flow

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 *
 * @polyfill
 * @flow
 * @format
 */
```

```
'use strict';
```

```
/* eslint-disable no-bitwise */
```

```
declare var __DEV__: boolean;
```

```
declare var __METRO_GLOBAL_PREFIX__: string;
```

```
type DependencyMap = Array<ModuleID>;
```

```
type Exports = any;
```

```
type FactoryFn = (
```

```
  global: Object,
```

```
  require: RequireFn,
```

```
  metroImportDefault: RequireFn,
```

```
  metroImportAll: RequireFn,
```

```
  moduleObject: {exports: {...}, ...},
```

```
  exports: {...},
```

```
  dependencyMap: ?DependencyMap,
```

```
) => void;
```

```
type HotModuleReloadingCallback = () => void;
```

```
type HotModuleReloadingData = {|
```

```
  _acceptCallback: ?HotModuleReloadingCallback,
```

```
  _disposeCallback: ?HotModuleReloadingCallback,
```

```
  _didAccept: boolean,
```

```
  accept: (callback?: HotModuleReloadingCallback) => void,
```

```
  dispose: (callback?: HotModuleReloadingCallback) => void,
```

```
|};
```

```
type ModuleID = number;
```

```
type Module = {
```

```
  id?: ModuleID,
```

```
  exports: Exports,
```

```
  hot?: HotModuleReloadingData,
```

```
  ...
```

```
};
```

```
type ModuleDefinition = {|
```

```

dependencyMap: ?DependencyMap,
error?: any,
factory: FactoryFn,
hasError: boolean,
hot?: HotModuleReloadingData,
importedAll: any,
importedDefault: any,
isInitialized: boolean,
path?: string,
publicModule: Module,
verboseName?: string,
|};
type ModuleList = {
[number]: ?ModuleDefinition,
__proto__: null,
...
};
type RequireFn = (id: ModuleID | VerboseModuleNameForDev) => Exports;
type VerboseModuleNameForDev = string;
type ModuleDefiner = (moduleId: ModuleID) => void;

global.__r = metroRequire;
global[`${__METRO_GLOBAL_PREFIX__}__d`] = define;
global.__c = clear;
global.__registerSegment = registerSegment;

var modules = clear();

// Don't use a Symbol here, it would pull in an extra polyfill with all sorts of
// additional stuff (e.g. Array.from).
const EMPTY = {};
const {hasOwnProperty} = {};

if (__DEV__) {
global.$RefreshReg$ = () => {};
global.$RefreshSig$ = () => type => type;
}

function clear(): ModuleList {
modules = (Object.create(null): ModuleList);

// We return modules here so that we can assign an initial value to modules
// when defining it. Otherwise, we would have to do "let modules = null",
// which will force us to add "nullthrows" everywhere.
return modules;
}

if (__DEV__) {

```

```

var verboseNamesToModuleIds: {
  [key: string]: number,
  __proto__: null,
  ...
} = Object.create(null);
var initializingModuleIds: Array<number> = [];
}

function define(
  factory: FactoryFn,
  moduleId: number,
  dependencyMap?: DependencyMap,
): void {
  if (modules[moduleId] != null) {
    if (__DEV__) {
      // (We take `inverseDependencies` from `arguments` to avoid an unused
      // named parameter in `define` in production.
      const inverseDependencies = arguments[4];

      // If the module has already been defined and the define method has been
      // called with inverseDependencies, we can hot reload it.
      if (inverseDependencies) {
        global.__accept(moduleId, factory, dependencyMap, inverseDependencies);
      }
    }

    // prevent repeated calls to `global.nativeRequire` to overwrite modules
    // that are already loaded
    return;
  }

  const mod: ModuleDefinition = {
    dependencyMap,
    factory,
    hasError: false,
    importedAll: EMPTY,
    importedDefault: EMPTY,
    isInitialized: false,
    publicModule: {exports: {}},
  };

  modules[moduleId] = mod;

  if (__DEV__) {
    // HMR
    mod.hot = createHotReloadingObject();

    // DEBUGGABLE MODULES NAMES

```

```

// we take `verboseName` from `arguments` to avoid an unused named parameter
// in `define` in production.
const verboseName: string | void = arguments[3];
if (verboseName) {
  mod.verboseName = verboseName;
  verboseNamesToModuleIds[verboseName] = moduleId;
}
}
}

function metroRequire(moduleId: ModuleID | VerboseModuleNameForDev): Exports {
  if (__DEV__ && typeof moduleId === 'string') {
    const verboseName = moduleId;
    moduleId = verboseNamesToModuleIds[verboseName];
    if (moduleId === null) {
      throw new Error(`Unknown named module: "${verboseName}"`);
    } else {
      console.warn(
        `Requiring module "${verboseName}" by name is only supported for ` +
        `debugging purposes and will BREAK IN PRODUCTION!`,
      );
    }
  }
}

//$FlowFixMe: at this point we know that moduleId is a number
const moduleIdReallyIsNumber: number = moduleId;

if (__DEV__) {
  const initializingIndex = initializingModuleIds.indexOf(
    moduleIdReallyIsNumber,
  );
  if (initializingIndex !== -1) {
    const cycle = initializingModuleIds
      .slice(initializingIndex)
      .map((id: number) =>
        modules[id] ? modules[id].verboseName : '[unknown]',
      );
    // We want to show A -> B -> A:
    cycle.push(cycle[0]);
    console.warn(
      `Require cycle: ${cycle.join(' -> ')}\n\n` +
      `Require cycles are allowed, but can result in uninitialized values. ` +
      `Consider refactoring to remove the need for a cycle.`,
    );
  }
}

const module = modules[moduleIdReallyIsNumber];

```

```

return module && module.isInitialized
  ? module.publicModule.exports
  : guardedLoadModule(moduleIdReallyIsNumber, module);
}

function metroImportDefault(moduleId: ModuleID | VerboseModuleNameForDev) {
  if (__DEV__ && typeof moduleId === 'string') {
    const verboseName = moduleId;
    moduleId = verboseNamesToModuleIds[verboseName];
  }

  // $FlowFixMe: at this point we know that moduleId is a number
  const moduleIdReallyIsNumber: number = moduleId;

  if (
    modules[moduleIdReallyIsNumber] &&
    modules[moduleIdReallyIsNumber].importedDefault !== EMPTY
  ) {
    return modules[moduleIdReallyIsNumber].importedDefault;
  }

  const exports = metroRequire(moduleIdReallyIsNumber);
  const importedDefault =
    exports && exports.__esModule ? exports.default : exports;

  // $FlowFixMe The metroRequire call above will throw if modules[id] is null
  return (modules[moduleIdReallyIsNumber].importedDefault = importedDefault);
}
metroRequire.importDefault = metroImportDefault;

function metroImportAll(moduleId: ModuleID | VerboseModuleNameForDev | number) {
  if (__DEV__ && typeof moduleId === 'string') {
    const verboseName = moduleId;
    moduleId = verboseNamesToModuleIds[verboseName];
  }

  // $FlowFixMe: at this point we know that moduleId is a number
  const moduleIdReallyIsNumber: number = moduleId;

  if (
    modules[moduleIdReallyIsNumber] &&
    modules[moduleIdReallyIsNumber].importedAll !== EMPTY
  ) {
    return modules[moduleIdReallyIsNumber].importedAll;
  }

  const exports = metroRequire(moduleIdReallyIsNumber);

```

```

let importedAll;

if (exports && exports.__esModule) {
  importedAll = exports;
} else {
  importedAll = {};

  // Refrain from using Object.assign, it has to work in ES3 environments.
  if (exports) {
    for (const key in exports) {
      if (hasOwnProperty.call(exports, key)) {
        importedAll[key] = exports[key];
      }
    }
  }

  importedAll.default = exports;
}

// $FlowFixMe The metroRequire call above will throw if modules[id] is null
return (modules[moduleIdReallyIsNumber].importedAll = importedAll);
}
metroRequire.importAll = metroImportAll;

let inGuard = false;
function guardedLoadModule(
  moduleId: ModuleID,
  module: ?ModuleDefinition,
): Exports {
  if (!inGuard && global.ErrorUtils) {
    inGuard = true;
    let returnValue;
    try {
      returnValue = loadModuleImplementation(moduleId, module);
    } catch (e) {
      // TODO: (moti) T48204692 Type this use of ErrorUtils.
      global.ErrorUtils.reportFatalError(e);
    }
    inGuard = false;
    return returnValue;
  } else {
    return loadModuleImplementation(moduleId, module);
  }
}

const ID_MASK_SHIFT = 16;
const LOCAL_ID_MASK = ~0 >>> ID_MASK_SHIFT;

```



```

function unpackModuleId(
  moduleId: ModuleID,
): {
  localId: number,
  segmentId: number,
  ...
} {
  const segmentId = moduleId >>> ID_MASK_SHIFT;
  const localId = moduleId & LOCAL_ID_MASK;
  return {segmentId, localId};
}
metroRequire.unpackModuleId = unpackModuleId;

function packModuleId(value: {
  localId: number,
  segmentId: number,
  ...
}): ModuleID {
  return (value.segmentId << ID_MASK_SHIFT) + value.localId;
}
metroRequire.packModuleId = packModuleId;

const moduleDefinersBySegmentID: Array<?ModuleDefiner> = [];
const definingSegmentByModuleID: Map<ModuleID, number> = new Map();

function registerSegment(
  segmentId: number,
  moduleDefiner: ModuleDefiner,
  moduleIds: ?$ReadOnlyArray<ModuleID>,
): void {
  moduleDefinersBySegmentID[segmentId] = moduleDefiner;
  if (__DEV__) {
    if (segmentId === 0 && moduleIds) {
      throw new Error(
        'registerSegment: Expected moduleIds to be null for main segment',
      );
    }
    if (segmentId !== 0 && !moduleIds) {
      throw new Error(
        'registerSegment: Expected moduleIds to be passed for segment #' +
          segmentId,
      );
    }
  }
  if (moduleIds) {
    moduleIds.forEach(moduleId => {
      if (!modules[moduleId] && !definingSegmentByModuleID.has(moduleId)) {
        definingSegmentByModuleID.set(moduleId, segmentId);
      }
    });
  }
}

```

```
    }  
  });  
}  
}
```

```
function loadModuleImplementation(  
  moduleId: ModuleID,  
  module: ?ModuleDefinition,  
): Exports {  
  if (!module && moduleDefinersBySegmentID.length > 0) {  
    const segmentId = definingSegmentByModuleID.get(moduleId) ?? 0;  
    const definer = moduleDefinersBySegmentID[segmentId];  
    if (definer != null) {  
      definer(moduleId);  
      module = modules[moduleId];  
      definingSegmentByModuleID.delete(moduleId);  
    }  
  }  
}
```

```
const nativeRequire = global.nativeRequire;  
if (!module && nativeRequire) {  
  const {segmentId, localId} = unpackModuleId(moduleId);  
  nativeRequire(localId, segmentId);  
  module = modules[moduleId];  
}
```

```
if (!module) {  
  throw unknownModuleError(moduleId);  
}
```

```
if (module.hasError) {  
  throw moduleThrewError(moduleId, module.error);  
}
```

```
if (__DEV__) {  
  var Systrace = requireSystrace();  
  var Refresh = requireRefresh();  
}
```

```
// We must optimistically mark module as initialized before running the  
// factory to keep any require cycles inside the factory from causing an  
// infinite require loop.  
module.isInitialized = true;
```

```
const {factory, dependencyMap} = module;  
if (__DEV__) {  
  initializingModuleIds.push(moduleId);  
}
```

```

try {
  if (__DEV__) {
    // $FlowIgnore: we know that __DEV__ is const and `Systrace` exists
    Systrace.beginEvent('JS_require_' + (module.verboseName || moduleId));
  }

  const moduleObject: Module = module.publicModule;

  if (__DEV__) {
    moduleObject.hot = module.hot;

    var prevRefreshReg = global.$RefreshReg$;
    var prevRefreshSig = global.$RefreshSig$;
    if (Refresh !== null) {
      const RefreshRuntime = Refresh;
      global.$RefreshReg$ = (type, id) => {
        RefreshRuntime.register(type, moduleId + ' ' + id);
      };
      global.$RefreshSig$ =
        RefreshRuntime.createSignatureFunctionForTransform;
    }
  }
  moduleObject.id = moduleId;

  // keep args in sync with with defineModuleCode in
  // metro/src/Resolver/index.js
  // and metro/src/ModuleGraph/worker.js
  factory(
    global,
    metroRequire,
    metroImportDefault,
    metroImportAll,
    moduleObject,
    moduleObject.exports,
    dependencyMap,
  );

  // avoid removing factory in DEV mode as it breaks HMR
  if (!__DEV__) {
    // $FlowFixMe: This is only sound because we never access `factory` again
    module.factory = undefined;
    module.dependencyMap = undefined;
  }

  if (__DEV__) {
    // $FlowIgnore: we know that __DEV__ is const and `Systrace` exists
    Systrace.endEvent();
  }
}

```

```

    if (Refresh !== null) {
      registerExportsForReactRefresh(Refresh, moduleObject.exports, moduleId);
    }
  }

  return moduleObject.exports;
} catch (e) {
  module.hasError = true;
  module.error = e;
  module.isInitialized = false;
  module.publicModule.exports = undefined;
  throw e;
} finally {
  if (__DEV__) {
    if (initializingModuleIds.pop() !== moduleId) {
      throw new Error(
        'initializingModuleIds is corrupt; something is terribly wrong',
      );
    }
    global.$RefreshReg$ = prevRefreshReg;
    global.$RefreshSig$ = prevRefreshSig;
  }
}
}

function unknownModuleError(id: ModuleID): Error {
  let message = 'Requiring unknown module "' + id + '"';
  if (__DEV__) {
    message +=
      ' If you are sure the module exists, try restarting Metro. ' +
      'You may also want to run `yarn` or `npm install`.';
  }
  return Error(message);
}

function moduleThrewError(id: ModuleID, error: any): Error {
  const displayName = (__DEV__ && modules[id] && modules[id].verboseName) || id;
  return Error(
    'Requiring module "' +
      displayName +
      '", which threw an exception: ' +
      error,
  );
}

if (__DEV__) {
  metroRequire.Systrace = {
    beginEvent: (): void => {},
  }
}

```

```

    endEvent: (): void => {},
  };
metroRequire.getModules = (): ModuleList => {
  return modules;
};

// HOT MODULE RELOADING
var createHotReloadingObject = function() {
  const hot: HotModuleReloadingData = {
    _acceptCallback: null,
    _disposeCallback: null,
    _didAccept: false,
    accept: (callback?: HotModuleReloadingCallback): void => {
      hot._didAccept = true;
      hot._acceptCallback = callback;
    },
    dispose: (callback?: HotModuleReloadingCallback): void => {
      hot._disposeCallback = callback;
    },
  };
  return hot;
};

let reactRefreshTimeout = null;

const metroHotUpdateModule = function(
  id: ModuleID,
  factory: FactoryFn,
  dependencyMap: DependencyMap,
  inverseDependencies: {[key: ModuleID]: Array<ModuleID>, ...},
) {
  const mod = modules[id];
  if (!mod) {
    if (factory) {
      // New modules are going to be handled by the define() method.
      return;
    }
    throw unknownModuleError(id);
  }

  if (!mod.hasError && !mod.isInitialized) {
    // The module hasn't actually been executed yet,
    // so we can always safely replace it.
    mod.factory = factory;
    mod.dependencyMap = dependencyMap;
    return;
  }
}

```

```

const Refresh = requireRefresh();
const refreshBoundaryIDs = new Set();

// In this loop, we will traverse the dependency tree upwards from the
// changed module. Updates "bubble" up to the closest accepted parent.
//
// If we reach the module root and nothing along the way accepted the update,
// we know hot reload is going to fail. In that case we return false.
//
// The main purpose of this loop is to figure out whether it's safe to apply
// a hot update. It is only safe when the update was accepted somewhere
// along the way upwards for each of its parent dependency module chains.
//
// We perform a topological sort because we may discover the same
// module more than once in the list of things to re-execute, and
// we want to execute modules before modules that depend on them.
//
// If we didn't have this check, we'd risk re-evaluating modules that
// have side effects and lead to confusing and meaningless crashes.

let didBailOut = false;
const updatedModuleIDs = topologicalSort(
  [id], // Start with the changed module and go upwards
  pendingID => {
    const pendingModule = modules[pendingID];
    if (pendingModule == null) {
      // Nothing to do.
      return [];
    }
    const pendingHot = pendingModule.hot;
    if (pendingHot == null) {
      throw new Error(
        '[Refresh] Expected module.hot to always exist in DEV.',
      );
    }
    // A module can be accepted manually from within itself.
    let canAccept = pendingHot._didAccept;
    if (!canAccept && Refresh != null) {
      // Or React Refresh may mark it accepted based on exports.
      const isBoundary = isReactRefreshBoundary(
        Refresh,
        pendingModule.publicModule.exports,
      );
      if (isBoundary) {
        canAccept = true;
        refreshBoundaryIDs.add(pendingID);
      }
    }
  }
);

```

```

if (canAccept) {
  // Don't look at parents.
  return [];
}
// If we bubble through the roof, there is no way to do a hot update.
// Bail out altogether. This is the failure case.
const parentIDs = inverseDependencies[pendingID];
if (parentIDs.length === 0) {
  // Reload the app because the hot reload can't succeed.
  // This should work both on web and React Native.
  performFullRefresh('No root boundary', {
    source: mod,
    failed: pendingModule,
  });
  didBailOut = true;
  return [];
}
// This module can't handle the update but maybe all its parents can?
// Put them all in the queue to run the same set of checks.
return parentIDs;
},
() => didBailOut, // Should we stop?
).reverse();

if (didBailOut) {
  return;
}

// If we reached here, it is likely that hot reload will be successful.
// Run the actual factories.
const seenModuleIDs = new Set();
for (let i = 0; i < updatedModuleIDs.length; i++) {
  // Don't process twice if we have a cycle.
  const updatedID = updatedModuleIDs[i];
  if (seenModuleIDs.has(updatedID)) {
    continue;
  }
  seenModuleIDs.add(updatedID);

  const updatedMod = modules[updatedID];
  if (updatedMod === null) {
    throw new Error('[Refresh] Expected to find the updated module.');
```

```

);
const nextExports = updatedMod.publicModule.exports;

if (didError) {
  // The user was shown a redbox about module initialization.
  // There's nothing for us to do here until it's fixed.
  return;
}

if (refreshBoundaryIDs.has(updatedID)) {
  // Since we just executed the code for it, it's possible
  // that the new exports make it ineligible for being a boundary.
  const isNoLongerABoundary = !isReactRefreshBoundary(
    Refresh,
    nextExports,
  );
  // It can also become ineligible if its exports are incompatible
  // with the previous exports.
  // For example, if you add/remove/change exports, we'll want
  // to re-execute the importing modules, and force those components
  // to re-render. Similarly, if you convert a class component
  // to a function, we want to invalidate the boundary.
  const didInvalidate = shouldInvalidateReactRefreshBoundary(
    Refresh,
    prevExports,
    nextExports,
  );
  if (isNoLongerABoundary || didInvalidate) {
    // We'll be conservative. The only case in which we won't do a full
    // reload is if all parent modules are also refresh boundaries.
    // In that case we'll add them to the current queue.
    const parentIDs = inverseDependencies[updatedID];
    if (parentIDs.length === 0) {
      // Looks like we bubbled to the root. Can't recover from that.
      performFullRefresh(
        isNoLongerABoundary
          ? 'No longer a boundary'
          : 'Invalidated boundary',
        {
          source: mod,
          failed: updatedMod,
        },
      );
    }
    return;
  }
  // Schedule all parent refresh boundaries to re-run in this loop.
  for (let j = 0; j < parentIDs.length; j++) {
    const parentID = parentIDs[j];

```



```

const parentMod = modules[parentID];
if (parentMod == null) {
  throw new Error('[Refresh] Expected to find parent module.');
```

```

}
const canAcceptParent = isReactRefreshBoundary(
  Refresh,
  parentMod.publicModule.exports,
);
if (canAcceptParent) {
  // All parents will have to re-run too.
  refreshBoundaryIDs.add(parentID);
  updatedModuleIDs.push(parentID);
} else {
  performFullRefresh('Invalidated boundary', {
    source: mod,
    failed: parentMod,
  });
  return;
}
}
}
}
}

if (Refresh != null) {
  // Debounce a little in case there are multiple updates queued up.
  // This is also useful because __accept may be called multiple times.
  if (reactRefreshTimeout == null) {
    reactRefreshTimeout = setTimeout(() => {
      reactRefreshTimeout = null;
      // Update React components.
      Refresh.performReactRefresh();
    }, 30);
  }
}
};

```

```

const topologicalSort = function<T>(
  roots: Array<T>,
  getEdges: T => Array<T>,
  earlyStop: T => boolean,
): Array<T> {
  const result = [];
  const visited = new Set();
  function traverseDependentNodes(node: T) {
    visited.add(node);
    const dependentNodes = getEdges(node);
    if (earlyStop(node)) {

```

```

    return;
  }
  dependentNodes.forEach(dependent => {
    if (visited.has(dependent)) {
      return;
    }
    traverseDependentNodes(dependent);
  });
  result.push(node);
}
roots.forEach(root => {
  if (!visited.has(root)) {
    traverseDependentNodes(root);
  }
});
return result;
};

const runUpdatedModule = function(
  id: ModuleID,
  factory?: FactoryFn,
  dependencyMap?: DependencyMap,
): boolean {
  const mod = modules[id];
  if (mod == null) {
    throw new Error('[Refresh] Expected to find the module.');
```

```

  }

  const {hot} = mod;
  if (!hot) {
    throw new Error('[Refresh] Expected module.hot to always exist in DEV.');
```

```

  }

  if (hot._disposeCallback) {
    try {
      hot._disposeCallback();
    } catch (error) {
      console.error(
        `Error while calling dispose handler for module ${id}: `,
        error,
      );
    }
  }
}
```

```

  if (factory) {
    mod.factory = factory;
  }
  if (dependencyMap) {
```

```

    mod.dependencyMap = dependencyMap;
  }
  mod.hasError = false;
  mod.error = undefined;
  mod.importedAll = EMPTY;
  mod.importedDefault = EMPTY;
  mod.isInitialized = false;
  const prevExports = mod.publicModule.exports;
  mod.publicModule.exports = {};
  hot._didAccept = false;
  hot._acceptCallback = null;
  hot._disposeCallback = null;
  metroRequire(id);

  if (mod.hasError) {
    // This error has already been reported via a redbox.
    // We know it's likely a typo or some mistake that was just introduced.
    // Our goal now is to keep the rest of the application working so that by
    // the time user fixes the error, the app isn't completely destroyed
    // underneath the redbox. So we'll revert the module object to the last
    // successful export and stop propagating this update.
    mod.hasError = false;
    mod.isInitialized = true;
    mod.error = null;
    mod.publicModule.exports = prevExports;
    // We errored. Stop the update.
    return true;
  }

  if (hot._acceptCallback) {
    try {
      hot._acceptCallback();
    } catch (error) {
      console.error(
        `Error while calling accept handler for module ${id}: `,
        error,
      );
    }
  }
  // No error.
  return false;
};

const performFullRefresh = (
  reason: string,
  modules: $ReadOnly<{source: ModuleDefinition, failed: ModuleDefinition}>,
) => {
  /* global window */

```

```

if (
  typeof window !== 'undefined' &&
  window.location !== null &&
  typeof window.location.reload === 'function'
) {
  window.location.reload();
} else {
  const Refresh = requireRefresh();
  if (Refresh !== null) {
    const sourceName = modules.source?.verboseName ?? 'unknown';
    const failedName = modules.failed?.verboseName ?? 'unknown';
    Refresh.performFullRefresh(
      `Fast Refresh - ${reason} <${sourceName}> <${failedName}>`,
    );
  } else {
    console.warn('Could not reload the application after an edit.');
```

```

var shouldInvalidateReactRefreshBoundary = (
  Refresh,
  prevExports,
  nextExports,
) => {
  const prevSignature = getRefreshBoundarySignature(Refresh, prevExports);
  const nextSignature = getRefreshBoundarySignature(Refresh, nextExports);
  if (prevSignature.length !== nextSignature.length) {
    return true;
  }
  for (let i = 0; i < nextSignature.length; i++) {
    if (prevSignature[i] !== nextSignature[i]) {
      return true;
    }
  }
  return false;
};

// When this signature changes, it's unsafe to stop at this refresh boundary.
var getRefreshBoundarySignature = (Refresh, moduleExports): Array<mixed> => {
  const signature = [];
  signature.push(Refresh.getFamilyByType(moduleExports));
  if (moduleExports == null || typeof moduleExports !== 'object') {
    // Exit if we can't iterate over exports.
    // (This is important for legacy environments.)
    return signature;
  }
  for (const key in moduleExports) {
    if (key === '__esModule') {
      continue;
    }
    const desc = Object.getOwnPropertyDescriptor(moduleExports, key);
    if (desc && desc.get) {
      continue;
    }
    const exportValue = moduleExports[key];
    signature.push(key);
    signature.push(Refresh.getFamilyByType(exportValue));
  }
  return signature;
};

var registerExportsForReactRefresh = (Refresh, moduleExports, moduleID) => {
  Refresh.register(moduleExports, moduleID + ' %exports%');
  if (moduleExports == null || typeof moduleExports !== 'object') {
    // Exit if we can't iterate over exports.
    // (This is important for legacy environments.)
  }
};

```

```

    return;
  }
  for (const key in moduleExports) {
    const desc = Object.getOwnPropertyDescriptor(moduleExports, key);
    if (desc && desc.get) {
      // Don't invoke getters as they may have side effects.
      continue;
    }
    const exportValue = moduleExports[key];
    const typeID = moduleID + '%exports%' + key;
    Refresh.register(exportValue, typeID);
  }
};

global.__accept = metroHotUpdateModule;
}

if (__DEV__) {
  // The metro require polyfill can not have module dependencies.
  // The Systrace and ReactRefresh dependencies are, therefore, made publicly
  // available. Ideally, the dependency would be inverted in a way that
  // Systrace / ReactRefresh could integrate into Metro rather than
  // having to make them publicly available.

  var requireSystrace = function requireSystrace() {
    return (
      global[__METRO_GLOBAL_PREFIX__ + '__SYSTRACE'] || metroRequire.Systrace
    );
  };

  var requireRefresh = function requireRefresh() {
    return (
      global[__METRO_GLOBAL_PREFIX__ + '__ReactRefresh'] || metroRequire.Refresh
    );
  };
}

```

Found in path(s):

* /opt/cola/permits/1235010557_1638334404.02/0/metro-runtime-0-66-2-tgz/package/src/polyfills/require.js.flow
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*

*

* @format

*/

Found in path(s):

* /opt/cola/permits/1235010557_1638334404.02/0/metro-runtime-0-66-2-tgz/package/src/modules/HMRClient.js

* /opt/cola/permits/1235010557_1638334404.02/0/metro-runtime-0-66-2-tgz/package/src/modules/types.flow.js

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* @polyfill

*

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*

* This is a vendored file based on EventEmitter3: <https://github.com/primus/eventemitter3>

*/

Found in path(s):

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* @flow strict-local

* @format

*/

'use strict';

export type ModuleMap = \$ReadOnlyArray<[number, string]>;

export type BytecodeModuleMap = \$ReadOnlyArray<[number, Array<Buffer>]>;

```
export type Bundle = {  
  +modules: ModuleMap,  
  +post: string,  
  +pre: string,  
};
```

```
export type BytecodeBundle = {  
  +modules: BytecodeModuleMap,  
  +post: Array<Buffer>,  
  +pre: Array<Buffer>,  
};
```

```
export type DeltaBundle = {  
  +added: ModuleMap,  
  +modified: ModuleMap,  
  +deleted: $ReadOnlyArray<number>,  
};
```

```
export type BundleVariant =  
  | { |+base: true, +revisionId: string, ...Bundle}  
  | { |+base: false, +revisionId: string, ...DeltaBundle};
```

```
export type BundleMetadata = {
```



```
+pre: number,  
+post: number,  
+modules: $ReadOnlyArray<[number, number]>,  
};
```

```
export type FormattedError = {  
+type: string,  
+message: string,  
+errors: Array<{description: string, ...}>,  
};
```

```
export type HmrModule = {  
+module: [number, string],  
+sourceMappingURL: string,  
+sourceURL: string,  
};
```

```
export type HmrUpdate = {  
+added: $ReadOnlyArray<HmrModule>,  
+deleted: $ReadOnlyArray<number>,  
+isInitialUpdate: boolean,  
+modified: $ReadOnlyArray<HmrModule>,  
+revisionId: string,  
};
```

```
export type HmrUpdateMessage = {  
+type: 'update',  
+body: HmrUpdate,  
};
```

```
export type HmrErrorMessage = {  
+type: 'error',  
+body: FormattedError,  
};
```

```
export type HmrClientMessage =  
| {  
+type: 'register-entrypoints',  
+entryPoints: Array<string>,  
}  
| {  
+type: 'log',  
+level:  
| 'trace'  
| 'info'  
| 'warn'  
| 'log'  
| 'group'
```

```

    | 'groupCollapsed'
    | 'groupEnd'
    | 'debug',
    +data: Array<mixed>,
    +mode: 'BRIDGE' | 'NOBRIDGE',
  |}
| {}
  +type: 'log-opt-in',
|};

```

```

export type HmrMessage =
| {}
  +type: 'bundle-registered',
|}
| {}
  +type: 'update-start',
  +body: {|
    +isInitialUpdate: boolean,
  |},
|}
| {}
  +type: 'update-done',
|}
| HmrUpdateMessage
| HmrErrorMessage;

```

Found in path(s):

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```
*
```

```
* @format
```

```
* @flow strict
```

```
*/
```

```
'use strict';
```

```
// $FlowExpectedError Flow does not know about Metro's require extensions.
```

```
const dynamicRequire = (require: {importAll: mixed => mixed});
```

```
module.exports = function(moduleID: mixed): Promise<mixed> {
```

```
  return Promise.resolve().then(() => dynamicRequire.importAll(moduleID));
```

```
};
```

Found in path(s):

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```
*
```

```
* @flow
```

```
* @format
```

```
*/
```

```
'use strict';
```

```
declare type ListenerFn = (...args: any[]) => mixed;  
declare class EventEmitter {  
  static constructor(): EventEmitter;  
  static prefixed: string | boolean;  
  eventNames(): (string | Symbol)[];  
  listeners(event: string | Symbol): ListenerFn[];  
  listenerCount(event: string | Symbol): number;  
  on(event: string | Symbol, listener: ListenerFn, context?: any): this;  
  addListener(  
    event: string | Symbol,  
    listener: ListenerFn,  
    context?: any,  
  ): this;  
  once(event: string | Symbol, listener: ListenerFn, context?: any): this;  
  removeAllListeners(event?: string | Symbol): this;  
  removeListener(  
    event: string | Symbol,  
    listener?: ListenerFn,  
    context?: any,  
    once?: boolean,  
  ): this;  
  off(  
    event: string | Symbol,  
    listener?: ListenerFn,  
    context?: any,  
    once?: boolean,  
  ): this;  
  emit(event: string, ...params?: any[]): this;  
}  
declare module.exports: Class<EventEmitter>;
```

Found in path(s):

* /opt/cola/permits/1235010557_1638334404.02/0/metro-runtime-0-66-2-tgz/package/src/modules/vendor/eventemitter3.js.flow

1.889 globals 11.12.0

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1.890 clone-deep 4.0.1

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1.891 commander 4.1.1

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1.892 @babel/helper-wrap-function 7.16.8

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1.893 function-bind 1.1.1

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1.894 babel-plugin-proposal-nullish-coalescing-operator 7.16.7

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1.895 cross-fetch 3.1.5

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1.896 error-stack-parser 2.0.7

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1.897 @babel/plugin-transform-computed-properties 7.16.7

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1.898 rimraf 2.7.1

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1.899 @types/graceful-fs 4.1.5

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1.900 glob 7.2.0

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1.901 open 7.4.2

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1.902 jsonfile 2.4.0

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1.903 metro-react-native-babel-transformer 0.59.0

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1.904 uuid 3.4.0

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1.905 react-native 0.66.2

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